Vital Statistics of California 2001

California Department of Health Services

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THE VITAL STATISTICS SYSTEM OF CALIFORNIA

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CENTER FOR HEALTH STATISTICS:	The State Registrar's functions are performed by the Chief of the Center for Health Statistics.

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↓# Builds and continues cooperative relationships with federal, state, and local agencies including the National Center for Health Statistics, which collect, maintain, and use vital records/statistics.

↓# Develops forms, standards, and guidelines for registration of all vital events occurring in the State of California.

↓# Directs and monitors the state-delegated functions of approximately 180 local offices which register California's vital events in order to assure statewide compliance with the statutory mandate for uniform application of registration laws, policies, and procedures.

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↓# Performs functions related to the analysis and dissemination of vital statistics.

↓# Provides a wide variety of mainframe and PC data products from the state vital statistics files to public and private organizations and to individuals requesting the data for research. Offers consultation to the users of these data. The data are used in medical and social sciences, public health and health demographics, human services planning, population estimation and projection, and economic forecasting.

↓# 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.

VITAL STATISTICS OF CALIFORNIA 2001

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PREFACE

This report provides tabulations of vital statistics on births and deaths in California in 2001, as part of a historical series of similar annual reports. These data are compiled from information provided on birth, death, and fetal 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/United States 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 the variables displayed in each table. Table guides are provided 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. Chapter 8 includes facsimiles of birth, death, and fetal death certificate forms, medical and race worksheets, 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. At the time of publication, population data based on the 2000 census was not available. Therefore, data used in population tables and rates were estimates and projections based on the 1990 census. 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.

Revised federal guidelines for collecting and tabulating race and Hispanic origin data ("U.S. Office of Management and Budget (OMB) Standards") were implemented with Census 2000.[1] The most significant change from prior guidelines involved the option for people to specify more than one race on their census forms. Additionally, the revised guidelines recommended reporting of races in slightly expanded categories. American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, White, and Two or More Races are the new minimum reporting categories. No major change was made regarding Hispanic origin; Hispanic and Non Hispanic are the minimum reporting categories.

In compliance with these guidelines, California birth certificates permitted identification of more than one race for mother and father of child, and death certificates permitted designation of multiple races for decedents effective for the first time with 2000 birth and death data. Data systems were modified to collect and retain these three races. There are substantial implications of these new race collection methods and the new federal guidelines for tabulating California race data. Tables in this report that present data by race or race/ethnicity are only comparable with the year 2000 data tables.

The data collected on the birth, death, and fetal death certificates in items labeled "Race" include the following groups: American Indian, Black, Cambodian, Chinese, Eskimo/Aleut, Filipino, Hawaiian, Hmong, Indian (India), Japanese, Korean, Laotian, Samoan, Thai, Vietnamese, White, Other Asian, Other Pacific Islander, and Other Races. Data on "Hispanic origin" is collected separately. Race and

[1] Office of Management and Budget, Washington, D.C. Provisional Guidance on the Implementation of the 1997 Standards for Federal Data on Race and Ethnicity, December 15, 2000. Online: http://www.whitehouse.gov/omb/inforeg/statpolicy.html.

Hispanic origin are tabulated in two ways on the tables in this report. Most tables (labeled "by Race/Ethnicity") utilize both race and Hispanic origin as a single, mutually exclusive set of categories. All individuals of Hispanic origin, irrespective of race or races, are reported as "Hispanic." All non-Hispanic individuals are tabulated in the following categories, parallel to the OMB minimum standards: Two or More Races, American Indian (includes Alaskan Native), Asian, Black, Pacific Islander (Native Hawaiian and Other), and White/Other Races. The intention of this methodology is to provide a single mutually exclusive list that combines two reporting dimensions: Hispanic (origin) and Race.

Alternatively, some tables (labeled "By Race") are tabulated without regard to Hispanic origin. That is, individuals of Hispanic origin are reported in the appropriate race category. In California, most people of Hispanic origin are White. On these tables, as on the tables "by Race/Ethnicity," data in the column "Two or More Races" pertain to individuals who identified with two or more of the OMB minimum race categories: American Indian or Alaskan Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White or Other.

For more information on this issue, please see Chapter 6. You may also consult the U.S. Office of Management and Budget Website at: http://www.whitehouse.gov/omb/inforeg/statpolicy.html
or contact the California Center for Health Statistics at (916) 552-8095.

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Inquiries regarding this report should be directed to the California Department of Health Services, Office of Health Information and Research, MS 5103, P.O. Box 997410, Sacramento, CA 95899-7410. If you wish to call, the telephone number for this Section is (916) 552-8095.

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. Click on "Vital Statistics Data Tables" on the left menu.

Also available is the Vital Statistics Query System at:
http://www.applications.dhs.ca.gov/vsq/default.asp. The Vital Statistics Query System can be used to run tabulations on birth and death data for the years 1994 to 2001. Tabulations can be run by residence or occurrence for California or individual counties. Birth variables available are age, gender, race/ethnicity, birthweight, and prenatal care. Death variables available are age, gender, race/ethnicity, and cause of death.

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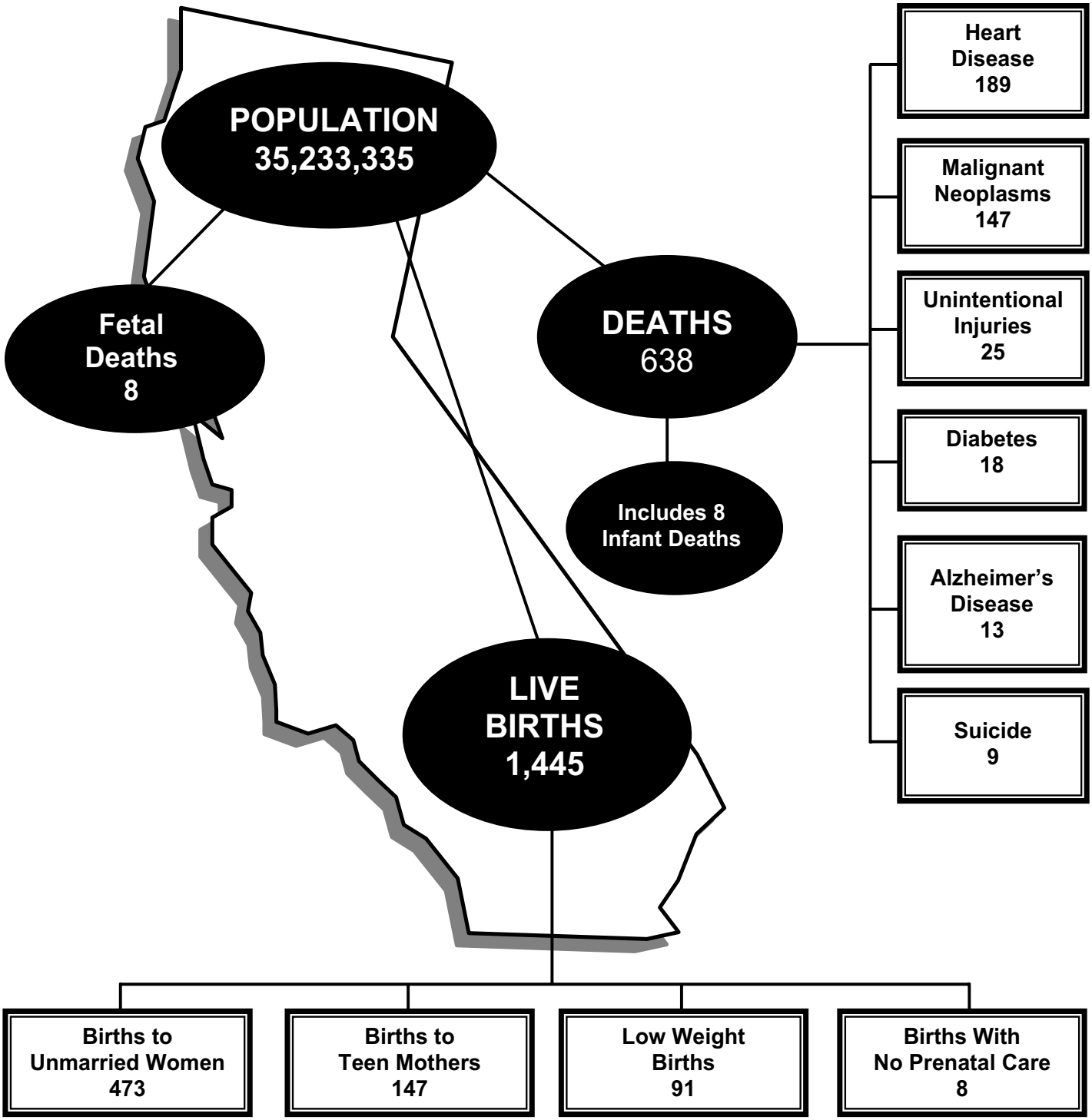
Figure 1
2001 Vital Events in California

There were, on the average day in California:



Note: Based on a 365-day year.

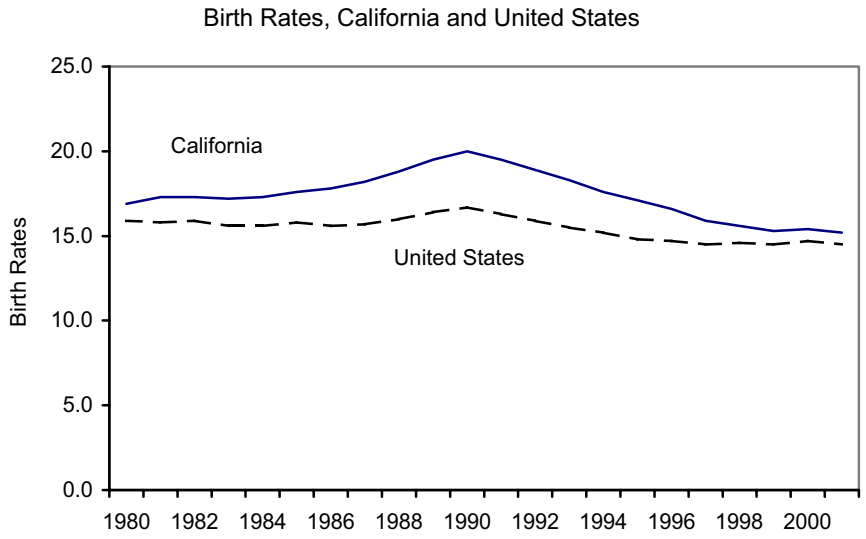
Source: State of California, Department of Health Services, Birth, Death and Fetal Death Records. 2001 Population: Race/Ethnic Population with Age and Sex Detail, 1970-2040, December 1998.

HIGHLIGHTS

California and United States Comparison

The estimated population in California in 2001 was 34,758,000, an increase of 278,000 from 2000. California's population was 12.5 percent of the United States population, approximately one out of eight U.S. residents.

There were 527,371 live births to residents of California in 2001. These births accounted for 13.1 percent of all U.S. births, approximately one out of eight U.S. births.



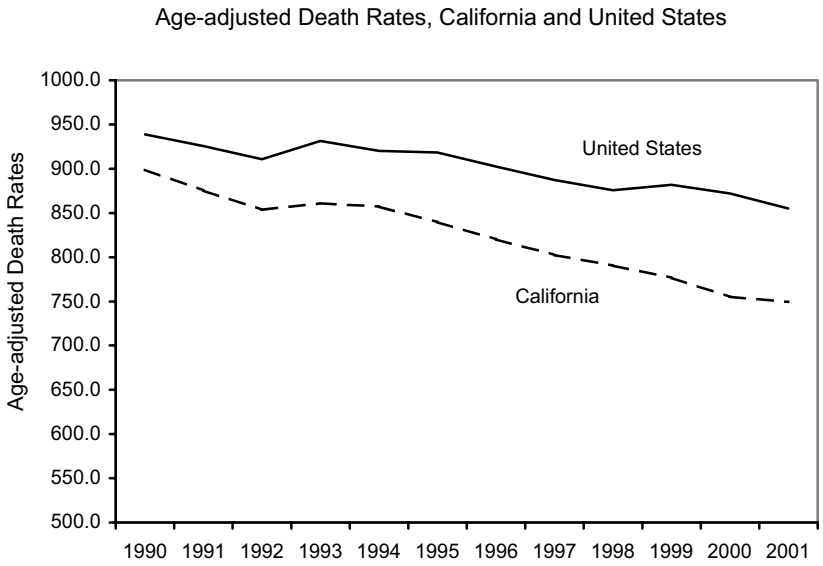
California's birth rate was 15.2 births per 1,000 population. This rate continues to exceed the U.S. rate of 14.5 in 2001 (Table 1-4.)

Of all the California births in 2001, 6.3 percent were low birthweight compared with 7.7 percent for the United States as a whole (Table 1-6.)

There were 232,790 resident deaths in California in 2001. These deaths accounted for 9.6 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 8.5 in 2001 (Table 1-4.)

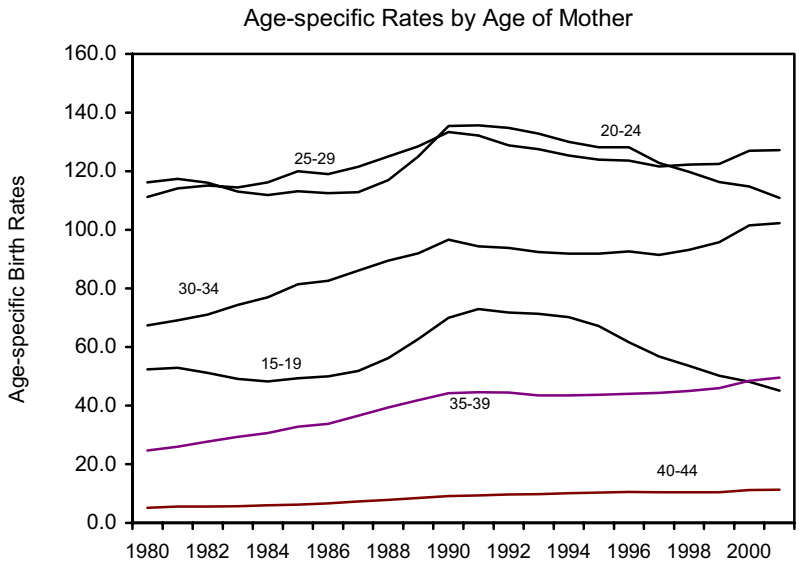
California's age-adjusted death rate in 2001 was 749.3 per 100,000 population, compared to 855.0 for the U.S. (Table 1-8).



California Births

After the first increase in a decade in 2000, California resident births decreased in 2001 to 527,371 (0.7 percent). The number of 2001 births was 13.8 percent less than the peak of 611,666 births in 1990 (Table 1-1).

The birth rate of 15.2 births per 1,000 population was down 1.2 percent from the rate of 15.4 in 2000, but was down 24 percent from the high of 20.0 in 1990 (Table 1-4).



The age-specific birth rate was highest among 25-29 year old mothers (127.2 per 1,000 women), this rate increased from 127.0 in 2000. Birth rates also increased among California mothers ages 30-34 and older, and decreased for younger mothers (Table 1-5).

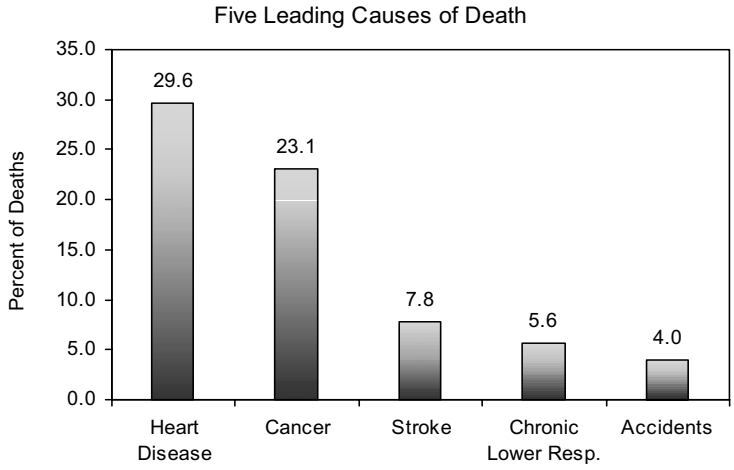
Teen birth rates (15-19 years old) declined substantially between 2000 and 2001 (6.2 percent), continuing a decade of decline. In 2001, for the second consecutive year, California's teen birth rate fell below the birth rate for the U.S. as a whole. The California birth rate for the youngest teens (under 15) is also lower than the U.S. rate (0.6 vs. 0.8). The birth rates for ages 20-24 have also been declining since 1991 in California, but remain slightly higher than the corresponding U.S. rate. (Table 1-5).

Comparisons of selected demographic and medical characteristics between California and the U.S. show that slightly less than one third of California births were to unmarried mothers, about the same as for the U.S. as a whole (Table1-6). Among California births, 53.7 percent were to mothers born in the United States, compared with 77.5 percent of births in the country as a whole. Late (third trimester) or no prenatal care was attributed to 2.9 percent of California mothers, compared with 3.7 percent of U.S. births. California also experienced fewer preterm births (prior to 37 weeks gestation) (10.4 percent) than did the U.S. (11.9 percent).

California Deaths

In 2001, 232,790 California residents died, up from 228,281 in 2000. The death rate in 2001 was 6.7 deaths per 1,000 population, up from 6.6 in 2000 (Table 1-1).

With this third year of coding the causes of death to the Tenth Revision of the International Classification of Diseases, the ranking of the ten

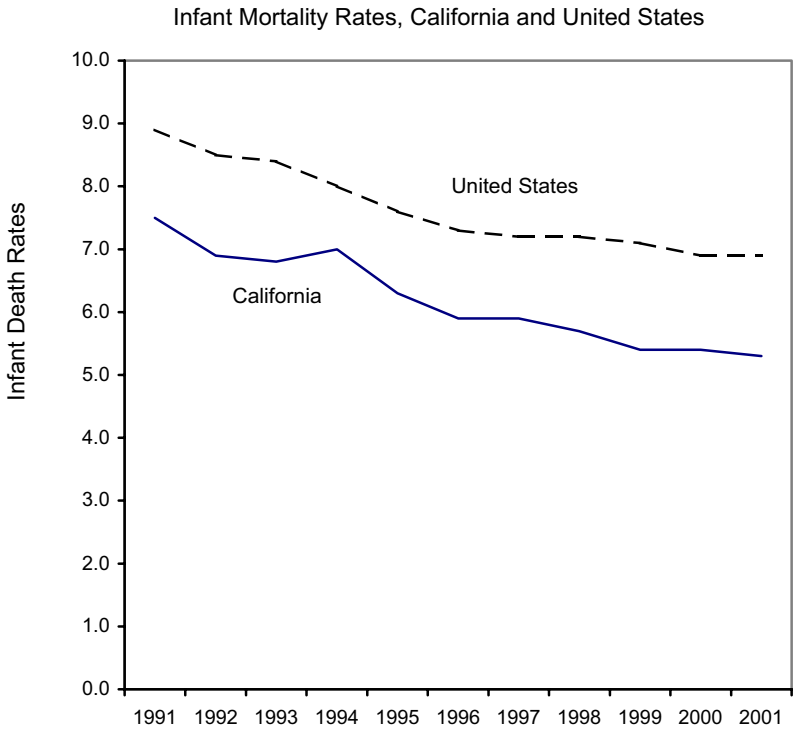


leading causes of death was unchanged from 1999 and 2000.

Heart disease and cancer (malignant neoplasms) accounted for over half (52.7 percent) of all deaths in California in 2001. Cerebrovascular disease (stroke), chronic lower respiratory disease, and accidents accounted for 17.4 percent of deaths in 2001. These were the five leading causes of death in the U.S. as well as California (Table 1-8).

California Infant and Fetal Deaths

There were 2,815 deaths of California resident infants (under one year of age) in 2001, a decrease of 2.4 percent from the 2000 level. Fetal deaths also declined from 3,046 in 2000 to 2,952 in 2001 (Table 1-1).



California's 2001 infant mortality rate was 5.3 infant deaths per 1,000 live births, a decrease of 1.9 percent from the 5.4 rate in 2000 and a decrease of 29.3 percent from the 7.5 rate in 1991. California's infant mortality rate continues to be lower than the U.S. rate (Table 1-4).

The neonatal (less than 28 days old) mortality rate decreased to 3.6 deaths per 1,000 live births in 2001 from 3.7 in 2000.

The postneonatal (28 days to less than 1 year of age) mortality rate increased to 1.8 from a rate of 1.7 in 2000 (Table 1-2).

Infant and Fetal Deaths: The Birth Cohort File

Chapters 3 and 4 report on Fetal Deaths and Infant Deaths, respectively, based on the 2001 fetal death and death certificate data. The following discussion, as well as Tables 1-10 through 1-13, are based on the Birth Cohort File for 2000, which is produced annually by the California Department of Health Services. The cohort file includes linked infant death and birth data. The primary advantage of data obtained from the cohort file over death and fetal death file data, is that birth information (birthweight, for example) for infants who died can be compared with all births. In addition, infant deaths can be tabulated by race of mother, which is correlated with many birth outcomes but is not reported on the death certificate. For additional discussion of the cohort file's benefits and general descriptive information about this file, please see Chapter 6.

In 2000 California had 2,962 deaths of resident infants and 3,046 fetal deaths. The cohort infant mortality rate was 5.6 deaths per 1,000 live births, and the fetal death rate was 5.7 fetal deaths per

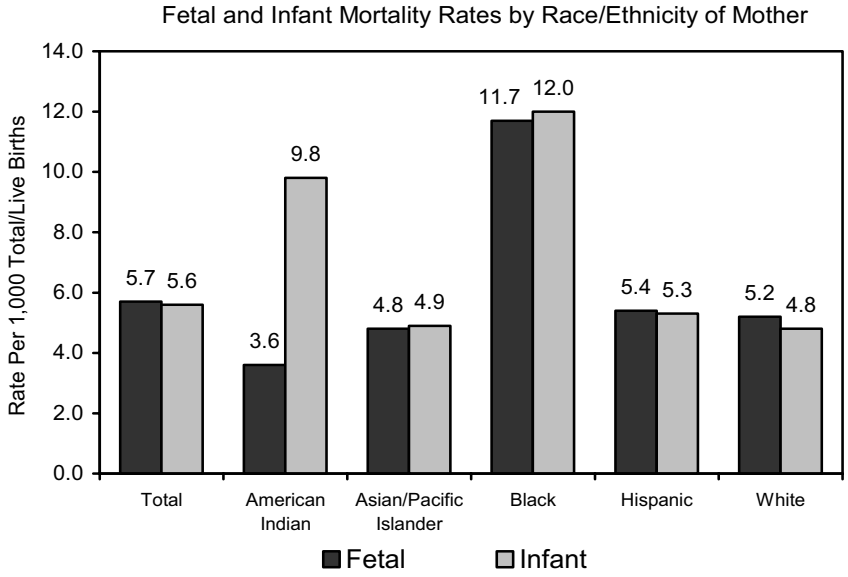
1,000 total births (live births plus fetal deaths). The perinatal death rate (fetal deaths of 20 or more weeks gestation plus deaths to infants under 28 days of age) was 9.5 per 1,000 total births.

Most infant deaths occur to babies born below normal birthweights. The lower the birthweight, the more likely an infant is to die, most likely within the first 28 days of life. Most babies (94.6 percent) born at less than 500 grams died in their first year of life; 98.3 percent of them in the first 28 days of life. Babies born between 500 and 999 grams had much lower mortality rates, with improvement again at 1000-1499 grams, and again at higher weights. (Table 1-10).

Infants born by Cesarean section had higher death rates (8.0 per 1,000 live births) than infants born vaginally (4.6 per 1,000). The death rate for infants born vaginally after a prior C-section was 5.8 per 1,000 (Table 1-11).

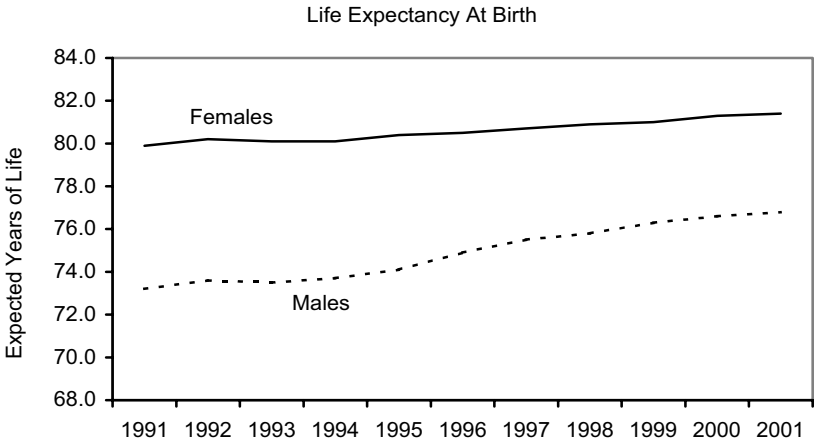
The death rate for infants born to Black mothers (12.0) was well over twice the total infant mortality rate (5.6). Infants born to American Indian mothers had the next highest rate of 9.8. Rates for infants of Hispanic, White, and Asian/Pacific Islander mothers were 5.3, 4.8, and 4.9 deaths per 1,000 live births, respectively (Table 1-12).

Fetal death rates were twice as high for Black mothers (11.7 per 1,000 total births) than for mothers of any other race/ethnic group (Table 1-12).



Infants born to younger and older mothers experienced higher infant mortality rates than those born to mothers in their 20s and early 30s (Table 1-13). Mothers under 15 and 15-17 had the highest rate of mortality for their infants; 17.9 and 7.9, respectively. Fetal death rates were also highest among younger and older mothers (Table 1-13).

Life Expectancy



Life expectancy for a child born in 2001 was 76.8 years for males and 81.4 years for females. This is a gain of 3.6 years of expected life from the 1991 level for males and a gain of 1.5 years for females (Table 1-14).

The average number of years of life remaining at age 65 in 2001 was 17.9 years for males and 20.5 years for females. This is a gain of 1.7 years of expected life from the 1991 level for males and a gain of 0.8 year for females.

Population

Tables 1-15 and 1-16 display population estimates and projections as used in this report. The data were provided by the Demographic Research Unit of the California Department of Finance and were based on 1990 census data. At the time of publication of this report, more current data based on the 2000 census data were not available.

TABLE 1-1. POPULATION, LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS, CALIFORNIA, 1970-2001 (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
2001	34,758,000	527,371	15.2	232,790	6.7	54	1.0	2,952	5.6	2,815	5.3
2000	**34,480,000**	**531,285**	**15.4**	**228,281**	**6.6**	**59**	**1.1**	**3,046**	**5.7**	**2,884**	**5.4**
1999	33,934,000	518,073	15.3	227,965	6.7	43	0.8	2,927	5.6	2,787	5.4
1998	33,387,000	521,265	15.6	225,450	6.8	34	0.7	3,053	5.9	2,994	5.7
1997	32,985,000	524,174	15.9	223,438	6.8	45	0.9	2,996	5.7	3,091	5.9
1996	32,501,000	538,628	16.6	222,308	6.8	30	0.6	3,330	6.2	3,186	5.9
1995	**32,291,000**	**551,226**	**17.1**	**222,626**	**6.9**	**47**	**0.9**	**3,355**	**6.1**	**3,478**	**6.3**
1994	32,155,000	567,034	17.6	222,854	6.9	55	1.0	3,299	5.8	3,948	7.0
1993	31,996,000	584,483	18.3	220,271	6.9	45	0.8	3,574	6.1	3,970	6.8
1992	31,719,000	600,838	18.9	214,586	6.8	57	0.9	3,704	6.2	4,174	6.9
1991	31,238,000	609,228	19.5	214,220	6.9	65	1.1	3,834	6.3	4,596	7.5
1990	**30,652,000**	**611,666**	**20.0**	**213,766**	**7.0**	**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; 1990-2000 Population: Intercensal Estimates of the Population of California: State and Counties 1990-2000, Report I 90-00 July, May 2001. 2001 Population: Population Estimates for California Counties, Report E-2, July 1, 1990 through July 1,2001, January 2002. Population for 2001 is provisional.

TABLE 1-2. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA COUNTIES, 2001

(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			Residence					Residence			Total		Neonatal		Postneonatal	
	Number	Rate	Occurrence	Number	Rate	Occurrence	Residence	Occurrence	Number	Mortality Ratio	Occurrence	Number	Mortality Rate	Number	Mortality Rate	Number	Mortality Rate
CALIFORNIA	527,371	15.2	528,609	232,790	6.7	234,683	54	56	2,952	5.6	2,972	2,815	5.3	1,889	3.6	926	1.8
Alameda	22,029	14.9	22,806	9,727	6.6	9,699	5	4	151	6.9	161	133	6.0	89	4.0	44	2.0
Alpine	12	10.1	-	4	3.4	9	-	-	-	-	-	-	-	-	-	-	-
Amador	264	7.4	194	397	11.1	330	-	-	1	a,b	1	1	a,b	1	a,b	-	-
Butte	2,314	11.2	2,783	2,240	10.8	2,378	-	-	15	6.5	21	10	4.3	6	2.6	4	a
Calaveras	323	7.8	93	370	8.9	244	-	-	-	-	-	2	a,b	2	a,b	-	-
Colusa	358	18.5	174	143	7.4	126	-	-	5	b	2	1	a,b	-	-	1	a,b
Contra Costa	13,126	13.4	11,315	6,858	7.0	6,730	1	3	75	5.7	67	53	4.0	32	2.4	21	1.6
Del Norte	275	9.9	283	264	9.5	279	-	-	-	-	-	3	a,b	1	a,b	2	a,b
El Dorado	1,698	10.4	1,192	1,161	7.1	916	-	-	14	8.2	12	9	5.3	6	3.5	3	a
Fresno	14,290	17.4	15,217	5,582	6.8	5,970	2	2	77	5.4	85	74	5.2	44	3.1	30	2.1
Glenn	406	15.1	-	224	8.3	149	-	-	5	b	-	-	-	-	-	-	-
Humboldt	1,500	11.7	1,527	1,294	10.1	1,289	-	-	9	6.0	8	6	4.0	2	a	4	a
Imperial	2,597	17.3	2,499	826	5.5	802	-	-	12	4.6	11	14	5.4	9	3.5	5	1.9
Inyo	180	9.9	193	212	11.6	198	-	-	1	a,b	1	2	a,b	2	a,b	-	-
Kern	11,723	17.2	11,291	4,868	7.1	4,643	1	1	94	8.0	91	77	6.6	46	3.9	31	2.6
Kings	2,134	16.1	2,468	703	5.3	614	-	-	9	4.2	10	9	4.2	4	a	5	2.3
Lake	609	10.1	426	814	13.5	663	-	-	5	b	2	4	a,b	2	a,b	2	a,b
Lassen	243	7.1	226	204	5.9	138	-	-	1	a,b	1	4	a,b	3	a,b	1	a,b
Los Angeles	153,523	15.7	158,782	59,774	6.1	60,859	20	20	876	5.7	930	828	5.4	551	3.6	277	1.8
Madera	2,187	16.8	1,562	937	7.2	808	2	1	13	5.9	12	13	5.9	7	3.2	6	2.7
Marin	2,865	11.5	1,967	1,879	7.5	1,954	-	-	7	2.4	3	8	2.8	5	1.7	3	a
Mariposa	153	9.0	4	151	8.9	103	-	-	1	a,b	-	1	a,b	-	-	1	a,b
Mendocino	1,061	12.1	1,004	855	9.8	779	-	-	4	a	4	10	9.4	5	4.7	5	4.7
Merced	3,952	18.3	3,264	1,395	6.4	1,195	-	-	31	7.8	22	21	5.3	15	3.8	6	1.5
Modoc	63	6.7	34	101	10.7	74	-	-	1	a,b	-	1	a,b	-	-	1	a,b
Mono	169	12.9	124	48	3.7	48	-	-	3	a,b	1	-	-	-	-	-	-
Monterey	7,176	17.6	6,645	2,470	6.1	2,388	-	-	36	5.0	28	39	5.4	31	4.3	8	1.1
Napa	1,565	12.2	1,225	1,272	9.9	1,254	-	-	6	3.8	5	3	a	1	a	2	a
Nevada	828	8.8	933	932	9.9	839	-	-	1	a,b	-	3	a,b	1	a,b	2	a,b
Orange	45,492	15.6	47,228	16,729	5.7	17,178	2	2	257	5.6	256	206	4.5	153	3.4	53	1.2
Placer	3,104	11.9	2,589	1,982	7.6	2,336	-	-	15	4.8	8	15	4.8	10	3.2	5	1.6
Plumas	147	7.0	131	204	9.7	159	-	-	1	a,b	1	-	-	-	-	-	-
Riverside	25,382	15.7	23,309	12,739	7.9	12,249	2	2	142	5.6	127	114	4.5	69	2.7	45	1.8
Sacramento	18,922	14.9	21,023	9,373	7.4	10,112	2	2	113	6.0	140	117	6.2	72	3.8	45	2.4
San Benito	978	17.7	631	272	4.9	179	-	-	6	b	3	4	a,b	2	a,b	2	a,b
San Bernardino	29,215	16.5	25,051	11,384	6.4	11,921	4	4	158	5.4	146	226	7.7	154	5.3	72	2.5
San Diego	43,758	15.1	45,416	19,871	6.9	20,413	5	5	213	4.9	217	246	5.6	180	4.1	66	1.5
San Francisco	8,233	10.4	12,282	6,489	8.2	6,717	-	2	38	4.6	71	31	3.8	21	2.6	10	1.2
San Joaquin	9,811	16.6	9,336	4,465	7.6	4,431	3	3	61	6.2	48	71	7.2	51	5.2	20	2.0
San Luis Obispo	2,436	9.7	2,364	2,015	8.0	1,971	-	-	12	4.9	17	15	6.2	9	3.7	6	2.5
San Mateo	10,263	14.4	5,646	4,768	6.7	4,684	-	-	46	4.5	22	39	3.8	28	2.7	11	1.1
Santa Barbara	5,612	13.8	5,804	2,907	7.2	2,879	-	-	30	5.3	27	26	4.6	19	3.4	7	1.2
Santa Clara	27,076	15.9	31,917	8,765	5.1	9,591	1	3	125	4.6	153	109	4.0	69	2.5	40	1.5
Santa Cruz	3,470	13.4	3,679	1,696	6.6	1,693	1	1	13	3.7	12	13	3.7	5	1.4	8	2.3
Shasta	1,942	11.5	1,956	1,778	10.5	1,959	-	-	7	3.6	8	12	6.2	4	a	8	4.1
Sierra	11	3.1	1	40	11.3	36	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	427	9.6	313	517	11.6	460	-	-	1	a,b	1	3	a,b	2	a,b	1	a,b
Solano	5,763	14.3	5,347	2,493	6.2	2,408	2	-	31	5.4	26	25	4.3	17	2.9	8	1.4
Sonoma	5,706	12.2	5,827	3,872	8.3	3,915	-	-	31	5.4	30	21	3.7	16	2.8	5	0.9
Stanislaus	7,586	16.3	8,363	3,577	7.7	3,843	1	1	52	6.9	55	56	7.4	43	5.7	13	1.7
Sutter	1,213	15.0	1,997	676	8.3	448	-	-	10	8.2	17	1	a	-	-	1	a
Tehama	636	11.3	566	633	11.2	462	-	-	6	b	4	4	a,b	3	a,b	1	a,b
Trinity	112	8.6	70	142	10.9	94	-	-	-	-	-	1	a,b	-	-	1	a,b
Tulare	7,319	19.5	6,493	2,690	7.2	2,490	-	-	46	6.3	40	48	6.6	34	4.6	14	1.9
Tuolumne	439	7.9	519	598	10.7	547	-	-	1	a,b	1	3	a,b	2	a,b	1	a,b
Ventura	11,329	14.6	10,630	4,729	6.1	4,424	-	-	63	5.6	54	60	5.3	51	4.5	9	0.8
Yolo	2,317	13.3	1,884	1,183	6.8	991	-	-	14	6.0	9	13	5.6	8	3.5	5	2.2
Yuba	1,049	17.1	6	498	8.1	615	-	-	7	6.7	1	7	6.7	2	a	5	4.8

* 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 pregnanacy, 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. 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, Death and Fetal Death Records.
State of California, Department of Finance, 2001 Population: Population Estimates for California Counties, Report E-2, July 1, 1990 through July 1, 2001, January 2002. Population for 2001 is provisional.

TABLE 1-3. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(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			Residence					Residence			Total		Neonatal		Postneonatal	
	Number	Rate	Occur-rence	Number	Rate	Occur-rence	Resi-dence	Occur-rence	Number	Mortality Ratio	Occur-rence	Number	Mortality Rate	Number	Mortality Rate	Number	Mortality Rate
CALIFORNIA	527,371	15.3	528,609	232,790	6.8	234,683	54	56	2,952	5.6	2,972	2,815	5.3	1,889	3.6	926	1.8
ALAMEDA	22,029	15.1	22,806	9,727	6.6	9,699	5	4	151	6.9	161	133	6.0	89	4.0	44	2.0
Berkeley[1]	1,046	10.1	7,520	600	5.8	872	-	1	4	a	51	5	4.8	4	a	1	a
LOS ANGELES	153,523	15.9	158,782	59,774	6.2	60,859	20	20	876	5.7	930	828	5.4	551	3.6	277	1.8
Long Beach[1]	8,192	17.5	9,285	3,343	7.2	3,719	1	2	47	5.7	61	38	4.6	17	2.1	21	2.6
Pasadena[1]	2,324	17.2	4,548	1,151	8.5	1,401	-	-	9	3.9	20	11	4.7	9	3.9	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.

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

Note: Infant deaths are those under one year. Neonatal deaths are those under 28 days. Postneonatal deaths are those occurring between the 28th day and the end of the first year of life. 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, 2001 Population: Report E-1 City/County Population Estimates, January 1, 2001 and 2002, May 2002.

TABLE 1-4. COMPARISON OF VITAL STATISTICS RATES, CALIFORNIA AND UNITED STATES, 1980-2001 (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 o 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
2001	15.2	14.5	71.1	66.9	2,232	2,115	6.7	8.5	5.3	6.9	3.6	4.6
2000	**15.4**	14.7	**71.9**	67.5	**2,255**	**2,130**	**6.6**	**8.7**	**5.4**	**6.9**	**3.7**	4.6
1999	15.3	14.5	70.5	65.9	2,207	2,075	6.7	8.8	5.4	7.1	3.6	4.7
1998	15.6	14.6	71.2	65.6	2,221	2,059	6.8	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	6.8	8.7	5.9	7.3	3.8	4.8
1995	**17.1**	**14.8**	**76.3**	**65.6**	**2,326**	**2,019**	**6.9**	**8.8**	**6.3**	**7.6**	**3.9**	**4.9**
1994	17.6	15.2	78.1	66.7	2,355	2,036	6.9	8.8	7.0	8.0	4.4	5.1
1993	18.3	15.5	80.1	67.6	2,387	2,046	6.9	8.8	6.8	8.4	4.2	5.3
1992	18.9	15.9	82.0	68.9	2,416	2,065	6.8	8.5	6.9	8.5	4.2	5.4
1991	19.5	16.3	83.5	69.6	2,445	2,073	6.9	8.6	7.5	8.9	4.6	5.6
1990	**20.0**	**16.7**	**84.7**	**70.9**	**2,444**	**2,081**	**7.0**	**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**

Source: State of California, Department of Health Services, Birth and Death Records.
State of California, Department of Finance, 1970-1996 Race/Ethnic Population Estimates with Age and Sex Detail, January 1998. 1997 and 1998 Population Estimates for California and Counties, Report E-2, May 2001.
1999-2001 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 2001, Vol. 51, No. 2, December, 2002;
Deaths: National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 2001, Vol 51, No. 5, March, 2003.

TABLE 1-5. GENERAL FERTILITY RATE, TOTAL FERTILITY RATE, AND BIRTH RATES BY AGE OF MOTHER, CALIFORNIA AND UNITED STATES, 1980-2001 (By Place of Residencce)

(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										
2001	71.1	2,231.7	0.6	45.1	110.9	127.2	102.3	49.6	11.3	0.9
2000	**71.9**	**2,255.5**	**0.7**	**48.1**	**114.8**	**127.0**	**101.5**	**48.5**	**11.2**	**0.8**
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										
2001	66.9	2,114.5	0.8	45.8	109.9	121.3	95.2	41.3	8.1	0.5
2000	**66.5**	**2,130.0**	**0.9**	**48.5**	**112.3**	**121.4**	**94.1**	**40.4**	**7.9**	**0.5**
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, 1970-1996 Race/Ethnic Population Estimates With Age and Sex Detail, January 1998: 1997 Population Estimates by Age, Sex, and Race/Ethnic Groups, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000. 1999-2001 Population: Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.
National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 2001, Vol.51, No.2, December 2002.

TABLE 1-6. COMPARISON OF PERCENT OF BIRTHS WITH SELECTED DEMOGRAPHIC AND MEDICAL CHARACTERISTICS, CALIFORNIA † AND UNITED STATES, 1990-2001 (By Place of Residence)

YEAR	PERCENTAGE OF 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	
	California	United States	California	United States	California	United States	California	United States	California	United States
2001	10.2	11.3	70.3	78.3	53.7	77.5	32.7	33.5	12.3	10.8
2000	**10.6**	**11.8**	**70.2**	**78.3**	**54.3**	**78.6**	**32.7**	**33.2**	**12.2**	**10.6**
1999	11.1	12.3	69.6	78.3	55.4	79.8	32.9	33.0	12.4	10.5
1998	11.4	12.5	69.0	78.1	56.0	80.5	32.8	32.8	12.8	10.5
1997	11.7	12.7	67.8	77.9	55.1	80.7	33.0	32.4	12.9	10.5
1996	12.0	12.9	66.5	77.6	54.7	80.8	31.4	32.4	13.1	10.4
1995	**12.4**	**13.1**	**66.0**	**77.4**	**55.5**	**81.5**	**32.1**	**32.2**	**13.1**	**10.3**
1994	12.3	13.1	65.2	77.1	55.5	81.5	35.6	32.6	13.2	10.5
1993	12.0	12.8	65.0	76.7	55.2	82.4	35.1	31.0	13.4	10.7
1992	11.8	12.7	64.6	76.4	55.6	83.0	34.2	30.1	13.4	10.8
1991	11.8	12.9	64.9	75.7	57.1	83.5	33.3	29.5	13.1	10.7
1990	**11.6**	**12.8**	66.0	**76.1**	**59.1**	**84.3**	**31.4**	**28.1**	**12.8**	**10.5**

YEAR	PERCENTAGE OF MEDICAL CHARACTERISTICS							
	Late or No Prenatal Care [2]		Preterm Birth [3]		Cesarean Births		Low Birthweight [4]	
	California	United States	California	United States	California	United States	California	United States
2001	2.9	3.7	10.4	11.9	25.1	24.4	6.3	7.7
2000	**3.1**	**3.9**	**10.4**	**11.6**	**23.4**	**22.9**	**6.2**	**7.6**
1999	3.2	3.8	10.5	11.8	22.7	22.0	6.1	7.6
1998	3.6	3.9	10.6	11.6	21.7	21.2	6.2	7.6
1997	3.7	3.9	10.4	11.4	21.0	20.8	6.1	7.5
1996	3.8	4.0	10.3	11.0	20.6	20.7	6.1	7.4
1995	**4.6**	**4.2**	**10.3**	**11.0**	**20.6**	**20.8**	**6.1**	**7.3**
1994	4.9	4.4	10.2	11.0	20.8	21.2	6.2	7.3
1993	5.0	4.8	10.2	11.0	21.3	21.8	6.0	7.2
1992	5.3	5.2	10.0	10.7	21.6	22.3	5.9	7.1
1991	6.3	5.8	10.0	10.8	22.3	22.6	5.8	7.1
1990	**7.0**	**6.1**	**10.0**	**10.6**	**22.3**	**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] Birth prior to 37 completed weeks of gestation.
[4] Birthweight of less than 2,500 grams (5lb 8oz).
† Births with unknown values were subtracted from total births prior to calculation of percentages.
This represents a change in methodology from tables done prior to 2000, and provides more appropriate comparison data with U.S. percents.

Source: State of California, Department of Health Services, Birth Records.
National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 2001, Vol. 51, No. 2, December, 2002.

TABLE 1-7. DEATHS, AGE-ADJUSTED DEATH RATES BY SEX, INFANT MORTALITY RATES, AGE-SPECIFIC DEATH RATES, AND PERCENT CHANGE IN DEATHS AND RATES, CALIFORNIA AND UNITED STATES, 2000-2001 (By Place of Residence)

DEATHS	CALIFORNIA						UNITED STATES					
	2000		2001		Percent Change		2000		2001		Percent Change	
	Number	Rates*	Number	Rates*	Number	Rates	Number	Rates*	Number	Rates*	Number	Rates
TOTAL	228,281	755.3	232,790	749.3	2.0	-0.8	2,403,351	872.0	2,417,762	855.0	0.6	-1.9
Males	114,005	897.0	116,000	884.5	1.7	-1.4	1,177,578	1042.5	1,183,721	1029.5	0.5	-1.2
Females	114,276	644.6	116,790	642.1	2.2	-0.4	1,225,773	739.1	1,234,041	722.4	0.7	-2.3
Under 1	2,884	542.8	2,815	533.8	-2.4	-1.7	28,035	690.7	27,801	689.2	-0.8	-0.2
1-4	572	25.7	537	23.9	-6.1	-6.9	4,979	32.9	5,125	33.4	2.9	1.5
5-14	830	14.9	778	13.7	-6.3	-8.0	7,413	18.7	7,100	17.3	-4.2	-7.5
15-24	3,036	65.8	3,409	71.7	12.3	9.0	31,307	81.6	32,157	80.5	2.7	-1.3
25-34	4,131	82.6	4,344	88.3	5.2	6.9	40,451	108.1	41,474	104.7	2.5	-3.1
35-44	9,168	159.4	9,261	160.6	1.0	0.8	89,798	200.0	91,457	203.2	1.8	1.6
45-54	16,284	364.4	17,342	371.0	6.5	1.8	160,341	431.6	167,836	428.3	4.7	-0.8
55-64	22,740	824.8	23,345	815.5	2.7	-1.1	240,846	1004.6	244,002	964.1	1.3	-4.0
65-74	40,001	2043.5	39,705	2008.8	-0.7	-1.7	441,209	2428.6	431,306	2355.2	-2.2	-3.0
75-84	66,557	5098.4	67,570	5051.8	1.5	-0.9	700,445	5688.4	702,657	5588.2	0.3	-1.8
85 +	61,970	13778.4	63,579	13580.1	2.6	-1.4	658,171	15321.5	666,456	15133.8	1.3	-1.2
Not Stated	108		105		-2.8		356		390		9.6	

* Rates for Total, Males, and Females are age-adjusted to the 2000 U.S. Standard. Rates for infants (under 1) are per 100,000 live births. All other rates are per 100,000 population in the specific age group.

Source: State of California, Department of Health Services, Death Records.
National Center for Health Statistics, National Vital Statistics Reports: Deaths: Preliminary Data for 2001, Vol. 51, No. 5, March, 2003.
National Center for Health Statistics, National Vital Statistics Reports: Deaths: Final Data for 2000, Vol. 50, No. 15, September, 2002.

TABLE 1-8. DEATHS, PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES FOR LEADING CAUSES OF DEATH, CALIFORNIA AND UNITED STATES, 2001 (By Place of Residence)

(Causes of death are coded to the Tenth Revision of the International Classification of Diseases.)

ICD CODES REV. 10	CAUSE OF DEATH	TOTAL DEATHS - CALIFORNIA					TOTAL DEATHS - UNITED STATES				
		RANK	DEATHS	PERCENT	DEATH RATE	AGE-ADJUSTED DEATH RATE	RANK	DEATHS	PERCENT	DEATH RATE	AGE-ADJUSTED DEATH RATE
A00-Y89	All Causes		232,790	100.0	660.7	749.3		2,417,798	100.0	849.0	855.0
I00-I09,I11,I13, I20-I51	Diseases of Heart	1	69,004	29.6	195.8	225.9	1	699,697	28.9	245.7	247.7
C00-C97	Malignant Neoplasms	2	53,810	23.1	152.7	173.4	2	553,251	22.9	194.3	195.8
I60-I69	Cerebrovascular Diseases	3	18,078	7.8	51.3	59.4	3	163,601	6.8	57.4	57.9
J40-J47	Chronic Lower Respiratory Diseases	4	13,056	5.6	37.1	43.0	4	123,974	5.1	43.5	44.0
V01-X59,Y85-Y86	Accidents	5	9,274	4.0	26.3	27.4	5	97,707	4.0	34.3	34.3
J10-J18	Influenza & Pneumonia	6	8,167	3.5	23.2	26.9	7	62,123	2.6	21.8	22.0
E10-E14	Diabetes	7	6,457	2.8	18.3	20.9	6	71,252	2.9	25.0	25.2
G30	Alzheimer's Disease	8	4,897	2.1	13.9	16.3	8	53,679	2.2	18.8	19.0
K70,K73-K74	Chronic Liver Disease & Cirrhosis	9	3,759	1.6	10.7	11.5	-	26,751	1.1	9.4	6.9
X60-X84,Y87.0	Intentional Self-Harm (Suicide)	10	3,256	1.4	9.2	9.6	-	29,423	1.2	10.3	10.3
RESIDUAL	All Other Causes		43,032	18.5				536,340	22.2		

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

Note: The leading causes are presented in 2001 ranking for California deaths.
Percents are rounded independently and may not add to totals.
Age-adjusted rates are calculated using the 2000 U.S. Standard.

Source: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 2001 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 2001, Vol 51, No. 5, March, 2002.

TABLE 1-9. NUMBER AND PERCENT OF INFANT DEATHS AND INFANT MORTALITY RATES FOR LEADING CAUSES OF INFANT DEATH, CALIFORNIA AND UNITED STATES, 2001 (By Place of Residence)

(Causes of death are coded to the Tenth Revision of the International Classification of Diseases. Infant mortality rates are per 100,000 live births.)

ICD CODES REV. 10	CAUSE OF DEATH	TOTAL INFANT DEATHS - CALIFORNIA				TOTAL INFANT DEATHS - UNITED STATES			
		RANK	DEATHS	PERCENT	MORTALITY RATE	RANK	DEATHS	PERCENT	MORTALITY RATE
A00-Y89	All Causes		2,815	100.0	533.8		27,798	100.0	688.0
Q00-Q99	Congenital Malformations, Deformations, and Chromosomal Abnormalities	1	712	25.3	135.0	1	5,608	20.2	138.8
P07	Disorders of Short Gestation and Low Birthweight	2	371	13.2	70.3	2	4,434	16.0	109.7
R95	Sudden Infant Death Syndrome	3	197	7.0	37.4	3	1,972	7.1	48.8
P22	Respiratory Distress of Newborn	4	98	3.5	18.6	5	1,016	3.7	25.1
P02	Complications of Placenta, Cord, and Membrane	4	98	3.5	18.6	6	1,012	3.6	25.0
P01	Effect of Maternal Complications of Pregnancy	6	87	3.1	16.5	4	1,451	5.2	35.9
P36	Bacterial Sepsis of Newborn	7	71	2.5	13.5	8	694	2.5	17.2
P50-P52, P54	Neonatal Hemorrhage	8	62	2.2	11.8	-	455	1.6	11.3
P20-P21	Intrauterine Hypoxia & Birth Asphyxia	9	60	2.1	11.4	10	548	2.0	13.6
I00-I99	Diseases of Circulatory System	10	58	2.1	11.0	9	637	2.3	15.8
V01-X59, Y85-Y86	Accidents	11	53	1.9	10.0	7	912	3.3	22.6
RESIDUAL	All Other Causes		948	33.7			9,059	32.6	

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

Note: The leading causes are presented in 2001 ranking for California infant deaths.
Percents are rounded independently and may not add to totals.

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 2001, Vol. 51, No. 5, March, 2003.

TABLE 1-10. BIRTHS, PERINATAL AND INFANT DEATHS, AND DEATH RATES BY BIRTHWEIGHT, CALIFORNIA, 2000
(By Place of Residence) (Based on 2000 Birth Cohort File)

BIRTHWEIGHT IN GRAMS	BIRTHS		PERINATAL DEATHS			INFANT DEATHS	
	Total Births	Live Births	Total Perinatal Deaths	Fetal Deaths	Neonatal Deaths	Post-neonatal Deaths	Total Infant Deaths
TOTAL	534,359	531,313	5,081	3,046	2,035	927	2,962
UNDER 500 GRAMS	1,460	633	1,416	827	589	10	599
500-999 GRAMS	2,990	2,293	1,286	697	589	85	674
1000-1499 GRAMS	3,417	3,114	441	303	138	52	190
1500-2499 GRAMS	27,301	26,783	784	518	266	164	430
2500 GRAMS AND OVER	499,098	498,433	1,088	665	423	597	1,020
UNKNOWN	93	57	66	36	30	19	49

BIRTHWEIGHT IN GRAMS	PERINATAL DEATH RATES			INFANT DEATH RATES	
	Total Perinatal Death Rates	Fetal Death Rates	Neonatal Death Rates	Post-neonatal Death Rates	Total Infant Death Rates
TOTAL [1]	9.5	5.7	3.8	1.7	5.6
UNDER 500 GRAMS	969.9	566.4	930.5	15.8	946.3
500-999 GRAMS	430.1	233.1	256.9	37.1	293.9
1000-1499 GRAMS	129.1	88.7	44.3	16.7	61.0
1500-2499 GRAMS	28.7	19.0	9.9	6.1	16.1
2500 GRAMS AND OVER	2.2	1.3	0.8	1.2	2.1

[1] Includes unknown birthweight.

Note: Total births are live births plus fetal deaths of 20 weeks or more gestation.
Neonatal deaths are deaths under 28 days of age.
Perinatal deaths are neonatal deaths plus fetal deaths of 20 weeks or more gestation.
Postneonatal deaths are deaths occurring between the 28th day and the end of the first year of life. Infant deaths are under one year of age.
Fetal and perinatal death rates are per 1,000 total births.
Neonatal, postneonatal, and infant death rates are per 1,000 live births.
Death rates based on small numbers are highly unreliable.

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

TABLE 1-11. BIRTHS, PERINATAL AND INFANT DEATHS, AND DEATH RATES BY METHOD OF DELIVERY, CALIFORNIA, 2000
(By Place of Residence) (Based on 2000 Birth Cohort File)

METHOD OF DELIVERY	BIRTHS		PERINATAL DEATHS		INFANT DEATHS		
	Total Births	Live Births	Total Perinatal Deaths	Fetal Deaths	Neonatal Deaths	Post-Neonatal Deaths	Total Infant Deaths
TOTAL	534,359	531,313	5,081	3,046	2,035	927	2,962
CESAREAN	124,838	124,462	1,036	376	660	334	994
VAG-AFTER CS	8,643	8,559	121	84	37	13	50
VAGINAL	400,754	398,200	3,825	2,554	1,271	555	1,826
UNKNOWN	124	92	99	32	67	25	92

METHOD OF DELIVERY	PERINATAL DEATHS		INFANT DEATHS		
	Total Perinatal Death Rates	Fetal Death Rates	Neonatal Death Rates	Post-neonatal Death Rates	Total Infant Death Rates
TOTAL[1]	9.5	5.7	3.8	1.7	5.6
CESAREAN	8.3	3.0	5.3	2.7	8.0
VAG-AFTER CS	14.0	9.7	4.3	1.5	5.8
VAGINAL	9.5	6.4	3.2	1.4	4.6

[1] Includes unknown method of delivery.

Note: Total births are live births plus fetal deaths of 20 weeks or more gestation.
Neonatal deaths are deaths under 28 days of age.
Perinatal deaths are neonatal deaths plus fetal deaths of 20 weeks or more gestation.
Postneonatal deaths are are deaths occurring between the 28th day and the end of the first year of life. Infant deaths are under one year of age.
Fetal and perinatal death rates are per 1,000 total births.
Neonatal, postneonatal, and infant death rates are per 1,000 live births.
Death rates based on small numbers are highly unreliable.

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

TABLE 1-12. BIRTHS, PERINATAL AND INFANT DEATHS, AND DEATH RATES BY RACE/ETHNIC GROUP * OF MOTHER, CALIFORNIA, 2000 (By Place of Residence) (Based on 2000 Birth Cohort File)

RACE/ETHNICITY OF MOTHER	BIRTHS		PERINATAL DEATHS			INFANT DEATHS	
	Total Births	Live Births	Total Perinatal Deaths	Fetal Deaths	Neonatal Deaths	Post-neonatal Deaths	Total Infant Deaths
TOTAL	534,359	531,313	5,081	3,046	2,035	927	2,962
AMERICAN INDIAN	2,250	2,242	18	8	10	12	22
ASIAN/PACIFIC ISLANDER	63,148	62,846	507	302	205	104	309
BLACK	34,153	33,754	670	399	271	134	405
HISPANIC	259,351	257,963	2,332	1,388	944	410	1,354
WHITE	172,068	171,173	1,453	895	558	260	818
OTHER	197	194	5	3	2	-	2
UNKNOWN	3,192	3,141	96	51	45	7	52

RACE/ETHNICITY OF MOTHER	PERINATAL DEATH RATES			INFANT DEATH RATES	
	Total Perinatal Death Rates	Fetal Death Rates	Neonatal Death Rates	Post-neonatal Death Rates	Total Infant Death Rates
TOTAL[1]	9.5	5.7	3.8	1.7	5.6
AMERICAN INDIAN	8.0	3.6	4.5	5.4	9.8
ASIAN/PACIFIC ISLANDER	8.0	4.8	3.3	1.7	4.9
BLACK	19.6	11.7	8.0	4.0	12.0
HISPANIC	9.0	5.4	3.7	1.6	5.3
WHITE	8.4	5.2	3.3	1.5	4.8
OTHER	25.4	15.2	10.3	-	10.3

* Beginning in 2000, up to three races were reported on birth and death certificates. The race categories on this table were generated from the first mentioned race or Hawaiian (if Hawaiian was second or third). Trends should be viewed with caution. See Chapter 6.
American Indian, Asian/Pacific Islander, Black, White, Other, and Unknown exclude Hispanic ethnicity.
Hispanic includes any race category.

[1] Includes unknown race/ethnicity. - Represents zero events.

Note: Total births are live births plus fetal deaths of 20 weeks or more gestation.
Neonatal deaths are deaths under 28 days of age.
Perinatal deaths are neonatal deaths plus fetal deaths of 20 weeks or more gestation.
Postneonatal deaths are deaths occurring between the 28th day and the end of the first year of life.
Infant deaths are under one year of age.
Fetal and perinatal death rates are per 1,000 total births.
Neonatal, postneonatal, and infant death rates are per 1,000 live births.
Death rates based on small numbers are highly unreliable.

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

TABLE 1-13. BIRTHS, PERINATAL AND INFANT DEATHS, AND DEATH RATES BY AGE OF MOTHER, CALIFORNIA, 2000
(By Place of Residence) (Based on 2000 Birth Cohort File)

AGE OF MOTHER	BIRTHS		PERINATAL DEATHS			INFANT DEATHS	
	Total Births	Live Births	Total Perinatal Deaths	Fetal Deaths	Neonatal Deaths	Post-neonatal Deaths	Total Infant Deaths
TOTAL	534,359	531,313	5,081	3,046	2,035	927	2,962
UNDER 15	908	895	22	13	9	7	16
15-17	18,997	18,886	200	111	89	61	150
18-19	36,707	36,489	375	218	157	105	262
20-24	123,194	122,581	1,023	613	410	239	649
25-29	140,296	139,604	1,211	692	519	220	739
30-34	128,171	127,509	1,100	662	438	146	584
35-39	69,184	68,681	802	503	299	102	401
40-44	15,765	15,613	230	152	78	28	106
45 AND OVER	970	957	18	13	5	2	7
UNKNOWN	167	98	100	69	31	17	48

AGE OF MOTHER	PERINATAL DEATH RATES			INFANT DEATH RATES	
	Total Perinatal Death Rates	Fetal Death Rates	Neonatal Death Rates	Post-neonatal Death Rates	Total Infant Death Rates
TOTAL [1]	9.5	5.7	3.8	1.7	5.6
UNDER 15	24.2	14.3	10.1	7.8	17.9
15-17	10.5	5.8	4.7	3.2	7.9
18-19	10.2	5.9	4.3	2.9	7.2
20-24	8.3	5.0	3.3	2.0	5.3
25-29	8.6	4.9	3.7	1.6	5.3
30-34	8.6	5.2	3.4	1.2	4.6
35-39	11.6	7.3	4.4	1.5	5.8
40-44	14.6	9.6	5.0	1.8	6.8
45 AND OVER	18.6	13.4	5.2	2.1	7.3

[1] Includes unknown age of mother.

Note: Total births are live births plus fetal deaths of 20 weeks or more gestation. Neonatal deaths are deaths under 28 days of age. Perinatal deaths are neonatal deaths plus fetal deaths of 20 weeks or more gestation. Postneonatal deaths are deaths occurring between the 28th day and the end of the first year of life. Infant deaths are under one year of age.
Fetal and perinatal death rates are per 1,000 total births.
Neonatal, postneonatal, and infant death rates are per 1,000 live births.
Death rates based on small numbers are highly unreliable.

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

TABLE 1-14. 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, 1990-2001

YEAR	AT BIRTH		AT 65 YEARS	
	MALE	FEMALE	MALE	FEMALE
2001	76.8	81.4	17.9	20.5
2000	**76.6**	**81.3**	**17.6**	**20.4**
1999	76.3	81.0	17.3	20.1
1998	75.8	80.9	17.1	20.1
1997	75.5	80.7	17	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**	**11.8**	**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.

National Office of Vital Statistics, Abridged Life Tables, United States, Vital Statistics Special Reports, Vol. 42, No. 10, October 14, 1953.

Schoen, Robert and Marion Collins, Mortality by Cause: Life Tables for California 1950-1970. California State Department of Public Health.

State of California, Department of Health Services, Birth and Death Records.
State of California, Department of Finance, 1999-2001 Population: 1970-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 1-15. NUMBER AND PERCENT OF WOMEN OF CHILDBEARING AGE BY AGE GROUP, CALIFORNIA AND UNITED STATES, 1998-2001

AGE GROUP	CALIFORNIA		UNITED STATES	
	Number	Percent	Number	Percent
2001				
Total (15-44)	7,419,374	100.0	60,139,584	100.0
10-14	1,332,883	-	9,880,471	-
15-19	1,175,476	15.8	9,742,425	16.2
20-24	1,110,930	15.0	9,298,249	15.5
25-29	1,072,669	14.5	8,724,955	14.5
30-34	1,251,213	16.9	9,905,270	16.5
35-39	1,386,656	18.7	10,949,346	18.2
40-44	1,422,430	19.2	11,519,339	19.2
45-49	1,246,990	-	10,393,696	-
2000				
Total (15-44)	7,384,156	100.0	61,576,997	100.0
10-14	1,260,411	-	10,007,875	-
15-19	1,151,591	15.6	9,828,886	16.0
20-24	1,068,218	14.5	9,276,187	15.1
25-29	1,099,090	14.9	9,582,576	15.6
30-34	1,255,934	17.0	10,188,619	16.5
35-39	1,416,449	19.2	11,387,968	18.5
40-44	1,392,874	18.9	11,312,761	18.4
45-49	1,210,080	-	10,202,898	-
1999				
Total (15-44)	7,346,005	100.0	60,107,320	100.0
10-14	1,209,875	-	9,536,777	-
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
45-59	1,172,206	-	9,855,557	-
1998				
Total (15-44)	7,316,384	100.0	60,075,982	100.0
10-14	1,173,580	-	9,375,856	-
15-19	1,084,825	14.8	9,478,309	15.8
20-24	1,012,946	13.8	8,670,029	14.4
25-29	1,147,923	15.7	9,346,358	15.6
30-34	1,302,826	17.8	10,186,976	17.0
35-39	1,425,515	19.5	11,363,220	18.9
40-44	1,342,349	18.3	11,031,090	18.4
45-49	1,144,053	-	9,574,035	-

\- Percents for ages 10-14 and 45-49 not included in total.

Source: State of California, Department of Finance, 1998 Population Estimates with Age, Sex, and, Race/Ethnic Detail, October 2000; 1999-2001 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.
U.S. Census Bureau, Population Division: Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1999. Internet Release Date: April 11, 2000; Census 2000 Population Summary File 2 (SF2).
National Center for Health Statistics, National Vital Statistics Reports: Births: Final Data for 2001, Vol. 51, No. 2, December 2002.

TABLE 1-16. POPULATION BY AGE AND SEX, CALIFORNIA, 1991-2001

TOTAL POPULATION

AGES	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	30,563,276	31,186,559	31,515,753	31,790,557	32,062,912	32,383,811	32,956,695	33,492,817	34,072,478	34,653,395	35,233,335
Under 1	609,415	612,811	582,503	573,336	552,649	540,625	526,869	522,034	553,480	556,635	560,999
1-4	2,029,037	2,173,164	2,281,146	2,340,237	2,356,048	2,298,325	2,247,883	2,211,332	2,218,731	2,225,385	2,243,262
5-14	4,339,571	4,460,630	4,556,999	4,654,241	4,760,414	4,914,945	5,126,482	5,284,863	5,438,254	5,567,090	5,672,643
15-24	4,551,721	4,497,128	4,407,264	4,314,391	4,247,442	4,217,867	4,287,123	4,356,208	4,490,994	4,615,641	4,753,513
25-34	5,734,779	5,740,799	5,658,729	5,569,897	5,472,130	5,357,377	5,295,965	5,208,869	5,088,372	4,998,216	4,918,489
35-44	4,841,131	4,966,673	5,074,808	5,179,154	5,285,866	5,401,744	5,520,289	5,644,380	5,703,159	5,751,694	5,765,426
45-54	2,993,305	3,177,217	3,339,827	3,488,007	3,643,480	3,806,109	3,972,821	4,131,786	4,284,494	4,469,059	4,674,074
55-64	2,246,345	2,261,325	2,268,288	2,288,474	2,315,263	2,359,866	2,432,927	2,541,885	2,647,776	2,756,954	2,862,622
65-74	1,901,985	1,936,963	1,949,077	1,949,559	1,953,708	1,954,134	1,949,636	1,948,692	1,945,679	1,957,505	1,976,584
75-84	1,010,085	1,040,341	1,066,524	1,092,670	1,122,133	1,161,701	1,205,134	1,236,392	1,272,523	1,305,454	1,337,545
85+	305,902	319,508	330,588	340,591	353,779	371,118	391,566	406,376	429,016	449,762	468,178

MALE POPULATION

AGES	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	15,301,183	15,616,376	15,782,166	15,921,009	16,062,552	16,227,924	16,524,576	16,795,345	17,099,812	17,398,995	17,694,411
Under 1	311,734	313,683	298,309	293,367	282,371	276,538	269,593	266,390	283,033	284,653	286,873
1-4	1,038,584	1,112,073	1,167,037	1,197,222	1,205,502	1,175,708	1,150,084	1,131,193	1,134,840	1,138,537	1,147,543
5-14	2,222,443	2,283,622	2,333,340	2,382,992	2,436,320	2,514,194	2,623,174	2,704,999	2,785,041	2,851,540	2,906,408
15-24	2,416,889	2,380,353	2,324,262	2,265,036	2,222,004	2,198,841	2,231,053	2,258,544	2,331,075	2,395,832	2,467,107
25-34	2,979,230	2,990,551	2,956,504	2,921,167	2,881,288	2,828,447	2,801,042	2,758,217	2,693,838	2,643,192	2,594,607
35-44	2,439,155	2,504,098	2,561,897	2,618,204	2,676,974	2,741,290	2,806,428	2,876,572	2,911,607	2,942,371	2,956,340
45-54	1,485,669	1,577,359	1,657,248	1,729,680	1,806,538	1,887,994	1,971,051	2,050,795	2,127,558	2,221,466	2,325,619
55-64	1,076,478	1,088,515	1,095,750	1,108,322	1,123,352	1,146,990	1,183,049	1,236,490	1,289,251	1,343,573	1,396,328
65-74	846,086	862,045	868,262	870,059	875,138	879,924	882,049	885,190	889,827	901,472	916,584
75-84	395,320	409,526	421,715	433,823	447,186	465,740	486,886	501,453	519,523	533,995	547,455
85+	89,595	94,551	97,842	101,137	105,879	112,258	120,167	125,502	134,219	142,364	149,547

FEMALE POPULATION

AGES	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	15,262,093	15,570,183	15,733,587	15,869,548	16,000,360	16,155,887	16,432,119	16,697,472	16,972,666	17,254,400	17,538,924
Under 1	297,681	299,128	284,194	279,969	270,278	264,087	257,276	255,644	270,447	271,982	274,126
1-4	990,453	1,061,091	1,114,109	1,143,015	1,150,546	1,122,617	1,097,799	1,080,139	1,083,891	1,086,848	1,095,719
5-14	2,117,128	2,177,008	2,223,659	2,271,249	2,324,094	2,400,751	2,503,308	2,579,864	2,653,213	2,715,550	2,766,235
15-24	2,134,832	2,116,775	2,083,002	2,049,355	2,025,438	2,019,026	2,056,070	2,097,664	2,159,919	2,219,809	2,286,406
25-34	2,755,549	2,750,248	2,702,225	2,648,730	2,590,842	2,528,930	2,494,923	2,450,652	2,394,534	2,355,024	2,323,882
35-44	2,401,976	2,462,575	2,512,911	2,560,950	2,608,892	2,660,454	2,713,861	2,767,808	2,791,552	2,809,323	2,809,086
45-54	1,507,636	1,599,858	1,682,579	1,758,327	1,836,942	1,918,115	2,001,770	2,080,991	2,156,936	2,247,593	2,348,455
55-64	1,169,867	1,172,810	1,172,538	1,180,152	1,191,911	1,212,876	1,249,878	1,305,395	1,358,525	1,413,381	1,466,294
65-74	1,055,899	1,074,918	1,080,815	1,079,500	1,078,570	1,074,210	1,067,587	1,063,502	1,055,852	1,056,033	1,060,000
75-84	614,765	630,815	644,809	658,847	674,947	695,961	718,248	734,939	753,000	771,459	790,090
85+	216,307	224,957	232,746	239,454	247,900	258,860	271,399	280,874	294,797	307,398	318,631

Source: State of California, Department of Finance, 1991-1996 Population: 1970-1996 Population Estimates with Age, Sex, and Race/Ethnic Detail, January 1998; 1997 Population Estimates with Age, Sex, and Race/Ethnic Detail, June 1999; 1998 Population Estimates with Age, Sex, and Race/Ethnic Detail, October 2000; 1999-2001 Population: 1997-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

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SUMMARY OF NATALITY

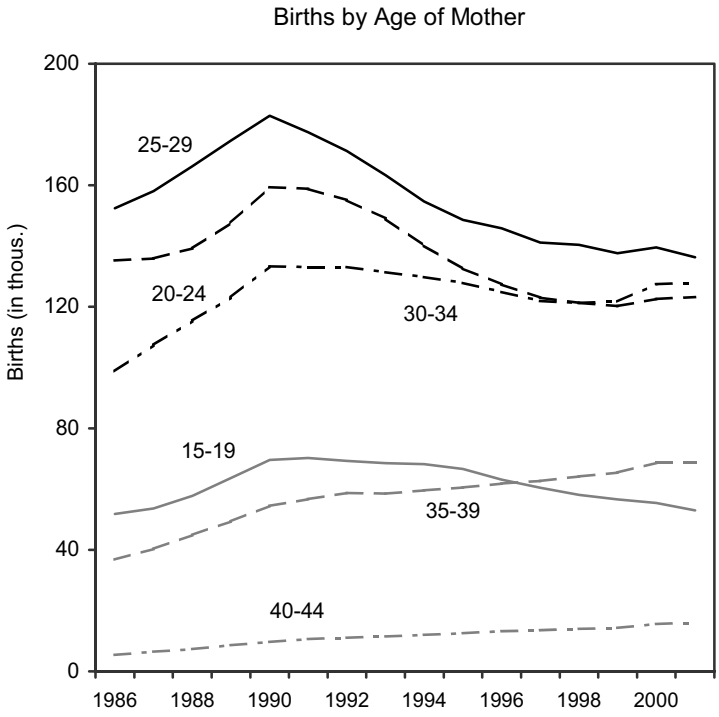
There were 527,371 babies born to California residents during 2001, a decrease of 3,914 or 0.7 percent from 2000. There have been decreases in the number of births for nine of the last ten years (Table 2-1).

Age of Mother

The number of births decreased in 2001 among mothers under 15 and age groups 15-19 and 25-29. The number of births increased for mothers' age groups 20-24, and 30-34 through 45 and over.

Births among mothers under 15 had the largest decrease between 2001 and 2000, down 9.5 percent. The number of live births for mothers under 15 has been decreasing since 1995.

Mothers in the age groups of 40-44 and 45 and over had the largest proportional increases with 2.7 and 12.6 percent respectively. Live births to mothers' age group 40-44 have been increasing for the last 23 years. Live births to mothers' age group 45 and over have been increasing for the last 16 years.



Race/Ethnicity of Mother

Note: Beginning in 2000, race reporting changed to allow for up to three races to be reported for parents on their child's birth certificates. In 2001, 9,925 resident births (1.9 percent) were reported as being to mothers of more than one race group. Due to this change, data for race and race/ethnic groups in this report are only comparable to the year 2000 data tables. For further information see Chapter 6.

The tables in this report, marked "By Race/Ethnicity", show data with a "2 or More Race Groups" category that includes all non-Hispanic respondents who reported two or three race groups.

Among the race/ethnic groups in 2001, Hispanic women accounted for largest number of births, 260,996 or 49.5 percent of all births. For the non-Hispanic groups there were 163,996 births to women of White/Other races, 57,443 births to Asian women, and 30,965 births to Black women. Non-Hispanic women who reported being of 2 or More Race Groups accounted for 6,388 births, while there were 2,355 births to Pacific Islander women and 1,986 births to American Indian women (Table 2-4).

Race of Mother

Note: Tables marked "By Race of Mother" provide race data irrespective of Hispanic origin. Most California residents of Hispanic origin are white. Please note that "2 or More Race Groups" refers to mothers who reported two or more of the following race categories: American Indian or Alaska Native, Asian, Black or African American, Pacific Islander, White, and Other. For further information see Preface and Chapter 6.

In 2001, 80.1 percent of all births were to White/Other women, 6.0 percent to Black women, 2.8 percent to Filipino women, 2.3 percent to Chinese women, and 1.9 percent to women of 2 or More Race Groups. These five race groups accounted for 93.1 percent of all births by race in 2001. The remaining births were distributed among 15 other races (Table 2-35).

Birth and Fertility Rates

The birth rate in California in 2001 was 15.2 live births per 1,000 population, down 1.3 percent from the 15.4 rate in 2000 and down 22.1 percent from the 19.5 rate in 1991 (Table 1-1). In 2001 the birth rates for California counties ranged from a low of 3.1 in Sierra County to a high of 19.5 in Tulare County (Table 1-2).

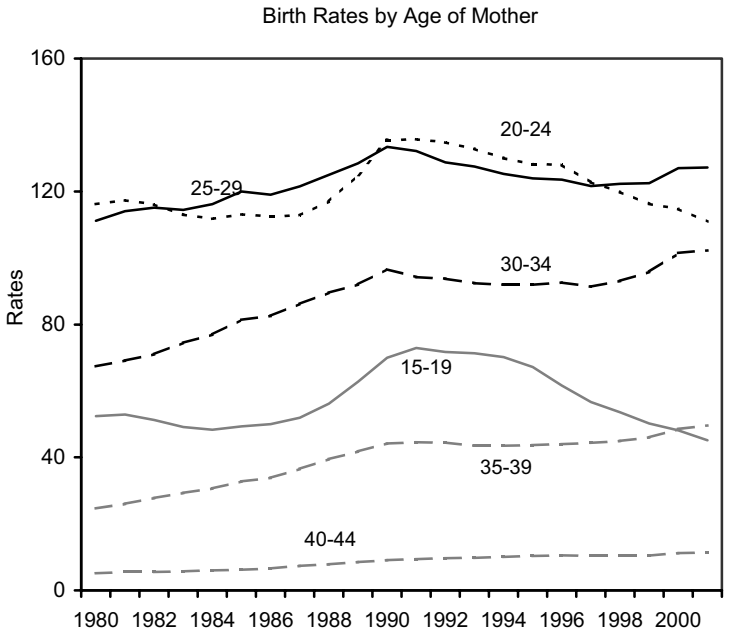
California's 2001 general fertility rate was 71.1 births per 1,000 women ages 15-44, down 1.1 percent from 2000 and down 14.9 percent from 1991 (Table 2-2). Among California counties with at least five births and at least 1,000 population, Modoc County had the lowest fertility rate at 31.6, and Monterey County had the highest rate at 90.5 (Table 2-30).

Birth Rates by Age of Mother

In 2001 California's age-specific birth rates (per 1,000 women in the age group) decreased from 2000 rates for women in age groups under 15 through 20-24 and increased for women in age groups 25-29 through 45 and over (Table 2-2).

Women ages 20-24 and 25-29 had the highest overall birth rates. In 2001, the rate for 20-24 year old women continued its decade of decline, to 110.9. The rate for 25-29 year old women overtook the rate for 20-24 year old women in 1998 and increased slightly in 2001 to 127.2.

The birth rates for women 30-34 and 35-39 began increasing in 1998 and continued to increase in 2001, to 102.3 and 49.6 respectively. Births to women 40-44 continued a decades-long increase, from 9.4 in 1991 to 11.3 in 2001. Rates for women 45 and over, though very low, are also rising, to 0.9 in 2001.



Teen Birth Rates

The 2001 birth rate for women 15-19 years was 45.1 births per 1,000 women ages 15-19, down from the rate of 48.1 in 2000 and 72.9 in 1991 (Table 2-2). Among the 49 counties with at least 5 births and 1,000 population in this age group, the 2001 birth rates for women 15-19 ranged from 12.1 in Marin County to 81.0 in Madera County.

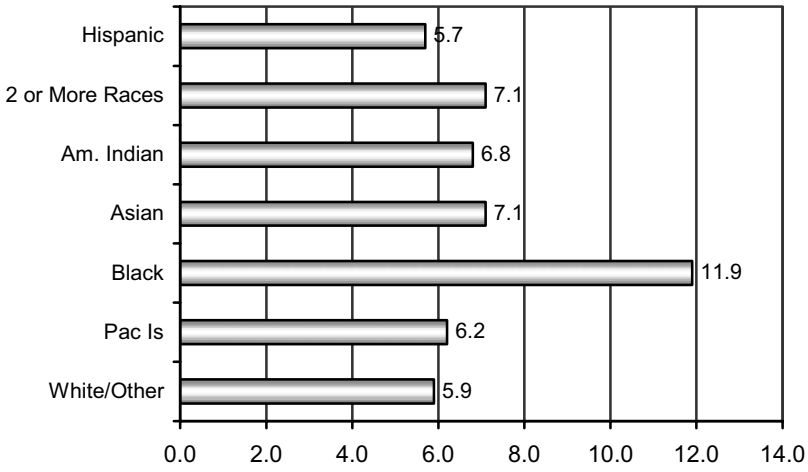
The birth rate in 2001 for women under 15 years was 0.6 births per 1,000 women ages 10-14. This rate was down 14.3 and 60.0 percent from the rates in 2000 and 1991 (Table 2-2). Among the 28 counties with at least 5 births and 1,000 population in this age group, the 2001 birth rate for women under 15 years ranged from 0.3 in Sonoma County to 1.7 in Madera County (Table 2-30).

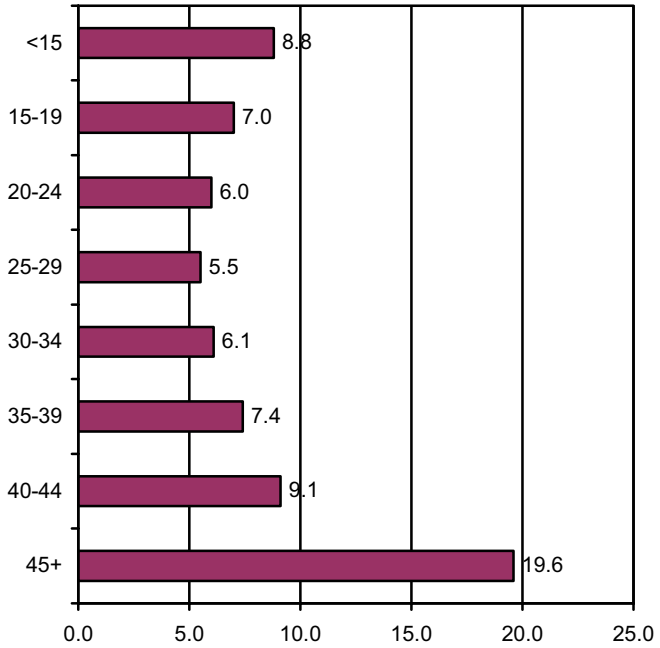
Low Birthweight

In 2001 there were 33,196 low birthweight (less than 2500 grams or 5 pounds 8 ounces) births in California, 6.3 percent of all births. This percent was up from 6.2 in 2000 (Table 2-6).

Black women had the highest percent of low birthweight births in 2001, 11.9 percent. Multi-racial mothers (2 or More Race Groups) and Asian mothers were next with 7.1 percent.

American Indian women had 6.8 percent low birthweight births, while Pacific Islander and White/Other women had 6.2 and 5.9 percent respectively. Hispanic women had 5.7 percent low birthweight births.





The oldest and youngest mothers experienced the highest percentage of low birthweight births (Table 2-12). The highest percent of low birthweight births occurred to women 45 and older (19.6 percent), which was much higher than the next highest age groups, 40-44 years old (9.1 percent) and under 15 years old (8.8 percent).

The lowest percentage of low birthweight births occurred to women ages 25-29 (5.5 percent), followed by slightly young and older mothers. The percent of low birthweight births increased as age of mother increased or decreased.

Premature Births

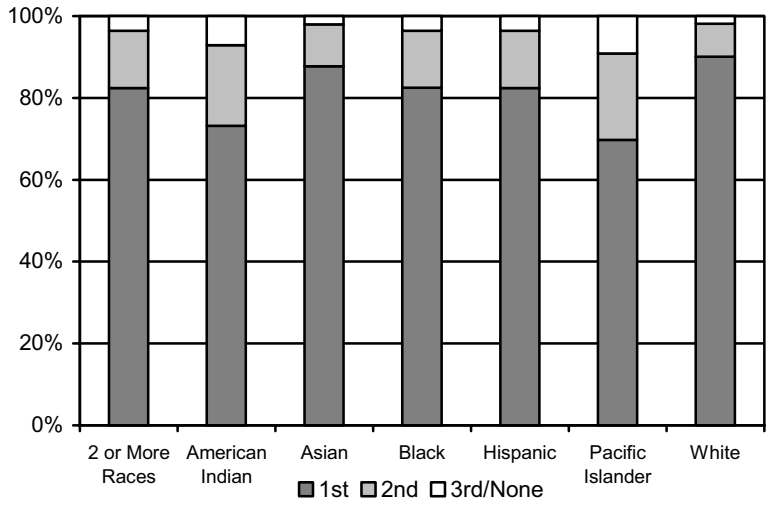
In 2001 there were 51,974 premature births (less than 37 weeks of gestation), 10.4 percent of all live births (Table 2-6). Of these premature births, 19,423 or 37.4 percent were low birthweight (under 2500 grams or 5.5 pounds) (Table 2-8). Of the very low birthweight infants (less than 1500 grams or 3.3 pounds), 93.5 percent were premature.

Prenatal Care

In 2001, 85.4 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 11.7 and 2.4 percent, respectively. Women received no prenatal care for 2,937 births, 0.6 percent of all births (Table 2-11). Of these births with no prenatal care, 20.4 percent were low birthweight babies (Table 2-13).

By age group, first trimester prenatal care ranged from 52.1 percent for women under 15 years to 89.8 percent for women ages 30-34 (Table 2-11).

By race/ethnic groups, first trimester prenatal care ranged from 69.7 percent for Pacific Islander women to 90.1 percent for White/Other women (Table 2-11).



Cesarean Sections

In 2001, 132,473 or 25.1 percent of all births occurred by cesarean section, up from 23.4 percent in 2000. In the 56 counties with at least five Cesarean sections, the percentage of these births ranged from 15.6 percent in Inyo County to 36.9 percent in Imperial County (Tables 2-16 and 2-25).

Multiple Births

In 2001 there were 512,256 single live births, 97.1 percent of all births to California residents. There were 14,440 twin births, 2.7 percent of all births and there were 602 triplet births, 0.1 percent. The percentage of single births was down slightly from 97.2 percent in 2000 and the percentage of twin births was up slightly. The percentages of all the other multiple births were unchanged (Table 2-14).

Teenage Parents

In 2001 there were 53,776 births to women under the age of 20 (Tables 2-1 and 2-4). This number decreased to 10.2 percent of all births in 2001 compared with 10.6 percent of births in 2000. Among

55 counties with at least 100 births, the percentage of mothers under 20 years of age ranged from 2.7 percent in Marin County to 22.3 percent in Trinity County (Table 2-28).

In 2001 there were 18,393 births to fathers under the age of 20 (Table 2-32). This was 3.8 percent of all live births in 2001 compared to 4.1 percent in 2000. Among the 55 counties with at least 100 births, the percent of fathers under 20 years of age ranged from 0.6 percent in Marin County to 7.7 percent in Amador County.

Education of Parents

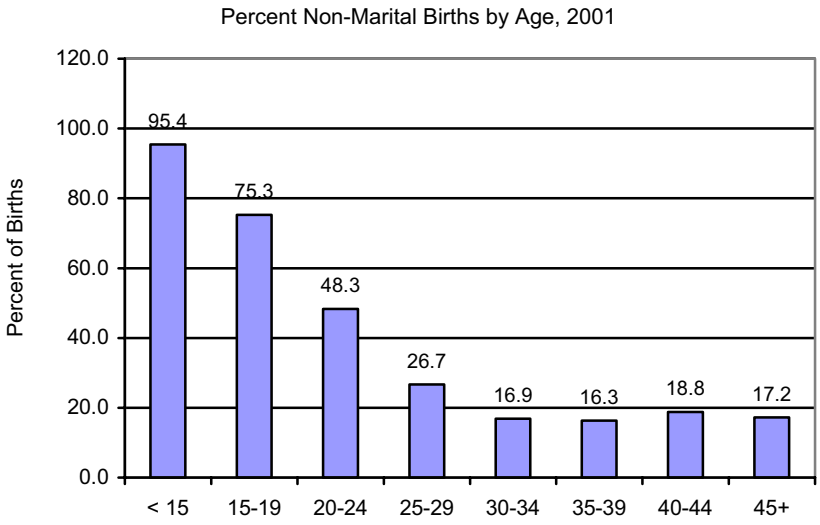
In 2001, 70.3 percent of mothers and 72.2 percent of fathers had completed 12 or more years of education. In 2000, 70.2 percent of mothers and 72.5 percent of fathers had completed 12 or more years of education (Table 2-28).

Among the 55 counties with at least 100 births in 2001, the percent of births to mothers completing 12 or more years of education ranged from 52.8 percent in Monterey County to 90.2 percent in Placer County. The percent of fathers completing 12 years or more of education ranged from 52.5 percent in Monterey County to 90.6 percent in Placer County (Table 2-28).

Marital Status

In 2001, 32.7 percent of all live births were to unmarried women. Among the 55 counties with at least 100 births, the percentages of births to unmarried women ranged from 16.4 percent in Marin County to 49.5 percent in Del Norte County (Table 2-28).

The percent of non-marital births was highest among teen mothers, and decreased with increasing mother's age. Among teenagers, 95.4 percent of births to women under 15 and 75.3 percent of births to women 15-19 were non-marital. Slightly less than half of births to 20-24 year old mothers were non-marital, and 26.7 percent of births to 25-29 year old mothers. Fewer tha 20 percent of births to all age groups from 30-34 and older were non-marital (Table 2-5).



Among race/ethnic groups, the lowest percentage of non-marital births was for Asian mothers at 12.2 percent. Among other race/ethnic groups, 19.7 percent of births to women of White/Other races in 2001 were non-marital, while 31.2 percent, 41.5 percent, 42.4 percent, 54.1 percent and 62.8 percent of births to Pacific Islander, Hispanic, multi-racial (2 or More Race Groups), American Indian, and Black women, respectively, were non-marital (Table 2-5).

Baby Names:

The most popular baby names in California in 2001 were (Table 2-17):

Males	Percent of Total Male Births	Females	Percent of Total Female Births
Daniel	1.5	Emily	1.1
Anthony	1.4	Ashley	1.0
Andrew	1.3	Samantha	1.0
Jose	1.3	Jessica	0.9
Jacob	1.2	Alyssa	0.8

GUIDE TO BIRTH TABLES IN VITAL STATISTICS OF CALIFORNIA, 2001

TABLE	2-1	2-2	2-3	2-4	2-5	2-6	2-7	2-8	2-9	2-10	2-11	2-12	2-13	2-14	2-15	2-16	2-17	2-18	2-19
PAGE																			
GEOGRAPHIC AREA																			
California	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
California Counties																		■	■
Selected City Health Depts.																			
TYPES OF ANALYSIS																			
Birth Rates		■																	
Fertility Rates		■																	
Multiple Years	■	■	■															■	■
Percentage Distribution			■	■	■	■	■		■										■
VARIABLES																			
Age of Father							■												
Age of Mother	■	■	■	■	■		■				■	■				■			
Birth Place of Mother							■												
Birthweight								■				■	■						
Education of Father							■												
Education of Mother							■												
Length of Gestation						■		■											
Marital Status					■		■												
Method of Delivery						■										■			
Month of Birth																			
Most Popular Baby Names																	■		
Parity (Birth Order)							■												
Place of Delivery																			
Plurality of Delivery														■	■				
Prenatal Care									■	■	■		■						■
Race of Mother										■					■				
Race/Ethnic Group of Mother				■	■	■	■	■	■		■	■	■	■					
Sex of Child														■	■				

GUIDE TO BIRTH TABLES IN VITAL STATISTICS OF CALIFORNIA, 2001 - Continued

TABLE	2-20	2-21	2-22	2-23	2-24	2-25	2-26	2-27	2-28	2-29	2-30	2-31	2-32	2-33	2-34	2-35	2-36	2-37	2-38
PAGE																			
GEOGRAPHIC AREA																			
California	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
California Counties	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Selected City Health Depts.			■	■	■	■	■	■	■	■			■	■	■	■	■	■	■
TYPES OF ANALYSIS																			
Birth Rates											■	■							
Fertility Rates											■								
Multiple Years	■	■																	
Percentage Distribution	■	■	■			■			■										
VARIABLES																			
Age of Father									■				■						
Age of Mother		■							■	■	■	■							
Birth Place of Mother									■										
Birthweight	■		■					■											
Education of Father									■									■	
Education of Mother									■								■		
Length of Gestation			■		■														
Marital Status									■						■				
Method of Delivery			■			■													
Month of Birth																			■
Most Popular Baby Names																			
Parity (Birth Order)									■										
Place of Delivery							■												
Plurality of Delivery																			
Prenatal Care			■	■															
Race of Mother																■			
Race/Ethnic Group of Mother														■	■				
Sex of Child																			

TABLE 2-1. LIVE BIRTHS BY AGE OF MOTHER, CALIFORNIA, 1960-2001 (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
2001	527,371	810	52,966	123,227	136,439	127,946	68,829	16,037	1,078	39
2000	**531,285**	**895**	**55,373**	**122,591**	**139,615**	**127,502**	**68,685**	**15,614**	**957**	**53**
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.

California Department of Health Services 38 Vital Statistics of California, 2001

TABLE 2-2. GENERAL FERTILITY RATE, TOTAL FERTILITY RATE, AND BIRTH RATES BY AGE OF MOTHER, CALIFORNIA, 1970, 1975, 1980, 1985, 1990-2001 (By Place of Residence)

(General fertility rate is live births per 1,000 women, ages 15-44 years. The total fertility rate is the sum of age-specific rates for wome ages 15-44 multiplied by 5. Birth rates are live births per 1,000 female population in specified age group.)

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]
2001	71.1	2,231.7	0.6	45.1	110.9	127.2	102.3	49.6	11.3	0.9
2000	**71.9**	**2,255.5**	**0.7**	**48.1**	**114.8**	**127.0**	**101.5**	**48.5**	**11.2**	**0.8**
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	2,221.3	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	2,386.8	1.5	71.3	132.8	127.5	92.4	43.5	9.8	0.6
1992	82.0	2,416.5	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**
1985	**72.9**	**2,013.5**	**1.0**	**49.3**	**113.1**	**120.0**	**81.4**	**32.8**	**6.2**	**0.4**
1980	**70.4**	**1,885.2**	**0.9**	**52.4**	**116.2**	**111.2**	**67.4**	**24.7**	**5.1**	**0.3**
1975	**64.5**	**1,723.1**	**1.5**	**50.7**	**109.2**	**104.1**	**55.4**	**20.4**	**4.8**	**0.3**
1970	**84.0**	**2,325.4**	**0.8**	**68.3**	**156.2**	**134.3**	**70.1**	**29.2**	**7.1**	**0.4**

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

[2] For women 45 and over, the rate is calculated 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, 1970-1996 Population: Race/Ethnic Population with Age and Sex Detail, January 1998.
1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age and Sex and Race/Ethnic Group, October 2000; 1999-2001 Population: Race/Ethnic Population with Age and Sex Detail, 1970-2040, December 1998.

TABLE 2-3. PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY AGE OF MOTHER, CALIFORNIA, 1960, 1965, 1970, 1975, 1980, 1985, 1990-2001
(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
2001	100.0	0.2	10.0	23.4	25.9	24.3	13.1	3.0	0.20	0.01
2000	**100.0**	**0.2**	**10.4**	**23.1**	**26.3**	**24.0**	**12.9**	**2.9**	**0.18**	**0.01**
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**	**0.05**	**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**	[a]

[a] Less than 0.0050.

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

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

TABLE 2-4. NUMBER AND PERCENT OF LIVE BIRTHS BY AGE AND RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001(By Place of Residence)

RACE/ETHNIC GROUP OF MOTHER	TOTAL	AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
CALIFORNIA	527,371	810	52,966	123,227	136,439	127,946	68,829	16,037	1,078	39
HISPANIC	260,996	596	36,051	75,116	70,937	49,397	23,501	5,127	260	11
NON-HISPANIC										
2 OR MORE RACE GROUPS	6,388	13	898	1,726	1,449	1,355	765	174	8	-
AMERICAN INDIAN	1,986	3	283	633	488	360	169	49	1	-
ASIAN	57,443	20	1,948	6,445	16,300	19,928	10,384	2,268	150	-
BLACK	30,965	114	4,354	9,059	7,257	5,901	3,408	823	45	4
PACIFIC ISLANDER	2,355	2	177	629	670	503	296	75	3	-
WHITE/OTHER	163,996	59	9,006	29,091	38,642	49,605	29,690	7,328	567	8
NOT STATED	3,242	3	249	528	696	897	616	193	44	16
PERCENT DISTRIBUTION OF BIRTHS BY AGE:										
CALIFORNIA	100.0	0.2	10.0	23.4	25.9	24.3	13.1	3.0	0.2	a
HISPANIC	100.0	0.2	13.8	28.8	27.2	18.9	9.0	2.0	0.1	a
NON-HISPANIC										
2 OR MORE RACE GROUPS	100.0	0.2	14.1	27.0	22.7	21.2	12.0	2.7	0.1	-
AMERICAN INDIAN	100.0	0.2	14.2	31.9	24.6	18.1	8.5	2.5	0.1	-
ASIAN	100.0	0.0	3.4	11.2	28.4	34.7	18.1	3.9	0.3	-
BLACK	100.0	0.4	14.1	29.3	23.4	19.1	11.0	2.7	0.1	a
PACIFIC ISLANDER	100.0	0.1	7.5	26.7	28.5	21.4	12.6	3.2	0.1	-
WHITE/OTHER	100.0	0.0	5.5	17.7	23.6	30.2	18.1	4.5	0.3	a
NOT STATED	100.0	0.1	7.7	16.3	21.5	27.7	19.0	6.0	1.4	0.5
PERCENT DISTRIBUTION OF BIRTHS BY RACE/ETHNIC GROUP:										
CALIFORNIA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HISPANIC	49.5	73.6	68.1	61.0	52.0	38.6	34.1	32.0	24.1	28.2
NON-HISPANIC										
2 OR MORE RACE GROUPS	1.2	1.6	1.7	1.4	1.1	1.1	1.1	1.1	0.7	-
AMERICAN INDIAN	0.4	0.4	0.5	0.5	0.4	0.3	0.2	0.3	0.1	-
ASIAN	10.9	2.5	3.7	5.2	11.9	15.6	15.1	14.1	13.9	-
BLACK	5.9	14.1	8.2	7.4	5.3	4.6	5.0	5.1	4.2	10.3
PACIFIC ISLANDER	0.4	0.2	0.3	0.5	0.5	0.4	0.4	0.5	0.3	-
WHITE/OTHER	31.1	7.3	17.0	23.6	28.3	38.8	43.1	45.7	52.6	20.5
NOT STATED	0.6	0.4	0.5	0.4	0.5	0.7	0.9	1.2	4.1	41.0

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

a Less than 0.050.

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

TABLE 2-5. NUMBER AND PERCENT OF LIVE BIRTHS TO UNMARRIED WOMEN BY AGE AND RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001
(By Place of Residence)

RACE/ETHNIC GROUP OF MOTHER	TOTAL	AGE OF MOTHER								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
CALIFORNIA	172,624	773	39,882	59,464	36,464	21,623	11,194	3,021	185	18
HISPANIC	108,439	569	26,588	37,101	23,618	12,977	5,992	1,509	78	7
NON-HISPANIC										
2 OR MORE RACE GROUPS	2,710	13	754	1,019	453	275	150	45	1	-
AMERICAN INDIAN	1,075	2	232	384	237	135	68	17	-	-
ASIAN	7,025	16	1,370	2,099	1,585	1,142	623	175	15	-
BLACK	19,436	111	4,048	6,880	4,103	2,534	1,404	339	14	3
PACIFIC ISLANDER	734	2	124	288	168	89	50	12	1	-
WHITE/OTHER	32,363	58	6,575	11,450	6,134	4,356	2,827	892	67	4
NOT STATED	842	2	191	243	166	115	80	32	9	4
PERCENT DISTRIBUTION OF BIRTHS AMONG UNMARRIED WOMEN:										
CALIFORNIA	100.0	0.4	23.1	34.4	21.1	12.5	6.5	1.8	0.1	a
HISPANIC	100.0	0.5	24.5	34.2	21.8	12.0	5.5	1.4	0.1	a
NON-HISPANIC										
2 OR MORE RACE GROUPS	100.0	0.5	27.8	37.6	16.7	10.1	5.5	1.7	a	-
AMERICAN INDIAN	100.0	0.2	21.6	35.7	22.0	12.6	6.3	1.6	-	-
ASIAN	100.0	0.2	19.5	29.9	22.6	16.3	8.9	2.5	0.2	-
BLACK	100.0	0.6	20.8	35.4	21.1	13.0	7.2	1.7	0.1	a
PACIFIC ISLANDER	100.0	0.3	16.9	39.2	22.9	12.1	6.8	1.6	-	-
WHITE/OTHER	100.0	0.2	20.3	35.4	19.0	13.5	8.7	2.8	0.2	a
NOT STATED	100.0	0.2	22.7	28.9	19.7	13.7	9.5	3.8	1.1	0.5
BIRTHS TO UNMARRIED WOMEN AS PERCENT OF TOTAL BIRTHS:										
CALIFORNIA	32.7	95.4	75.3	48.3	26.7	16.9	16.3	18.8	17.2	46.2
HISPANIC	41.5	95.5	73.8	49.4	33.3	26.3	25.5	29.4	30.0	63.6
NON-HISPANIC										
2 OR MORE RACE GROUPS	42.4	100.0	84.0	59.0	31.3	20.3	19.6	25.9	12.5	-
AMERICAN INDIAN	54.1	66.7	82.0	60.7	48.6	37.5	40.2	34.7	-	-
ASIAN	12.2	80.0	70.3	32.6	9.7	5.7	6.0	7.7	10.0	-
BLACK	62.8	97.4	93.0	75.9	56.5	42.9	41.2	41.2	31.1	75.0
PACIFIC ISLANDER	31.2	100.0	70.1	45.8	25.1	17.7	16.9	16.0	33.3	-
WHITE/OTHER	19.7	98.3	73.0	39.4	15.9	8.8	9.5	12.2	11.8	50.0
NOT STATED	26.0	66.7	76.7	46.0	23.9	12.8	13.0	16.6	20.5	25.0

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

a Less than 0.050.

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

TABLE 2-6. NUMBER AND PERCENT OF LIVE BIRTHS WITH SELECTED MEDICAL CHARACTERISTICS BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

RACE/ETHNIC GROUP OF MOTHER	Late or No Prenatal Care [1] †	Preterm Birth [2] †	Cesarean Birth	Low Birthweight [3]
CALIFORNIA	15,258	51,974	132,473	33,196
HISPANIC	9,222	25,798	63,672	14,796
NON-HISPANIC				
2 OR MORE RACE GROUPS	215	677	1,499	451
AMERICAN INDIAN	138	224	506	135
ASIAN	1,147	5,408	14,082	4,088
BLACK	1,091	4,508	8,824	3,670
PACIFIC ISLANDER	211	246	573	147
WHITE/OTHER	3,145	14,785	42,451	9,634
NOT STATED	89	328	866	275
MEDICAL CHARACTERISTICS AS A PERCENT OF TOTAL BIRTHS TO A SPECIFIED GROUP:				
CALIFORNIA	2.9	10.4	25.1	6.3
HISPANIC	3.6	10.5	24.4	5.7
NON-HISPANIC				
2 OR MORE RACE GROUPS	3.4	11.2	23.5	7.1
AMERICAN INDIAN	7.1	12.3	25.5	6.8
ASIAN	2.0	9.8	24.5	7.1
BLACK	3.6	15.7	28.5	11.9
PACIFIC ISLANDER	9.1	11.2	24.3	6.2
WHITE/OTHER	1.9	9.5	25.9	5.9
NOT STATED	3.0	11.8	26.7	8.5

[1] Third trimester or no prenatal care.
[2] Birth prior to 37 weeks of gestation.
[3] Birthweight of less than 2,500 grams (5lbs 8oz).
* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

† Births with unknown values were subtracted from total births before percentages were calculated. Unknown weeks of gestation include gestation reported as: under 17 weeks, over 53 weeks, and not stated.

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

TABLE 2-7. NUMBER AND PERCENT OF LIVE BIRTHS WITH SELECTED DEMOGRAPHIC CHARACTERISTICS BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

RACE/ETHNIC GROUP OF MOTHER	Mothers Under 20 Years of Age	Mother Completed 12 Years or More of School	Mother Born in the United States	Unmarried Mother	4th & Higher Birth Order	Father Under 20 Years of Age	Father Completed 12 Years or More of School
CALIFORNIA	53,776	364,628	282,935	172,624	64,816	18,393	346,960
HISPANIC	36,647	127,319	91,921	108,439	39,903	12,501	118,674
NON-HISPANIC							
2 OR MORE RACE GROUPS	911	5,433	5,440	2,710	618	332	5,164
AMERICAN INDIAN	286	1,441	1,934	1,075	409	117	1,377
ASIAN	1,968	51,794	7,195	7,025	3,408	696	51,520
BLACK	4,468	25,379	28,502	19,436	5,442	1,603	22,362
PACIFIC ISLANDER	179	2,042	1,010	734	590	67	1,918
WHITE/OTHER	9,065	150,607	144,892	32,363	14,127	2,993	145,330
NOT STATED	252	613	2,041	842	319	84	615
DEMOGRAPHIC CHARACTERISTICS AS A PERCENT† OF TOTAL BIRTHS TO SPECIFIED GROUP:							
CALIFORNIA	10.2	70.3	53.7	32.7	12.3	3.8	72.2
HISPANIC	14.0	48.8	35.2	41.6	15.3	5.2	50.4
NON-HISPANIC							
2 OR MORE RACE GROUPS	14.3	85.1	85.3	42.4	9.7	5.8	90.4
AMERICAN INDIAN	14.4	72.6	97.5	54.1	20.6	6.7	80.4
ASIAN	3.4	90.2	12.6	12.2	5.9	1.2	93.3
BLACK	14.4	82.0	92.4	62.8	17.6	6.4	90.2
PACIFIC ISLANDER	7.6	86.7	43.6	31.2	25.1	3.1	89.8
WHITE/OTHER	5.5	91.8	88.5	19.7	8.6	1.9	93.8
NOT STATED	7.8	18.9	64.9	26.2	10.1	2.9	87.1

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

† Births with unknown (not stated) characteristics were subtracted from totals before percentages were calculated.

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

TABLE 2-8. LIVE BIRTHS BY BIRTHWEIGHT, WEEKS OF GESTATION AND BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

BIRTHWEIGHT AND WEEKS OF GESTATION	TOTAL	RACE/ETHNICITY OF MOTHER								
		HISPANIC	NON-HISPANIC							
			2 OR MORE RACES	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/OTHER RACES	UNKNOWN
TOTAL LIVE BIRTHS	527,371	260,996	6,388	1,986	57,443	30,965	2,355	163,996	3,242
UNDER 1,500 GRAMS	6,054	2,751	88	30	554	878	26	1,662	65
17- UNDER 37 COMPLETED WEEKS	5,058	2,268	73	25	469	724	21	1,429	49
37- UNDER 42 COMPLETED WEEKS	301	157	1	-	36	38	2	66	1
42- UNDER 53 COMPLETED WEEKS	53	34	2	1	3	7	-	5	1
NOT STATED	642	292	12	4	46	109	3	162	14
1,500-2,499 GRAMS	27,142	12,045	363	105	3,534	2,792	121	7,972	210
17- UNDER 37 COMPLETED WEEKS	14,365	6,169	209	48	1,748	1,410	69	4,611	101
37- UNDER 42 COMPLETED WEEKS	10,096	4,603	117	36	1,548	1,035	38	2,661	58
42- UNDER 53 COMPLETED WEEKS	754	411	11	4	83	77	4	160	4
NOT STATED	1,927	862	26	17	155	270	10	540	47
2,500-3,499 GRAMS	282,877	140,951	3,419	952	37,449	18,266	1,036	79,123	1,681
17- UNDER 37 COMPLETED WEEKS	25,213	12,871	320	100	2,757	1,932	99	6,981	153
37- UNDER 42 COMPLETED WEEKS	222,397	109,306	2,668	685	31,133	13,620	791	63,034	1,160
42- UNDER 53 COMPLETED WEEKS	20,287	10,875	250	86	2,156	1,352	82	5,360	126
NOT STATED	14,980	7,899	181	81	1,403	1,362	64	3,748	242
3,500-4,499 GRAMS	202,855	101,128	2,413	838	15,545	8,686	1,079	71,942	1,224
17- UNDER 37 COMPLETED WEEKS	7,078	4,308	70	48	431	425	56	1,715	25
37- UNDER 42 COMPLETED WEEKS	165,978	81,399	1,927	625	13,247	6,817	838	60,220	905
42- UNDER 53 COMPLETED WEEKS	19,831	10,141	277	106	1,319	913	106	6,829	140
NOT STATED	9,968	5,280	139	59	548	531	79	3,178	154
4,500 GRAMS OR MORE	8,438	4,120	105	61	361	343	93	3,295	60
17- UNDER 37 COMPLETED WEEKS	260	182	5	3	3	17	1	49	-
37- UNDER 42 COMPLETED WEEKS	6,758	3,234	77	44	303	272	79	2,703	46
42- UNDER 53 COMPLETED WEEKS	992	486	13	7	39	38	11	392	6
NOT STATED	428	218	10	7	16	16	2	151	8
NOT STATED	5	1	-	-	-	-	-	2	2
17- UNDER 37 COMPLETED WEEKS	-	-	-	-	-	-	-	-	-
37- UNDER 42 COMPLETED WEEKS	3	1	-	-	-	-	-	2	-
42- UNDER 53 COMPLETED WEEKS	-	-	-	-	-	-	-	-	-
NOT STATED	2	-	-	-	-	-	-	-	2

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian.
These groupings are only comparable with the year 2000 data tables. See Chapter 6.

Note: "Not Stated" as to weeks of gestation categories, includes not only those not stated, but also 294 live births of less than 17 weeks gestation and 1,748 liv
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 2-9. NUMBER AND PERCENT OF LIVE BIRTHS BY NUMBER OF PRENATAL VISITS AND RACE/ETHNIC* GROUP OF MOTHER, CALIFORNIA, 2001
(By Place of Residence)

RACE/ETHNIC GROUP OF MOTHER	TOTAL	NUMBER OF PRENATAL VISITS								
		NONE	1-4	5-8	9-12	13-16	17-20	21-29	30 AND OVER	NOT STATED
NUMBER OF BIRTHS										
TOTAL BIRTHS	527,371	2,935	11,701	56,315	236,113	168,997	28,460	5,569	2,646	14,635
HISPANIC	260,996	1,568	6,832	31,360	117,843	77,345	12,836	2,362	940	9,910
NON-HISPANIC										
2 OR MORE RACE GROUPS	6,388	51	165	737	2,798	2,058	371	68	48	92
AMERICAN INDIAN	1,986	47	105	333	821	500	99	19	8	54
ASIAN	57,443	148	1,007	6,522	27,837	18,291	2,477	394	182	585
BLACK	30,965	333	1,075	3,490	11,939	10,369	1,841	424	233	1,261
PACIFIC ISLANDER	2,355	40	153	410	985	596	91	14	7	59
WHITE/OTHER	163,996	707	2,316	13,212	72,443	58,947	10,579	2,235	1,213	2,344
UNKNOWN	3,242	41	48	251	1,447	891	166	53	15	330
PERCENT† OF BIRTHS										
TOTAL BIRTHS	100.0	0.6	2.3	11.0	46.0	33.0	5.6	1.1	0.5	
HISPANIC	100.0	0.6	2.7	12.5	46.9	30.8	5.1	0.9	0.4	
NON-HISPANIC										
2 OR MORE RACE GROUPS	100.0	0.8	2.6	11.7	44.4	32.7	5.9	1.1	0.8	
AMERICAN INDIAN	100.0	2.4	5.4	17.2	42.5	25.9	5.1	1.0	0.4	
ASIAN	100.0	0.3	1.8	11.5	49.0	32.2	4.4	0.7	0.3	
BLACK	100.0	1.1	3.6	11.7	40.2	34.9	6.2	1.4	0.8	
PACIFIC ISLANDER	100.0	1.7	6.7	17.9	42.9	26.0	4.0	0.6	0.3	
WHITE/OTHER	100.0	0.4	1.4	8.2	44.8	36.5	6.5	1.4	0.8	
UNKNOWN	100.0	1.4	1.6	8.6	49.7	30.6	5.7	1.8	0.5	

† Births with unknown values were subtracted from total births before percentages were calculated.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groupings are only comparable with the year 2000 data tables. See Chapter 6.

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

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

TABLE 2-10. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS AND BY RACE* OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

RACE OF MOTHER	TOTAL	NUMBER OF PRENATAL VISITS								
		NONE	1-4	5-8	9-12	13-16	17-20	21-29	30 AND OVER	NOT STATED
TOTAL BIRTHS	527,371	2,935	11,701	56,315	236,113	168,997	28,460	5,569	2,646	14,635
2 OR MORE RACE GROUPS	9,925	81	285	1,142	4,285	3,099	667	133	75	158
AMERICAN INDIAN	2,459	52	124	405	1,044	615	120	24	14	61
BLACK	31,623	335	1,098	3,560	12,191	10,584	1,884	436	238	1,297
CAMBODIAN	1,552	9	61	260	684	432	64	10	1	31
CHINESE	11,845	13	122	1,021	5,797	4,212	453	65	30	132
ESKIMO/ALEUT	14	-	-	1	8	4	1	-	-	-
FILIPINO	14,748	64	319	1,947	6,956	4,494	648	115	43	162
GUAMANIAN	231	4	14	33	105	63	7	1	1	3
HAWAIIAN	248	2	11	32	107	72	17	3	-	4
HMONG	1,672	8	81	396	712	416	41	3	1	14
INDIAN (INDIA)	7,566	8	86	703	3,784	2,400	408	69	40	68
JAPANESE	2,722	4	25	190	1,290	967	180	31	10	25
KOREAN	4,393	9	84	356	2,157	1,496	205	31	18	37
LAOTIAN	1,049	10	51	180	457	293	36	5	2	15
SAMOAN	806	20	57	157	303	203	32	5	3	26
THAI	644	2	18	76	292	217	24	4	1	10
VIETNAMESE	8,238	15	116	1,071	4,290	2,393	248	27	22	56
WHITE/OTHER	419,716	2,237	8,970	43,974	188,023	134,735	23,024	4,510	2,111	12,132
OTHER ASIAN	3,477	6	56	359	1,638	1,129	195	37	16	41
OTHER PACIFIC ISLANDER	1,140	15	74	193	511	276	37	5	3	26
NOT STATED	3,303	41	49	259	1,479	897	169	55	17	337

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The list of races on this table is compiled by identifying mothers reporting 2 or more groups before tabulating single races. This list of races is only comparable to the year 2000 data tables. See Chapter 6.

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

TABLE 2-11. LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN AND BY RACE/ETHNIC GROUP* AND AGE OF MOTHER, CALIFORNIA, 2001
(By Place of Residence)

RACE/ETHNIC GROUP 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	UNKNOWN
TOTAL	527,371	810	17,307	35,659	123,227	136,439	127,946	68,829	16,037	985	93	39
FIRST	442,937	409	11,758	26,449	97,916	116,871	113,504	61,073	14,027	832	81	17
SECOND	60,699	247	3,970	6,752	18,142	14,167	10,307	5,562	1,437	105	8	2
THIRD	12,321	103	930	1,333	3,777	2,777	2,047	1,066	272	14	1	1
NO PRENATAL CARE	2,937	26	224	344	861	604	499	292	78	7	2	-
UNKNOWN	8,477	25	425	781	2,531	2,020	1,589	836	223	27	1	19
HISPANIC	260,996	596	12,525	23,526	75,116	70,937	49,397	23,501	5,127	254	6	11
FIRST	210,770	310	8,700	17,501	59,253	59,109	41,781	19,698	4,217	190	5	6
SECOND	35,783	175	2,717	4,370	11,260	8,439	5,384	2,739	654	45	-	-
THIRD	7,652	76	643	903	2,462	1,761	1,123	543	131	9	1	-
NO PRENATAL CARE	1,570	19	157	204	495	328	214	120	28	5	-	-
UNKNOWN	5,221	16	308	548	1,646	1,300	895	401	97	5	-	5
NON-HISPANIC												
2 OR MORE RACES	6,388	13	260	638	1,726	1,449	1,355	765	174	8	-	-
FIRST	5,291	6	162	466	1,346	1,262	1,211	674	156	8	-	-
SECOND	819	4	74	133	276	151	104	64	13	-	-	-
THIRD	164	2	16	23	61	24	20	14	4	-	-	-
NO PRENATAL CARE	51	-	4	6	18	7	9	6	1	-	-	-
UNKNOWN	63	1	4	10	25	5	11	7	-	-	-	-
AMERICAN INDIAN	1,986	3	81	202	633	488	360	169	49	1	-	-
FIRST	1,423	-	48	132	431	359	284	132	36	1	-	-
SECOND	384	2	21	52	130	87	51	31	10	-	-	-
THIRD	91	-	10	14	33	19	9	4	2	-	-	-
NO PRENATAL CARE	47	-	2	3	18	10	11	2	1	-	-	-
UNKNOWN	41	1	-	1	21	13	5	-	-	-	-	-
ASIAN	57,443	20	611	1,337	6,445	16,300	19,928	10,384	2,268	139	11	-
FIRST	49,983	11	310	837	4,943	14,336	17,983	9,427	2,017	109	10	-
SECOND	5,843	9	236	398	1,183	1,543	1,496	746	203	28	1	-
THIRD	999	-	48	60	209	256	269	129	28	-	-	-
NO PRENATAL CARE	148	-	11	29	38	22	27	16	5	-	-	-
UNKNOWN	470	-	6	13	72	143	153	66	15	2	-	-
BLACK	30,965	114	1,405	2,949	9,059	7,257	5,901	3,408	823	38	7	4
FIRST	24,963	48	931	2,196	7,214	6,006	5,007	2,857	666	32	5	1
SECOND	4,198	35	330	559	1,300	910	600	360	98	5	1	-
THIRD	758	20	77	88	236	132	112	64	28	1	-	-
NO PRENATAL CARE	333	5	19	36	86	63	65	48	11	-	-	-
UNKNOWN	713	6	48	70	223	146	117	79	20	-	1	3
PACIFIC ISLANDER	2,355	2	48	129	629	670	503	296	75	3	-	-
FIRST	1,616	1	22	77	391	472	386	215	50	2	-	-
SECOND	490	1	20	33	165	136	76	42	17	-	-	-
THIRD	171	-	4	16	50	42	26	29	4	-	-	-
NO PRENATAL CARE	40	-	1	1	16	9	8	4	1	-	-	-
UNKNOWN	38	-	1	2	7	11	7	6	3	1	-	-
WHITE/OTHER	163,996	59	2,294	6,712	29,091	38,642	49,605	29,690	7,328	509	58	8
FIRST	146,295	30	1,534	5,126	23,947	34,762	46,090	27,560	6,726	465	51	4
SECOND	12,934	21	554	1,182	3,774	2,842	2,551	1,552	427	26	5	-
THIRD	2,438	5	128	226	712	533	479	278	72	4	-	1
NO PRENATAL CARE	707	2	29	62	178	155	154	93	30	2	2	-
UNKNOWN	1,622	1	49	116	480	350	331	207	73	12	-	3
UNKNOWN	3,242	3	83	166	528	696	897	616	193	33	11	16
FIRST	2,596	3	51	114	391	565	762	510	159	25	10	6
SECOND	248	-	18	25	54	59	45	28	15	1	1	2
THIRD	48	-	4	3	14	10	9	5	3	-	-	-
NO PRENATAL CARE	41	-	1	3	12	10	11	3	1	-	-	-
UNKNOWN	309	-	9	21	57	52	70	70	15	7	-	8

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groupings are only comparable with the year 2000 data tables. See Chapter 6

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

California Department of Health Services 48 Vital Statistics of California, 2001

TABLE 2-12. LIVE BIRTHS BY BIRTHWEIGHT AND BY RACE/ETHNIC GROUP* AND AGE OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

RACE/ETHNIC GROUP 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	527,371	810	17,307	35,659	123,227	136,439	127,946	68,829	16,037	985	93	39
UNDER 1500 GRAMS	6,054	15	255	426	1,276	1,363	1,447	945	289	27	10	1
1500-2499 GRAMS	27,142	56	1,055	1,957	6,091	6,091	6,398	4,144	1,172	146	28	4
2500-3499 GRAMS	282,877	547	10,881	21,595	69,541	72,286	65,005	34,347	8,104	513	35	23
3500-4499 GRAMS	202,855	190	5,025	11,397	44,792	54,380	52,644	27,948	6,164	286	20	9
4500 GRAMS OR MORE	8,438	2	91	284	1,527	2,318	2,452	1,443	308	13	-	-
WEIGHT UNKNOWN	5	-	-	-	-	1	-	2	-	-	-	2
HISPANIC	260,996	596	12,525	23,526	75,116	70,937	49,397	23,501	5,127	254	6	11
UNDER 1500 GRAMS	2,751	12	167	242	683	650	567	337	83	10	-	-
1500-2499 GRAMS	12,045	42	697	1,196	3,373	2,785	2,279	1,302	342	24	4	1
2500-3499 GRAMS	140,951	404	7,938	14,389	42,850	36,970	24,313	11,400	2,544	137	-	6
3500-4499 GRAMS	101,128	137	3,655	7,550	27,344	29,293	21,181	9,853	2,029	80	2	4
4500 GRAMS OR MORE	4,120	1	68	149	866	1,238	1,057	609	129	3	-	-
WEIGHT UNKNOWN	1	-	-	-	-	1	-	-	-	-	-	-
NON-HISPANIC												
2 OR MORE RACES	6,388	13	260	638	1,726	1,449	1,355	765	174	8	-	-
UNDER 1500 GRAMS	88	-	6	7	32	15	12	12	4	-	-	-
1500-2499 GRAMS	363	-	14	41	93	66	69	59	21	-	-	-
2500-3499 GRAMS	3,419	10	161	372	966	739	700	379	89	3	-	-
3500-4499 GRAMS	2,413	3	78	210	610	609	544	296	59	4	-	-
4500 GRAMS OR MORE	105	-	1	8	25	20	30	19	1	1	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
AMERICAN INDIAN	1,986	3	81	202	633	488	360	169	49	1	-	-
UNDER 1500 GRAMS	30	-	1	5	5	5	13	1	-	-	-	-
1500-2499 GRAMS	105	-	5	10	26	25	21	15	3	-	-	-
2500-3499 GRAMS	952	3	52	100	322	231	145	77	22	-	-	-
3500-4499 GRAMS	838	-	23	83	269	202	166	71	23	1	-	-
4500 GRAMS OR MORE	61	-	-	4	11	25	15	5	1	-	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
ASIAN	57,443	20	611	1,337	6,445	16,300	19,928	10,384	2,268	139	11	-
UNDER 1500 GRAMS	554	1	7	24	65	102	186	112	54	1	2	-
1500-2499 GRAMS	3,534	3	70	88	463	930	1,147	634	181	17	1	-
2500-3499 GRAMS	37,449	15	436	985	4,411	11,004	12,682	6,443	1,378	91	4	-
3500-4499 GRAMS	15,545	1	98	238	1,475	4,175	5,780	3,113	632	29	4	-
4500 GRAMS OR MORE	361	-	-	2	31	89	133	82	23	1	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
BLACK	30,965	114	1,405	2,949	9,059	7,257	5,901	3,408	823	38	7	4
UNDER 1500 GRAMS	878	2	35	56	214	206	184	143	36	1	-	1
1500-2499 GRAMS	2,792	8	124	244	781	610	555	354	106	7	3	-
2500-3499 GRAMS	18,266	80	932	1,917	5,575	4,202	3,233	1,859	443	20	2	3
3500-4499 GRAMS	8,686	23	309	719	2,410	2,151	1,841	1,000	222	9	2	-
4500 GRAMS OR MORE	343	1	5	13	79	88	88	52	16	1	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC ISLANDER	2,355	2	48	129	629	670	503	296	75	3	-	-
UNDER 1500 GRAMS	26	-	-	1	8	8	2	6	1	-	-	-
1500-2499 GRAMS	121	-	1	9	33	28	32	11	7	-	-	-
2500-3499 GRAMS	1,036	1	30	70	307	293	188	121	24	2	-	-
3500-4499 GRAMS	1,079	1	16	47	268	308	258	141	39	1	-	-
4500 GRAMS OR MORE	93	-	1	2	13	33	23	17	4	-	-	-
WEIGHT UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-
WHITE/OTHER	163,996	59	2,294	6,712	29,091	38,642	49,605	29,690	7,328	509	58	8
UNDER 1500 GRAMS	1,662	-	36	86	263	363	467	324	105	12	6	-
1500-2499 GRAMS	7,972	3	139	350	1,294	1,607	2,252	1,722	495	91	18	1
2500-3499 GRAMS	79,123	31	1,282	3,667	14,788	18,497	23,296	13,772	3,516	245	24	5
3500-4499 GRAMS	71,942	25	823	2,506	12,251	17,362	22,503	13,223	3,082	155	10	2
4500 GRAMS OR MORE	3,295	-	14	103	495	813	1,087	647	130	6	-	-
WEIGHT UNKNOWN	2	-	-	-	-	-	-	2	-	-	-	-
UNKNOWN	3,242	3	83	166	528	696	897	616	193	33	11	16
UNDER 1500 GRAMS	65	-	3	5	6	14	16	10	6	3	2	-
1500-2499 GRAMS	210	-	5	19	28	40	43	47	17	7	2	2
2500-3499 GRAMS	1,681	3	50	95	322	350	448	296	88	15	5	9
3500-4499 GRAMS	1,224	-	23	44	165	280	371	251	78	7	2	3
4500 GRAMS OR MORE	60	-	2	3	7	12	19	12	4	1	-	-
WEIGHT UNKNOWN	2	-	-	-	-	-	-	-	-	-	-	2

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian.
These groupings are only comparable with the year 2000 data tables. See Chapter 6.

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

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TABLE 2-13. LIVE BIRTHS BY BIRTHWEIGHT, TRIMESTER PRENATAL CARE BEGAN AND BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001
(By Place of Residence)

BIRTHWEIGHT AND TRIMESTER PRENATAL CARE BEGAN	TOTAL	RACE/ETHNIC GROUP OF MOTHER							
		HISPANIC	NON-HISPANIC						
			2 OR MORE RACES	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/ OTHER	UNKNOWN
TOTAL LIVE BIRTHS	527,371	260,996	6,388	1,986	57,443	30,965	2,355	163,996	3,242
UNDER 1,500 GRAMS	6,054	2,751	88	30	554	878	26	1,662	65
FIRST TRIMESTER	5,058	2,265	71	19	476	720	19	1,440	48
SECOND TRIMESTER	569	283	9	6	53	85	4	125	4
THIRD TRIMESTER	56	32	2	-	4	7	-	11	-
NO PRENATAL CARE	181	88	3	4	9	39	2	33	3
NOT STATED	190	83	3	1	12	27	1	53	10
1,500-2,499 GRAMS	27,142	12,045	363	105	3,534	2,792	121	7,972	210
FIRST TRIMESTER	22,362	9,550	294	76	3,051	2,181	78	6,974	158
SECOND TRIMESTER	3,188	1,679	50	16	375	367	31	653	17
THIRD TRIMESTER	598	332	4	5	53	76	9	117	2
NO PRENATAL CARE	418	190	7	4	27	84	3	101	2
NOT STATED	576	294	8	4	28	84	-	127	31
2,500-3,499 GRAMS	282,877	140,951	3,419	952	37,449	18,266	1,036	79,123	1,681
FIRST TRIMESTER	235,637	112,733	2,811	677	32,496	14,575	711	70,285	1,349
SECOND TRIMESTER	33,746	19,956	438	187	3,858	2,604	214	6,364	125
THIRD TRIMESTER	7,200	4,473	112	45	709	477	76	1,281	27
NO PRENATAL CARE	1,628	898	29	25	82	166	16	388	24
NOT STATED	4,666	2,891	29	18	304	444	19	805	156
3,500-4,499 GRAMS	202,855	101,128	2,413	838	15,545	8,686	1,079	71,942	1,224
FIRST TRIMESTER	172,633	82,787	2,027	602	13,645	7,187	738	64,655	992
SECOND TRIMESTER	22,323	13,376	309	165	1,519	1,111	225	5,520	98
THIRD TRIMESTER	4,297	2,715	45	39	230	189	82	980	17
NO PRENATAL CARE	667	371	11	14	28	44	16	171	12
NOT STATED	2,935	1,879	21	18	123	155	18	616	105
4,500 GRAMS OR MORE	8,438	4,120	105	61	361	343	93	3,295	60
FIRST TRIMESTER	7,246	3,435	88	49	315	300	70	2,940	49
SECOND TRIMESTER	872	488	13	10	38	31	16	272	4
THIRD TRIMESTER	169	100	1	2	3	9	4	48	2
NO PRENATAL CARE	43	23	1	-	2	-	3	14	-
NOT STATED	108	74	2	-	3	3	-	21	5
NOT STATED	5	1	-	-	-	-	-	2	2
FIRST TRIMESTER	1	-	-	-	-	-	-	1	-
SECOND TRIMESTER	1	1	-	-	-	-	-	-	-
THIRD TRIMESTER	1	-	-	-	-	-	-	1	-
NO PRENATAL CARE	-	-	-	-	-	-	-	-	-
NOT STATED	2	-	-	-	-	-	-	-	2

- Represents zero events.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian.
These groupings are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 2-14. LIVE BIRTHS BY PLURALITY OF DELIVERY, SEX OF CHILD, AND BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA, 2001
(By Place of Residence)

PLURALITY OF DELIVERY AND SEX OF CHILD	TOTAL [1]	RACE/ETHNIC GROUP OF MOTHER								
		HISPANIC	NON-HISPANIC							
			2 OR MORE RACES	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/ OTHER	UNKNOWN
TOTAL BIRTHS	527,371	260,996	6,388	1,986	57,443	30,965	2,355	163,996	3,242
MALE	269,237	132,323	3,265	977	29,925	15,581	1,237	84,291	1,638
FEMALE	258,121	128,665	3,123	1,009	27,515	15,383	1,118	79,704	1,604
SINGLE BIRTH	512,256	255,672	6,196	1,934	56,029	29,741	2,287	157,341	3,056
MALE	261,744	129,712	3,170	956	29,213	14,986	1,204	80,956	1,547
FEMALE	250,502	125,954	3,026	978	26,814	14,754	1,083	76,384	1,509
TWIN BIRTH	14,440	5,149	173	49	1,339	1,196	64	6,296	174
MALE	7,136	2,514	86	21	675	581	32	3,145	82
FEMALE	7,301	2,633	87	28	663	615	32	3,151	92
TRIPLET BIRTH	602	161	9	3	75	27	-	315	12
MALE	315	88	4	-	37	13	-	164	9
FEMALE	287	73	5	3	38	14	-	151	3
QUADRUPLET BIRTH	57	8	-	-	-	1	4	44	-
MALE	33	5	-	-	-	1	1	26	-
FEMALE	24	3	-	-	-	-	3	18	-
OTHER MULTIPLE BIRTH[2]	16	6	10	-	-	-	-	-	-
MALE	9	4	5	-	-	-	-	-	-
FEMALE	7	2	5	-	-	-	-	-	-

- Represents zero events.

[1] Thirteen births where sex of child was not reported are included in the totals.

[2] In 2000 there were sixteen quintuplet births.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic orgin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groupings are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 2-15. LIVE BIRTHS BY PLURALITY OF DELIVERY, SEX OF CHILD, AND BY RACE* OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

RACE OF MOTHER	ALL BIRTHS			PLURALITY OF BIRTH AND SEX OF CHILD														
				SINGLE			TWIN			TRIPLET			QUADRUPLET			OTHER MULTIPLE BIRTHS [2]		
	TOTAL [1]	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	527,371	269,237	258,121	512,256	261,744	250,502	14,440	7,136	7,301	602	315	287	57	33	24	16	9	7
2 OR MORE RACES	9,925	5,078	4,846	9,637	4,929	4,707	266	139	127	12	5	7	-	-	-	10	5	5
AMERICAN INDIAN	2,459	1,210	1,249	2,394	1,182	1,212	62	28	34	3	-	3	-	-	-	-	-	-
BLACK	31,623	15,901	15,721	30,380	15,296	15,083	1,215	591	624	27	13	14	1	1	-	-	-	-
CAMBODIAN	1,552	815	737	1,518	800	718	34	15	19	-	-	-	-	-	-	-	-	-
CHINESE	11,845	6,149	5,695	11,559	5,997	5,561	262	140	122	24	12	12	-	-	-	-	-	-
ESKIMO/ALEUT	14	9	5	14	9	5	-	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	14,748	7,732	7,016	14,367	7,538	6,829	360	183	177	21	11	10	-	-	-	-	-	-
GUAMANIAN	231	125	106	227	123	104	4	2	2	-	-	-	-	-	-	-	-	-
HAWAIIAN	248	130	118	242	127	115	6	3	3	-	-	-	-	-	-	-	-	-
HMONG	1,672	845	827	1,658	837	821	14	8	6	-	-	-	-	-	-	-	-	-
INDIAN (INDIA)	7,566	3,927	3,639	7,316	3,803	3,513	238	120	118	12	4	8	-	-	-	-	-	-
JAPANESE	2,722	1,427	1,295	2,638	1,384	1,254	84	43	41	-	-	-	-	-	-	-	-	-
KOREAN	4,393	2,271	2,121	4,299	2,225	2,074	94	46	47	-	-	-	-	-	-	-	-	-
LAOTIAN	1,049	561	487	1,025	547	477	21	11	10	3	3	-	-	-	-	-	-	-
SAMOAN	806	409	397	780	399	381	26	10	16	-	-	-	-	-	-	-	-	-
THAI	644	325	319	633	321	312	11	4	7	-	-	-	-	-	-	-	-	-
VIETNAMESE	8,238	4,311	3,927	8,109	4,247	3,862	126	61	65	3	3	-	-	-	-	-	-	-
WHITE/OTHER	419,716	213,911	205,797	407,883	208,044	199,833	11,302	5,581	5,719	473	251	222	52	31	21	6	4	2
OTHER ASIAN	3,477	1,819	1,658	3,356	1,763	1,593	109	52	57	12	4	8	-	-	-	-	-	-
OTHER PACIFIC ISLANDER	1,140	612	528	1,106	594	512	30	17	13	-	-	-	4	1	3	-	-	-
NOT STATED	3,303	1,670	1,633	3,115	1,579	1,536	176	82	94	12	9	3	-	-	-	-	-	-

- Represents zero events.

[1] Thirteen births where the sex of child was not reported are included in the totals.

[2] In 2001 there were sixteen quintuplet births.

* Beginning in 2000, up to three races were reported on birth certificates. The list of races on this table is compiled by identifying mothers reporting 2 or more race groups before tabulating single races. The list of races on this table is only comparable to the 2000 data tables. See Chapter 6.

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

TABLE 2-16. LIVE BIRTHS BY METHOD OF DELIVERY AND AGE OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

AGE OF MOTHER	TOTAL BIRTHS	CESAREAN DELIVERIES				VAGINAL DELIVERIES			
		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	527,371	132,473	25.1	53,743	40.6	394,898	74.9	6,606	1.7
UNDER 15	810	117	14.4	-	-	693	85.6	-	-
15-19	52,966	8,654	16.3	1,139	13.2	44,312	83.7	114	0.3
20-24	123,227	24,651	20.0	8,321	33.8	98,576	80.0	1,026	1.0
25-29	136,439	32,632	23.9	13,723	42.1	103,807	76.1	1,836	1.8
30-34	127,946	36,224	28.3	16,343	45.1	91,722	71.7	2,069	2.3
35-39	68,829	23,345	33.9	11,185	47.9	45,484	66.1	1,267	2.8
40-44	16,037	6,256	39.0	2,846	45.5	9,781	61.0	278	2.8
45 AND OVER	1,078	584	54.2	183	31.3	494	45.8	16	3.2
UNKNOWN	39	10	25.6	3	30.0	29	74.4	-	-

- Represents zero events.

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

TABLE 2-17. MOST POPULAR BABY NAMES, CALIFORNIA, 2001 (By Place of Residence)

GIRLS				BOYS			
	NAME	2001 NUMBER	2000 RANK		NAME	2001 NUMBER	2000 RANK
1.	Emily	2,912	1	1.	Daniel	4,133	1
2.	Ashley	2,702	2	2.	Anthony	3,803	2
3.	Samantha	2,511	3	3.	Andrew	3,416	4
4.	Jessica	2,222	4	4.	Jose	3,401	3
5.	Alyssa	2,050	6	5.	Jacob	3,352	6
6.	Jennifer	2,013	5	6.	David	3,314	9
7.	Natalie	1,713	14	7.	Michael	3,259	5
8.	Elizabeth	1,680	9	8.	Joshua	3,191	7
9.	Alexis	1,660	10	9.	Matthew	3,064	10
10.	Jasmine	1,650	12	10.	Christopher	3,007	8
11.	Sarah	1,591	7	11.	Jonathan	2,841	11
12.	Madison	1,589	18	12.	Joseph	2,704	12
13.	Hannah	1,572	8	13.	Angel	2,485	17
14.	Stephanie	1,504	13	14.	Kevin	2,389	18
15.	Andrea	1,500	19	15.	Christian	2,320	16
16.	Isabella	1,470	-	16.	Ryan	2,307	15
17.	Vanessa	1,439	11	17.	Nicholas	2,304	14
18.	Brianna	1,400	17	18.	Brandon	2,264	13
19.	Kimberly	1,360	20	19.	Luis	2,128	19
20.	Maria	1,343	16	20.	Jesus	2,080	23
21.	Kayla	1,205	-	21.	Alexander	2,058	21
22.	Jacqueline	1,200	15	22.	Justin	2,002	22
23.	Destiny	1,199	24	23.	Juan	1,976	20
24.	Michelle	1,191	22	24.	Carlos	1,907	24
25.	Victoria	1,184	23	25.	Gabriel	1,757	-

\- Not in top 25.

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

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TABLE 2-18. LIVE BIRTHS, CALIFORNIA COUNTIES, 1991-2001 (By Place of Residence)

COUNTY	YEAR 1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CALIFORNIA	609,228	600,838	584,483	567,034	551,226	538,628	524,174	521,265	518,073	531,285	527,371
ALAMEDA	23,252	22,678	21,919	21,387	20,941	20,668	20,766	20,933	20,547	22,164	22,029
ALPINE	15	15	8	6	11	10	7	15	12	9	12
AMADOR	278	306	274	276	247	289	270	263	264	235	264
BUTTE	2,566	2,607	2,600	2,482	2,518	2,475	2,253	2,267	2,256	2,196	2,314
CALAVERAS	386	389	356	380	382	320	327	288	325	309	323
COLUSA	331	318	324	334	317	302	307	314	335	330	358
CONTRA COSTA	13,435	12,737	12,659	12,431	12,483	12,284	12,294	12,506	12,586	13,204	13,126
DEL NORTE	400	358	351	343	310	333	324	316	298	316	275
EL DORADO	1,956	1,773	1,789	1,792	1,726	1,664	1,666	1,677	1,637	1,628	1,698
FRESNO	16,175	16,143	16,122	15,540	15,078	14,637	14,116	14,363	14,019	14,262	14,290
GLENN	485	482	419	461	442	440	427	380	386	385	406
HUMBOLDT	1,731	1,635	1,608	1,597	1,573	1,500	1,478	1,457	1,452	1,371	1,500
IMPERIAL	2,839	2,967	2,849	2,723	2,637	2,497	2,381	2,500	2,464	2,572	2,597
INYO	235	237	206	214	242	221	190	201	190	167	180
KERN	12,976	12,965	12,529	12,613	11,942	11,557	11,271	11,521	11,377	11,680	11,723
KINGS	2,287	2,296	2,305	2,234	2,141	2,255	2,084	2,164	2,149	2,174	2,134
LAKE	742	737	635	656	675	581	565	566	579	583	609
LASSEN	315	323	315	306	298	297	328	294	284	263	243
LOS ANGELES	202,737	197,415	189,706	180,394	174,862	168,973	162,036	158,604	156,153	157,391	153,523
MADERA	1,963	2,000	1,993	1,944	1,994	2,007	1,987	2,073	1,958	2,107	2,187
MARIN	2,967	2,918	2,801	2,750	2,614	2,642	2,651	2,569	2,650	2,824	2,865
MARIPOSA	190	156	178	183	151	154	135	135	126	126	153
MENDOCINO	1,192	1,135	1,105	1,148	1,131	1,021	1,025	1,082	1,012	1,083	1,061
MERCED	4,346	4,254	4,371	4,143	4,023	3,733	3,610	3,529	3,658	3,874	3,952
MODOC	109	83	128	122	122	114	98	81	68	80	63
MONO	149	145	138	127	136	120	118	135	119	128	169
MONTEREY	8,114	8,198	7,494	7,068	6,810	6,635	6,720	6,813	6,718	6,900	7,176
NAPA	1,548	1,521	1,562	1,505	1,463	1,509	1,499	1,477	1,493	1,497	1,565
NEVADA	892	900	872	841	833	794	796	757	770	759	828
ORANGE	51,398	51,865	51,153	50,020	48,720	48,007	47,487	46,189	46,509	46,980	45,492
PLACER	2,785	2,641	2,633	2,684	2,877	2,760	2,607	2,673	2,954	3,046	3,104
PLUMAS	214	179	212	181	168	148	156	126	137	150	147
RIVERSIDE	25,537	25,323	25,131	24,882	24,220	23,473	23,319	23,230	23,536	24,832	25,382
SACRAMENTO	19,789	19,583	19,314	18,508	18,730	17,844	17,312	17,757	17,737	18,192	18,922
SAN BENITO	730	755	806	740	796	798	888	891	974	876	978
SAN BERNARDINO	33,021	32,821	32,249	31,457	30,109	29,359	28,319	28,245	28,397	28,657	29,215
SAN DIEGO	49,637	50,670	48,870	47,607	45,902	44,886	43,255	43,422	43,261	44,272	43,758
SAN FRANCISCO	9,868	9,602	9,026	9,051	8,592	8,368	8,196	8,157	8,119	8,657	8,233
SAN JOAQUIN	9,779	9,464	9,492	9,356	9,051	8,779	8,719	8,647	8,853	9,603	9,811
SAN LUIS OBISPO	3,006	2,638	2,670	2,689	2,652	2,488	2,491	2,373	2,357	2,435	2,436
SAN MATEO	10,690	10,558	10,302	10,362	9,972	10,042	10,050	10,142	10,108	10,440	10,263
SANTA BARBARA	6,640	6,590	6,601	6,400	5,814	5,977	5,789	5,764	5,496	5,682	5,612
SANTA CLARA	27,881	27,481	26,975	26,639	25,983	26,646	26,416	26,659	26,266	27,612	27,076
SANTA CRUZ	4,125	4,037	3,888	3,676	3,475	3,419	3,559	3,421	3,446	3,505	3,470
SHASTA	2,232	2,250	2,134	2,120	2,034	2,050	2,000	1,943	1,845	1,828	1,942
SIERRA	19	23	20	19	23	16	12	19	12	21	11
SISKIYOU	499	391	511	460	492	532	425	461	462	412	427
SOLANO	6,449	6,523	6,212	5,937	5,694	5,806	5,475	5,510	5,539	5,891	5,763
SONOMA	6,096	5,804	5,614	5,507	5,442	5,503	5,409	5,472	5,420	5,651	5,706
STANISLAUS	7,654	7,560	7,464	7,412	7,284	7,166	6,790	6,927	7,115	7,241	7,586
SUTTER	1,246	1,281	1,159	1,236	1,160	1,143	1,210	1,158	1,127	1,166	1,213
TEHAMA	750	719	789	770	728	672	627	651	634	686	636
TRINITY	149	157	137	121	123	145	100	121	90	85	112
TULARE	7,322	7,442	7,280	7,353	7,150	7,194	6,934	6,890	6,762	7,251	7,319
TUOLUMNE	559	546	470	467	492	463	467	429	440	427	439
VENTURA	12,828	12,513	12,183	11,874	12,069	11,665	11,281	11,576	11,444	11,768	11,329
YOLO	2,412	2,396	2,292	2,275	2,188	2,154	2,106	2,148	2,142	2,246	2,317
YUBA	1,302	1,335	1,280	1,231	1,184	1,093	1,046	984	1,006	1,056	1,049

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

California Department of Health Services 55 Vital Statistics of California, 2001

TABLE 2-19. NUMBER AND PERCENT OF LIVE BIRTHS WITH LATE OR NO PRENATAL CARE, CALIFORNIA COUNTIES, 1991-2001 (By Place of Residence)

	LATE OR NO PRENATAL CARE											PERCENT OF ALL LIVE BIRTHS										
COUNTY	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CALIFORNIA	38,277	31,755	29,185	27,458	25,099	20,328	19,244	18,650	16,319	16,051	15,258	6.3	5.3	5.0	4.9	4.6	3.8	3.7	3.6	3.2	3.1	2.9
ALAMEDA	630	582	491	588	479	378	437	484	422	431	379	2.7	2.6	2.3	2.8	2.3	1.9	2.1	2.4	2.1	2.0	1.7
ALPINE	1	1	-	-	2	-	-	3	1	-	-	a	a	-	-	a	-	-	a	a	-	-
AMADOR	5	6	5	6	6	7	4	5	4	5	5	1.8	2.0	1.8	2.2	2.4	2.4	a	1.9	a	2.1	1.9
BUTTE	141	126	151	143	136	118	131	121	96	73	86	5.5	4.8	5.8	5.8	5.4	4.8	5.8	5.4	4.3	3.3	3.7
CALAVERAS	18	19	13	21	17	6	11	8	9	3	14	4.7	4.9	3.7	5.6	4.5	1.9	3.4	2.8	2.8	a	4.3
COLUSA	51	39	44	37	25	25	15	23	27	25	25	15.7	13.0	13.8	11.1	7.9	8.3	4.9	7.3	8.1	7.6	7.0
CONTRA COSTA	585	459	437	452	482	409	345	358	301	315	306	4.4	3.6	3.5	3.6	3.9	3.5	2.9	2.9	2.4	2.4	2.3
DEL NORTE	34	25	29	28	21	11	11	10	11	8	11	8.5	7.1	8.3	8.2	6.8	3.3	3.4	3.2	3.7	2.5	4.0
EL DORADO	75	48	79	42	51	45	53	34	53	32	37	3.8	2.7	4.4	2.4	3.0	2.7	3.2	2.0	3.3	2.0	2.2
FRESNO	667	552	582	663	483	480	519	439	426	427	436	4.2	3.4	3.6	4.3	3.2	3.3	3.7	3.1	3.1	3.0	3.1
GLENN	21	36	18	26	32	23	14	18	21	17	19	4.4	7.5	4.3	5.7	7.2	5.3	3.3	4.7	5.5	4.4	4.7
HUMBOLDT	90	75	95	101	114	78	71	65	41	59	61	5.2	4.7	6.0	6.4	7.4	5.2	4.9	4.5	2.9	4.4	4.2
IMPERIAL	336	355	329	295	209	210	188	155	150	184	199	11.8	12.0	11.6	10.9	7.9	8.4	7.9	6.3	6.2	7.3	7.7
INYO	24	12	17	23	23	20	11	12	11	9	13	10.2	5.1	8.3	10.8	9.5	9.1	5.8	6.0	5.8	5.4	7.2
KERN	992	862	792	1,077	837	592	486	381	253	278	303	7.8	6.8	6.4	8.7	7.2	5.4	4.5	3.5	2.4	2.6	2.9
KINGS	230	223	172	159	116	89	59	110	76	96	169	10.1	9.8	7.5	7.2	5.5	4.0	2.8	5.1	3.5	4.4	7.9
LAKE	55	44	48	50	74	49	40	42	43	32	48	7.4	6.0	7.6	7.7	11.1	8.6	7.2	7.5	7.5	5.6	7.9
LASSEN	18	16	15	14	23	11	11	14	9	4	6	5.7	5.0	4.8	4.6	7.8	3.8	3.4	4.8	3.2	a	2.5
LOS ANGELES	11,464	9,542	8,550	7,120	6,213	5,005	4,790	4,487	3,855	3,599	3,246	5.7	4.9	4.5	4.0	3.6	3.0	3.0	2.9	2.5	2.3	2.2
MADERA	139	114	113	128	129	82	85	101	86	111	116	7.1	5.7	5.7	6.6	6.5	4.1	4.3	4.9	4.4	5.3	5.3
MARIN	61	52	43	72	72	74	56	52	39	59	47	2.1	1.8	1.5	2.7	2.8	2.8	2.1	2.0	1.5	2.1	1.6
MARIPOSA	10	5	12	16	8	5	6	8	6	11	14	5.3	3.2	6.8	8.8	5.4	3.3	4.5	6.1	4.9	9.0	9.4
MENDOCINO	107	116	140	170	165	74	76	94	103	111	103	9.0	10.3	13.0	15.2	14.8	7.4	7.6	8.8	10.2	10.3	9.8
MERCED	410	322	323	294	247	220	258	294	325	354	395	9.5	7.6	7.5	7.2	6.2	6.0	7.3	8.4	9.0	9.3	10.3
MODOC	11	4	7	7	9	5	4	5	3	4	3	10.2	a	5.5	5.8	7.4	4.4	a	6.2	a	a	a
MONO	22	14	11	10	10	3	8	7	6	2	5	14.9	9.7	8.1	7.9	7.4	a	6.8	5.2	5.0	a	3.0
MONTEREY	851	805	704	496	476	350	281	269	311	307	259	10.6	10.0	9.6	7.1	7.1	5.3	4.2	4.0	4.7	4.5	3.6
NAPA	63	57	70	61	63	64	39	69	64	67	67	4.1	3.8	4.5	4.1	4.4	4.3	2.7	5.1	4.7	5.0	4.3
NEVADA	34	23	25	30	23	28	21	28	17	34	32	3.8	2.6	2.9	5.1	2.8	3.5	2.6	3.7	2.2	4.5	3.9
ORANGE	3,573	2,869	2,137	1,944	1,672	1,522	1,427	1,198	1,129	913	811	7.0	5.6	4.2	3.9	3.4	3.2	3.0	2.6	2.4	2.0	1.8
PLACER	100	65	86	77	90	83	55	53	59	63	64	3.6	2.5	3.3	2.9	3.1	3.0	2.1	2.0	2.0	2.1	2.1
PLUMAS	5	6	2	5	9	8	3	3	3	7	6	2.3	3.4	a	2.8	5.4	5.4	a	a	a	4.7	4.1
RIVERSIDE	2,270	1,787	1,701	1,682	1,617	1,340	1,284	1,299	1,002	1,016	1,006	8.9	7.1	6.8	6.8	6.7	5.8	5.6	5.7	4.3	4.1	4.0
SACRAMENTO	1,236	1,132	1,192	1,031	1,301	925	841	839	713	667	704	6.3	5.8	6.2	5.6	7.0	5.2	4.9	4.8	4.1	3.7	3.8
SAN BENITO	93	52	28	12	18	21	16	25	11	25	37	13.0	7.0	3.5	1.7	2.3	2.7	1.8	2.8	1.1	2.9	3.8
SAN BERNARDINO	2,298	1,828	2,136	2,162	2,013	1,519	1,392	1,411	1,253	1,141	1,077	7.0	5.6	6.7	7.0	6.8	5.2	5.0	5.1	4.5	4.1	3.8
SAN DIEGO	4,538	3,875	3,534	3,281	3,012	2,447	2,440	2,241	1,905	1,748	1,443	9.3	7.8	7.4	7.0	6.6	5.5	5.7	5.2	4.5	4.0	3.4
SAN FRANCISCO	560	456	358	395	311	213	244	248	246	234	228	5.7	4.8	4.0	4.4	3.6	2.6	3.0	3.0	3.0	2.7	2.8
SAN JOAQUIN	954	668	612	658	513	472	491	549	540	701	586	10.0	7.2	6.6	7.2	5.8	5.6	5.8	6.6	6.2	7.5	6.1
SAN LUIS OBISPO	172	111	89	116	133	103	82	84	55	87	71	5.7	4.2	3.3	4.3	5.0	4.2	3.3	3.6	2.4	3.6	2.9
SAN MATEO	424	306	283	307	317	286	323	289	264	283	291	4.0	2.9	2.8	3.0	3.2	2.9	3.2	2.9	2.6	2.7	2.8
SANTA BARBARA	504	422	341	275	270	245	206	202	215	242	240	7.6	6.4	5.2	4.3	4.7	4.1	3.6	3.5	3.9	4.3	4.3
SANTA CLARA	1,219	1,031	1,040	1,135	958	811	681	681	662	758	696	4.5	3.8	3.9	4.3	3.8	3.1	2.6	2.6	2.5	2.8	2.6
SANTA CRUZ	232	220	178	137	136	124	83	105	82	75	67	5.7	5.6	4.7	3.8	4.0	3.7	2.4	3.1	2.4	2.1	1.9
SHASTA	63	55	58	84	78	49	50	54	51	32	42	2.8	2.4	2.7	4.0	3.9	2.4	2.5	2.8	2.8	1.8	2.2
SIERRA	2	1	-	1	1	-	1	-	-	2	-	a	a	-	a	a	-	a	-	-	a	-
SISKIYOU	35	16	26	38	37	31	16	26	9	16	23	7.1	4.1	5.1	8.3	7.5	5.8	3.8	5.8	2.0	4.0	5.5
SOLANO	400	308	351	366	489	407	325	322	278	276	309	6.2	4.8	5.8	6.3	8.7	7.2	6.2	6.7	5.8	5.5	5.4
SONOMA	177	166	170	156	135	106	107	151	112	120	146	2.9	2.9	3.1	2.9	2.6	2.0	2.1	2.9	2.2	2.2	2.6
STANISLAUS	332	272	303	282	297	220	234	238	224	211	280	4.3	3.6	4.1	3.8	4.1	3.1	3.5	3.5	3.2	3.0	3.8
SUTTER	116	134	101	106	85	69	83	70	70	66	49	9.4	10.5	8.7	8.6	7.3	6.1	6.9	6.1	6.2	5.7	4.0
TEHAMA	45	35	38	47	39	34	30	21	22	12	14	6.0	4.9	4.8	6.1	5.4	5.1	4.8	3.2	3.5	1.8	2.2
TRINITY	6	9	7	3	4	2	3	10	4	4	5	4.0	5.8	5.1	a	a	a	a	8.3	a	a	4.5
TULARE	731	645	498	426	402	395	364	398	245	263	230	10.1	8.7	6.9	5.8	5.6	5.5	5.3	6.0	3.8	3.9	3.2
TUOLUMNE	7	6	13	10	13	10	7	7	9	4	7	1.3	1.1	2.8	2.2	2.6	2.2	1.5	1.6	2.0	a	1.6
VENTURA	727	456	302	289	304	202	205	210	179	217	206	5.7	3.7	2.5	2.5	2.5	1.7	1.8	1.8	1.6	1.8	1.8
YOLO	151	149	150	169	198	135	128	149	127	132	133	6.5	6.6	6.8	7.6	9.1	6.3	6.1	7.0	6.0	5.9	5.8
YUBA	162	141	136	135	102	88	93	71	81	79	83	12.5	10.6	10.6	11.0	8.6	8.1	8.9	7.2	8.1	7.5	7.9

\- Represents zero events.

a Percents are not calculated for fewer than five events.

Notes: Late prenatal care is care beginning in the third trimester.
Births with unknown prenatal care were subtracted from total births before percentages were calculated.

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

TABLE 2-20. NUMBER AND PERCENT OF LOW BIRTHWEIGHT BIRTHS, CALIFORNIA COUNTIES, 1991-2001 (By Place of Residence)

COUNTY	LOW BIRTHWEIGHT BIRTHS											PERCENT OF ALL LIVE BIRTHS										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CALIFORNIA	35,359	35,608	35,116	34,876	33,588	32,649	32,232	32,438	31,686	32,853	33,196	5.8	5.9	6.0	6.2	6.1	6.1	6.1	6.2	6.1	6.2	6.3
ALAMEDA	1,676	1,632	1,492	1,594	1,454	1,440	1,436	1,502	1,342	1,485	1,567	7.2	7.2	6.8	7.5	6.9	7.0	6.9	7.2	6.5	6.7	7.1
ALPINE	2	1	-	-	-	-	-	-	-	-	-	a	a	-	-	-	-	-	-	-	-	-
AMADOR	12	11	8	13	13	11	16	17	14	8	14	4.3	3.6	2.9	4.7	5.3	3.8	5.9	6.5	5.3	3.4	5.3
BUTTE	108	126	143	155	131	122	103	107	123	109	121	4.2	4.8	5.5	6.2	5.2	4.9	4.6	4.7	5.5	5.0	5.2
CALAVERAS	18	23	12	25	28	17	15	12	19	17	9	4.7	5.9	3.4	6.6	7.3	5.3	4.6	4.2	5.8	5.5	2.8
COLUSA	11	8	16	17	27	10	14	20	22	16	13	3.3	2.5	4.9	5.1	8.5	3.3	4.6	6.4	6.6	4.8	3.6
CONTRA COSTA	830	777	769	802	744	776	774	794	800	852	870	6.2	6.1	6.1	6.5	6.0	6.3	6.3	6.3	6.4	6.5	6.6
DEL NORTE	7	7	17	24	14	15	24	15	12	16	15	1.8	2.0	4.8	7.0	4.5	4.5	7.4	4.7	4.0	5.1	5.5
EL DORADO	116	104	104	98	96	107	110	86	81	93	84	5.9	5.9	5.8	5.5	5.6	6.4	6.6	5.1	4.9	5.7	4.9
FRESNO	1,100	1,147	1,033	1,059	1,009	947	935	922	903	941	948	6.8	7.1	6.4	6.8	6.7	6.5	6.6	6.4	6.4	6.6	6.6
GLENN	14	32	12	20	18	16	20	15	18	24	24	2.9	6.6	2.9	4.3	4.1	3.6	4.7	3.9	4.7	6.2	5.9
HUMBOLDT	87	63	87	78	77	75	59	76	56	74	74	5.0	3.9	5.4	4.9	4.9	5.0	4.0	5.2	3.9	5.4	4.9
IMPERIAL	147	152	146	144	132	109	115	175	121	125	133	5.2	5.1	5.1	5.3	5.0	4.4	4.8	7.0	4.9	4.9	5.1
INYO	14	18	15	10	16	17	11	12	8	10	9	6.0	7.6	7.3	4.7	6.6	7.7	5.8	6.0	4.2	6.0	5.0
KERN	830	847	869	826	787	760	671	717	689	772	741	6.4	6.5	6.9	6.5	6.6	6.6	6.0	6.2	6.1	6.6	6.3
KINGS	110	142	139	136	120	141	122	118	139	126	128	4.8	6.2	6.0	6.1	5.6	6.3	5.9	5.5	6.5	5.8	6.0
LAKE	44	41	35	32	44	28	32	34	30	29	37	5.9	5.6	5.5	4.9	6.5	4.8	5.7	6.0	5.2	5.0	6.1
LASSEN	10	8	11	21	20	7	16	14	9	16	17	3.2	2.5	3.5	6.9	6.7	2.4	4.9	4.8	3.2	6.1	7.0
LOS ANGELES	12,234	12,127	11,698	11,474	11,270	10,761	10,487	10,408	10,232	10,080	10,213	6.0	6.1	6.2	6.4	6.4	6.4	6.5	6.6	6.6	6.4	6.7
MADERA	121	103	120	93	115	109	93	119	99	118	129	6.2	5.2	6.0	4.8	5.8	5.4	4.7	5.7	5.1	5.6	5.9
MARIN	130	134	154	156	133	149	142	135	134	172	164	4.4	4.6	5.5	5.7	5.1	5.6	5.4	5.3	5.1	6.1	5.7
MARIPOSA	16	9	14	5	12	5	10	12	5	10	14	8.4	5.8	7.9	2.7	7.9	3.2	7.4	8.9	4.0	7.9	9.2
MENDOCINO	51	61	70	64	51	57	55	58	34	35	50	4.3	5.4	6.3	5.6	4.5	5.6	5.4	5.4	3.4	3.2	4.7
MERCED	248	249	244	212	245	235	216	211	222	241	224	5.7	5.9	5.6	5.1	6.1	6.3	6.0	6.0	6.1	6.2	5.7
MODOC	7	4	9	13	7	7	5	5	4	3	2	6.4	a	7.0	10.7	5.7	6.1	5.1	6.2	a	a	a
MONO	9	10	11	9	11	5	10	6	8	2	15	6.0	6.9	8.0	7.1	8.1	4.2	8.5	4.4	6.7	a	8.9
MONTEREY	405	435	374	411	359	319	371	359	397	389	400	5.0	5.3	5.0	5.8	5.3	4.8	5.5	5.3	5.9	5.6	5.6
NAPA	71	61	70	64	62	59	67	74	77	80	75	4.6	4.0	4.5	4.3	4.2	3.9	4.5	5.0	5.2	5.3	4.8
NEVADA	51	31	43	36	41	48	41	43	43	36	45	5.7	3.4	4.9	4.3	4.9	6.0	5.2	5.7	5.6	4.7	5.4
ORANGE	2,591	2,714	2,662	2,625	2,613	2,488	2,521	2,538	2,578	2,561	2,672	5.0	5.2	5.2	5.2	5.4	5.2	5.3	5.5	5.5	5.5	5.9
PLACER	156	119	122	149	143	127	131	133	131	190	175	5.6	4.5	4.6	5.6	5.0	4.6	5.0	5.0	4.4	6.2	5.6
PLUMAS	15	13	7	11	10	10	3	3	3	6	7	7.0	7.3	3.3	6.1	6.0	6.8	a	a	a	4.0	4.8
RIVERSIDE	1,465	1,517	1,586	1,559	1,394	1,440	1,528	1,437	1,355	1,564	1,458	5.7	6.0	6.3	6.3	5.8	6.1	6.6	6.2	5.8	6.3	5.7
SACRAMENTO	1,145	1,242	1,226	1,252	1,230	1,097	1,190	1,200	1,165	1,191	1,282	5.8	6.3	6.3	6.8	6.6	6.1	6.9	6.8	6.6	6.5	6.8
SAN BENITO	23	64	36	39	39	39	36	44	47	51	47	3.2	8.5	4.5	5.3	4.9	4.9	4.1	4.9	4.8	5.8	4.8
SAN BERNARDINO	2,076	2,138	2,129	2,074	2,018	1,941	1,895	1,771	1,788	1,881	1,958	6.3	6.5	6.6	6.6	6.7	6.6	6.7	6.3	6.3	6.6	6.7
SAN DIEGO	2,714	2,845	2,956	2,821	2,553	2,614	2,518	2,603	2,563	2,668	2,644	5.5	5.6	6.0	5.9	5.6	5.8	5.8	6.0	5.9	6.0	6.0
SAN FRANCISCO	743	615	625	605	610	559	541	583	551	558	610	7.5	6.4	6.9	6.7	7.1	6.7	6.6	7.1	6.8	6.4	7.4
SAN JOAQUIN	617	614	633	634	567	578	570	554	492	610	619	6.3	6.5	6.7	6.8	6.3	6.6	6.5	6.4	5.6	6.4	6.3
SAN LUIS OBISPO	193	107	147	131	121	136	134	109	116	130	126	6.4	4.1	5.5	4.9	4.6	5.5	5.4	4.6	4.9	5.3	5.2
SAN MATEO	591	608	543	554	586	577	592	685	586	640	580	5.5	5.8	5.3	5.3	5.9	5.7	5.9	6.8	5.8	6.1	5.7
SANTA BARBARA	343	329	343	344	332	363	336	346	302	315	342	5.2	5.0	5.2	5.4	5.7	6.1	5.8	6.0	5.5	5.5	6.1
SANTA CLARA	1,456	1,500	1,430	1,514	1,573	1,599	1,551	1,612	1,620	1,696	1,614	5.2	5.5	5.3	5.7	6.1	6.0	5.9	6.0	6.2	6.1	6.0
SANTA CRUZ	196	176	179	205	164	150	180	188	182	184	164	4.8	4.4	4.6	5.6	4.7	4.4	5.1	5.5	5.3	5.2	4.7
SHASTA	96	111	100	119	114	102	96	106	95	114	106	4.3	4.9	4.7	5.6	5.6	5.0	4.8	5.5	5.1	6.2	5.5
SIERRA	1	-	-	3	-	-	-	-	1	-	-	a	-	-	a	-	-	-	-	a	-	-
SISKIYOU	20	18	25	14	37	30	24	23	25	29	40	4.0	4.6	4.9	3.0	7.5	5.6	5.6	5.0	5.4	7.0	9.4
SOLANO	383	401	420	385	361	366	349	351	384	399	386	5.9	6.1	6.8	6.5	6.3	6.3	6.4	6.4	6.9	6.8	6.7
SONOMA	270	277	276	254	302	299	267	272	311	320	313	4.4	4.8	4.9	4.6	5.5	5.4	4.9	5.0	5.7	5.7	5.5
STANISLAUS	392	419	477	487	427	439	450	454	417	404	505	5.1	5.5	6.4	6.6	5.9	6.1	6.6	6.6	5.9	5.6	6.7
SUTTER	52	67	81	70	52	75	73	79	68	67	76	4.2	5.2	7.0	5.7	4.5	6.6	6.0	6.8	6.0	5.7	6.3
TEHAMA	36	28	43	34	49	34	28	27	30	43	25	4.8	3.9	5.4	4.4	6.7	5.1	4.5	4.1	4.7	6.3	3.9
TRINITY	7	7	6	9	10	7	5	13	4	5	7	4.7	4.5	4.4	7.4	8.1	4.8	5.0	10.7	a	5.9	6.3
TULARE	399	405	415	449	397	409	360	393	377	438	404	5.4	5.4	5.7	6.1	5.6	5.7	5.2	5.7	5.6	6.0	5.5
TUOLUMNE	24	39	38	40	23	25	27	25	26	25	23	4.3	7.1	8.1	8.6	4.7	5.4	5.8	5.8	5.9	5.9	5.2
VENTURA	678	690	679	677	644	609	659	622	653	694	676	5.3	5.5	5.6	5.7	5.3	5.2	5.8	5.4	5.7	5.9	6.0
YOLO	128	112	130	145	112	119	125	126	101	120	118	5.3	4.7	5.7	6.4	5.1	5.5	5.9	5.9	4.7	5.3	5.1
YUBA	70	70	87	82	71	65	73	75	74	71	84	5.4	5.2	6.8	6.7	6.0	5.9	7.0	7.6	7.4	6.7	8.0

- 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.

California Department of Health Services 57 Vital Statistics of California, 2001

TABLE 2-21. NUMBER AND PERCENT OF LIVE BIRTHS TO TEEN MOTHERS, CALIFORNIA COUNTIES, 1991-2001 (By Place of Residence)

COUNTY	LIVE BIRTHS TO TEEN MOTHERS											PERCENT OF ALL LIVE BIRTHS										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CALIFORNIA	70,322	69,272	68,519	68,198	66,644	63,118	59,851	58,141	56,577	55,373	52,966	11.5	11.5	11.7	12.0	12.1	11.7	11.4	11.2	10.9	10.4	10.0
ALAMEDA	2,179	2,211	2,053	1,911	1,991	1,830	1,777	1,755	1,597	1,694	1,574	9.4	9.7	9.4	8.9	9.5	8.9	8.6	8.4	7.8	7.6	7.1
ALPINE	4	3	-	1	4	1	1	2	-	1	-	a	a	-	a	a	a	a	a	-	a	-
AMADOR	23	31	31	31	35	37	36	26	29	23	30	8.3	10.1	11.3	11.2	14.2	12.8	13.3	9.9	11.0	9.8	11.4
BUTTE	325	383	385	330	391	396	342	326	296	239	266	12.7	14.7	14.8	13.3	15.5	16.0	15.2	14.4	13.1	10.9	11.5
CALAVERAS	43	40	46	43	52	48	38	25	48	36	37	11.1	10.3	12.9	11.3	13.6	15.0	11.6	8.7	14.8	11.7	11.5
COLUSA	48	47	46	52	51	41	40	35	56	58	48	14.5	14.8	14.2	15.6	16.1	13.6	13.0	11.1	16.7	17.6	13.4
CONTRA COSTA	1,111	1,021	1,080	1,070	1,072	1,093	1,055	1,004	978	941	883	8.3	8.0	8.5	8.6	8.6	8.9	8.6	8.0	7.8	7.1	6.7
DEL NORTE	67	65	53	62	63	54	62	65	63	59	58	16.8	18.2	15.1	18.1	20.3	16.2	19.1	20.6	21.1	18.7	21.1
EL DORADO	174	135	167	167	176	150	155	149	153	129	148	8.9	7.6	9.3	9.3	10.2	9.0	9.3	8.9	9.3	7.9	8.7
FRESNO	2,630	2,596	2,678	2,654	2,633	2,517	2,535	2,459	2,409	2,360	2,245	16.3	16.1	16.6	17.1	17.5	17.2	18.0	17.1	17.2	16.5	15.7
GLENN	66	64	58	64	65	61	65	63	54	52	49	13.6	13.3	13.8	13.9	14.7	13.9	15.2	16.6	14.0	13.5	12.1
HUMBOLDT	232	222	221	205	217	197	185	181	179	157	143	13.4	13.6	13.7	12.8	13.8	13.1	12.5	12.4	12.3	11.5	9.5
IMPERIAL	382	468	486	430	388	400	381	399	383	432	411	13.5	15.8	17.1	15.8	14.7	16.0	16.0	16.0	15.5	16.8	15.8
INYO	35	33	27	38	32	37	33	31	30	28	23	14.9	13.9	13.1	17.8	13.2	16.7	17.4	15.4	15.8	16.8	12.8
KERN	2,054	2,092	2,050	2,189	2,146	1,952	1,928	1,953	1,923	1,954	1,820	15.8	16.1	16.4	17.4	18.0	16.9	17.1	17.0	16.9	16.7	15.5
KINGS	407	385	385	392	387	381	369	373	379	362	328	17.8	16.8	16.7	17.5	18.1	16.9	17.7	17.2	17.6	16.7	15.4
LAKE	121	115	97	122	107	117	99	110	84	94	99	16.3	15.6	15.3	18.6	15.9	20.1	17.5	19.4	14.5	16.1	16.3
LASSEN	50	49	57	55	62	48	39	51	39	31	35	15.9	15.2	18.1	18.0	20.8	16.2	11.9	17.3	13.7	11.8	14.4
LOS ANGELES	24,321	23,416	22,628	22,091	21,612	19,958	18,530	17,923	17,143	16,608	15,550	12.0	11.9	11.9	12.2	12.4	11.8	11.4	11.3	11.0	10.6	10.1
MADERA	357	337	390	390	399	371	381	359	331	341	378	18.2	16.9	19.6	20.1	20.0	18.5	19.2	17.3	16.9	16.2	17.3
MARIN	108	122	121	119	93	119	111	79	91	81	77	3.6	4.2	4.3	4.3	3.6	4.5	4.2	3.1	3.4	2.9	2.7
MARIPOSA	28	19	17	22	21	11	19	18	21	23	13	14.7	12.2	9.6	12.0	13.9	7.1	14.1	13.3	16.7	18.3	8.5
MENDOCINO	155	150	170	197	202	167	139	156	147	148	144	13.0	13.2	15.4	17.2	17.9	16.4	13.6	14.4	14.5	13.7	13.6
MERCED	709	712	708	751	768	674	620	558	648	616	587	16.3	16.7	16.2	18.1	19.1	18.1	17.2	15.8	17.7	15.9	14.9
MODOC	18	14	22	21	14	25	23	11	6	14	3	16.5	16.9	17.2	17.2	11.5	21.9	23.5	13.6	8.8	17.5	a
MONO	14	14	5	8	9	9	14	9	6	17	13	9.4	9.7	3.6	6.3	6.6	7.5	11.9	6.7	5.0	13.3	7.7
MONTEREY	1,009	1,042	983	972	936	900	925	872	858	858	892	12.4	12.7	13.1	13.8	13.7	13.6	13.8	12.8	12.8	12.4	12.4
NAPA	134	120	130	142	163	158	126	138	130	127	111	8.7	7.9	8.3	9.4	11.1	10.5	8.4	9.3	8.7	8.5	7.1
NEVADA	82	86	75	86	86	86	89	85	65	66	77	9.2	9.6	8.6	10.2	10.3	10.8	11.2	11.2	8.4	8.7	9.3
ORANGE	4,748	4,715	4,529	4,535	4,268	4,247	3,944	3,698	3,676	3,605	3,363	9.2	9.1	8.9	9.1	8.8	8.8	8.3	8.0	7.9	7.7	7.4
PLACER	239	214	244	244	262	229	214	194	196	173	189	8.6	8.1	9.3	9.1	9.1	8.3	8.2	7.3	6.6	5.7	6.1
PLUMAS	27	29	31	25	31	24	15	20	15	17	16	12.6	16.2	14.6	13.8	18.5	16.2	9.6	15.9	10.9	11.3	10.9
RIVERSIDE	3,238	3,240	3,381	3,424	3,409	3,284	3,222	3,206	3,158	3,221	3,193	12.7	12.8	13.5	13.8	14.1	14.0	13.8	13.8	13.4	13.0	12.6
SACRAMENTO	2,359	2,490	2,519	2,432	2,362	2,131	2,099	2,110	2,004	1,930	1,837	11.9	12.7	13.0	13.1	12.6	11.9	12.1	11.9	11.3	10.6	9.7
SAN BENITO	84	111	96	98	113	124	109	119	110	82	99	11.5	14.7	11.9	13.2	14.2	15.5	12.3	13.4	11.3	9.4	10.1
SAN BERNARDINO	4,507	4,448	4,546	4,534	4,485	4,316	4,128	4,073	4,118	3,872	3,855	13.6	13.6	14.1	14.4	14.9	14.7	14.6	14.4	14.5	13.5	13.2
SAN DIEGO	5,180	5,376	5,203	5,239	4,937	4,831	4,192	4,277	4,284	4,080	3,954	10.4	10.6	10.6	11.0	10.8	10.8	9.7	9.8	9.9	9.2	9.0
SAN FRANCISCO	806	707	654	669	637	588	584	488	488	456	410	8.2	7.4	7.2	7.4	7.4	7.0	7.1	6.0	6.0	5.3	5.0
SAN JOAQUIN	1,443	1,373	1,421	1,457	1,454	1,328	1,367	1,228	1,303	1,356	1,257	14.8	14.5	15.0	15.6	16.1	15.1	15.7	14.2	14.7	14.1	12.8
SAN LUIS OBISPO	292	267	266	271	273	249	242	256	237	243	200	9.7	10.1	10.0	10.1	10.3	10.0	9.7	10.8	10.1	10.0	8.2
SAN MATEO	742	688	751	726	719	702	677	688	609	599	548	6.9	6.5	7.3	7.0	7.2	7.0	6.7	6.8	6.0	5.7	5.3
SANTA BARBARA	753	794	850	797	705	724	715	678	603	641	630	11.3	12.0	12.9	12.5	12.1	12.1	12.4	11.8	11.0	11.3	11.2
SANTA CLARA	2,461	2,365	2,305	2,385	2,204	2,137	2,143	2,018	1,871	1,807	1,754	8.8	8.6	8.5	9.0	8.5	8.0	8.1	7.6	7.1	6.5	6.5
SANTA CRUZ	416	382	418	410	410	367	342	351	316	330	305	10.1	9.5	10.8	11.2	11.8	10.7	9.6	10.3	9.2	9.4	8.8
SHASTA	308	334	324	311	300	322	329	309	286	224	282	13.8	14.8	15.2	14.7	14.7	15.7	16.5	15.9	15.5	12.3	14.5
SIERRA	5	5	5	2	3	1	2	3	-	4	1	26.3	21.7	25.0	a	a	a	a	a	-	a	a
SISKIYOU	77	57	76	80	79	73	80	68	74	52	66	15.4	14.6	14.9	17.4	16.1	13.7	18.8	14.8	16.0	12.6	15.5
SOLANO	720	764	740	705	686	700	651	611	639	601	551	11.2	11.7	11.9	11.9	12.0	12.1	11.9	11.1	11.5	10.2	9.6
SONOMA	501	466	494	548	534	504	525	497	505	452	423	8.2	8.0	8.8	10.0	9.8	9.2	9.7	9.1	9.3	8.0	7.4
STANISLAUS	1,068	1,016	1,067	1,117	1,070	1,084	1,037	995	928	995	989	14.0	13.4	14.3	15.1	14.7	15.1	15.3	14.4	13.0	13.7	13.0
SUTTER	174	174	159	172	177	141	145	157	120	139	151	14.0	13.6	13.7	13.9	15.3	12.3	12.0	13.6	10.6	11.9	12.4
TEHAMA	115	101	118	145	132	115	108	109	126	132	97	15.3	14.0	15.0	18.8	18.1	17.1	17.2	16.7	19.9	19.2	15.3
TRINITY	25	25	21	23	16	18	20	21	17	11	24	16.8	15.9	15.3	19.0	13.0	12.4	20.0	17.4	18.9	12.9	21.4
TULARE	1,285	1,284	1,320	1,441	1,380	1,387	1,283	1,287	1,223	1,250	1,219	17.5	17.3	18.1	19.6	19.3	19.3	18.5	18.7	18.1	17.2	16.7
TUOLUMNE	58	60	56	53	80	65	66	56	54	42	42	10.4	11.0	11.9	11.3	16.3	14.0	14.1	13.1	12.3	9.8	9.6
VENTURA	1,298	1,290	1,243	1,218	1,247	1,159	1,103	1,041	1,100	1,121	1,061	10.1	10.3	10.2	10.3	10.3	9.9	9.8	9.0	9.6	9.5	9.4
YOLO	265	272	281	318	275	236	231	219	202	214	221	11.0	11.4	12.3	14.0	12.6	11.0	11.0	10.2	9.4	9.5	9.5
YUBA	242	233	232	204	221	194	161	149	169	175	187	18.6	17.5	18.1	16.6	18.7	17.7	15.4	15.1	16.8	16.6	17.8

- Represents zero events.

a Percents are not calculated for fewer than five events.

Note: Teen mothers include ages 15-19 years.

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

TABLE 2-22. PERCENT OF LIVE BIRTHS WITH SELECTED MEDICAL CHARACTERISTICS, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (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	2.9	10.4	25.1	6.3
ALAMEDA	1.7	10.2	22.8	7.1
Berkeley [4]	1.0	7.1	21.3	4.9
ALPINE	-	-	a	-
AMADOR	1.9	10.2	23.1	5.3
BUTTE	3.7	11.0	21.0	5.2
CALAVERAS	4.3	7.6	26.9	2.8
COLUSA	7.0	6.2	20.1	3.6
CONTRA COSTA	2.3	9.9	22.4	6.6
DEL NORTE	4.0	10.4	21.5	5.5
EL DORADO	2.2	8.9	22.4	4.9
FRESNO	3.1	11.7	25.3	6.6
GLENN	4.7	8.8	18.0	5.9
HUMBOLDT	4.2	8.7	25.5	4.9
IMPERIAL	7.7	9.8	36.9	5.1
INYO	7.2	8.8	15.6	5.0
KERN	2.9	12.2	21.7	6.3
KINGS	7.9	10.4	30.6	6.0
LAKE	7.9	9.6	20.2	6.1
LASSEN	2.5	6.6	23.9	7.0
LOS ANGELES	2.2	11.0	27.5	6.7
Long Beach [4]	4.0	12.9	25.8	7.1
Pasadena [4]	2.4	12.6	28.8	7.0
MADERA	5.3	11.8	20.8	5.9
MARIN	1.6	8.4	23.0	5.7
MARIPOSA	9.4	11.1	28.8	9.2
MENDOCINO	9.8	8.8	20.5	4.7
MERCED	10.3	10.4	25.3	5.7
MODOC	a	9.8	15.9	a
MONO	3.0	10.9	29.0	8.9
MONTEREY	3.6	9.9	24.4	5.6
NAPA	4.3	7.7	22.4	4.8
NEVADA	3.9	8.3	20.5	5.4
ORANGE	1.8	10.0	26.3	5.9
PLACER	2.1	8.7	24.5	5.6
PLUMAS	4.1	7.6	24.5	4.8
RIVERSIDE	4.0	10.4	24.1	5.7
SACRAMENTO	3.8	10.2	21.9	6.8
SAN BENITO	3.8	9.9	26.7	4.8
SAN BERNARDINO	3.8	11.1	25.6	6.7
SAN DIEGO	3.4	10.7	24.9	6.0
SAN FRANCISCO	2.8	10.4	22.0	7.4
SAN JOAQUIN	6.1	10.5	22.6	6.3
SAN LUIS OBISPO	2.9	8.7	23.4	5.2
SAN MATEO	2.8	9.4	21.9	5.7
SANTA BARBARA	4.3	10.9	25.0	6.1
SANTA CLARA	2.6	8.4	22.2	6.0
SANTA CRUZ	1.9	9.3	21.5	4.7
SHASTA	2.2	7.9	23.1	5.5
SIERRA	-	-	a	-
SISKIYOU	5.5	10.5	25.1	9.4
SOLANO	5.4	11.0	22.1	6.7
SONOMA	2.6	7.9	22.8	5.5
STANISLAUS	3.8	11.7	25.0	6.7
SUTTER	4.0	11.3	25.6	6.3
TEHAMA	2.2	7.2	21.5	3.9
TRINITY	4.5	11.2	18.8	6.3
TULARE	3.2	10.0	27.3	5.5
TUOLUMNE	1.6	10.5	32.3	5.2
VENTURA	1.8	10.0	26.5	6.0
YOLO	5.8	7.7	20.2	5.1
YUBA	7.9	13.9	25.5	8.0

† Percents are calculated using total births excluding unknown, not reported, and out-of-range data.

[1] Third trimester or no prenatal care.

[2] Birth prior to 37 completed weeks of gestation.

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

[4] City Health Department.

- Represents zero events

a Percents not calculated for fewer than 5 events.

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

California Department of Health Services 59 Vital Statistics of California, 2001

TABLE 2-23. LIVE BIRTHS BY TRIMESTER PRENATAL CARE BEGAN, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	TOTAL	TRIMESTER PRENATAL CARE BEGAN			NO PRENATAL CARE	UNKNOWN
		FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER		
CALIFORNIA	527,371	442,937	60,699	12,321	2,937	8,477
ALAMEDA	22,029	19,640	1,644	282	97	366
Berkeley [1]	1,046	993	38	6	4	5
ALPINE	12	7	5	-	-	-
AMADOR	264	234	24	4	1	1
BUTTE	2,314	1,738	484	68	18	6
CALAVERAS	323	262	46	10	4	1
COLUSA	358	242	91	24	1	-
CONTRA COSTA	13,126	11,738	1,037	249	57	45
DEL NORTE	275	216	46	8	3	2
EL DORADO	1,698	1,481	175	29	8	5
FRESNO	14,290	12,037	1,732	348	88	85
GLENN	406	274	111	18	1	2
HUMBOLDT	1,500	1,200	202	51	10	37
IMPERIAL	2,597	1,959	418	121	78	21
INYO	180	126	41	9	4	-
KERN	11,723	8,817	1,487	264	39	1,116
KING	2,134	1,583	379	145	24	3
LAKE	609	426	130	43	5	5
LASSEN	243	193	43	3	3	1
LOS ANGELES	153,523	132,776	14,128	2,687	559	3,373
Long Beach [1]	8,192	6,958	834	274	52	74
Pasadena [1]	2,324	1,978	180	47	7	112
MADERA	2,187	1,733	323	86	30	15
MARIN	2,865	2,553	252	38	9	13
MARIPOSA	153	99	36	13	1	4
MENDOCINO	1,061	624	324	93	10	10
MERCED	3,952	2,324	1,118	360	35	115
MODOC	63	48	11	2	1	1
MONO	169	127	36	5	-	1
MONTEREY	7,176	5,987	917	210	49	13
NAPA	1,565	1,188	295	59	8	15
NEVADA	828	693	100	28	4	3
ORANGE	45,492	40,640	3,884	668	143	157
PLACER	3,104	2,715	315	57	7	10
PLUMAS	147	115	26	5	1	-
RIVERSIDE	25,382	20,589	3,474	802	204	313
SACRAMENTO	18,922	15,218	2,843	570	134	157
SAN BENITO	978	787	148	32	5	6
SAN BERNARDINO	29,215	23,124	4,436	815	262	578
SAN DIEGO	43,758	36,120	5,096	1,064	379	1,099
SAN FRANCISCO	8,233	7,125	816	167	61	64
SAN JOAQUIN	9,811	7,119	1,933	481	105	173
SAN LUIS OBISPO	2,436	2,003	353	68	3	9
SAN MATEO	10,263	8,792	1,165	237	54	15
SANTA BARBARA	5,612	4,404	941	211	29	27
SANTA CLARA	27,076	23,097	3,172	602	94	111
SANTA CRUZ	3,470	3,155	227	48	19	21
SHASTA	1,942	1,702	181	21	21	17
SIERRA	11	9	2	-	-	-
SISKIYOU	427	328	68	8	15	8
SOLANO	5,763	4,298	1,070	252	57	86
SONOMA	5,706	4,804	618	121	25	138
STANISLAUS	7,586	6,124	1,051	226	54	131
SUTTER	1,213	803	359	41	8	2
TEHAMA	636	526	94	13	1	2
TRINITY	112	92	14	3	2	1
TULARE	7,319	6,003	1,036	200	30	50
TUOLUMNE	439	386	46	4	3	-
VENTURA	11,329	10,201	895	164	42	27
YOLO	2,317	1,677	492	117	16	15
YUBA	1,049	656	309	67	16	1

- Represents zero events.

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

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

California Department of Health Services 60 Vital Statistics of California, 2001

TABLE 2-24. LIVE BIRTHS BY WEEKS OF GESTATION, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	TOTAL	WEEKS OF GESTATION			
		UNDER 37 WEEKS	37 WEEKS- UNDER 42 WEEKS	42 WEEKS AND OVER	NOT STATED
CALIFORNIA	527,371	51,974	405,533	41,917	27,947
ALAMEDA	22,029	2,169	17,367	1,785	708
Berkeley [1]	1,046	73	872	90	11
ALPINE	12	-	9	3	-
AMADOR	264	25	199	21	19
BUTTE	2,314	242	1,762	190	120
CALAVERAS	323	23	255	26	19
COLUSA	358	22	293	41	2
CONTRA COSTA	13,126	1,268	10,275	1,208	375
DEL NORTE	275	26	185	39	25
EL DORADO	1,698	145	1,327	155	71
FRESNO	14,290	1,479	9,902	1,219	1,690
GLENN	406	34	312	39	21
HUMBOLDT	1,500	121	1,110	166	103
IMPERIAL	2,597	248	2,061	214	74
INYO	180	15	143	13	9
KERN	11,723	1,255	7,896	1,143	1,429
KINGS	2,134	213	1,614	230	77
LAKE	609	55	457	58	39
LASSEN	243	15	181	32	15
LOS ANGELES	153,523	15,792	117,122	11,253	9,356
Long Beach [1]	8,192	1,006	6,155	639	392
Pasadena [1]	2,324	274	1,730	163	157
MADERA	2,187	247	1,619	221	100
MARIN	2,865	238	2,454	133	40
MARIPOSA	153	16	110	18	9
MENDOCINO	1,061	89	807	121	44
MERCED	3,952	389	2,927	411	225
MODOC	63	6	48	7	2
MONO	169	18	140	7	4
MONTEREY	7,176	683	5,583	604	306
NAPA	1,565	117	1,238	174	36
NEVADA	828	68	669	79	12
ORANGE	45,492	4,376	36,387	2,895	1,834
PLACER	3,104	264	2,500	257	83
PLUMAS	147	11	119	15	2
RIVERSIDE	25,382	2,472	19,240	2,079	1,591
SACRAMENTO	18,922	1,861	14,645	1,679	737
SAN BENITO	978	95	783	82	18
SAN BERNARDINO	29,215	3,026	21,717	2,583	1,889
SAN DIEGO	43,758	4,396	33,083	3,708	2,571
SAN FRANCISCO	8,233	831	6,752	439	211
SAN JOAQUIN	9,811	983	7,525	838	465
SAN LUIS OBISPO	2,436	207	2,012	162	55
SAN MATEO	10,263	952	8,662	557	92
SANTA BARBARA	5,612	571	4,199	487	355
SANTA CLARA	27,076	2,221	22,011	2,135	709
SANTA CRUZ	3,470	307	2,759	232	172
SHASTA	1,942	141	1,432	210	159
SIERRA	11	-	10	-	1
SISKIYOU	427	41	317	31	38
SOLANO	5,763	611	4,375	562	215
SONOMA	5,706	416	4,292	545	453
STANISLAUS	7,586	863	5,841	682	200
SUTTER	1,213	131	919	109	54
TEHAMA	636	42	480	62	52
TRINITY	112	12	87	8	5
TULARE	7,319	685	5,593	582	459
TUOLUMNE	439	46	366	26	1
VENTURA	11,329	1,083	8,775	986	485
YOLO	2,317	176	1,872	227	42
YUBA	1,049	136	715	129	69

- Represents zero events.

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

Note: "Not Stated" includes not only those weeks of gestation not stated, but also 294 live births of less than 17 weeks of gestation and 1,748 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.

California Department of Health Services 61 Vital Statistics of California, 2001

TABLE 2-25. NUMBER AND PERCENT OF LIVE BIRTHS BY METHOD OF DELIVERY, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 200
(By Place of Residence)

COUNTY	TOTAL BIRTHS	METHOD OF DELIVERY				PERCENT OF TOTAL BIRTHS			
		VAGINAL		CESAREAN		VAGINAL		CESAREAN	
		TOTAL	AFTER PREVIOUS CESAREAN	TOTAL	REPEAT	TOTAL	AFTER PREVIOUS CESAREAN	TOTAL	REPEAT
CALIFORNIA	527,371	394,898	6,606	132,473	53,743	74.9	1.3	25.1	10.2
ALAMEDA	22,029	17,006	202	5,023	1,668	77.2	0.9	22.8	7.6
Berkeley [1]	1,046	823	14	223	59	78.7	1.3	21.3	5.6
ALPINE	12	8	-	4	2	66.7	-	a	a
AMADOR	264	203	1	61	21	76.9	a	23.1	8.0
BUTTE	2,314	1,829	38	485	196	79.0	1.6	21.0	8.5
CALAVERAS	323	236	4	87	41	73.1	a	26.9	12.7
COLUSA	358	286	6	72	32	79.9	1.7	20.1	8.9
CONTRA COSTA	13,126	10,185	188	2,941	1,080	77.6	1.4	22.4	8.2
DEL NORTE	275	216	7	59	34	78.5	2.5	21.5	12.4
EL DORADO	1,698	1,317	24	381	151	77.6	1.4	22.4	8.9
FRESNO	14,290	10,671	131	3,619	1,653	74.7	0.9	25.3	11.6
GLENN	406	333	7	73	30	82.0	1.7	18.0	7.4
HUMBOLDT	1,500	1,118	30	382	153	74.5	2.0	25.5	10.2
IMPERIAL	2,597	1,638	7	959	439	63.1	0.3	36.9	16.9
INYO	180	152	9	28	10	84.4	5.0	15.6	5.6
KERN	11,723	9,182	161	2,541	1,112	78.3	1.4	21.7	9.5
KINGS	2,134	1,482	8	652	311	69.4	0.4	30.6	14.6
LAKE	609	486	15	123	51	79.8	2.5	20.2	8.4
LASSEN	243	185	2	58	21	76.1	a	23.9	8.6
LOS ANGELES	153,523	111,331	1,876	42,192	17,712	72.5	1.2	27.5	11.5
Long Beach [1]	8,192	6,080	88	2,112	926	74.2	1.1	25.8	11.3
Pasadena [1]	2,324	1,655	43	669	236	71.2	1.9	28.8	10.2
MADERA	2,187	1,732	13	455	221	79.2	0.6	20.8	10.1
MARIN	2,865	2,206	72	659	172	77.0	2.5	23.0	6.0
MARIPOSA	153	109	2	44	19	71.2	a	28.8	12.4
MENDOCINO	1,061	843	14	218	91	79.5	1.3	20.5	8.6
MERCED	3,952	2,953	35	999	477	74.7	0.9	25.3	12.1
MODOC	63	53	-	10	6	84.1	-	15.9	9.5
MONO	169	120	-	49	20	71.0	-	29.0	11.8
MONTEREY	7,176	5,422	82	1,754	760	75.6	1.1	24.4	10.6
NAPA	1,565	1,214	44	351	111	77.6	2.8	22.4	7.1
NEVADA	828	658	14	170	57	79.5	1.7	20.5	6.9
ORANGE	45,492	33,529	670	11,963	4,827	73.7	1.5	26.3	10.6
PLACER	3,104	2,343	42	761	294	75.5	1.4	24.5	9.5
PLUMAS	147	111	5	36	15	75.5	3.4	24.5	10.2
RIVERSIDE	25,382	19,254	292	6,128	2,851	75.9	1.2	24.1	11.2
SACRAMENTO	18,922	14,780	239	4,142	1,543	78.1	1.3	21.9	8.2
SAN BENITO	978	717	2	261	135	73.3	a	26.7	13.8
SAN BERNARDINO	29,215	21,731	453	7,484	3,460	74.4	1.6	25.6	11.8
SAN DIEGO	43,758	32,877	452	10,881	3,926	75.1	1.0	24.9	9.0
SAN FRANCISCO	8,233	6,423	132	1,810	445	78.0	1.6	22.0	5.4
SAN JOAQUIN	9,811	7,598	170	2,213	903	77.4	1.7	22.6	9.2
SAN LUIS OBISPO	2,436	1,866	44	570	221	76.6	1.8	23.4	9.1
SAN MATEO	10,263	8,020	180	2,243	740	78.1	1.8	21.9	7.2
SANTA BARBARA	5,612	4,210	95	1,402	571	75.0	1.7	25.0	10.2
SANTA CLARA	27,076	21,062	216	6,014	2,044	77.8	0.8	22.2	7.5
SANTA CRUZ	3,470	2,725	45	745	292	78.5	1.3	21.5	8.4
SHASTA	1,942	1,494	33	448	208	76.9	1.7	23.1	10.7
SIERRA	11	9	-	2	1	81.8	-	a	a
SISKIYOU	427	320	8	107	44	74.9	1.9	25.1	10.3
SOLANO	5,763	4,489	96	1,274	515	77.9	1.7	22.1	8.9
SONOMA	5,706	4,403	73	1,303	506	77.2	1.3	22.8	8.9
STANISLAUS	7,586	5,691	59	1,895	782	75.0	0.8	25.0	10.3
SUTTER	1,213	902	24	311	139	74.4	2.0	25.6	11.5
TEHAMA	636	499	5	137	54	78.5	0.8	21.5	8.5
TRINITY	112	91	4	21	9	81.3	a	18.8	8.0
TULARE	7,319	5,321	65	1,998	968	72.7	0.9	27.3	13.2
TUOLUMNE	439	297	7	142	54	67.7	1.6	32.3	12.3
VENTURA	11,329	8,332	138	2,997	1,267	73.5	1.2	26.5	11.2
YOLO	2,317	1,849	47	468	167	79.8	2.0	20.2	7.2
YUBA	1,049	781	18	268	111	74.5	1.7	25.5	10.6

- Represents zero events.

[a] Percents not calculated for fewer than five events.

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

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

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

California Department of Health Services 62 Vital Statistics of California, 2001

TABLE 2-26. LIVE BIRTHS BY PLACE OF DELIVERY, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(By Place of Occurrence)

COUNTY	TOTAL	IN HOSPITAL	NOT IN HOSPITAL	IN TRANSIT	UNKNOWN
CALIFORNIA	528,609	525,959	2,052	565	33
ALAMEDA	22,806	22,668	118	19	1
Berkeley [1]	7,520	7,494	22	4	-
ALPINE	-	-	-	-	-
AMADOR	194	193	1	-	-
BUTTE	2,783	2,763	18	2	-
CALAVERAS	93	89	3	1	-
COLUSA	174	173	-	1	-
CONTRA COSTA	11,315	11,260	47	5	3
DEL NORTE	283	280	2	1	-
EL DORADO	1,192	1,178	14	-	-
FRESNO	15,217	15,159	46	11	1
GLENN	-	-	-	-	-
HUMBOLDT	1,527	1,479	42	4	2
IMPERIAL	2,499	2,493	4	2	-
INYO	193	191	2	-	-
KERN	11,291	11,205	64	19	3
KINGS	2,468	2,459	7	2	-
LAKE	426	419	6	-	1
LASSEN	226	215	7	1	3
LOS ANGELES	158,782	158,284	334	160	4
Long Beach [1]	9,285	9,263	14	6	2
Pasadena [1]	4,548	4,539	9	-	-
MADERA	1,562	1,548	10	4	-
MARIN	1,967	1,927	37	3	-
MARIPOSA	4	1	1	-	2
MENDOCINO	1,004	964	37	3	-
MERCED	3,264	3,252	11	1	-
MODOC	34	33	-	-	1
MONO	124	124	-	-	-
MONTEREY	6,645	6,609	34	2	-
NAPA	1,225	1,214	10	1	-
NEVADA	933	894	38	1	-
ORANGE	47,228	47,078	107	41	2
PLACER	2,589	2,556	28	3	2
PLUMAS	131	129	2	-	-
RIVERSIDE	23,309	23,237	65	7	-
SACRAMENTO	21,023	20,915	94	14	-
SAN BENITO	631	630	1	-	-
SAN BERNARDINO	25,051	24,968	60	22	1
SAN DIEGO	45,416	45,237	151	28	-
SAN FRANCISCO	12,282	12,184	66	31	1
SAN JOAQUIN	9,336	9,292	26	18	-
SAN LUIS OBISPO	2,364	2,334	27	3	-
SAN MATEO	5,646	5,594	46	6	-
SANTA BARBARA	5,804	5,746	55	3	-
SANTA CLARA	31,917	31,803	97	17	-
SANTA CRUZ	3,679	3,601	77	1	-
SHASTA	1,956	1,924	31	1	-
SIERRA	1	-	1	-	-
SISKIYOU	313	304	9	-	-
SOLANO	5,347	5,317	20	10	-
SONOMA	5,827	5,748	72	7	-
STANISLAUS	8,363	8,342	17	4	-
SUTTER	1,997	1,996	-	1	-
TEHAMA	566	557	5	1	3
TRINITY	70	67	2	-	1
TULARE	6,493	6,470	20	3	-
TUOLUMNE	519	508	11	-	-
VENTURA	10,630	10,486	42	101	1
YOLO	1,884	1,862	22	-	-
YUBA	6	-	5	-	1

- Represents zero events.

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

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

California Department of Health Services 63 Vital Statistics of California, 2001

TABLE 2-27. LIVE BIRTHS BY BIRTHWEIGHT, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(By Place of Residence)

COUNTY	TOTAL	BIRTHWEIGHT					
		UNDER 1500 GRAMS	1500-2499 GRAMS	2500-3499 GRAMS	3500-4499 GRAMS	4500 GRAMS AND OVER	NOT STATED
CALIFORNIA	527,371	6,054	27,142	282,877	202,855	8,438	5
ALAMEDA	22,029	284	1,283	11,816	8,288	358	-
Berkeley [1]	1,046	8	43	545	428	22	-
ALPINE	12	-	-	6	6	-	-
AMADOR	264	4	10	134	112	4	-
BUTTE	2,314	11	110	1,169	985	39	-
CALAVERAS	323	1	8	178	131	5	-
COLUSA	358	4	9	190	151	4	-
CONTRA COSTA	13,126	122	748	6,646	5,370	240	-
DEL NORTE	275	3	12	131	122	7	-
EL DORADO	1,698	9	75	895	696	23	-
FRESNO	14,290	193	755	7,880	5,287	175	-
GLENN	406	4	20	196	179	7	-
HUMBOLDT	1,500	15	59	659	721	46	-
IMPERIAL	2,597	29	104	1,384	1,026	54	-
INYO	180	1	8	106	64	1	-
KERN	11,723	126	615	6,191	4,574	217	-
KINGS	2,134	27	101	1,104	855	47	-
LAKE	609	6	31	307	249	16	-
LASSEN	243	1	16	127	98	1	-
LOS ANGELES	153,523	1,962	8,251	84,822	56,302	2,185	1
Long Beach [1]	8,192	115	465	4,555	2,932	125	-
Pasadena [1]	2,324	37	125	1,384	759	19	-
MADERA	2,187	17	112	1,258	771	29	-
MARIN	2,865	22	142	1,440	1,204	57	-
MARIPOSA	153	1	13	85	52	2	-
MENDOCINO	1,061	11	39	522	471	18	-
MERCED	3,952	36	188	2,125	1,553	50	-
MODOC	63	1	1	32	29	-	-
MONO	169	1	14	116	37	1	-
MONTEREY	7,176	75	325	3,631	3,026	118	1
NAPA	1,565	18	57	773	676	41	-
NEVADA	828	1	44	444	325	14	-
ORANGE	45,492	463	2,209	24,566	17,552	702	-
PLACER	3,104	24	151	1,551	1,316	62	-
PLUMAS	147	-	7	99	39	2	-
RIVERSIDE	25,382	255	1,203	13,853	9,685	386	-
SACRAMENTO	18,922	235	1,047	9,557	7,714	369	-
SAN BENITO	978	5	42	474	436	21	-
SAN BERNARDINO	29,215	410	1,548	15,977	10,834	445	1
SAN DIEGO	43,758	520	2,124	22,618	17,701	795	-
SAN FRANCISCO	8,233	100	510	4,450	3,051	122	-
SAN JOAQUIN	9,811	115	504	5,222	3,808	161	1
SAN LUIS OBISPO	2,436	21	105	1,214	1,056	40	-
SAN MATEO	10,263	90	490	5,435	4,064	183	1
SANTA BARBARA	5,612	50	292	2,956	2,213	101	-
SANTA CLARA	27,076	264	1,350	15,204	9,888	370	-
SANTA CRUZ	3,470	22	142	1,759	1,484	63	-
SHASTA	1,942	21	85	970	827	39	-
SIERRA	11	-	-	5	5	1	-
SISKIYOU	427	3	37	227	157	3	-
SOLANO	5,763	77	309	2,942	2,309	126	-
SONOMA	5,706	51	262	2,815	2,479	99	-
STANISLAUS	7,586	102	403	3,920	3,031	130	-
SUTTER	1,213	14	62	641	476	20	-
TEHAMA	636	5	20	317	279	15	-
TRINITY	112	-	7	49	52	4	-
TULARE	7,319	78	326	3,897	2,889	129	-
TUOLUMNE	439	1	22	249	160	7	-
VENTURA	11,329	106	570	5,927	4,523	203	-
YOLO	2,317	20	98	1,098	1,043	58	-
YUBA	1,049	17	67	518	424	23	-

- Represents zero events.

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

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

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TABLE 2-28 PERCENT OF LIVE BIRTHS WITH SELECTED DEMOGRAPHIC CHARACTERISTICS, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (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	10.2	70.3	53.7	32.7	12.3	3.8	72.2
ALAMEDA	7.3	80.6	50.2	26.5	8.2	2.6	82.9
Berkeley [2]	3.4	92.8	66.9	19.8	4.8	0.9	93.7
ALPINE	-	66.7	75.0	41.7	a	-	58.3
AMADOR	11.7	81.0	93.6	38.3	9.8	7.7	86.6
BUTTE	11.6	79.5	83.2	35.0	12.6	5.0	80.4
CALAVERAS	11.5	85.7	92.9	32.5	9.9	3.0	89.3
COLUSA	13.4	55.0	45.8	27.4	13.1	5.6	55.3
CONTRA COSTA	6.9	82.0	63.5	24.5	10.0	2.2	83.9
DEL NORTE	21.8	66.4	85.5	49.5	16.4	5.4	70.3
EL DORADO	8.7	84.2	81.7	25.3	9.1	2.5	86.9
FRESNO	16.0	59.9	62.0	41.6	17.2	6.8	60.6
GLENN	12.1	67.5	69.0	30.8	13.1	4.0	63.6
HUMBOLDT	9.5	82.1	88.3	38.5	11.4	3.6	83.5
IMPERIAL	16.1	68.9	50.3	40.4	11.3	7.0	71.2
INYO	12.8	75.6	78.3	36.7	8.9	3.0	76.7
KERN	15.8	67.0	66.3	42.2	18.5	5.8	69.3
KINGS	15.5	68.8	68.8	37.5	14.4	6.2	70.3
LAKE	16.4	73.4	86.2	45.8	17.1	5.1	76.3
LASSEN	14.4	85.6	89.3	35.0	11.9	6.8	86.5
LOS ANGELES	10.3	64.4	43.3	38.1	13.1	3.9	66.4
Long Beach [2]	11.2	64.3	49.1	43.9	15.5	4.3	68.5
Pasadena [2]	7.7	74.8	52.3	27.0	10.1	3.1	76.9
MADERA	17.6	53.7	55.0	44.9	19.4	7.6	54.0
MARIN	2.7	85.1	66.7	16.4	5.1	0.6	83.3
MARIPOSA	8.5	84.0	93.5	39.9	15.7	a	89.4
MENDOCINO	13.8	72.9	71.2	42.9	12.4	4.5	73.6
MERCED	15.1	61.8	57.2	38.3	17.1	5.8	62.1
MODOC	a	81.0	85.5	23.8	19.0	a	80.6
MONO	7.7	64.9	54.2	30.8	5.9	a	63.4
MONTEREY	12.7	52.8	43.7	36.0	12.9	4.7	52.5
NAPA	7.2	70.1	57.4	21.5	9.5	1.9	67.7
NEVADA	9.3	85.2	88.1	28.1	10.3	3.2	85.3
ORANGE	7.5	69.5	45.9	25.8	10.8	2.4	71.1
PLACER	6.1	90.2	83.4	17.2	9.6	2.3	90.6
PLUMAS	10.9	84.4	95.2	30.7	8.8	a	89.8
RIVERSIDE	12.7	69.2	62.9	36.2	15.3	5.0	70.5
SACRAMENTO	9.9	79.8	68.7	32.1	13.9	3.9	82.1
SAN BENITO	10.3	67.6	60.4	29.3	12.3	3.2	68.7
SAN BERNARDINO	13.3	69.2	66.2	39.4	16.4	5.6	72.0
SAN DIEGO	9.2	75.9	58.2	28.1	10.5	3.2	79.4
SAN FRANCISCO	5.1	81.9	48.3	25.1	5.3	1.7	83.1
SAN JOAQUIN	13.0	69.2	62.5	38.0	15.8	5.1	69.3
SAN LUIS OBISPO	8.3	79.5	74.8	25.6	10.7	3.6	80.9
SAN MATEO	5.4	80.3	46.4	18.2	6.9	1.6	79.1
SANTA BARBARA	11.4	61.8	52.8	29.0	11.2	4.1	61.8
SANTA CLARA	6.6	78.7	40.3	21.2	7.4	2.2	81.1
SANTA CRUZ	8.8	66.7	56.5	29.7	9.4	2.9	66.0
SHASTA	14.6	80.8	93.1	38.8	12.5	4.5	85.4
SIERRA	a	63.6	90.9	a	a	-	66.7
SISKIYOU	15.7	78.8	89.9	36.0	11.5	3.8	79.9
SOLANO	9.7	80.9	69.1	31.8	11.6	3.7	83.1
SONOMA	7.5	73.3	63.4	26.8	8.1	2.2	73.6
STANISLAUS	13.2	69.1	65.5	34.2	14.3	4.5	70.5
SUTTER	12.5	72.4	61.6	29.6	11.8	3.7	71.2
TEHAMA	15.4	71.0	78.7	40.4	13.5	6.8	72.7
TRINITY	22.3	77.5	95.5	39.3	13.4	5.8	82.7
TULARE	16.9	57.2	59.2	42.6	16.9	6.7	55.8
TUOLUMNE	9.6	86.8	93.4	33.0	12.3	2.7	89.3
VENTURA	9.5	71.6	58.2	23.6	11.5	2.9	73.0
YOLO	9.6	75.3	62.7	27.4	10.9	3.8	74.0
YUBA	17.9	65.8	76.9	34.5	17.1	7.1	69.8

- Represents zero events.
[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.
† Births with unknown (not stated) characteristics were subtracted from totals before percentages were calculated.

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

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TABLE 2-29. LIVE BIRTHS BY AGE OF MOTHER (DETAILED UNDER AGE 20), CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

		AGE OF MOTHER													
		UNDER	15-19 BY SINGLE YEAR											45 AND	NOT
COUNTY	TOTAL	15	15	16	17	18	19	15-19	20-24	25-29	30-34	35-39	40-44	OVER	STATED
CALIFORNIA	527,371	810	2,433	5,485	9,389	14,886	20,773	52,966	123,227	136,439	127,946	68,829	16,037	1,078	39
ALAMEDA	22,029	28	78	159	277	437	623	1,574	4,098	5,713	6,278	3,483	793	62	-
Berkeley [1]	1,046	-	2	5	6	16	7	36	112	191	319	287	92	9	-
ALPINE	12	-	-	-	-	-	-	-	4	3	2	2	1	-	-
AMADOR	264	1	-	5	8	5	12	30	80	57	52	35	9	-	-
BUTTE	2,314	3	12	19	41	74	120	266	650	622	506	219	43	5	-
CALAVERAS	323	-	-	1	6	12	18	37	84	81	71	40	10	-	-
COLUSA	358	-	-	3	8	15	22	48	114	96	61	31	8	-	-
CONTRA COSTA	13,126	17	43	90	158	247	345	883	2,393	3,187	3,768	2,302	547	26	3
DEL NORTE	275	2	5	2	11	13	27	58	82	53	48	22	9	1	-
EL DORADO	1,698	-	6	15	26	35	66	148	381	379	467	272	45	6	-
FRESNO	14,290	40	120	276	380	630	839	2,245	4,160	3,649	2,581	1,306	287	22	-
GLENN	406	-	4	5	3	19	18	49	123	122	69	33	9	1	-
HUMBOLDT	1,500	-	5	10	26	46	56	143	465	407	292	152	40	1	-
IMPERIAL	2,597	7	17	47	80	124	143	411	703	695	493	243	44	1	-
INYO	180	-	1	1	4	4	13	23	71	41	28	14	3	-	-
KERN	11,723	33	104	192	295	513	716	1,820	3,728	2,937	2,003	955	229	18	-
KINGS	2,134	3	14	29	55	94	136	328	736	543	362	133	27	2	-
LAKE	609	1	2	12	17	34	34	99	177	140	112	65	14	1	-
LASSEN	243	-	-	3	10	13	9	35	83	64	32	25	4	-	-
LOS ANGELES	153,523	269	770	1,736	2,867	4,313	5,864	15,550	35,487	40,235	36,421	20,290	4,917	334	20
Long Beach [1]	8,192	18	52	91	141	263	354	901	2,054	2,186	1,893	915	210	14	1
Pasadena [1]	2,324	3	9	23	30	50	63	175	407	563	632	428	106	9	1
MADERA	2,187	8	15	45	61	110	147	378	692	550	340	167	47	5	-
MARIN	2,865	1	1	3	15	27	31	77	266	489	946	834	219	32	1
MARIPOSA	153	-	-	1	3	3	6	13	43	39	34	19	5	-	-
MENDOCINO	1,061	2	4	20	25	40	55	144	327	279	190	90	29	-	-
MERCED	3,952	9	29	53	107	170	228	587	1,249	999	716	307	82	3	-
MODOC	63	-	-	1	-	-	2	3	21	20	17	2	-	-	-
MONO	169	-	1	1	1	2	8	13	50	48	30	24	3	1	-
MONTEREY	7,176	16	42	79	189	265	317	892	2,001	1,860	1,498	722	176	11	-
NAPA	1,565	1	5	8	19	30	49	111	358	388	398	242	59	8	-
NEVADA	828	-	5	10	11	18	33	77	179	195	203	132	38	3	1
ORANGE	45,492	47	151	337	573	955	1,347	3,363	8,533	12,123	12,905	6,897	1,538	84	2
PLACER	3,104	1	5	13	35	47	89	189	520	762	992	529	105	5	1
PLUMAS	147	-	1	-	3	5	7	16	58	40	20	10	3	-	-
RIVERSIDE	25,382	39	124	344	565	898	1,262	3,193	6,901	6,707	5,363	2,619	536	23	1
SACRAMENTO	18,922	35	85	165	304	540	743	1,837	4,736	5,080	4,552	2,118	515	46	3
SAN BENITO	978	2	6	10	17	27	39	99	255	244	232	118	28	-	-
SAN BERNARDINO	29,215	43	149	392	691	1,090	1,533	3,855	8,465	7,607	5,903	2,692	612	35	3
SAN DIEGO	43,758	67	171	394	658	1,080	1,651	3,954	10,130	11,314	11,084	5,770	1,332	106	1
SAN FRANCISCO	8,233	12	22	28	65	131	164	410	1,174	1,721	2,733	1,738	411	34	-
SAN JOAQUIN	9,811	17	55	120	218	371	493	1,257	2,758	2,618	2,028	911	211	10	1
SAN LUIS OBISPO	2,436	2	4	18	34	61	83	200	574	619	611	336	88	6	-
SAN MATEO	10,263	9	31	52	94	156	215	548	1,572	2,261	3,286	2,096	464	27	-
SANTA BARBARA	5,612	8	27	54	116	185	248	630	1,403	1,398	1,295	715	156	7	-
SANTA CLARA	27,076	25	83	165	286	500	720	1,754	4,448	7,205	8,189	4,429	969	56	1
SANTA CRUZ	3,470	2	13	34	46	96	116	305	757	853	881	519	145	7	1
SHASTA	1,942	2	13	32	49	70	118	282	620	472	349	171	44	2	-
SIERRA	11	-	-	-	1	-	-	1	2	4	2	2	-	-	-
SISKIYOU	427	1	-	11	13	16	26	66	133	118	65	37	7	-	-
SOLANO	5,763	6	21	42	104	154	230	551	1,460	1,579	1,329	701	131	6	-
SONOMA	5,706	5	19	43	62	126	173	423	1,300	1,545	1,441	771	210	11	-
STANISLAUS	7,586	9	48	103	199	252	387	989	2,186	2,092	1,443	686	166	15	-
SUTTER	1,213	1	2	13	24	42	70	151	345	370	229	92	24	1	-
TEHAMA	636	1	4	10	18	23	42	97	228	153	105	46	5	1	-
TRINITY	112	1	-	1	1	9	13	24	29	27	21	9	1	-	-
TULARE	7,319	16	58	130	220	339	472	1,219	2,332	1,840	1,196	546	151	19	-
TUOLUMNE	439	-	-	1	11	13	17	42	144	98	96	44	15	-	-
VENTURA	11,329	15	39	101	206	296	419	1,061	2,445	2,886	2,870	1,651	377	24	-
YOLO	2,317	2	11	31	38	58	83	221	558	574	540	331	83	8	-
YUBA	1,049	1	8	15	35	53	76	187	356	238	168	84	13	2	-

- Represents zero events.

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

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

TABLE 2-30. GENERAL FERTILITY RATE AND BIRTH RATES BY AGE OF MOTHER, CALIFORNIA COUNTIES, 2001 (By Place of Residence)
(General fertility rate is live births per 1,000 women, age 15-44 years. Birth rates are live births per 1,000 female population in specified age groups.)

COUNTY	GENERAL 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	71.1	0.6	45.1	110.9	127.2	102.3	49.6	11.3	0.9
ALAMEDA	69.3	0.5	33.5	92.2	129.9	114.0	56.7	12.0	1.0
ALPINE	b	-	-	a,b	a,b	a,b	a,b	a,b	-
AMADOR	47.0	a,b	29.3	76.8	b	b	b	7.4	-
BUTTE	54.6	a	35.5	93.4	102.0	71.6	30.6	5.7	0.7
CALAVERAS	41.4	-	25.3	60.7	70.4	b	33.1	6.1	-
COLUSA	80.4	-	b	b	b	b	b	b	-
CONTRA COSTA	69.1	0.5	28.4	81.8	119.6	133.2	66.5	13.7	0.7
DEL NORTE	45.1	a,b	50.7	73.9	b	b	22.0	8.1	a
EL DORADO	49.5	-	24.5	67.6	76.2	102.4	47.4	6.1	0.8
FRESNO	80.7	1.1	68.7	138.8	140.9	90.6	44.0	9.5	0.8
GLENN	66.7	-	41.0	103.6	122.0	b	b	8.7	a,b
HUMBOLDT	54.0	-	30.6	103.0	105.1	59.5	33.9	7.5	a
IMPERIAL	76.1	1.0	63.1	105.1	116.4	103.1	49.2	8.4	a
INYO	55.0	-	b	b	b	b	b	a,b	-
KERN	81.4	1.1	66.8	153.3	138.6	93.2	39.7	8.9	0.8
KINGS	82.6	a	69.9	166.6	123.5	83.0	33.0	6.9	a
LAKE	56.4	a	48.5	93.0	90.8	79.2	37.7	6.4	a
LASSEN	39.6	-	30.8	74.2	62.4	b	b	a	-
LOS ANGELES	73.4	0.7	49.5	122.2	137.0	98.5	49.2	11.9	0.9
MADERA	72.8	1.7	81.0	113.3	91.0	71.6	40.5	10.8	1.2
MARIN	50.3	a	12.1	43.2	59.0	89.6	68.1	16.4	3.1
MARIPOSA	49.8	-	b	b	b	b	b	b	-
MENDOCINO	59.1	a	42.6	98.4	97.5	78.1	33.8	8.8	-
MERCED	84.0	0.9	62.4	151.1	141.8	105.4	39.8	10.5	a
MODOC	31.6	-	a,b	b	b	b	a,b	-	-
MONO	78.2	-	b	b	b	b	b	a,b	a,b
MONTEREY	90.5	1.0	63.7	158.3	185.8	121.7	49.4	11.2	0.8
NAPA	60.7	a	27.0	87.0	94.7	92.9	56.3	12.1	1.7
NEVADA	46.0	-	23.3	53.9	73.1	90.7	47.2	10.3	a
ORANGE	76.8	0.4	38.8	106.3	144.0	120.2	58.5	13.2	0.8
PLACER	60.2	a	20.4	64.4	110.7	136.7	58.2	9.6	0.5
PLUMAS	37.2	-	b	b	b	b	b	a,b	-
RIVERSIDE	75.8	0.6	53.5	130.1	139.7	104.2	43.9	8.5	0.4
SACRAMENTO	70.9	0.7	42.1	117.3	139.9	106.4	42.0	9.7	1.0
SAN BENITO	85.3	a	51.1	132.6	127.1	127.5	61.7	14.3	-
SAN BERNARDINO	76.1	0.5	55.8	136.7	140.4	102.4	39.6	8.4	0.6
SAN DIEGO	65.8	0.6	40.6	96.2	98.8	87.3	49.4	12.8	1.3
SAN FRANCISCO	49.9	0.6	23.4	65.8	84.6	89.3	42.3	10.9	1.0
SAN JOAQUIN	80.1	0.7	55.3	134.8	145.7	106.6	45.2	9.5	0.5
SAN LUIS OBISPO	41.2	a	19.6	49.0	71.6	60.6	34.2	10.3	0.9
SAN MATEO	66.8	0.4	24.6	75.1	107.2	129.4	67.1	14.2	0.9
SANTA BARBARA	63.8	0.5	42.8	95.3	123.7	83.2	45.9	9.7	0.5
SANTA CLARA	70.8	0.4	32.0	87.6	132.4	124.2	57.2	12.3	0.8
SANTA CRUZ	63.1	a	32.9	87.6	119.0	97.4	53.6	13.0	0.6
SHASTA	53.3	a	42.3	100.2	85.2	66.9	28.7	6.4	a
SIERRA	b	-	a,b	a,b	a,b	a,b	a,b	-	-
SISKIYOU	48.0	a	39.9	74.3	76.0	63.8	31.6	4.1	-
SOLANO	66.9	0.4	36.2	104.6	131.5	105.9	46.3	7.6	0.4
SONOMA	59.6	0.3	26.9	91.3	118.0	95.2	43.9	10.5	0.5
STANISLAUS	74.2	0.5	53.2	126.4	139.1	93.5	39.6	9.0	0.9
SUTTER	70.6	a	49.8	120.5	134.5	88.0	31.6	8.0	a
TEHAMA	56.8	a	46.9	110.7	85.5	73.1	25.8	2.4	a
TRINITY	45.0	a,b	b	b	b	b	b	a,b	-
TULARE	89.6	1.0	77.3	152.7	142.1	100.5	43.4	11.4	1.6
TUOLUMNE	40.8	-	24.1	73.2	61.3	61.8	24.0	7.2	-
VENTURA	73.0	0.5	40.2	99.0	123.5	118.8	62.4	12.5	0.8
YOLO	54.3	a	29.1	57.4	86.9	78.9	52.8	14.7	1.9
YUBA	76.0	a	68.9	157.5	124.7	82.0	34.7	5.3	a

[1] For women under 15, the rate is calculated using female population 10-14 years of age.
[2] For women 45 years and over, the rate is calculated using the female population 45-49 years of age.

- 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.

Source: State of California, Department of Health Services, Birth Records.
2001 Population: *Race/Ethnic Population with Age and Sex Detail*, *1970-2040,* December 1998.

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TABLE 2-31. BIRTH RATES BY YEAR OF AGE FOR TEENAGE MOTHERS, CALIFORNIA COUNTIES, 2001 (By Place of Residence)
(Birth rates are live births per 1,000 women in specified age groups.)

COUNTY	BIRTH RATE BY YEAR OF AGE OF MOTHER						
	UNDER 15 [1]	15-19 BY SINGLE YEAR					15-19
		15	16	17	18	19	
CALIFORNIA	0.6	10.0	23.2	40.6	63.1	90.5	45.1
ALAMEDA	0.5	8.1	16.3	29.4	46.9	69.9	33.5
ALPINE	-	-	-	-	-	-	-
AMADOR	a,b	-	b	b	b	b	29.3
BUTTE	a	7.8	12.9	27.2	49.6	80.7	35.5
CALAVERAS	-	-	a,b	b	b	b	25.3
COLUSA	-	-	a,b	b	b	b	b
CONTRA COSTA	0.5	6.7	14.3	25.6	39.6	57.9	28.4
DEL NORTE	a,b	b	a,b	b	b	b	50.7
EL DORADO	-	4.9	12.2	21.1	29.6	56.4	24.5
FRESNO	1.1	17.9	42.6	59.0	95.4	130.3	68.7
GLENN	-	a,b	b	a,b	b	b	41.0
HUMBOLDT	-	b	b	b	b	b	30.6
IMPERIAL	1.0	13.5	35.7	61.6	94.4	107.5	63.1
INYO	-	a,b	a,b	a,b	a,b	b	b
KERN	1.1	18.7	34.8	54.6	92.6	137.4	66.8
KINGS	a	b	b	b	b	b	69.9
LAKE	a	a,b	b	b	b	b	48.5
LASSEN	-	-	a,b	b	b	b	30.8
LOS ANGELES	0.7	11.5	27.2	46.3	69.2	99.1	49.5
MADERA	1.7	b	b	b	b	b	81.0
MARIN	a	a	a	11.7	21.7	26.3	12.1
MARIPOSA	-	-	a,b	a,b	a,b	b	b
MENDOCINO	a	a,b	b	b	b	b	42.6
MERCED	0.9	15.4	27.1	56.5	90.3	126.7	62.4
MODOC	-	-	a,b	-	-	a,b	a,b
MONO	-	a,b	a,b	a,b	a,b	b	b
MONTEREY	1.0	14.4	27.1	66.8	97.4	121.1	63.7
NAPA	a	b	b	b	b	b	27.0
NEVADA	-	b	b	b	b	b	23.3
ORANGE	0.4	8.3	19.4	33.4	55.1	81.6	38.8
PLACER	a	2.6	7.0	18.3	25.4	51.0	20.4
PLUMAS	-	a,b	-	a,b	b	b	b
RIVERSIDE	0.6	10.0	28.2	48.0	75.6	111.1	53.5
SACRAMENTO	0.7	9.4	18.5	35.4	61.9	88.8	42.1
SAN BENITO	a	b	b	b	b	b	51.1
SAN BERNARDINO	0.5	10.2	27.9	50.3	78.7	118.7	55.8
SAN DIEGO	0.6	8.8	20.8	35.3	56.5	77.8	40.6
SAN FRANCISCO	0.6	6.1	7.7	18.5	37.5	50.4	23.4
SAN JOAQUIN	0.7	11.9	25.7	48.4	81.1	112.5	55.3
SAN LUIS OBISPO	a	a	10.7	20.2	25.3	29.9	19.6
SAN MATEO	0.4	6.7	11.4	21.3	34.8	52.0	24.6
SANTA BARBARA	0.5	10.3	21.6	46.1	56.8	64.9	42.8
SANTA CLARA	0.4	7.3	14.8	26.4	45.6	69.1	32.0
SANTA CRUZ	a	7.8	19.5	28.3	48.0	51.6	32.9
SHASTA	a	9.6	24.4	35.7	51.7	92.8	42.3
SIERRA	-	-	-	a,b	-	-	a,b
SISKIYOU	a	-	b	b	b	b	39.9
SOLANO	0.4	6.6	13.8	33.9	49.7	81.0	36.2
SONOMA	0.3	5.8	13.5	19.6	39.8	58.1	26.9
STANISLAUS	0.5	12.6	27.5	53.7	67.4	107.7	53.2
SUTTER	a	a,b	b	b	b	b	49.8
TEHAMA	a	a,b	b	b	b	b	46.9
TRINITY	a,b	-	a,b	a,b	b	b	b
TULARE	1.0	18.3	41.0	69.0	106.7	153.5	77.3
TUOLUMNE	-	-	a,b	b	b	b	24.1
VENTURA	0.5	7.0	19.2	39.5	55.7	83.0	40.2
YOLO	a	10.5	28.9	34.3	30.1	33.9	29.1
YUBA	a	b	b	b	b	b	68.9

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

- 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.
2001 Population: State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Details*, 1970-2040, December 1998.

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TABLE 2-32. LIVE BIRTHS BY AGE OF FATHER (DETAILED UNDER AGE 20), CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	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	527,371	18,393	3.8	59	288	952	2,565	5,453	9,076	84,966	386,755	37,257
ALAMEDA	22,029	533	2.6	-	11	27	80	135	280	2,609	17,719	1,168
Berkeley [1]	1,046	9	0.9	-	-	1	3	2	3	61	920	56
ALPINE	12	-	-	-	-	-	-	-	-	3	9	-
AMADOR	264	19	7.7	-	-	-	4	8	7	42	185	18
BUTTE	2,314	105	5.0	-	1	3	15	39	47	422	1,572	215
CALAVERAS	323	9	3.0	-	-	1	-	2	6	63	226	25
COLUSA	358	19	5.6	-	-	-	2	6	11	69	252	18
CONTRA COSTA	13,126	276	2.2	1	2	8	38	69	158	1,537	10,616	697
DEL NORTE	275	13	5.4	-	-	2	1	3	7	61	165	36
EL DORADO	1,698	41	2.5	-	1	4	3	15	18	260	1,313	84
FRESNO	14,290	870	6.8	2	20	51	123	235	439	3,004	8,944	1,472
GLENN	406	15	4.0	-	-	2	2	3	8	76	285	30
HUMBOLDT	1,500	51	3.6	1	-	4	6	17	23	298	1,056	95
IMPERIAL	2,597	167	7.0	-	4	4	18	63	78	556	1,673	201
INYO	180	5	3.0	-	-	-	1	2	2	44	117	14
KERN	11,723	588	5.8	2	10	38	110	143	285	2,568	6,905	1,662
KINGS	2,134	123	6.2	-	2	7	17	40	57	582	1,288	141
LAKE	609	28	5.1	-	-	-	3	7	18	141	385	55
LASSEN	243	15	6.8	-	-	2	-	3	10	41	165	22
LOS ANGELES	153,523	5,457	3.9	21	94	306	764	1,611	2,661	23,909	111,881	12,276
Long Beach [1]	8,192	309	4.3	3	5	19	51	86	145	1,313	5,642	928
Pasadena [1]	2,324	70	3.1	1	3	3	11	23	29	282	1,873	99
MADERA	2,187	153	7.6	1	1	2	19	64	66	508	1,355	171
MARIN	2,865	16	0.6	-	-	-	1	6	9	164	2,569	116
MARIPOSA	153	4	a	-	-	-	-	1	3	23	110	16
MENDOCINO	1,061	44	4.5	-	1	4	7	12	20	228	702	87
MERCED	3,952	212	5.8	-	1	17	38	56	100	893	2,531	316
MODOC	63	2	a	-	-	-	1	-	1	10	50	1
MONO	169	2	a	-	-	-	-	-	2	31	130	6
MONTEREY	7,176	321	4.7	-	3	11	40	95	172	1,440	5,004	411
NAPA	1,565	28	1.9	-	-	1	-	10	17	239	1,246	52
NEVADA	828	25	3.2	1	-	1	4	6	13	119	643	41
ORANGE	45,492	1,034	2.4	2	13	55	145	293	526	5,724	36,295	2,439
PLACER	3,104	69	2.3	-	-	4	5	18	42	347	2,585	103
PLUMAS	147	4	a	-	-	-	1	-	3	29	92	22
RIVERSIDE	25,382	1,186	5.0	7	21	72	138	389	559	5,043	17,331	1,822
SACRAMENTO	18,922	685	3.9	3	6	31	91	193	361	3,145	13,723	1,369
SAN BENITO	978	30	3.2	-	-	-	9	7	14	180	716	52
SAN BERNARDINO	29,215	1,519	5.6	2	28	77	220	444	748	6,239	19,181	2,276
SAN DIEGO	43,758	1,302	3.2	6	20	67	176	408	625	7,440	32,187	2,829
SAN FRANCISCO	8,233	129	1.7	-	3	5	19	41	61	698	6,927	479
SAN JOAQUIN	9,811	457	5.1	2	9	28	68	136	214	1,922	6,583	849
SAN LUIS OBISPO	2,436	82	3.6	-	1	-	9	28	44	364	1,863	127
SAN MATEO	10,263	154	1.6	-	3	6	21	49	75	968	8,665	476
SANTA BARBARA	5,612	217	4.1	1	3	4	26	71	112	1,029	4,033	333
SANTA CLARA	27,076	556	2.2	-	5	28	83	161	279	2,766	22,367	1,387
SANTA CRUZ	3,470	94	2.9	-	1	6	9	35	43	514	2,663	199
SHASTA	1,942	79	4.5	-	-	1	12	33	33	434	1,231	198
SIERRA	11	-	-	-	-	-	-	-	-	1	7	3
SISKIYOU	427	14	3.8	-	-	-	5	3	6	96	259	58
SOLANO	5,763	200	3.7	1	1	11	31	55	101	982	4,237	344
SONOMA	5,706	118	2.2	-	3	4	10	36	65	844	4,488	256
STANISLAUS	7,586	317	4.5	1	6	19	48	103	140	1,549	5,168	552
SUTTER	1,213	42	3.7	-	-	-	5	9	28	295	809	67
TEHAMA	636	39	6.8	-	-	2	7	13	17	159	373	65
TRINITY	112	6	5.8	-	-	-	-	2	4	21	76	9
TULARE	7,319	448	6.7	4	3	21	57	135	228	1,767	4,439	665
TUOLUMNE	439	11	2.7	-	-	-	1	3	7	91	300	37
VENTURA	11,329	309	2.9	-	7	10	48	91	153	1,736	8,712	572
YOLO	2,317	81	3.8	1	3	3	14	24	36	367	1,712	157
YUBA	1,049	70	7.1	-	1	3	10	22	34	276	637	66

- Represents zero events.

a Percents not calculated for fewer than five events.

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

† Births with unknown (not stated) values were subtracted from totals before percentages were calculated.

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

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TABLE 2-33. LIVE BIRTHS BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, CALIFORNIA, 2001(By Place of Residence)

COUNTY	TOTAL	RACE/ETHNIC GROUP OF MOTHER							
		HISPANIC	NON-HISPANIC						
			2 OR MORE RACE GROUPS	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/ OTHER	UNKNOWN
CALIFORNIA	527,371	260,996	6,388	1,986	57,443	30,965	2,355	163,996	3,242
ALAMEDA	22,029	6,405	354	61	5,402	3,107	234	6,269	197
Berkeley [1]	1,046	141	23	-	143	154	4	574	7
ALPINE	12	4	-	3	-	-	-	5	-
AMADOR	264	34	7	9	4	2	-	207	1
BUTTE	2,314	452	59	29	125	35	3	1,606	5
CALAVERAS	323	39	12	5	4	2	1	257	3
COLUSA	358	235	4	8	5	1	-	105	-
CONTRA COSTA	13,126	3,839	188	23	1,637	1,229	87	5,775	348
DEL NORTE	275	50	10	29	12	-	-	174	-
EL DORADO	1,698	312	30	7	58	6	5	1,269	11
FRESNO	14,290	8,564	111	94	1,181	750	15	3,545	30
GLENN	406	175	8	2	15	1	-	205	-
HUMBOLDT	1,500	185	53	120	27	14	3	1,085	13
IMPERIAL	2,597	2,277	4	9	25	25	-	244	13
INYO	180	51	6	25	5	-	-	93	-
KERN	11,723	6,511	127	45	356	648	13	4,007	16
KINGS	2,134	1,176	15	27	62	113	4	736	1
LAKE	609	131	16	23	8	13	-	417	1
LASSEN	243	35	6	5	4	6	5	182	-
LOS ANGELES	153,523	96,288	1,322	219	14,696	12,175	527	27,817	479
Long Beach [1]	8,192	4,376	87	16	885	1,157	166	1,488	17
Pasadena [1]	2,324	1,074	27	4	242	240	2	705	30
MADERA	2,187	1,525	11	18	19	46	3	558	7
MARIN	2,865	613	35	3	195	47	9	1,949	14
MARIPOSA	153	14	4	6	1	1	-	125	2
MENDOCINO	1,061	350	14	63	6	4	2	598	24
MERCED	3,952	2,432	49	10	255	115	5	1,080	6
MODOC	63	10	2	2	1	-	-	47	1
MONO	169	79	1	7	3	1	-	77	1
MONTEREY	7,176	5,072	67	13	315	119	44	1,501	45
NAPA	1,565	723	15	3	53	14	3	744	10
NEVADA	828	109	8	2	10	2	-	696	1
ORANGE	45,492	22,509	369	52	6,136	503	163	15,536	224
PLACER	3,104	508	66	9	149	19	6	2,332	15
PLUMAS	147	11	-	5	-	1	-	129	1
RIVERSIDE	25,382	14,155	290	133	848	1,365	69	8,459	63
SACRAMENTO	18,922	4,627	522	99	2,603	2,018	153	8,828	72
SAN BENITO	978	633	3	4	26	5	-	307	-
SAN BERNARDINO	29,215	15,718	348	105	1,322	2,591	101	8,994	36
SAN DIEGO	43,758	19,354	721	221	4,150	2,342	257	16,428	285
SAN FRANCISCO	8,233	1,852	138	17	2,474	660	98	2,958	36
SAN JOAQUIN	9,811	4,444	187	39	1,299	723	48	3,035	36
SAN LUIS OBISPO	2,436	767	36	14	65	15	4	1,529	6
SAN MATEO	10,263	3,402	143	18	2,310	231	223	3,866	70
SANTA BARBARA	5,612	3,454	60	19	192	55	14	1,790	28
SANTA CLARA	27,076	9,499	291	56	8,595	560	100	7,556	419
SANTA CRUZ	3,470	1,787	28	10	91	16	3	1,466	69
SHASTA	1,942	211	32	69	59	26	1	1,539	5
SIERRA	11	1	-	-	-	-	-	10	-
SISKIYOU	427	72	11	19	5	4	1	313	2
SOLANO	5,763	1,684	151	24	757	797	59	2,275	16
SONOMA	5,706	2,091	80	41	276	68	10	3,094	46
STANISLAUS	7,586	3,705	142	14	361	163	37	3,129	35
SUTTER	1,213	432	15	7	170	16	2	571	-
TEHAMA	636	183	2	16	3	2	-	429	1
TRINITY	112	10	11	1	-	-	-	90	-
TULARE	7,319	5,096	18	51	201	81	3	1,851	18
TUOLUMNE	439	64	10	11	3	-	1	350	-
VENTURA	11,329	5,792	123	26	583	141	28	4,113	523
YOLO	2,317	968	35	15	184	52	8	1,048	7
YUBA	1,049	277	18	21	97	35	3	598	-

- Represents zero events.

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

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

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TABLE 2-34. LIVE BIRTHS TO UNMARRIED WOMEN BY RACE/ETHNIC GROUP* OF MOTHER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	TOTAL	RACE/ETHNIC GROUP OF MOTHER							
		HISPANIC	NON-HISPANIC						
			2 OR MORE RACES	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/ OTHER	UNKNOWN
CALIFORNIA	172,624	108,439	2,710	1,075	7,025	19,436	734	32,363	842
ALAMEDA	5,845	2,161	153	32	528	1,941	58	938	34
Berkeley [1]	207	34	6	-	6	99	-	59	3
ALPINE	5	2	-	1	-	-	-	2	-
AMADOR	101	12	4	5	1	-	-	79	-
BUTTE	810	162	31	17	31	27	3	538	1
CALAVERAS	105	14	5	1	1	1	-	81	2
COLUSA	98	58	2	6	-	-	-	32	-
CONTRA COSTA	3,207	1,217	81	10	201	749	27	856	66
DEL NORTE	136	24	7	22	4	-	-	79	-
EL DORADO	430	99	9	3	8	4	2	305	-
FRESNO	5,945	4,105	54	49	256	556	9	908	8
GLENN	125	62	6	1	4	1	-	51	-
HUMBOLDT	577	68	32	78	6	7	2	380	4
IMPERIAL	1,048	944	3	9	2	18	-	69	3
INYO	66	18	4	16	1	-	-	27	-
KERN	4,945	3,029	64	24	70	473	5	1,276	4
KINGS	801	515	6	11	12	60	1	196	-
LAKE	279	55	14	17	1	9	-	182	1
LASSEN	85	13	3	4	1	4	4	56	-
LOS ANGELES	58,515	42,936	559	107	1,793	8,127	200	4,634	159
Long Beach [1]	3,596	2,016	44	8	291	801	74	359	3
Pasadena [1]	627	386	9	1	15	154	1	52	9
MADERA	981	763	4	7	1	36	2	166	2
MARIN	471	222	12	2	19	18	2	191	5
MARIPOSA	61	8	3	4	-	1	-	44	1
MENDOCINO	455	125	9	49	2	2	2	247	19
MERCED	1,514	1,006	19	6	60	79	3	338	3
MODOC	15	5	2	-	1	-	-	7	-
MONO	52	28	-	4	-	1	-	18	1
MONTEREY	2,586	2,151	28	6	59	57	14	264	7
NAPA	337	175	4	1	6	9	2	138	2
NEVADA	232	43	4	-	1	1	-	183	-
ORANGE	11,714	8,684	104	23	505	211	59	2,098	30
PLACER	535	144	23	4	4	9	3	347	1
PLUMAS	43	3	-	2	-	1	-	37	-
RIVERSIDE	9,180	5,821	122	80	128	794	21	2,194	20
SACRAMENTO	6,077	1,800	265	57	551	1,281	29	2,076	18
SAN BENITO	287	231	-	1	2	1	-	52	-
SAN BERNARDINO	11,509	6,713	176	63	167	1,660	20	2,696	14
SAN DIEGO	12,310	7,497	275	89	647	1,102	100	2,509	91
SAN FRANCISCO	2,066	786	63	13	332	494	50	324	4
SAN JOAQUIN	3,723	1,843	82	20	375	480	13	898	12
SAN LUIS OBISPO	624	259	11	2	8	9	1	334	-
SAN MATEO	1,869	1,131	50	5	235	123	35	277	13
SANTA BARBARA	1,629	1,241	23	8	29	30	4	289	5
SANTA CLARA	5,735	3,960	98	28	492	234	21	817	85
SANTA CRUZ	1,029	685	15	4	13	7	1	286	18
SHASTA	754	77	21	42	25	17	1	570	1
SIERRA	3	-	-	-	-	-	-	3	-
SISKIYOU	153	29	9	17	2	3	-	93	-
SOLANO	1,835	577	69	4	159	488	24	512	2
SONOMA	1,531	729	32	28	49	26	-	652	15
STANISLAUS	2,596	1,400	72	6	79	118	8	900	13
SUTTER	359	152	5	2	8	10	-	182	-
TEHAMA	257	84	1	13	-	1	-	158	-
TRINITY	44	2	4	1	-	-	-	37	-
TULARE	3,117	2,342	11	32	67	57	1	606	1
TUOLUMNE	145	22	4	7	1	-	-	111	-
VENTURA	2,678	1,792	39	9	38	51	6	571	172
YOLO	633	311	11	10	19	35	-	242	5
YUBA	362	104	3	13	21	13	1	207	-

- Represents zero events.

[1] City Health Department.

* Beginning in 2000, up to three races were reported on birth certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groupings are only comparable with the year 2000 data tables. See Chapter 6.

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

California Department of Health Services 71 Vital Statistics of California, 2001

TABLE 2-35. LIVE BIRTHS BY RACE* OF MOTHER, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	Total	RACE OF MOTHER																				
		2 Or More Race Groups	American Indian	Black	Cambodian	Chinese	Eskimo/ Aleut	Filipino	Guamanian	Hawaiian	Hmong	Indian (India)	Japanese	Korean	Laotian	Samoan	Thai	Vietnamese	White/ Other	Other Asian	Other Pacific Islander	Not Stated
CALIFORNIA	527,371	9,925	2,459	31,623	1,552	11,845	14	14,748	231	248	1,672	7,566	2,722	4,393	1,049	806	644	8,238	419,716	3,477	1,140	3,303
ALAMEDA	22,029	511	73	3,123	92	1,538	1	1,234	15	23	7	1,364	140	214	36	39	33	500	12,459	265	161	201
Berkeley [1]	1,046	25	1	155	-	36	-	26	-	2	-	17	17	16	1	-	1	5	708	27	2	7
ALPINE	12	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-
AMADOR	264	7	9	2	-	-	-	1	-	-	-	2	-	-	-	-	-	-	241	1	-	1
BUTTE	2,314	76	35	36	1	8	-	7	-	1	73	10	4	-	5	-	-	4	2,034	13	2	5
CALAVERAS	323	13	7	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	293	2	1	3
COLUSA	358	4	8	1	-	-	-	1	-	-	-	3	-	-	-	-	-	-	340	1	-	-
CONTRA COSTA	13,126	234	31	1,250	10	278	-	628	13	12	-	279	81	79	68	14	25	87	9,488	128	52	369
DEL NORTE	275	11	31	-	-	2	-	1	-	-	4	1	-	2	2	-	-	-	220	1	-	-
EL DORADO	1,698	33	8	6	1	7	-	21	1	1	-	10	6	4	1	1	2	3	1,576	3	2	12
FRESNO	14,290	150	122	762	85	52	-	84	2	2	541	169	24	9	139	7	11	36	12,027	34	4	30
GLENN	406	13	2	1	-	-	-	-	-	-	5	2	-	-	6	-	-	-	375	2	-	-
HUMBOLDT	1,500	56	126	14	-	4	-	7	-	-	6	1	2	1	4	-	1	1	1,260	1	3	13
IMPERIAL	2,597	7	14	31	-	7	-	9	1	-	-	4	1	8	-	-	-	-	2,500	2	-	13
INYO	180	7	26	1	1	1	-	1	-	-	-	1	-	1	-	-	-	-	141	-	-	-
KERN	11,723	180	50	657	14	19	-	196	-	1	-	73	7	14	8	6	7	10	10,435	24	6	16
KINGS	2,134	21	47	114	1	2	-	36	1	1	8	5	3	2	-	1	1	-	1,884	4	2	1
LAKE	609	24	26	13	-	2	-	3	-	-	-	1	1	-	-	-	-	-	537	1	-	1
LASSEN	243	6	5	6	-	1	-	1	-	-	-	-	-	-	-	-	-	1	217	1	5	-
LOS ANGELES	153,523	2,912	304	12,495	571	3,688	2	3,882	31	53	11	897	867	2,214	59	296	257	1,371	121,975	983	165	490
Long Beach [1]	8,192	114	20	1,169	324	38	-	295	11	7	5	16	31	33	15	123	35	63	5,812	37	27	17
Pasadena [1]	2,324	44	5	248	-	69	1	53	-	1	-	17	28	42	-	-	5	11	1,747	22	1	30
MADERA	2,187	14	20	46	-	2	-	3	-	-	2	6	1	1	-	1	1	1	2,078	2	2	7
MARIN	2,865	40	3	48	3	44	-	21	-	1	-	26	25	18	4	-	7	31	2,553	18	9	14
MARIPOSA	153	5	6	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	138	-	-	2
MENDOCINO	1,061	18	69	6	1	-	-	4	-	-	-	-	-	1	-	1	-	-	936	-	1	24
MERCED	3,952	55	15	118	3	3	-	21	1	4	147	37	1	1	12	-	4	4	3,493	25	1	7
MODOC	63	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	57	-	-	1
MONO	169	1	7	1	-	-	-	-	-	-	-	2	-	-	-	-	-	1	156	-	-	1
MONTEREY	7,176	89	27	122	4	20	-	179	6	6	-	30	26	26	-	9	2	20	6,526	15	24	45
NAPA	1,565	18	6	14	-	4	1	31	1	1	1	3	2	4	-	1	1	2	1,457	6	-	12
NEVADA	828	13	3	2	1	2	-	2	-	-	-	2	-	-	-	-	-	2	799	1	-	1
ORANGE	45,492	519	73	518	95	763	1	859	9	24	14	445	333	686	63	57	44	2,450	37,824	412	74	229
PLACER	3,104	87	13	19	2	23	1	39	-	1	1	44	14	9	1	1	1	12	2,809	8	4	15
PLUMAS	147	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	-	-	1
RIVERSIDE	25,382	419	169	1,394	30	73	-	338	10	8	16	70	35	69	50	29	16	96	22,398	73	24	65
SACRAMENTO	18,922	738	123	2,050	25	393	-	466	14	11	490	400	109	74	142	24	41	296	13,145	196	108	77
SAN BENITO	978	7	3	5	-	2	1	16	-	-	-	3	1	2	-	-	-	2	935	1	-	-
SAN BERNARDINO	29,215	588	127	2,628	41	186	-	420	9	10	6	135	53	97	19	45	27	185	24,393	168	40	38
SAN DIEGO	43,758	931	257	2,407	101	475	4	1,920	56	43	26	232	288	185	166	73	41	571	35,388	206	102	286
SAN FRANCISCO	8,233	203	20	666	20	1,400	-	528	4	3	2	72	114	92	4	76	28	131	4,722	94	18	36
SAN JOAQUIN	9,811	286	51	732	216	59	-	420	11	5	170	129	21	13	70	9	11	105	7,341	100	24	38
SAN LUIS OBISPO	2,436	49	16	17	-	12	-	31	-	-	-	7	2	8	-	1	-	2	2,275	7	3	6
SAN MATEO	10,263	194	19	234	4	652	-	944	3	7	-	335	102	98	7	47	10	58	7,203	107	169	70
SANTA BARBARA	5,612	86	37	63	1	26	-	86	3	3	11	19	18	20	2	1	5	11	5,179	6	7	28
SANTA CLARA	27,076	364	65	573	110	1,853	1	1,218	14	7	14	2,246	329	329	42	38	22	2,105	16,936	348	43	419
SANTA CRUZ	3,470	42	10	16	1	15	1	30	-	1	-	10	8	9	-	-	3	5	3,238	10	2	69
SHASTA	1,942	45	72	26	-	3	-	9	-	1	-	9	-	4	10	-	9	-	1,733	15	-	6
SIERRA	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SISKIYOU	427	12	21	4	-	-	-	2	-	-	-	1	-	-	1	-	1	-	382	-	1	2
SOLANO	5,763	212	28	808	4	27	1	582	22	5	2	63	19	16	12	8	10	15	3,859	27	27	16
SONOMA	5,706	118	48	69	31	34	-	57	-	1	4	47	16	16	14	4	3	31	5,139	23	5	46
STANISLAUS	7,586	215	31	177	63	37	-	67	2	3	8	105	7	14	39	5	6	19	6,720	6	27	35
SUTTER	1,213	18	7	17	1	2	-	6	-	1	10	135	1	-	-	-	-	3	999	12	1	-
TEHAMA	636	3	19	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	607	2	-	1
TRINITY	112	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	-	-	-
TULARE	7,319	22	61	83	5	8	-	72	-	1	18	13	4	3	48	-	5	7	6,925	22	2	20
TUOLUMNE	439	13	14	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	407	2	-	-
VENTURA	11,329	145	42	151	9	71	-	233	1	6	-	87	37	36	4	10	4	54	9,850	54	11	524
YOLO	2,317	52	20	55	4	43	-	20	-	-	5	27	14	12	6	2	5	6	1,989	44	6	7
YUBA	1,049	25	21	35	1	2	-	10	1	-	70	4	4	1	5	-	-	-	867	1	2	-

- Represents zero events.

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

* Beginning in 2000, up to three races were reported on birth certificates. The list of races on this table is compiled by identifying mothers reporting 2 or more race groups before tabulating single races. Hispanic may be included in any race. The list of races on this table is only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 2-36. LIVE BIRTHS BY MOTHER'S EDUCATION, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(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	527,371	2,143	6,903	39,418	48,144	57,508	148,371	101,278	114,979	8,627
ALAMEDA	22,029	62	310	993	1,268	1,519	5,397	4,399	7,476	605
Berkeley [1]	1,046	3	7	6	32	25	143	127	667	36
ALPINE	12	-	-	-	3	1	4	3	1	-
AMADOR	264	-	-	6	7	37	99	80	34	1
BUTTE	2,314	24	18	75	105	251	762	574	496	9
CALAVERAS	323	-	1	4	9	32	150	84	42	1
COLUSA	358	-	6	69	41	45	112	49	36	-
CONTRA COSTA	13,126	13	77	605	743	840	3,268	2,755	4,332	493
DEL NORTE	275	1	-	9	21	61	113	47	22	1
EL DORADO	1,698	-	6	53	72	136	505	441	478	7
FRESNO	14,290	185	414	1,362	1,393	2,353	4,000	2,742	1,770	71
GLENN	406	3	7	27	37	58	119	102	53	-
HUMBOLDT	1,500	4	5	29	54	169	542	339	317	41
IMPERIAL	2,597	1	13	52	270	446	804	615	312	84
INYO	180	-	-	10	15	19	69	46	21	-
KERN	11,723	40	153	758	758	1,952	4,333	2,000	1,106	623
KINGS	2,134	10	25	167	172	290	849	435	183	3
LAKE	609	-	1	24	35	99	248	137	54	11
LASSEN	243	-	2	4	2	24	116	56	18	21
LOS ANGELES	153,523	448	2,360	14,472	18,226	18,430	42,569	26,261	28,570	2,187
Long Beach [1]	8,192	41	127	742	906	1,080	2,273	1,587	1,351	85
Pasadena [1]	2,324	7	25	136	194	194	439	366	843	120
MADERA	2,187	55	132	327	202	291	719	298	152	11
MARIN	2,865	53	36	152	107	78	342	410	1,676	11
MARIPOSA	153	-	1	1	4	18	66	30	30	3
MENDOCINO	1,061	2	12	78	56	127	435	170	135	46
MERCED	3,952	63	115	437	361	529	1,435	693	308	11
MODOC	63	-	-	3	1	8	23	23	5	-
MONO	169	-	1	30	14	14	40	39	30	1
MONTEREY	7,176	118	237	1,178	1,019	816	1,754	1,087	928	39
NAPA	1,565	3	17	172	136	132	399	296	385	25
NEVADA	828	1	2	18	37	64	266	220	217	3
ORANGE	45,492	122	648	4,141	4,998	3,843	11,064	8,023	12,191	462
PLACER	3,104	5	6	71	71	150	831	796	1,152	22
PLUMAS	147	-	-	1	5	17	65	44	15	-
RIVERSIDE	25,382	62	268	1,655	2,306	3,423	8,782	5,314	3,221	351
SACRAMENTO	18,922	96	96	598	853	2,103	5,999	4,733	4,083	361
SAN BENITO	978	3	17	93	98	105	290	226	142	4
SAN BERNARDINO	29,215	48	194	1,516	2,587	4,453	10,329	5,832	3,645	611
SAN DIEGO	43,758	130	346	2,152	3,645	4,133	12,424	9,388	11,007	533
SAN FRANCISCO	8,233	32	80	329	479	565	1,554	1,370	3,778	46
SAN JOAQUIN	9,811	94	118	705	762	1,302	3,334	2,243	1,117	136
SAN LUIS OBISPO	2,436	7	20	134	146	188	739	586	593	23
SAN MATEO	10,263	108	95	562	640	613	1,928	1,783	4,501	33
SANTA BARBARA	5,612	55	181	773	582	531	1,424	903	1,104	59
SANTA CLARA	27,076	71	168	1,577	1,988	1,884	5,466	5,047	10,471	404
SANTA CRUZ	3,470	15	78	447	334	253	795	590	874	84
SHASTA	1,942	4	4	13	52	299	690	588	285	7
SIERRA	11	-	-	-	1	3	1	5	1	-
SISKIYOU	427	1	3	9	16	61	155	118	61	3
SOLANO	5,763	7	33	275	269	508	1,805	1,679	1,149	38
SONOMA	5,706	13	71	487	468	434	1,412	1,227	1,411	183
STANISLAUS	7,586	28	100	518	581	1,095	2,761	1,536	888	79
SUTTER	1,213	5	12	92	93	132	442	287	147	3
TEHAMA	636	2	11	28	54	89	251	147	52	2
TRINITY	112	-	-	1	4	20	49	23	14	1
TULARE	7,319	66	209	957	791	1,095	2,236	1,392	531	42
TUOLUMNE	439	-	1	4	6	47	203	110	68	-
VENTURA	11,329	56	159	1,011	894	869	2,755	2,230	2,554	801
YOLO	2,317	13	24	113	175	239	650	415	659	29
YUBA	1,049	14	10	41	78	215	399	212	78	2

- Represents zero events.

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

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

California Department of Health Services 73 Vital Statistics of California, 2001

TABLE 2-37. LIVE BIRTHS BY FATHER'S EDUCATION, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(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	527,371	2,813	7,046	39,747	42,197	42,044	145,674	84,292	116,994	46,564
ALAMEDA	22,029	57	297	885	1,091	1,112	5,585	3,546	7,578	1,878
Berkeley [1]	1,046	4	1	9	23	24	165	117	623	80
ALPINE	12	-	-	-	3	2	2	3	2	-
AMADOR	264	1	-	4	3	25	105	71	37	18
BUTTE	2,314	21	10	83	98	199	726	508	450	219
CALAVERAS	323	1	-	3	8	20	158	64	44	25
COLUSA	358	2	15	65	43	26	116	39	32	20
CONTRA COSTA	13,126	24	77	547	703	573	3,342	2,292	4,391	1,177
DEL NORTE	275	-	1	11	19	39	114	30	22	39
EL DORADO	1,698	2	7	45	65	91	530	389	472	97
FRESNO	14,290	157	382	1,535	1,132	1,783	3,706	2,144	1,817	1,634
GLENN	406	2	11	42	40	41	128	67	43	32
HUMBOLDT	1,500	5	7	34	44	135	556	284	296	139
IMPERIAL	2,597	3	13	70	235	331	772	534	304	335
INYO	180	-	-	9	12	17	62	40	23	17
KERN	11,723	66	154	694	608	1,487	4,146	1,598	1,035	1,935
KINGS	2,134	14	37	195	147	197	879	344	176	145
LAKE	609	5	4	22	30	69	264	105	49	61
LASSEN	243	-	1	5	4	18	102	61	17	35
LOS ANGELES	153,523	423	2,196	14,430	16,177	13,254	41,339	21,620	28,872	15,212
Long Beach [1]	8,192	28	106	645	757	687	2,262	1,244	1,334	1,129
Pasadena [1]	2,324	7	39	140	149	147	466	301	842	233
MADERA	2,187	37	117	348	184	232	705	247	125	192
MARIN	2,865	123	20	157	105	66	358	341	1,647	48
MARIPOSA	153	-	1	-	3	10	65	29	24	21
MENDOCINO	1,061	4	26	71	59	82	404	162	110	143
MERCED	3,952	50	107	511	296	396	1,375	573	283	361
MODOC	63	-	1	2	1	8	28	15	7	1
MONO	169	-	1	32	16	11	49	29	26	5
MONTEREY	7,176	101	231	1,233	941	601	1,610	841	984	634
NAPA	1,565	4	18	206	144	111	389	261	364	68
NEVADA	828	1	1	28	26	59	256	203	210	44
ORANGE	45,492	134	637	3,955	4,692	2,906	10,345	6,939	13,069	2,815
PLACER	3,104	1	4	91	61	124	797	710	1,196	120
PLUMAS	147	-	-	3	4	6	67	29	18	20
RIVERSIDE	25,382	73	331	1,795	1,968	2,617	8,525	4,550	3,118	2,405
SACRAMENTO	18,922	68	103	561	722	1,619	5,784	3,971	4,331	1,763
SAN BENITO	978	4	13	95	71	104	292	193	145	61
SAN BERNARDINO	29,215	43	244	1,584	2,114	3,328	10,245	5,013	3,502	3,142
SAN DIEGO	43,758	92	376	2,072	2,980	2,852	13,163	8,050	11,051	3,122
SAN FRANCISCO	8,233	109	63	330	407	391	1,606	1,158	3,650	519
SAN JOAQUIN	9,811	274	150	710	644	965	3,298	1,766	1,129	875
SAN LUIS OBISPO	2,436	7	18	122	141	149	751	498	597	153
SAN MATEO	10,263	447	95	577	530	463	2,009	1,568	4,404	170
SANTA BARBARA	5,612	27	191	780	579	402	1,383	744	1,075	431
SANTA CLARA	27,076	119	168	1,611	1,686	1,196	5,049	3,818	11,677	1,752
SANTA CRUZ	3,470	21	72	432	365	195	735	508	859	283
SHASTA	1,942	6	3	13	29	203	720	459	304	205
SIERRA	11	1	-	1	1	-	-	4	2	2
SISKIYOU	427	2	1	9	10	53	170	84	44	54
SOLANO	5,763	17	49	269	239	337	1,858	1,523	1,095	376
SONOMA	5,706	27	99	487	416	352	1,446	1,068	1,330	481
STANISLAUS	7,586	38	136	594	462	787	2,707	1,258	864	740
SUTTER	1,213	4	18	86	95	127	421	222	174	66
TEHAMA	636	3	13	36	36	65	239	112	57	75
TRINITY	112	1	1	3	1	12	59	19	8	8
TULARE	7,319	79	309	1,055	655	791	2,110	1,082	459	779
TUOLUMNE	439	-	-	3	5	35	220	82	56	38
VENTURA	11,329	56	179	1,005	832	616	2,750	1,904	2,614	1,373
YOLO	2,317	52	19	144	163	190	629	338	646	136
YUBA	1,049	5	19	57	52	164	425	182	80	65

- Represents zero events.

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

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

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TABLE 2-38. LIVE BIRTHS BY MONTH OF BIRTH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CALIFORNIA	527,371	44,373	39,337	43,633	41,665	44,129	42,860	45,324	48,029	45,539	45,820	43,294	43,368
ALAMEDA	22,029	1,860	1,674	1,831	1,758	1,906	1,852	1,868	1,952	1,863	1,822	1,847	1,796
Berkeley [1]	1,046	103	83	91	75	92	101	87	85	78	79	89	83
ALPINE	12	2	1	1	1	-	-	1	1	1	1	1	2
AMADOR	264	25	12	31	12	22	18	19	26	25	23	24	27
BUTTE	2,314	195	182	216	179	196	184	184	202	220	197	180	179
CALAVERAS	323	27	30	21	26	25	21	34	28	33	28	21	29
COLUSA	358	29	27	34	32	27	27	27	31	36	26	30	32
CONTRA COSTA	13,126	1,077	989	1,121	994	1,148	1,045	1,133	1,188	1,165	1,114	1,078	1,074
DEL NORTE	275	15	23	19	17	20	16	32	25	33	22	27	26
EL DORADO	1,698	149	126	128	129	148	145	143	159	150	154	133	134
FRESNO	14,290	1,267	1,063	1,143	1,098	1,142	1,187	1,272	1,328	1,281	1,172	1,131	1,206
GLENN	406	30	26	28	39	30	39	44	44	35	27	30	34
HUMBOLDT	1,500	109	117	130	135	116	117	141	129	134	115	121	136
IMPERIAL	2,597	245	183	190	182	185	181	226	258	222	253	250	222
INYO	180	14	10	22	15	16	8	18	14	13	20	15	15
KERN	11,723	970	834	958	900	952	990	1,033	1,104	1,031	982	983	986
KINGS	2,134	157	169	159	185	191	179	169	191	169	214	174	177
LAKE	609	56	49	45	39	51	54	46	48	59	51	56	55
LASSEN	243	22	21	18	17	13	28	28	18	21	20	19	18
LOS ANGELES	153,523	13,091	11,272	12,668	12,113	12,741	12,337	13,098	14,027	13,203	13,529	12,718	12,726
Long Beach [1]	8,192	675	618	658	637	692	674	687	761	707	677	723	683
Pasadena [1]	2,324	186	175	186	185	187	208	194	207	211	203	206	176
MADERA	2,187	184	154	195	186	169	183	192	192	192	190	199	151
MARIN	2,865	239	209	234	214	281	239	253	254	254	236	221	231
MARIPOSA	153	9	7	13	8	18	18	15	13	9	14	14	15
MENDOCINO	1,061	77	86	80	100	89	100	81	104	86	103	76	79
MERCED	3,952	315	296	321	300	342	303	366	363	322	348	366	310
MODOC	63	3	7	4	3	6	7	1	6	7	8	6	5
MONO	169	12	15	7	9	17	5	12	14	20	15	21	22
MONTEREY	7,176	574	503	595	601	548	580	627	659	593	677	613	606
NAPA	1,565	134	120	125	118	129	121	144	137	149	159	114	115
NEVADA	828	62	69	74	61	74	75	71	70	63	69	71	69
ORANGE	45,492	3,740	3,534	3,773	3,657	3,788	3,802	3,781	4,167	4,003	4,011	3,612	3,624
PLACER	3,104	270	230	254	248	276	250	272	275	280	261	255	233
PLUMAS	147	12	12	16	12	13	16	12	15	8	13	8	10
RIVERSIDE	25,382	2,164	1,907	2,021	1,972	2,048	2,028	2,208	2,346	2,193	2,238	2,111	2,146
SACRAMENTO	18,922	1,551	1,376	1,636	1,461	1,676	1,558	1,648	1,721	1,604	1,637	1,507	1,547
SAN BENITO	978	90	61	87	73	92	72	112	76	87	90	69	69
SAN BERNARDINO	29,215	2,419	2,183	2,438	2,288	2,387	2,329	2,528	2,743	2,487	2,519	2,429	2,465
SAN DIEGO	43,758	3,766	3,247	3,605	3,448	3,717	3,448	3,839	3,948	3,860	3,741	3,631	3,508
SAN FRANCISCO	8,233	705	638	700	671	726	664	651	752	658	717	663	688
SAN JOAQUIN	9,811	788	750	793	750	802	863	875	886	873	836	775	820
SAN LUIS OBISPO	2,436	184	186	197	211	212	208	207	205	214	234	181	197
SAN MATEO	10,263	850	772	837	868	857	841	878	948	862	870	829	851
SANTA BARBARA	5,612	471	452	469	456	485	438	457	524	451	495	446	468
SANTA CLARA	27,076	2,348	2,102	2,282	2,205	2,253	2,231	2,204	2,390	2,352	2,291	2,222	2,196
SANTA CRUZ	3,470	291	256	319	282	302	287	294	328	285	317	249	260
SHASTA	1,942	171	155	162	131	161	165	177	186	150	159	175	150
SIERRA	11	-	-	1	-	1	2	-	2	1	1	2	1
SISKIYOU	427	38	32	30	33	44	47	46	33	36	30	26	32
SOLANO	5,763	459	435	468	466	465	501	518	508	486	503	477	477
SONOMA	5,706	477	409	485	460	509	472	492	523	483	492	452	452
STANISLAUS	7,586	606	542	640	613	641	603	672	666	643	660	640	660
SUTTER	1,213	94	88	97	90	94	89	114	116	103	115	100	113
TEHAMA	636	53	34	61	43	50	55	53	50	65	61	52	59
TRINITY	112	7	12	6	5	11	13	11	12	11	7	13	4
TULARE	7,319	653	538	568	520	610	582	699	661	638	630	581	639
TUOLUMNE	439	31	37	26	42	52	34	26	42	44	40	34	31
VENTURA	11,329	918	798	971	920	980	928	962	1,019	1,011	961	937	924
YOLO	2,317	177	182	182	189	192	184	222	215	187	219	189	179
YUBA	1,049	91	95	98	80	83	91	88	87	75	83	90	88

- Represents zero events.

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

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

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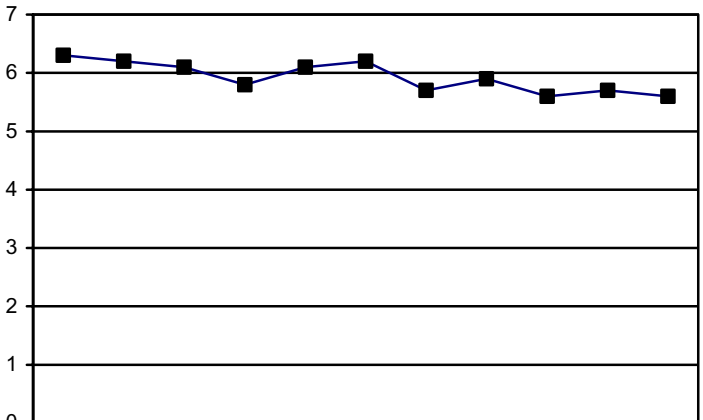
SUMMARY OF FETAL MORTALITY

A fetal death is a death prior tot 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 evidence of life. A death that occurs at 20 weeks or more gestation constitutes a fetal death. In 2001 there were 2,952 fetal deaths of 20 weeks or more gestation to California residents. This was a 3.1 percent decrease from the 3,046 fetal deaths reported in 2000 and a 23.0 percent decrease from the 3,834 fetal deaths in 1991 (Table 1-1).

Fetal Mortality Ratios

In 2001 the fetal mortality ratio in California decreased to 5.6 fetal deaths per 1,000 live resident births, down 1.8 percent from the 5.7 ratio in 2000. The 2001 ratio was down 9.7 percent over the five-year period from the 6.2 ratio in 1996 and down 11.1 percent over the 10-year period from the 6.3 ratio in 1991.

Among the 37 counties with at least 5 fetal deaths and at least 1,000 live births in 2001, the fetal mortality ratio ranged from a low of 2.4 in Marin County to a high of 8.2 in El Dorado and Sutter Counties (Table 1-2).



	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Ratios	6.3	6.2	6.1	5.8	6.1	6.2	5.7	5.9	5.6	5.7	5.6

Fetal mortality ratios tended to be higher for the youngest and oldest mothers and lowest for mothers in their 20s and early 30s (Table 3-1).

Race/Ethnicity

There were 1,396 fetal deaths for Hispanic women in 2001, 48.1 percent of all fetal deaths. There were 836 fetal deaths for White/Other women, 28.8 percent of all fetal deaths. There were 378 fetal deaths for Black women and 278 for Asian/Pacific Islander women, 13.0 and 9.6 percent, respectively, of all fetal deaths in 2001 (Table 3-2).

Race (Hispanic Origin is included in all races)

There were 2,207 fetal deaths for White women in 2001, 74.8 percent of all fetal deaths. There were 388 fetal deaths for Black women, 13.1 percent of fetal deaths. There were 85 fetal deaths for Filipino women, 2.9 percent of fetal deaths (Table 3-3).

Gestation

In 2001, 2,025 or 75.3 percent of fetal deaths (excluding fetal deaths of unknown gestation) were premature, less than 37 weeks of gestation (Table 3-4).

Cause of Death

The most common rankable cause of fetal death was “fetus affected by complications of placenta, cord, and membranes” (30.8% of fetal deaths), followed by “fetal death of unspecified cause” (25.4%) and “congenital malformations, deformations and chromosomal abnormalities (11.1%) (Table 3-7).

TABLE 3-1. NUMBER, RATIO, AND PERCENT DISTRIBUTION OF FETAL DEATHS BY AGE OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

AGE OF MOTHER	FETAL DEATHS	MORTALITY RATIO[1]	PERCENT
TOTAL	2,952	5.6	100.0
UNDER 15	9	11.1	0.3
15-19	285	5.4	9.7
15	9	3.7	0.3
16	34	6.2	1.2
17	49	5.2	1.7
18	87	5.8	2.9
19	106	5.1	3.6
20-24	648	5.3	22.0
25-29	669	4.9	22.7
30-34	656	5.1	22.2
35-39	450	6.5	15.2
40-44	161	10.0	5.5
45 AND OVER	17	15.8	0.6
NOT STATED	57		1.9

[1] Fetal mortality ratios are deaths per 1,000 live births in each age group.

Note: Ratios not calculated for "Not Stated."
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.

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TABLE 3-2. FETAL DEATHS BY AGE AND RACE/ETHNIC GROUP[1] OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

AGE OF MOTHER	TOTAL[2]	HISPANIC	NON-HISPANIC			
			ASIAN/ PACIFIC ISLANDER	BLACK	WHITE/ OTHER	UNKNOWN
TOTAL	2,952	1,396	278	378	836	50
UNDER 15	9	7	-	1	1	-
15-19	285	173	12	50	45	3
15	9	4	1	1	3	-
16	34	24	-	8	1	-
17	49	23	5	9	12	-
18	87	48	6	19	12	2
19	106	74	-	13	17	1
20-24	648	362	39	98	145	2
25-29	669	330	54	93	184	7
30-34	656	263	97	70	219	3
35-39	450	175	53	50	164	5
40-44	161	66	18	12	62	1
45 AND OVER	17	7	2	1	7	-
NOT STATED	57	13	3	3	9	29

- Represents zero events.

[1] Asian/Pacific Islander, Black, White/Other, and Unknown exclude Hispanic ethnicity. Hispanic includes any race category.

[2] Total also includes 14 fetal deaths to American Indian/Eskimo/Aleut.

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

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

TABLE 3-3. FETAL DEATHS BY RACE[1] AND AGE OF MOTHER, CALIFORNIA, 2001 (By Place of Residence)

RACE OF MOTHER	TOTAL	AGE OF MOTHER													
		UNDER 15	15-19 BY SINGLE YEAR					15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
			15	16	17	18	19								
TOTAL	2,952	9	9	34	49	87	106	285	648	669	656	450	161	17	57
AMERICAN INDIAN	17	-	-	1	-	-	1	2	4	1	5	3	2	-	-
BLACK	388	1	1	9	9	19	14	52	100	96	72	50	12	1	4
CAMBODIAN	6	-	-	-	-	-	-	-	1	2	3	-	-	-	-
CHINESE	35	-	-	-	-	-	-	-	2	3	20	9	1	-	-
FILIPINO	85	-	1	-	5	4	-	10	19	14	18	18	5	-	1
HMONG	5	-	-	-	-	-	-	-	1	1	-	2	-	-	1
INDIAN (INDIA)	39	-	-	-	-	-	-	-	3	16	13	4	1	1	1
JAPANESE	7	-	-	-	-	-	-	-	-	1	3	2	1	-	-
KOREAN	9	-	-	-	-	-	-	-	-	2	4	3	-	-	-
PACIFIC ISLANDER	22	-	-	-	-	1	-	1	6	5	3	4	3	-	-
THAI	7	-	-	-	1	-	-	1	1	-	4	1	-	-	-
VIETNAMESE	48	-	-	-	-	1	-	1	3	9	22	7	6	-	-
WHITE	2,207	8	7	24	34	59	90	214	499	510	478	338	126	14	20
LAOTIAN	5	-	-	-	-	-	-	-	2	1	2	-	-	-	-
OTHER ASIAN	14	-	-	-	-	1	-	1	2	-	5	3	2	1	-
OTHER	8	-	-	-	-	-	-	-	3	1	1	1	1	-	1
NOT STATED	50	-	-	-	-	2	1	3	2	7	3	5	1	-	29

- Represents zero events.

[1] All races may include Hispanics. American Indian includes Eskimo and Aleut. Pacific Islander includes Hawaiian, Guamanian, Samoan, and Other Pacific Islander.

Note: Includes 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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TABLE 3-4. NUMBER AND PERCENT OF FETAL DEATHS BY WEEKS OF GESTATION, CALIFORNIA, 2001
(By Place of Residence)

WEEKS OF GESTATION	FETAL DEATHS	PERCENT	
		ALL FETAL DEATHS	EXCLUDING UNKNOWN GESTATION
TOTAL	2,952	100.0	100.0
20 WEEKS TO UNDER 37 COMPLETED WEEKS	2,025	68.6	75.3
37 WEEKS TO UNDER 42 COMPLETED WEEKS	593	20.1	22.0
42 WEEKS TO UNDER 53 COMPLETED WEEKS	73	2.5	2.7
NOT STATED[1]	261	8.8	

[1] "Not Stated" includes not only those not stated, but also 18 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 COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(By Place of Residence)

COUNTY	TOTAL	AGE OF MOTHER													
		UNDER 15	15-19 BY SINGLE YEAR					15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	NOT STATED
			15	16	17	18	19								
CALIFORNIA	2,952	9	9	34	49	87	106	285	648	669	656	450	161	17	57
ALAMEDA	151	-	1	2	2	5	2	12	24	46	37	18	14	-	-
BERKELEY[1]	4	-	-	1	-	-	-	1	-	-	1	-	2	-	-
ALPINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMADOR	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
BUTTE	15	-	-	-	1	2	2	5	3	3	3	1	-	-	-
CALAVERAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLUSA	5	-	-	-	-	-	-	-	2	2	-	-	1	-	-
CONTRA COSTA	75	-	-	1	-	-	1	2	20	18	13	17	5	-	-
DEL NORTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EL DORADO	14	-	-	-	1	1	-	2	3	5	3	1	-	-	-
FRESNO	77	-	-	1	2	2	7	12	21	20	10	8	6	-	-
GLENN	5	-	1	-	-	-	-	1	-	-	-	3	1	-	-
HUMBOLDT	9	-	1	-	-	-	-	1	4	1	1	-	2	-	-
IMPERIAL	12	-	-	-	-	-	2	2	4	2	1	1	2	-	-
INYO	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
KERN	94	-	-	3	3	4	4	14	21	25	22	8	2	1	1
KINGS	9	-	-	-	-	1	1	2	4	1	1	1	-	-	-
LAKE	5	-	-	-	-	-	-	-	2	1	2	-	-	-	-
LASSEN	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
LOS ANGELES	876	2	2	9	13	21	28	73	184	203	189	140	48	6	31
LONG BEACH[1]	47	-	-	1	-	-	3	4	13	10	8	5	6	-	1
PASADENA[1]	9	-	-	-	1	-	-	1	1	1	2	1	2	-	1
MADERA	13	-	-	-	-	-	1	1	2	2	5	2	-	-	1
MARIN	7	-	-	-	-	-	-	-	-	1	2	1	2	-	1
MARIPOSA	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MENDOCINO	4	-	-	-	-	-	-	-	1	-	-	2	1	-	-
MERCED	31	-	-	1	1	3	-	5	12	2	8	2	1	-	1
MODOC	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
MONO	3	-	-	-	-	-	-	-	1	-	-	2	-	-	-
MONTEREY	36	-	-	1	-	1	1	3	12	13	5	2	-	-	1
NAPA	6	-	-	1	-	-	-	1	-	2	3	-	-	-	-
NEVADA	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ORANGE	257	-	-	2	3	6	12	23	37	59	73	45	16	1	3
PLACER	15	-	-	-	-	-	-	-	-	9	4	1	1	-	-
PLUMAS	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
RIVERSIDE	142	1	1	2	4	6	2	15	41	20	28	22	11	-	4
SACRAMENTO	113	1	1	2	2	1	4	10	29	31	28	10	1	1	2
SAN BENITO	6	-	-	-	-	-	-	-	3	1	1	1	-	-	-
SAN BERNARDINO	158	3	-	1	4	9	9	23	36	33	25	28	8	-	2
SAN DIEGO	213	2	1	1	4	9	9	24	44	40	49	36	10	2	6
SAN FRANCISCO	38	-	-	-	-	-	-	-	8	9	7	7	6	-	1
SAN JOAQUIN	61	-	-	1	2	2	1	6	20	18	10	6	-	1	-
SAN LUIS OBISPO	12	-	-	-	-	1	-	1	2	2	5	2	-	-	-
SAN MATEO	46	-	-	-	-	-	1	1	8	10	12	9	4	1	1
SANTA BARBARA	30	-	-	-	-	-	2	2	4	8	9	6	-	1	-
SANTA CLARA	125	-	-	1	1	2	3	7	18	23	45	28	3	-	1
SANTA CRUZ	13	-	-	-	-	-	-	-	1	3	4	4	1	-	-
SHASTA	7	-	-	-	-	1	2	3	1	2	1	-	-	-	-
SIERRA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
SOLANO	31	-	-	-	-	1	3	4	12	5	6	2	2	-	-
SONOMA	31	-	-	-	-	1	1	2	9	5	9	3	2	1	-
STANISLAUS	52	-	-	1	2	2	1	6	18	10	12	4	2	-	-
SUTTER	10	-	-	1	1	-	-	2	4	3	-	1	-	-	-
TEHAMA	6	-	-	-	-	1	-	1	1	2	-	-	2	-	-
TRINITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TULARE	46	-	1	-	2	3	3	9	11	9	6	8	3	-	-
TUOLUMNE	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
VENTURA	63	-	-	2	1	2	3	8	14	13	10	13	4	1	-
YOLO	14	-	-	1	-	-	-	1	2	3	4	3	-	-	1
YUBA	7	-	-	-	-	-	1	1	1	2	2	1	-	-	-

- Represents zero events.

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

Note: Includes 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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TABLE 3-6. FETAL DEATHS BY YEAR OF DEATH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 1991-2001
(By Place of Residence)

COUNTY	YEAR OF DEATH										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CALIFORNIA	3,834	3,704	3,574	3,299	3,355	3,330	2,996	3,053	2,927	3,046	2,952
ALAMEDA	137	153	139	158	138	124	137	131	139	136	151
Berkeley [1]	10	4	4	8	3	2	6	8	3	6	4
ALPINE	1	-	-	-	-	-	-	-	-	-	-
AMADOR	2	5	4	1	-	1	-	5	2	-	1
BUTTE	15	17	33	12	30	15	10	10	17	14	15
CALAVERAS	4	3	4	2	2	3	2	3	2	3	-
COLUSA	3	6	2	6	3	1	1	2	-	2	5
CONTRA COSTA	80	55	90	54	71	69	59	74	76	75	75
DEL NORTE	2	-	2	3	1	1	1	2	1	2	-
EL DORADO	16	8	10	6	6	13	8	13	8	10	14
FRESNO	106	110	93	86	114	108	87	100	94	70	77
GLENN	5	2	3	5	4	4	5	3	1	4	5
HUMBOLDT	10	8	7	9	11	10	11	9	8	8	9
IMPERIAL	14	19	20	11	15	19	17	5	16	15	12
INYO	3	-	1	-	1	2	3	1	-	-	1
KERN	90	85	96	86	77	81	69	76	76	80	94
KINGS	8	16	13	14	13	4	16	11	13	11	9
LAKE	5	6	6	6	5	2	5	1	4	2	5
LASSEN	2	5	1	4	4	1	3	3	1	-	1
LOS ANGELES	1,354	1,240	1,203	1,153	1,089	1,132	970	923	904	974	876
Long Beach [1]	76	63	83	70	59	65	66	61	56	52	47
Pasadena [1]	18	23	20	7	14	12	10	9	12	10	9
MADERA	5	17	26	17	17	10	12	19	17	20	13
MARIN	13	10	9	7	14	11	1	17	15	17	7
MARIPOSA	3	1	-	1	2	3	1	1	-	1	1
MENDOCINO	4	6	7	9	3	4	5	10	5	7	4
MERCED	32	35	32	22	24	30	21	18	26	28	31
MODOC	1	-	-	2	2	-	-	1	-	-	1
MONO	1	1	-	-	1	-	2	-	-	1	3
MONTEREY	45	52	50	46	43	47	42	43	42	27	36
NAPA	8	7	10	8	15	8	9	8	11	5	6
NEVADA	9	6	5	3	7	3	4	1	4	1	1
ORANGE	280	322	303	264	275	286	254	238	246	254	257
PLACER	10	14	13	16	20	18	11	12	7	14	15
PLUMAS	4	-	1	2	1	3	2	1	1	2	1
RIVERSIDE	149	162	115	129	143	139	124	125	116	147	142
SACRAMENTO	110	121	116	112	95	96	109	121	117	111	113
SAN BENITO	6	4	4	6	8	6	1	7	4	4	6
SAN BERNARDINO	196	201	200	172	170	172	142	183	140	153	158
SAN DIEGO	350	291	245	302	291	265	244	290	242	228	213
SAN FRANCISCO	76	70	59	2	53	48	35	58	35	58	38
SAN JOAQUIN	66	70	65	52	59	51	55	51	56	46	61
SAN LUIS OBISPO	16	16	20	9	10	18	16	16	10	15	12
SAN MATEO	49	55	51	45	44	57	49	43	41	53	46
SANTA BARBARA	34	33	46	30	27	36	29	29	27	32	30
SANTA CLARA	144	144	139	127	135	132	136	111	116	144	125
SANTA CRUZ	17	22	21	14	13	12	17	15	27	19	13
SHASTA	15	9	9	16	14	14	9	12	10	6	7
SIERRA	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	5	2	7	2	3	2	3	2	-	1	1
SOLANO	34	39	32	33	40	27	27	26	26	40	31
SONOMA	47	34	38	29	30	43	35	32	30	31	31
STANISLAUS	56	52	41	44	33	47	34	43	44	50	52
SUTTER	12	8	9	5	12	9	11	11	8	8	10
TEHAMA	4	3	4	3	4	3	5	6	1	4	6
TRINITY	1	1	-	1	1	1	1	-	-	1	-
TULARE	54	61	60	59	58	44	56	49	56	37	46
TUOLUMNE	3	5	1	2	4	6	2	2	2	2	1
VENTURA	92	66	82	66	80	66	63	59	65	52	63
YOLO	20	18	14	15	12	16	14	14	13	15	14
YUBA	6	8	13	11	8	7	11	7	5	6	7

- Represents zero events.

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

Note: Includes 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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TABLE 3-7. FETAL DEATHS AND MORTALITY RATIOS FROM SELECTED CAUSES OF DEATH, CALIFORNIA, 2001 (By Place of Residence)

ICD CODES (REV. 10)		CAUSE OF DEATH	NUMBER	DEATH RATIO [1]	PERCENT
A00-Y89		TOTAL, ALL CAUSES	2,952	5.6	100.0
P00-P96		CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2,617	5.0	88.7
P00	#	FETUS AFFECTED BY MATERNAL CONDITIONS THAT MAY BE UNRELATED TO PRESENT PREGNANCY	94	0.2	3.2
P00.0		MATERNAL HYPERTENSIVE DISORDERS	58	0.1	2.0
P01	#	FETUS AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	262	0.5	8.9
P01.1		PREMATURE RUPTURE OF MEMBRANES	135	0.3	4.6
P02	#	FETUS AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	909	1.7	30.8
P02.1		OTHER FORMS OF PLACENTAL SEPARATION & HEMORRHAGE	233	0.4	7.9
P02.2		OTHER & UNSPECIFIED MORPHOLOGICAL & FUNCTIONAL ABNORMALITIES OF PLACENTA	89	0.2	3.0
P02.5		OTHER COMPRESSION OF UMBILICAL CORD	259	0.5	8.8
P02.6		OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	224	0.4	7.6
P07	#	DISORDERS RELATED TO SHORT GESTATION AND LOW BIRTHWEIGHT, NOT ELSEWHERE CLASSIFIED	290	0.5	9.8
P07.2		EXTREME IMMATURITY	200	0.4	6.8
P07.3		OTHER PRETERM INFANTS	90	0.2	3.0
P20-21	#	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	72	0.1	2.4
P29		CARDIOVASCULAR DISORDERS ORIGINATING IN THE PERINATAL PERIOD	89	0.2	3.0
P29.1		NEONATAL CARDIAC DYSRHYTHMIA	66	0.1	2.2
P70		TRANSITORY ENDOCRINE & METABOLIC DISORDERS SPECIFIC TO FETUS	23	a	0.8
P80-96		OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	792	1.5	26.8
P95	#	FETAL DEATH OF UNSPECIFIED CAUSE	750	1.4	25.4
RESIDUAL		OTHER CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	86	b	2.9
Q00-Q99	#	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	327	0.6	11.1
Q00-Q07		CONGENITAL MALFORMATIONS OF NERVOUS SYSTEM	52	0.1	1.8
Q00.0		ANENCEPHALY	31	0.1	1.1
Q20-Q28		CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM	24	a	0.8
Q24.9		OF THE HEART, UNSPECIFIED	14	a	0.5
Q60-Q64		CONGENITAL MALFORMATIONS OF THE URINARY SYSTEM	11	a	0.4
Q65-Q79		CONGENITAL MALFORMATIONS & DEFORMATIONS OF THE MUSCULOSKETAL SYSTEM	16	a	0.5
Q86-Q89		OTHER CONGENITAL MALFORMATIONS	94	0.2	3.2
Q89.7		MULTIPLE CONGENITAL MALIFORMATIONS, NOT ELSEWHERE CLASSIFIED	61	0.1	2.1
Q90-Q99		CHROMOSOMAL ABNORMALITIES, NOT ELSEWHERE CLASSIFIED	116	0.2	3.9
Q91.3		EDWARD'S SYNDROME, UNSPECIFIED	39	0.1	1.3
RESIDUAL		OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	14	b	0.5
A00-E84		CAUSES NOT SPECIFIC TO PERINATAL PERIOD	8	a	0.3

[1] Fetal death ratios are per 1000 live births.

a Less than 0.05.

b Ratios not calculated for residual categories.

Causes marked with a "#" are rankable as leading causes of death. See NCHS' Instruction Manual Part 9: ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics (Updated October 2002) at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.pdf.

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.

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SUMMARY OF INFANT MORTALITY

Note: Please see Chapter 1 for additional tables and discussion of infant mortality.

There were 2,815 deaths of California resident infants (under one year of age) in 2001, 69 less than the number of infant deaths in 2000. This was the twelfth decrease in infant deaths from the high 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 of infant deaths, 67.1 percent, were less than 28 days old. Of these, 56.9 percent died within 24 hours of birth (Tables 4-5 and 4-6).

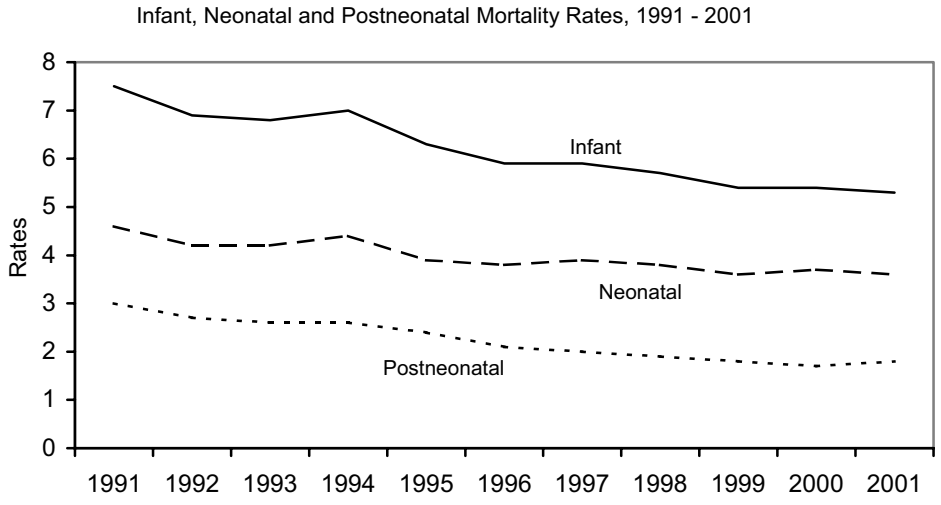
Infant Mortality Rates

Note: Infant mortality rates are calculated based on the number of deaths to infants under one year of age divided by the number of births in the same year. All rates are per 1,000 live births, with the exception of Table 4-11 where the rates were calculated per 100,000 live births.

Neonatal mortality rates are calculated based on deaths occurring during the first 27 days of life divided by the number of live births. A postneonatal mortality rate is calculated based on the number of deaths 28 days of age to less than one year of age divided by the number of live births.

The infant mortality rate in California was 5.3 deaths under one year of age per 1,000 live births in 2001. This rate was down 1.9 percent from the rate 5.4 in 2000, and down 29.3 percent over the ten-year period from the 7.5 rate in 1991 (Table 1-1).

Among the 36 counties with at least 5 infant deaths and at least 1,000 live births, the infant mortality rates ranged from 2.8 in Marin County to 9.4 in Mendocino County (Table 1-2).



The neonatal mortality rate was 3.6 deaths per 1,000 live births in 2001, down from the 3.7 rate in 2000. The neonatal mortality rate in 2001 was down 21.7 percent over the ten-year period from the 4.6 rate in 1991 (Table 4-5).

Among the 32 counties with at least 5 neonatal deaths and at least 1,000 live births, the neonatal mortality rate ranged from 1.4 in Santa Cruz County to 5.7 in Stanislaus County (Table 1-2).

The postneonatal mortality rate was 1.8 per 1,000 live births in 2001, up from the 1.7 rate in 2000 and down 40.0 percent from the rate of 3.0 in 1991 (Table 4-5).

Among the 32 counties with at least 5 postneonatal deaths and at least 1,000 live births, the post-neonatal mortality rate ranged from 0.8 in Ventura County to 4.8 in Yuba County (Table 1-2).

Causes of Death

Note: Causes of death are coded using the International Classification of Diseases, Tenth Revision (ICD-10) and are not necessarily comparable to 1998 and prior data that were coded under ICD-9.

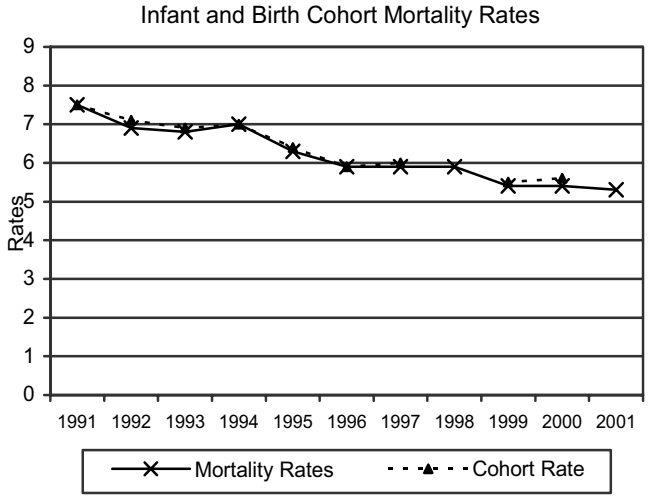
In 2001 the three leading causes of death for infants accounted for 45.5 percent of all infant deaths (Table 4-9). Of the 2,815 infant deaths, 712 were from congenital malformations, et al. Of these deaths, 69.8 percent were neonatal deaths (infants less than 28 days old). There were 371 deaths from disorders of short gestation and low birthweight, of which 97.6 percent were neonatal deaths. There were 197 infant deaths from sudden infant death syndrome (SIDS), 90.9 percent of which were postneonatal deaths (28 days through 11 months of age) (Table 4-11).

Leading Causes of Infant Death by Sex, 2001

Males	Females	Causes of Infant Death	Number	Percent
385	327	Congenital Malformations, Deformations, and Chromosomal Anomalies	712	25.3
194	177	Disorders of Short Gestation and Low Birthweight	371	13.2
112	85	Sudden Infant Death Syndrome (SIDS)	197	7.0

Infant Mortality Rates by Race/Ethnicity

Note: The following race/ethnicity-specific infant mortality rates are primarily based on the 1991-1997 and 1999-2000 Birth Cohort Files. The first graph compares cohort mortality rates with those derived from the 1991-2001 California Birth Statistical Master Files, displaying the similarity between total infant mortality rates derived from the two sources. Due to the cohort file's linkage of birth data with infant death data, however, race-specific rates can be based on race/ethnicity data of mother for both the numerator and denominator and are therefore considered more accurate, though less timely, than rates based on the race of child from the Statistical Master Files. Rates based on the cohort file will be so specified in the text or title and source notes of tables. If not specifically referenced as based on the Birth Cohort Files, rates and infant death counts are derived from the Death Statistical Master Files. The 1998 Birth Cohort File was not prepared; the 2001 file was not completed in time for preparation of this report. Please see the Preface and Chapter 6 for further information on the Birth Cohort File.



All Race/Ethnic Groups Combined

The trend line for infant mortality rates for 1991-2001 very closely parallels the trend for the age-adjusted birth cohort rates.

Infant mortality rates dropped from 7.5 deaths per 1,000 live births in 1991 to 5.9 in 1996 and 1997 and continued down to 5.3 in 2001 (Table 4-5). Cohort mortality rates were within .2% of these rates each year of the decade. (Tables 4-1 and 4-5).

Cohort Infant Mortality Rates Compared by Race/Ethnicity

Note: Beginning in 2000 race reporting changed to allow for the reporting of up to three races on birth and death certificates. Due to this change, data for race and race/ethnic groups differ from previous reports and are not comparable. For further information see Chapter 6.

In 2000 the cohort infant mortality rate of 11.7 for Black infants was substantially higher than for the other race/ethnic groups. The American Indian rate of 9.6 was also higher than the rate for the multi-racial (2 or more race/ethnic groups), Hispanic, Asian/Pacific Islander and the White/Other race/ethnic groups (Table 4-2).

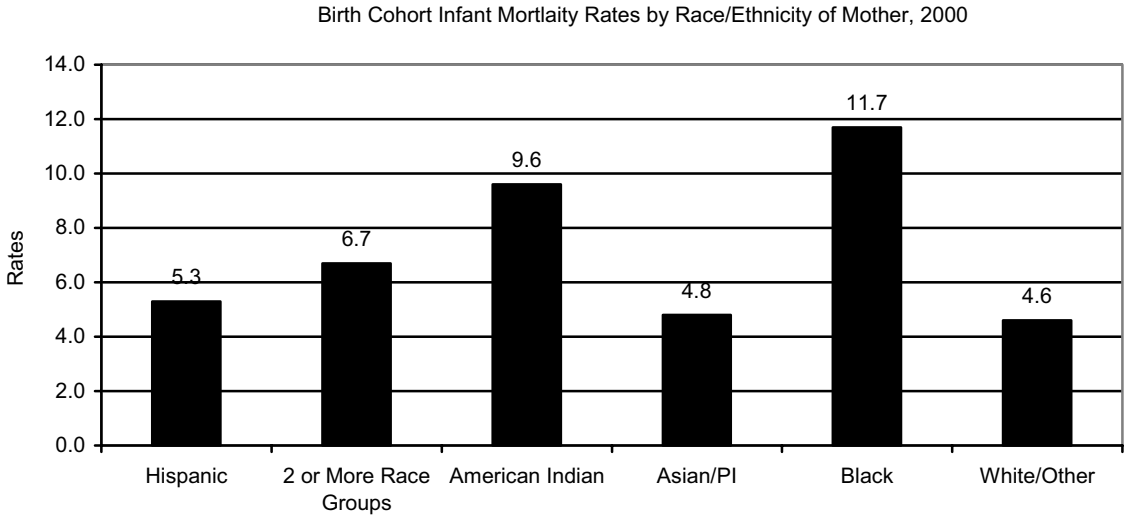


TABLE 4-1. INFANT , NEONATAL AND POSTNEONATAL DEATHS AND MORTALITY RATES BY SEX OF CHILD, CALIFORNIA, 1990-1997, 1999-2000 (By Place of Residence)
(Rates are infant [under 1 year], neonatal [under 28 days], and postneonatal [28 days-11 months] deaths per 1,000 live births in specified group).

YEAR	INFANT DEATHS			COHORT INFANT MORTALITY RATES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
INFANT MORTALITY						
2000	2,962 [a]	1,602	1,356	5.6	5.9	5.2
1999	2,842 [a]	1,556	1,285	5.5	5.9	5.1
1997	3,152 [a]	1,692	1,455	6.0	6.3	5.7
1996	3,167 [a]	1,757	1,406	5.9	6.4	5.3
1995	3,521 [a]	1,987	1,532	6.4	7.0	5.7
1994	3,960 [a]	2,173	1,779	7.0	7.5	6.4
1993	4,041 [a]	2,209	1,823	6.9	7.4	6.4
1992	4,236 [a]	2,393	1,839	7.0	7.8	6.3
1991	4,555	2,583	1,972	7.5	8.3	6.6
1990	4,870	2,819	2,051	8.0	9.0	6.9
NEONATAL MORTALITY						
2000	2,035 [a]	1,086	945	3.8	4.0	3.6
1999	1,929 [a]	1,048	880	3.7	4.0	3.5
1997	2,140 [a]	1,122	1,013	4.1	4.2	3.9
1996	2,108 [a]	1,136	968	3.9	4.1	3.7
1995	2,254 [a]	1,246	1,006	4.1	4.4	3.7
1994	2,555 [a]	1,402	1,145	4.5	4.8	4.1
1993	2,497 [a]	1,341	1,147	4.3	4.5	4.0
1992	2,609 [a]	1,424	1,181	4.3	4.6	4.0
1991	2,829	1,573	1,256	4.6	5.0	4.2
1990	2,991	1,692	1,299	4.9	5.4	4.4
POSTNEONATAL MORTALITY						
2000	927	516	411	1.7	1.9	1.6
1999	913	508	405	1.8	1.9	1.6
1997	1,012	570	442	1.9	2.1	1.7
1996	1,059	621	438	2.0	2.3	1.7
1995	1,267	741	526	2.3	2.6	2.0
1994	1,405	771	634	2.5	2.7	2.3
1993	1,544	868	676	2.6	2.9	2.4
1992	1,627	969	658	2.7	3.1	2.2
1991	1,726	1,010	716	2.8	3.2	2.4
1990	1,879	1,127	752	3.1	3.6	2.5

[a] Includes neonatal deaths where sex is unknown; 2000 includes 4, 1999 includes 1, 1997 includes 5, 1996 includes 4, 1995 includes 2, 1994 includes 8, 1993 includes 9, and 1992 includes 4.

Note: Data for 1998 are not available. See Chapter 6.

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

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TABLE 4-2. LIVE BIRTHS, INFANT DEATHS AND COHORT INFANT MORTALITY RATES BY RACE/ETHNIC GROUP* OF MOTHER
CALIFORNIA, 2000

RACE/ETHNIC GROUP	LIVE BIRTHS	INFANT DEATHS	COHORT INFANT MORTALITY RATE
TOTAL	531,313	2,962	5.6
HISPANIC	257,963	1,354	5.2
NON-HISPANIC			
2 OR MORE RACE GROUPS	6,254	42	6.7
AMERICAN INDIAN	1,975	19	9.6
ASIAN/PACIFIC ISLANDER	61,248	295	4.8
BLACK	32,290	377	11.7
WHITE/OTHER	168,392	773	4.6
UNKNOWN	3,191	102	

* Beginning in 2000, up to three races were reported on birth and death certificates. The race/ethnic groups on this table provide a mutually exclusive list with Hispanic, 2 or more race groups, and single races. American Indian includes Eskimo and Aleut. These groups are not comparable to previously published tables.

Note: Rates are not calculated for unknown categories.

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

TABLE 4-3. LIVE BIRTHS, AND INFANT, NEONATAL AND POSTNEONATAL DEATHS AND MORTALITY RATES BY PLURALITY OF DELIVERY AND BIRTHWEIGHT, CALIFORNIA BIRTH COHORT, 2000 (By Place of Residence)

(Rates are infant [under 1 year], neoantal [under 28 days], and postneonatal [28 days-11 months] deaths per 1,000 live births in specified group.)

PLURALITY AND BIRTHWEIGHT	LIVE BIRTHS	INFANT DEATHS		NEONATAL DEATHS		POSTNEONATAL DEATHS	
		NUMBER	COHORT RATE	NUMBER	COHORT RATE	NUMBER	COHORT RATE
TOTAL	531,313	2,962	5.6	2,035	3.8	927	1.7
UNDER 500 GRAMS	633	599	946.3	589	930.5	10	15.8
500 GRAMS-999 GRAMS	2,293	674	293.9	589	256.9	85	37.1
1000 GRAMS-1499 GRAMS	3,114	190	61.0	138	44.3	52	16.7
1500 GRAMS-2499 GRAMS	26,783	430	16.1	266	9.9	164	6.1
2500 GRAMS & OVER	498,433	1,020	2.0	423	0.8	597	1.2
UNKNOWN	57	49		30		19	
SINGLE	516,628	2,567	5.0	1,699	3.3	868	1.7
UNDER 500 GRAMS	460	433	941.3	425	923.9	8	17.4
500 GRAMS-999 GRAMS	1,795	547	304.7	476	265.2	71	39.6
1000 GRAMS-1499 GRAMS	2,267	159	70.1	116	51.2	43	19.0
1500 GRAMS-2499 GRAMS	20,620	377	18.3	239	11.6	138	6.7
2500 GRAMS & OVER	491,429	1,002	2.0	413	0.8	589	1.2
UNKNOWN	57	49		30		19	
TWIN	14,009	347	24.8	292	20.8	55	3.9
UNDER 500 GRAMS	139	133	956.8	131	942.4	2	14.4
500 GRAMS-999 GRAMS	435	113	259.8	103	236.8	10	23.0
1000 GRAMS-1499 GRAMS	692	30	43.4	21	30.3	9	13.0
1500 GRAMS-2499 GRAMS	5,774	53	9.2	27	4.7	26	4.5
2500 GRAMS & OVER	6,969	18	2.6	10	1.4	8	1.1
UNKNOWN	-	-		-		-	
TRIPLET	633	44	69.5	40	63.2	4	6.3
UNDER 500 GRAMS	29	29	1000.0	29	1000.0	-	-
500 GRAMS-999 GRAMS	55	14	254.5	10	181.8	4	72.7
1000 GRAMS-1499 GRAMS	138	1	7.2	1	7.2	-	-
1500 GRAMS-2499 GRAMS	376	-	-	-	-	-	-
2500 GRAMS & OVER	35	-	-	-	-	-	-
UNKNOWN	-	-		-		-	
QUADRUPLET AND OVER [1]	43	4	93.0	4	93.0	-	-
UNDER 500 GRAMS	5	4	800.0	4	800.0	-	-
500 GRAMS-999 GRAMS	8	-	-	-	-	-	-
1000 GRAMS-1499 GRAMS	17	-	-	-	-	-	-
1500 GRAMS-2499 GRAMS	13	-	-	-	-	-	-
2500 GRAMS & OVER	-	-	-	-	-	-	-
UNKNOWN	-	-		-		-	

[1] In 2000 there were four quintuplet deaths.

- Represents zero events.

Note: Rates not shown for unknown events.

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

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TABLE 4-4. NUMBER AND PERCENT OF INFANT DEATHS BY AGE AND SEX OF CHILD, CALIFORNIA, 1999 - 2000
(By Place of Residence)

SEX AND AGE	1999		2000	
	NUMBER	PERCENT BY AGE	NUMBER	PERCENT BY AGE
TOTAL[a]	2,842	100.0	2,962	100.0
UNDER 1 DAY	1,225	43.1	1,190	40.2
1-6 DAYS	350	12.3	426	14.4
7-27 DAYS	354	12.5	419	14.1
28 DAYS-UNDER 1 YEAR	913	32.1	927	31.3
MALES	1,556	100.0	1,602	100.0
UNDER 1 DAY	661	42.5	619	38.6
1-6 DAYS	189	12.1	246	15.4
7-27 DAYS	198	12.7	221	13.8
28 DAYS-UNDER 1 YEAR	508	32.6	516	32.2
FEMALES	1,285	100.0	1,356	100.0
UNDER 1 DAY	563	43.8	567	41.8
1-6 DAYS	161	12.5	180	13.3
7-27 DAYS	156	12.1	198	14.6
28 DAYS-UNDER 1 YEAR	405	31.5	411	30.3

[a] Includes one infant death where the sex was unknown in 1999 and four infant deaths where the sex was unknown in 2000.

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

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TABLE 4-5. INFANT , NEONATAL AND POSTNEONATAL DEATHS AND MORTALITY RATES BY SEX OF CHILD, CALIFORNIA, 1990-2001 (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	MALE	FEMALE
INFANT MORTALITY						
2001	2,815	1,545	1,270	5.3	5.7	4.9
2000	2,884	1,555	1,329	5.4	5.7	5.1
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
NEONATAL MORTALITY						
2001	1,889	1,049	840	3.6	3.9	3.3
2000	1,957	1,039	918	3.7	3.8	3.5
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
POSTNEONATAL MORTALITY						
2001	926	496	430	1.8	1.8	1.7
2000	927	516	411	1.7	1.9	1.6
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.

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TABLE 4-6 .NUMBER AND PERCENT OF INFANT DEATHS BY AGE AND SEX OF CHILD, CALIFORNIA 2000 - 2001
(By Place of Residence)

AGE AND SEX	2000		2001	
	NUMBER	PERCENT BY AGE	NUMBER	PERCENT BY AGE
TOTAL	2,884	100.0	2,815	100.0
UNDER 1 DAY	1,123	38.9	1,075	38.2
1-6 DAYS	419	14.5	416	14.8
7-27 DAYS	415	14.4	398	14.1
28 DAY - UNDER 1 YEAR	927	32.1	926	32.9
MALES	1,555	100.0	1,545	100.0
UNDER 1 DAY	582	37.4	598	38.7
1-6 DAYS	240	15.4	232	15.0
7-27 DAYS	217	14.0	219	14.2
28 DAY - UNDER 1 YEAR	516	33.2	496	32.1
FEMALES	1,329	100.0	1,270	100.0
UNDER 1 DAY	541	40.7	477	37.6
1-6 DAYS	179	13.5	184	14.5
7-27 DAYS	198	14.9	179	14.1
28 DAY - UNDER 1 YEAR	411	30.9	430	33.9

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

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

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TABLE 4-7. INFANT, NEONATAL, AND POSTNEONATAL DEATHS AND MORTALITY RATES BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA, 2001 (By Place of Residence)
(Rates are deaths to infants of the specified group divided by total live births to mothers of that same group, expressed per 1000 births.)

RACE/ETHNIC GROUP OF CHILD	INFANT DEATHS								
	INFANT			NEONATAL[1]			POSTNEONATAL[2]		
	TOTAL	MALE	FEMALE	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
TOTAL	2,815	1,545	1,270	1,889	1,049	840	926	496	430
HISPANIC	1,313	723	590	886	505	381	427	218	209
NON-HISPANIC									
2 OR MORE RACE GROUPS	54	31	23	30	13	17	24	18	6
AMERICAN INDIAN	14	12	2	7	7	-	7	5	2
ASIAN	211	117	94	133	74	59	78	43	35
BLACK	390	197	193	268	133	135	122	64	58
PACIFIC ISLANDER	15	11	4	8	6	2	7	5	2
WHITE/OTHER	813	452	361	552	309	243	261	143	118
UNKNOWN	5	2	3	5	2	3	-	-	-

RACE/ETHNIC GROUP OF CHILD	INFANT MORTALITY RATES								
	INFANT			NEONATAL[1]			POSTNEONATAL[2]		
	TOTAL	MALE	FEMALE	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
TOTAL[3]	5.3	5.7	4.9	3.6	3.9	3.3	1.8	1.8	1.7
HISPANIC	5.0	5.5	4.6	3.4	3.8	3.0	1.6	1.6	1.6
NON-HISPANIC									
2 OR MORE RACE GROUPS	8.5	9.5	7.4	4.7	4.0	5.4	3.8	5.5	1.9
AMERICAN INDIAN	7.0	12.3	2.0	3.5	7.2	-	3.5	5.1	2.0
ASIAN	3.7	3.9	3.4	2.3	2.5	2.1	1.4	1.4	1.3
BLACK	12.6	12.6	12.5	8.7	8.5	8.8	3.9	4.1	3.8
PACIFIC ISLANDER	6.4	8.8	3.6	3.4	4.9	1.8	3.0	4.0	1.8
WHITE/OTHER	5.0	5.4	4.5	3.4	3.7	3.0	1.6	1.7	1.5

- 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.

[3] Total includes unknown race/ethnicity.

* Beginning in 2000, up to three races were reported on birth and death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic, 2 or more race groups, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 4-8. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE* OF CHILD, CALIFORNIA, 2001 (By Place of Residence)

RACE OF CHILD	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	2,815	1,545	1,270	1,889	1,049	840	926	496	430
2 OR MORE RACE GROUPS	70	35	35	42	17	25	28	18	10
AMERICAN INDIAN	18	12	6	9	7	2	9	5	4
BLACK	401	202	199	275	134	141	126	68	58
CAMBODIAN	7	2	5	5	2	3	2	-	2
CHINESE	34	19	15	14	8	6	20	11	9
ESKIMO / ALEUT	-	-	-	-	-	-	-	-	-
FILIPINO	72	43	29	44	26	18	28	17	11
GUAMANIAN	-	-	-	-	-	-	-	-	-
HAWAIIAN	1	-	1	-	-	-	1	-	1
HMONG	9	3	6	4	-	4	5	3	2
INDIAN (INDIA)	27	17	10	23	16	7	4	1	3
JAPANESE	6	3	3	5	2	3	1	1	-
KOREAN	14	10	4	9	8	1	5	2	3
LAOTIAN	7	4	3	6	3	3	1	1	-
SAMOAN	6	4	2	3	2	1	3	2	1
THAI	2	2	-	1	1	-	1	1	-
VIETNAMESE	25	12	13	15	7	8	10	5	5
WHITE	2,093	1,164	929	1,416	808	608	677	356	321
OTHER PACIFIC ISLANDER	9	8	1	5	4	1	4	4	-
OTHER ASIAN	9	3	6	8	2	6	1	1	-
OTHER	-	-	-	-	-	-	-	-	-
NOT STATED	5	2	3	5	2	3	-	-	-

[1] Deaths occurring during the first 27 days of life. - Represents zero events.

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

* Beginning in 2000, up to three races were reported on death certificates. The list of races identifies 2 or more race groups before selecting single races. These groups are only comparable to the year 2000 data tables. See Chapter 6.

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

TABLE 4-9. NUMBER AND PERCENT OF INFANT DEATHS AND INFANT MORTALITY RATES FOR LEADING CAUSES OF INFANT DEATH BY SEX OF CHILD, CALIFORNIA, 2001
(By Place of Residence)
(Infant mortality rates are per 100,000 live births in specified group.)

CAUSE OF INFANT DEATH	ICD CODES REV. 10	TOTAL INFANT DEATHS				MALE INFANT DEATHS				FEMALE INFANT DEATHS			
		TOTAL RANK	DEATHS	PERCENT[1]	MORTALITY RATE	RANK	DEATHS	PERCENT[1]	MORTALITY RATE	RANK	DEATHS	PERCENT[1]	MORTALITY RATE
All Causes	A00-Y89		2,815	100.0	533.8		1,545	100.0	573.8		1,270	100.0	492.0
Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	1	712	25.3	135.0	1	385	24.9	143.0	1	327	25.7	126.7
Disorders of Short Gestation and Low Birthweight	P07	2	371	13.2	70.3	2	194	12.6	72.1	2	177	13.9	68.6
Sudden Infant Death Syndrome	R95	3	197	7.0	37.4	3	112	7.2	41.6	3	85	6.7	32.9
Respiratory Distress of Newborn	P22	4	98	3.5	18.6	4	68	4.4	25.3	8	30	2.4	11.6
Complications of Placenta, Cord, and Membrane	P02	4	98	3.5	18.6	5	52	3.4	19.3	4	46	3.6	17.8
Effect of Maternal Complications of Pregnancy	P01	6	87	3.1	16.5	6	48	3.1	17.8	5	39	3.1	15.1
Bacterial Sepsis of Newborn	P36	7	71	2.5	13.5	7	45	2.9	16.7	9	26	2.0	10.1
Neonatal Hemorrhage	P50-P52, P54	8	62	2.2	11.8	10	30	1.9	11.1	6	32	2.5	12.4
Intrauterine Hypoxia & Birth Asphyxia	P20-P21	9	60	2.1	11.4	8	36	2.3	13.4	10	24	1.9	9.3
Diseases of Circulatory System	I00-I99	10	58	2.1	11.0	11	27	1.7	10.0	7	31	2.4	12.0
Accidents	Y85-Y86 V01-X59,	11	53	1.9	10.0	9	34	2.2	12.6	11	19	1.5	7.4
All Other Causes	RESIDUAL		948	33.7			514	33.3			434	34.2	

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

Note: The leading causes of infant death are coded by ICD-10 and are presented in 2001 ranking for total infant deaths.

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

TABLE 4-10. LEADING CAUSES OF INFANT DEATH BY RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES REV. 10	TOTAL INFANT DEATHS	HISPANIC	NON-HISPANIC RACE GROUPS						
					2 OR MORE RACE GROUPS	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/ OTHER	UNKNOWN
	All Causes	A00-Y89	2,815	1,313	54	14	211	390	15	813	5
1	Congenital Malformations, Deformations, and Chromosomal Abnormalities	Q00-Q99	712	385	14	2	55	58	4	193	1
2	Disorders of Short Gestation and Low Birthweight	P07	371	150	6	2	25	84	1	101	2
3	Sudden Infant Death Syndrome	R95	197	66	10	2	11	31	3	74	-
4	Respiratory Distress of Newborn	P22	98	49	1	-	7	13	1	27	-
4	Complications of Placenta, Cord, and Membrane	P02	98	46	1	2	4	8	1	36	-
6	Effect of Maternal Complications of Pregnancy	P01	87	33	1	-	10	12	-	31	-
7	Bacterial Sepsis of Newborn	P36	71	33	1	-	-	16	-	21	-
8	Neonatal Hemorrhage	P50-P52, P54	62	28	-	-	5	10	-	19	-
9	Intrauterine Hypoxia & Birth Asphyxia	P20-P21	60	31	1	1	3	1	1	22	-
10	Diseases of Circulatory System	I00-I99	58	28	2	-	5	5	-	18	-
11	Accidents	V01-X59, Y85-Y86	53	20	-	-	3	6	1	23	-
	All Other Causes	RESIDUAL	948	444	17	5	83	146	3	248	2

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups on this table provide a mutually exclusive list with Hispanic, 2 or more race groups, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable to the year 2000 data tables. See Chapter 6.

\- Represents zero events.

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

TABLE 4-11. NUMBER AND PERCENT OF INFANT, NEONATAL, AND POSTNEONATAL DEATHS AND INFANT MORTALITY RATES FROM SELECTED CAUSES, CALIFORNIA 2001 (By Place of Residence)
(Infant mortality rates are per 100,000 live births.)

ICD CODES REV. 10		CAUSES OF INFANT DEATH	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
			NUMBER	RATE	PERCENT[1]	NUMBER	RATE	PERCENT[1]	NUMBER	RATE	PERCENT[1]
A00-Y89		TOTAL, ALL CAUSES	2,815	533.8	100.0	1,889	358.2	100.0	926	175.6	100.0
P00-P96		CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1,354	256.7	48.1	1,263	239.5	66.9	91	17.3	9.8
P00-P04		MATERNAL CONDITIONS	236	44.8	8.4	228	43.2	12.1	8	1.5	0.9
P00		NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	23	4.4	0.8	21	4.0	1.1	2	a	0.2
P01	#	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	87	16.5	3.1	87	16.5	4.6	-	-	-
P01.1		PREMATURE RUPTURE OF MEMBRANES	45	8.5	1.6	45	8.5	2.4	-	-	-
P02	#	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	98	18.6	3.5	95	18.0	5.0	3	a	0.3
P03	#	NEWBORN AFFECTED BY COMPLICATIONS OF LABOR AND DELIVERY	19	3.6	0.7	18	3.4	1.0	1	a	0.1
P04	#	NEWBORN AFFECTED BY NOXIOUS INFLUENCE VIA PLACENTA OR BREAST MILK	9	1.7	0.3	7	1.3	0.4	2	a	0.2
P05-P08		DISORDERS RELATED TO LENGTH OF GESTATION OR MALNUTRITION	376	71.3	13.4	367	69.6	19.4	9	1.7	1.0
P05	#	SLOW FETAL GROWTH AND FETAL MALNUTRITION	5	0.9	0.2	5	0.9	0.3	-	-	-
P07	#	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	371	70.3	13.2	362	68.6	19.2	9	1.7	1.0
P07.2		EXTREME IMMATURITY	294	55.7	10.4	290	55.0	15.4	4	a	0.4
P10-P15	#	BIRTH TRAUMA	18	3.4	0.6	18	3.4	1.0	-	-	-
P20-P28		RESPIRATORY CONDITIONS ORIGINATING IN PERINATAL PERIOD	288	54.6	10.2	251	47.6	13.3	37	7.0	4.0
P20-P21	#	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	60	11.4	2.1	57	10.8	3.0	3	a	0.3
P22	#	RESPIRATORY DISTRESS OF NEWBORN	98	18.6	3.5	91	17.3	4.8	7	1.3	0.8
P23-P24		CONGENITAL PNEUMONIA & NEONATAL ASPIRATION SYNDROMES	18	3.4	0.6	18	3.4	1.0	-	-	-
P25	#	INTERSTITIAL EMPHYSEMA & RELATED CONDITIONS	19	3.6	0.7	18	3.4	1.0	1	a	0.1
P26	#	PULMONARY HEMORRHAGE	21	4.0	0.7	20	3.8	1.1	1	a	0.1
P27	#	CHRONIC RESPIRATORY DISEASE	23	4.4	0.8	2	a	0.1	21	4.0	2.3
P28		OTHER RESPIRATORY CONDITIONS	49	b	1.7	45	b	2.4	4	b	0.4
P29		CARDIOVASCULAR DISORDERS ORIGINATING IN PERINATAL PERIOD	176	33.4	6.3	173	32.8	9.2	3	a	0.3
P35-P39		PERINATAL INFECTIONS	85	16.1	3.0	77	14.6	4.1	8	1.5	0.9
P36	#	BACTERIAL SEPSIS OF NEWBORN	71	13.5	2.5	65	12.3	3.4	6	1.1	0.6
P35,P37-P39		OTHER PERINATAL INFECTIONS	14	b	0.5	12	b	0.6	2	b	0.2
P50-P61		HEMORRHAGIC & HEMATOLOGICAL DISORDERS OF NEWBORN	80	15.2	2.8	77	14.6	4.1	3	a	0.3
P50-P52,P54	#	NEONATAL HEMORRHAGE	62	11.8	2.2	61	11.6	3.2	1	a	0.1
RESIDUAL		OTHER HEMORRHAGIC & HEMATOLOGICAL CONDITIONS	18	b	0.6	16	b	0.8	2	b	0.2
P75-P78		DIGESTIVE SYSTEM DISORDERS OF NEWBORN	53	10.0	1.9	36	6.8	1.9	17	3.2	1.8
P80-P83		CONDITIONS OF INTEGUMENT & TEMPERATURE REGULATION	19	3.6	0.7	18	3.4	1.0	1	a	0.1
RESIDUAL		OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	23	b	0.8	18	b	1.0	5	b	0.5
Q00-Q99	#	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	712	135.0	25.3	497	94.2	26.3	215	40.8	23.2
Q00-Q07		CONGENITAL MALFORMATIONS OF THE NERVOUS SYSTEM	88	16.7	3.1	65	12.3	3.4	23	4.4	2.5
Q00		ANENCEPHALY AND SIMILAR MALFORMATIONS	34	6.4	1.2	33	6.3	1.7	1	a	0.1
Q20-Q28		CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM	252	47.8	9.0	146	27.7	7.7	106	20.1	11.4
Q20-Q24		OF THE HEART	218	41.3	7.7	126	23.9	6.7	92	17.4	9.9
Q25-Q28		OTHER	34	b	1.2	20	b	1.1	14	b	1.5
Q30-Q34		CONGENITAL MALFORMATIONS OF THE RESPIRATORY SYSTEM	66	12.5	2.3	60	11.4	3.2	6	1.1	0.6
Q33		OF THE LUNG	61	11.6	2.2	57	10.8	3.0	4	a	0.4
Q35-Q45		CONGENITAL MALFORMATIONS OF THE DIGESTIVE SYSTEM	12	2.3	0.4	8	1.5	0.4	4	a	0.4
Q50-Q64		CONGENITAL MALFORMATIONS OF THE GENITOURINARY SYSTEM	49	9.3	1.7	42	8.0	2.2	7	1.3	0.8
Q65-Q79		CONGENITAL MALFORMATIONS AND DEFORMATION OF MUSCULOSKELETAL SYSTEM	43	8.2	1.5	30	5.7	1.6	13	2.5	1.4

TABLE 4-11. NUMBER AND PERCENT OF INFANT, NEONATAL, AND POSTNEONATAL DEATHS AND INFANT MORTALITY RATES FROM SELECTED CAUSES, CALIFORNIA 2001 (By Place of Residence) - Cont.
(Infant mortality rates are per 100,000 live births.)

ICD CODES REV. 10	CAUSES OF INFANT DEATH	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
		NUMBER	RATE	PERCENT[1]	NUMBER	RATE	PERCENT[1]	NUMBER	RATE	PERCENT[1]
Q80-Q89	OTHER CONGENITAL MALFORMATIONS	60	11.4	2.1	44	b	2.3	16	b	1.7
Q90-Q99	CHROMOSOMAL ABNORMALITIES, N.E.C.	142	26.9	5.0	102	19.3	5.4	40	7.6	4.3
Q90	DOWN'S SYNDROME	17	3.2	0.6	12	2.3	0.6	5	0.9	0.5
Q91.0-Q91.3	EDWARD'S SYNDROME	64	12.1	2.3	45	8.5	2.4	19	3.6	2.1
Q91.4-Q91.7	PATAU'S SYNDROME	38	7.2	1.3	34	6.4	1.8	4	a	0.4
RESIDUAL	OTHER CHROMOSOMAL ABNORMALITIES	23	b	0.8	11	b	0.6	12	b	1.3
RESIDUAL	OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & ABNORMALITIES	-	-	-	-	-	-	-	-	-
	CAUSES NOT SPECIFIC TO PERINATAL PERIOD	749	142.0	26.6	129	24.5	6.8	620	117.6	67.0
A00-B99	CERTAIN INFECTIOUS & PARASITIC DISEASES	46	8.7	1.6	9	1.7	0.5	37	7.0	4.0
A40-A41	SEPTICEMIA	15	2.8	0.5	-	-	-	15	2.8	1.6
A80-B34	VIRAL DISEASES	13	2.5	0.5	6	1.1	0.3	7	1.3	0.8
C00-D48	NEOPLASMS	15	2.8	0.5	3	a	0.2	12	2.3	1.3
E00-E88	ENDOCRINE, NURITIONAL & METABOLIC DISEASES	28	5.3	1.0	11	2.1	0.6	17	3.2	1.8
G00-G98	DISEASES OF THE NERVOUS SYSTEM	48	9.1	1.7	13	2.5	0.7	35	6.6	3.8
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	58	11.0	2.1	20	3.8	1.1	38	7.2	4.1
I26-I28	PULMONARY HEART DISEASE	17	3.2	0.6	11	2.1	0.6	6	1.1	0.6
I42	CARDIOMYOPATHY	16	3.0	0.6	3	a	0.2	13	2.5	1.4
I60-I69	CEREBROVASCULAR DISEASES	10	1.9	0.4	2	a	0.1	8	1.5	0.9
RESIDUAL	OTHER DISEASES OF THE CIRCULATORY SYSTEM	15	b	0.5	4	b	0.2	11	b	1.2
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	69	13.1	2.5	5	0.9	0.3	64	12.1	6.9
J10-J18	INFLUENZA & PNEUMONIA	25	4.7	0.9	1	a	0.1	24	4.6	2.6
RESIDUAL	OTHER DISEASES OF THE RESPIRATORY SYSTEM	44	b	1.6	4	b	0.2	40	b	4.3
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	41	7.8	1.5	9	1.7	0.5	32	6.1	3.5
K29,K50-K55 #	GASTRITIS, DUODENITIS, & NONINFECTIVE ENTERITIS & COLITIS	18	3.4	0.6	4	a	0.2	14	2.7	1.5
K55	VASCULAR DISORDER OF INTESTINE	15	2.8	0.5	4	a	0.2	11	2.1	1.2
RESIDUAL	OTHER DISEASES OF THE DIGESTIVE SYSTEM	23	b	0.8	5	b	0.3	18	b	1.9
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	14	2.7	0.5	8	1.5	0.4	6	1.1	0.6
N17-N19	RENAL FAILURE	10	1.9	0.4	6	1.1	0.3	4	a	0.4
RESIDUAL	OTHER DISEASES OF THE GENITOURINARY SYSTEM	4	b	0.1	2	b	-	2	b	-
R00-R99	SYMPTOMS, SIGNS & ABNORMAL CLINICAL & LAB FINDINGS	324	61.4	11.5	41	7.8	2.2	283	53.7	30.6
R95 #	SUDDEN INFANT DEATH SYNDROME	197	37.4	7.0	18	3.4	1.0	179	33.9	19.3
RESIDUAL	OTHER SYMPTOMS, SIGNS & ABNORMAL FINDINGS	127	b	4.5	23	b	1.2	104	b	11.2
V01-Y89	EXTERNAL CAUSES OF MORTALITY	90	17.1	3.2	8	1.5	0.4	82	15.5	8.9
V01-X59,Y85-Y86 #	ACCIDENTS	53	10.0	1.9	4	a	0.2	49	9.3	5.3
X85-Y09,Y87.1 #	ASSAULT (HOMICIDE)	32	6.1	1.1	4	a	0.2	28	5.3	3.0
RESIDUAL	OTHER EXTERNAL CAUSES	5	b	0.2	-	-	-	5	b	0.5
RESIDUAL	ALL OTHER CAUSES NOT SPECIFIC TO PERINATAL PERIOD	16	b	0.6	2	b	0.1	14	b	1.5

ICD-10 code ranges marked with this sign are rankable as leading causes of infant death.

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

- Represents zero events.

a Rates are not calculated for fewer than five events.

b Rates are not computed for residual categories.

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 4-12. INFANT DEATHS BY MONTH OF DEATH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CALIFORNIA	2,815	261	240	236	230	231	216	227	224	250	234	218	248
ALAMEDA	133	8	18	9	9	16	10	13	6	9	9	10	16
Berkeley [1]	5	1	-	-	-	-	-	-	-	-	2	1	1
ALPINE	-	-	-	-	-	-	-	-	-	-	-	-	-
AMADOR	1	-	-	-	-	-	1	-	-	-	-	-	-
BUTTE	10	1	1	-	-	-	1	-	2	-	2	-	3
CALAVERAS	2	-	-	-	-	-	-	-	1	-	1	-	-
COLUSA	1	-	-	1	-	-	-	-	-	-	-	-	-
CONTRA COSTA	53	-	5	5	5	5	8	7	2	1	6	4	5
DEL NORTE	3	-	-	1	-	-	-	-	1	-	1	-	-
EL DORADO	9	-	-	2	1	1	2	-	-	1	1	1	-
FRESNO	74	7	4	10	5	3	2	6	8	6	8	8	7
GLENN	-	-	-	-	-	-	-	-	-	-	-	-	-
HUMBOLDT	6	-	-	1	-	2	2	-	-	-	-	-	1
IMPERIAL	14	2	1	2	1	1	1	1	-	2	-	3	-
INYO	2	-	-	1	-	-	-	1	-	-	-	-	-
KERN	77	9	6	6	9	2	5	7	9	3	6	9	6
KINGS	9	3	1	1	-	-	-	-	-	3	-	-	1
LAKE	4	1	1	-	-	-	1	-	-	1	-	-	-
LASSEN	4	-	1	1	-	-	1	-	-	-	1	-	-
LOS ANGELES	828	78	55	78	77	65	63	67	70	80	64	53	78
Long Beach [1]	38	3	3	5	4	6	2	3	2	3	1	2	4
Pasadena [1]	11	-	2	-	-	-	-	1	-	2	1	3	2
MADERA	13	2	-	-	1	4	2	1	1	1	-	-	1
MARIN	8	2	1	-	-	1	-	-	3	-	-	-	1
MARIPOSA	1	-	-	-	-	-	-	-	-	1	-	-	-
MENDOCINO	10	-	1	-	1	1	3	1	-	-	-	-	3
MERCED	21	2	3	3	-	2	3	-	1	1	2	2	2
MODOC	1	-	-	1	-	-	-	-	-	-	-	-	-
MONO	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTEREY	39	2	4	1	4	6	5	-	5	6	-	5	1
NAPA	3	-	-	-	1	-	-	1	-	-	1	-	-
NEVADA	3	-	2	-	-	-	-	-	-	-	-	1	-
ORANGE	206	25	12	15	17	19	14	21	16	14	13	15	25
PLACER	15	2	1	3	-	1	1	1	-	1	2	-	3
PLUMAS	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	114	11	9	6	6	9	10	7	12	13	12	10	9
SACRAMENTO	117	13	13	7	5	14	8	8	7	12	10	13	7
SAN BENITO	4	-	-	-	1	1	-	-	2	-	-	-	-
SAN BERNARDINO	226	19	26	21	17	17	12	21	13	24	20	21	15
SAN DIEGO	246	30	16	18	26	13	21	22	26	24	23	14	13
SAN FRANCISCO	31	4	3	2	4	5	3	1	2	2	-	2	3
SAN JOAQUIN	71	7	6	4	1	6	5	5	5	3	15	10	4
SAN LUIS OBISPO	15	-	2	1	3	1	-	1	-	1	3	-	3
SAN MATEO	39	1	4	1	5	7	1	2	5	4	3	4	2
SANTA BARBARA	26	-	2	2	2	4	2	2	3	5	1	2	1
SANTA CLARA	109	8	15	9	8	5	6	7	11	11	8	12	9
SANTA CRUZ	13	1	2	-	1	-	4	1	-	1	-	-	3
SHASTA	12	2	2	-	-	-	-	2	4	-	1	1	-
SIERRA	-	-	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	3	1	-	-	1	-	-	1	-	-	-	-	-
SOLANO	25	3	6	3	-	3	1	2	1	-	1	3	2
SONOMA	21	2	2	5	1	-	-	2	-	-	2	4	3
STANISLAUS	56	6	4	7	7	7	4	4	1	2	3	4	7
SUTTER	1	-	-	-	-	-	-	-	1	-	-	-	-
TEHAMA	4	-	1	1	-	1	-	-	-	-	1	-	-
TRINITY	1	-	-	1	-	-	-	-	-	-	-	-	-
TULARE	48	3	3	-	7	2	4	7	3	11	3	2	3
TUOLUMNE	3	-	-	1	-	-	-	-	-	-	1	-	1
VENTURA	60	5	4	6	4	4	7	3	3	6	7	2	9
YOLO	13	1	2	-	-	2	2	2	-	1	1	1	1
YUBA	7	-	1	-	-	1	1	-	-	-	2	2	-

- 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 4-13. INFANT DEATHS BY MONTH OF DEATH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Occurrence)

COUNTY	TOTAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CALIFORNIA	2,855	264	244	240	233	233	220	231	224	253	236	223	254
ALAMEDA	140	7	16	9	10	16	13	16	5	9	11	13	15
Berkeley [1]	36	1	5	2	2	4	3	8	-	2	5	2	2
ALPINE	-	-	-	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTTE	5	-	1	-	-	-	1	-	1	-	1	-	1
CALAVERAS	-	-	-	-	-	-	-	-	-	-	-	-	-
COLUSA	-	-	-	-	-	-	-	-	-	-	-	-	-
CONTRA COSTA	30	1	3	3	1	5	4	2	-	1	5	2	3
DEL NORTE	2	-	-	1	-	-	-	-	-	-	1	-	-
EL DORADO	5	-	-	-	1	1	1	-	-	1	1	-	-
FRESNO	52	7	1	6	4	3	4	6	5	5	6	4	1
GLENN	-	-	-	-	-	-	-	-	-	-	-	-	-
HUMBOLDT	6	-	-	1	-	2	1	-	1	-	-	-	1
IMPERIAL	6	1	1	-	-	-	1	1	-	-	-	2	-
INYO	-	-	-	-	-	-	-	-	-	-	-	-	-
KERN	59	9	5	6	8	2	2	6	5	1	5	5	5
KINGS	4	1	1	-	-	-	-	-	-	1	-	-	1
LAKE	1	-	1	-	-	-	-	-	-	-	-	-	-
LASSEN	1	-	-	-	-	-	-	-	-	-	1	-	-
LOS ANGELES	893	78	61	82	82	71	70	75	77	84	73	55	85
Long Beach [1]	61	3	5	3	7	3	6	3	6	6	7	7	5
Pasadena [1]	27	2	3	-	2	3	3	4	3	3	1	2	1
MADERA	75	6	5	6	4	5	4	5	7	9	7	7	10
MARIN	1	-	-	-	-	-	-	-	1	-	-	-	-
MARIPOSA	1	-	-	-	-	-	-	-	-	1	-	-	-
MENDOCINO	8	-	-	-	1	1	2	1	-	-	-	-	3
MERCED	12	1	2	2	1	2	1	-	1	1	1	-	-
MODOC	1	-	-	1	-	-	-	-	-	-	-	-	-
MONO	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTEREY	19	-	2	1	2	5	4	-	2	1	-	2	-
NAPA	3	-	-	-	1	-	-	1	-	-	1	-	-
NEVADA	3	-	2	-	-	-	-	-	-	1	-	-	-
ORANGE	214	29	13	16	17	21	14	19	14	17	12	17	25
PLACER	6	-	1	2	-	-	-	-	-	-	2	-	1
PLUMAS	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	68	5	6	4	5	6	6	3	10	4	7	6	6
SACRAMENTO	172	21	17	12	5	20	15	15	9	11	17	17	13
SAN BENITO	1	-	-	-	-	1	-	-	-	-	-	-	-
SAN BERNARDINO	227	23	25	16	16	13	14	22	15	27	17	22	17
SAN DIEGO	265	32	17	21	26	16	22	24	27	24	25	17	14
SAN FRANCISCO	113	13	14	9	10	10	8	3	10	9	7	9	11
SAN JOAQUIN	33	4	5	2	-	4	1	1	4	2	4	5	1
SAN LUIS OBISPO	15	-	1	1	3	1	-	1	-	1	3	3	1
SAN MATEO	17	-	-	-	3	3	-	2	2	2	2	2	1
SANTA BARBARA	19	-	2	2	-	3	2	1	2	4	1	1	1
SANTA CLARA	174	9	21	11	16	11	11	10	18	21	13	17	16
SANTA CRUZ	7	1	1	-	-	-	3	-	-	-	-	-	2
SHASTA	14	2	1	2	-	1	1	2	4	-	1	-	-
SIERRA	-	-	-	-	-	-	-	-	-	-	-	-	-
SISKIYOU	3	-	-	-	1	-	1	1	-	-	-	-	-
SOLANO	17	1	5	4	-	-	1	2	-	-	-	2	2
SONOMA	14	-	3	3	1	-	1	1	-	-	1	2	2
STANISLAUS	58	7	5	8	8	5	3	5	-	3	2	5	7
SUTTER	1	-	-	-	-	1	-	-	-	-	-	-	-
TEHAMA	2	-	-	1	-	-	-	-	-	-	1	-	-
TRINITY	1	-	-	1	-	-	-	-	-	-	-	-	-
TULARE	28	2	2	-	4	1	2	3	2	8	1	2	1
TUOLUMNE	1	-	-	1	-	-	-	-	-	-	-	-	-
VENTURA	50	4	3	6	3	3	6	2	2	5	6	2	8
YOLO	4	-	-	-	-	-	-	1	-	-	1	2	-
YUBA	4	-	1	-	-	-	1	-	-	-	-	2	-

- 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 4-14. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA COUNTIES, 2001 (By Place of Residence)

COUNTY AND RACE/ETHNIC GROUP	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CALIFORNIA	2,815	1,545	1,270	1,889	1,049	840	926	496	430
HISPANIC	1,313	723	590	886	505	381	427	218	209
NON-HISPANIC									
2 OR MORE RACE GROUPS	54	31	23	30	13	17	24	18	6
AMERICAN INDIAN	14	12	2	7	7	-	7	5	2
ASIAN	211	117	94	133	74	59	78	43	35
BLACK	390	197	193	268	133	135	122	64	58
PACIFIC ISLANDER	15	11	4	8	6	2	7	5	2
WHITE/OTHER	813	452	361	552	309	243	261	143	118
UNKNOWN	5	2	3	5	2	3	-	-	-
ALAMEDA	133	77	56	89	51	38	44	26	18
HISPANIC	34	21	13	22	14	8	12	7	5
NON-HISPANIC									
2 OR MORE RACE GROUPS	3	-	3	1	-	1	2	-	2
ASIAN	25	16	9	16	11	5	9	5	4
BLACK	45	25	20	31	16	15	14	9	5
PACIFIC ISLANDER	1	-	1	1	-	1	-	-	-
WHITE/OTHER	25	15	10	18	10	8	7	5	2
ALPINE	-	-	-	-	-	-	-	-	-
AMADOR	1	1	-	1	1	-	-	-	-
HISPANIC	1	1	-	1	1	-	-	-	-
BUTTE	10	5	5	6	4	2	4	1	3
HISPANIC	2	2	-	2	2	-	-	-	-
NON-HISPANIC									
WHITE/OTHER	8	3	5	4	2	2	4	1	3
CALAVERAS	2	1	1	2	1	1	-	-	-
NON-HISPANIC									
WHITE/OTHER	2	1	1	2	1	1	-	-	-
COLUSA	1	-	1	-	-	-	1	-	1
HISPANIC	1	-	1	-	-	-	1	-	1
CONTRA COSTA	53	29	24	32	18	14	21	11	10
HISPANIC	14	6	8	8	5	3	6	1	5
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	1	1	-	-	-	-
ASIAN	7	3	4	3	2	1	4	1	3
BLACK	7	3	4	3	1	2	4	2	2
PACIFIC ISLANDER	2	2	-	-	-	-	2	2	-
WHITE/OTHER	22	14	8	17	9	8	5	5	-
DEL NORTE	3	3	-	1	1	-	2	2	-
NON-HISPANIC									
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
WHITE/OTHER	2	2	-	-	-	-	2	2	-
EL DORADO	9	6	3	6	5	1	3	1	2
HISPANIC	2	2	-	2	2	-	-	-	-
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	-	1	-	-	-	1	-	1
ASIAN	1	1	-	1	1	-	-	-	-
WHITE/OTHER	5	3	2	3	2	1	2	1	1
FRESNO	74	45	29	44	30	14	30	15	15
HISPANIC	38	21	17	22	14	8	16	7	9
NON-HISPANIC									
2 OR MORE RACE GROUPS	2	1	1	-	-	-	2	1	1
ASIAN	6	4	2	2	1	1	4	3	1
BLACK	9	5	4	8	4	4	1	1	-
WHITE/OTHER	19	14	5	12	11	1	7	3	4
GLENN	-	-	-	-	-	-	-	-	-

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TABLE 4-14. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA COUNTIES, 2001 (By Place of Residence) - Cont.

COUNTY AND RACE/ETHNIC GROUP	INFANT			NEONATAL [1]			POSTNEONATAL[2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
HUMBOLDT	6	1	5	2	1	1	4	-	4
NON-HISPANIC									
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
WHITE/OTHER	5	1	4	2	1	1	3	-	3
IMPERIAL	14	10	4	9	7	2	5	3	2
HISPANIC	11	9	2	8	7	1	3	2	1
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
WHITE/OTHER	2	-	2	1	-	1	1	-	1
INYO	2	1	1	2	1	1	-	-	-
NON-HISPANIC									
WHITE/OTHER	2	1	1	2	1	1	-	-	-
KERN	77	43	34	46	30	16	31	13	18
HISPANIC	41	21	20	26	15	11	15	6	9
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
ASIAN	1	-	1	-	-	-	1	-	1
BLACK	9	5	4	6	4	2	3	1	2
WHITE/OTHER	24	15	9	14	11	3	10	4	6
KINGS	9	4	5	4	2	2	5	2	3
HISPANIC	6	1	5	2	-	2	4	1	3
NON-HISPANIC									
BLACK	2	2	2	2	2	-	-	-	-
WHITE/OTHER	1	1	-	-	-	-	1	1	-
LAKE	4	3	1	2	2	-	2	1	1
HISPANIC	1	-	1	-	-	-	1	-	1
NON-HISPANIC									
WHITE/OTHER	3	3	-	2	2	-	1	1	-
LASSEN	4	2	2	3	2	1	1	-	1
HISPANIC	1	1	-	1	1	-	-	-	-
NON-HISPANIC									
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
WHITE/OTHER	2	1	1	2	1	1	-	-	-
LOS ANGELES	828	447	381	551	298	253	277	149	128
HISPANIC	491	276	215	325	189	136	166	87	79
NON-HISPANIC									
2 OR MORE RACE GROUPS	6	5	1	3	2	1	3	3	-
ASIAN	56	29	27	40	19	21	16	10	6
BLACK	139	67	72	90	42	48	49	25	24
PACIFIC ISLANDER	1	-	1	-	-	-	1	-	1
WHITE/OTHER	132	70	62	90	46	44	42	24	18
UNKNOWN	3	-	3	3	-	3	-	-	-
MADERA	13	7	6	7	4	3	6	3	3
HISPANIC	7	4	3	5	3	2	2	1	1
NON-HISPANIC									
BLACK	1	-	1	-	-	-	1	-	1
WHITE/OTHER	5	3	2	2	1	1	3	2	1
MARIN	8	3	5	5	2	3	3	1	2
NON-HISPANIC									
ASIAN	1	-	1	-	-	-	1	-	1
WHITE/OTHER	7	3	4	5	2	3	2	1	1
MARIPOSA	1	1	-	-	-	-	1	1	-
NON-HISPANIC									
WHITE/OTHER	1	1	-	-	-	-	1	1	-

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TABLE 4-14. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA COUNTIES, 2001 (By Place of Residence) - Cont.

COUNTY AND RACE/ETHNIC GROUP	INFANT			NEONATAL [1]			POSTNEONATAL[2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MENDOCINO	10	6	4	5	3	2	5	3	2
HISPANIC	4	1	3	3	1	2	1	-	1
NON-HISPANIC									
AMERICAN INDIAN	2	2	-	1	1	-	1	1	-
WHITE/OTHER	4	3	1	1	1	-	3	2	1
MERCED	21	12	9	15	8	7	6	4	2
HISPANIC	11	7	4	7	4	3	4	3	1
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
ASIAN	1	-	1	1	-	1	-	-	-
BLACK	2	-	2	1	-	1	1	-	1
WHITE/OTHER	6	4	2	6	4	2	-	-	-
MODOC	1	-	1	-	-	-	1	-	1
HISPANIC	1	-	1	-	-	-	1	-	1
MONO	-	-	-	-	-	-	-	-	-
MONTEREY	39	23	16	31	18	13	8	5	3
HISPANIC	29	16	13	23	13	10	6	3	3
NON-HISPANIC									
2 OR MORE RACE GROUPS	2	-	2	2	-	2	-	-	-
BLACK	2	2	-	2	2	-	-	-	-
WHITE/OTHER	6	5	1	4	3	1	2	2	-
NAPA	3	3	-	1	1	-	2	2	-
HISPANIC	1	1	-	-	-	-	1	1	-
NON-HISPANIC									
BLACK	1	1	-	-	-	-	1	1	-
WHITE/OTHER	1	1	-	1	1	-	-	-	-
NEVADA	3	1	2	1	-	1	2	1	1
HISPANIC	1	-	1	-	-	-	1	-	1
NON-HISPANIC									
WHITE/OTHER	2	1	1	1	-	1	1	1	-
ORANGE	206	118	88	153	93	60	53	25	28
HISPANIC	96	57	39	75	48	27	21	9	12
NON-HISPANIC									
2 OR MORE RACE GROUPS	5	3	2	3	1	2	2	2	-
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
ASIAN	16	12	4	8	8	-	8	4	4
BLACK	10	5	5	6	3	3	4	2	2
WHITE/OTHER	78	40	38	61	33	28	17	7	10
PLACER	15	9	6	10	7	3	5	2	3
HISPANIC	6	5	1	5	4	1	1	1	-
NON-HISPANIC									
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
WHITE/OTHER	7	2	5	3	1	2	4	1	3
PLUMAS	-	-	-	-	-	-	-	-	-
RIVERSIDE	114	65	49	69	42	27	45	23	22
HISPANIC	57	32	25	34	20	14	23	12	11
NON-HISPANIC									
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
ASIAN	3	2	1	1	1	-	2	1	1
BLACK	13	7	6	11	7	4	2	-	2
WHITE/OTHER	40	23	17	22	13	9	18	10	8

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TABLE 4-14. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA COUNTIES, 2001 (By Place of Residence) - Cont.

COUNTY AND RACE/ETHNIC GROUP	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SACRAMENTO	117	63	54	72	38	34	45	25	20
HISPANIC	23	9	14	14	5	9	9	4	5
NON-HISPANIC									
2 OR MORE RACE GROUPS	2	2	-	2	2	-	-	-	-
ASIAN	9	4	5	6	2	4	3	2	1
BLACK	33	19	14	19	12	7	14	7	7
PACIFIC ISLANDER	3	3	-	1	1	-	2	2	-
WHITE/OTHER	47	26	21	30	16	14	17	10	7
SAN BENITO	4	2	2	2	1	1	2	1	1
HISPANIC	3	2	1	2	1	1	1	1	-
NON-HISPANIC									
WHITE/OTHER	1	-	1	-	-	-	1	-	1
SAN BERNARDINO	226	119	107	154	78	76	72	41	31
HISPANIC	103	49	54	70	34	36	33	15	18
NON-HISPANIC									
2 OR MORE RACE GROUPS	2	1	1	-	-	-	2	1	1
ASIAN	6	4	2	3	2	1	3	2	1
BLACK	45	21	24	37	16	21	8	5	3
PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
WHITE/OTHER	68	42	26	42	24	18	26	18	8
UNKNOWN	1	1	-	1	1	-	-	-	-
SAN DIEGO	246	132	114	180	93	87	66	39	27
HISPANIC	93	52	41	61	32	29	32	20	12
NON-HISPANIC									
2 OR MORE RACE GROUPS	10	6	4	7	3	4	3	3	-
AMERICAN INDIAN	2	2	-	1	1	-	1	1	-
ASIAN	25	14	11	17	10	7	8	4	4
BLACK	34	17	17	30	15	15	4	2	2
PACIFIC ISLANDER	1	-	1	1	-	1	-	-	-
WHITE/OTHER	80	40	40	62	31	31	18	9	9
UNKNOWN	1	1	-	1	1	-	-	-	-
SAN FRANCISCO	31	17	14	21	11	10	10	6	4
HISPANIC	10	5	5	8	5	3	2	-	2
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
ASIAN	4	2	2	4	2	2	-	-	-
BLACK	8	6	2	4	2	2	4	4	-
PACIFIC ISLANDER	2	1	1	1	1	-	1	-	1
WHITE/OTHER	6	2	4	4	1	3	2	1	1
SAN JOAQUIN	71	40	31	51	30	21	20	10	10
HISPANIC	28	13	15	21	12	9	7	1	6
NON-HISPANIC									
2 OR MORE RACE GROUPS	3	1	2	1	-	1	2	1	1
ASIAN	6	4	2	3	1	2	3	3	-
BLACK	7	2	5	5	1	4	2	1	1
WHITE/OTHER	27	20	7	21	16	5	6	4	2
SAN LUIS OBISPO	15	8	7	9	5	4	6	3	3
HISPANIC	5	2	3	4	2	2	1	-	1
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
ASIAN	1	1	-	-	-	-	1	1	-
WHITE/OTHER	8	4	4	5	3	2	3	1	2
SAN MATEO	39	24	15	28	19	9	11	5	6
HISPANIC	15	9	6	13	8	5	2	1	1
NON-HISPANIC									
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
ASIAN	11	7	4	6	5	1	5	2	3
WHITE/OTHER	12	7	5	8	5	3	4	2	2

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TABLE 4-14. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA COUNTIES, 2001 (By Place of Residence) - Cont.

COUNTY AND RACE/ETHNIC GROUP	INFANT			NEONATAL [1]			POSTNEONATAL[2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SANTA BARBARA	26	16	10	19	13	6	7	3	4
HISPANIC	14	10	4	10	8	2	4	2	2
NON-HISPANIC									
ASIAN	2	2	-	2	2	-	-	-	-
BLACK	2	-	2	1	-	1	1	-	1
WHITE/OTHER	8	4	4	6	3	3	2	1	1
SANTA CLARA	109	60	49	69	38	31	40	22	18
HISPANIC	41	26	15	25	16	9	16	10	6
NON-HISPANIC									
2 OR MORE RACE GROUPS	2	1	1	2	1	1	-	-	-
ASIAN	21	8	13	15	4	11	6	4	2
BLACK	9	4	5	6	4	2	3	-	3
PACIFIC ISLANDER	1	1	-	-	-	-	1	1	-
WHITE/OTHER	35	20	15	21	13	8	14	7	7
SANTA CRUZ	13	4	9	5	1	4	8	3	5
HISPANIC	6	3	3	2	-	2	4	3	1
NON-HISPANIC									
ASIAN	1	-	1	-	-	-	1	-	1
WHITE/OTHER	6	1	5	3	1	2	3	-	3
SHASTA	12	5	7	4	1	3	8	4	4
HISPANIC	3	1	2	-	-	-	3	1	2
NON-HISPANIC									
ASIAN	1	1	-	-	-	-	1	1	-
WHITE/OTHER	8	3	5	4	1	3	4	2	2
SIERRA	-	-	-	-	-	-	-	-	-
SISKIYOU	3	2	1	2	1	1	1	1	-
NON-HISPANIC									
WHITE/OTHER	3	2	1	2	1	1	1	1	-
SOLANO	25	15	10	17	9	8	8	6	2
HISPANIC	7	3	4	5	2	3	2	1	1
NON-HISPANIC									
2 OR MORE RACE GROUPS	4	2	2	3	1	2	1	1	-
BLACK	6	3	3	3	1	2	3	2	1
WHITE/OTHER	8	7	1	6	5	1	2	2	-
SONOMA	21	12	9	16	8	8	5	4	1
HISPANIC	10	5	5	8	3	5	2	2	-
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
WHITE/OTHER	9	5	4	8	5	3	1	-	1
STANISLAUS	56	27	29	43	19	24	13	8	5
HISPANIC	22	9	13	17	6	11	5	3	2
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	1	1	-	-	-	-
ASIAN	2	1	1	2	1	1	-	-	-
BLACK	3	1	2	2	-	2	1	1	-
PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
WHITE/OTHER	27	14	13	20	10	10	7	4	3
SUTTER	1	1	-	-	-	-	1	1	-
NON-HISPANIC									
WHITE/OTHER	1	1	-	-	-	-	1	1	-
TEHAMA	4	2	2	3	1	2	1	1	-
HISPANIC	1	-	1	1	-	1	-	-	-
NON-HISPANIC									
WHITE/OTHER	3	2	1	2	1	1	1	1	-
TRINITY	1	-	1	-	-	-	1	-	1
WHITE/OTHER	1	-	1	-	-	-	1	-	1

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TABLE 4-14. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE/ETHNIC GROUP* OF CHILD, CALIFORNIA COUNTIES, 2001 (By Place of Residence) - Cont.

COUNTY AND RACE/ETHNIC GROUP	INFANT			NEONATAL [1]			POSTNEONATAL[2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TULARE	48	34	14	34	24	10	14	10	4
HISPANIC	29	22	7	20	15	5	9	7	2
NON-HISPANIC									
2 OR MORE RACE GROUPS	1	1	-	1	1	-	-	-	-
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
ASIAN	1	1	-	1	1	-	-	-	-
BLACK	1	1	-	-	-	-	1	1	-
WHITE/OTHER	15	8	7	11	6	5	4	2	2
TUOLUMNE	3	1	2	2	1	1	1	-	1
WHITE/OTHER	3	1	2	2	1	1	1	-	1
VENTURA	60	28	32	51	23	28	9	5	4
HISPANIC	37	16	21	31	12	19	6	4	2
NON-HISPANIC									
2 OR MORE RACE GROUPS	2	-	2	2	-	2	-	-	-
ASIAN	2	1	1	1	1	-	1	-	1
BLACK	1	1	-	1	1	-	-	-	-
PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
WHITE/OTHER	17	9	8	15	8	7	2	1	1
YOLO	13	4	9	8	3	5	5	1	4
HISPANIC	6	2	4	3	1	2	3	1	2
NON-HISPANIC									
ASIAN	1	-	1	1	-	1	-	-	-
BLACK	1	-	1	-	-	-	1	-	1
WHITE/OTHER	5	2	3	4	2	2	1	-	1
YUBA	7	3	4	2	-	2	5	3	2
HISPANIC	1	1	-	-	-	-	1	1	-
2 OR MORE RACE GROUPS	1	-	1	1	-	1	-	-	-
ASIAN	1	-	1	-	-	-	1	-	1
WHITE/OTHER	4	2	2	1	-	1	3	2	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.

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic, 2 or more race groups, and single races.
American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

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TABLE 4-15. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE * OF CHILD, CALIFORNIA COUNTIES, 2001
(By Place of Residence)

COUNTY AND RACE	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CALIFORNIA	2,815	1,545	1,270	1,889	1,049	840	926	496	430
2 OR MORE RACE GROUPS	70	35	35	42	17	25	28	18	10
AMERICAN INDIAN	18	12	6	9	7	2	9	5	4
BLACK	401	202	199	275	134	141	126	68	58
CAMBODIAN	7	2	5	5	2	3	2	-	2
CHINESE	34	19	15	14	8	6	20	11	9
ESKIMO/ALEUT	-	-	-	-	-	-	-	-	-
FILIPINO	72	43	29	44	26	18	28	17	11
GUAMANIAN	-	-	-	-	-	-	-	-	-
HAWAIIAN	1	-	1	-	-	-	1	-	1
HMONG	9	3	6	4	-	4	5	3	2
INDIAN (INDIA)	27	17	10	23	16	7	4	1	3
JAPANESE	6	3	3	5	2	3	1	1	-
KOREAN	14	10	4	9	8	1	5	2	3
LAOTIAN	7	4	3	6	3	3	1	1	-
SAMOAN	6	4	2	3	2	1	3	2	1
THAI	2	2	-	1	1	-	1	1	-
VIETNAMESE	25	12	13	15	7	8	10	5	5
WHITE	2,093	1,164	929	1,416	808	608	677	356	321
OTHER PACIFIC ISLANDER	9	8	1	5	4	1	4	4	-
OTHER ASIAN	9	3	6	8	2	6	1	1	-
OTHER	-	-	-	-	-	-	-	-	-
UNKNOWN	5	2	3	5	2	3	-	-	-
ALAMEDA	133	77	56	89	51	38	44	26	18
2 OR MORE RACE GROUPS	3	-	3	1	-	1	2	-	2
BLACK	45	25	20	31	16	15	14	9	5
CHINESE	11	8	3	5	4	1	6	4	2
FILIPINO	5	3	2	3	2	1	2	1	1
INDIAN (INDIA)	7	5	2	6	5	1	1	-	1
WHITE	59	36	23	40	24	16	19	12	7
OTHER PACIFIC ISLANDER	1	-	1	1	-	1	-	-	-
OTHER ASIAN	2	-	2	2	-	2	-	-	-
ALPINE	-	-	-	-	-	-	-	-	-
AMADOR	1	1	-	1	1	-	-	-	-
WHITE	1	1	-	1	1	-	-	-	-
BUTTE	10	5	5	6	4	2	4	1	3
WHITE	10	5	5	6	4	2	4	1	3
CALAVERAS	2	1	1	2	1	1	-	-	-
WHITE	2	1	1	2	1	1	-	-	-
COLUSA	1	-	1	-	-	-	1	-	1
WHITE	1	-	1	-	-	-	1	-	1
CONTRA COSTA	53	29	24	32	18	14	21	11	10
2 OR MORE RACE GROUPS	2	1	1	1	1	-	1	-	1
BLACK	7	3	4	3	1	2	4	2	2
FILIPINO	5	3	2	3	3	-	2	-	2
INDIAN (INDIA)	2	1	1	-	-	-	2	1	1
LAOTIAN	1	-	1	1	-	1	-	-	-
WHITE	34	19	15	24	13	11	10	6	4
OTHER PACIFIC ISLANDER	2	2	-	-	-	-	2	2	-
DEL NORTE	3	3	-	1	1	-	2	2	-
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
WHITE	2	2	-	-	-	-	2	2	-
EL DORADO	9	6	3	6	5	1	3	1	2
2 OR MORE RACE GROUPS	1	-	1	-	-	-	1	-	1
INDIAN (INDIA)	1	1	-	1	1	-	-	-	-
WHITE	7	5	2	5	4	1	2	1	1
FRESNO	74	45	29	44	30	14	30	15	15
2 OR MORE RACE GROUPS	2	1	1	-	-	-	2	1	1
BLACK	10	5	5	9	4	5	1	1	-
CAMBODIAN	2	-	2	1	-	1	1	-	1
HMONG	3	3	-	-	-	-	3	3	-
LAOTIAN	1	1	-	1	1	-	-	-	-
WHITE	56	35	21	33	25	8	23	10	13
GLENN	-	-	-	-	-	-	-	-	-

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TABLE 4-15. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE * OF CHILD, CALIFORNIA COUNTIES, 2001
(By Place of Residence) - Cont.

COUNTY AND RACE	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
HUMBOLDT	6	1	5	2	1	1	4	-	4
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
WHITE	5	1	4	2	1	1	3	-	3
IMPERIAL	14	10	4	9	7	2	5	3	2
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
WHITE	13	9	4	9	7	2	4	2	2
INYO	2	1	1	2	1	1	-	-	-
WHITE	2	1	1	2	1	1	-	-	-
KERN	77	43	34	46	30	16	31	13	18
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
BLACK	11	5	6	8	4	4	3	1	2
FILIPINO	1	-	1	-	-	-	1	-	1
WHITE	63	36	27	38	26	12	25	10	15
KINGS	9	4	5	4	2	2	5	2	3
BLACK	2	2	-	2	2	-	-	-	-
WHITE	7	2	5	2	-	2	5	2	3
LAKE	4	3	1	2	2	-	2	1	1
WHITE	4	3	1	2	2	-	2	1	1
LASSEN	4	2	2	3	2	1	1	-	1
AMERICAN INDIAN	1	-	1	-	-	-	1	-	1
WHITE	3	2	1	3	2	1	-	-	-
LOS ANGELES	828	447	381	551	298	253	277	149	128
2 OR MORE RACE GROUPS	9	7	2	6	4	2	3	3	-
BLACK	142	69	73	91	42	49	51	27	24
CAMBODIAN	1	-	1	-	-	-	1	-	1
CHINESE	10	5	5	6	3	3	4	2	2
FILIPINO	19	10	9	13	6	7	6	4	2
INDIAN (INDIA)	5	2	3	5	2	3	-	-	-
JAPANESE	4	1	3	4	1	3	-	-	-
KOREAN	8	6	2	5	4	1	3	2	1
SAMOAN	1	-	1	-	-	-	1	-	1
THAI	1	1	-	-	-	-	1	1	-
VIETNAMESE	5	3	2	4	2	2	1	1	-
WHITE	617	342	275	411	233	178	206	109	97
OTHER ASIAN	3	1	2	3	1	2	-	-	-
UNKNOWN	3	-	3	3	-	3	-	-	-
MADERA	13	7	6	7	4	3	6	3	3
BLACK	1	-	1	-	-	-	1	-	1
WHITE	12	7	5	7	4	3	5	3	2
MARIN	8	3	5	5	2	3	3	1	2
INDIAN (INDIA)	1	-	1	-	-	-	1	-	1
WHITE	7	3	4	5	2	3	2	1	1
MARIPOSA	1	1	-	-	-	-	1	1	-
WHITE	1	1	-	-	-	-	1	1	-
MENDOCINO	10	6	4	5	3	2	5	3	2
AMERICAN INDIAN	2	2	-	1	1	-	1	1	-
WHITE	8	4	4	4	2	2	4	2	2
MERCED	21	12	9	15	8	7	6	4	2
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
BLACK	2	-	2	1	-	1	1	-	1
HMONG	1	-	1	1	-	1	-	-	-
WHITE	17	11	6	13	8	5	4	3	1
MODOC	1	-	1	-	-	-	1	-	1
WHITE	1	-	1	-	-	-	1	-	1
MONO	-	-	-	-	-	-	-	-	-
MONTEREY	39	23	16	31	18	13	8	5	3
2 OR MORE RACE GROUPS	3	1	2	3	1	2	-	-	-
BLACK	2	2	-	2	2	-	-	-	-
WHITE	34	20	14	26	15	11	8	5	3
NAPA	3	3	-	1	1	-	2	2	-
BLACK	1	1	-	-	-	-	1	1	-
WHITE	2	2	-	1	1	-	1	1	-

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TABLE 4-15. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE * OF CHILD, CALIFORNIA COUNTIES, 2001
(By Place of Residence) - Cont.

COUNTY AND RACE	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
NEVADA	3	1	2	1	-	1	2	1	1
WHITE	3	1	2	1	-	1	2	1	1
ORANGE	206	118	88	153	93	60	53	25	28
2 OR MORE RACE GROUPS	6	4	2	4	2	2	2	2	-
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
BLACK	10	5	5	6	3	3	4	2	2
CHINESE	1	1	-	-	-	-	1	1	-
FILIPINO	2	2	-	1	1	-	1	1	-
INDIAN (INDIA)	1	1	-	1	1	-	-	-	-
KOREAN	3	3	-	3	3	-	-	-	-
SAMOAN	1	1	-	-	-	-	1	1	-
VIETNAMESE	9	5	4	3	3	-	6	2	4
WHITE	172	95	77	135	80	55	37	15	22
PLACER	15	9	6	10	7	3	5	2	3
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
BLACK	1	-	1	1	-	1	-	-	-
WHITE	12	7	5	7	5	2	5	2	3
OTHER PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
PLUMAS	-	-	-	-	-	-	-	-	-
RIVERSIDE	114	65	49	69	42	27	45	23	22
2 OR MORE RACE GROUPS	1	-	1	-	-	-	1	-	1
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
BLACK	15	8	7	12	7	5	3	1	2
FILIPINO	2	1	1	-	-	-	2	1	1
VIETNAMESE	1	1	-	1	1	-	-	-	-
WHITE	94	54	40	55	33	22	39	21	18
SACRAMENTO	117	63	54	72	38	34	45	25	20
2 OR MORE RACE GROUPS	2	2	-	2	2	-	-	-	-
AMERICAN INDIAN	1	-	1	1	-	1	-	-	-
BLACK	33	19	14	19	12	7	14	7	7
CHINESE	2	2	-	1	1	-	1	1	-
FILIPINO	2	1	1	1	-	1	1	1	-
HMONG	3	-	3	2	-	2	1	-	1
LAOTIAN	1	-	1	1	-	1	-	-	-
VIETNAMESE	1	1	-	1	1	-	-	-	-
WHITE	69	35	34	43	21	22	26	14	12
OTHER PACIFIC ISLANDER	3	3	-	1	1	-	2	2	-
SAN BENITO	4	2	2	2	1	1	2	1	1
WHITE	4	2	2	2	1	1	2	1	1
SAN BERNARDINO	226	119	107	154	78	76	72	41	31
2 OR MORE RACE GROUPS	3	1	2	1	-	1	2	1	1
AMERICAN INDIAN	1	-	1	1	-	1	-	-	-
BLACK	46	22	24	38	17	21	8	5	3
CAMBODIAN	1	1	-	1	1	-	-	-	-
CHINESE	1	1	-	-	-	-	1	1	-
FILIPINO	2	1	1	1	1	-	1	-	1
VIETNAMESE	1	1	-	-	-	-	1	1	-
WHITE	168	90	78	109	57	52	59	33	26
OTHER PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
OTHER ASIAN	1	-	1	1	-	1	-	-	-
UNKNOWN	1	1	-	1	1	-	-	-	-
SAN DIEGO	246	132	114	180	93	87	66	39	27
2 OR MORE RACE GROUPS	14	6	8	9	3	6	5	3	2
AMERICAN INDIAN	2	2	-	1	1	-	1	1	-
BLACK	35	18	17	30	15	15	5	3	2
CHINESE	1	-	1	-	-	-	1	-	1
FILIPINO	14	9	5	10	6	4	4	3	1
JAPANESE	1	1	-	1	1	-	-	-	-
KOREAN	3	1	2	1	1	-	2	-	2
LAOTIAN	3	2	1	2	1	1	1	1	-
SAMOAN	1	-	1	1	-	1	-	-	-
THAI	1	1	-	1	1	-	-	-	-
VIETNAMESE	1	-	1	1	-	1	-	-	-
WHITE	168	91	77	121	63	58	47	28	19
OTHER ASIAN	1	-	1	1	-	1	-	-	-
UNKNOWN	1	1	-	1	1	-	-	-	-

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TABLE 4-15. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE * OF CHILD, CALIFORNIA COUNTIES, 2001
(By Place of Residence) - Cont.

COUNTY AND RACE	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SAN FRANCISCO	31	17	14	21	11	10	10	6	4
2 OR MORE RACE GROUPS	2	1	1	1	-	1	1	1	-
BLACK	8	6	2	4	2	2	4	4	-
CHINESE	1	-	1	1	-	1	-	-	-
FILIPINO	3	2	1	3	2	1	-	-	-
HAWAIIAN	1	-	1	-	-	-	1	-	1
SAMOAN	1	1	-	1	1	-	-	-	-
WHITE	15	7	8	11	6	5	4	1	3
SAN JOAQUIN	71	40	31	51	30	21	20	10	10
2 OR MORE RACE GROUPS	3	1	2	1	-	1	2	1	1
BLACK	7	2	5	5	1	4	2	1	1
FILIPINO	6	4	2	3	1	2	3	3	-
WHITE	55	33	22	42	28	14	13	5	8
SAN LUIS OBISPO	15	8	7	9	5	4	6	3	3
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
JAPANESE	1	1	-	-	-	-	1	1	-
WHITE	13	6	7	9	5	4	4	1	3
SAN MATEO	39	24	15	28	19	9	11	5	6
2 OR MORE RACE GROUPS	1	-	1	1	-	1	-	-	-
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
CHINESE	2	-	2	-	-	-	2	-	2
FILIPINO	6	4	2	3	2	1	3	2	1
INDIAN	2	2	-	2	2	-	-	-	-
WHITE	26	16	10	20	13	7	6	3	3
OTHER ASIAN	1	1	-	1	1	-	-	-	-
SANTA BARBARA	26	16	10	19	13	6	7	3	4
BLACK	2	-	2	1	-	1	1	-	1
FILIPINO	1	1	-	1	1	-	-	-	-
INDIAN (INDIA)	1	1	-	1	1	-	-	-	-
WHITE	22	14	8	16	11	5	6	3	3
SANTA CLARA	109	60	49	69	38	31	40	22	18
2 OR MORE RACE GROUPS	2	1	1	2	1	1	-	-	-
BLACK	9	4	5	6	4	2	3	-	3
CAMBODIAN	2	-	2	2	-	2	-	-	-
CHINESE	4	2	2	1	-	1	3	2	1
FILIPINO	2	1	1	1	-	1	1	1	-
INDIAN	6	4	2	6	4	2	-	-	-
SAMOAN	1	1	-	-	-	-	1	1	-
VIETNAMESE	7	1	6	5	-	5	2	1	1
WHITE	76	46	30	46	29	17	30	17	13
SANTA CRUZ	13	4	9	5	1	4	8	3	5
CHINESE	1	-	1	-	-	-	1	-	1
WHITE	12	4	8	5	1	4	7	3	4
SHASTA	12	5	7	4	1	3	8	4	4
AMERICAN INDIAN	2	-	2	-	-	-	2	-	2
WHITE	9	4	5	4	1	3	5	3	2
OTHER ASIAN	1	1	-	-	-	-	1	1	-
SIERRA	-	-	-	-	-	-	-	-	-
SISKIYOU	3	2	1	2	1	1	1	1	-
WHITE	3	2	1	2	1	1	1	1	-
SOLANO	25	15	10	17	9	8	8	6	2
2 OR MORE RACE GROUPS	6	2	4	5	1	4	1	1	-
BLACK	6	3	3	3	1	2	3	2	1
WHITE	13	10	3	9	7	2	4	3	1
SONOMA	21	12	9	16	8	8	5	4	1
2 OR MORE RACE GROUPS	1	1	-	-	-	-	1	1	-
AMERICAN INDIAN	1	1	-	-	-	-	1	1	-
WHITE	19	10	9	16	8	8	3	2	1
STANISLAUS	56	27	29	43	19	24	13	8	5
2 OR MORE RACE GROUPS	1	1	-	1	1	-	-	-	-
BLACK	3	1	2	2	-	2	1	1	-
CAMBODIAN	1	1	-	1	1	-	-	-	-
INDIAN	1	-	1	1	-	1	-	-	-
WHITE	49	23	26	37	16	21	12	7	5
OTHER PACIFIC ISLANDER	1	1	-	1	1	-	-	-	-
SUTTER	1	1	-	-	-	-	1	1	-
WHITE	1	1	-	-	-	-	1	1	-

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TABLE 4-15. INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY SEX AND RACE * OF CHILD, CALIFORNIA COUNTIES, 2001
(By Place of Residence) - Cont.

COUNTY AND RACE	INFANT			NEONATAL [1]			POSTNEONATAL [2]		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TEHAMA	4	2	2	3	1	2	1	1	-
WHITE	4	2	2	3	1	2	1	1	-
TRINITY	1	-	1	-	-	-	1	-	1
WHITE	1	-	1	-	-	-	1	-	1
TULARE	48	34	14	34	24	10	14	10	4
2 OR MORE RACE GROUPS	1	1	-	1	1	-	-	-	-
AMERICAN INDIAN	1	1	-	1	1	-	-	-	-
BLACK	1	1	-	-	-	-	1	1	-
LAOTIAN	1	1	-	1	1	-	-	-	-
WHITE	44	30	14	31	21	10	13	9	4
TUOLUMNE	3	1	2	2	1	1	1	-	1
WHITE	3	1	2	2	1	1	1	-	1
VENTURA	60	28	32	51	23	28	9	5	4
2 OR MORE RACE GROUPS	2	-	2	2	-	2	-	-	-
BLACK	1	1	-	1	1	-	-	-	-
FILIPINO	2	1	1	1	1	-	1	-	1
SAMOAN	1	1	-	1	1	-	-	-	-
WHITE	54	25	29	46	20	26	8	5	3
YOLO	13	4	9	8	3	5	5	1	4
BLACK	1	-	1	-	-	-	1	-	1
HMONG	1	-	1	1	-	1	-	-	-
WHITE	11	4	7	7	3	4	4	1	3
YUBA	7	3	4	2	-	2	5	3	2
2 OR MORE RACE GROUPS	1	-	1	1	-	1	-	-	-
HMONG	1	-	1	-	-	-	1	-	1
WHITE	5	3	2	1	-	1	4	3	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.

* Beginning in 2000, up to three races were reported on death certificates. The list of races on this table is compiled by identifying decedents who were reported as being of 2 or more race groups before tabulating single races.
These groups are only comparable to the year 2000 data tables. See Chapter 6.

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

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TABLE 4-16. LEADING CAUSES OF INFANT DEATH, CALIFORNIA COUNTIES, 2001 (By Place of Residence)

COUNTY	TOTAL INFANT DEATHS A00-Y89	LEADING CAUSES OF INFANT DEATH						
		Congenital Malformations, Deformations, & Chromosomal Abnormalities Q00-Q99	Disorders of Short Gestation & Low Birthweight P07	Sudden Infant Death Syndrome R95	Respiratory Distress of Newborn P22	Complications of Placenta, Cord & Membrane P02	Effect of Maternal Complications of Pregnancy P01	Bacterial Sepsis of Newborn P36
CALIFORNIA	2,815	712	371	197	98	98	87	71
ALAMEDA	133	29	19	20	1	6	3	6
ALPINE	-	-	-	-	-	-	-	-
AMADOR	1	-	-	-	-	-	-	-
BUTTE	10	2	-	2	-	-	-	-
CALAVERAS	2	1	-	-	-	1	-	-
COLUSA	1	1	-	-	-	-	-	-
CONTRA COSTA	53	13	6	4	1	2	2	-
DEL NORTE	3	-	-	1	-	-	-	-
EL DORADO	9	3	1	-	-	1	-	-
FRESNO	74	14	8	5	6	2	6	1
GLENN	-	-	-	-	-	-	-	-
HUMBOLDT	6	1	-	3	1	-	-	-
IMPERIAL	14	6	-	-	-	-	-	-
INYO	2	1	-	-	1	-	-	-
KERN	77	24	5	5	5	4	1	-
KINGS	9	2	-	4	-	-	-	-
LAKE	4	-	1	1	-	-	-	-
LASSEN	4	1	-	1	-	-	1	-
LOS ANGELES	828	214	141	23	27	23	17	27
MADERA	13	2	2	-	-	1	-	-
MARIN	8	2	2	-	-	-	-	1
MARIPOSA	1	-	-	1	-	-	-	-
MENDOCINO	10	2	1	1	-	-	-	-
MERCED	21	10	-	2	1	2	1	-
MODOC	1	-	-	-	-	-	-	-
MONO	-	-	-	-	-	-	-	-
MONTEREY	39	8	6	1	1	2	3	1
NAPA	3	1	-	1	-	-	-	-
NEVADA	3	-	-	-	-	1	-	-
ORANGE	206	62	18	8	12	8	5	2
PLACER	15	6	1	-	-	1	3	-
PLUMAS	-	-	-	-	-	-	-	-
RIVERSIDE	114	28	9	8	4	3	1	7
SACRAMENTO	117	22	13	17	-	5	6	1
SAN BENITO	4	1	-	-	-	-	-	-
SAN BERNARDINO	226	51	44	18	7	3	10	6
SAN DIEGO	246	71	30	17	7	6	13	3
SAN FRANCISCO	31	4	6	7	1	1	1	1
SAN JOAQUIN	71	15	5	8	3	2	1	4
SAN LUIS OBISPO	15	4	-	1	-	-	-	2
SAN MATEO	39	14	-	4	2	3	-	-
SANTA BARBARA	26	10	1	-	1	4	1	1
SANTA CLARA	109	21	20	8	4	2	1	3
SANTA CRUZ	13	5	-	1	-	-	1	1
SHASTA	12	2	-	3	-	-	-	-
SIERRA	-	-	-	-	-	-	-	-
SISKIYOU	3	2	-	1	-	-	-	-
SOLANO	25	2	3	5	2	-	-	1
SONOMA	21	5	2	1	1	2	2	-
STANISLAUS	56	14	11	2	2	5	5	1
SUTTER	1	-	-	-	-	-	-	-
TEHAMA	4	-	-	-	-	1	-	-
TRINITY	1	-	-	1	-	-	-	-
TULARE	48	8	3	9	6	3	1	-
TUOLUMNE	3	1	-	-	-	-	-	-
VENTURA	60	20	13	3	2	2	2	2
YOLO	13	6	-	-	-	1	-	-
YUBA	7	1	-	-	-	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.

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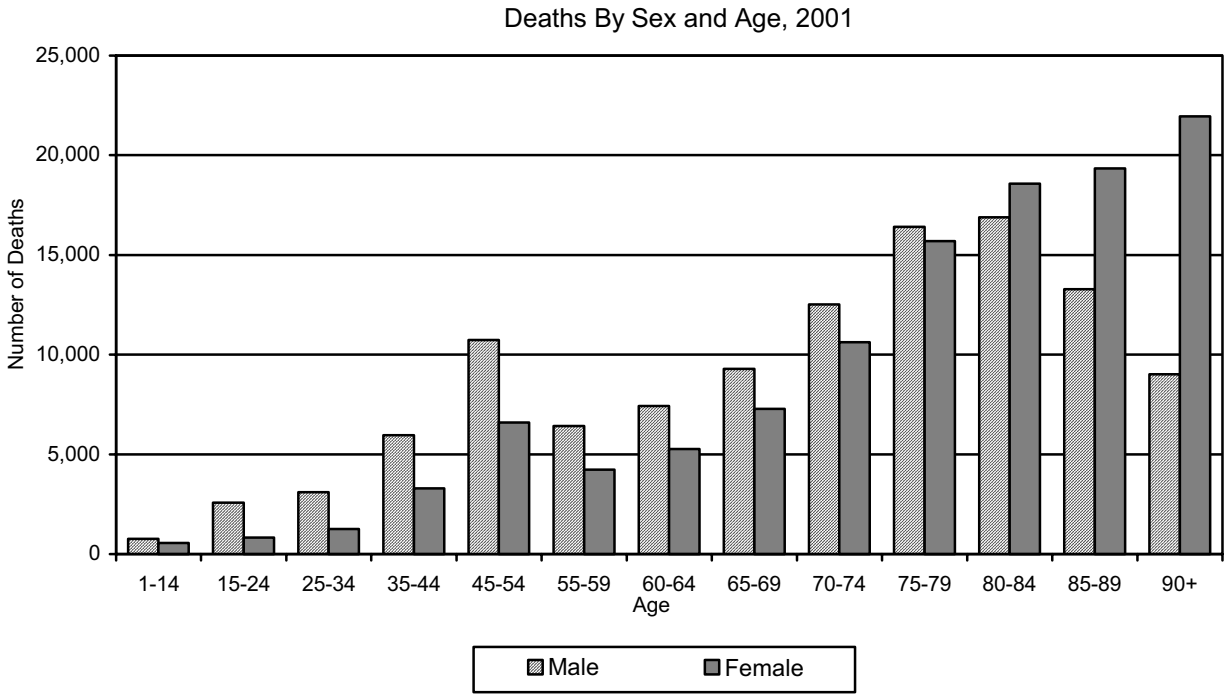
SUMMARY OF MORTALITY

The number of deaths to California residents increased in 2001 by 4,509 to 232,790. During this period the number of male deaths increased by 1,995 to 116,000 deaths, while the number of female deaths increased by 2,514 to 116,790 (Table 5-1).



The number of male deaths in 2001 continued to be greater than the number of female deaths in each age group from 1 to 75-79 years old (Table 5-4). Of the leading causes of death male deaths exceeded female deaths for cancer, accidents, cirrhosis, suicide, and homicide. Female deaths exceeded male deaths for heart diseases, stroke, chronic lower respiratory diseases (CLRD), influenza and pneumonia, diabetes, and Alzheimer's disease. (Table 5-13).

In 2001 there were 30,365 Hispanic deaths, 13.0 percent of all deaths. Among the non-Hispanic decedents, there were 369 deaths of decedents with 2 or more race groups reported, 0.2 percent of all deaths. Among the remaining deaths with a single race group reported, there were 888 deaths of American Indian residents, 14,845 deaths of Asians, 18,021 deaths of Black residents, 561 deaths of Pacific Islanders, and 167,548 deaths of White residents. (Table 5-5).

Among race groups that include residents of Hispanic origin in all race categories, there were 469 deaths of decedents with 2 or more race groups reported, 0.2 percent of all deaths. Among the remaining deaths with a single race reported, 197,439 deaths were White, 18,137 were Black, 4,412 were Chinese, 4,100 were Filipino, and 2,167 were Japanese. These five races comprised 97.2 percent of all deaths in 2001. There were 5,890 deaths in the 15 remaining races; race was not stated for 176 deaths (Table 5-6).

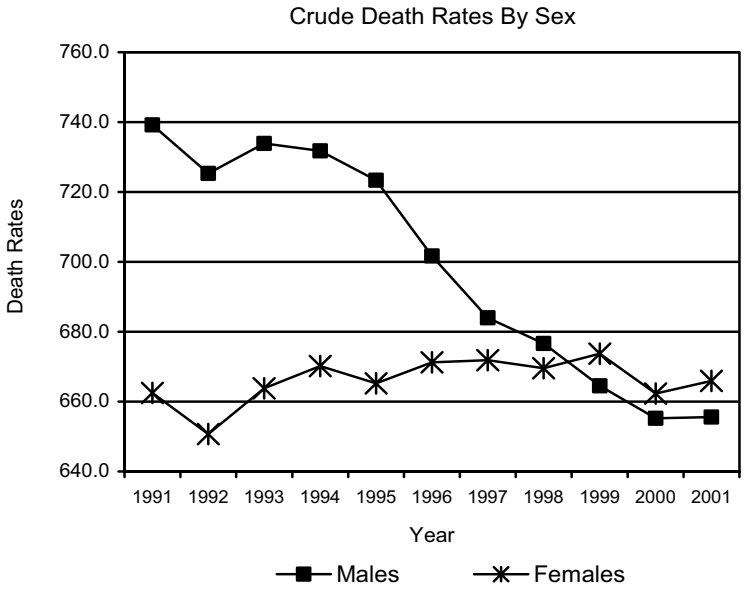
Crude Death Rates

Note: 2001 rates were calculated using population projections released December 1998.

The crude death rate for California residents in 2001 was 660.7, up from 658.8 deaths per 100,000 population in 2000 and down from the rate of 700.9 in 1991 (Table 5-1).

In 2001 the crude death rate for males was 655.6 per 100,000 male population, up 0.1 percent from 655.2 in 2000 and down 11.3 percent from 739.2 in 1991. The female crude death rate was 665.9 in 2001, up 0.5 percent from 662.3 in 2000 and up 0.5 percent from 662.5 in 1991(Table 5-1).

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 1991 to 2001 and female rates increased during 1993 to 1999, before turning down in 2000. However, the chart fails to show the differences related to age groups. For example, 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

Note: 2001 rates were calculated using population projections released December 1998. Population denominators were not available for the new race groups.

The age-specific death rates for both males and females decreased between 2000 and 2001 in the age groups of 1-4, 5-14 and 55-64 through 85 and over and increased in the age groups of 15-24 through 45-54. For males the largest decrease was in the age group of 5-14, dropping 11.7 percent. For females the largest decrease was in the age group of 1-4, down 7.9 percent. The largest increase for males was in the age group of 15-24, up 8.4 percent. The largest increase for females was in the age group of 25-34, up 12.1 percent (Table 5-3).

Male age-specific death rates were higher than the female age-specific death rates for all age groups in 2001. The largest differences by gender were for residents in the age groups 15-19 and 20-24, where males were 2.7 and 3.0 times as likely to die as females in the same age group. Males aged 25-29 were 2.5 times more likely to die than were females in this age group (Table 5-4).

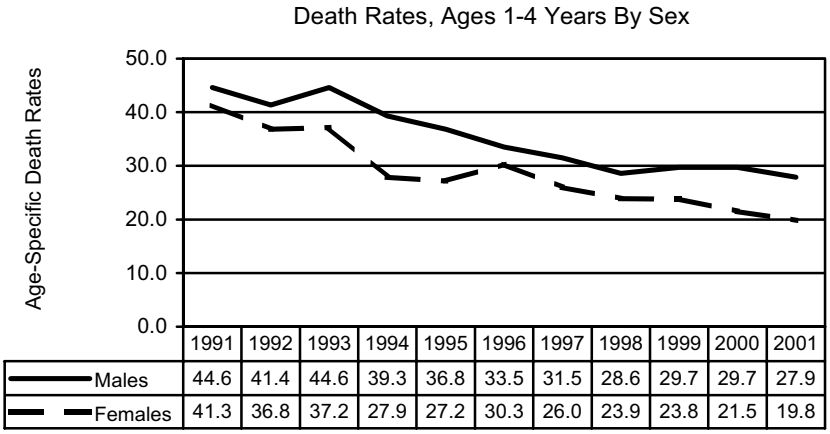
Among Hispanics, the male age-specific death rates were higher than the female age-specific death rates in 2001 in all age groups. The largest differences by gender were for residents in the age groups 15-24 and 25-34, where Hispanic males were 3.6 and 2.4 times as likely to die as Hispanic females in the same age group (Table 5-3A).

Trends in Age-Specific Death Rates by Sex

Note: 1999 -2001 rates were calculated using population projections released December 1998. Please see Chapter 4 infant mortality data.

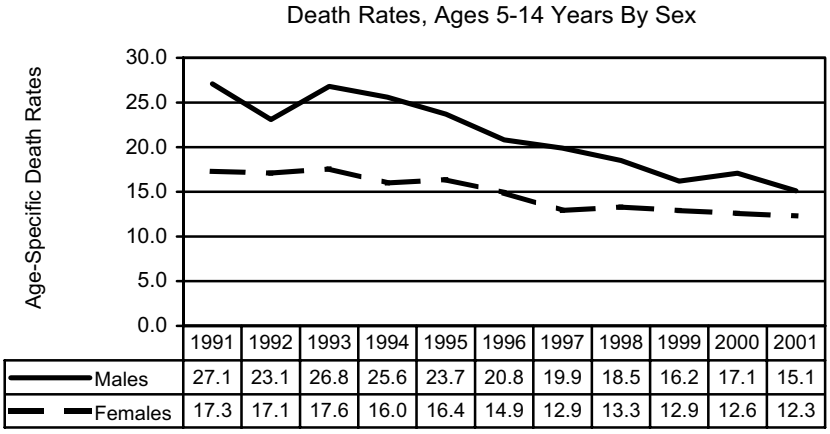
Over the period 1991-2001, male and female death rates by 10-year age groups decreased in all age groups. Although the rate of decline for male rates was greater than for female rates, the age-specific death rates for males remained higher than the rates for females in all 10-year age groups (Table 5-3).

The male death rate for the age group of **1-4** years dropped 37 percent during the period of 1991-2001. The female rate dropped 52 percent. The age-specific death rate for males decreased from 44.6 deaths per 100,000 male population in 1991 to 27.9 in 2001. The female death rate decreased from 41.3 in 1991 to 19.8 in 2001.



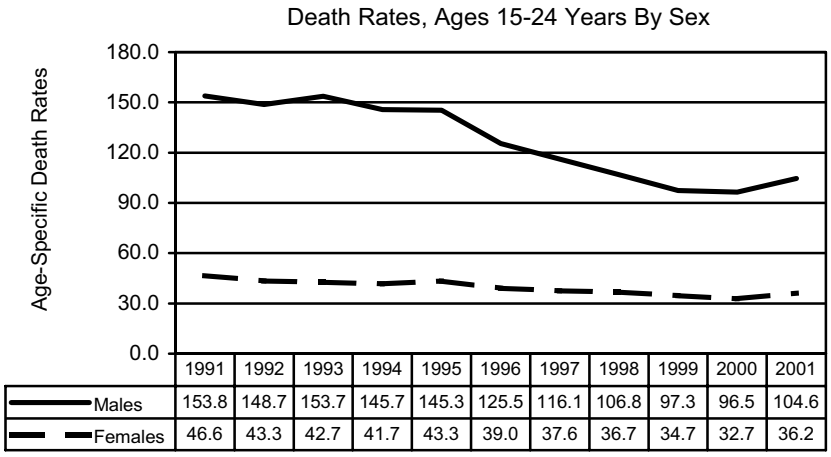
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	44.6	41.4	44.6	39.3	36.8	33.5	31.5	28.6	29.7	29.7	27.9
Females	41.3	36.8	37.2	27.9	27.2	30.3	26.0	23.9	23.8	21.5	19.8

During the period 1991-2001, the male death rate for the age group **5-14** years dropped 44 percent, while the female rate dropped 29 percent. The age-specific death rate for males dropped from 27.1 deaths per 100,000 male population aged 5-14 years in 1991 to 15.1 in 2001. The female death rate dropped from 17.3 to 12.3.



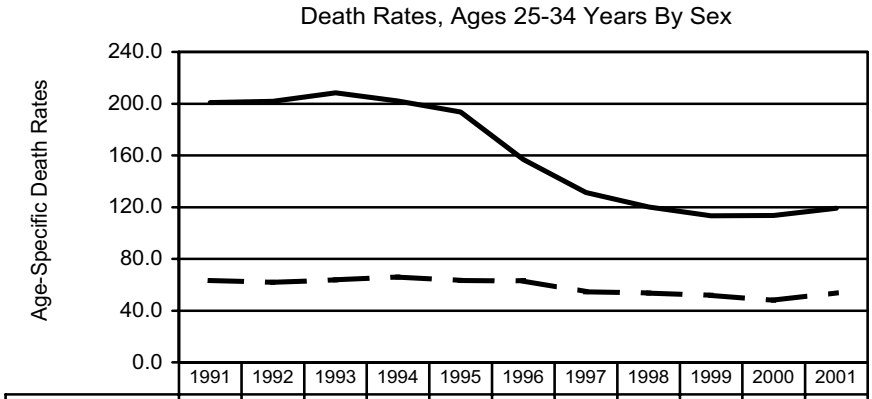
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	27.1	23.1	26.8	25.6	23.7	20.8	19.9	18.5	16.2	17.1	15.1
Females	17.3	17.1	17.6	16.0	16.4	14.9	12.9	13.3	12.9	12.6	12.3

The male death rate for the age group **15-24** years dropped 32 percent between 1991 and 2001 and female rates dropped 22 percent. The age-specific death rate for males dropped from 153.8 in 1991 to 96.5 in 2000 and rose to 104.6 deaths per 100,000 male population in 2001. The female death rate dropped from 46.6 in 1991 to 32.7 in 2000 and rose to 36.2 in 2001.



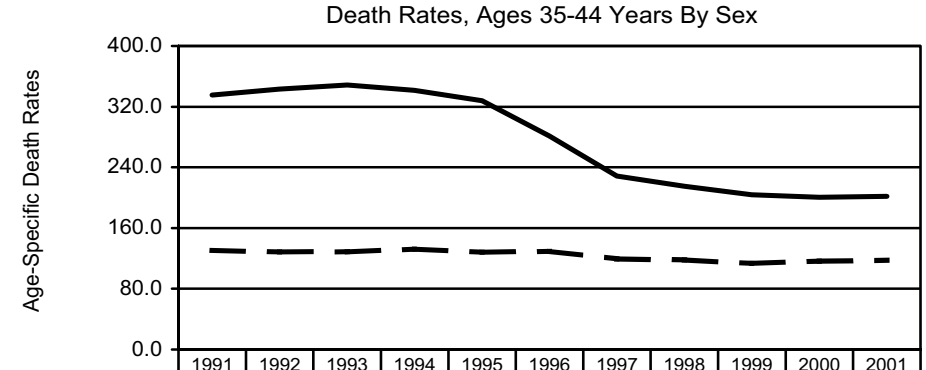
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	153.8	148.7	153.7	145.7	145.3	125.5	116.1	106.8	97.3	96.5	104.6
Females	46.6	43.3	42.7	41.7	43.3	39.0	37.6	36.7	34.7	32.7	36.2

The male death rate for the age group **25-34** years dropped 41 percent from the 1991 level, while the female rate dropped 15 percent. For males, this rate dropped from 200.9 deaths per 100,000 population in 1991 to 113.4 in 1999, moving up to 119.2 in 2001. The female death rate dropped from 63.2 in 1991 to 48.0 in 2000 and increased to 53.8 in 2001.



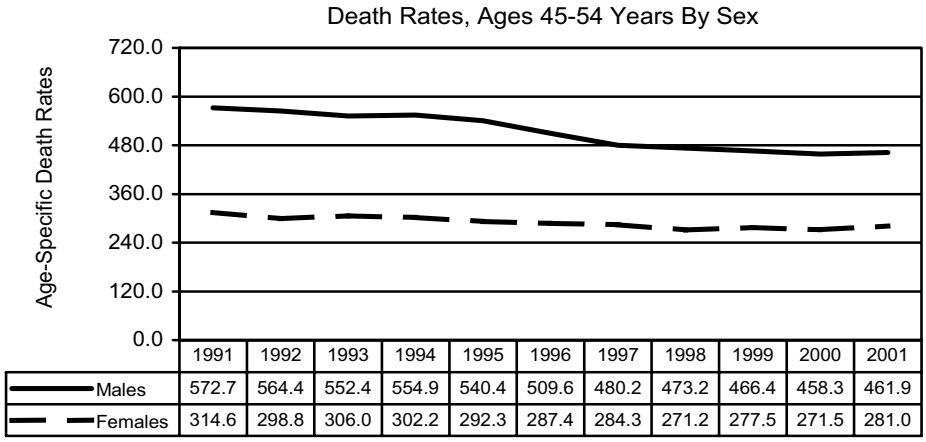
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	200.9	201.8	208.3	202.0	193.5	156.8	131.2	120.2	113.4	113.5	119.2
Females	63.2	61.8	63.6	65.9	63.3	62.9	54.4	53.4	51.9	48.0	53.8

Male death rates for the age group **35-44** years dropped 40 percent from 335.4 per 100,000 population in this age group in 1991 to 201.8 in 2001. Female death rates dropped 10 percent from 130.5 to 117.3 during this period, with a low of 113.5 in 1999.



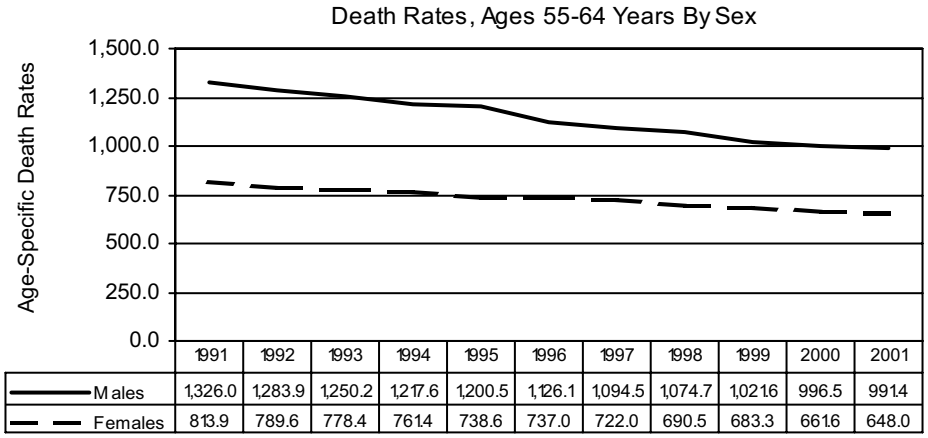
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	335.4	343.3	348.4	341.3	327.6	281.0	228.6	215.1	204.0	200.8	201.8
Females	130.5	128.5	128.3	131.9	128.1	129.0	119.4	118.0	113.5	116.1	117.3

Male death rates for the age group **45-54** years were down 19 percent between 1991 and 2001, while female rates fell 11 percent. Male age-specific death rates dropped from 572.7 in 1991 to 461.9 in 2001. Female death rates dropped from 314.6 to 281.0, with a low of 271.2 in 1998.



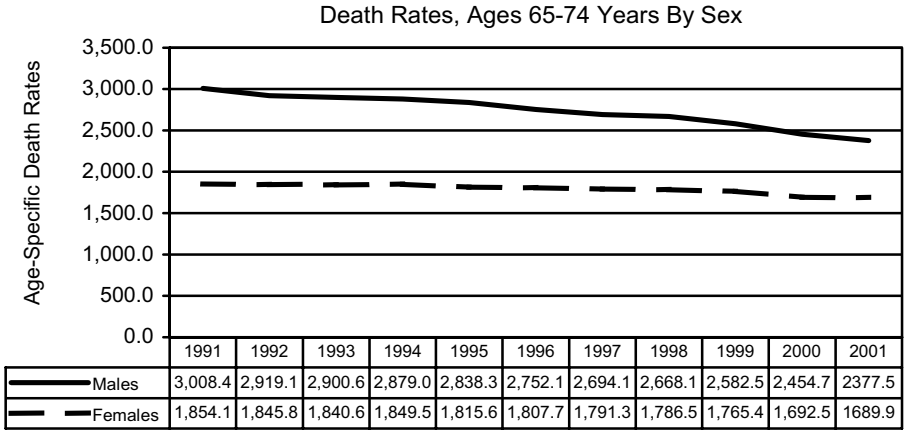
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	572.7	564.4	552.4	554.9	540.4	509.6	480.2	473.2	466.4	458.3	461.9
Females	314.6	298.8	306.0	302.2	292.3	287.4	284.3	271.2	277.5	271.5	281.0

Male death rates for the age group **55-64** years dropped 25 percent between 1991 and 2001, while female rates were down 20 percent. Male age-specific death rates dropped from 1,326.0 in 1991 to 991.4 in 2001. Female death rates dropped from 813.9 to 648.0.



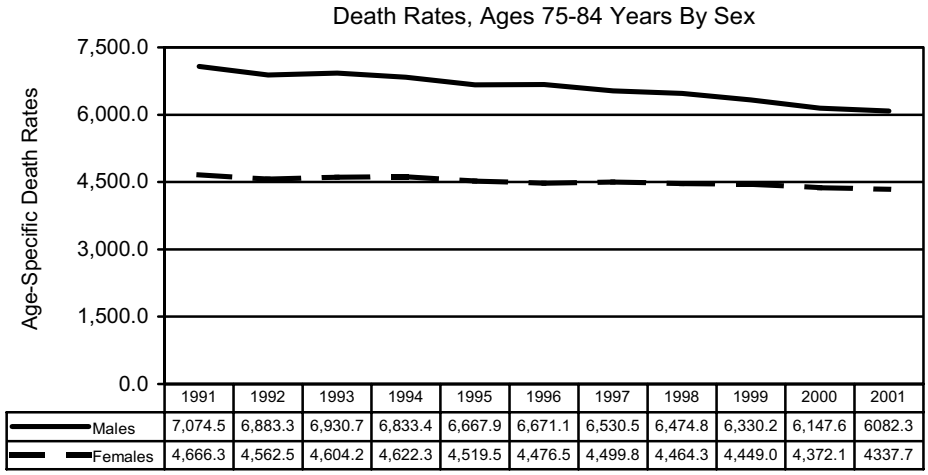
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	1,326.0	1,283.9	1,250.2	1,217.6	1,200.5	1,126.1	1,094.5	1,074.7	1,021.6	996.5	991.4
Females	813.9	789.6	778.4	761.4	738.6	737.0	722.0	690.5	683.3	661.6	648.0

Male death rates for the age group **65-74** years were down 21 percent from 3,008.4 deaths per 100,000 population in this group in 1991 to 2377.5 in 2001. Female death rates were down 9 percent from 1,854.1 to 1689.9.



	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	3,008.4	2,919.1	2,900.6	2,879.0	2,838.3	2,752.1	2,694.1	2,668.1	2,582.5	2,454.7	2377.5
Females	1,854.1	1,845.8	1,840.6	1,849.5	1,815.6	1,807.7	1,791.3	1,786.5	1,765.4	1,692.5	1689.9

Male death rates for the age group **75-84** years dropped 14 percent from 7,074.5 deaths per 100,000 population in this age group in 1991 to 6082.3 in 2001. Female death rates were down 7 percent from 4,666.3 to 4,337.7 during this period.



	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	7,074.5	6,883.3	6,930.7	6,833.4	6,667.9	6,671.1	6,530.5	6,474.8	6,330.2	6,147.6	6082.3
Females	4,666.3	4,562.5	4,604.2	4,622.3	4,519.5	4,476.5	4,499.8	4,464.3	4,449.0	4,372.1	4337.7

Male death rates for the age group **85 years and over** dropped 12 percent from 16,915.0 deaths per 100,000 population in 1991 to 14,913.0 in 2001. Female death rates were down 6 percent from 13,850.7 to 12,954.5
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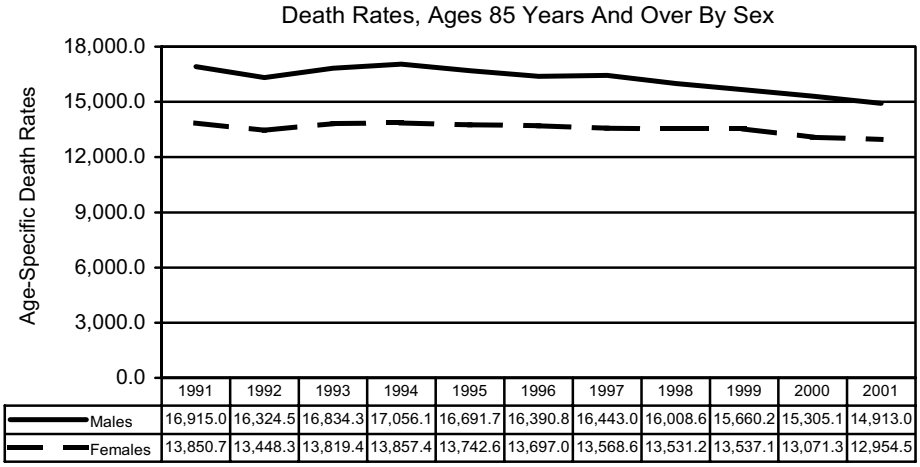


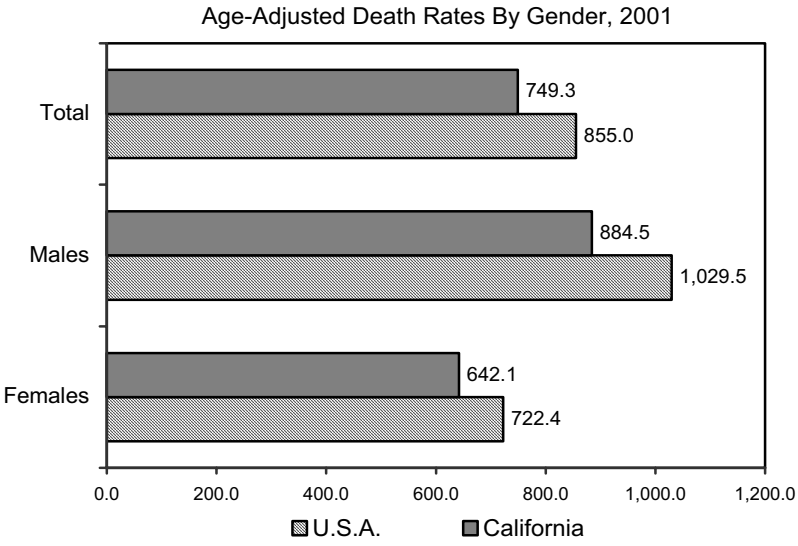
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Males	16,915.0	16,324.5	16,834.3	17,056.1	16,691.7	16,390.8	16,443.0	16,008.6	15,660.2	15,305.1	14,913.0
Females	13,850.7	13,448.3	13,819.4	13,857.4	13,742.6	13,697.0	13,568.6	13,531.2	13,537.1	13,071.3	12,954.5

Age-Adjusted Death Rates

Note: 2001 rates were calculated using California Department of Finance population projections released December 1998. All age-adjusted rates were calculated using the Year 2000 U.S. standard population.

The 2001 age-adjusted death rate for California residents was 749.3 deaths per 100,000 population. This compares to an age-adjusted rate of 855.0 for the United States. California's rate was down 0.8 percent from the 755.3 rate in 2000 and down 14.4 percent from the rate of 875.4 in 1991 (Table 5-1 and Table 1-7).

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 2001 was 884.5 deaths per 100,000 population, 37.8 percent higher than the age-adjusted death rate for California females, 642.1. These rates compare to age-adjusted rates of 1,029.5 for males and 722.4 for females for the United States in 2001.

Leading Causes of Death

Note: 1999 -2001 rates were calculated using population projections released December 1998.

<u>Note I:</u> 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 population for calculations.

Note II: Causes of death for 1999 -2001 were coded using the International Classification of Death, Tenth Revision (ICD-Rev. 10) and are not comparable to data coded under the ICD-Rev. 9. For further information see Chapter 6.

The ten leading causes of death in 2001, accounted for 81.5 percent of all deaths (Table 5-10). The ranking of these ten leading causes was unchanged from 2000.

Leading Causes of Death and Age-Adjusted Rates, California 2001

Rank	Cause of Death	Total Deaths		Age-Adjusted Rates			
		Number	Percent	Total	Males	Females	Male/ Female Ratio
	All Causes	232,790	100.0	749.3	884.5	642.1	1.4
1.	Heart Disease	69,004	29.6	225.9	273.5	188.2	1.4
2.	Cancer	53,810	23.1	173.4	205.3	152.4	1.3
3.	Stroke	18,078	7.8	59.4	60.7	57.9	1.0
4.	Lung Disease (CLRD)	13,056	5.6	43.0	49.2	39.1	1.2
5.	Accidents	9,274	4.0	27.4	38.1	17.2	2.2
6.	Influenza/Pneumonia	8,167	3.5	26.9	32.1	23.6	1.4
7.	Diabetes	6,457	2.8	20.9	23.1	19.2	1.2
8.	Alzheimer's Disease	4,897	2.1	16.3	13.9	17.5	0.8
9.	Cirrhosis	3,759	1.6	11.5	16.2	7.2	2.2
10.	Suicide	3,256	1.4	9.6	15.9	4.0	4.0

There were 12 fewer deaths from stroke, down 0.1 percent. There were 188 fewer deaths from influenza/pneumonia, down 2.2 percent. The number of deaths in 2001 increased for each of the other ten leading causes. Alzheimer's disease had the largest increase, up 11.3 percent (Table 5-7).

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 2.2 and 4.0 times the risk for females for cirrhosis and self-harm/suicide, respectively. The female risk of death exceeded the male risk in 2001 for Alzheimer's disease.

Leading Causes of Death for Males and Females in 2001

Rank	Male Causes	Deaths	Rank	Female Causes	Deaths
1.	Heart Disease	33,924	1.	Heart Disease	35,080
2.	Cancer	27,255	2.	Cancer	26,555
3.	Stroke	7,295	3.	Stroke	10,783
4.	Accidents	6,236	4.	Lung Disease (CLRD)	6,994
5.	Lung Disease (CLRD)	6,062	5.	Influenza/Pneumonia	4,476
6.	Influenza/Pneumonia	3,691	6.	Alzheimer's Disease	3,370
7.	Diabetes	3,088	7.	Diabetes	3,369
8.	Self-Harm (Suicide)	2,571	8.	Accidents	3,038
9.	Cirrhosis	2,524	9.	Hypertension	1,415
10.	Assault (Homicide)	1,860	10.	Cirrhosis	1,235

Heart disease, cancer, stroke, and diabetes were the first, second, third, and seventh leading causes of death for both males and females, accounting for 61.7 percent of male deaths and 64.9 percent of female deaths in 2001. Beyond these four causes of death, the ranking of leading causes differs for males and females. Accidents were the fourth leading cause of death for males and the eighth cause for females. CLRD and Influenza/pneumonia were the fourth and fifth leading causes for females and the fifth and sixth for males. Suicide ranked eighth for males and was not among the ten leading

causes for females. Cirrhosis was the ninth leading cause for males and tenth leading cause for females. Alzheimer's disease and hypertension ranked sixth and ninth for females and were not among the leading causes for males.

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 5-year age groups from 5-24 years. Accidents were also the leading cause of death for males in the 10-year age groups from 25-44 years and for females 25-34 years. Accidents were the second leading cause of death for females aged 35-44 (Tables 5-9A and 5-9B).

Cancer was the leading cause of death for females, in the 10-year age groups, 35-74 years and for males, 55-74 years. Cancer was the second leading cause for males in the five-year age groups 5-9 and 10-14 and for females in the 5-year age groups from 1-14 years. Cancer was also the second leading cause of death for males ages 45-54 and 75 years and over and for females ages 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 second leading cause for males in the five-year age groups from 15-24 and for males in the 10-year age group 25-34 years and for females 15-24 years.

GUIDE TO DEATH TABLES IN VITAL STATISTICS OF CALIFORNIA, 2001

TABLE	5-1	5-2	5-3	5-3A	5-4	5-5	5-6	5-7	5-7A	5-8	5-9A	5-9B	5-10	5-10A	5-10B	5-10C	5-10D
PAGE																	
GEOGRAPHIC AREA																	
California	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
California Counties																	
Selected City Health Depts.																	
TYPES OF ANALYSES																	
Multiple Years	▨	▨	▨	▨				▨	▨								
Age-Adjusted Death Rates	▨							▨	▨				▨	▨			
Age-Specific Death Rates		▨	▨	▨	▨						▨	▨					
Death Rates	▨							▨	▨				▨	▨			
Percent of Deaths													▨	▨	▨	▨	▨
VARIABLES																	
Age of Decedent		▨	▨	▨	▨	▨	▨										
American Indian Only																▨	
Asian Only																	▨
Black Only																	
Female Only												▨					
Gender	▨		▨	▨	▨	▨	▨	▨	▨	▨			▨	▨	▨	▨	▨
Hispanic Only				▨					▨					▨			
Leading Causes of Death								▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
Major Causes of Death																	
Male Only											▨						
Pacific Islander Only																	
Race							▨										
Race/Ethnic Groups						▨				▨	▨	▨					
Selected Causes of Death																	
Selected Detail of Leading Causes																	
Two or More Races Only															▨		
White/Other Only																	

GUIDE TO DEATH TABLES IN VITAL STATISTICS OF CALIFORNIA, 2001 - Continued

TABLE	5-10E	5-10F	5-10G	5-11	5-12	5-13	5-14	5-15	5-15A	5-15B	5-16	5-17	5-18	5-19	5-20	5-21
PAGE																
GEOGRAPHIC AREA																
California	■	■	■	■	■	■	■	■	■	■						
California Counties											■	■	■	■	■	■
Selected City Health Depts.												■	■	■	■	
DATA YEARS																
Multiple Years											■					
Age-Adjusted Death Rates						■										
Age-Specific Death Rates																
Death Rates						■		■	■	■						■
Percent of Deaths	■	■	■	■												
VARIABLES																
Age of Decedent												■				
American Indian Only																
Asian Only																
Black Only	■															
Female Only										■						
Gender	■	■	■		■	■							■			
Hispanic Only																
Leading Causes of Death	■	■	■	■											■	
Major Causes of Death						■	■	■	■	■						
Male Only									■							
Pacific Islander Only		■														
Race				■										■		
Race/Ethnic Groups					■		■	■	■	■			■			
Selected Causes of Death																■
Selected Detail of Leading Causes					■											
Two or More Races Only																
White/Other Only			■													

TABLE 5-1. DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES BY SEX, CALIFORNIA, 1990-2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups. Age-adjusted rates are calculated using Year 2000 U.S. standard population.)

YEAR	DEATHS			DEATH RATES			AGE-ADJUSTED DEATH RATES		
	TOTAL	MALES	FEMALES	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
2001	232,790	116,000	116,790	660.7	655.6	665.9	749.3	884.5	642.1
2000	228,281	114,005	114,276	658.8	655.2	662.3	755.3	897.0	644.6
1999	227,965	113,624	114,341	669.1	664.5	673.7	776.8	922.8	663.0
1998	225,450	113,639	111,811	673.1	676.6	669.6	790.6	951.2	667.0
1997	223,438	113,026	110,412	678.0	684.0	671.9	802.5	970.2	674.8
1996	222,308	113,873	108,435	686.5	701.7	671.2	820.1	1000.1	681.8
1995	222,626	116,199	106,427	694.3	723.4	665.2	839.9	1037.6	686.6
1994	222,854	116,504	106,350	701.0	731.8	670.2	857.2	1061.4	700.3
1993	220,271	115,824	104,447	698.9	733.9	663.8	860.9	1069.7	700.1
1992	214,586	113,273	101,313	688.1	725.3	650.7	853.5	1062.5	692.4
1991	214,220	113,107	101,113	700.9	739.2	662.5	875.4	1092.4	709.9
1990	213,766	112,736	101,030	713.9	752.1	675.7	898.7	1120.6	730.0

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; 1999-2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-2. DEATHS BY AGE, 1980-2001, AND AGE-SPECIFIC DEATH RATES, 1990-2001, CALIFORNIA (By Place of Residence)
(Rates are per 100,000 population in specified groups.)

YEAR	ALL AGES	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
							NUMBER OF DEATHS								
2001	232,790	2,815	537	365	413	1,431	1,978	4,344	9,261	17,342	23,345	39,705	67,570	63,579	105
2000	**228,281**	**2,884**	**572**	**365**	**465**	**1,277**	**1,759**	**4,131**	**9,168**	**16,284**	**22,740**	**40,001**	**66,557**	**61,970**	**108**
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**
							AGE-SPECIFIC DEATH RATES								
2001	660.7	a	23.9	12.4	15.1	59.1	84.8	88.3	160.6	371.0	815.5	2,008.8	5,051.8	13,580.1	
2000	**658.8**	**a**	**25.7**	**12.2**	**18.0**	**53.8**	**78.5**	**82.6**	**159.4**	**364.4**	**824.8**	**2,043.5**	**5,098.4**	**13,778.4**	
1999	669.1	a	26.8	12.0	17.6	55.9	79.4	84.4	159.7	371.3	848.0	2,139.1	5,217.0	14,201.3	
1998	673.1	a	26.3	12.9	19.6	61.7	84.9	88.7	167.5	371.5	877.4	2,187.0	5,279.7	14,296.5	
1997	678.0	a	28.8	14.7	18.6	69.4	87.8	95.1	174.9	381.5	903.2	2,199.7	5,320.2	14,450.7	
1996	686.5	a	31.9	15.1	21.2	75.2	93.0	112.5	206.2	397.6	926.1	2,233.0	5,356.4	14,511.9	
1995	**694.3**	**a**	**32.1**	**17.2**	**23.4**	**85.0**	**107.5**	**131.9**	**229.2**	**415.3**	**962.7**	**2,273.7**	**5,375.7**	**14,625.2**	
1994	701.0	a	33.8	18.8	23.3	88.5	103.1	137.3	237.8	427.5	982.4	2,308.9	5,500.2	14,807.2	
1993	698.9	a	40.9	20.0	24.9	91.2	109.5	139.2	239.4	428.3	1,006.3	2,312.8	5,524.1	14,711.7	
1992	688.1	a	39.1	16.9	23.8	88.6	107.6	134.7	236.8	430.7	1,027.5	2,323.5	5,476.1	14,299.5	
1991	700.9	a	43.0	19.8	25.2	96.1	109.4	134.7	233.8	442.7	1,059.3	2,367.6	5,608.8	14,748.2	
1990	**713.9**	**a**	**48.0**	**19.6**	**24.9**	**86.6**	**114.4**	**142.2**	**234.0**	**453.8**	**1,091.9**	**2,433.7**	**5,716.3**	**15,199.9**	

a See Chapter 4 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; 1999-2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-3. AGE-SPECIFIC DEATH RATES BY SEX, CALIFORNIA, 1991-2001 (By Place of Residence)

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

SEX AND AGE	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	1991-2001 % Change
TOTAL												
1-4	43.0	39.1	40.9	33.8	32.1	31.9	28.8	26.3	26.8	25.7	23.9	-44.4
5-14	22.4	20.2	22.3	20.9	20.1	17.9	16.5	15.9	14.6	14.9	13.7	-38.8
15-24	103.5	99.1	101.3	96.3	96.7	84.1	78.5	73.0	67.2	65.8	71.7	-30.7
25-34	134.7	134.7	139.2	137.3	131.9	112.5	95.1	88.7	84.4	82.6	88.3	-34.4
35-44	233.8	236.8	239.4	237.8	229.2	206.2	174.9	167.5	159.7	159.4	160.6	-31.3
45-54	442.7	430.7	428.3	427.5	415.3	397.6	381.5	371.5	371.3	364.4	371.0	-16.2
55-64	1,059.3	1,027.5	1,006.3	982.4	962.7	926.1	903.2	877.4	848.0	824.8	815.5	-23.0
65-74	2,367.6	2,323.5	2,312.8	2,308.9	2,273.7	2,233.0	2,199.7	2,187.0	2,139.1	2,043.5	2,008.8	-15.2
75-84	5,608.8	5,476.1	5,524.1	5,500.2	5,375.7	5,356.4	5,320.2	5,279.7	5,217.0	5,098.4	5,051.8	-9.9
85 and Over	14,748.2	14,299.5	14,711.7	14,807.2	14,625.2	14,511.8	14,450.7	14,296.5	14,201.3	13,778.4	13,580.1	-7.9
MALES												
1-4	44.6	41.4	44.6	39.3	36.8	33.5	31.5	28.6	29.7	29.7	27.9	-37.4
5-14	27.1	23.1	26.8	25.6	23.7	20.8	19.9	18.5	16.2	17.1	15.1	-44.3
15-24	153.8	148.7	153.7	145.7	145.3	125.5	116.1	106.8	97.3	96.5	104.6	-32.0
25-34	200.9	201.8	208.3	202.0	193.5	156.8	131.2	120.2	113.4	113.5	119.2	-40.7
35-44	335.4	343.3	348.4	341.3	327.6	281.0	228.6	215.1	204.0	200.8	201.8	-39.8
45-54	572.7	564.4	552.4	554.9	540.4	509.6	480.2	473.2	466.4	458.3	461.9	-19.3
55-64	1,326.0	1,283.9	1,250.2	1,217.6	1,200.5	1,126.1	1,094.5	1,074.7	1,021.6	996.5	991.4	-25.2
65-74	3,008.4	2,919.1	2,900.6	2,879.0	2,838.3	2,752.1	2,694.1	2,668.1	2,582.5	2,454.7	2,377.5	-21.0
75-84	7,074.5	6,883.3	6,930.7	6,833.4	6,667.9	6,671.1	6,530.5	6,474.8	6,330.2	6,147.6	6,082.3	-14.0
85 and Over	16,915.0	16,324.5	16,834.3	17,056.1	16,691.7	16,390.8	16,443.0	16,008.6	15,660.2	15,305.1	14,913.0	-11.8
FEMALES												
1-4	41.3	36.8	37.2	27.9	27.2	30.3	26.0	23.9	23.8	21.5	19.8	-52.1
5-14	17.3	17.1	17.6	16.0	16.4	14.9	12.9	13.3	12.9	12.6	12.3	-28.9
15-24	46.6	43.3	42.7	41.7	43.3	39.0	37.6	36.7	34.7	32.7	36.2	-22.3
25-34	63.2	61.8	63.6	65.9	63.3	62.9	54.4	53.4	51.9	48.0	53.8	-14.9
35-44	130.5	128.5	128.3	131.9	128.1	129.0	119.4	118.0	113.5	116.1	117.3	-10.1
45-54	314.6	298.8	306.0	302.2	292.3	287.4	284.3	271.2	277.5	271.5	281.0	-10.7
55-64	813.9	789.6	778.4	761.4	738.6	737.0	722.0	690.5	683.3	661.6	648.0	-20.4
65-74	1,854.1	1,845.8	1,840.6	1,849.5	1,815.6	1,807.7	1,791.3	1,786.5	1,765.4	1,692.5	1,689.9	-8.9
75-84	4,666.3	4,562.5	4,604.2	4,622.3	4,519.5	4,476.5	4,499.8	4,464.3	4,449.0	4,372.1	4,337.7	-7.0
85 and Over	13,850.7	13,448.3	13,819.4	13,857.4	13,742.6	13,697.0	13,568.6	13,531.2	13,537.1	13,071.3	12,954.5	-6.5

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; 1999-2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-3A. AGE-SPECIFIC DEATH RATES BY SEX FOR **HISPANICS**, CALIFORNIA, 1991-2001 (By Place of Residence)

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

SEX AND AGE	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	1991-2001 % Change
TOTAL												
1-4	39.7	39.1	38.8	33.4	31.9	30.5	26.3	26.4	27.1	26.1	22.0	-44.6
5-14	21.6	19.9	22.4	18.6	20.3	19.4	14.1	16.4	14.3	15.2	12.6	-41.7
15-24	113.9	116.3	114.9	111.8	122.1	103.9	97.0	87.9	82.5	79.6	87.1	-23.5
25-34	121.5	130.8	129.4	127.9	118.9	104.4	92.1	84.3	85.1	81.6	87.3	-28.1
35-44	181.8	195.8	195.3	190.7	192.4	175.4	148.2	140.5	134.1	136.3	137.1	-24.6
45-54	340.8	328.5	333.2	326.7	327.0	322.0	319.1	291.6	298.1	291.8	305.5	-10.4
55-64	786.8	795.1	786.8	732.7	725.1	715.6	702.7	709.0	670.1	677.3	654.0	-16.9
65-74	1,726.6	1,729.3	1,734.3	1,710.7	1,709.3	1,695.4	1,708.4	1,738.6	1,729.8	1,622.0	1,646.2	-4.7
75-84	3,849.5	3,638.8	3,797.3	3,572.0	3,638.0	3,750.9	3,632.6	3,669.2	3,645.8	3,524.6	3,667.3	-4.7
85 and Over	9,750.0	8,971.2	8,886.3	8,418.2	8,444.6	8,053.9	7,903.6	7,750.6	7,808.3	7,806.0	7,974.5	-18.2
MALES												
1-4	38.3	41.2	42.4	38.1	34.9	34.3	29.4	28.3	29.7	30.6	23.7	-38.1
5-14	25.5	22.3	27.2	24.2	24.0	21.6	17.2	18.9	16.0	17.6	13.2	-48.2
15-24	173.1	180.1	179.4	176.4	193.1	165.3	151.4	137.8	127.0	122.4	133.7	-22.8
25-34	183.9	198.0	195.9	188.3	177.1	146.6	128.2	115.8	115.8	111.9	118.0	-35.8
35-44	263.8	288.9	288.6	285.2	280.0	248.6	202.2	186.3	177.0	172.5	172.5	-34.6
45-54	459.0	448.2	447.1	445.2	443.2	416.5	417.0	377.1	384.3	372.9	382.6	-16.6
55-64	1,007.0	986.3	991.1	923.3	925.7	889.9	849.6	874.7	810.3	828.8	795.1	-21.0
65-74	2,207.2	2,168.3	2,154.4	2,170.3	2,151.5	2,072.8	2,051.8	2,160.9	2,060.8	1,982.4	1,942.1	-12.0
75-84	4,927.1	4,454.5	4,786.4	4,488.5	4,577.9	4,660.1	4,367.6	4,387.8	4,402.8	4,214.6	4,435.7	-10.0
85 and Over	11,518.7	10,028.7	9,850.4	9,500.9	9,156.1	8,832.7	8,692.9	8,549.3	8,315.9	8,492.3	8,691.4	-24.5
FEMALES												
1-4	41.1	36.8	35.1	28.5	28.8	26.6	23.0	24.3	24.5	21.3	20.1	-51.1
5-14	17.6	17.4	17.4	12.8	16.4	17.1	10.8	13.7	12.5	12.6	12.0	-31.8
15-24	40.7	39.5	38.8	37.8	42.6	36.8	38.3	34.6	35.0	33.7	37.1	-8.8
25-34	47.0	49.4	47.8	52.7	45.3	50.7	45.9	44.0	46.0	43.5	49.1	4.5
35-44	94.3	96.0	94.7	88.0	96.6	94.5	88.0	88.9	85.3	94.6	95.7	1.5
45-54	224.9	210.1	220.0	208.3	210.2	226.3	219.1	203.8	209.2	207.7	225.1	0.1
55-64	590.1	623.1	601.5	558.7	540.7	554.1	565.5	553.7	538.0	534.1	519.2	-12.0
65-74	1,346.0	1,379.6	1,397.5	1,338.6	1,349.1	1,384.9	1,423.3	1,387.6	1,453.8	1,318.2	1,394.4	3.6
75-84	3,175.2	3,126.9	3,174.7	2,993.1	3,037.7	3,160.4	3,138.7	3,176.4	3,112.8	3,035.7	3,120.2	-1.7
85 and Over	8,779.9	8,391.6	8,354.7	7,829.4	8,057.0	7,633.8	7,476.9	7,333.3	7,549.4	7,460.7	7,617.3	-13.2

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; 1999-2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-4. DEATHS AND AGE-SPECIFIC DEATH RATES BY SEX, CALIFORNIA, 2001 (By Place of Residence)
(Rates are per 100,000 specified population.)

AGE GROUP	DEATHS			AGE-SPECIFIC DEATH RATES		
	TOTAL	MALES	FEMALES	TOTAL	MALE	FEMALE
TOTAL ALL AGES	232,790	116,000	116,790	660.7	655.6	665.9
Under 1 Year	2,815	1,545	1,270	a	a	a
1-4	537	320	217	23.9	27.9	19.8
5-9	365	204	161	12.4	13.5	11.2
10-14	413	234	179	15.1	16.7	13.4
15-19	1,431	1,063	368	59.1	85.3	31.3
20-24	1,978	1,518	460	84.8	124.4	41.4
25-29	1,916	1,406	510	84.8	118.6	47.5
30-34	2,428	1,688	740	91.3	119.8	59.1
35-39	3,738	2,433	1,305	130.0	163.4	94.1
40-44	5,523	3,534	1,989	191.1	240.8	139.8
45-49	7,571	4,789	2,782	303.3	383.3	223.1
50-54	9,771	5,953	3,818	448.7	553.1	346.6
55-59	10,653	6,422	4,231	666.0	819.0	518.8
60-64	12,692	7,421	5,271	1,004.9	1,212.2	809.9
65-69	16,565	9,282	7,283	1,596.4	1,891.5	1,331.7
70-74	23,140	12,510	10,630	2,464.4	2,937.6	2,071.7
75-79	32,116	16,413	15,703	4,000.3	4,857.2	3,377.5
80-84	35,454	16,885	18,569	6,630.6	8,058.1	5,710.6
85-89	32,622	13,287	19,335	10,772.0	12,745.1	9,736.1
90 Years & Over	30,957	9,015	21,942	18,723.7	19,902.9	18,278.8
Not Stated	105	78	27			

a See Chapter 4 for infant mortality rates by sex.

Source: State of California. Department of Health Services, Death Records.
State of California, Department of Finance, 2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-5. DEATHS BY AGE, SEX, AND RACE/ETHNIC GROUPS*, CALIFORNIA, 2001 (By Place of Residence)

SEX AND RACE/ETHNIC GROUP	ALL AGES	AGE IN YEARS														
		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	90 YEARS & OVER	AGE UNKNOWN
TOTAL DEATHS	232,790	2,815	1,315	3,409	4,344	9,261	17,342	10,653	12,692	16,565	23,140	32,116	35,454	32,622	30,957	105
HISPANIC	30,365	1,313	538	1,450	1,542	2,332	3,211	1,605	1,880	2,405	3,055	3,396	2,940	2,322	2,349	27
NON-HISPANIC																
2 OR MORE RACE GROUPS	369	54	19	21	18	25	40	24	17	20	30	30	29	23	19	-
AMERICAN INDIAN	888	14	6	21	30	76	109	66	70	84	100	107	86	65	54	-
ASIAN	14,845	211	115	253	298	535	1,123	725	902	1,162	1,705	2,142	2,229	1,844	1,595	6
BLACK	18,021	390	160	444	624	1,228	2,306	1,223	1,377	1,687	1,775	2,004	1,929	1,472	1,398	4
PACIFIC ISLANDER	561	15	4	12	17	54	86	62	49	64	65	46	45	23	19	-
WHITE	167,548	813	471	1,203	1,804	4,994	10,446	6,935	8,387	11,132	16,398	24,375	28,174	26,862	25,516	38
OTHER	22	-	-	2	2	2	2	1	-	3	3	1	3	1	2	-
NOT STATED	171	5	2	3	9	15	19	12	10	8	9	15	19	10	5	30
MALE	116,000	1,545	758	2,581	3,094	5,967	10,742	6,422	7,421	9,282	12,510	16,413	16,885	13,287	9,015	78
HISPANIC	16,889	723	292	1,152	1,154	1,581	2,053	982	1,088	1,342	1,620	1,760	1,427	938	755	22
NON-HISPANIC																
2 OR MORE RACE GROUPS	197	31	10	15	13	19	25	10	10	13	18	10	9	9	5	-
AMERICAN INDIAN	470	12	5	13	28	50	67	37	37	45	52	53	33	21	17	-
ASIAN	7,886	117	66	175	189	324	649	437	523	630	907	1,165	1,132	879	691	2
BLACK	9,364	197	97	359	427	748	1,324	696	797	954	960	987	879	541	394	4
PACIFIC ISLANDER	313	11	3	8	10	26	60	38	25	41	36	22	20	8	5	-
WHITE	80,762	452	284	855	1,264	3,205	6,550	4,212	4,933	6,251	8,910	12,409	13,372	10,886	7,148	31
OTHER	10	-	-	2	2	1	2	-	-	-	1	-	2	-	-	-
NOT STATED	109	2	1	2	7	13	12	10	8	6	6	7	11	5	-	19
FEMALE	116,790	1,270	557	828	1,250	3,294	6,600	4,231	5,271	7,283	10,630	15,703	18,569	19,335	21,942	27
HISPANIC	13,476	590	246	298	388	751	1,158	623	792	1,063	1,435	1,636	1,513	1,384	1,594	5
NON-HISPANIC																
2 OR MORE RACE GROUPS	172	23	9	6	5	6	15	14	7	7	12	20	20	14	14	-
AMERICAN INDIAN	418	2	1	8	2	26	42	29	33	39	48	54	53	44	37	-
ASIAN	6,959	94	49	78	109	211	474	288	379	532	798	977	1,097	965	904	4
BLACK	8,657	193	63	85	197	480	982	527	580	733	815	1,017	1,050	931	1,004	-
PACIFIC ISLANDER	248	4	1	4	7	28	26	24	24	23	29	24	25	15	14	-
WHITE	86,786	361	187	348	540	1,789	3,896	2,723	3,454	4,881	7,488	11,966	14,802	15,976	18,368	7
OTHER	12	-	-	-	-	1	-	1	-	3	2	1	1	1	2	-
NOT STATED	62	3	1	1	2	2	7	2	2	2	3	8	8	5	5	11

- Represents zero events.

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 5-6. DEATHS BY AGE, SEX, AND RACE*, CALIFORNIA, 2001 (By Place of Residence)

SEX AND RACE	ALL AGES	AGE IN YEARS														
		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	90 YEARS & OVER	AGE UNKNOWN
TOTAL	232,790	2,815	1,315	3,409	4,344	9,261	17,342	10,653	12,692	16,565	23,140	32,116	35,454	32,622	30,957	105
2 OR MORE RACE GROUPS	469	70	26	27	27	34	50	28	20	27	40	40	33	26	21	-
AMERICAN INDIAN	978	18	11	27	33	84	121	72	76	90	108	118	94	69	57	-
BLACK	18,137	401	167	451	627	1,236	2,317	1,229	1,384	1,697	1,786	2,013	1,942	1,477	1,406	4
CAMBODIAN	294	7	5	24	4	17	27	22	31	27	35	33	27	25	10	-
CHINESE	4,412	34	25	45	58	116	283	123	208	306	527	700	707	693	587	-
ESKIMO/ALEUT	3	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-
FILIPINO	4,100	72	22	61	75	157	344	254	268	337	448	558	558	485	461	-
GUAMANIAN	79	-	-	2	1	7	13	5	6	10	11	9	11	2	2	-
HAWAIIAN	89	1	-	1	2	6	7	15	8	12	10	10	8	5	4	-
HMONG	160	9	9	12	7	8	16	11	11	6	14	8	20	19	10	-
INDIAN (INDIA)	716	27	10	19	31	36	75	47	49	74	83	90	82	57	35	1
JAPANESE	2,167	6	3	9	22	35	90	83	86	172	274	378	443	289	277	-
KOREAN	1,247	14	7	17	25	58	108	74	102	104	127	166	187	137	121	-
LAOTIAN	249	7	10	17	8	15	31	17	25	18	28	24	23	19	7	-
SAMOAN	191	6	1	4	9	25	36	17	15	19	20	13	12	7	7	-
THAI	94	2	1	8	6	7	22	7	12	2	8	8	6	4	1	-
VIETNAMESE	1,213	25	16	42	55	70	109	74	92	98	145	153	151	102	81	-
WHITE	197,439	2,093	990	2,630	3,323	7,291	13,587	8,514	10,239	13,503	19,410	27,723	31,076	29,162	27,834	64
OTHER ASIAN	256	9	7	1	8	18	33	18	22	21	26	32	31	17	8	5
OTHER PACIFIC ISLANDER	206	9	3	5	5	16	30	25	22	23	24	15	14	9	6	-
OTHER	115	-	-	3	9	9	23	6	5	10	5	10	10	8	17	-
NOT STATED	176	5	2	4	9	16	19	12	10	9	10	15	19	10	5	31
TOTAL MALES	116,000	1,545	758	2,581	3,094	5,967	10,742	6,422	7,421	9,282	12,510	16,413	16,885	13,287	9,015	78
2 OR MORE RACE GROUPS	248	35	13	19	21	23	32	11	11	16	24	16	12	10	5	-
AMERICAN INDIAN	515	12	8	16	30	55	76	42	40	48	54	58	35	22	19	-
BLACK	9,431	202	102	365	429	752	1,333	700	802	959	967	993	884	543	396	4
CAMBODIAN	147	2	3	16	2	12	13	14	20	13	13	13	10	10	6	-
CHINESE	2,314	19	15	32	36	68	166	77	112	182	297	409	363	317	221	-
ESKIMO/ALEUT	2	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
FILIPINO	2,284	43	9	41	46	82	196	148	155	188	251	306	284	256	279	-
GUAMANIAN	44	-	-	1	1	2	9	5	3	7	7	4	4	1	-	-
HAWAIIAN	49	-	-	1	-	3	5	9	4	8	8	4	2	2	3	-
HMONG	77	3	7	8	5	6	8	7	9	2	4	4	3	8	3	-
INDIAN (INDIA)	427	17	5	14	24	24	48	35	33	42	51	48	39	32	15	-
JAPANESE	1,052	3	2	8	12	20	51	44	47	60	111	199	248	158	89	-
KOREAN	614	10	6	12	15	30	62	47	58	57	69	75	84	50	39	-
LAOTIAN	145	4	6	13	6	13	19	11	13	12	15	16	8	7	2	-
SAMOAN	113	4	1	3	6	12	24	10	9	12	11	10	8	2	1	-
THAI	46	2	1	6	3	5	8	2	9	2	4	1	2	1	-	-
VIETNAMESE	666	12	10	25	35	52	65	45	52	63	76	81	76	39	35	-
WHITE	97,410	1,164	565	1,991	2,400	4,766	8,557	5,177	6,006	7,578	10,510	14,147	14,783	11,818	7,896	52
OTHER ASIAN	147	3	2	1	6	13	22	11	19	10	19	15	18	3	3	2
OTHER PACIFIC ISLANDER	110	8	2	3	3	9	22	14	11	14	10	4	6	3	1	-
OTHER	46	-	-	3	7	6	13	3	-	2	2	3	5	-	2	-
NOT STATED	113	2	1	3	7	14	12	10	8	7	6	7	11	5	-	20
TOTAL FEMALES	116,790	1,270	557	828	1,250	3,294	6,600	4,231	5,271	7,283	10,630	15,703	18,569	19,335	21,942	27
2 OR MORE RACE GROUPS	221	35	13	8	6	11	18	17	9	11	16	24	21	16	16	-
AMERICAN INDIAN	463	6	3	11	3	29	45	30	36	42	54	60	59	47	38	-
BLACK	8,706	199	65	86	198	484	984	529	582	738	819	1,020	1,058	934	1,010	-
CAMBODIAN	147	5	2	8	2	5	14	8	11	14	22	20	17	15	4	-
CHINESE	2,098	15	10	13	22	48	117	46	96	124	230	291	344	376	366	-
ESKIMO/ALEUT	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
FILIPINO	1,816	29	13	20	29	75	148	106	113	149	197	252	274	229	182	-
GUAMANIAN	35	-	-	1	-	5	4	-	3	3	4	5	7	1	2	-
HAWAIIAN	40	1	-	-	2	3	2	6	4	4	2	6	6	3	1	-
HMONG	83	6	2	4	2	2	8	4	2	4	10	4	17	11	7	-
INDIAN (INDIA)	289	10	5	5	7	12	27	12	16	32	32	42	43	25	20	1
JAPANESE	1,115	3	1	1	10	15	39	39	39	112	163	179	195	131	188	-
KOREAN	633	4	1	5	10	28	46	27	44	47	58	91	103	87	82	-
LAOTIAN	104	3	4	4	2	2	12	6	12	6	13	8	15	12	5	-
SAMOAN	78	2	-	1	3	13	12	7	6	7	9	3	4	5	6	-
THAI	48	-	-	2	3	2	14	5	3	-	4	7	4	3	1	-
VIETNAMESE	547	13	6	17	20	18	44	29	40	35	69	72	75	63	46	-
WHITE	100,029	929	425	639	923	2,525	5,030	3,337	4,233	5,925	8,900	13,576	16,293	17,344	19,938	12
OTHER ASIAN	109	6	5	-	2	5	11	7	3	11	7	17	13	14	5	3
OTHER PACIFIC ISLANDER	96	1	1	2	2	7	8	11	11	9	14	11	8	6	5	-
OTHER	69	-	-	-	2	3	10	3	5	8	3	7	5	8	15	-
NOT STATED	63	3	1	1	2	2	7	2	2	2	4	8	8	5	5	11

- Represents zero events.

* Beginning in 2000, up to three races were reported on death certificates. The list of races on this table is compiled by identifying decedents who were reported as being of 2 or more race groups before tabulating single races. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 5-7. DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES FOR LEADING CAUSES OF DEATH BY SEX, CALIFORNIA, 2000-2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups. Age-adjusted rates are calculated using Year 2000 standard population.)

TOTAL	TOTAL ALL CAUSES A00-Y89	HEART DISEASES I00-I09, I11, I13, I20-I51	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	INTENTIONAL SELF-HARM X60-X84, Y87.0	HYPERTEN-SION I10, I12	ASSAULT X85-Y09, Y87.1	NEPHRITIS N00-N07,N17-N19,N25-N27	ATHERO-SCLEROSIS I70	ALL OTHER CAUSES (Residual)
		LEADING CAUSES OF DEATH IN CALIFORNIA														
YEAR 2001 RANK - TOTAL:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	
Deaths:																
2001	232,790	69,004	53,810	18,078	13,056	9,274	8,167	6,457	4,897	3,759	3,256	2,348	2,301	1,988	1,598	34,797
2000	228,281	68,533	53,005	18,090	12,754	8,814	8,355	6,203	4,398	3,673	3,113	2,020	2,084	1,781	1,634	33,824
Death Rates:																
2001	660.7	195.8	152.7	51.3	37.1	26.3	23.2	18.3	13.9	10.7	9.2	6.7	6.5	5.6	4.5	
2000	658.8	197.8	153.0	52.2	36.8	25.4	24.1	17.9	12.7	10.6	9.0	6.0	5.8	5.1	4.7	
Age-Adjusted Death Rates:																
2001	749.3	225.9	173.4	59.4	43.0	27.4	26.9	20.9	16.3	11.5	9.6	7.7	6.6	6.5	5.3	
2000	755.3	231.1	175.3	61.2	43.1	26.6	28.4	20.6	15.1	11.6	9.4	6.0	6.8	6.0	5.6	

MALES	TOTAL ALL CAUSES A00-Y89	HEART DISEASES I00-I09, I11, I13, I20-I51	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	ACCIDENTS V01-X59, Y85-Y86	CLRD J40-J47	INFLUENZA AND PNEUMONIA J10-J18	DIABETES E10-E14	INTENTIONAL SELF-HARM X60-X84 Y87.0	CIRRHOSIS K70, K73-K74	ASSAULT X85-Y09, Y87.1	ALZHEIMER'S DISEASE G30	HIVD B20-B24	NEPHRITIS N00-N07,N17-N19,N25-N27	HYPERTEN-SION I10, I12	ALL OTHER CAUSES (Residual)
		LEADING CAUSES OF MALE DEATHS IN CALIFORNIA														
YEAR 2001 RANK - MALES:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	
Deaths:																
2001	116,000	33,924	27,255	7,295	6,236	6,062	3,691	3,088	2,571	2,524	1,860	1,527	1,291	992	933	16,751
2000	114,005	33,938	26,759	7,265	5,995	6,112	3,683	3,015	2,431	2,467	1,700	1,388	1,255	859	791	16,347
Death Rates:																
2001	655.6	191.7	154.0	41.2	35.2	34.3	20.9	17.5	14.5	14.3	10.5	8.6	7.3	5.6	5.3	
2000	655.2	195.1	153.8	41.8	34.5	35.1	21.2	17.3	14.0	14.2	9.8	8.0	7.2	4.9	4.6	
Age-Adjusted Death Rates:																
2001	884.5	273.5	205.3	60.7	38.1	49.2	32.1	23.1	15.9	16.2	10.3	13.9	7.4	8.0	7.7	
2000	897.0	282.3	207.9	62.2	37.5	51.3	33.1	23.5	15.4	16.3	9.6	13.1	7.3	7.1	6.7	

FEMALES	TOTAL ALL CAUSES A00-Y89	HEART DISEASES I00-I09, I11, I13, I20-I51	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	CLRD J40-J47	INFLUENZA AND PNEUMONIA J10-J18	ALZHEIMER'S DISEASE G30	DIABETES E10-E14	ACCIDENTS V01-X59, Y85-Y86	HYPERTEN-SION I10, I12	CIRRHOSIS K70, K73-K74	NEPHRITIS N00-N07, N17-N19, N25-N27	ATHERO-SCLEROSIS I70	INTENTIONAL SELF-HARM X60-X84, Y87.0	PARKINSON'S DISEASE G20-G21	ALL OTHER CAUSES (Residual)
		LEADING CAUSES OF FEMALE DEATHS IN CALIFORNIA														
YEAR 2001 RANK - FEMALES:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	
Deaths:																
2001	116,790	35,080	26,555	10,783	6,994	4,476	3,370	3,369	3,038	1,415	1,235	996	960	685	620	17,214
2000	114,276	34,595	26,246	10,825	6,642	4,672	3,010	3,188	2,819	1,229	1,206	922	1,023	682	631	16,586
Death Rates:																
2001	665.9	200.0	151.4	61.5	39.9	25.5	19.2	19.2	17.3	8.1	7.0	5.7	5.5	3.9	3.5	
2000	662.3	200.5	152.1	62.7	38.5	27.1	17.4	18.5	16.3	7.1	7.0	5.3	5.9	4.0	3.7	
Age-Adjusted Death Rates:																
2001	642.1	188.2	152.4	57.9	39.1	23.6	17.5	19.2	17.2	7.6	7.2	5.5	5.0	4.0	3.4	
2000	644.6	190.8	154.3	59.8	38.1	25.4	16.1	18.6	16.3	6.8	7.2	5.2	5.5	4.0	3.5	

Note: Causes of death are coded to the Tenth Revision of the International Classification of Diseases.

Source: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 1999-2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-7A. DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES FOR LEADING CAUSES OF DEATH BY SEX FOR **HISPANICS**, CALIFORNIA, 2000-2001(By Place of Residence)
(Rates are per 100,000 population in specified groups. Age-adjusted rates are calculated using Year 2000 standard population.)

TOTAL HISPANICS	TOTAL ALL CAUSES A00-Y89	HEART DISEASES I00-I09, I11, I13, I20-I51	CANCER C00-C97	ACCIDENTS V01-X59, Y85-Y86	CEREBRO-VASCULAR DISEASES I60-I69	DIABETES E10-E14	CIRRHOSIS K70, K73-K74	ASSAULT X85-Y09, Y87.1	INFLUENZA AND PNEUMONIA J10-J18	CLRD J40-J47	CERTAIN PERINATAL CONDITIONS P00-P96	CONGENITAL MALFORMA-TIONS Q00-Q99	INTENTIONAL SELF-HARM X60-X84, Y87.0	HIVD B20-B24	NEPHRITIS N00-N07, N17-N19, N25-N27	HYPERTEN-SION I10, I12	ALL OTHER CAUSES (Residual)
		LEADING CAUSES OF HISPANIC DEATHS IN CALIFORNIA															
YEAR 2001 RANK - TOTAL:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	
Deaths:																	
2001	30,365	7,069	6,216	2,309	2,038	1,601	1,150	958	891	780	613	555	489	393	356	278	4,669
2000	28,557	6,755	5,799	2,232	1,935	1,447	1,120	898	831	676	634	557	449	355	331	222	4,316
Death Rates:																	
2001	275.5	64.1	56.4	21.0	18.5	14.5	10.4	8.7	8.1	7.1	5.6	5.0	4.4	3.6	3.2	2.5	
2000	267.2	63.2	54.3	20.9	18.1	13.5	10.5	8.4	7.8	6.3	5.9	5.2	4.2	3.3	3.1	2.1	
Age-Adjusted Death Rates:																	
2001	551.0	154.4	116.5	25.2	44.2	33.0	17.9	8.5	20.6	17.6	3.1	3.6	5.1	4.3	7.4	6.3	
2000	539.6	154.9	114.7	24.8	44.0	31.1	18.3	8.2	19.6	16.0	3.3	3.6	5.0	4.0	7.2	5.2	

MALE HISPANICS	TOTAL ALL CAUSES A00-Y89	HEART DISEASES I00-I09, I11, I13, I20-I51	CANCER C00-C97	ACCIDENTS V01-X59, Y85-Y86	CEREBRO-VASCULAR DISEASES I60-I69	CIRRHOSIS K70, K73-K74	ASSAULT X85-Y09, Y87.1	DIABETES E10-E14	INFLUENZA AND PNEUMONIA J10-J18	INTENTIONAL SELF-HARM X60-X84 Y87.0	CLRD J40-J47	HIVD B20-B24	CERTAIN PERINATAL CONDITIONS P00-P96	CONGENITAL MALFORMA-TIONS Q00-Q99	NEPHRITIS N00-N07, N17-N19, N25-N27	HYPERTEN-SION I10, I12	ALL OTHER CAUSES (Residual)
		LEADING CAUSES OF HISPANIC MALE DEATHS IN CALIFORNIA															
YEAR 2001 RANK - MALES:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	
Deaths:																	
2001	16,889	3,723	3,152	1,723	960	868	824	720	422	416	397	340	339	313	165	113	2,414
2000	16,002	3,595	2,943	1,687	927	826	772	685	395	359	358	308	351	289	155	109	2,243
Death Rates:																	
2001	295.8	65.2	55.2	30.2	16.8	15.2	14.4	12.6	7.4	7.3	7.0	6.0	5.9	5.5	2.9	2.0	
2000	289.0	64.9	53.1	30.5	16.7	14.9	13.9	12.4	7.1	6.5	6.5	5.6	6.3	5.2	2.8	2.0	
Age-Adjusted Death Rates:																	
2001	655.9	185.7	137.2	36.3	47.8	27.3	13.9	32.6	24.2	8.5	22.6	7.2	3.4	4.1	7.8	6.1	
2000	646.0	187.9	135.1	36.3	48.0	27.1	13.4	32.9	22.6	8.0	20.5	6.6	3.6	3.9	7.7	5.8	

FEMALE HISPANICS	TOTAL ALL CAUSES A00-Y89	HEART DISEASES I00-I09, I11, I13, I20-I51	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	DIABETES E10-E14	ACCIDENTS V01-X59, Y85-Y86	INFLUENZA AND PNEUMONIA J10-J18	CLRD J40-J47	CIRRHOSIS K70, K73-K74	CERTAIN PERINATAL CONDITIONS P00-P96	CONGENITAL MALFORMA-TIONS Q00-Q99	NEPHRITIS N00-N07, N17-N19, N25-N27	ALZHEIMER'S DISEASE G30	HYPERTEN-SION I10, I12	ASSAULT X85-Y09, Y87.1	ATHEROSCL-EROSIS I70	ALL OTHER CAUSES (Residual)
		LEADING CAUSES OF HISPANIC FEMALE DEATHS IN CALIFORNIA															
YEAR 2001 RANK - FEMALES:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	
Deaths:																	
2001	13,476	3,346	3,064	1,078	881	586	469	383	282	274	242	191	168	165	134	76	2,137
2000	12,555	3,160	2,856	1,008	762	545	436	318	294	283	268	176	179	113	126	73	1,958
Death Rates:																	
2001	253.7	63.0	57.7	20.3	16.6	11.0	8.8	7.2	5.3	5.2	4.6	3.6	3.2	3.1	2.5	1.4	
2000	243.7	61.3	55.4	19.6	14.8	10.6	8.5	6.2	5.7	5.5	5.2	3.4	3.5	2.2	2.4	1.7	
Age-Adjusted Death Rates:																	
2001	462.1	129.1	102.9	40.9	33.0	13.7	18.3	14.7	9.1	2.9	3.2	7.1	6.9	6.5	2.5	3.1	
2000	449.1	128.1	101.3	40.3	29.6	13.1	17.5	13.0	10.0	3.0	3.4	6.9	7.7	4.6	2.6	1.9	

Note: Causes of Death are coded to the Tenth Revision of the International Classification of Diseases.

Source: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 2000-2001 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-8. LEADING CAUSES OF DEATH BY RACE/ETHNIC GROUPS* AND SEX, CALIFORNIA, 2001 (By Place of Residence)

RACE/ETHNIC GROUP	TOTAL ALL CAUSES A00-Y89	LEADING CAUSES OF DEATH IN CALIFORNIA													ALL OTHER CAUSES (Residual)
		HEART DISEASE I00-I09, I11, I13, I20-I51	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	HYPERTEN-SION I10, I12	HOMICIDE X85-Y09, Y87.1	NEPHRITIS N00-N07,N17-N19,N25-N27	
TOTAL RANK:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	
TOTAL	**232,790**	**69,004**	**53,810**	**18,078**	**13,056**	**9,274**	**8,167**	**6,457**	**4,897**	**3,759**	**3,256**	**2,348**	**2,301**	**1,988**	**36,395**
HISPANIC	30,365	7,069	6,216	2,038	780	2,309	891	1,601	259	1,150	489	278	958	356	5,971
NON-HISPANIC															
2 OR MORE RACE GROUPS	369	76	75	25	15	27	9	7	6	12	8	-	14	5	90
AMERICAN INDIAN	888	218	167	48	43	64	28	43	9	63	12	7	11	17	158
ASIAN	14,845	3,949	4,002	1,592	589	591	620	493	116	111	217	185	110	209	2,061
BLACK	18,021	5,351	4,050	1,335	652	715	480	704	213	220	134	302	635	236	2,994
PACIFIC ISLANDER	561	177	130	34	18	26	20	37	2	4	8	6	8	8	83
WHITE	167,548	52,132	39,149	13,004	10,955	5,527	6,113	3,567	4,288	2,197	2,385	1,569	533	1,156	24,973
OTHER RACES	22	3	3	1	-	2	-	3	1	-	1	1	1	-	6
NOT STATED	171	29	18	1	4	13	6	2	3	2	2	-	31	1	59

RACE/ETHNIC GROUP	TOTAL ALL CAUSES A00-Y89	LEADING CAUSES OF MALE DEATHS IN CALIFORNIA													ALL OTHER CAUSES (Residual)
		HEART DISEASE I00-I09, I11, I13, I20-I51	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	ACCIDENTS V01-X59, Y85-Y86	CLRD J40-J47	INFLUENZA AND PNEUMONIA J10-J18	DIABETES E10-E14	SUICIDE X60-X84 Y87.0	CIRRHOSIS K70, K73-K74	HOMICIDE X85-Y09, Y87.1	ALZHEIMER'S DISEASE G30	HIVD B20-B24	NEPHRITIS N00-N07,N17-N19,N25-N27	
MALE RANK:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	
TOTAL MALES:	**116,000**	**33,924**	**27,255**	**7,295**	**6,236**	**6,062**	**3,691**	**3,088**	**2,571**	**2,524**	**1,860**	**1,527**	**1,291**	**992**	**17,684**
HISPANIC	16,889	3,723	3,152	960	1,723	397	422	720	416	868	824	91	340	165	3,088
NON-HISPANIC															
2 OR MORE RACE GROUPS	197	36	35	10	17	10	3	4	7	10	11	-	1	3	50
AMERICAN INDIAN	470	117	89	17	44	20	11	18	10	37	11	1	5	7	83
ASIAN	7,886	2,129	2,084	756	373	393	333	239	155	65	84	45	21	103	1,106
BLACK	9,364	2,644	2,114	545	459	361	231	309	106	146	551	65	291	119	1,423
PACIFIC ISLANDER	313	109	72	14	15	8	9	17	8	4	6	-	4	2	45
WHITE	80,762	25,148	19,698	4,991	3,594	4,870	2,677	1,779	1,867	1,392	352	1,323	628	592	11,851
OTHER RACES	10	1	-	1	2	-	-	1	1	-	1	-	-	-	3
NOT STATED	109	17	11	1	9	3	5	1	1	2	20	2	1	1	35

RACE/ETHNIC GROUP	TOTAL ALL CAUSES A00-Y89	LEADING CAUSES OF FEMALE DEATHS IN CALIFORNIA													ALL OTHER CAUSES (Residual)
		HEART DISEASE I00-I09, I11, I13, I20-I51	CANCER C00-C97	CEREBRO-VASCULAR DISEASES I60-I69	CLRD J40-J47	INFLUENZA AND PNEUMONIA J10-J18	ALZHEIMER'S DISEASE G30	DIABETES E10-E14	ACCIDENTS V01-X59, Y85-Y86	HYPERTEN-SION I10, I12	CIRRHOSIS K70, K73-K74	NEPHRITIS N00-N07, N17-N19, N25-N27	ATHERO-SCLEROSIS I70	SUICIDE X60-X84, Y87.0	
FEMALE RANK:		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	
TOTAL FEMALES	**116,790**	**35,080**	**26,555**	**10,783**	**6,994**	**4,476**	**3,370**	**3,369**	**3,038**	**1,415**	**1,235**	**996**	**960**	**685**	**17,834**
HISPANIC	13,476	3,346	3,064	1,078	383	469	168	881	586	165	282	191	76	73	2,714
NON-HISPANIC															
2 OR MORE RACE GROUPS	172	40	40	15	5	6	6	3	10	-	2	2	2	1	40
AMERICAN INDIAN	418	101	78	31	23	17	8	25	20	6	26	10	3	2	68
ASIAN	6,959	1,820	1,918	836	196	287	71	254	218	113	46	106	26	62	1,006
BLACK	8,657	2,707	1,936	790	291	249	148	395	256	161	74	117	37	28	1,468
PACIFIC ISLANDER	248	68	58	20	10	11	2	20	11	2	-	6	1	-	39
WHITE	86,786	26,984	19,451	8,013	6,085	3,436	2,965	1,788	1,933	967	805	564	815	518	12,462
OTHER RACES	12	2	3	-	-	-	1	2	-	1	-	-	-	-	3
NOT STATED	62	12	7	-	1	1	1	1	4	-	-	-	-	1	34

- Represents zero events.

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 5-9A. LEADING CAUSES OF **MALE** DEATHS AND AGE-SPECIFIC DEATH RATES FOR HISPANICS AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups.)

AGE GROUPS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL MALES[1]			HISPANIC			NON-HISPANIC SINGLE RACE GROUPS					
								ASIAN		BLACK		WHITE/OTHER	
		DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	DEATHS	RANK	DEATHS	RANK
UNDER 1 YEAR		SEE CHAPTER 4 FOR LEADING CAUSES OF INFANT DEATH BY RACE/ETHNIC GROUPS AND INFANT MORTALITY RATES											
1 - 4 YEARS													
All Causes of Death	A00-Y89	320		27.9	130		23.7	28		40		110	
Accidents	V01-X59, Y85-Y86	117	1	10.2	51	1	9.3	7	a	14	1	41	1
Motor Vehicle	(See Footnote)	43		3.7	23		4.2	7		4		7	
Drownings	W65-W74	48		4.2	18		3.3	-		5		24	
Congenital Malformations	Q00-Q99	51	2	4.4	19	2	3.5	8	a	6	a	17	2
Malignant Neoplasms	C00-C97	32	3	2.8	14	3	2.6	2	a	3	a	12	3
Assault (Homicide)	X85-Y09, Y87.1	12	4	1.0	3	a	a	-		3	a	4	a
Influenza & Pneumonia	J10-J18	11	5	1.0	5	a	a	-		1	a	4	a
All Other Causes	(Residual)	97			38			11		13		32	
5-9 YEARS													
All Causes of Death	A00-Y89	204		13.5	86		12.6	14		25		76	
Accidents	V01-X59, Y85-Y86	76	1	5.0	30	1	4.4	4	a	16	1	24	1
Motor Vehicle	(See Footnote)	45		3.0	20		2.9	-		9		16	
Drownings	W65-W74	15		1.0	6		a	2		4		1	
Malignant Neoplasms	C00-C97	41	2	2.7	21	2	3.1	2	a	2	a	16	2
Leukemia	C91-C95	22		1.5	14		2.0	2		2		4	
Congenital Malformations	Q00-Q99	17	3	1.1	7	a	a	2	a	1	a	7	a
All Other Causes	(Residual)	70			28			6		6		29	
10-14 YEARS													
All Causes of Death	A00-Y89	234		16.7	76		14.0	24		32		98	
Accidents	V01-X59, Y85-Y86	78	1	5.6	26	1	4.8	6	a	9	a	37	1
Motor Vehicle	(See Footnote)	51		3.6	18		3.3	4		5		24	
Malignant Neoplasms	C00-C97	37	2	2.6	15	2	2.8	5	a	5	a	11	2
Leukemia	C91-C95	11		0.8	6		a	2		1		2	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	18	3	1.3	4	a	a	3	a	1	a	10	3
Assault (Homicide)	X85-Y09, Y87.1	16	4	1.1	6	a	a	1	a	5	a	3	a
Firearms	X93-X95	14		1.0	5			1		5		2	
Congenital Malformations	Q00-Q99	14	5	1.0	6	a	a	-		1	a	7	a
Diseases of the Heart	I00-I09, I11, I13, I20-I51	11		0.8	3	a	a	1	a	1	a	4	a
All Other Causes	(Residual)	60			16			8		10		26	
15-19 YEARS													
All Causes of Death	A00-Y89	1,063		85.3	481		109.2	72		142		353	
Accidents	V01-X59, Y85-Y86	418	1	33.5	155	2	35.2	35	1	30	2	192	1
Motor Vehicle	(See Footnote)	301		24.1	116		26.3	22		20		138	
Poisonings	X40-X49	21		1.7	4		a	1		-		16	
Drownings	W65-W74	36		2.9	17		3.9	7		5		6	
Firearms	W32-W34	9		a	4		a	1		1		3	
Assault (Homicide)	X85-Y09, Y87.1	290	2	23.3	172	1	39.1	16	2	80	1	18	4
Firearms	X93-X95	259		20.8	155		35.2	12		75		14	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	101	3	8.1	33	4	7.5	5	a	7	a	54	2
Firearms	X72-X74	39		3.1	10		2.3	3		5		20	
Malignant Neoplasms	C00-C97	64	4	5.1	37	3	8.4	3	a	1	a	22	3
Leukemia	C91-C95	25		2.0	16		3.6	1		-		7	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	25	5	2.0	9	a	a	2	a	4	a	10	5
All Other Causes	(Residual)	165			75			11		20		57	
20-24 YEARS													
All Causes of Death	A00-Y89	1,518		124.4	671		159.3	103		217		504	
Accidents	V01-X59, Y85-Y86	539	1	44.2	240	1	57.0	39	1	24	2	228	1
Motor Vehicle	(See Footnote)	385		31.5	176		41.8	33		17		154	
Poisonings	X40-X49	46		3.8	15		3.6	2		1		27	
Drownings	W65-W74	16		1.3	7		a	3		-		5	
Firearms	W32-W34	13		1.1	6		a	-		3		4	
Assault (Homicide)	X85-Y09, Y87.1	443	2	36.3	234	2	55.5	20	2	139	1	44	3
Firearms	X93-X95	378		31.0	196		46.5	12		131		34	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	191	3	15.6	54	3	12.8	15	3	14	3	103	2
Firearms	X72-X74	92		7.5	28		6.6	5		9		48	
Malignant Neoplasms	C00-C97	74	4	6.1	40	4	9.5	8	a	4	a	21	4
Leukemia	C91-C95	17		1.4	10		2.4	3		1		3	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	45	5	3.7	15	5	3.6	3	a	7	a	20	5
Congenital Malformations	Q00-Q99	22		1.8	12		2.8	3		1		6	
All Other Causes	(Residual)	204			76			15		28		82	

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TABLE 5-9A. LEADING CAUSES OF **MALE** DEATHS AND AGE-SPECIFIC DEATH RATES FOR HISPANICS AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence) - Cont.
(Rates are per 100,000 population in specified groups.)

AGE GROUPS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL MALES[1]			HISPANIC			NON-HISPANIC SINGLE RACE GROUPS					
								ASIAN		BLACK		WHITE/OTHER	
		DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	DEATHS	RANK	DEATHS	RANK
25-34 YEARS													
All Causes of Death	A00-Y89	3,094		119.2	1,154		118.0	189		427		1,266	
Accidents	V01-X59, Y85-Y86	914	1	35.2	366	1	37.4	58	1	52	2	424	1
Motor Vehicle	(See Footnote)	495		19.1	216		22.1	34		28		208	
Poisonings	X40-X49	224		8.6	72		7.4	6		8		135	
Assault (Homicide)	X85-Y09, Y87.1	532	2	20.5	227	2	23.2	19	4	183	1	89	4
Firearms	X93-X95	440		17.0	185		18.9	16		169		62	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	426	3	16.4	129	3	13.2	37	2	21	5	234	2
Firearms	X72-X74	168		6.5	53		5.4	16		8		90	
Malignant Neoplasms	C00-C97	229	4	8.8	87	4	8.9	25	3	13		100	3
Diseases of the Heart	I00-I09, I11, I13, I20-I51	185	5	7.1	59		6.0	13	5	35	4	75	5
Human Immunodeficiency Virus Disease	B20-B24	181		7.0	71	5	7.3	4		36	3	65	
All Other Causes	(Residual)	627			215			33		87		279	
35-44 YEARS													
All Causes of Death	A00-Y89	5,967		201.8	1,581		172.5	324		748		3,206	
Accidents	V01-X59, Y85-Y86	1,177	1	39.8	349	1	38.1	36	3	96	3	680	1
Motor Vehicle	(See Footnote)	444		15.0	149		16.3	19		42		226	
Poisonings	X40-X49	442		15.0	105		11.5	4		34		295	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	830	2	28.1	141	4	15.4	56	2	133	1	478	2
Ischemic Heart	I20-I25	448		15.2	67		7.3	37		52		274	
Other Heart Diseases	I26-I51	255		8.6	45		4.9	13		53		141	
Malignant Neoplasms	C00-C97	793	3	26.8	176	2	19.2	87	1	84		432	3
Human Immunodeficiency Virus Disease	B20-B24	516	4	17.5	136	5	14.8	7		118	2	254	5
Intentional Self-Harm (Suicide)	X60-X84, X87.0	505	5	17.1	92		10.0	30	4	27	5	351	4
Firearms	X72-X74	208		7.0	28		3.1	7		17		153	
Chronic Liver/Cirrhosis	K70, K73-K74	331		11.2	154	3	16.8	5		13		145	
Assault (Homicide)	X85-Y09, Y87.1	282		9.5	105		11.5	9		86	4	73	
Firearms	X93-X95	179		6.1	68		7.4	6		65		38	
Cerebrovascular Diseases	I60-I69	158		5.3	57		6.2	25	5	15		59	
All Other Causes	(Residual)	1,375			371			69		176		734	
45-54 YEARS													
All Causes of Death	A00-Y89	10,742		461.9	2,053		382.6	649		1,324		6,552	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	2,509	1	107.9	380	1	70.8	146	2	375	1	1,562	1
Ischemic Heart	I20-I25	1,803		77.5	269		50.1	112		212		1,176	
Acute Myocardial Infarction	I21-I22	530		22.8	63		11.7	37		51		367	
Other Heart Diseases	I26-I51	418		18.0	71		13.2	21		81		237	
Cardiomyopathy	I42	232		10.0	34		6.3	8		48		138	
Malignant Neoplasms	C00-C97	2,406	2	103.5	363	2	67.6	228	1	242	2	1,548	2
Lung Cancer	C33-C34	525		22.6	43		8.0	45		76		352	
Accidents	V01-X59, Y85-Y86	1,132	3	48.7	226	4	42.1	49	3	112	3	732	3
Motor Vehicle	(See Footnote)	384		16.5	82		15.3	27		33		237	
Poisonings	X40-X49	451		19.4	88		16.4	7		54		296	
Chronic Liver/Cirrhosis	K70, K73-K74	791	4	34.0	283	3	52.7	18	5	52		415	4
Intentional Self-Harm (Suicide)	X60-X84, X87.0	465	5	20.0	50		9.3	12		19		380	5
Firearms	X72-X74	210		9.0	22		4.1	2		9		177	
Human Immunodeficiency Virus Disease	B20-B24	385		16.6	90		16.8	8		92	4	192	
Cerebrovascular Diseases	I60-I69	354		15.2	93	5	17.3	44	4	73	5	140	
All Other Causes	(Residual)	2,700			568			144		359		1,583	
55-64 YEARS													
All Causes of Death	A00-Y89	13,843		991.4	2,070		795.1	960		1,493		9,145	
Malignant Neoplasms	C00-C97	4,548	1	325.7	538	1	206.6	381	1	453	2	3,132	1
Colon Cancer	C18	337		24.1	44		16.9	31		41		219	
Lung Cancer	C33-C34	1,466		105.0	115		44.2	111		159		1,067	
Pancreatic Cancer	C25	277		19.8	41		15.7	17		19		197	
Urinary Cancer	C64-C68	239		17.1	29		11.1	16		23		167	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	3,995	2	286.1	527	2	202.4	232	2	472	1	2,700	2
Ischemic Heart	I20-I25	3,189		228.4	428		164.4	191		360		2,161	
Acute Myocardial Infarction	I21-I22	997		71.4	128		49.2	72		95		686	
Other Heart Diseases	I26-I51	501		35.9	59		22.7	21		65		344	
Cardiomyopathy	I42	263		18.8	30		11.5	11		43		175	
Chronic Liver/Cirrhosis	K70, K73-K74	606	3	43.4	200	3	76.8	16		49		334	5
Chronic Lower Respiratory Diseases	J40-J47	564	4	40.4	34		13.1	26	5	60	5	439	3
Cerebrovascular Diseases	I60-I69	541	5	38.7	118	5	45.3	79	3	75	3	264	
Accidents	V01-X59, Y85-Y86	525		37.6	116		44.6	20		44		337	4
Diabetes	E10-E14	521		37.3	135	4	51.9	45	4	65	4	266	
All Other Causes	(Residual)	2,543			402			161		275		1,673	

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TABLE 5-9A. LEADING CAUSES OF **MALE** DEATHS AND AGE-SPECIFIC DEATH RATES FOR HISPANICS AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence) - Cont.
(Rates are per 100,000 population in specified groups.)

AGE GROUPS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL MALES[1]			HISPANIC			NON-HISPANIC SINGLE RACE GROUPS					
								ASIAN		BLACK		WHITE/OTHER	
		DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	DEATHS	RANK	DEATHS	RANK
65-74 YEARS													
All Causes of Death	A00-Y89	21,792		2,377.5	2,962		1,942.1	1,537		1,914		15,162	
Malignant Neoplasms	C00-C97	7,319	1	798.5	855	2	560.6	517	1	624	1	5,256	1
Colon Cancer	C18	540		58.9	62		40.7	43		52		381	
Pancreatic Cancer	C25	425		46.4	51		33.4	27		35		309	
Lung Cancer	C33-C34	2,439		266.1	203		133.1	182		200		1,829	
Prostate Cancer	C61	604		65.9	91		59.7	17		92		401	
Urinary Cancer	C64-C68	406		44.3	42		27.5	17		27		318	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	6,470	2	705.9	878	1	575.7	416	2	614	2	4,493	2
Hypertensive Heart	I11, I13	319		34.8	39		25.6	19		50		207	
Ischemic Heart	I20-I25	5,359		584.7	731		479.3	339		490		3,742	
Acute Myocardial Infarction	I21-I22	1,775		193.7	259		169.8	130		134		1,238	
Other Heart Diseases	I26-I51	765		83.5	101		66.2	57		72		527	
Cardiomyopathy	I42	312		34.0	42		27.5	15		37		215	
Chronic Lower Respiratory Diseases	J40-J47	1,417	3	154.6	90		59.0	72	4	96	4	1,149	3
Emphysema	J43	203		22.1	5			13		9		173	
Cerebrovascular Diseases	I60-I69	1,292	4	141.0	210	4	137.7	154	3	143	3	769	4
Diabetes	E10-E14	789	5	86.1	221	3	144.9	60	5	82	5	415	5
Influenza & Pneumonia	J10-J18	466		50.8	62		40.7	43		46		312	
Chronic Liver/Cirrhosis	K70, K73-K74	459		50.1	138	5	90.5	12		19		284	
All Other Causes	(Residual)	3,580			508			263		290		2,484	
75-84 YEARS													
All Causes of Death	A00-Y89	33,298		6,082.3	3,187		4,435.7	2,297		1,866		25,783	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	11,100	1	2,027.6	1,045	1	1,454.4	721	1	624	1	8,670	1
Hypertensive Heart	I11, I13	433		79.1	48		66.8	29		47		309	
Ischemic Heart	I20-I25	9,116		1,665.2	864		1,202.5	610		492		7,114	
Acute Myocardial Infarction	I21-I22	2,860		522.4	283		393.9	235		165		2,167	
Other Heart Diseases	I26-I51	1,518		277.3	130		180.9	81		84		1,219	
Cardiomyopathy	I42	450		82.2	43		59.8	20		36		350	
Malignant Neoplasms	C00-C97	8,302	2	1,516.5	762	2	1,060.6	594	2	514	2	6,392	2
Colon Cancer	C18	707		129.1	47		65.4	55		58		543	
Pancreatic Cancer	C25	450		82.2	54		75.2	27		26		342	
Lung Cancer	C33-C34	2,341		427.6	164		228.3	184		141		1,840	
Prostate Cancer	C61	1,244		227.2	149		207.4	55		125		907	
Urinary Cancer	C64-C68	468		85.5	35		48.7	30		14		386	
Cerebrovascular Diseases	I60-I69	2,707	3	494.5	296	3	412.0	252	3	164	3	1,987	4
Chronic Lower Respiratory Disease	J40-J47	2,487	4	454.3	141	5	196.2	156	4	101	4	2,072	3
Emphysema	J43	351		64.1	22		30.6	21		16		289	
Influenza & Pneumonia	J10-J18	1,361	5	248.6	130		180.9	109	5	89	5	1,020	5
Diabetes	E10-E14	931		170.1	187	4	260.3	66		67		604	
All Other Causes	(Residual)	6,410			626			399		307		5,038	
85 YEARS AND OVER													
All Causes of Death	A00-Y89	22,302		14,913.0	1,693		8,691.4	1,570		935		18,034	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	8,710	1	5,824.3	644	1	3,306.1	537	1	375	1	7,123	1
Ischemic Heart	I20-I25	6,924		4,630.0	538		2,761.9	438		298		5,626	
Acute Myocardial Infarction	I21-I22	1,969		1,316.6	172		883.0	156		101		1,531	
Other Heart Diseases	I26-I51	1,435		959.6	76		390.2	73		55		1,226	
Heart Failure	I50	611		408.6	37		189.9	31		25		514	
Malignant Neoplasms	C00-C97	3,408	2	2,278.9	243	2	1,247.5	232	2	169	2	2,755	2
Colon Cancer	C18	318		212.6	22		112.9	25		13		258	
Lung Cancer	C33-C34	675		451.4	42		215.6	54		41		536	
Prostate Cancer	C61	836		559.0	61		313.2	45		64		662	
Cerebrovascular Diseases	I60-I69	2,185	3	1,461.1	157	3	806.0	197	3	70	3	1,756	3
Influenza & Pneumonia	J10-J18	1,478	4	988.3	143	4	734.1	152	4	58	4	1,119	4
Chronic Lower Respiratory Diseases	J40-J47	1,294	5	865.3	103	5	528.8	117	5	48	5	1,023	5
All Other Causes	(Residual)	5,227			403			335		215		4,258	

[1] Total includes American Indian, Pacific Islander, 2 or More Races, and Unknown race.

[a] Ranks and rates are not calculated for less than 10 deaths.

* Beginning in 2000, up to three races were reported on death certificates.
Comparison of race data on this table with data for years prior to 2000 should be made with caution. See Chapter 6.

- Represents zero events.

Note: 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, 2001 Population: 1997-2040 Population Projections with Age, Sex and Race/Ethnic Detail, December 1998.

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TABLE 5-9B. LEADING CAUSES OF **FEMALE** DEATHS AND AGE-SPECIFIC DEATH RATES FOR HISPANICS AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups.)

AGE GROUPS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL FEMALES			HISPANIC			NON-HISPANIC SINGLE RACE GROUPS					
								ASIAN		BLACK		WHITE/OTHER	
		DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	DEATHS	RANK	DEATHS	RANK
UNDER 1 YEAR		SEE CHAPTER 4 FOR LEADING CAUSES OF INFANT DEATH BY RACE/ETHNIC GROUPS AND INFANT MORTALITY RATES											
1 - 4 YEARS													
All Causes of Death	A00-Y89	217		19.8	105		20.1	15		28		64	
Accidents	V01-X59, Y85-Y86	64	1	5.8	29	1	5.5	2	a	10	1	21	1
Motor Vehicle	(See Footnote)	24		2.2	10		1.9	-		2		7	
Drownings	W65-W74	28		2.6	12		2.3	2		3		11	
Malignant Neoplasms	C00-C97	39	2	3.6	22	2	4.2	3	a	1	a	11	2
Congenital Malformations	Q00-Q99	32	3	2.9	17	3	3.3	2	a	3	a	9	a
Assault (Homicide)	X85-Y09, Y87.1	18	4	1.6	7	a	a	-		2	a	6	a
All Other Causes	(Residual)	64			30			8		12		17	
5-9 YEARS													
All Causes of Death	A00-Y89	160		11.2	64		9.8	15		17		59	
Accidents	V01-X59, Y85-Y86	44	1	3.1	20	1	3.1	7	a	3	a	12	2
Motor Vehicle	(See Footnote)	30		2.1	14		2.1	5		2		8	
Malignant Neoplasms	C00-C97	42	2	2.9	20	1	3.1	4	a	2	a	16	1
Leukemia	C91-C95	16		1.1	9		a	1		1		5	
Congenital Malformations	Q00-Q99	17	3	1.2	4	a	a	1	a	3	a	8	a
Assault (Homicide)	X85-Y09, Y87.1	4	a	a	-			-		-		4	a
All Other Causes	(Residual)	53			20			3		9		19	
10-14 YEARS													
All Causes of Death	A00-Y89	179		13.4	77		14.9	19		18		64	
Accidents	V01-X59, Y85-Y86	62	1	4.7	26	1	5.0	6	a	10	1	20	1
Motor Vehicle	(See Footnote)	43		3.2	20		3.9	3		5		15	
Malignant Neoplasms	C00-C97	33	2	2.5	18	2	3.5	3	a	1	a	11	2
Leukemia	C91-C95	13		1.0	8		a	1		-		4	a
Congenital Malformations	Q00-Q99	11	3	0.8	4	a	a	2	a	1	a	4	a
Diseases of the Heart	I00-I09, I11, I13, I20-I51	10	4	0.8	5	a	a	1	a	-		4	a
All Other Causes	(Residual)	63			24			7		6		25	
15-19 YEARS													
All Causes of Death	A00-Y89	367		31.2	124		29.6	37		38		158	
Accidents	V01-X59, Y85-Y86	158	1	13.4	46	1	11.0	16	1	14	1	74	1
Motor Vehicle	(See Footnote)	134		11.4	41		9.8	13		12		63	
Assault (Homicide)	X85-Y09, Y87.1	35	2	3.0	12	3	2.9	4	a	10	2	9	a
Firearms	X93-X95	27		2.3	11		2.6	1		10		5	
Malignant Neoplasms	C00-C97	32	3	2.7	16	2	3.8	4	a	1	a	10	3
Leukemia	C91-C95	14		1.2	6		a	2		-		5	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	23	4	2.0	9	a	a	3	a	-		11	2
All Other Causes	(Residual)	119			41			10		13		54	
20-24 YEARS													
All Causes of Death	A00-Y89	460		41.4	174		45.3	41		47		190	
Accidents	V01-X59, Y85-Y86	155	1	14.0	56	1	14.6	11	1	8	a	75	1
Motor Vehicle	(See Footnote)	121		10.9	45		11.7	11		6		55	
Poisonings	X40-X49	17		1.5	5		a	-		1		10	
Assault (Homicide)	X85-Y09, Y87.1	59	2	5.3	25	2	6.5	3	a	9	a	22	3
Firearms	X93-X95	33		3.0	12		3.1	3		8		10	
Malignant Neoplasms	C00-C97	46	3	4.1	12	3	3.1	6		1		26	2
Leukemia	C91-C95	4		a	2		a	-		-		2	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	33	4	3.0	8	a	a	4	a	3	a	18	4
Diseases of the Heart	I00-I09, I11, I13, I20-I51	18	5	1.6	7	a	a	2	a	4	a	4	a
All Other Causes	(Residual)	149			66			15		22		45	

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TABLE 5-9B. LEADING CAUSES OF **FEMALE** DEATHS AND AGE-SPECIFIC DEATH RATES FOR HISPANICS AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence) - Cont.

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

AGE GROUPS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL FEMALES			HISPANIC			NON-HISPANIC SINGLE RACE GROUPS					
								ASIAN		BLACK		WHITE/OTHER	
		DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	DEATHS	RANK	DEATHS	RANK
25-34 YEARS													
All Causes of Death	A00-Y89	1,250		53.8	388		49.1	109		197		540	
Accidents	V01-X59, Y85-Y86	277	1	11.9	82	2	10.4	13	3	39	1	141	1
Motor Vehicle	(See Footnote)	162		7.0	57		7.2	11		24		69	
Poisonings	X40-X49	73		3.1	12		1.5	1		7		52	
Malignant Neoplasms	C00-C97	256	2	11.0	92	1	11.7	28	1	25	3	108	2
Diseases of the Heart	I00-I09, I11, I13, I20-I51	101	3	4.3	27	3	3.4	5	a	28	2	40	4
Intentional Self-Harm (Suicide)	X60-X84, X87.0	100	4	4.3	21	4	2.7	20	2	3		55	3
Assault (Homicide)	X85-Y09, Y87.1	76	5	3.3	23	5	2.9	7	a	21	4	21	5
Firearms	X93-X95	42		1.8	10		1.3	5		14		11	
Human Immunodeficiency Virus Disease	B20-B24	39		1.7	15		1.9	-		18	5	6	
All Other Causes	(Residual)	401			128			36		63		169	
35-44 YEARS													
All Causes of Death	A00-Y89	3,294		117.3	751		95.7	211		480		1,790	
Malignant Neoplasms	C00-C97	983	1	35.0	250	1	31.8	107	1	106	1	507	1
Breast Cancer	C50	322		11.5	79		10.1	39		49		152	
Accidents	V01-X59, Y85-Y86	475	2	16.9	103	2	13.1	20	2	59	3	281	2
Motor Vehicle	(See Footnote)	195		6.9	59		7.5	17		28		87	
Poisonings	X40-X49	211		7.5	30		3.8	1		27		147	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	331	3	11.8	52	3	6.6	14	3	90	2	167	3
Ischemic heart	I20-I25	125		4.4	16		2.0	7		27		73	
Other Heart Diseases	I26-I51	138		4.9	27		3.4	4		35		67	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	164	4	5.8	14		1.8	9	a	9		129	4
Chronic Liver/Cirrhosis	K70, K73-K74	164	4	5.8	43	4	5.5	4		9		103	5
Cerebrovascular Diseases	I60-I69	121	5	4.3	41	5	5.2	10	4	15	5	55	
Assault (Homicide)	X85-Y09, Y87.1	88		3.1	30		3.8	1		18	4	38	
Firearms	X93-X95	42		1.5	17		2.2	0		13		12	
All Other Causes	(Residual)	968			218			46		174		510	
45-54 YEARS													
All Causes of Death	A00-Y89	6,600		281.0	1,158		225.1	474		982		3,896	
Malignant Neoplasms	C00-C97	2,669	1	113.6	480	1	93.3	287	1	296	1	1,582	1
Lung Cancer	C33-C34	436		18.6	33		6.4	40		55		306	
Breast Cancer	C50	751		32.0	127		24.7	83		87		446	
Cancer of Female Genitals	C51-C58	371		15.8	98		19.1	39		29		200	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	899	2	38.3	133	2	25.9	40	2	220	2	491	2
Ischemic Heart	I20-I25	526		22.4	91		17.7	20		112		296	
Acute Myocardial Infarction	I21-I22	190		8.1	27		5.2	10		37		114	
Other Heart Diseases	I26-I51	250		10.6	29		5.6	13		64		138	
Accidents	V01-X59, Y85-Y86	443	3	18.9	66	4	12.8	25	4	48	4	300	3
Chronic Liver/Cirrhosis	K70, K73-K74	313	4	13.3	59		11.5	3		23		219	4
Cerebrovascular Diseases	I60-I69	302	5	12.9	85	3	16.5	34	3	62	3	117	
Diabetes	E10-E14	216		9.2	60	5	11.7	6		47	5	101	
Chronic Lower Respiratory Diseases	J40-J47	178		7.6	24		4.7	5		30		118	
Intentional Self-Harm (Suicide)	X60-X84, X87.0	161		6.9	13		2.5	11	5	7		130	5
All Other Causes	(Residual)	1,419			238			63		249		838	
55-64 YEARS													
All Causes of Death	A00-Y89	9,502		648.0	1,415		519.2	667		1,107		6,178	
Malignant Neoplasms	C00-C97	4,029	1	274.8	516	1	189.3	311	1	383	1	2,775	1
Colon Cancer	C18	242		16.5	30		11.0	22		37		151	
Lung Cancer	C33-C34	1,089		74.3	58		21.3	63		100		857	
Breast Cancer	C50	800		54.6	109		40.0	62		77		546	
Cancer of Female Genitals	C51-C58	497		33.9	82		30.1	55		38		314	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	1,766	2	120.4	277	2	101.6	90	2	289	2	1,086	2
Ischemic Heart	I20-I25	1,269		86.5	194		71.2	65		197		795	
Acute Myocardial Infarction	I21-I22	462		31.5	74		27.2	28		73		277	
Other Heart Diseases	I26-I51	328		22.4	54		19.8	16		52		202	
Cardiomyopathy	I42	125		8.5	19		7.0	7		27		70	
Chronic Lower Respiratory Diseases	J40-J47	527	3	35.9	29		10.6	13		37	5	442	3
Cerebrovascular Diseases	I60-I69	478	4	32.6	71	4	26.1	73	3	74	3	253	4
Diabetes	E10-E14	413	5	28.2	134	3	49.2	27	4	47	4	191	5
Chronic Liver/Cirrhosis	K70, K73-K74	252		17.2	55	5	20.2	7		27		156	
Accidents	V01-X59, Y85-Y86	232		15.8	34		12.5	20	5	23		154	
All Other Causes	(Residual)	1,805			299			126		227		1,121	

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TABLE 5-9B. LEADING CAUSES OF **FEMALE** DEATHS AND AGE-SPECIFIC DEATH RATES FOR HISPANICS AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence) - Cont.

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

AGE GROUPS AND CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL FEMALES			HISPANIC			NON-HISPANIC SINGLE RACE GROUPS					
								ASIAN		BLACK		WHITE/OTHER	
		DEATHS	RANK	RATES	DEATHS	RANK	RATES	DEATHS	RANK	DEATHS	RANK	DEATHS	RANK
65-74 YEARS													
All Causes of Death	A00-Y89	17,913		1,689.9	2,498		1,394.4	1,330		1,548		12,374	
Malignant Neoplasms	C00-C97	6,462	1	609.6	712	1	397.4	474	1	496		4,742	1
Colon Cancer	C18	494		46.6	51		28.5	40		52		349	
Pancreatic Cancer	C25	350		33.0	41		22.9	31		25		250	
Lung Cancer	C33-C34	1,918		180.9	117		65.3	98		146		1,546	
Breast Cancer	C50	845		79.7	84		46.9	45		61		650	
Cancer of Female Genitals	C51-C58	608		57.4	87		48.6	30		36		453	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	4,311	2	406.7	657	2	366.7	293	2	487		2,827	2
Hypertensive Heart	I11, I13	246		23.2	30		16.7	23		51		141	
Ischemic Heart	I20-I25	3,367		317.6	521		290.8	220		366		2,221	
Acute Myocardial Infarction	I21-I22	1,135		107.1	169		94.3	80		125		744	
Other Heart Diseases	I26-I51	642		60.6	90		50.2	46		64		436	
Chronic Lower Respiratory Diseases	J40-J47	1,516	3	143.0	80	5	44.7	47	5	67		1,314	3
Emphysema	J43	210		19.8	10		5.6	3		12		184	
Cerebrovascular Diseases	I60-I69	1,145	4	108.0	169	4	94.3	154	3	127		679	4
Diabetes	E10-E14	821	5	77.5	261	3	145.7	60	4	105		380	5
Influenza & Pneumonia	J10-J18	387		36.5	65		36.3	34		27		257	
All Other Causes	(Residual)	3,271			554			268		239		2,175	
75-84 YEARS													
All Causes of Death	A00-Y89	34,272		4,337.7	3,149		3,120.2	2,074		2,067		26,770	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	10,474	1	1,325.7	952	1	943.3	652	1	731	1	8,073	1
Hypertensive Heart	I11, I13	601		76.1	47		46.6	49		69		429	
Ischemic Heart	I20-I25	8,148		1,031.3	757		750.1	514		581		6,244	
Acute Myocardial Infarction	I21-I22	2,606		329.8	261		258.6	187		198		1,947	
Other Heart Diseases	I26-I51	1,637		207.2	142		140.7	80		76		1,334	
Heart Failure	I50	540		68.3	52		51.5	23		25		439	
Malignant Neoplasms	C00-C97	7,904	2	1,000.4	648	2	642.1	491	2	418	2	6,304	2
Colon Cancer	C18	713		90.2	55		54.5	50		63		544	
Pancreatic Cancer	C25	519		65.7	59		58.5	38		69		429	
Lung Cancer	C33-C34	2,124		268.8	106		105.0	122		98		1,782	
Breast Cancer	C50	901		114.0	64		63.4	36		43		755	
Cancer of Female Genitals	C51-C58	742		93.9	74		73.3	38		38		584	
Cerebrovascular Diseases	I60-I69	3,572	3	452.1	330	3	327.0	258	3	255	3	2,707	3
Chronic Lower Respiratory Diseases	J40-J47	2,733	4	345.9	131	5	129.8	59		77		2,453	4
Emphysema	J43	373		47.2	11		10.9	7		14		339	
Influenza & Pneumonia	J10-J18	1,320	5	167.1	143		141.7	95	5	83	5	988	5
Diabetes	E10-E14	1,117		141.4	263	4	260.6	103	4	116	4	626	
Alzheimer's Disease	G30	1,038		131.4	54		53.5	19		57		904	
All Other Causes	(Residual)	6,114			628			397		330		4,715	
85 YEARS AND OVER													
All Causes of Death	A00-Y89	41,277		12,954.5	2,978		7,617.3	1,869		1,935		34,347	
Diseases of the Heart	I00-I09, I11, I13, I20-I51	17,120	1	5,373.0	1,216	1	3,110.4	721	1	851	1	14,275	1
Hypertensive Heart	I11, I13	955		299.7	68		173.9	45		69		767	
Ischemic Heart	I20-I25	13,184		4,137.7	967		2,473.5	585		668		10,924	
Acute Myocardial Infarction	I21-I22	3,350		1,051.4	257		657.4	185		208		2,692	
Other Heart Diseases	I26-I51	2,910		913.3	177		452.7	86		113		2,523	
Heart Failure	I50	1,233		387.0	82		209.7	37		51		1,059	
Cerebrovascular Diseases	I60-I69	5,101	2	1,600.9	360	2	920.8	297	2	250	2	4,178	2
Malignant Neoplasms	C00-C97	4,051	3	1,271.4	271	3	693.2	199	3	206	3	3,362	3
Colon Cancer	C18	564		177.0	35		89.5	32		24		472	
Lung Cancer	C33-C34	733		230.0	35		89.5	50		33		615	
Breast Cancer	C50	509		159.7	26		66.5	17		26		439	
Influenza & Pneumonia	J10-J18	2,494	4	782.7	207	4	529.5	137	4	97	4	2,041	4
Alzheimer's Disease	G30	2,148	5	674.1	95		243.0	44		83	5	1,915	5
Chronic Lower Respiratory Diseases	J40-J47	1,939		608.5	102		260.9	70	5	58		1,701	
Atherosclerosis	I70	615		193.0	47		120.2	17		19		529	
Diabetes	E10-E14	701		220.0	133	5	340.2	52		60		452	
All Other Causes	(Residual)	7,108			547			332		311		5,894	

[1] Total includes American Indian, Pacific Islander, 2 or More Races, and Unknown race.

[a] Ranks and rates are not calculated for less than 10 deaths.

* Beginning in 2000, up to three races were reported on death certificates.
Comparison of race data on this table with data for years prior to 2000 should be made with caution. See Chapter 6.

- Represents zero events.

Note: 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, 2001 Population: 1997-2040 Population Projections with Age, Sex and Race/Ethnic Detail, December 1998.

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TABLE 5-10. TEN LEADING CAUSES OF DEATH, PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES BY SEX, CALIFORNIA, 2001 (By Place of Residence)

(Rates are per 100,000 population in specified groups. Age-adjusted rates are calculated using Year 2000 U.S. standard population.)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]	DEATH RATE	AGE-ADJUSTED RATE
	ALL CAUSES	A00-Y899	232,790	100.0	660.7	749.3
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	69,004	29.6	195.8	225.9
2	MALIGNANT NEOPLASMS	C00-C97	53,810	23.1	152.7	173.4
3	CEREBROVASCULAR DISEASES	I60-I69	18,078	7.8	51.3	59.4
4	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	13,056	5.6	37.1	43.0
5	ACCIDENTS	V01-X59, Y85-Y86	9,274	4.0	26.3	27.4
6	INFLUENZA & PNEUMONIA	J10-J18	8,167	3.5	23.2	26.9
7	DIABETES	E10-E14	6,457	2.8	18.3	20.9
8	ALZHEIMER'S DISEASE	G30	4,897	2.1	13.9	16.3
9	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	3,759	1.6	10.7	11.5
10	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	3,256	1.4	9.2	9.6
	ALL OTHER CAUSES	(Residual)	43,032	18.5		
MALES:						
	ALL CAUSES	A00-Y899	116,000	100.0	655.6	884.5
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	33,924	29.2	191.7	273.5
2	MALIGNANT NEOPLASMS	C00-C97	27,255	23.5	154.0	205.3
3	CEREBROVASCULAR DISEASE	I60-I69	7,295	6.3	41.2	60.7
4	ACCIDENTS	V01-X59, Y85-Y86	6,236	5.4	35.2	38.1
5	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	6,062	5.2	34.3	49.2
6	INFLUENZA & PNEUMONIA	J10-J18	3,691	3.2	20.9	32.1
7	DIABETES	E10-E14	3,088	2.7	17.5	23.1
8	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	2,571	2.2	14.5	15.9
9	CHRONIC LIVER DISEASE & CIRRHOSIS	K70,K73-K74	2,524	2.2	14.3	16.2
10	ASSAULT (Homicide)	X85-Y09, Y87.1	1,860	1.6	10.5	10.3
	ALL OTHER CAUSES	(Residual)	21,494	18.5		
FEMALES:						
	ALL CAUSES	A00-Y899	116,790	100.0	665.9	642.1
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	35,080	30.0	200.0	188.2
2	MALIGNANT NEOPLASMS	C00-C97	26,555	22.7	151.4	152.4
3	CEREBROVASCULAR DISEASE	I60-I69	10,783	9.2	61.5	57.9
4	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	6,994	6.0	39.9	39.1
5	INFLUENZA & PNEUMONIA	J10-J18	4,476	3.8	25.5	23.6
6	ALZHEIMER'S DISEASE	G30	3,370	2.9	19.2	17.5
7	DIABETES	E10-E14	3,369	2.9	19.2	19.2
8	ACCIDENTS	V01-X59, Y85-Y86	3,038	2.6	17.3	17.2
9	HYPERTENSION	I10, I12	1,415	1.2	8.1	7.6
10	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	1,235	1.1	7.0	7.2
	ALL OTHER CAUSES	(Residual)	20,475	17.5		

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

Source: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 2000 Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

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TABLE 5-10A. TEN LEADING CAUSES OF DEATH, PERCENT OF DEATHS, DEATH RATES, AND AGE-ADJUSTED DEATH RATES BY SEX - **HISPANIC** - CALIFORNIA, 2001 (By Place of Residence)

(Rates are per 100,000 population in specified groups. Age-adjusted rates are calculated using Year 2000 U.S. standard population.)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]	DEATH RATE	AGE-ADJUSTED RATE
	ALL CAUSES	A00-Y899	30,365	100.0	275.5	551.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	7,069	23.3	64.1	154.4
2	MALIGNANT NEOPLASMS	C00-C97	6,216	20.5	56.4	116.5
3	ACCIDENTS	V01-X59, Y85-Y86	2,309	7.6	21.0	25.2
4	CEREBROVASCULAR DISEASES	I60-I69	2,038	6.7	18.5	44.2
5	DIABETES	E10-E14	1,601	5.3	14.5	33.0
6	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	1,150	3.8	10.4	17.9
7	ASSAULT (Homicide)	X85-Y09, Y87.1	958	3.2	8.7	8.5
8	INFLUENZA & PNEUMONIA	J10-J18	891	2.9	8.1	20.6
9	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	780	2.6	7.1	17.6
10	CERTAIN PERINATAL CONDITIONS	P00-P96	613	2.0	5.6	3.1
	ALL OTHER CAUSES	(Residual)	6,740	22.2		
MALES:						
	ALL CAUSES	A00-Y899	16,889	100.0	295.8	655.9
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	3,723	22.0	65.2	185.7
2	MALIGNANT NEOPLASMS	C00-C97	3,152	18.7	55.2	137.2
3	ACCIDENTS	V01-X59, Y85-Y86	1,723	10.2	30.2	36.3
4	CEREBROVASCULAR DISEASE	I60-I69	960	5.7	16.8	47.8
5	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	868	5.1	15.2	27.3
6	ASSAULT (Homicide)	X85-Y09, Y87.1	824	4.9	14.4	13.9
7	DIABETES	E10-E14	720	4.3	12.6	32.6
8	INFLUENZA & PNEUMONIA	J10-J18	422	2.5	7.4	24.2
9	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	416	2.5	7.3	8.5
10	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	397	2.4	7.0	22.6
	ALL OTHER CAUSES	(Residual)	3,684	21.8		
FEMALES:						
	ALL CAUSES	A00-Y899	13,476	100.0	253.7	462.1
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	3,346	24.8	63.0	129.1
2	MALIGNANT NEOPLASMS	C00-C97	3,064	22.7	57.7	102.9
3	CEREBROVASCULAR DISEASE	I60-I69	1,078	8.0	20.3	40.9
4	DIABETES	E10-E14	881	6.5	16.6	33.0
5	ACCIDENTS	V01-X59, Y85-Y86	586	4.3	11.0	13.7
6	INFLUENZA & PNEUMONIA	J10-J18	469	3.5	8.8	18.3
7	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	383	2.8	7.2	14.7
8	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	282	2.1	5.3	9.1
9	CERTAIN PERINATAL CONDITIONS	P00-P96	274	2.0	5.2	2.9
10	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	242	1.8	4.6	3.2
	ALL OTHER CAUSES	(Residual)	2,871	21.3		

Note: Hispanic includes any race category.

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

Source: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 2001Population: 1997-2040 Population Projections by Age, Sex, and Race/Ethnic Detail, December 1998.

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TABLE 5-10B. TEN LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY SEX
- **2 OR MORE RACE GROUPS** - CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]
	ALL CAUSES	A00-Y899	369	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	76	20.6
2	MALIGNANT NEOPLASMS	C00-C97	75	20.3
3	ACCIDENTS	V01-X59, Y85-Y86	27	7.3
4	CEREBROVASCULAR DISEASES	I60-I69	25	6.8
5	CERTAIN PERINATAL CONDITIONS	P00-P96	21	5.7
6	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	16	4.3
7	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	15	4.1
8	ASSAULT (Homicide)	X85-Y09, Y87.1	14	3.8
9	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	12	3.3
10	SUDDEN INFANT DEATH SYNDROME	R95	10	2.7
	ALL OTHER CAUSES	(Residual)	78	21.1
MALES:				
	ALL CAUSES	A00-Y899	197	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	36	18.3
2	MALIGNANT NEOPLASMS	C00-C97	35	17.8
3	ACCIDENTS	V01-X59, Y85-Y86	17	8.6
4	ASSAULT (Homicide)	X85-Y09, Y87.1	11	5.6
4	CERTAIN PERINATAL CONDITIONS	P00-P96	11	5.6
5	CEREBROVASCULAR DISEASES	I60-I69	10	5.1
5	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	10	5.1
5	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	10	5.1
5	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	10	5.1
[a]	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	7	3.6
	ALL OTHER CAUSES	(Residual)	40	20.3
FEMALES:				
	ALL CAUSES	A00-Y899	172	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	40	23.3
2	MALIGNANT NEOPLASMS	C00-C97	40	23.3
3	CEREBROVASCULAR DISEASE	I60-I69	15	8.7
4	ACCIDENTS	V01-X59, Y85-Y86	10	5.8
4	CERTAIN PERINATAL CONDITIONS	P00-P96	10	5.8
[a]	ALZHEIMER'S DISEASE	G30	6	3.5
[a]	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	6	3.5
[a]	INFLUENZA & PNEUMONIA	J10-J18	6	3.5
	ALL OTHER CAUSES	(Residual)	39	22.7

Note: Beginning in 2000, up to three races were reported on death certificates. The 2 or More Race Groups exclude decedents of Hispanic origin.
These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

[a] Ranks are not shown for less than ten deaths.

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

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TABLE 5-10C. TEN LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY SEX
- **AMERICAN INDIAN** - CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]
	ALL CAUSES	A00-Y899	888	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	218	24.5
2	MALIGNANT NEOPLASMS	C00-C97	167	18.8
3	ACCIDENTS	V01-X59, Y85-Y86	64	7.2
4	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	63	7.1
5	CEREBROVASCULAR DISEASES	I60-I69	48	5.4
6	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	43	4.8
6	DIABETES	E10-E14	43	4.8
7	INFLUENZA & PNEUMONIA	J10-J18	28	3.2
8	NEPHRITIS	N00-N07, N17-N19, N25-N27	17	1.9
9	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	12	1.4
10	ASSAULT (Homicide)	X85-Y09, Y87.1	11	1.2
	ALL OTHER CAUSES	(Residual)	174	19.6
MALES:				
	ALL CAUSES	A00-Y899	470	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	117	24.9
2	MALIGNANT NEOPLASMS	C00-C97	89	18.9
3	ACCIDENTS	V01-X59, Y85-Y86	44	9.4
4	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	37	7.9
5	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	20	4.3
6	DIABETES	E10-E14	18	3.8
7	CEREBROVASCULAR DISEASE	I60-I69	17	3.6
8	INFLUENZA & PNEUMONIA	J10-J18	11	2.3
8	ASSAULT (Homicide)	X85-Y09, Y87.1	11	2.3
9	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	10	2.1
	ALL OTHER CAUSES	(Residual)	96	20.4
FEMALES:				
	ALL CAUSES	A00-Y899	418	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	101	24.2
2	MALIGNANT NEOPLASMS	C00-C97	78	18.7
3	CEREBROVASCULAR DISEASE	I60-I69	31	7.4
4	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	26	6.2
5	DIABETES	E10-E14	25	6.0
6	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	23	5.5
7	ACCIDENTS	V01-X59, Y85-Y86	20	4.8
8	INFLUENZA & PNEUMONIA	J10-J18	17	4.1
9	NEPHRITIS	N00-N07, N17-N19, N25-N27	10	2.4
[a]	ALZHEIMER'S DISEASE	G30	8	1.9
	ALL OTHER CAUSES	(Residual)	79	18.9

Note: Beginning in 2000, up to three races were reported on death certificates. The American Indian race/ethnic group includes Eskimo and Aleut and excludes the 2 or more race groups, as well as decedents of Hispanic origin. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

[a] Ranks are not shown for less than ten deaths.

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

California Department of Health Services 151 Vital Statistics of California, 2001

TABLE 5-10D. TEN LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY SEX
- **ASIAN** - CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]
	ALL CAUSES	A00-Y899	14,845	100.0
1	MALIGNANT NEOPLASMS	C00-C97	4,002	27.0
2	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	3,949	26.6
3	CEREBROVASCULAR DISEASES	I60-I69	1,592	10.7
4	INFLUENZA & PNEUMONIA	J10-J18	620	4.2
5	ACCIDENTS	V01-X59, Y85-Y86	591	4.0
6	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	589	4.0
7	DIABETES	E10-E14	493	3.3
8	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	217	1.5
9	NEPHRITIS	N00-N07, N17-N19, N25-N27	209	1.4
10	HYPERTENSION	I10, I12	185	1.2
	ALL OTHER CAUSES	(Residual)	2,398	16.2
MALES:				
	ALL CAUSES	A00-Y899	7,886	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	2,129	27.0
2	MALIGNANT NEOPLASMS	C00-C97	2,084	26.4
3	CEREBROVASCULAR DISEASE	I60-I69	756	9.6
4	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	393	5.0
5	ACCIDENTS	V01-X59, Y85-Y86	373	4.7
6	INFLUENZA & PNEUMONIA	J10-J18	333	4.2
7	DIABETES	E10-E14	239	3.0
8	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	155	2.0
9	NEPHRITIS	N00-N07, N17-N19, N25-N27	103	1.3
10	AORTIC ANEURYSM	I71	90	1.1
	ALL OTHER CAUSES	(Residual)	1,231	15.6
FEMALES:				
	ALL CAUSES	A00-Y899	6,959	100.0
1	MALIGNANT NEOPLASMS	C00-C97	1,918	27.6
2	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	1,820	26.2
3	CEREBROVASCULAR DISEASE	I60-I69	836	12.0
4	INFLUENZA & PNEUMONIA	J10-J18	287	4.1
5	DIABETES	E10-E14	254	3.6
6	ACCIDENTS	V01-X59, Y85-Y86	218	3.1
7	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	196	2.8
8	HYPERTENSION	I10, I12	113	1.6
9	NEPHRITIS	N00-N07, N17-N19, N25-N27	106	1.5
10	ALZHEIMER'S DISEASE	G30	71	1.0
	ALL OTHER CAUSES	(Residual)	1,140	16.4

Note: Beginning in 2000, up to three races were reported on death certificates. The Asian race/ethnic group excludes the 2 or more race groups, as well as decedents of Hispanic origin. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

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

California Department of Health Services 152 Vital Statistics of California, 2001

TABLE 5-10E. TEN LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY SEX
- **BLACK** - CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]
	ALL CAUSES	A00-Y899	18,021	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	5,351	29.7
2	MALIGNANT NEOPLASMS	C00-C97	4,050	22.5
3	CEREBROVASCULAR DISEASES	I60-I69	1,335	7.4
4	ACCIDENTS	V01-X59, Y85-Y86	715	4.0
5	DIABETES	E10-E14	704	3.9
6	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	652	3.6
7	ASSAULT (Homicide)	X85-Y09, Y87.1	635	3.5
8	INFLUENZA & PNEUMONIA	J10-J18	480	2.7
9	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	B20-B24	385	2.1
10	HYPERTENSION	I10, I12	302	1.7
	ALL OTHER CAUSES	(Residual)	3,412	18.9
MALES:				
	ALL CAUSES	A00-Y899	9,364	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	2,644	28.2
2	MALIGNANT NEOPLASMS	C00-C97	2,114	22.6
3	ASSAULT (Homicide)	X85-Y09, Y87.1	551	5.9
4	CEREBROVASCULAR DISEASE	I60-I69	545	5.8
5	ACCIDENTS	V01-X59, Y85-Y86	459	4.9
6	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	361	3.9
7	DIABETES	E10-E14	309	3.3
8	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	B20-B24	291	3.1
9	INFLUENZA & PNEUMONIA	J10-J18	231	2.5
10	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	146	1.6
	ALL OTHER CAUSES	(Residual)	1,713	18.3
FEMALES:				
	ALL CAUSES	A00-Y899	8,657	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	2,707	31.3
2	MALIGNANT NEOPLASMS	C00-C97	1,936	22.4
3	CEREBROVASCULAR DISEASE	I60-I69	790	9.1
4	DIABETES	E10-E14	395	4.6
5	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	291	3.4
6	ACCIDENTS	V01-X59, Y85-Y86	256	3.0
7	INFLUENZA & PNEUMONIA	J10-J18	249	2.9
8	HYPERTENSION	I10, I12	161	1.9
9	ALZHEIMER'S DISEASE	G30	148	1.7
10	NEPHRITIS	N00-N07, N17-N19, N25-N27	117	1.4
	ALL OTHER CAUSES	(Residual)	1,607	18.6

Note: Beginning in 2000, up to three races were reported on death certificates. The Black race/ethnic group excludes the 2 or more race groups, as well as decedents of Hispanic origin. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

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

California Department of Health Services 153 Vital Statistics of California, 2001

TABLE 5-10F. TEN LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY SEX
- **PACIFIC ISLANDER** - CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]
	ALL CAUSES	A00-Y899	561	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	177	31.6
2	MALIGNANT NEOPLASMS	C00-C97	130	23.2
3	DIABETES	E10-E14	37	6.6
4	CEREBROVASCULAR DISEASES	I60-I69	34	6.1
5	ACCIDENTS	V01-X59, Y85-Y86	26	4.6
6	INFLUENZA & PNEUMONIA	J10-J18	20	3.6
7	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	18	3.2
[a]	ASSAULT (Homicide)	X85-Y09, Y87.1	8	1.4
[a]	NEPHRITIS	N00-N07, N17-N19, N25-N27	8	1.4
[a]	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	8	1.4
	ALL OTHER CAUSES	(Residual)	95	16.9
MALES:				
	ALL CAUSES	A00-Y899	313	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	109	34.8
2	MALIGNANT NEOPLASMS	C00-C97	72	23.0
3	DIABETES	E10-E14	17	5.4
4	ACCIDENTS	V01-X59, Y85-Y86	15	4.8
5	CEREBROVASCULAR DISEASE	I60-I69	14	4.5
[a]	INFLUENZA & PNEUMONIA	J10-J18	9	2.9
[a]	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	8	2.6
[a]	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	8	2.6
[a]	ASSAULT (Homicide)	X85-Y09, Y87.1	6	1.9
[a]	CERTAIN PERINATAL CONDITIONS	P00-P96	6	1.9
	ALL OTHER CAUSES	(Residual)	49	15.7
FEMALES:				
	ALL CAUSES	A00-Y899	248	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	68	27.4
2	MALIGNANT NEOPLASMS	C00-C97	58	23.4
3	CEREBROVASCULAR DISEASE	I60-I69	20	8.1
3	DIABETES	E10-E14	20	8.1
4	ACCIDENTS	V01-X59, Y85-Y86	11	4.4
4	INFLUENZA & PNEUMONIA	J10-J18	11	4.4
5	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	10	4.0
[a]	NEPHRITIS	N00-N07, N17-N19, N25-N27	6	2.4
	ALL OTHER CAUSES	(Residual)	44	17.7

Note: Beginning in 2000, up to three races were reported on death certificates. The Pacific Islander race/ethnic group excludes the 2 or more race groups, as well as decedents of Hispanic origin. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

[a] Ranks are not shown for less than ten deaths.

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

California Department of Health Services 154 Vital Statistics of California, 2001

TABLE 5-10G. TEN LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY SEX
- **WHITE/OTHER** - CALIFORNIA, 2001 (By Place of Residence)

RANK	CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS	PERCENT[1]
	ALL CAUSES	A00-Y899	167,570	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	52,135	31.1
2	MALIGNANT NEOPLASMS	C00-C97	39,152	23.4
3	CEREBROVASCULAR DISEASES	I60-I69	13,005	7.8
4	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	10,955	6.5
5	INFLUENZA & PNEUMONIA	J10-J18	6,113	3.6
6	ACCIDENTS	V01-X59, Y85-Y86	5,529	3.3
7	ALZHEIMER'S DISEASE	G30	4,289	2.6
8	DIABETES	E10-E14	3,570	2.1
9	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	2,386	1.4
10	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	2,197	1.3
	ALL OTHER CAUSES	(Residual)	28,239	16.9
MALES:				
	ALL CAUSES	A00-Y899	80,772	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	25,149	31.1
2	MALIGNANT NEOPLASMS	C00-C97	19,698	24.4
3	CEREBROVASCULAR DISEASE	I60-I69	4,992	6.2
4	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	4,870	6.0
5	ACCIDENTS	V01-X59, Y85-Y86	3,596	4.5
6	INFLUENZA & PNEUMONIA	J10-J18	2,677	3.3
7	INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	1,868	2.3
8	DIABETES	E10-E14	1,780	2.2
9	CHRONIC LIVER DISEASE & CIRRHOSIS	K70, K73-K74	1,392	1.7
10	ALZHEIMER'S DISEASE	G30	1,323	1.6
	ALL OTHER CAUSES	(Residual)	13,427	16.6
FEMALES:				
	ALL CAUSES	A00-Y899	86,798	100.0
1	DISEASES OF HEART	I00-I09, I11, I13, I20-I51	26,986	31.1
2	MALIGNANT NEOPLASMS	C00-C97	19,454	22.4
3	CEREBROVASCULAR DISEASE	I60-I69	8,013	9.2
4	CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	6,085	7.0
5	INFLUENZA & PNEUMONIA	J10-J18	3,436	4.0
6	ALZHEIMER'S DISEASE	G30	2,966	3.4
7	ACCIDENTS	V01-X59, Y85-Y86	1,933	2.2
8	DIABETES	E10-E14	1,790	2.1
9	HYPERTENSION	I10, I12	968	1.1
10	ATHEROSCLEROSIS	I70	815	0.9
	ALL OTHER CAUSES	(Residual)	14,352	16.5

Note: Beginning in 2000, up to three races were reported on death certificates. The White/Other race/ethnic group excludes the 2 or more race groups, as well as decedents of Hispanic origin. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

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

California Department of Health Services 155 Vital Statistics of California, 2001

TABLE 5-11. LEADING CAUSES OF DEATH AND PERCENT OF DEATHS BY RACE*, CALIFORNIA, 2001 (By Place of Residence)

RACE OF DECEDENT	TOTAL ALL CAUSES A00-Y89	LEADING CAUSES OF DEATH FOR CALIFORNIA												ALL OTHER CAUSES Residual
		Diseases of the Heart I00-I09, I11, I13, I20-I51	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	Hyperten-sion I10, I12	Assault (Homicide) X85-Y09, Y87.1	
DEATHS:														
TOTAL	232,790	69,004	53,810	18,078	13,056	9,274	8,167	6,457	4,897	3,759	3,256	2,348	2,301	38,383
2 OR MORE RACE GROUPS	469	91	97	29	16	37	10	13	7	15	11	-	16	127
AMERICAN INDIAN	978	237	179	52	44	73	31	53	10	66	12	7	16	198
BLACK	18,137	5,380	4,070	1,344	654	725	484	711	214	221	136	302	638	3,258
CAMBODIAN	294	55	58	40	11	17	11	15	-	6	5	9	10	57
CHINESE	4,412	1,148	1,301	493	193	146	220	133	36	24	54	55	23	586
ESKIMO/ALEUT	3	1	2	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	4,100	1,224	996	434	195	156	139	162	26	24	45	55	21	623
GUAMANIAN	79	22	21	4	1	3	6	7	-	2	2	1	-	10
HAWAIIAN	89	29	19	5	6	5	1	4	1	-	4	2	-	13
HMONG	160	27	26	20	9	9	6	5	1	-	6	5	8	38
INDIAN (INDIA)	716	257	118	54	16	47	19	23	5	18	16	10	4	129
JAPANESE	2,167	613	623	227	71	51	103	55	28	13	25	21	4	333
KOREAN	1,247	247	399	146	40	67	59	44	5	9	29	11	14	177
LAOTIAN	249	54	50	24	9	22	4	16	-	5	3	4	3	55
SAMOAN	191	56	42	12	3	9	7	13	-	2	1	1	7	38
THAI	94	12	30	6	2	7	1	4	-	5	5	2	1	19
VIETNAMESE	1,213	255	343	128	40	59	51	32	13	7	27	12	22	224
WHITE	197,439	59,098	45,268	15,016	11,727	7,799	6,992	5,139	4,543	3,333	2,865	1,845	1,475	32,339
OTHER ASIAN	256	70	78	24	5	12	9	7	2	1	2	2	2	42
OTHER PACIFIC ISLANDER	206	71	49	13	8	9	6	13	1	-	1	2	1	32
OTHER	115	27	23	6	2	6	2	6	2	6	4	2	5	24
UNKNOWN	176	30	18	1	4	15	6	2	3	2	3	-	31	61
PERCENT[1] BY RACE														
TOTAL	100.0	29.6	23.1	7.8	5.6	4.0	3.5	2.8	2.1	1.6	1.4	1.0	1.0	16.5
2 OR MORE RACE GROUPS	100.0	19.4	20.7	6.2	3.4	7.9	2.1	2.8	1.5	3.2	2.3	-	3.4	27.1
AMERICAN INDIAN	100.0	24.2	18.3	5.3	4.5	7.5	3.2	5.4	1.0	6.7	1.2	0.7	1.6	20.2
BLACK	100.0	29.7	22.4	7.4	3.6	4.0	2.7	3.9	1.2	1.2	0.7	1.7	3.5	18.0
CAMBODIAN	100.0	18.7	19.7	13.6	3.7	5.8	3.7	5.1	-	2.0	1.7	3.1	3.4	19.4
CHINESE	100.0	26.0	29.5	11.2	4.4	3.3	5.0	3.0	0.8	0.5	1.2	1.2	0.5	13.3
ESKIMO/ALEUT	100.0	33.3	66.7	-	-	-	-	-	-	-	-	-	-	-
FILIPINO	100.0	29.9	24.3	10.6	4.8	3.8	3.4	4.0	0.6	0.6	1.1	1.3	0.5	15.2
GUAMANIAN	100.0	27.8	26.6	5.1	1.3	3.8	7.6	8.9	-	2.5	2.5	1.3	-	12.7
HAWAIIAN	100.0	32.6	21.3	5.6	6.7	5.6	1.1	4.5	1.1	-	4.5	2.2	-	14.6
HMONG	100.0	16.9	16.3	12.5	5.6	5.6	3.8	3.1	0.6	-	3.8	3.1	5.0	23.8
INDIAN (INDIA)	100.0	35.9	16.5	7.5	2.2	6.6	2.7	3.2	0.7	2.5	2.2	1.4	0.6	18.0
JAPANESE	100.0	28.3	28.7	10.5	3.3	2.4	4.8	2.5	1.3	0.6	1.2	1.0	0.2	15.4
KOREAN	100.0	19.8	32.0	11.7	3.2	5.4	4.7	3.5	0.4	0.7	2.3	0.9	1.1	14.2
LAOTIAN	100.0	21.7	20.1	9.6	3.6	8.8	1.6	6.4	-	2.0	1.2	1.6	1.2	22.1
SAMOAN	100.0	29.3	22.0	6.3	1.6	4.7	3.7	6.8	-	1.0	0.5	0.5	3.7	19.9
THAI	100.0	12.8	31.9	6.4	2.1	7.4	1.1	4.3	-	5.3	5.3	2.1	1.1	20.2
VIETNAMESE	100.0	21.0	28.3	10.6	3.3	4.9	4.2	2.6	1.1	0.6	2.2	1.0	1.8	18.5
WHITE	100.0	29.9	22.9	7.6	5.9	4.0	3.5	2.6	2.3	1.7	1.5	0.9	0.7	16.4
OTHER ASIAN	100.0	27.3	30.5	9.4	2.0	4.7	3.5	2.7	0.8	0.4	0.8	0.8	0.8	16.4
PACIFIC ISLANDER	100.0	34.5	23.8	6.3	3.9	4.4	2.9	6.3	0.5	-	0.5	1.0	0.5	15.5
OTHER	100.0	23.5	20.0	5.2	1.7	5.2	1.7	5.2	1.7	5.2	3.5	1.7	4.3	20.9
UNKNOWN	100.0	17.0	10.2	0.6	2.3	8.5	3.4	1.1	1.7	1.1	1.7	-	17.6	34.7

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

- Represents zero events.

* Beginning in 2000, up to three races were reported on death certificates. The list of races on this table is compiled by identifying decedents who were reported as being of 2 or more race groups before tabulating single races. These groups are only comparable with the year 2000 data tables. See Chapter 6.

Note: Causes of death are coded to the Tenth Revision of the International Classification of Diseases.

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

TABLE 5-12. SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH BY SEX AND RACE/ETHNIC GROUP*, CALIFORNIA, 2001 (By Place of Residence)

SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH IN CALIFORNIA

MALE DEATHS

RACE/ETHNIC GROUPS	CANCER			HEART DISEASE			ACCIDENTS			SUICIDE	HOMICIDE
	COLON C18	LUNG C33-C34	PROSTATE C61	HYPERTEN-SIVE HEART I11, I13	ISCHEMIC HEART I20-I25	CARDIO-MYOPATHY I42	MOTOR VEHICLE (See Footnote)	POISONINGS X40-X49	DROWNINGS W65-W74	BY FIREARMS X72-X74	BY FIREARMS X93-X95
TOTAL MALES	**2,165**	**7,563**	**2,936**	**1,811**	**26,919**	**1,772**	**2,741**	**1,343**	**313**	**1,340**	**1,402**
HISPANIC	214	585	328	233	2,927	225	931	309	101	178	643
NON-HISPANIC											
2 OR MORE RACE GROUPS	-	11	5	3	25	4	10	1	3	3	8
AMERICAN INDIAN	3	27	5	5	92	3	22	10	3	5	6
ASIAN	180	587	119	114	1,732	79	199	23	31	50	59
BLACK	195	634	330	280	1,914	234	188	121	35	60	472
PACIFIC ISLANDER	3	22	6	5	89	10	8	2	-	2	4
WHITE	1,567	5,694	2,142	1,171	20,126	1,216	1,378	874	139	1,041	208
OTHER RACES	-	-	-	-	1	-	2	-	-	1	1
NOT STATED	3	3	1	-	13	1	3	3	1	-	1

FEMALE DEATHS

RACE/ETHNIC GROUPS	CANCER				HEART DISEASE		ACCIDENTS			SUICIDE	HOMICIDE
	COLON C18	LUNG C33-C34	BREAST C50	FEMALE GENITALS C51-C58	HYPERTEN-SIVE HEART I11, I13	ISCHEMIC HEART I20-I25	MOTOR VEHICLE (See Footnote)	POISONINGS X40-X49	DROWNINGS W65-W74	BY FIREARMS X72-X74	BY FIREARMS X93-X95
TOTAL FEMALES	**2,218**	**6,403**	**4,185**	**2,745**	**2,133**	**26,658**	**1,235**	**639**	**105**	**180**	**205**
HISPANIC	204	364	504	442	185	2,559	347	78	24	21	67
NON-HISPANIC											
2 OR MORE RACE GROUPS	2	9	4	5	2	32	6	2	1	-	-
AMERICAN INDIAN	3	20	9	10	8	72	9	7	-	1	-
ASIAN	173	387	285	192	130	1,413	123	10	16	8	12
BLACK	204	442	353	179	301	1,959	111	78	10	9	54
PACIFIC ISLANDER	1	11	11	12	8	45	5	4	-	-	2
WHITE	1,631	5,168	3,017	1,903	1,498	20,567	633	460	53	141	70
OTHER RACES	-	1	-	-	-	2	-	-	-	-	-
NOT STATED	-	1	2	2	1	9	1	-	1	-	-

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

Note: Causes of death are coded to the Tenth Revision of the International Classification of Diseases.
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 5-13. NINETEEN MAJOR CAUSES OF DEATH, DEATH RATES AND AGE-ADJUSTED DEATH RATES BY SEX, CALIFORNIA, 2001 (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**.)

CAUSES OF DEATH	ICD (Rev. 10)	DEATHS			DEATH RATES			AGE-ADJUSTED RATES		
		TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
TOTAL ALL CAUSES	**A00-Y89**	**232,790**	**116,000**	**116,790**	**660.7**	**655.6**	**665.9**	**749.3**	**884.5**	**642.1**
HUMAN IMMUNODEFICIENCY VIRUS DISEASE (HIVD)	B20-B24	1,495	1,291	204	4.2	7.3	1.2	4.3	7.4	1.2
MALIGNANT NEOPLASMS	C00-C97	53,810	27,255	26,555	152.7	154.0	151.4	173.4	205.3	152.4
DIABETES	E10-E14	6,457	3,088	3,369	18.3	17.5	19.2	20.9	23.1	19.2
PARKINSON'S DISEASE	G20-G21	1,509	889	620	4.3	5.0	3.5	5.0	7.7	3.4
ALZHEIMER'S DISEASE	G30	4,897	1,527	3,370	13.9	8.6	19.2	16.3	13.9	17.5
HEART DISEASE	I00-I09, I11, I13, I20-I51	69,004	33,924	35,080	195.8	191.7	200.0	225.9	273.5	188.2
HYPERTENSION	I10, I12	2,348	933	1,415	6.7	5.3	8.1	7.7	7.7	7.6
CEREBROVASCULAR DISEASE	I60-I69	18,078	7,295	10,783	51.3	41.2	61.5	59.4	60.7	57.9
ATHEROSCLEROSIS	I70	1,598	638	960	4.5	3.6	5.5	5.3	5.8	5.0
AORTIC ANEURYSM	I71	1,352	885	467	3.8	5.0	2.7	4.4	6.9	2.6
INFLUENZA & PNEUMONIA	J10-J18	8,167	3,691	4,476	23.2	20.9	25.5	26.9	32.1	23.6
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	13,056	6,062	6,994	37.1	34.3	39.9	43.0	49.2	39.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	K70, K73-K74	3,759	2,524	1,235	10.7	14.3	7.0	11.5	16.2	7.2
NEPHRITIS	N00-N07, N17-N19, N25-N27	1,988	992	996	5.6	5.6	5.7	6.5	8.0	5.5
CERTAIN PERINATAL CONDITIONS	P00-P96	1,371	751	620	3.9	4.2	3.5	3.4	3.6	3.1
CONGENITAL MALFORMATION, DEFORMATIONS, AND CHROMOSOMAL ABNORMALITIES	Q00-Q99	1,337	732	605	3.8	4.1	3.4	3.6	3.9	3.2
ACCIDENTS	V01-X59, Y85-Y86	9,274	6,236	3,038	26.3	35.2	17.3	27.4	38.1	17.2
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	3,256	2,571	685	9.2	14.5	3.9	9.6	15.9	4.0
ASSAULT (Homicide)	X85-Y09, Y87.1	2,301	1,860	441	6.5	10.5	2.5	6.6	10.3	2.5

Source: State of California, Department of Health Services, Death Records.
State of California, Department of Finance, 2001 Population: 1970-2040 Population Projections with Age, Sex, and Race/Ethnic Detail, December 1998.

TABLE 5-14. NINETEEN MAJOR CAUSES OF DEATH BY RACE/ETHNIC GROUP*, CALIFORNIA, 2001 (By Place of Residence)

CAUSES OF DEATH	ICD (Rev. 10)	RACE/ETHNIC GROUPS											
		HISPANIC			NON-HISPANIC RACES								
					2 OR MORE RACE GROUPS			AMERICAN INDIAN			ASIAN		
		TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
TOTAL ALL CAUSES	**A00-Y89**	**30,365**	**16,889**	**13,476**	**369**	**197**	**172**	**888**	**470**	**418**	**14,845**	**7,886**	**6,959**
HUMAN IMMUNODEFICIENCY VIRUS DISEASE	B20-B24	393	340	53	1	1	-	6	5	1	23	21	2
MALIGNANT NEOPLASMS	C00-C97	6,216	3,152	3,064	75	35	40	167	89	78	4,002	2,084	1,918
DIABETES	E10-E14	1,601	720	881	7	4	3	43	18	25	493	239	254
PARKINSON'S DISEASE	G20-G21	104	56	48	-	-	-	2	-	2	80	44	36
ALZHEIMER'S DISEASE	G30	259	91	168	6	-	6	9	1	8	116	45	71
HEART DISEASE	I00-I09, I11, I13, I20-I51	7,069	3,723	3,346	76	36	40	218	117	101	3,949	2,129	1,820
HYPERTENSION	I10, I12	278	113	165	-	-	-	7	1	6	185	72	113
CEREBROVASCULAR DISEASES	I60-I69	2,038	960	1,078	25	10	15	48	17	31	1,592	756	836
ATHEROSCLEROSIS	I70	119	43	76	4	2	2	6	3	3	56	30	26
AORTIC ANEURYSM	I71	100	69	31	2	1	1	3	3	-	130	90	40
INFLUENZA & PNEUMONIA	J10-J18	891	422	469	9	3	6	28	11	17	620	333	287
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	780	397	383	15	10	5	43	20	23	589	393	196
CHRONIC LIVER DISEASE AND CIRRHOSIS	K70, K73-K74	1,150	868	282	12	10	2	63	37	26	111	65	46
NEPHRITIS	N00-N07,N17-N19, N25-N27	356	165	191	5	3	2	17	7	10	209	103	106
CERTAIN PERINATAL CONDITIONS	P00-P96	613	339	274	21	11	10	8	8	-	102	56	46
CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMO-SOMAL ABNORMALITIES	Q00-Q99	555	313	242	16	10	6	3	3	-	105	60	45
ACCIDENTS	V01-X59, Y85-Y86	2,309	1,723	586	27	17	10	64	44	20	591	373	218
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	489	416	73	8	7	1	12	10	2	217	155	62
ASSAULT (Homicide)	X85-Y09, Y87.1	958	824	134	14	11	3	11	11	-	110	84	26

TABLE 5-14. NINETEEN MAJOR CAUSES OF DEATH BY RACE/ETHNIC GROUP*, CALIFORNIA, 2001 (By Place of Residence) - Cont.

CAUSES OF DEATH	ICD (Rev. 10)	RACE/ETHNIC GROUPS											
		NON-HISPANIC RACES											
		BLACK			PACIFIC ISLANDER			WHITE/OTHER RACES			NOT STATED		
		TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	MALES	FEMALES
TOTAL ALL CAUSES	**A00-Y89**	**18,021**	**9,364**	**8,657**	**561**	**313**	**248**	**167,570**	**80,772**	**86,798**	**171**	**109**	**62**
HUMAN IMMUNODEFICIENCY VIRUS DISEASE	B20-B24	385	291	94	5	4	1	681	628	53	1	1	-
MALIGNANT NEOPLASMS	C00-C97	4,050	2,114	1,936	130	72	58	39,152	19,698	19,454	18	11	7
DIABETES	E10-E14	704	309	395	37	17	20	3,570	1,780	1,790	2	1	1
PARKINSON'S DISEASE	G20-G21	45	29	16	1	-	1	1,275	760	515	2	-	2
ALZHEIMER'S DISEASE	G30	213	65	148	2	-	2	4,289	1,323	2,966	3	2	1
HEART DISEASE	I00-I09, I11, I13, I20-I51	5,351	2,644	2,707	177	109	68	52,135	25,149	26,986	29	17	12
HYPERTENSION	I10, I12	302	141	161	6	4	2	1,570	602	968	-	-	-
CEREBROVASCULAR DISEASES	I60-I69	1,335	545	790	34	14	20	13,005	4,992	8,013	1	1	-
ATHEROSCLEROSIS	I70	64	27	37	1	-	1	1,347	532	815	1	1	-
AORTIC ANEURYSM	I71	80	55	25	5	2	3	1,032	665	367	-	-	-
INFLUENZA & PNEUMONIA	J10-J18	480	231	249	20	9	11	6,113	2,677	3,436	6	5	1
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	652	361	291	18	8	10	10,955	4,870	6,085	4	3	1
CHRONIC LIVER DISEASE AND CIRRHOSIS	K70, K73-K74	220	146	74	4	4	-	2,197	1,392	805	2	2	-
NEPHRITIS	N00-N07,N17-N19, N25-N27	236	119	117	8	2	6	1,156	592	564	1	1	-
CERTAIN PERINATAL CONDITIONS	P00-P96	225	111	114	6	6	-	393	220	173	3	-	3
CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	Q00-Q99	101	50	51	5	3	2	551	292	259	1	1	-
ACCIDENTS	V01-X59, Y85-Y86	715	459	256	26	15	11	5,529	3,596	1,933	13	9	4
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	134	106	28	8	8	-	2,386	1,868	518	2	1	1
ASSAULT (Homicide)	X85-Y09, Y87.1	635	551	84	8	6	2	534	353	181	31	20	11

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

TABLE 5-15. MAJOR CAUSES OF DEATH AND DEATH RATES BY HISPANIC AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*,CALIFORNIA, 2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups.

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		RACE/ETHNIC GROUPS				
				HISPANIC		NON-HISPANIC SINGLE RACE GROUPS		
						ASIAN	BLACK	WHITE/OTHER
		DEATHS	RATES	DEATHS	RATES	DEATHS	DEATHS	DEATHS
ALL CAUSES	A00-Y89	232,790	660.7	30,365	275.5	14,845	18,021	167,570
CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99	4,397	12.5	1,032	9.4	302	598	2,421
Human Immunodeficiency Virus Disease	B20-B24	1,495	4.2	393	3.6	23	385	681
MALIGNANT NEOPLASMS	C00-C97	53,810	152.7	6,216	56.4	4,002	4,050	39,152
Of Digestive Organs	C15-C26	13,448	38.2	1,902	17.3	1,422	1,090	8,940
Esophagus	C15	1,177	3.3	103	0.9	69	82	917
Stomach	C16	1,578	4.5	415	3.8	265	130	754
Colon	C18	4,383	12.4	418	3.8	353	399	3,198
Liver	C22.0, C22.2-C22.9	1,414	4.0	288	2.6	332	134	637
Pancreas	C25	3,041	8.6	381	3.5	208	220	2,215
Of Respiratory Organs	C30-C39	14,420	40.9	1,001	9.1	1,005	1,133	11,175
Lung	C33-C34	13,966	39.6	949	8.6	974	1,076	10,863
Of Breast	C50	4,220	12.0	506	4.6	287	357	3,044
Of Female Genital Organs	C51-C58	2,745	7.8	442	4.0	192	179	1,903
Of Male Genital Organs	C60-C63	3,019	8.6	356	3.2	123	334	2,187
Prostate	C61	2,936	8.3	328	3.0	119	330	2,142
Of Urinary Organs	C64-C68	2,394	6.8	272	2.5	128	144	1,835
Of Brain	C71	1,337	3.8	186	1.7	68	54	1,019
Of Lymphatic and Hematopoietic Tissues	C81-C96	5,542	15.7	808	7.3	344	332	4,008
Non-Hodgkin's Lymphoma	C82-C85	2,146	6.1	281	2.5	155	92	1,590
Leukemia	C91-C95	2,144	6.1	329	3.0	139	115	1,550
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E88	8,200	23.3	1,831	16.6	580	833	4,853
Diabetes	E10-E14	6,457	18.3	1,601	14.5	493	704	3,570
MENTAL AND BEHAVIORAL DISORDERS	F01-F99	3,904	11.1	475	4.3	120	252	3,030
Organic Dementia	F01, F03	2,445	6.9	176	1.6	99	107	2,055
DISEASES OF NERVOUS SYSTEM	G00-G98	8,523	24.2	645	5.9	295	401	7,145
Parkinson's Disease	G20-G21	1,509	4.3	104	0.9	80	45	1,275
Alzheimer's Disease	G30	4,897	13.9	259	2.4	116	213	4,289
DISEASES OF THE CIRCULATORY SYSTEM	I00-I99	93,685	265.9	9,744	88.4	5,962	7,265	70,062
Diseases of the Heart	I00-I09, I11, I13, I20-I51	69,004	195.8	7,069	64.1	3,949	5,351	52,135
Hypertensive Heart	I11, I13	3,944	11.2	418	3.8	244	581	2,669
Ischemic Heart	I20-I25	53,577	152.1	5,486	49.8	3,145	3,873	40,696
Acute Myocardial Infarction	I21-I22	16,091	45.7	1,733	15.7	1,142	1,215	11,882
Atherosclerotic Cardiovascular Disease	I25.0	8,538	24.2	954	8.7	411	891	6,204
Other Heart Diseases	I26-I51	11,107	31.5	1,107	10.0	532	867	8,516
Cardiomyopathy	I42	2,997	8.5	381	3.5	146	384	2,053
Heart Failure	I50	3,428	9.7	295	2.7	155	192	2,768
Hypertension	I10,I12	2,348	6.7	278	2.5	185	302	1,570
Cerebrovascular Diseases	I60-I69	18,078	51.3	2,038	18.5	1,592	1,335	13,005
Atherosclerosis	I70	1,598	4.5	119	1.1	56	64	1,347
Aortic Aneurysm	I71	1,352	3.8	100	0.9	130	80	1,032

TABLE 5-15. MAJOR CAUSES OF DEATH AND DEATH RATES BY HISPANIC AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*,CALIFORNIA, 2001 (By Place of Residence) - Cont.
(Rates are per 100,000 population in specified groups.)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		RACE/ETHNIC GROUPS				
				HISPANIC		NON-HISPANIC SINGLE RACE GROUPS		
						ASIAN	BLACK	WHITE/OTHER
		DEATHS	RATES	DEATHS	RATES	DEATHS	DEATHS	DEATHS
DISEASES OF RESPIRATORY SYSTEM	J00-J98	24,200	68.7	2,092	19.0	1,367	1,289	19,289
Influenza and Pneumonia	J10-J18	8,167	23.2	891	8.1	620	480	6,113
Chronic Lower Respiratory Diseases	J40-J47	13,056	37.1	780	7.1	589	652	10,955
Emphysema	J43	1,686	4.8	69	0.6	65	80	1,460
DISEASES OF DIGESTIVE SYSTEM	K00-K92	8,948	25.4	1,869	17.0	427	569	5,957
Chronic Liver/Cirrhosis	K70, K73-K74	3,759	10.7	1,150	10.4	111	220	2,197
DISEASES OF GENITOURINARY SYSTEM	N00-N98	4,139	11.7	564	5.1	321	391	2,817
Nephritis	N00-N07, N17-N19 N25-N27	1,988	5.6	356	3.2	209	236	1,156
CERTAIN PERINATAL CONDITIONS	P00-P96	1,371	3.9	613	5.6	102	225	393
CONGENITAL MALFORMATIONS	Q00-Q99	1,337	3.8	555	5.0	105	101	551
SYMPTOMS, SIGNS AND ABNORMAL FINDINGS	R00-R99	1,483	4.2	354	3.2	64	171	822
Sudden Infant Death Syndrome	R95	197	0.6	66	0.6	11	31	74
ACCIDENTS	V01-X59, Y85-Y86	9,274	26.3	2,309	21.0	591	715	5,529
Motor Vehicle Accidents	See Footnote	3,976	11.3	1,278	11.6	322	299	2,013
Accidental Falls	W00-W19	1,299	3.7	186	1.7	100	53	954
Drownings	W65-W74	418	1.2	125	1.1	47	45	192
Accidental Poisonings	X40-X49	1,982	5.6	387	3.5	33	199	1,334
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	3,256	9.2	489	4.4	217	134	2,386
Firearms	X72-X74	1,520	4.3	199	1.8	58	69	1,183
ASSAULT (Homicide)	X85-Y09, Y87.1	2,301	6.5	958	8.7	110	635	534
Firearms	X93-X95	1,607	4.6	710	6.4	71	526	279
ALL OTHER CAUSES	RESIDUAL	3,962		619		280	392	2,629

* Beginning in 2000, up to three races were reported on death certificates. Total deaths include the mutually exclusive groups: Hispanic, Asian, Black, White/Other (shown above as well as American Indian, Pacific Islander, 2 or More Races, and Unknown Race. These groups are only comparable with the year 2000 data tables. See Chapter (

Note : 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.
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, 2001 Population: 1997-2040 Population Projections by Age, Sex and Race/Ethnic Detail, December 199

TABLE 5-15A. MAJOR CAUSES OF **MALE** DEATHS AND DEATH RATES BY HISPANIC, AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups.)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		RACE/ETHNIC GROUPS				
				HISPANIC		NON-HISPANIC SINGLE RACE GROUPS		
						ASIAN	BLACK	WHITE/OTHER
		DEATHS	RATES	DEATHS	RATES	DEATHS	DEATHS	DEATHS
ALL CAUSES	A00-Y89	116,000	655.6	16,889	295.8	7,886	9,364	80,772
CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99	2,859	16.2	718	12.6	170	407	1,535
Human Immunodeficiency Virus Disease	B20-B24	1,291	7.3	308	5.4	16	275	642
MALIGNANT NEOPLASMS	C00-C97	27,255	154.0	3,152	55.2	2,084	2,114	19,698
Of Digestive Organs	C15-C26	7,114	40.2	991	17.4	823	539	4,702
Esophagus	C15	884	5.0	84	1.5	54	55	685
Stomach	C16	940	5.3	232	4.1	157	82	459
Colon	C18	2,165	12.2	214	3.7	180	195	1,567
Liver	C22.0, C22.2-C22.9	952	5.4	194	3.4	228	83	429
Pancreas	C25	1,515	8.6	183	3.2	95	103	1,126
Of Respiratory Organs	C30-C39	7,892	44.6	623	10.9	614	669	5,921
Lung	C33-C34	7,563	42.7	585	10.2	587	634	5,694
Of Male Genital Organs	C60-C63	3,019	17.1	356	6.2	123	334	2,187
Prostate	C61	2,936	16.6	328	5.7	119	330	2,142
Of Urinary Organs	C64-C68	1,564	8.8	165	2.9	84	90	1,214
Of Brain	C71	747	4.2	96	1.7	42	31	574
Of Lymphatic and Hematopoietic Tissues	C81-C96	3,023	17.1	466	8.2	192	187	2,160
Non-Hodgkin's Lymphoma	C82-C85	1,165	6.6	162	2.8	89	53	849
Leukemia	C91-C95	1,198	6.8	188	3.3	74	62	869
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E88	3,902	22.1	835	14.6	283	369	2,368
Diabetes	E10-E14	3,088	17.5	720	12.6	239	309	1,780
MENTAL AND BEHAVIORAL DISORDERS	F01-F99	1,797	10.2	305	5.3	49	137	1,293
Organic Dementia	F01, F03	795	4.5	62	1.1	35	33	662
DISEASES OF NERVOUS SYSTEM	G00-G98	3,521	19.9	315	5.5	142	172	2,883
Parkinson's Disease	G20-G21	889	5.0	56	1.0	44	29	760
Alzheimer's Disease	G30	1,527	8.6	91	1.6	45	65	1,323
DISEASES OF THE CIRCULATORY SYSTEM	I00-I99	44,240	250.0	4,970	87.1	3,099	3,467	32,361
Diseases of the Heart	I00-I09, I11, I13, I20-I51	33,924	191.7	3,723	65.2	2,129	2,644	25,149
Hypertensive Heart	I11, I13	1,811	10.2	233	4.1	114	280	1,171
Ischemic Heart	I20-I25	26,919	152.1	2,927	51.3	1,732	1,914	20,127
Acute Myocardial Infarction	I21-I22	8,285	46.8	934	16.4	649	559	6,074
Atherosclerotic Cardiovascular Disease	I25.0	4,473	25.3	600	10.5	233	519	3,072
Other Heart Diseases	I26-I51	5,082	28.7	548	9.6	280	440	3,770
Cardiomyopathy	I42	1,772	10.0	225	3.9	79	234	1,216
Heart Failure	I50	1,401	7.9	120	2.1	77	88	1,105
Hypertension	I10, I12	933	5.3	113	2.0	72	141	602
Cerebrovascular Diseases	I60-I69	7,295	41.2	960	16.8	756	545	4,992
Atherosclerosis	I70	638	3.6	43	0.8	30	27	532
Aortic Aneurysm	I71	885	5.0	69	1.2	90	55	665

TABLE 5-15A. MAJOR CAUSES OF **MALE** DEATHS AND DEATH RATES BY HISPANIC, AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence) - Cont.
(Rates are per 100,000 population in specified groups.)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		RACE/ETHNIC GROUPS				
				HISPANIC		NON-HISPANIC SINGLE RACE GROUPS		
						ASIAN	BLACK	WHITE/OTHER
		DEATHS	RATES	DEATHS	RATES	DEATHS	DEATHS	DEATHS
DISEASES OF RESPIRATORY SYSTEM	J00-J98	11,273	63.7	1,034	18.1	804	667	8,689
Influenza and Pneumonia	J10-J18	3,691	20.9	422	7.4	333	231	2,677
Chronic Lower Respiratory Diseases	J40-J47	6,062	34.3	397	7.0	393	361	4,870
Emphysema	J43	842	4.8	39	0.7	51	44	699
DISEASES OF DIGESTIVE SYSTEM	K00-K92	4,737	26.8	1,205	21.1	222	312	2,920
Chronic Liver/Cirrhosis	K70, K73-K74	2,524	14.3	868	15.2	65	146	1,392
DISEASES OF GENITOURINARY SYSTEM	N00-N98	1,720	9.7	242	4.2	145	170	1,144
Nephritis	N00-N07, N17-N19 N25-N27	992	5.6	165	2.9	103	119	592
CERTAIN PERINATAL CONDITIONS	P00-P96	751	4.2	339	5.9	56	111	220
CONGENITAL MALFORMATIONS	Q00-Q99	732	4.1	313	5.5	60	50	292
SYMPTOMS, SIGNS AND ABNORMAL FINDINGS	R00-R99	905	5.1	232	4.1	49	98	480
Sudden Infant Death Syndrome	R95	112	0.6	33	0.6	10	18	45
ACCIDENTS	V01-X59, Y85-Y86	6,236	35.2	1,723	30.2	373	459	3,596
Motor Vehicle Accidents	See Footnote	2,741	15.5	931	16.3	199	188	1,380
Accidental Falls	W00-W19	741	4.2	118	2.1	57	36	524
Drownings	W65-W74	313	1.8	101	1.8	31	35	139
Accidental Poisonings	X40-X49	1,343	7.6	309	5.4	23	121	874
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	2,571	14.5	416	7.3	155	106	1,868
Firearms	X72-X74	1,340	7.6	178	3.1	50	60	1,042
ASSAULT (Homicide)	X85-Y09, Y87.1	1,860	10.5	824	14.4	84	551	353
Firearms	X93-X95	1,402	7.9	643	11.3	59	472	209
ALL OTHER CAUSES	RESIDUAL	1,641		266		111	174	1,072

* Beginning in 2000, up to three races were reported on death certificates. Total Deaths includes the mutually exclusive groups: Hispanic, Asian, Black, White/Other (shown above), as well as American Indian, Pacific Islander, 2 or More Races, and Unknown Race. These groups are only comparable with the year 2000 data tables. See Chapter 6.

Note : 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, 2001 Population: 1997-2040 Population Projections by Age, Sex and Race/Ethnic Detail, December 1998.

TABLE 5-15B. MAJOR CAUSES OF **FEMALE** DEATHS AND DEATH RATES BY HISPANIC AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence)
(Rates are per 100,000 population in specified groups.)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		RACE/ETHNIC GROUPS				
				HISPANIC		NON-HISPANIC SINGLE RACE GROUPS		
						ASIAN	BLACK	WHITE/OTHER
		DEATHS	RATES	DEATHS	RATES	DEATHS	DEATHS	DEATHS
ALL CAUSES	A00-Y89	116,790	665.9	13,476	253.7	6,959	8,657	86,798
CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99	1,538	8.8	314	5.9	132	191	886
Human Immunodeficiency Virus Disease	B20-B24	204	1.2	53	1.0	2	94	53
MALIGNANT NEOPLASMS	C00-C97	26,555	151.4	3,064	57.7	1,918	1,936	19,454
Of Digestive Organs	C15-C26	6,103	34.8	854	16.1	616	517	4,087
Esophagus	C15	293	1.7	19	0.4	15	27	232
Stomach	C16	638	3.6	183	3.4	108	48	295
Colon	C18	2,218	12.6	204	3.8	173	204	1,631
Liver	C22.0, C22.2-C22.9	462	2.6	94	1.8	104	51	208
Pancreas	C25	1,526	8.7	198	3.7	113	117	1,089
Of Respiratory Organs	C30-C39	6,528	37.2	378	7.1	391	464	5,254
Lung	C33-C34	6,403	36.5	364	6.9	387	442	5,169
Of Breast	C50	4,185	23.9	504	9.5	285	353	3,017
Of Female Genital Organs	C51-C58	2,745	15.7	442	8.3	192	179	1,903
Of Urinary Organs	C64-C68	830	4.7	107	2.0	44	54	621
Of Brain	C71	590	3.4	90	1.7	26	23	445
Of Lymphatic and Hematopoietic Tissues	C81-C96	2,519	14.4	342	6.4	152	145	1,848
Non-Hodgkin's Lymphoma	C82-C85	981	5.6	119	2.2	66	39	741
Leukemia	C91-C95	946	5.4	141	2.7	65	53	681
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E88	4,298	24.5	996	18.7	297	464	2,485
Diabetes	E10-E14	3,369	19.2	881	16.6	254	395	1,790
MENTAL AND BEHAVIORAL DISORDERS	F01-F99	2,107	12.0	170	3.2	71	115	1,737
Organic Dementia	F01, F03	1,650	9.4	114	2.1	64	74	1,393
DISEASES OF NERVOUS SYSTEM	G00-G98	5,002	28.5	330	6.2	153	229	4,262
Parkinson's Disease	G20-G21	620	3.5	48	0.9	36	16	515
Alzheimer's Disease	G30	3,370	19.2	168	3.2	71	148	2,966
DISEASES OF THE CIRCULATORY SYSTEM	I00-I99	49,445	281.9	4,774	89.9	2,863	3,798	37,701
Diseases of the Heart	I00-I09, I11, I13, I20-I51	35,080	200.0	3,346	63.0	1,820	2,707	26,986
Hypertensive heart	I11, I13	2,133	12.2	185	3.5	130	301	1,498
Ischemic heart	I20-I25	26,658	152.0	2,559	48.2	1,413	1,959	20,569
Acute myocardial infarction	I21-I22	7,806	44.5	799	15.0	493	656	5,808
Atherosclerotic cardiovascular disease	I25.0	4,065	23.2	354	6.7	178	372	3,132
Other heart diseases	I26-I51	6,025	34.4	559	10.5	252	427	4,746
Cardiomyopathy	I42	1,225	7.0	156	2.9	67	150	837
Heart failure	I50	2,027	11.6	175	3.3	78	104	1,663
Hypertension	I10, I12	1,415	8.1	165	3.1	113	161	968
Cerebrovascular Diseases	I60-I69	10,783	61.5	1,078	20.3	836	790	8,013
Atherosclerosis	I70	960	5.5	76	1.4	26	37	815
Aortic Aneurysm	I71	467	2.7	31	0.6	40	25	367

TABLE 5-15B. MAJOR CAUSES OF **FEMALE** DEATHS AND DEATH RATES BY HISPANIC AND SELECTED NON-HISPANIC SINGLE RACE GROUPS*, CALIFORNIA, 2001 (By Place of Residence) - Cont.
(Rates are per 100,000 population in specified groups.)

CAUSE OF DEATH	ICD CODES (Rev. 10)	TOTAL DEATHS		RACE/ETHNIC GROUPS				
				HISPANIC		NON-HISPANIC SINGLE RACE GROUPS		
						ASIAN	BLACK	WHITE/OTHER
		DEATHS	RATES	DEATHS	RATES	DEATHS	DEATHS	DEATHS
DISEASES OF RESPIRATORY SYSTEM	J00-J98	12,927	73.7	1,058	19.9	563	622	10,600
Influenza and Pneumonia	J10-J18	4,476	25.5	469	8.8	287	249	3,436
Chronic Lower Respiratory Diseases	J40-J47	6,994	39.9	383	7.2	196	291	6,085
Emphysema	J43	844	4.8	30	0.6	14	36	761
DISEASES OF DIGESTIVE SYSTEM	K00-K92	4,211	24.0	664	12.5	205	257	3,037
Chronic Liver/Cirrhosis	K70, K73-K74	1,235	7.0	282	5.3	46	74	805
DISEASES OF GENITOURINARY SYSTEM	N00-N98	2,419	13.8	322	6.1	176	221	1,673
Nephritis	N00-N07, N17-N19 N25-N27	996	5.7	191	3.6	106	117	564
CERTAIN PERINATAL CONDITIONS	P00-P96	620	3.5	274	5.2	46	114	173
CONGENITAL MALFORMATIONS	Q00-Q99	605	3.4	242	4.6	45	51	259
SYMPTOMS, SIGNS AND ABNORMAL FINDINGS	R00-R99	578	3.3	122	2.3	15	73	342
Sudden Infant Death Syndrome	R95	85	0.5	33	0.6	1	13	29
ACCIDENTS	V01-X59, Y85-Y86	3,038	17.3	586	11.0	218	256	1,933
Motor Vehicle Accidents	See Footnote	1,235	7.0	347	6.5	123	111	633
Accidental Falls	W00-W19	558	3.2	68	1.3	43	17	430
Drownings	W65-W74	105	0.6	24	0.5	16	10	53
Accidental Poisonings	X40-X49	639	3.6	78	1.5	10	78	460
INTENTIONAL SELF-HARM (Suicide)	X60-X84, Y87.0	685	3.9	73	1.4	62	28	518
Firearms	X72-X74	180	1.0	21	0.4	8	9	141
ASSAULT (Homicide)	X85-Y09, Y87.1	441	2.5	134	2.5	26	84	181
Firearms	X93-X95	205	1.2	67	1.3	12	54	70
ALL OTHER CAUSES	RESIDUAL	2,321		353		169	218	1,557

* Beginning in 2000, up to three races were reported on death certificates. Total Deaths includes the mutually exclusive groups: Hispanic, Asian, Black, White/Other (shown above), as well as American Indian, Pacific Islander, 2 or More Races, and Unknown Race. These groups are only comparable with the year 2000 data tables. See Chapter 6.

Note : 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, 2001 Population: 1997-2040 Population Projections by Age, Sex and Race/Ethnic Detail, December 1998.

TABLE 5-16. DEATHS BY YEAR OF DEATH, CALIFORNIA COUNTIES, 1991-2001 (By Place of Residence)

COUNTY	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
CALIFORNIA	214,220	214,586	220,271	222,854	222,626	222,308	223,438	225,450	227,965	228,281	232,790
ALAMEDA	9,829	9,552	9,871	9,776	9,924	9,670	9,574	9,801	9,863	9,841	9,727
ALPINE	6	1	3	3	1	8	9	8	7	6	4
AMADOR	293	333	327	302	358	362	358	333	359	374	397
BUTTE	1,816	2,025	1,974	1,971	2,128	2,109	2,192	2,133	2,124	2,134	2,240
CALAVERAS	316	361	338	353	379	358	384	382	418	382	370
COLUSA	111	137	153	148	150	156	132	146	148	144	143
CONTRA COSTA	5,876	5,572	5,973	5,971	6,320	6,366	6,350	6,659	6,569	6,648	6,858
DEL NORTE	186	222	240	239	238	220	267	272	224	269	264
EL DORADO	901	827	856	1,004	1,026	1,024	1,053	1,078	1,149	1,101	1,161
FRESNO	4,978	5,061	5,169	5,390	5,241	5,256	5,119	5,422	5,460	5,360	5,582
GLENN	218	251	247	209	253	239	205	220	241	258	224
HUMBOLDT	1,088	1,121	1,118	1,191	1,087	1,101	1,139	1,177	1,159	1,202	1,294
IMPERIAL	799	793	800	808	798	805	875	853	856	840	826
INYO	191	177	185	194	203	257	213	208	198	189	212
KERN	4,117	4,068	4,304	4,156	4,453	4,421	4,412	4,627	4,656	4,617	4,868
KINGS	637	609	652	670	687	702	705	746	700	710	703
LAKE	768	731	776	813	804	730	757	800	611	825	814
LASSEN	163	169	161	162	167	185	195	213	199	188	204
LOS ANGELES	61,585	61,708	62,250	62,442	60,953	59,686	60,070	58,923	59,614	59,032	59,774
MADERA	734	726	718	824	816	806	745	815	868	881	937
MARIN	1,807	1,686	1,848	1,872	1,855	1,822	1,875	1,854	1,794	1,833	1,879
MARIPOSA	142	139	135	158	177	158	162	176	183	152	151
MENDOCINO	785	730	785	843	762	840	796	809	769	816	855
MERCED	1,127	1,099	1,196	1,228	1,238	1,292	1,345	1,355	1,383	1,318	1,395
MODOC	85	89	95	104	97	113	117	120	101	92	101
MONO	31	29	26	30	25	42	51	38	32	48	48
MONTEREY	2,218	2,146	2,305	2,226	2,278	2,361	2,159	2,290	2,374	2,344	2,470
NAPA	1,114	1,164	1,180	1,252	1,238	1,254	1,301	1,279	1,218	1,295	1,272
NEVADA	721	721	755	745	780	773	823	855	869	858	932
ORANGE	14,375	14,752	15,142	15,287	15,250	15,771	16,093	16,133	16,644	16,520	16,729
PLACER	1,352	1,333	1,421	1,501	1,491	1,635	1,639	1,652	1,778	1,919	1,982
PLUMAS	172	164	185	185	191	228	204	208	220	205	204
RIVERSIDE	9,675	9,967	10,398	10,864	11,002	11,050	11,236	11,766	12,019	12,061	12,739
SACRAMENTO	7,774	7,598	8,021	8,265	8,467	8,492	8,628	8,780	9,004	8,991	9,373
SAN BENITO	219	250	244	239	241	248	253	273	269	284	272
SAN BERNARDINO	9,783	9,880	10,180	10,307	10,448	10,297	10,613	10,638	10,909	11,121	11,384
SAN DIEGO	17,183	17,558	17,914	18,390	18,131	18,391	18,626	18,767	19,168	19,621	19,871
SAN FRANCISCO	8,345	8,143	8,017	7,918	7,840	7,446	6,789	6,649	6,645	6,468	6,489
SAN JOAQUIN	3,885	3,814	3,926	3,977	3,914	4,024	4,045	4,178	4,348	4,209	4,465
SAN LUIS OBISPO	1,691	1,739	1,796	1,851	1,896	1,898	1,913	1,992	2,024	1,976	2,015
SAN MATEO	4,798	4,830	4,937	4,855	5,011	4,918	4,874	4,988	4,926	4,706	4,768
SANTA BARBARA	2,650	2,651	2,811	2,937	2,828	2,785	2,754	2,872	2,951	2,917	2,907
SANTA CLARA	8,209	8,200	8,626	8,666	8,578	8,850	8,802	8,977	9,033	8,802	8,765
SANTA CRUZ	1,668	1,627	1,717	1,709	1,725	1,703	1,640	1,670	1,632	1,689	1,696
SHASTA	1,368	1,450	1,550	1,545	1,540	1,634	1,657	1,713	1,686	1,644	1,778
SIERRA	27	27	36	28	28	23	37	35	39	29	40
SISKIYOU	388	474	467	477	518	531	488	451	465	480	517
SOLANO	2,178	2,151	2,171	2,170	2,330	2,394	2,290	2,373	2,358	2,564	2,493
SONOMA	3,387	3,371	3,523	3,483	3,456	3,634	3,767	3,690	3,735	3,835	3,872
STANISLAUS	2,838	2,919	2,900	3,103	3,171	3,158	3,254	3,386	3,354	3,401	3,577
SUTTER	542	556	562	588	618	597	622	620	644	710	676
TEHAMA	568	557	572	557	626	578	547	584	618	617	633
TRINITY	109	150	151	140	130	153	156	157	137	140	142
TULARE	2,516	2,469	2,415	2,543	2,640	2,529	2,633	2,555	2,545	2,639	2,690
TUOLUMNE	430	422	467	518	497	517	492	583	528	585	598
VENTURA	3,939	3,877	4,117	4,161	4,100	4,240	4,503	4,596	4,556	4,778	4,729
YOLO	1,001	936	1,036	993	1,010	1,051	1,005	1,043	1,033	1,063	1,183
YUBA	508	474	529	513	513	417	495	529	551	550	498

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

California Department of Health Services 167 Vital Statisics of California, 2001

TABLE 5-17. DEATHS BY AGE, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (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	232,790	3,352	778	3,409	4,344	9,261	17,342	23,345	39,705	67,570	63,579	105
ALAMEDA	9,727	148	33	120	177	397	779	1,001	1,522	2,829	2,716	5
Berkeley [1]	600	6	3	7	9	14	46	61	91	160	201	2
ALPINE	4	-	-	-	-	-	-	1	2	-	1	-
AMADOR	397	1	1	4	5	7	29	36	78	127	109	-
BUTTE	2,240	12	5	31	29	77	120	208	361	703	694	-
CALAVERAS	370	2	-	2	7	15	26	53	68	115	82	-
COLUSA	143	2	-	1	2	4	9	12	28	38	47	-
CONTRA COSTA	6,858	66	20	94	109	268	536	665	1,118	2,016	1,965	1
DEL NORTE	264	3	1	2	6	14	27	33	40	78	60	-
EL DORADO	1,161	11	4	17	12	44	95	112	242	342	282	-
FRESNO	5,582	92	25	98	148	245	440	570	981	1,488	1,494	1
GLENN	224	2	1	5	4	10	11	17	37	71	66	-
HUMBOLDT	1,294	6	3	20	29	63	98	150	224	355	346	-
IMPERIAL	826	17	-	11	13	33	66	84	176	229	160	37
INYO	212	2	-	-	2	5	15	23	29	84	52	-
KERN	4,868	93	27	92	101	221	394	554	950	1,375	1,057	4
KINGS	703	11	2	11	26	41	55	88	112	193	164	-
LAKE	814	5	6	8	13	28	60	98	151	243	202	-
LASSEN	204	5	1	6	4	12	22	25	33	50	46	-
LOS ANGELES	59,774	979	213	1,033	1,318	2,598	4,648	6,278	10,171	16,553	15,963	20
Long Beach [1]	3,343	45	14	46	68	176	298	383	516	934	863	-
Pasadena [1]	1,151	12	2	8	14	40	86	93	166	307	423	-
MADERA	937	17	5	18	20	42	73	108	177	264	213	-
MARIN	1,879	11	2	9	20	48	113	171	261	593	651	-
MARIPOSA	151	1	1	-	-	5	9	26	42	37	30	-
MENDOCINO	855	11	1	10	13	36	72	97	131	250	234	-
MERCED	1,395	24	3	36	25	72	99	140	264	373	359	-
MODOC	101	1	-	1	1	5	3	13	21	26	30	-
MONO	48	-	1	1	1	3	8	5	11	7	11	-
MONTEREY	2,470	49	10	50	61	90	160	236	389	699	726	-
NAPA	1,272	5	2	16	5	20	60	101	178	440	445	-
NEVADA	932	5	3	11	9	18	60	68	142	327	288	1
ORANGE	16,729	248	58	183	279	560	1,047	1,635	2,793	5,071	4,854	1
PLACER	1,982	18	1	16	25	77	128	177	340	615	585	-
PLUMAS	204	-	-	2	2	5	10	21	38	74	52	-
RIVERSIDE	12,739	144	46	203	208	474	840	1,218	2,344	3,964	3,291	7
SACRAMENTO	9,373	145	41	124	157	417	771	995	1,655	2,785	2,281	2
SAN BENITO	272	5	-	6	4	15	22	38	44	78	60	-
SAN BERNARDINO	11,384	266	55	241	246	504	1,009	1,284	2,179	3,038	2,559	3
SAN DIEGO	19,871	275	52	252	334	734	1,353	1,749	3,351	6,134	5,620	17
SAN FRANCISCO	6,489	38	10	50	133	305	567	624	983	1,794	1,985	-
SAN JOAQUIN	4,465	84	23	82	87	229	355	463	787	1,238	1,117	-
SAN LUIS OBISPO	2,015	19	9	17	35	62	113	153	310	652	645	-
SAN MATEO	4,768	43	8	39	54	133	310	406	796	1,478	1,501	-
SANTA BARBARA	2,907	32	5	37	35	82	148	249	446	898	975	-
SANTA CLARA	8,765	129	26	103	163	309	643	854	1,473	2,553	2,512	-
SANTA CRUZ	1,696	15	7	18	30	69	125	132	234	476	589	1
SHASTA	1,778	16	2	21	28	60	127	177	317	548	482	-
SIERRA	40	-	-	1	-	1	4	7	5	7	15	-
SISKIYOU	517	5	-	5	6	12	27	59	98	154	150	1
SOLANO	2,493	32	9	32	44	99	259	282	468	718	549	1
SONOMA	3,872	24	13	38	48	118	282	354	547	1,158	1,290	-
STANISLAUS	3,577	64	13	63	68	167	290	352	612	1,013	934	1
SUTTER	676	2	1	8	14	18	35	74	143	181	200	-
TEHAMA	633	5	2	12	2	18	39	66	132	201	155	1
TRINITY	142	1	-	3	3	10	17	18	17	49	24	-
TULARE	2,690	59	11	52	66	115	220	301	435	734	696	1
TUOLUMNE	598	3	-	4	11	24	42	47	112	182	173	-
VENTURA	4,729	74	12	68	78	162	334	434	804	1,387	1,376	-
YOLO	1,183	18	3	14	16	42	91	120	206	353	320	-
YUBA	498	7	1	8	8	19	47	83	97	132	96	-

- 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.

California Department of Health Services 168 Vital Statistics of California, 2001

TABLE 5-18. DEATHS BY SEX AND RACE/ETHNIC GROUPS*, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(By Place of Residence)

COUNTY	TOTAL	SEX		RACE/ETHNIC GROUPS							
					NON-HISPANIC						
		MALE	FEMALE	HISPANIC	2 OR MORE RACE GROUPS	AMERICAN INDIAN	ASIAN	BLACK	PACIFIC ISLANDER	WHITE/ OTHER RACES	UNKNOWN
CALIFORNIA	232,790	116,000	116,790	30,365	369	888	14,845	18,021	561	167,570	171
ALAMEDA	9,727	4,779	4,948	727	30	30	1,067	2,006	57	5,807	3
Berkeley [1]	600	268	332	14	2	1	56	190	2	335	-
ALPINE	4	2	2	-	-	1	-	-	-	3	-
AMADOR	397	209	188	7	-	2	1	2	-	385	-
BUTTE	2,240	1,117	1,123	56	5	17	27	17	1	2,117	-
CALAVERAS	370	194	176	12	-	3	1	1	1	352	-
COLUSA	143	71	72	16	-	1	5	-	-	121	-
CONTRA COSTA	6,858	3,266	3,592	444	17	7	383	722	23	5,257	5
DEL NORTE	264	139	125	5	-	13	2	-	-	244	-
EL DORADO	1,161	616	545	26	1	2	15	2	1	1,114	-
FRESNO	5,582	2,874	2,708	1,169	10	27	288	344	5	3,738	1
GLENN	224	111	113	18	-	1	8	1	-	195	1
HUMBOLDT	1,294	650	644	13	1	54	4	11	2	1,209	-
IMPERIAL	826	485	341	451	2	6	18	18	-	327	4
INYO	212	119	93	7	-	18	1	-	-	186	-
KERN	4,868	2,508	2,360	768	10	25	119	264	2	3,679	1
KINGS	703	386	317	162	1	3	23	34	1	479	-
LAKE	814	436	378	24	3	16	5	16	1	749	-
LASSEN	204	102	102	11	1	4	1	2	-	185	-
LOS ANGELES	59,774	29,968	29,806	11,879	55	100	4,945	8,426	127	34,175	67
Long Beach [1]	3,343	1,684	1,659	329	6	11	255	413	25	2,299	5
Pasadena [1]	1,151	560	591	125	-	-	64	186	-	774	2
MADERA	937	495	442	165	1	15	9	55	1	691	-
MARIN	1,879	888	991	46	2	-	46	28	4	1,750	3
MARIPOSA	151	79	72	4	-	3	2	-	-	142	-
MENDOCINO	855	426	429	25	-	24	2	3	-	800	1
MERCED	1,395	725	670	251	1	2	65	73	1	1,002	-
MODOC	101	46	55	6	-	5	1	1	-	88	-
MONO	48	35	13	1	-	2	-	-	-	45	-
MONTEREY	2,470	1,244	1,226	437	4	7	140	96	8	1,778	-
NAPA	1,272	649	623	58	-	2	22	14	1	1,174	1
NEVADA	932	474	458	8	1	1	2	2	-	917	1
ORANGE	16,729	7,998	8,731	1,716	17	37	1,235	189	37	13,476	22
PLACER	1,982	943	1,039	94	3	10	25	12	3	1,834	1
PLUMAS	204	105	99	1	-	1	-	1	-	201	-
RIVERSIDE	12,739	6,487	6,252	1,604	15	68	209	644	15	10,173	11
SACRAMENTO	9,373	4,653	4,720	554	21	37	647	878	29	7,205	2
SAN BENITO	272	145	127	87	-	1	2	4	-	178	-
SAN BERNARDINO	11,384	5,755	5,629	1,917	18	51	285	922	16	8,169	6
SAN DIEGO	19,871	9,790	10,081	2,163	44	85	855	889	71	15,742	22
SAN FRANCISCO	6,489	3,359	3,130	503	17	13	1,572	893	23	3,460	8
SAN JOAQUIN	4,465	2,248	2,217	587	7	7	332	299	6	3,226	1
SAN LUIS OBISPO	2,015	989	1,026	81	2	5	25	15	-	1,887	-
SAN MATEO	4,768	2,365	2,403	356	8	7	479	195	58	3,662	3
SANTA BARBARA	2,907	1,408	1,499	382	8	9	74	46	2	2,386	-
SANTA CLARA	8,765	4,275	4,490	1,083	7	26	1,243	224	27	6,152	3
SANTA CRUZ	1,696	774	922	142	2	3	42	9	1	1,496	1
SHASTA	1,778	891	887	27	13	14	9	10	-	1,705	-
SIERRA	40	19	21	-	-	-	-	-	-	40	-
SISKIYOU	517	266	251	4	-	14	1	3	-	495	-
SOLANO	2,493	1,272	1,221	164	17	10	203	378	16	1,704	1
SONOMA	3,872	1,884	1,988	184	6	24	44	36	2	3,576	-
STANISLAUS	3,577	1,706	1,871	404	4	13	70	73	13	3,000	-
SUTTER	676	327	349	34	1	7	37	8	-	589	-
TEHAMA	633	319	314	23	2	6	2	-	-	599	1
TRINITY	142	76	66	-	-	1	1	-	-	140	-
TULARE	2,690	1,372	1,318	579	2	17	47	48	-	1,997	-
TUOLUMNE	598	296	302	9	-	4	-	-	-	585	-
VENTURA	4,729	2,307	2,422	720	6	9	137	73	4	3,780	-
YOLO	1,183	609	574	132	3	11	48	22	1	965	1
YUBA	498	269	229	19	1	7	19	12	1	439	-

[1] City Health Department numbers are included in their respective county totals. - Represents zero events.

* Beginning in 2000, up to three races were reported on death certificates. The race/ethnic groups in this table provide a mutually exclusive list with Hispanic origin, 2 or more races, and single races. American Indian includes Eskimo and Aleut, Pacific Islander includes Hawaiian. These groups are only comparable with the year 2000 data tables. See Chapter 6.

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

California Department of Health Services 169 Vital Statistics of California, 2001

TABLE 5-19. DEATHS BY RACE*, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence)

COUNTY	TOTAL DEATHS	2 OR MORE RACES GROUPS	AMERICAN INDIAN	BLACK	CAMBODIAN	CHINESE	ESKIMO/ ALEUT	FILIPINO	GUAMANIAN	HAWAIIAN	HMONG
CALIFORNIA	232,790	469	978	18,137	294	4,412	3	4,100	79	89	160
ALAMEDA	9,727	35	30	2,009	13	482	1	284	8	8	-
Berkeley [1]	600	2	1	191	-	26	-	1	2	-	-
ALPINE	4	-	1	-	-	-	-	-	-	-	-
AMADOR	397	-	2	2	-	-	-	-	-	-	-
BUTTE	2,240	5	17	17	-	1	-	3	-	-	11
CALAVERAS	370	-	3	1	-	-	-	1	-	1	-
COLUSA	143	-	1	-	-	-	-	-	-	-	-
CONTRA COSTA	6,858	19	8	723	2	104	-	142	3	5	-
DEL NORTE	264	-	13	-	-	-	-	1	-	-	1
EL DORADO	1,161	1	2	2	-	2	-	10	-	1	-
FRESNO	5,582	12	30	346	17	22	-	31	2	1	55
GLENN	224	-	1	1	-	-	-	-	-	-	2
HUMBOLDT	1,294	1	54	11	1	1	-	-	-	2	-
IMPERIAL	826	4	6	18	-	2	-	9	-	-	-
INYO	212	-	18	-	-	-	-	-	-	-	-
KERN	4,868	10	29	267	2	11	-	72	1	-	-
KINGS	703	1	3	36	-	4	-	11	1	-	1
LAKE	814	3	17	16	-	-	-	4	-	1	-
LASSEN	204	1	4	2	-	1	-	-	-	-	-
LOS ANGELES	59,774	68	123	8,489	122	1,447	-	1,202	9	24	-
Long Beach [1]	3,343	6	12	416	86	15	-	100	4	3	-
Pasadena [1]	1,151	-	-	189	-	18	-	11	-	-	-
MADERA	937	2	16	55	-	2	-	3	-	1	1
MARIN	1,879	3	-	28	-	16	-	6	-	4	-
MARIPOSA	151	-	3	-	-	1	-	-	-	-	-
MENDOCINO	855	-	25	3	-	-	-	1	-	-	-
MERCED	1,395	1	2	73	-	4	-	4	-	-	5
MODOC	101	1	5	1	-	1	-	-	-	-	-
MONO	48	-	2	-	-	-	-	-	-	-	-
MONTEREY	2,470	6	7	96	-	15	-	77	2	1	-
NAPA	1,272	1	3	14	1	4	-	10	1	-	-
NEVADA	932	1	2	2	-	-	-	-	-	-	-
ORANGE	16,729	21	41	192	17	211	-	156	3	4	4
PLACER	1,982	3	10	13	-	7	-	6	-	1	-
PLUMAS	204	-	1	1	-	-	-	-	-	-	-
RIVERSIDE	12,739	18	76	650	5	21	-	77	3	3	2
SACRAMENTO	9,373	28	42	881	6	185	-	133	2	2	50
SAN BENITO	272	-	2	4	-	-	-	2	-	-	-
SAN BERNARDINO	11,384	21	56	932	14	38	-	97	-	2	-
SAN DIEGO	19,871	67	87	895	16	99	-	482	22	9	3
SAN FRANCISCO	6,489	25	13	901	7	1,101	1	290	-	2	-
SAN JOAQUIN	4,465	10	12	300	44	53	-	138	-	1	9
SAN LUIS OBISPO	2,015	2	5	15	-	4	-	7	-	-	-
SAN MATEO	4,768	11	9	195	-	165	-	228	1	7	-
SANTA BARBARA	2,907	8	14	46	-	10	-	32	-	2	1
SANTA CLARA	8,765	10	31	225	11	327	-	293	3	4	-
SANTA CRUZ	1,696	2	4	9	-	8	-	11	1	-	-
SHASTA	1,778	13	16	10	-	-	-	3	-	-	-
SIERRA	40	-	-	-	-	-	-	-	-	-	-
SISKIYOU	517	1	14	3	-	-	-	-	-	-	-
SOLANO	2,493	23	10	379	1	11	-	152	12	2	1
SONOMA	3,872	11	28	37	2	5	-	10	-	1	-
STANISLAUS	3,577	4	14	73	10	8	-	15	2	-	1
SUTTER	676	2	7	8	-	2	-	4	-	-	-
TEHAMA	633	2	6	-	-	1	-	1	-	-	-
TRINITY	142	-	1	-	-	-	-	-	-	-	-
TULARE	2,690	2	19	49	1	6	-	15	-	-	1
TUOLUMNE	598	-	4	-	-	-	-	-	-	-	-
VENTURA	4,729	6	12	73	-	21	-	65	2	-	-
YOLO	1,183	3	10	22	1	8	1	10	-	-	1
YUBA	498	1	7	12	1	1	-	2	1	-	11

TABLE 5-19. DEATHS BY RACE*, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001 (By Place of Residence) - Cont.

COUNTY	INDIAN (INDIA)	JAPANESE	KOREAN	LAOTIAN	SAMOAN	THAI	VIETNAMESE	WHITE/ OTHER RACES	OTHER ASIAN	OTHER PACIFIC ISLANDER	UNKNOWN
CALIFORNIA	716	2,167	1,247	249	191	94	1,213	197,554	256	206	176
ALAMEDA	75	92	45	11	10	-	45	6,522	23	31	3
Berkeley [1]	5	20	-	-	-	-	2	348	2	-	-
ALPINE	-	-	-	-	-	-	-	3	-	-	-
AMADOR	-	1	-	-	-	-	-	392	-	-	-
BUTTE	1	6	-	1	-	-	1	2,173	3	1	-
CALAVERAS	-	-	-	-	-	-	-	364	-	-	-
COLUSA	2	3	-	-	-	-	-	137	-	-	-
CONTRA COSTA	21	54	19	16	4	2	13	5,695	12	11	5
DEL NORTE	-	-	-	-	-	-	-	249	-	-	-
EL DORADO	1	2	1	-	-	-	-	1,139	-	-	-
FRESNO	43	77	7	28	-	2	6	4,900	-	2	1
GLENN	-	1	2	3	-	-	-	213	-	-	1
HUMBOLDT	-	-	1	-	-	-	1	1,222	-	-	-
IMPERIAL	2	3	-	-	-	-	-	775	3	-	4
INYO	-	-	1	-	-	-	-	193	-	-	-
KERN	20	7	1	2	1	2	2	4,437	2	-	2
KINGS	-	5	1	-	-	-	-	639	1	-	-
LAKE	1	-	1	1	-	-	-	770	-	-	-
LASSEN	-	-	-	-	-	-	-	196	-	-	-
LOS ANGELES	129	949	740	16	61	53	219	45,942	79	33	69
Long Beach [1]	2	25	7	1	17	5	13	2,622	3	1	5
Pasadena [1]	1	27	2	-	-	-	1	896	4	-	2
MADERA	2	1	-	-	-	-	-	854	-	-	-
MARIN	4	11	4	-	-	1	5	1,794	-	-	3
MARIPOSA	-	1	-	-	-	-	-	146	-	-	-
MENDOCINO	-	-	-	-	-	-	-	824	1	-	1
MERCED	13	5	1	30	-	2	-	1,253	1	1	-
MODOC	-	-	-	-	-	-	-	93	-	-	-
MONO	-	-	-	-	-	-	-	46	-	-	-
MONTEREY	4	33	9	-	4	-	3	2,212	-	1	-
NAPA	1	3	2	-	-	-	1	1,230	-	-	1
NEVADA	-	1	-	-	-	-	-	924	1	-	1
ORANGE	58	134	178	15	20	4	438	15,180	20	11	22
PLACER	1	11	-	-	-	-	-	1,927	-	2	1
PLUMAS	-	-	-	-	-	-	-	202	-	-	-
RIVERSIDE	21	34	18	6	4	5	15	11,758	7	5	11
SACRAMENTO	43	117	22	44	4	2	34	7,739	15	22	2
SAN BENITO	-	-	-	-	-	-	-	264	-	-	-
SAN BERNARDINO	22	34	27	1	6	5	24	10,065	26	8	6
SAN DIEGO	15	101	30	21	31	5	77	17,866	13	10	22
SAN FRANCISCO	13	93	37	2	16	1	26	3,939	8	6	8
SAN JOAQUIN	21	40	1	14	2	1	10	3,801	3	3	2
SAN LUIS OBISPO	2	9	2	-	-	1	-	1,968	-	-	-
SAN MATEO	23	50	10	-	16	-	3	4,008	5	34	3
SANTA BARBARA	3	19	3	3	-	1	2	2,763	-	-	-
SANTA CLARA	93	166	65	4	8	2	272	7,221	15	12	3
SANTA CRUZ	2	14	3	1	-	-	-	1,637	3	-	1
SHASTA	-	-	1	2	-	1	-	1,729	3	-	-
SIERRA	-	-	-	-	-	-	-	40	-	-	-
SISKIYOU	-	-	-	1	-	-	-	498	-	-	-
SOLANO	11	22	3	2	-	1	1	1,858	1	2	1
SONOMA	3	15	4	4	-	-	1	3,749	1	1	-
STANISLAUS	22	4	1	4	2	1	4	3,403	-	9	-
SUTTER	23	8	-	-	-	-	-	622	-	-	-
TEHAMA	-	-	-	-	-	-	-	622	-	-	1
TRINITY	-	1	-	-	-	-	-	140	-	-	-
TULARE	4	4	-	12	-	-	1	2,572	3	-	1
TUOLUMNE	-	-	-	-	-	-	-	594	-	-	-
VENTURA	7	27	5	-	2	1	8	4,497	3	-	-
YOLO	7	9	2	5	-	-	1	1,097	4	1	1
YUBA	3	-	-	-	-	1	-	458	-	-	-

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

- Represents zero events.

* Beginning in 2000, up to three races were reported on death certificates. The list of races identifies 2 or more race groups before selecting single races. These groups are only comparable with the year 2000 data tables.

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

TABLE 5-20. TEN LEADING CAUSES OF DEATH, CALIFORNIA COUNTIES AND SELECTED CITY HEALTH DEPARTMENTS, 2001
(By Place of Residence)

COUNTY	TOTAL ALL CAUSES A00-Y89	TEN LEADING CAUSES OF DEATH FOR CALIFORNIA										ALL OTHER CAUSES (Residual)
		Diseases of the Heart I00-I09, I11, I13, I20-I51	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	232,790	69,004	53,810	18,078	13,056	9,274	8,167	6,457	4,897	3,759	3,256	43,032
ALAMEDA	9,727	2,688	2,322	842	436	344	330	284	192	149	108	2,032
Berkeley [1]	600	158	156	50	24	29	24	10	8	7	10	124
ALPINE	4	-	-	-	1	-	-	-	-	1	1	1
AMADOR	397	122	83	38	15	16	20	7	8	6	3	79
BUTTE	2,240	641	498	165	142	95	63	48	34	36	31	487
CALAVERAS	370	101	87	34	24	28	7	3	5	4	7	70
COLUSA	143	51	32	6	10	5	3	1	-	3	3	29
CONTRA COSTA	6,858	1,916	1,672	588	358	223	197	145	145	107	86	1,421
DEL NORTE	264	79	50	17	16	28	12	1	2	7	5	47
EL DORADO	1,161	324	295	66	71	65	38	23	33	13	25	208
FRESNO	5,582	1,622	1,159	444	291	315	179	181	109	98	82	1,102
GLENN	224	48	49	18	12	22	4	7	4	4	1	55
HUMBOLDT	1,294	328	303	72	110	85	37	45	27	17	29	241
IMPERIAL	826	200	185	57	35	62	11	39	12	31	5	189
INYO	212	62	52	15	20	8	7	3	2	5	4	34
KERN	4,868	1,552	1,067	282	335	283	164	139	81	105	65	795
KINGS	703	172	149	58	43	62	16	42	7	11	8	135
LAKE	814	216	190	70	72	42	23	19	8	18	15	141
LASSEN	204	59	38	17	11	9	3	3	6	3	7	48
LOS ANGELES	59,774	19,433	13,588	4,259	2,931	2,021	2,421	1,890	905	1,010	762	10,554
Long Beach [1]	3,343	1,154	668	217	251	116	106	78	51	53	52	597
Pasadena [1]	1,151	396	272	74	41	32	52	30	25	20	13	196
MADERA	937	271	200	67	47	80	17	33	18	17	19	168
MARIN	1,879	534	453	188	105	55	82	27	24	21	38	352
MARIPOSA	151	45	33	12	11	7	7	3	4	6	2	21
MENDOCINO	855	215	208	76	57	53	26	21	9	13	13	164
MERCED	1,395	375	300	127	87	91	37	56	23	28	24	247
MODOC	101	27	20	9	8	8	1	5	5	4	1	13
MONO	48	9	12	3	5	4	1	2	-	1	3	8
MONTEREY	2,470	645	529	225	126	137	67	63	48	44	31	555
NAPA	1,272	325	308	128	76	40	52	30	54	19	19	221
NEVADA	932	262	232	98	52	43	22	16	22	16	14	155
ORANGE	16,729	5,184	4,091	1,290	913	608	648	410	378	256	236	2,715
PLACER	1,982	548	513	163	117	84	69	39	73	28	29	319
PLUMAS	204	52	63	15	19	7	7	1	1	3	1	35
RIVERSIDE	12,739	4,089	2,825	999	969	479	366	302	289	204	184	2,033
SACRAMENTO	9,373	2,611	2,204	782	572	353	362	246	172	128	134	1,809
SAN BENITO	272	57	66	16	10	18	7	4	7	9	6	72
SAN BERNARDINO	11,384	3,317	2,547	731	765	461	322	402	210	181	157	2,291
SAN DIEGO	19,871	5,544	4,666	1,616	1,194	717	701	491	779	281	314	3,568
SAN FRANCISCO	6,489	1,788	1,491	534	280	281	285	153	154	94	106	1,323
SAN JOAQUIN	4,465	1,296	980	409	288	215	116	155	72	69	55	810
SAN LUIS OBISPO	2,015	575	493	148	116	85	33	42	71	21	40	391
SAN MATEO	4,768	1,282	1,236	449	248	133	187	97	132	61	51	892
SANTA BARBARA	2,907	819	683	246	140	123	102	68	68	46	45	567
SANTA CLARA	8,765	2,492	2,109	728	404	324	307	240	201	153	120	1,687
SANTA CRUZ	1,696	485	363	123	99	68	45	40	37	27	30	379
SHASTA	1,778	486	379	130	133	94	57	33	29	21	40	376
SIERRA	40	12	9	-	1	6	1	1	1	-	1	8
SISKIYOU	517	138	132	32	39	30	12	13	13	6	6	96
SOLANO	2,493	650	645	209	142	83	77	68	75	47	40	457
SONOMA	3,872	983	960	351	223	132	128	83	110	58	41	803
STANISLAUS	3,577	1,167	733	262	197	220	124	103	69	67	45	590
SUTTER	676	203	148	42	44	32	26	15	6	10	11	139
TEHAMA	633	166	155	50	51	24	12	18	5	12	12	128
TRINITY	142	27	26	13	17	9	5	3	1	1	8	32
TULARE	2,690	816	515	210	148	163	98	100	19	56	23	542
TUOLUMNE	598	166	171	35	32	32	14	6	7	10	10	115
VENTURA	4,729	1,294	1,103	400	269	189	138	140	95	82	77	942
YOLO	1,183	289	272	78	82	48	58	31	35	22	16	252
YUBA	498	146	118	36	37	25	13	17	1	9	7	89

- Represents zero events.

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

Note: Causes of death are coded to the Tenth Revision of the International Classification of Diseases.

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

California Department of Health Services 172 Vital Statistics of California, 2001

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence)

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA NUMBER	CALIFORNIA RATE	ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
A00-Y89	TOTAL, ALL CAUSES	232,790	660.7	9,727	4	397	2,240	370	143	6,858	264	1,161	5,582
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	4,397	12.5	220	-	10	29	7	2	117	3	11	124
A00-A09	INTESTINAL INFECTIOUS DISEASES	198	0.6	11	-	-	-	-	-	9	-	1	1
A16-A19	TUBERCULOSIS	129	0.4	7	-	-	-	-	-	2	-	-	6
A40-A41	SEPTICEMIA	864	2.5	56	-	5	20	2	1	28	-	3	22
B15-B19	VIRAL HEPATITIS	718	2.0	28	-	1	4	4	-	17	-	3	27
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	1,495	4.2	69	-	1	3	-	-	33	1	4	33
B35-B49	MYCOSES	113	0.3	7	-	-	1	-	-	3	1	-	7
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	880	2.5	42	-	3	1	1	1	25	1	-	28
C00-C97	MALIGNANT NEOPLASMS	53,810	152.7	2,322	-	83	498	87	32	1,672	50	295	1,159
C00-C14	OF LIP, ORAL CAVITY AND PHARYNX	852	2.4	29	-	1	8	-	-	31	1	7	10
C15-C26	OF DIGESTIVE ORGANS	13,448	38.2	566	-	16	120	21	8	383	7	64	304
C15	OF ESOPHAGUS	1,177	3.3	47	-	1	14	3	-	34	1	4	32
C16	OF STOMACH	1,578	4.5	65	-	2	8	1	1	37	2	5	40
C18	OF COLON	4,383	12.4	195	-	4	47	8	4	138	2	18	95
C22	OF LIVER AND INTRAHEPATIC BILE DUCTS	1,757	5.0	93	-	1	10	3	1	38	-	7	53
C25	OF PANCREAS	3,041	8.6	108	-	4	26	4	-	81	2	21	56
C17,C19-C21, C23-C24,C26	OF OTHER DIGESTIVE ORGANS	1,512	4.3	58	-	4	15	2	2	55	-	9	28
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	14,420	40.9	661	-	27	154	28	7	431	19	92	289
C32	OF LARYNX	349	1.0	19	-	-	3	1	-	7	-	2	10
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	13,966	39.6	639	-	27	151	27	7	422	19	90	274
C30-C31,C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	105	0.3	3	-	-	-	-	-	2	-	-	5
C43	MALIGNANT MELANOMA OF SKIN	777	2.2	30	-	1	7	1	2	14	-	10	16
C45-C49	OF MESOTHELIAL AND SOFT TISSUE	708	2.0	27	-	2	6	-	-	36	1	2	14
C50	OF BREAST	4,220	24.1AB	179	-	7	31	5	-	135	1	18	87
C51-C58	OF FEMALE GENITAL ORGANS	2,745	15.7B	121	-	1	20	3	4	91	-	10	58
C53	OF CERVIX UTERI	465	2.7B	27	-	1	4	-	-	11	-	1	11
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	637	3.6B	23	-	-	1	1	2	30	-	5	16
C56	OF OVARY	1,495	8.5B	65	-	-	14	2	2	50	-	4	31
C51-C52,C57-C58	OF OTHER FEMALE GENITAL ORGANS	148	0.8B	6	-	-	1	-	-	-	-	-	-
C60-C63	OF MALE GENITAL ORGANS	3,019	17.1B	144	-	3	29	9	1	101	4	16	75
C61	OF PROSTATE	2,936	16.6B	140	-	3	29	9	1	98	4	16	74
C60,C62-C63	OF OTHER MALE GENITAL ORGANS	83	0.5B	4	-	-	-	-	-	3	-	-	1
C64-C68	OF URINARY TRACT	2,394	6.8	87	-	4	19	1	5	73	3	12	59
C64-C65	OF KIDNEY AND RENAL PELVIS	1,146	3.3	37	-	3	6	-	3	36	1	3	33
C67	OF BLADDER	1,187	3.4	49	-	1	12	1	2	36	2	8	25
C66,C68	OF OTHER URINARY TRACT	61	0.2	1	-	-	1	-	-	1	-	1	1
C71	OF BRAIN	1,337	3.8	51	-	2	10	1	1	39	-	7	33
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	5,542	15.7	216	-	11	55	6	2	187	7	34	126
C81	HODGKIN'S DISEASE	149	0.4	6	-	-	-	1	-	5	-	1	1
C82-C85	NON-HODGKIN'S LYMPHOMA	2,146	6.1	85	-	2	21	-	-	81	6	15	52
C88,C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	1,090	3.1	49	-	2	13	1	-	45	-	6	24
C91-C95	LEUKEMIA	2,144	6.1	76	-	7	21	4	2	54	1	12	49
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	13	0.0E	-	-	-	-	-	-	2	-	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	4,348	12.3	211	-	8	39	12	2	151	7	23	88
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	1,185	3.4	45	-	2	13	3	1	50	-	7	28
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	594	1.7	36	-	6	4	-	-	18	1	2	19
D50-D64	ANEMIAS	228	0.6	15	-	-	2	-	-	7	1	1	5
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	123	0.3	9	-	2	2	-	-	6	-	-	4
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	243	0.7	12	-	4	-	-	-	5	-	1	10

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA NUMBER	CALIFORNIA RATE	ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	8,200	23.3	380	-	14	70	4	5	203	4	35	234
E10-E14	DIABETES MELLITUS	6,457	18.3	284	-	7	48	3	1	145	1	23	181
E00-E07,E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	1,743	4.9	96	-	7	22	1	4	58	3	12	53
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	3,904	11.1	234	-	5	37	3	-	180	2	24	76
F01,F03	ORGANIC DEMENTIA	2,445	6.9	174	-	5	28	-	-	135	1	18	39
F02,F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	1,459	4.1	60	-	-	9	3	-	45	1	6	37
G00-G98	DISEASES OF THE NERVOUS SYSTEM	8,523	24.2	326	-	13	115	12	4	275	8	52	188
G20-G21	PARKINSON'S DISEASE	1,509	4.3	52	-	1	26	4	2	64	3	8	32
G30	ALZHEIMER'S DISEASE	4,897	13.9	192	-	8	34	5	-	145	2	33	109
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	2,117	6.0	82	-	4	55	3	2	66	3	11	47
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	93,685	265.9	3,804	-	171	908	149	65	2,730	100	419	2,202
I00-I09,I11, I13,I20-I51	DISEASES OF THE HEART	69,004	195.8	2,688	-	122	641	101	51	1,916	79	324	1,622
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	376	1.1	11	-	1	2	2	-	17	1	1	8
I11,I13	HYPERTENSIVE HEART	3,944	11.2	244	-	8	9	1	7	150	4	5	94
I20-I25	ISCHEMIC HEART	53,577	152.1	1,933	-	85	481	80	32	1,386	39	238	1,268
I26-I51	OTHER HEART DISEASE	11,107	31.5	500	-	28	149	18	12	363	35	80	252
I10,I12	HYPERTENSION	2,348	6.7	105	-	-	20	2	3	71	2	8	76
I60-I69	CEREBROVASCULAR DISEASES	18,078	51.3	842	-	38	165	34	6	588	17	66	444
I70	ATHEROSCLEROSIS	1,598	4.5	45	-	3	46	8	2	56	1	4	17
I71	AORTIC ANEURYSM	1,352	3.8	58	-	5	23	2	2	54	1	12	23
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1,305	3.7	66	-	3	13	2	1	45	-	5	20
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	24,200	68.7	947	1	41	251	37	15	697	35	129	591
J10-J18	INFLUENZA AND PNEUMONIA	8,167	23.2	330	-	20	63	7	3	197	12	38	179
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	13,056	37.1	436	1	15	142	24	10	358	16	71	291
J43	EMPHYSEMA	1,686	4.8	74	-	4	10	2	-	53	5	10	29
J45-J46	ASTHMA	543	1.5	32	-	3	3	-	-	19	1	5	9
J40-J42,J44,J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	10,827	30.7	330	1	8	129	22	10	286	10	56	253
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	991	2.8	85	-	2	28	2	1	63	2	3	73
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	1,986	5.6	96	-	4	18	4	1	79	5	17	48
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	8,948	25.4	373	1	20	90	12	4	244	16	47	235
K25-K28	PEPTIC ULCER	736	2.1	26	-	3	5	-	-	18	2	7	21
K40-K46	HERNIA	162	0.5	9	-	-	3	-	-	4	-	2	3
K70,K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	3,759	10.7	149	1	6	36	4	3	107	7	13	98
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	352	1.0	11	-	-	1	-	-	11	1	3	15
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	3,939	11.2	178	-	11	45	8	1	104	6	22	98
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1,392	4.0	67	-	2	7	1	-	50	2	4	41
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	4,139	11.7	189	1	8	47	9	3	122	3	23	88
N00-N39	DISEASES OF THE URINARY SYSTEM	4,012	11.4	185	1	7	47	9	3	114	3	22	87
N00-N07,N17-N19 N25-N27	NEPHRITIS	1,988	5.6	77	1	3	29	6	1	38	1	9	27
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	2,024	5.7	108	-	4	18	3	2	76	2	13	60
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	127	0.4	4	-	1	-	-	-	8	-	1	1
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	54	1.0C	5	-	-	-	-	-	1	-	-	2
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1,371	2.6D	73	-	-	2	1	-	23	1	4	37

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	CALIFORNIA NUMBER	CALIFORNIA RATE	ALAMEDA	ALPINE	AMADOR	BUTTE	CALA-VERAS	COLUSA	CONTRA COSTA	DEL NORTE	EL DORADO	FRESNO
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	1,337	3.8	50	-	1	3	2	1	38	-	5	23
R00-R99	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	1,483	4.2	61	-	2	15	5	-	45	5	8	64
R95	SUDDEN INFANT DEATH SYNDROME	197	0.4D	20	-	-	2	-	-	4	1	-	5
REMAINDER OF R00-R99	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	1,286	3.7	41	-	2	13	5	-	41	4	8	59
H00-H93,L00-L98	ALL OTHER DISEASES	238	0.7	21	-	-	3	1	-	7	-	1	2
V01-X59,Y85-Y86	ACCIDENTS	9,274	26.3	344	-	16	95	28	5	223	28	65	315
SEE FOOTNOTE*	MOTOR VEHICLE ACCIDENTS	3,976	11.3	111	-	10	36	15	2	79	8	19	158
W00-W19	FALLS	1,299	3.7	55	-	1	14	4	1	28	3	10	36
W65-W74	DROWNINGS AND SUBMERSIONS	418	1.2	17	-	-	3	-	1	15	-	2	23
X40-X49	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	1,982	5.6	84	-	2	23	3	-	49	12	13	53
REMAINDER OF V01-X59, Y85-Y86	OTHER ACCIDENTS	1,599	4.5	77	-	3	19	6	1	52	5	21	45
X60-X84,Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	3,256	9.2	108	1	3	31	7	3	86	5	25	82
X72-X74	BY DISCHARGE OF FIREARMS	1,520	4.3	45	1	3	13	5	3	40	3	18	38
REMAINDER OF X60-X84,Y87.0	OTHER INTENTIONAL SELF-HARM	1,736	4.9	63	-	-	18	2	-	46	2	7	44
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	2,301	6.5	106	-	-	13	-	1	58	1	1	61
X93-X95	BY DISCHARGE OF FIREARMS	1,607	4.6	84	-	-	6	-	1	42	-	-	44
REMAINDER OF X85-Y09,Y87.1	OTHER ASSAULT	694	2.0	22	-	-	7	-	-	16	1	1	17
Y10-Y34,Y87.2, Y89.9	EVENT OF INDETERMINENT INTENT	232	0.7	4	-	-	2	2	1	8	-	2	2
Y35,Y89.0	LEGAL INTERVENTION	83	0.2	2	-	-	1	-	-	4	-	2	-
Y36,Y89.1	OPERATIONS OF WAR	1	0.0E	-	-	-	-	-	-	-	-	-	-
Y40-Y84,Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	183	0.5	10	-	-	6	-	1	7	-	-	9

* 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 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (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
A00-Y89	TOTAL, ALL CAUSES	224	1,294	826	212	4,868	703	814	204	59,774	937	1,879	151
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	5	31	27	2	83	23	11	2	1,138	18	27	-
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	2	1	-	4	-	1	-	34	1	-	-
A16-A19	TUBERCULOSIS	-	2	1	-	5	-	-	-	42	1	1	-
A40-A41	SEPTICEMIA	4	10	9	2	18	7	3	1	110	6	13	-
B15-B19	VIRAL HEPATITIS	1	5	6	-	15	5	4	1	172	-	3	-
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	6	2	-	12	3	2	-	558	6	4	-
B35-B49	MYCOSES	-	1	-	-	12	1	-	-	15	1	-	-
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	-	5	8	-	17	7	1	-	207	3	6	-
C00-C97	MALIGNANT NEOPLASMS	49	303	185	52	1,067	149	190	38	13,588	200	453	33
C00-C14	OF LIP, ORAL CAVITY AND PHARYNX	1	3	4	-	12	2	4	-	203	3	7	1
C15-C26	OF DIGESTIVE ORGANS	14	71	44	12	262	37	42	11	3,807	45	97	10
C15	OF ESOPHAGUS	1	12	2	2	18	4	6	2	269	2	6	-
C16	OF STOMACH	-	3	9	1	34	5	6	-	567	10	7	-
C18	OF COLON	4	21	11	3	88	7	14	1	1,193	11	38	5
C22	OF LIVER AND INTRAHEPATIC BILE DUCTS	3	8	9	1	24	4	3	1	546	2	10	2
C25	OF PANCREAS	2	16	9	4	74	11	8	4	808	13	18	2
C17,C19-C21, C23-C24,C26	OF OTHER DIGESTIVE ORGANS	4	11	4	1	24	6	5	3	424	7	18	1
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	20	81	45	15	309	39	63	10	3,348	62	112	9
C32	OF LARYNX	1	1	-	2	6	2	1	-	89	2	1	-
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	19	79	45	13	303	37	60	10	3,232	60	110	9
C30-C31,C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	1	-	-	-	-	2	-	27	-	1	-
C43	MALIGNANT MELANOMA OF SKIN	-	6	1	1	17	2	6	1	140	3	8	1
C45-C49	OF MESOTHELIAL AND SOFT TISSUE	1	1	4	1	12	1	3	1	156	4	9	-
C50	OF BREAST	4	34	9	4	81	13	7	2	1,096	3	49	3
C51-C58	OF FEMALE GENITAL ORGANS	1	15	11	1	50	9	12	2	767	8	22	1
C53	OF CERVIX UTERI	-	3	4	-	12	1	-	1	164	1	1	-
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	-	4	4	1	10	2	5	1	164	2	6	-
C56	OF OVARY	1	7	3	-	26	5	7	-	401	4	15	1
C51-C52,C57-C58	OF OTHER FEMALE GENITAL ORGANS	-	1	-	-	2	1	-	-	38	1	-	-
C60-C63	OF MALE GENITAL ORGANS	4	22	14	2	48	7	10	3	718	16	25	1
C61	OF PROSTATE	4	22	12	2	45	7	10	2	696	15	24	1
C60,C62-C63	OF OTHER MALE GENITAL ORGANS	-	-	2	-	3	-	-	1	22	1	1	-
C64-C68	OF URINARY TRACT	2	11	8	2	46	5	11	1	611	15	19	1
C64-C65	OF KIDNEY AND RENAL PELVIS	-	4	6	1	21	2	6	1	299	6	7	-
C67	OF BLADDER	2	6	2	1	25	3	5	-	297	7	11	1
C66,C68	OF OTHER URINARY TRACT	-	1	-	-	-	-	-	-	15	2	1	-
C71	OF BRAIN	1	5	6	-	29	4	1	-	308	6	10	1
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	1	27	19	4	98	12	14	3	1,382	17	60	3
C81	HODGKIN'S DISEASE	-	-	2	-	5	-	-	-	41	1	1	-
C82-C85	NON-HODGKIN'S LYMPHOMA	-	13	6	1	33	4	5	-	490	5	24	1
C88,C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	-	2	5	-	19	4	4	-	297	5	11	-
C91-C95	LEUKEMIA	1	12	6	3	40	4	5	3	352	6	24	2
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	1	-	-	-	2	-	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	-	27	20	10	103	18	17	4	1,052	18	35	2
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	-	10	4	-	20	2	6	-	269	4	12	-
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	-	7	1	1	9	3	2	2	121	5	7	2
D50-D64	ANEMIAS	-	4	-	1	2	1	-	2	47	3	1	-

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (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
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	-	2	1	-	-	1	-	-	29	1	1	1
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	1	-	-	7	1	2	-	45	1	5	1
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	14	68	52	3	180	53	27	5	2,226	41	33	7
E10-E14	DIABETES MELLITUS	7	45	39	3	139	42	19	3	1,890	33	27	3
E00-E07,E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	7	23	13	-	41	11	8	2	336	8	6	4
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	3	31	10	4	64	11	11	1	838	4	38	1
F01,F03	ORGANIC DEMENTIA	1	10	5	2	32	6	3	-	536	2	34	-
F02,F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	2	21	5	2	32	5	8	1	302	2	4	1
G00-G98	DISEASES OF THE NERVOUS SYSTEM	16	48	26	4	161	18	16	10	1,670	30	68	5
G20-G21	PARKINSON'S DISEASE	1	7	7	1	25	4	5	1	316	5	21	-
G30	ALZHEIMER'S DISEASE	4	27	12	2	81	7	8	6	905	18	24	4
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	11	14	7	1	55	7	3	3	449	7	23	1
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	70	424	269	85	1,918	241	302	85	25,430	358	792	59
I00-I09,I11, I13,I20-I51	DISEASES OF THE HEART	48	328	200	62	1,552	172	216	59	19,433	271	534	45
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	4	2	-	7	-	-	2	108	2	3	-
I11,I13	HYPERTENSIVE HEART	-	23	11	3	69	18	4	5	842	28	16	1
I20-I25	ISCHEMIC HEART	40	200	149	48	1,215	128	157	41	16,121	206	408	36
I26-I51	OTHER HEART DISEASE	7	101	38	11	261	26	55	11	2,362	35	107	8
I10,I12	HYPERTENSION	1	7	6	3	30	6	8	3	672	9	14	-
I60-I69	CEREBROVASCULAR DISEASES	18	72	57	15	282	58	70	17	4,259	67	188	12
I70	ATHEROSCLEROSIS	1	3	2	-	19	-	-	2	496	3	19	-
I71	AORTIC ANEURYSM	1	11	2	2	13	3	5	4	271	7	21	-
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	1	3	2	3	22	2	3	-	299	1	16	2
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	20	165	61	30	549	70	112	21	5,749	86	215	20
J10-J18	INFLUENZA AND PNEUMONIA	4	37	11	7	164	16	23	3	2,421	17	82	7
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	12	110	35	20	335	43	72	11	2,931	47	105	11
J43	EMPHYSEMA	-	17	5	1	43	5	13	1	389	9	26	5
J45-J46	ASTHMA	-	4	3	1	13	-	-	-	152	1	8	-
J40-J42,J44,J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	12	89	27	18	279	38	59	10	2,390	37	71	6
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	2	5	5	-	24	3	8	2	15	13	6	2
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	2	13	10	3	26	8	9	5	382	9	22	-
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	13	39	60	10	217	29	41	12	2,155	47	66	9
K25-K28	PEPTIC ULCER	1	3	-	-	17	2	3	-	206	2	6	1
K40-K46	HERNIA	-	1	-	-	5	-	-	-	38	-	1	-
K70,K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	4	17	31	5	105	11	18	3	1,010	17	21	6
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	1	5	-	6	-	1	-	109	4	1	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	8	17	24	5	84	16	19	9	792	24	37	2
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	3	7	3	1	34	6	4	-	342	2	7	1
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	6	20	5	4	69	11	17	2	1,126	8	28	2
N00-N39	DISEASES OF THE URINARY SYSTEM	6	19	5	4	66	11	16	2	1,103	7	28	2
N00-N07,N17-N19 N25-N27	NEPHRITIS	6	9	2	2	31	6	7	2	632	3	13	2
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	-	10	3	2	35	5	9	-	471	4	15	-
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	-	1	-	-	3	-	1	-	23	1	-	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	1	-	-	-	20	2	-	-

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (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
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	1	3	1	36	1	1	2	433	5	4	-
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	1	5	7	1	37	3	2	2	377	6	7	-
R00-R99	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	1	7	35	-	11	4	11	2	287	5	7	2
R95	SUDDEN INFANT DEATH SYNDROME	-	3	-	-	5	4	1	1	23	-	-	1
REMAINDER OF R00-R99	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	1	4	35	-	6	-	10	1	264	5	7	1
H00-H93,L00-L98	ALL OTHER DISEASES	-	3	1	2	7	-	-	1	25	6	1	-
V01-X59,Y85-Y86	ACCIDENTS	22	85	62	8	283	62	42	9	2,021	80	55	7
SEE FOOTNOTE*	MOTOR VEHICLE ACCIDENTS	14	25	15	5	125	38	13	6	890	43	16	3
W00-W19	FALLS	-	11	6	3	24	4	6	-	281	10	11	-
W65-W74	DROWNINGS AND SUBMERSIONS	3	7	22	-	7	1	3	-	74	6	5	-
X40-X49	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	2	28	6	-	72	6	8	-	492	14	9	3
REMAINDER OF V01-X59, Y85-Y86	OTHER ACCIDENTS	3	14	13	-	55	13	12	3	284	7	14	1
X60-X84,Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	1	29	5	4	65	8	15	7	762	19	38	2
X72-X74	BY DISCHARGE OF FIREARMS	-	16	2	3	34	3	8	3	348	9	17	1
REMAINDER OF X60-X84,Y87.0	OTHER INTENTIONAL SELF-HARM	1	13	3	1	31	5	7	4	414	10	21	1
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	-	8	8	-	47	5	-	2	1,099	11	4	-
X93-X95	BY DISCHARGE OF FIREARMS	-	3	4	-	28	1	-	1	867	4	2	-
REMAINDER OF X85-Y09,Y87.1	OTHER ASSAULT	-	5	4	-	19	4	-	1	232	7	2	-
Y10-Y34,Y87.2, Y89.9	EVENT OF INDETERMINENT INTENT	-	1	1	-	1	2	3	1	49	-	13	-
Y35,Y89.0	LEGAL INTERVENTION	-	-	-	-	5	1	-	-	15	-	1	-
Y36,Y89.1	OPERATIONS OF WAR	-	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84,Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	2	1	-	4	1	1	-	34	-	3	1

* 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 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (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
A00-Y89	TOTAL, ALL CAUSES	855	1,395	101	48	2,470	1,272	932	16,729	1,982	204	12,739	9,373
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	6	20	-	-	43	17	17	222	28	1	216	175
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	1	-	-	2	-	1	22	3	-	20	15
A16-A19	TUBERCULOSIS	-	-	-	-	1	1	-	8	2	1	7	4
A40-A41	SEPTICEMIA	1	4	-	-	12	3	3	27	8	-	34	40
B15-B19	VIRAL HEPATITIS	1	6	-	-	10	3	5	47	3	-	34	33
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	4	3	-	-	9	1	1	54	2	-	76	46
B35-B49	MYCOSES	-	1	-	-	-	1	-	7	-	-	8	5
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	-	5	-	-	9	8	7	57	10	-	37	32
C00-C97	MALIGNANT NEOPLASMS	208	300	20	12	529	308	232	4,091	513	63	2,825	2,204
C00-C14	OF LIP, ORAL CAVITY AND PHARYNX	5	5	-	-	8	6	3	67	9	1	46	33
C15-C26	OF DIGESTIVE ORGANS	41	80	7	2	133	68	52	952	116	11	663	357
C15	OF ESOPHAGUS	5	7	1	1	9	10	5	91	10	2	45	57
C16	OF STOMACH	1	9	-	-	13	3	6	131	11	-	57	55
C18	OF COLON	12	22	2	1	42	29	17	307	37	3	270	171
C22	OF LIVER AND INTRAHEPATIC BILE DUCTS	4	10	3	-	20	5	3	124	9	1	77	63
C25	OF PANCREAS	15	19	1	-	37	14	15	207	38	4	138	141
C17,C19-C21, C23-C24,C26	OF OTHER DIGESTIVE ORGANS	4	13	-	-	12	7	6	92	11	1	76	70
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	71	82	5	3	140	85	57	1,072	139	23	808	619
C32	OF LARYNX	3	2	-	-	5	1	3	22	3	1	21	6
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	68	79	5	3	134	81	54	1,044	136	22	782	609
C30-C31,C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	1	-	-	1	3	-	6	-	-	5	4
C43	MALIGNANT MELANOMA OF SKIN	2	2	-	-	7	5	5	74	12	3	50	22
C45-C49	OF MESOTHELIAL AND SOFT TISSUE	-	3	-	-	8	4	1	53	8	-	28	28
C50	OF BREAST	12	20	1	-	43	20	15	326	38	8	239	167
C51-C58	OF FEMALE GENITAL ORGANS	14	8	-	-	25	12	17	209	28	3	119	113
C53	OF CERVIX UTERI	4	2	-	-	3	1	2	28	3	-	20	11
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	3	1	-	-	2	1	8	48	8	1	25	34
C56	OF OVARY	6	3	-	-	18	9	6	122	15	2	65	62
C51-C52,C57-C58	OF OTHER FEMALE GENITAL ORGANS	1	2	-	-	2	1	1	11	2	-	9	6
C60-C63	OF MALE GENITAL ORGANS	9	11	1	2	32	21	15	210	23	3	176	120
C61	OF PROSTATE	7	11	1	2	32	20	15	206	23	3	173	118
C60,C62-C63	OF OTHER MALE GENITAL ORGANS	2	-	-	-	-	1	-	4	-	-	3	2
C64-C68	OF URINARY TRACT	7	19	2	1	26	17	14	187	30	5	140	99
C64-C65	OF KIDNEY AND RENAL PELVIS	3	12	-	-	17	7	7	90	13	2	58	50
C67	OF BLADDER	3	7	2	1	8	9	5	92	16	3	80	44
C66,C68	OF OTHER URINARY TRACT	1	-	-	-	1	1	2	5	1	-	2	5
C71	OF BRAIN	6	9	-	-	9	11	8	141	19	-	72	48
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	18	38	2	3	66	34	24	472	52	5	281	232
C81	HODGKIN'S DISEASE	-	1	-	-	2	1	-	6	4	-	6	5
C82-C85	NON-HODGKIN'S LYMPHOMA	6	16	1	1	18	15	13	178	21	-	113	89
C88,C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	4	6	1	2	24	6	2	95	11	-	45	42
C91-C95	LEUKEMIA	8	15	-	-	22	12	9	192	16	5	115	95
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	1	-	-	2	1
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	23	23	2	1	32	25	21	328	39	1	203	166
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	6	6	-	-	20	7	3	77	10	2	65	38
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	5	1	-	-	5	2	2	39	5	-	25	26
D50-D64	ANEMIAS	3	-	-	-	1	-	1	11	2	-	8	13

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (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	2	-	-	-	-	-	-	6	1	-	4	5
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	1	-	-	4	2	1	22	2	-	13	8
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	26	73	6	3	97	33	21	493	57	3	369	315
E10-E14	DIABETES MELLITUS	21	56	5	2	63	30	16	410	39	1	302	246
E00-E07,E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	5	17	1	1	34	3	5	83	18	2	67	69
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	22	14	1	2	55	19	14	256	24	2	197	183
F01,F03	ORGANIC DEMENTIA	13	8	1	1	36	13	13	206	20	2	123	129
F02,F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	9	6	-	1	19	6	1	50	4	-	74	54
G00-G98	DISEASES OF THE NERVOUS SYSTEM	27	44	5	1	111	77	43	648	104	8	457	299
G20-G21	PARKINSON'S DISEASE	6	3	-	-	26	9	12	140	7	5	52	43
G30	ALZHEIMER'S DISEASE	9	23	5	-	48	54	22	378	73	1	289	172
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	12	18	-	1	37	14	9	130	24	2	116	84
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	312	540	39	13	952	499	386	6,956	769	77	5,436	3,654
I00-I09,I11, I13,I20-I51	DISEASES OF THE HEART	215	375	27	9	645	325	262	5,184	548	52	4,089	2,611
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	1	1	-	-	2	2	1	20	5	-	17	7
I11,I13	HYPERTENSIVE HEART	7	35	-	-	22	16	10	180	27	4	341	111
I20-I25	ISCHEMIC HEART	147	294	19	7	453	248	208	4,268	415	31	3,222	2,085
I26-I51	OTHER HEART DISEASE	60	45	8	2	168	59	43	716	101	17	509	408
I10,I12	HYPERTENSION	5	18	1	-	27	5	7	154	18	4	103	87
I60-I69	CEREBROVASCULAR DISEASES	76	127	9	3	225	128	98	1,290	163	15	999	782
I70	ATHEROSCLEROSIS	3	4	-	-	15	23	6	129	13	2	108	71
I71	AORTIC ANEURYSM	7	10	1	1	18	10	7	97	17	3	79	52
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	6	6	1	-	22	8	6	102	10	1	58	51
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	101	140	10	6	232	153	79	1,698	203	26	1,450	1,035
J10-J18	INFLUENZA AND PNEUMONIA	26	37	1	1	67	52	22	648	69	7	366	362
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	57	87	8	5	126	76	52	913	117	19	969	572
J43	EMPHYSEMA	7	16	2	-	20	7	3	118	16	-	90	65
J45-J46	ASTHMA	1	6	-	-	10	2	1	29	3	1	31	21
J40-J42,J44,J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	49	65	6	5	96	67	48	766	98	18	848	486
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	9	3	-	-	12	11	2	5	7	-	16	37
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	9	13	1	-	27	14	3	132	10	-	99	64
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	35	65	8	2	111	50	40	636	69	7	452	349
K25-K28	PEPTIC ULCER	2	10	1	-	7	2	4	57	6	-	43	32
K40-K46	HERNIA	-	1	-	-	3	1	-	13	1	-	3	9
K70,K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	13	28	4	1	44	19	16	256	28	3	204	128
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	2	3	-	1	5	2	1	31	1	-	9	12
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	18	23	3	-	52	26	19	279	33	4	193	168
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	8	7	2	1	22	6	5	88	14	-	82	50
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	10	12	-	-	37	25	16	298	37	2	191	185
N00-N39	DISEASES OF THE URINARY SYSTEM	9	9	-	-	35	24	16	287	34	2	186	183
N00-N07,N17-N19 N25-N27	NEPHRITIS	6	2	-	-	21	5	4	123	15	1	105	57
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	3	7	-	-	14	19	12	164	19	1	81	126
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	1	3	-	-	2	1	-	11	3	-	5	2
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	-	-	-	-	-	-	2	-	-	2	2

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (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
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	4	9	-	-	22	-	2	107	6	-	46	49
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	4	13	-	-	13	5	1	121	10	-	50	46
R00-R99	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	7	25	1	1	14	9	7	50	9	4	79	156
R95	SUDDEN INFANT DEATH SYNDROME	1	2	-	-	1	1	-	8	-	-	8	17
REMAINDER OF R00-R99	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	6	23	1	1	13	8	7	42	9	4	71	139
H00-H93,L00-L98	ALL OTHER DISEASES	-	-	-	-	4	1	2	5	1	1	6	11
V01-X59,Y85-Y86	ACCIDENTS	53	91	8	4	137	40	43	608	84	7	479	353
SEE FOOTNOTE*	MOTOR VEHICLE ACCIDENTS	18	52	4	3	62	19	12	237	29	4	245	183
W00-W19	FALLS	6	7	2	-	14	7	11	128	25	2	52	50
W65-W74	DROWNINGS AND SUBMERSIONS	1	3	-	1	11	1	-	26	3	1	20	15
X40-X49	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	6	12	1	-	25	7	9	148	13	-	87	36
REMAINDER OF V01-X59, Y85-Y86	OTHER ACCIDENTS	22	17	1	-	25	6	11	69	14	-	75	69
X60-X84,Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	13	24	1	3	31	19	14	236	29	1	184	134
X72-X74	BY DISCHARGE OF FIREARMS	8	13	-	1	14	8	8	92	14	1	95	63
REMAINDER OF X60-X84,Y87.0	OTHER INTENTIONAL SELF-HARM	5	11	1	2	17	11	6	144	15	-	89	71
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	5	6	-	-	31	1	5	77	4	-	104	70
X93-X95	BY DISCHARGE OF FIREARMS	2	4	-	-	23	-	3	46	2	-	56	45
REMAINDER OF X85-Y09,Y87.1	OTHER ASSAULT	3	2	-	-	8	1	2	31	2	-	48	25
Y10-Y34,Y87.2, Y89.9	EVENT OF INDETERMINENT INTENT	1	2	-	-	-	-	-	11	5	-	5	26
Y35,Y89.0	LEGAL INTERVENTION	-	1	-	-	1	-	-	4	-	-	13	4
Y36,Y89.1	OPERATIONS OF WAR	-	-	-	-	-	-	-	1	-	-	-	-
Y40-Y84,Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	2	2	-	-	3	1	-	5	1	-	6	9

* 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 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BER-NARDINO	SAN DIEGO	SAN FRAN-CISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
A00-Y89	TOTAL, ALL CAUSES	272	11,384	19,871	6,489	4,465	2,015	4,768	2,907	8,765	1,696	1,778	40
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	6	207	416	279	88	38	83	40	170	25	26	2
A00-A09	INTESTINAL INFECTIOUS DISEASES	-	7	26	3	1	1	5	5	5	1	-	-
A16-A19	TUBERCULOSIS	-	5	13	4	3	-	3	1	2	-	-	-
A40-A41	SEPTICEMIA	5	52	85	22	25	12	20	7	48	12	11	2
B15-B19	VIRAL HEPATITIS	1	34	56	23	14	5	15	5	36	1	7	-
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	70	131	193	20	6	27	5	32	6	1	-
B35-B49	MYCOSES	-	1	11	3	7	2	2	1	6	1	2	-
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	-	38	94	31	18	12	11	16	41	4	5	-
C00-C97	MALIGNANT NEOPLASMS	66	2,547	4,666	1,491	980	493	1,236	683	2,109	363	379	9
C00-C14	OF LIP, ORAL CAVITY AND PHARYNX	1	57	73	39	16	4	17	7	29	2	8	-
C15-C26	OF DIGESTIVE ORGANS	23	614	1,097	424	217	116	308	167	559	79	92	3
C15	OF ESOPHAGUS	1	71	121	24	19	5	29	18	53	9	17	1
C16	OF STOMACH	2	51	108	60	27	13	32	10	61	3	9	-
C18	OF COLON	6	203	359	118	72	49	102	66	163	24	28	1
C22	OF LIVER AND INTRAHEPATIC BILE DUCTS	3	85	108	80	28	7	31	23	111	10	7	-
C25	OF PANCREAS	7	142	273	92	49	32	73	37	121	25	20	1
C17,C19-C21, C23-C24,C26	OF OTHER DIGESTIVE ORGANS	4	62	128	50	22	10	41	13	50	8	11	-
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	21	678	1,266	399	297	138	345	169	518	90	125	2
C32	OF LARYNX	1	18	24	12	10	4	13	3	8	-	6	-
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	20	655	1,228	386	285	134	332	165	502	90	118	2
C30-C31,C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	5	14	1	2	-	-	1	8	-	1	-
C43	MALIGNANT MELANOMA OF SKIN	1	42	90	16	15	14	15	16	30	4	8	-
C45-C49	OF MESOTHELIAL AND SOFT TISSUE	2	40	50	28	17	4	23	10	40	11	1	-
C50	OF BREAST	2	204	378	104	84	26	102	48	187	23	26	-
C51-C58	OF FEMALE GENITAL ORGANS	3	130	252	68	38	21	42	36	104	24	15	1
C53	OF CERVIX UTERI	-	31	46	9	9	5	2	2	6	4	2	-
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	2	26	62	21	10	3	11	5	26	6	4	-
C56	OF OVARY	-	65	136	31	16	12	28	27	62	11	7	1
C51-C52,C57-C58	OF OTHER FEMALE GENITAL ORGANS	1	8	8	7	3	1	1	2	10	3	2	-
C60-C63	OF MALE GENITAL ORGANS	2	140	292	61	51	32	85	32	113	23	20	-
C61	OF PROSTATE	2	134	287	59	47	32	83	32	107	22	20	-
C60,C62-C63	OF OTHER MALE GENITAL ORGANS	-	6	5	2	4	-	2	-	6	1	-	-
C64-C68	OF URINARY TRACT	2	117	206	68	43	25	48	38	70	22	16	1
C64-C65	OF KIDNEY AND RENAL PELVIS	1	62	106	23	27	14	19	18	36	13	10	1
C67	OF BLADDER	1	53	94	41	16	11	29	18	33	9	6	-
C66,C68	OF OTHER URINARY TRACT	-	2	6	4	-	-	-	2	1	-	-	-
C71	OF BRAIN	-	71	117	29	24	10	33	19	60	9	13	-
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	4	239	484	140	91	56	128	76	229	48	22	2
C81	HODGKIN'S DISEASE	-	9	12	2	2	3	1	2	5	1	1	-
C82-C85	NON-HODGKIN'S LYMPHOMA	-	99	200	55	34	23	48	35	93	23	9	1
C88,C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	2	39	83	32	20	13	25	8	29	13	4	-
C91-C95	LEUKEMIA	2	91	188	51	34	17	54	31	102	11	8	1
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	1	1	-	1	-	-	-	-	-	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	5	215	361	115	87	47	90	65	170	28	33	-
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	2	65	76	36	29	13	21	28	55	14	19	-
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	1	39	49	20	14	2	14	6	24	3	6	-
D50-D64	ANEMIAS	1	15	19	7	6	1	8	3	10	-	3	-

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BER-NARDINO	SAN DIEGO	SAN FRAN-CISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	-	7	10	5	3	-	3	1	3	1	-	-
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	17	20	8	5	1	3	2	11	2	3	-
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	8	502	637	193	208	58	133	94	293	70	55	2
E10-E14	DIABETES MELLITUS	4	402	491	153	155	42	97	68	240	40	33	1
E00-E07,E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	4	100	146	40	53	16	36	26	53	30	22	1
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	12	318	206	179	38	30	59	76	180	54	45	-
F01,F03	ORGANIC DEMENTIA	8	134	55	75	15	14	42	48	141	28	29	-
F02,F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	4	184	151	104	23	16	17	28	39	26	16	-
G00-G98	DISEASES OF THE NERVOUS SYSTEM	11	369	1,105	250	139	117	213	126	365	72	64	2
G20-G21	PARKINSON'S DISEASE	3	53	155	50	27	32	43	25	71	15	12	-
G30	ALZHEIMER'S DISEASE	7	210	779	154	72	71	132	68	201	37	29	1
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	1	106	171	46	40	14	38	33	93	20	23	1
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	82	4,327	7,757	2,450	1,807	782	1,887	1,143	3,509	661	668	12
I00-I09,I11, I13,I20-I51	DISEASES OF THE HEART	57	3,317	5,544	1,788	1,296	575	1,282	819	2,492	485	486	12
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	-	11	28	8	8	4	14	8	16	3	8	-
I11,I13	HYPERTENSIVE HEART	3	295	250	241	64	59	91	96	154	32	17	-
I20-I25	ISCHEMIC HEART	43	2,546	4,289	1,274	998	385	898	561	1,833	294	355	6
I26-I51	OTHER HEART DISEASE	11	465	977	265	226	127	279	154	489	156	106	6
I10,I12	HYPERTENSION	2	105	231	43	39	25	51	23	97	21	17	-
I60-I69	CEREBROVASCULAR DISEASES	16	731	1,616	534	409	148	449	246	728	123	130	-
I70	ATHEROSCLEROSIS	3	59	113	21	14	8	21	8	69	10	16	-
I71	AORTIC ANEURYSM	1	55	113	36	19	13	47	25	65	12	13	-
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	3	60	140	28	30	13	37	22	58	10	6	-
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	25	1,213	2,240	628	476	205	540	311	861	178	224	3
J10-J18	INFLUENZA AND PNEUMONIA	7	322	701	285	116	33	187	102	307	45	57	1
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	10	765	1,194	280	288	116	248	140	404	99	133	1
J43	EMPHYSEMA	3	78	146	40	33	13	38	24	35	13	19	-
J45-J46	ASTHMA	-	27	44	18	10	1	14	3	15	5	4	-
J40-J42,J44,J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	7	660	1,004	222	245	102	196	113	354	81	110	1
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	4	30	150	6	32	32	42	32	69	10	16	-
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	4	96	195	57	40	24	63	37	81	24	18	1
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	15	435	727	255	161	79	172	119	340	69	82	-
K25-K28	PEPTIC ULCER	-	36	72	17	7	6	16	9	16	4	8	-
K40-K46	HERNIA	-	5	18	4	6	1	5	3	3	-	4	-
K70,K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	9	181	281	94	69	21	61	46	153	27	21	-
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	-	14	22	10	6	2	6	3	11	3	1	-
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	6	199	334	130	73	49	84	58	157	35	48	-
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	5	69	129	44	25	8	35	17	43	10	11	-
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	3	252	308	119	84	30	91	44	156	32	34	1
N00-N39	DISEASES OF THE URINARY SYSTEM	3	248	291	116	84	28	87	43	151	31	32	1
N00-N07,N17-N19 N25-N27	NEPHRITIS	3	128	157	47	56	8	22	27	66	19	15	-
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	-	120	134	69	28	20	65	16	85	12	17	1
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	-	4	17	3	-	2	4	1	5	1	2	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	4	5	-	3	-	-	-	1	1	-	-

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2000 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SAN BENITO	SAN BER-NARDINO	SAN DIEGO	SAN FRAN-CISCO	SAN JOAQUIN	SAN LUIS OBISPO	SAN MATEO	SANTA BARBARA	SANTA CLARA	SANTA CRUZ	SHASTA	SIERRA
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	113	116	17	30	6	16	9	61	3	1	-
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	3	84	118	15	29	9	30	16	50	9	8	-
R00-R99	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	2	49	116	35	22	8	14	6	39	15	10	2
R95	SUDDEN INFANT DEATH SYNDROME	-	18	17	7	8	1	4	-	8	1	3	-
REMAINDER OF R00-R99	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	2	31	99	28	14	7	10	6	31	14	7	2
H00-H93,L00-L98	ALL OTHER DISEASES	-	12	26	10	3	5	10	4	14	2	5	-
V01-X59,Y85-Y86	ACCIDENTS	18	461	717	281	215	85	133	123	324	68	94	6
SEE FOOTNOTE*	MOTOR VEHICLE ACCIDENTS	10	279	295	53	102	33	36	46	139	33	37	1
W00-W19	FALLS	2	57	107	54	19	8	23	24	61	6	11	2
W65-W74	DROWNINGS AND SUBMERSIONS	-	17	30	4	14	1	8	4	19	4	7	1
X40-X49	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	-	35	176	111	38	27	37	18	52	6	22	1
REMAINDER OF V01-X59, Y85-Y86	OTHER ACCIDENTS	6	73	109	59	42	16	29	31	53	19	17	1
X60-X84,Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	6	157	314	106	55	40	51	45	120	30	40	1
X72-X74	BY DISCHARGE OF FIREARMS	5	86	140	17	29	20	24	19	43	13	27	1
REMAINDER OF X60-X84,Y87.0	OTHER INTENTIONAL SELF-HARM	1	71	174	89	26	20	27	26	77	17	13	-
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	5	131	99	65	52	4	20	12	36	13	5	-
X93-X95	BY DISCHARGE OF FIREARMS	3	91	61	33	32	2	10	5	16	8	3	-
REMAINDER OF X85-Y09,Y87.1	OTHER ASSAULT	2	40	38	32	20	2	10	7	20	5	2	-
Y10-Y34,Y87.2, Y89.9	EVENT OF INDETERMINENT INTENT	-	20	19	9	6	1	5	-	5	-	1	-
Y35,Y89.0	LEGAL INTERVENTION	-	3	13	-	-	-	-	-	3	-	-	-
Y36,Y89.1	OPERATIONS OF WAR	-	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84,Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	7	12	7	1	2	5	5	7	4	1	-

* 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 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNE	VENTURA	YOLO	YUBA
A00-Y89	TOTAL, ALL CAUSES	517	2,493	3,872	3,577	676	633	142	2,698	598	4,729	1,183	498
A00-B99	CERTAIN INFECTIOUS AND PARASITIC DISEASES	7	54	65	51	12	13	1	64	13	79	17	6
A00-A09	INTESTINAL INFECTIOUS DISEASES	1	5	2	2	1	-	-	-	1	3	-	-
A16-A19	TUBERCULOSIS	-	2	1	1	-	1	-	1	-	-	1	-
A40-A41	SEPTICEMIA	3	11	18	8	1	3	1	30	4	27	5	-
B15-B19	VIRAL HEPATITIS	-	10	11	13	4	5	-	13	3	18	3	3
B20-B24	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	-	15	17	13	1	-	-	4	1	15	2	3
B35-B49	MYCOSES	1	-	-	2	-	-	-	2	-	-	1	-
REMAINDER OF A00-B99	OTHER INFECTIOUS AND PARASITIC DISEASES	2	11	16	12	5	4	-	14	4	16	5	-
C00-C97	MALIGNANT NEOPLASMS	132	645	960	733	148	155	26	515	171	1,103	272	118
C00-C14	OF LIP, ORAL CAVITY AND PHARYNX	3	7	21	16	5	-	2	4	4	15	9	3
C15-C26	OF DIGESTIVE ORGANS	24	151	221	156	40	38	3	115	35	262	62	19
C15	OF ESOPHAGUS	6	18	18	14	2	3	-	10	2	26	4	1
C16	OF STOMACH	1	19	19	19	4	4	-	14	4	23	5	1
C18	OF COLON	7	48	70	51	14	13	1	35	13	95	18	7
C22	OF LIVER AND INTRAHEPATIC BILE DUCTS	4	13	32	14	6	3	-	17	4	25	7	1
C25	OF PANCREAS	4	35	52	37	12	7	-	21	10	63	20	8
C17,C19-C21, C23-C24,C26	OF OTHER DIGESTIVE ORGANS	2	18	30	21	2	6	2	18	2	30	8	1
C30-C39	OF RESPIRATORY AND INTRATHORACIC ORGANS	40	198	238	213	46	63	13	153	51	304	85	43
C32	OF LARYNX	-	7	3	6	-	2	-	3	-	12	1	2
C33-C34	OF TRACHEA, BRONCHUS AND LUNG	40	191	234	204	46	60	12	149	50	291	82	40
C30-C31,C35-C39	OF OTHER RESPIRATORY AND INTRATHORACIC ORGANS	-	-	1	3	-	1	1	1	1	1	2	1
C43	MALIGNANT MELANOMA OF SKIN	-	9	15	8	2	2	-	10	2	23	3	3
C45-C49	OF MESOTHELIAL AND SOFT TISSUE	4	7	16	12	1	-	-	3	1	18	4	2
C50	OF BREAST	6	49	93	50	12	8	2	30	10	93	19	7
C51-C58	OF FEMALE GENITAL ORGANS	8	28	50	38	5	9	-	33	7	62	12	4
C53	OF CERVIX UTERI	1	4	5	6	1	-	-	8	-	5	3	-
C54-C55	OF CORPUS UTERI AND UTERUS, PART UNSPECIFIED	1	7	12	8	2	1	-	4	3	13	2	-
C56	OF OVARY	6	15	29	21	2	7	-	20	3	40	6	4
C51-C52,C57-C58	OF OTHER FEMALE GENITAL ORGANS	-	2	4	3	-	1	-	1	1	4	1	-
C60-C63	OF MALE GENITAL ORGANS	10	42	66	44	9	9	-	23	17	53	14	6
C61	OF PROSTATE	10	40	65	41	9	9	-	22	17	53	14	6
C60,C62-C63	OF OTHER MALE GENITAL ORGANS	-	2	1	3	-	-	-	1	-	-	-	-
C64-C68	OF URINARY TRACT	6	20	44	33	3	6	1	23	4	39	14	3
C64-C65	OF KIDNEY AND RENAL PELVIS	2	6	13	19	3	4	1	8	1	16	7	2
C67	OF BLADDER	4	14	30	13	-	2	-	15	3	22	6	1
C66,C68	OF OTHER URINARY TRACT	-	-	1	1	-	-	-	-	-	1	1	-
C71	OF BRAIN	2	15	22	24	2	2	1	11	7	24	3	1
C81-C96	OF LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	9	64	97	78	14	9	2	63	16	114	29	17
C81	HODGKIN'S DISEASE	-	3	4	5	1	-	-	2	1	5	1	-
C82-C85	NON-HODGKIN'S LYMPHOMA	4	27	39	37	1	3	-	28	7	45	14	6
C88,C90	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	2	13	17	15	4	4	1	11	4	18	6	2
C91-C95	LEUKEMIA	3	21	37	21	8	2	1	22	4	45	8	9
C96	OTHER LYMPHOID, HEMATOPOIETIC AND RELATED TISSUE	-	-	-	-	-	-	-	-	-	1	-	-
REMAINDER OF C00-C97	OTHER MALIGNANT NEOPLASMS	20	55	77	61	9	9	2	47	17	96	18	10
D00-D48	IN SITU NEOPLASMS, BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOR	5	13	21	15	3	1	-	23	3	26	6	1
D50-D89	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM	1	7	12	10	1	2	1	11	1	10	1	3
D50-D64	ANEMIAS	1	2	3	5	-	1	-	7	-	3	-	2

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNE	VENTURA	YOLO	YUBA
D80-D89	CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS	-	4	3	3	-	-	-	1	-	2	-	-
D65-D76	OTHER BLOOD AND IMMUNE DISORDERS	-	1	6	2	1	1	1	3	1	5	1	1
E00-E88	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	17	85	116	129	22	26	4	132	10	191	39	22
E10-E14	DIABETES MELLITUS	13	68	83	103	15	18	3	100	6	140	31	17
E00-E07,E15-E88	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	4	17	33	26	7	8	1	32	4	51	8	5
F01-F99	MENTAL AND BEHAVIORAL DISORDERS	10	22	52	47	5	10	2	31	15	112	24	11
F01,F03	ORGANIC DEMENTIA	6	12	43	35	3	8	2	27	13	85	17	9
F02,F04-F99	OTHER MENTAL AND BEHAVIORAL DISORDERS	4	10	9	12	2	2	-	4	2	27	7	2
G00-G98	DISEASES OF THE NERVOUS SYSTEM	20	122	181	120	15	24	5	55	17	177	57	8
G20-G21	PARKINSON'S DISEASE	-	15	32	18	2	5	-	14	4	28	14	3
G30	ALZHEIMER'S DISEASE	13	75	110	69	6	5	1	19	7	95	35	1
REMAINDER OF G00-G98	OTHER DISEASES OF THE NERVOUS SYSTEM	7	32	39	33	7	14	4	22	6	54	8	4
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	185	943	1,454	1,508	275	229	42	1,081	218	1,836	418	197
I00-I09,I11, I13,I20-I51	DISEASES OF THE HEART	138	650	983	1,167	203	166	27	816	166	1,294	289	146
I00-I09	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	2	5	3	6	-	-	-	1	1	19	3	-
I11,I13	HYPERTENSIVE HEART	1	42	86	77	13	2	-	49	9	46	15	7
I20-I25	ISCHEMIC HEART	89	476	678	882	157	125	19	556	117	989	213	106
I26-I51	OTHER HEART DISEASE	46	127	216	202	33	39	8	210	39	240	58	33
I10,I12	HYPERTENSION	5	33	33	31	7	5	1	33	3	52	9	7
I60-I69	CEREBROVASCULAR DISEASES	32	209	351	262	42	50	13	210	35	400	78	36
I70	ATHEROSCLEROSIS	2	13	35	13	14	4	1	13	2	34	23	1
I71	AORTIC ANEURYSM	5	20	27	19	6	2	-	3	9	29	5	6
REMAINDER OF I00-I99	OTHER DISEASES OF THE CIRCULATORY SYSTEM	3	18	25	16	3	2	-	6	3	27	14	1
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	61	249	414	371	80	78	26	283	56	482	160	61
J10-J18	INFLUENZA AND PNEUMONIA	12	77	128	124	26	12	5	98	14	138	58	13
J40-J47	CHRONIC LOWER RESPIRATORY DISEASES	39	142	223	197	44	51	17	148	32	269	82	37
J43	EMPHYSEMA	4	21	47	30	6	4	2	20	6	37	14	8
J45-J46	ASTHMA	-	4	9	7	3	2	-	4	-	12	2	-
J40-J42,J44,J47	OTHER CHRONIC LOWER RESPIRATORY DISEASES	35	117	167	160	35	45	15	124	26	220	66	29
J69	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	2	6	23	19	7	7	1	11	2	32	8	4
REMAINDER OF J00-J98	OTHER DISEASES OF THE RESPIRATORY SYSTEM	8	24	40	31	3	8	3	26	8	43	12	7
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	20	104	163	142	34	30	6	127	28	200	55	21
K25-K28	PEPTIC ULCER	1	5	14	10	5	1	1	2	1	11	5	2
K40-K46	HERNIA	-	1	2	5	-	2	-	-	-	5	-	1
K70,K73-K74	CHRONIC LIVER DISEASE AND CIRRHOSIS	6	47	58	67	10	12	1	56	10	82	22	9
K80-K82	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	1	8	9	4	1	3	-	2	1	8	-	1
REMAINDER OF K00-K92	OTHER DISEASES OF THE DIGESTIVE SYSTEM	12	43	80	56	18	12	4	67	16	94	28	8
M00-M99	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	1	14	23	18	4	5	-	16	2	33	9	2
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	13	38	55	53	16	9	2	65	12	86	27	5
N00-N39	DISEASES OF THE URINARY SYSTEM	13	35	52	49	16	9	2	62	12	85	25	5
N00-N07,N17-N19 N25-N27	NEPHRITIS	10	17	23	12	5	7	2	42	7	58	9	2
REMAINDER OF N00-N39	OTHER DISEASES OF THE URINARY SYSTEM	3	18	29	37	11	2	-	20	5	27	16	3
REMAINDER OF N00-N98	OTHER DISEASES OF THE GENITOURINARY SYSTEM	-	3	3	4	-	-	-	3	-	1	2	-
O00-O99	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-	2	-	1	-	-	-	-	-	-	-	-

TABLE 5-21. DEATHS FROM SELECTED CAUSES, CALIFORNIA COUNTIES, 2001 (By Place of Residence) – Cont.

TENTH REVISION ICD NUMBER	CAUSE OF DEATH	SIS-KIYOU	SOLANO	SONOMA	STANI-SLAUS	SUTTER	TEHAMA	TRINITY	TULARE	TUO-LUMNE	VENTURA	YOLO	YUBA
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-	13	9	30	1	3	1	26	1	33	5	2
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	3	13	17	25	1	2	1	17	2	38	11	2
R00-R99	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	3	14	127	13	9	5	5	21	4	12	9	4
R95	SUDDEN INFANT DEATH SYNDROME	1	5	1	2	-	-	1	9	-	3	-	-
REMAINDER OF R00-R99	OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	2	9	126	11	9	5	4	12	4	9	9	4
H00-H93,L00-L98	ALL OTHER DISEASES	1	4	9	6	2	1	-	4	1	5	2	-
V01-X59,Y85-Y86	ACCIDENTS	30	83	132	220	32	24	9	163	32	189	48	25
SEE FOOTNOTE*	MOTOR VEHICLE ACCIDENTS	8	30	44	93	16	9	5	90	11	80	16	11
W00-W19	FALLS	4	10	18	22	3	3	1	7	-	30	13	2
W65-W74	DROWNINGS AND SUBMERSIONS	1	2	6	8	5	1	-	7	-	4	4	-
X40-X49	POISONING AND EXPOSURE TO NOXIOUS SUBSTANCES	4	23	44	63	4	3	1	26	12	45	8	3
REMAINDER OF V01-X59, Y85-Y86	OTHER ACCIDENTS	13	18	20	34	4	8	2	33	9	30	7	9
X60-X84,Y87.0	INTENTIONAL SELF-HARM (SUICIDE)	6	40	41	45	11	12	8	23	10	77	16	7
X72-X74	BY DISCHARGE OF FIREARMS	2	25	23	19	10	9	6	15	6	39	10	2
REMAINDER OF X60-X84,Y87.0	OTHER INTENTIONAL SELF-HARM	4	15	18	26	1	3	2	8	4	38	6	5
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	1	17	11	33	5	3	1	26	-	27	5	2
X93-X95	BY DISCHARGE OF FIREARMS	-	9	4	18	5	1	-	15	-	19	3	1
REMAINDER OF X85-Y09,Y87.1	OTHER ASSAULT	1	8	7	15	-	2	1	11	-	8	2	1
Y10-Y34,Y87.2, Y89.9	EVENT OF INDETERMINENT INTENT	1	5	4	5	-	-	1	4	-	2	2	-
Y35,Y89.0	LEGAL INTERVENTION	-	2	1	-	-	-	-	-	-	7	-	-
Y36,Y89.1	OPERATIONS OF WAR	-	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84,Y88	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	-	4	5	2	-	1	1	3	2	4	-	1

NOTE: RATES ARE PER 100,000 TOTAL POPULATION UNLESS OTHERWISE SPECIFIED.

A 035 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 2001 WERE ESTIMATED TO BE 17,694,411 AND 17,538,924 RESPECTIVELY.
C PER 10,000 LIVE BIRTHS (2001 LIVE BIRTHS-527,371).
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, 2001 POPULATION PROJECTIONS, DECEMBER 1998.
STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES, DEATH RECORDS.

NOTES

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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 10 days after the solemnization (Family Code Sections 423 and 506). 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. A few birthing hospitals utilize alternative electronic systems, but the data are imported into AVSS from these systems.

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 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 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.

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. Some certificates of live birth, death, and fetal death that occurred out of California to California residents, or which occurred in California to out-of-state residents were reallocated to the state of residence. This was made possible by a cooperative program among the states to exchange copies of certificates for nonresident events. Since vital event information was not received from all states, out-of-state occurrences are incomplete to a small but unknown extent.

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.

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[1] U.S. Department of Commerce, Bureau of the Census, **Test of Birth Registration Completeness, 1964-1968**, PHC (E) – 2, 1973.

Death registration is considered to be almost 100 percent complete because a death certificate must be filed before a burial/disposition 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. Some deaths that occurred outside of California to California residents are not included.

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.

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. Occasionally counties on the California border may experience large numbers of out-of-state events, which may affect their statistics. 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 resulted 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. The preparation of birth cohort files also includes resolution of registration anomalies, for example where an infant death was registered but no birth certificate was filed. This results in counts and rates that differ slightly from those based on the standard birth and death data files.

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 and utilize the race/ethnicity of mother. Utilization of the Birth Cohort File is primarily

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[2] Norris, Frank D. and Paul W. Shipley, "*A Closer Look at Race Differentials in California's Infant Mortality, 1965-67*", **Health Services and Mental Health Administration Health Reports**, Vol. 86, No. 9: 810-814, September 1971.

[3] Frost, F. and Shy, K.K.: "Racial Differences Between Linked Birth and Death Records in Washington State", American Journal of Public Health, Vol. 70, No. 9: 974-976, September 1980.

limited by the delay required to link birth and death records and to follow back to hospitals and local registration districts regarding questionable linkages. For this reason, the 2000 birth cohort file was used.

The 1998 Birth Cohort File was not prepared, resulting in a gap in trend lines in certain tables utilizing these files. Tables in Chapter 4 (Infant Mortality) are based either on the Birth Cohort File or on the Death Statistical Master File. The source of the data is noted on each table.

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 1-14 presented in this report is derived from abridged life tables for males and females for selected years. Detailed California abridged life table reports for 2001 and earlier years are available from this office or on our website (www.dhs.ca.gov/hisp/chs/OHIR/Publication/publicationindex.htm).

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 processing of the birth, death and fetal death statistical files. Duplicate records are eliminated. Additionally, vital statistics files are reviewed for systematic changes in the proportion of responses in all key data fields.

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.

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[4] Oreglia, Anthony, "*Methodology for Constructing Abridged Life Tables for California for 1977*", Data Matters, 81-01021, Department of Health Services, January 1981.

[5] Chiang, Chin Long, Life Table and Mortality Analysis, World Health Organization, 1978.

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 occurs depends on both of these population 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; 1998 population estimates released in May 2000; and Intercensal Estimates of the Population of California for the State and Counties released in January 2002. Note that "estimates" supercede "projections" as more current data becomes available. See notes on each table for exact source of population data used in that table.

Since 2000 census-based California population figures adjusted for the census undercount were not available at press time,[6] 2000 population projections based on the 1990 census were utilized wherever possible in this report. Other rates have been omitted from this report. Of particular difficulty was obtaining race-specific population data in the same race/ethnic categories as are used in 2001 vital statistics data in this report. See the section on Race/Ethnicity.

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 five or fewer events in the numerator and/or a denominator under 1,000, have been omitted from the

[6] Governor's Budget Summary 2002-03, Demographic Outlook: http://www.dof.ca.gov/HTML/Budgt01-02/Demography-T.htm.

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.[7] 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:
>
> $$N - 2\sqrt{N} \quad and \quad N + 2\sqrt{N}$$
>
> 2. The 'true' rate lies between
>
> $$R - 2\frac{R}{\sqrt{N}} \quad and \quad R + 2\frac{R}{\sqrt{N}}$$
>
> "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:
>
> $$2\sqrt{\frac{R^2}{N} + \frac{S^2}{M}}$$

[7] National Office of Vital Statistics: "*Standard Error of the Age-Adjusted Death Rate*" by C.L. Chiang, Vital Statistics – Special Reports, Vol. 47, No. 9, Public Health Service, Washington, DC, August 1961.

"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."[8]

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 population[9]. Age-adjusted rates in this report are not comparable with rates adjusted to the 1940 U.S. standard million population.

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.

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.

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.

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[8] National Center for Health Statistics: Vital Statistics of the United States, 1978, Vol. 1, DHHS Pub. No. (PHS) 82-1100, Public Health Services, Washington, DC, 1982.

[9] Anderson et al. Age standardization of Death Rates: Implementation of the Year 2000 Standard. http://www.cdc.gov/nchs/data/nvsr/nvsr47/nvs47_03.pdf.

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 ideally obtained from birth and death certificate informants.) Twenty race/ethnicity categories are specified, with opportunities for other or more specific write-in entries. 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. Birth tabulations by race/ethnicity and race are by race/ethnicity or race of mother.

Beginning on January 1, 2000, parents and informants were permitted to select up to three races for birth and death certificates, respectively. The worksheet (Figure 8-I) was modified to include this instruction. Also in 2000, the U.S. decennial census permitted respondents to mark "one or more races" for each household member. These changes were in compliance with the Office of Management and Budget revised race/ethnicity guidelines[10] and were intended to provide numerator (vital statistics) and denominator (population) data in the same categories of race/ethnicity. In addition to permitting selection of multiple races, revised standards provided for expanded minimum reporting categories and some changes in terminology. Additional, more current implementation guidelines are also available.[11]

Although the new multiple race guidelines permit vital statistics and other important data systems to more accurately collect and tabulate the race(s) with which people identify themselves, several difficulties have occurred as a result of this change.

Break in Trends

Race/ethnicity tabulations that include one or more "multiple race" categories are not compatible with or easily comparable to data in the old, single race format. "Two or more races" as presented in this report is a race/ethnicity category that is comprised of all subjects who reported any two or three races and who, therefore, are no longer categorized in single race categories as in prior years. This produces a break in the trend for all the race categories in which these multiple race respondents were formerly classified. This break in the trend is more substantial for smaller race/ethnic groups.

It is theoretically possible to statistically remove the effects of this change in data collection methodology by using bridging techniques. The goal of bridging is to correctly (statistically speaking) assign all persons who reported multiple races to appropriate single race categories. The effects of various bridging techniques on California birth outcome data have been studied, and the findings include the conclusion that large race/ethnic groups are not significantly affected by the selection of specific bridging techniques, but smaller groups (such as American Indians) are more substantially affected. For the purposes of this report, we have chosen not to attempt any bridging of race/ethnicity. Trends by race/ethnicity are broken, and therefore all race-specific trend tables have been removed.

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[10] Office of Management and Budget. "Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity" http://www.whitehouse.gov/omb/fedreg/ombdir15.html

[11] OMB. "Provisional Guidance on the Implementation of the 1997 Standards for Federal Data on Race and Ethnicity" http://www.whitehouse.gov/omb/inforeg/statpolicy.html - dr.

Underreporting of Multiple Races

There is some indication that underreporting is occurring of multiple race identification of parents on birth certificates and, to an even greater extent, of decedents on death certificates. Collection of racial self-identification is, of course, impossible with regard to decedents, and race data in general can be problematic to collect for death certificates. Racial self-identification of parents may be modified by birth data collection methodologies of birthing hospitals. Hopefully, as knowledge of the ability to report multiple races on vital certificates becomes more widespread, completeness of these data will improve.

Census Data

Since census data for California, adjusted for the census undercount, was not available in time to prepare this report, this report does not present race-specific rates for the State as a whole or for counties. In order for rates to be valid, the numerators and denominators of the rates must be defined in the same way. Vital statistics data and adjusted Census 2000 data should eventually be available in the same race/ethnicity categories. Meanwhile, preparation of race-specific rates was not undertaken for this report.

Heterogeneity of Race/Ethnicity Categories

Although collection of multiple races more adequately honors the true diversity of the California population, presentation of data in the "Two or more races" category is problematic. Since it includes all respondents who reported any two races, it is a very heterogeneous category of limited use for public health purposes. Some recent work examines the substantial differences in birth outcomes among mothers of various two-race categories.[12] Other race categories are also heterogeneous; for example, U.S. vs. foreign-born residents of the same race may experience very different patterns of birth outcomes or mortality. For many purposes, more detailed analysis of health outcomes by specific multiple race combinations, by Asian sub-groups, by Hispanic places of origin, by place of birth, and by other factors would be of great interest and utility.

Tabulation Categories of Race and Race/Ethnicity in this Report

Most tables in this report which present tabulations by "race/ethnicity" utilize seven mutually exclusive race/ethnicity and Hispanic origin categories. These categories comply with the OMB minimum categories. These are: Hispanic; and the following non-Hispanic groups: Two or More Races, American Indian (includes Alaskan Native), Asian, Black, Pacific Islander (includes Hawaiian), White/Other, and Unknown. In some tables, Pacific Islander and/or American Indian may be included in the Total Race category, but not reported separately, due to the small numbers of events. Similarly, "Unknown" may be combined with "White/Other" if it is not presented separately. Refer to each table's footnotes for clarification.

In order to develop these mutually exclusive race/ethnicity categories, all persons of Hispanic origin are assigned to the "Hispanic" category. Persons of any race or races may be included in this category. Persons who are not of Hispanic origin, or for whom Hispanic origin is unknown, are assigned to one of the other (non-Hispanic) 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.

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[12] Heck KE, Parker JD, McKendry CJ, Schoendorf KC. Multiple-race mothers on the California birth certificate, 2000. *Ethnicity and Disease* 2001; 11(3): 626-632.

Tables identified by "race" rather than "race/ethnicity" in the title present births and deaths distributed in the following 21 categories: Two or More Race Groups, American Indian, Black, Cambodian, Chinese, Eskimo/Aleut, Filipino, Guamanian, Hawaiian, Hmong, Indian (India), Japanese, Korean, Laotian, Samoan, Thai, Vietnamese, White/Other, Other Asian, Other Pacific Islander, and Not Stated. These categories do not take into account Hispanic origin. Population-based rates have historically not been provided for these categories because population data have not been available.

The category "Two or More Races," whether it is in a table by "race/ethnicity" or by "race," is comprised of records for which two of the OMB minimum categories of race were reported: Asian, American Indian or Alaska Native, Black or African American, Pacific Islander, or White/Other. Persons who, for example, reported two Asian sub-groups such as "Filipino" and "Chinese" would still be reported as "Asian" in the tables by "race/ethnicity." In the detailed tables by "race" this hypothetical person would be reported in the Asian race category that was listed first on the birth or death certificate.

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 or 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 for the last three years (1999 and 2001) 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.*[13] 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 approximately 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 when attempting analysis of trends for 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 were provided in tables in Chapter 7 of Vital Statistics of California, 1999. This report is available on the

[13] See http://www.cdc.gov/nchs/about/major/dvs/im.htm for the most recent revision of the Instruction Manual, Part 9.

Internet (www.dhs.ca.gov/hisp/chs/OHIR/Publication/publicationindex.htm) or from the address on the order form at the back of this report.

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. Comparability ratios for the transition from ICD-Rev.9 to ICD-Rev.10 are available on the NCHS web page: www.cdc.gov/nchs/datawh/nchsdefs/comparability%20ratio.htm . These ratios are based on 1996 death data that was double-coded under ICD -Rev. 9 and ICD-Rev.10. Comparability ratios should be used with caution, especially at state and smaller geographic levels.

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.

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 to the child's father 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 153 in 2001. For purposes of this report, births with unknown marital status were excluded in the denominator when marital and nonmarital births as a percent of all births were calculated.

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 California Department of Health Services, Center for Health Statistics.

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.

Confidentiality

The California vital statistics data are available to the public through an extensive set of public use CD-ROM and mainframe data files. These data are released in a manner that does not compromise the confidentiality guaranteed to the respondents who supplied the original data. A list of electronic data files available for purchase and documentation for these files is available on the Center for Health Statistics website at:

www.dhs.ca.gov/hisp/chs/OHIR/Publication/publicationindex.htm

or at the address on the Publications Order Form at the back of this report.

7. STATISTICAL APPENDIX

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DEFINITIONS 204

RATES AND RATIOS 205

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 4, Section 915.

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 4, Section 916. If the fetus is of 20 weeks or more gestational age, the death must be registered with the local registrar. Only fetal deaths of 20 weeks or more gestation are included in this report.

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

$$\text{Age-Specific Birth Rate} = \frac{\text{number of live births to women in specific age group}}{\text{estimated female population in that age group}} \times 1{,}000$$

$$\text{General Fertility Rate} = \frac{\text{number of live births}}{\text{estimated female population 15-44 years old}} \times 1{,}000$$

$$\text{Live Birth Rate (Crude Birth Rate)} = \frac{\text{number of live births}}{\text{estimated total population}} \times 1{,}000$$

Total Fertility Rate = 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

$$\text{Age-Adjusted Death Rate (Direct Method)} = \frac{\text{Total number of expected deaths in a standard population if the people in this population had experienced the same age-specific death rates as the population being adjusted.*}}{\text{total standard population}} \times 100{,}000$$

$$\text{Age-Specific Death Rate} = \frac{\text{number of deaths in specific age group}}{\text{estimated population in that age group}} \times 100{,}000$$

$$\text{Death Rate (Crude Death Rate)} = \frac{\text{number of deaths}}{\text{estimated total population}} \times 1{,}000^{\dagger}$$

$$\text{Death Rate from a Specific Cause by Sex or Race/Ethnic Group} = \frac{\text{number of deaths from a specific cause}}{\text{estimated population in the group of concern}} \times 100{,}000$$

$$\text{Fetal Death Ratio} = \frac{\text{number of reportable fetal deaths}}{\text{total number of live births}} \times 1{,}000$$

$$\text{Fetal Death Rate} = \frac{\text{number of reportable fetal deaths}}{\text{total number of births (live births plus fetal deaths)}} \times 1{,}000$$

$$\text{Infant Mortality Rate} = \frac{\text{number of deaths under 1 year of age}}{\text{total number of live births}} \times 1{,}000^{\dagger}$$

$$\text{Maternal death rate} = \frac{\text{number of deaths due to complications of pregnancy and childbirth}}{\text{total number of live births}} \times 10{,}000$$

$$\text{Neonatal death rate} = \frac{\text{number of deaths under 28 days of age}}{\text{total number of live births}} \times 1{,}000^{\dagger}$$

$$\text{Postneonatal death rate} = \frac{\text{number of deaths 28 days of age to less than 1 year of age}}{\text{total number of live births}} \times 1{,}000^{\dagger}$$

$$\text{Perinatal death rate} = \frac{\text{number of fetal deaths of 20 or more weeks gestation, plus neonatal deaths}}{\text{total number of births (live births plus fetal deaths)}} \times 1{,}000$$

* See Reference 9 in Chapter 6 for methodology of calculating age-adjusted rates.

† or 100,000, as specified.

8. APPENDIX OF SOURCES

CERTIFICATES, WORK SHEETS, AND LISTS OF VARIABLES

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VITAL STATISTICS REGISTRATION IN CALIFORNIA ..... Inside Back Cover

FIGURE 8-A
CERTIFICATE OF LIVE BIRTH
2001

CERTIFICATE OF LIVE BIRTH
STATE OF CALIFORNIA

STATE FILE NUMBER

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

FATHER OF CHILD

6A. NAME OF FATHER — FIRST (GIVEN) | 6B. MIDDLE | 6C. LAST (FAMILY) | 7. STATE OF BIRTH | 8. DATE OF BIRTH

MOTHER OF CHILD

9A. NAME OF MOTHER — FIRST (GIVEN) | 9B. MIDDLE | 9C. LAST (MAIDEN) | 10. STATE OF BIRTH | 11. DATE OF BIRTH

INFORMANT CERTIFICATION

I CERTIFY THAT I HAVE REVIEWED THE STATED INFORMATION AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. | 12A. PARENT OR OTHER INFORMANT — SIGNATURE | 12B. RELATIONSHIP TO CHILD | 12C. DATE SIGNED

CERTIFICATION OF BIRTH

I CERTIFY THAT THE CHILD WAS BORN ALIVE AT THE DATE, HOUR AND PLACE STATED. | 13A. ATTENDANT OR CERTIFIER — SIGNATURE — DEGREE OR TITLE | 13B. LICE | 13C. DATE SIGNED

13D. TYPED NAME, TITLE AND MAILING ADDRESS OF ATTENDANT | . TYPED NAME | RTIFIER IF OTHER THAN ATTENDANT

LOCAL REGISTRAR

15A. DATE OF DEATH | 15B. STATE FILE NO. (STATE USE ONLY) | 16. LOCAL REGISTR | GNAT | 17. DATE ACCEPTED FOR REGISTRATION

CONFIDENTIA FOR D R BLIC H USE ONLY

FATHER

18. RACE | 19. H C | USUAL OCCUPAT | 20B. USUAL BUSINESS OR INDUSTRY | 20C. EDUCATION

MOTHER

21. RACE | 22. H C | 23A. USUAL OCCUPATION | 23B. USUAL BUSINESS OR INDUSTRY | 23C. EDUCATION

24A. RESIDENCE — STREET, N OF TION | 24B. COUNTY

24C. CITY | 24D. STATE | 24E. ZIP CODE

MEDICAL DATA

ENTER THE APPROPRIATE CODE(S) FOR ITEMS 25D AND 28A THRU 31 FROM THE VS10A SUPPLEMENTAL WORKSHEET.

25A. DATE LAST NORMAL MENSES BEGAN | 25B. MONTH PRENATAL CARE BEGAN | 25C. NUMBER OF PRENATAL VISITS

27. PREGNANCY HISTORY (COMPLETE EACH SECTION)

LIVE BIRTHS (DO NOT COUNT THIS CHILD)		OTHER TERMINATIONS (EXCLUDE INDUCED ABORTIONS)	
NOW LIVING	NOW DEAD	BEFORE 20 WEEKS	AFTER 20 WEEKS
A	B	D	E

25D. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE | 26. BIRTHWEIGHT | 28A. METHOD OF DELIVERY

28B. EXPECTED PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY | 29. COMPLICATIONS AND PROCEDURES OF PREGNANCY AND CONCURRENT ILLNESSES | DATE OF LAST LIVE BIRTH (C) | DATE OF LAST OTHER TERMINATION (F)

30. COMPLICATIONS AND PROCEDURES OF LABOR AND DELIVERY | 31. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATED TO THE NEWBORN

A.	B.	C.	D.	E.	F.	CENSUS TRACT	32. FATHER'S SOCIAL SECURITY NO.	33. MOTHER'S SOCIAL SECURITY NO.

VS 10D (REV. 1/00)

SAMPLE

PRIVACY NOTIFICATION

This information is collected by the State of California, Department of Health Services, Office of Vital Records, 304 S Street, Sacramento, CA 95814. The information is required by Division 102 of the Health and Safety Code. This record is open to public access except where prohibited by statute. Every element on this form, except items 18 through 23C, 32, and 33, is mandatory. Failure to comply is a misdemeanor. The principal purposes of this record are to: 1) Establish a legal record of each vital event; 2) Provide certified copies for personal use; 3) Furnish information for demographic and epidemiological studies; and 4) Supply data to the National Center for Health Statistics for federal reports. Items 32 and 33 are included pursuant to Section 102425(b)(14) of the Health and Safety Code, and may be used for child support enforcement purposes.

Definition of Live Birth

"Live Birth" means the complete expulsion or extraction from its mother of a product of conception (irrespective of 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.

OSP 99 26681

FIGURE 8-B
CERTIFICATE OF LIVE BIRTH – MEDICAL DATA SUPPLEMENTAL WORK SHEET
2001

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	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 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)

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

VS 10A (Rev. 1/90)

FIGURE 8-C
STATISTICAL INFORMATION AVAILABLE
FOR LIVE BIRTHS, 2001

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
2001

CERTIFICATE OF FETAL DEATH

STATE OF CALIFORNIA

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 SIGNED | 12D. LICENSE NUMBER

FUNERAL DIRECTOR AND LOCAL REGISTRAR

13A. DISPOSITION(S) | 13B. PLACE OF DISPOSITION—NAME AND ADDRESS | 13C. DATE MO, DAY, YEAR | 14A. SIGNATU[illegible]R | 14B. LICENSE NUMBER

15A. NAME OF FUNERAL DIRECTOR (OR PERSON ACTING AS SUCH) | 15B. LICENSE NUMBER | [illegible]URE | [illegible]OCAL REGIS[illegible] | [illegible]7. REGISTRATION DATE

CAUSE OF DEATH

18. FETAL DEATH WAS CAUSED BY:

IMMEDIATE CAUSE (A)

DUE TO (B)

DUE TO (C)

[illegible]TH REPORTED TO CORONER? [illegible] REFERRAL NUMBER ☐ YES ☐ NO

20A. WAS AUTOPSY PERFORMED? ☐ YES ☐ NO

20B. WAS IT USED IN DETERMINING CAUSE OF DEATH? ☐ YES ☐ NO

21. OTHER [illegible]ON[illegible]IONS OF FETUS OR MOTHER—CONTRIBUTING TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN 18.

FATHER

22. RACE | 23. HISPANIC SPECIFY ☐ YES ☐ NO | 24A. USUAL OCCUPATION | 24B. USUAL KIND OF BUSINESS OR INDUSTRY | 24C. EDUCATION—YRS. COMPLETED

MOTHER

25. RACE | 26. HISPANIC SPECIFY ☐ YES ☐ NO | 27A. USUAL OCCUPATION | 27B. USUAL KIND OF BUSINESS OR INDUSTRY | 27C. EDUCATION—YRS. COMPLETED

28A. RESIDENCE—STREET, NUMBER, OR LOCATION | 28B. CITY | 28C. STATE | 28D. ZIP | 28E. COUNTY

MEDICAL DATA (ENTER THE APPROPRIATE CODE(S) FOR ITEMS 29D AND 32A–35 FROM THE VS 12A SUPPLEMENTAL WORKSHEET.)

29A. DATE LAST NORMAL MENSES BEGAN MONTH | DAY | YEAR | 29B. MONTH PRENATAL CARE BEGAN (1ST, 2ND, ...8TH, 9TH) | 29C. NUMBER OF PRENATAL VISITS

31. PREGNANCY HISTORY (COMPLETE EACH SECTION)

LIVE BIRTHS		OTHER TERMINATIONS (EXCLUDE INDUCED ABORTIONS)	
NOW LIVING (NUMBER)	NOW DEAD (NUMBER)	BEFORE 20 WKS (NUMBER)	AFTER 20 WKS (NUMBER)
A	B	D	E
DATE OF LAST LIVE BIRTH MONTH / DAY / YEAR		DATE OF LAST OTHER TERM. MONTH / YEAR	
C		F	

29D. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE CODE: | 30. FETAL WEIGHT GRAMS | 32A. METHOD OF DELIVERY CODE(S):

32B. EXPECTED PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY CODE: | 33. COMPLICATIONS AND PROCEDURES OF PREGNANCY AND CONCURRENT ILLNESSES CODE(S):

34. COMPLICATIONS AND PROCEDURES OF LABOR AND DELIVERY CODE(S): | 35. ABNORMAL CONDITIONS AND CLINICAL PROCEDURES RELATING TO THE FETUS CODE(S):

STATE REGISTRAR

A. | B. | C. | D. | E. | F. | CENSUS TRACT

VS 12 (REV 7/91) PENALTY FOR UNAUTHORIZED RELEASE, $500 FINE OR SIX MONTHS IMPRISONMENT. OSP 00 36252

CONFIDENTIAL HEALTH AND MEDICAL INFORMATION

SAMPLE

FIGURE 8-E
CERTIFICATE OF FETAL DEATH – MEDICAL DATA SUPPLEMENTAL WORK SHEET
2001

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		
06	Anemia (hct. < 30 and/or hgb. < 10)	21	≥4000 grams birthweight
07	Cardiac disease	22	< 2500 grams birthweight
08	Lung disease, acute or chronic	23	<37 weeks gestation
09	Diabetes	24	Cervical cerclage
10	Rh sensitization	25	Chorionic villus sampling
11	Hemoglobinopathy	26	Amniocentesis
12	Uterine bleeding before labor	27	Electronic fetal monitoring
13	Polyhydramnios/oligohydramnios	28	Tocolysis
14	Incompetent cervix (with or without cerclage)	29	Ultrasound
15	Premature labor	30	Other
16	Genital herpes	00	None
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)

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)

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.

MUSCULOSKELETAL DEFORMITIES *(Continued)*

51 Chondrodystrophy (756.4).

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 Birth injury, with or without specific site (767.0–767.9).

66 Congenital rubella syndrome (771.0).

67 Other

00 None

VS 12A (Rev. 1/90)

FIGURE 8-F
STATISTICAL INFORMATION AVAILABLE
FOR FETAL DEATHS, 2001

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
2001

CERTIFICATE OF DEATH

STATE OF CALIFORNIA
USE BLACK INK ONLY/NO ERASURES, WHITEOUTS OR ALTERATIONS
VS-11 (REV. 1/00)

STATE FILE NUMBER

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 ☐ YES ☐ NO ☐ UNK
12. MARITAL STATUS
13. EDUCATION—YEARS COMPLETED
14. RACE
15. HISPANIC—SPECIFY ☐ YES_____ ☐ NO
16. USUAL EMPLOYER
17. OCCUPATION
18. KIND OF BUSINESS
19. YEARS IN OCCUPATION

USUAL RESIDENCE

20. RESIDENCE—(STREET AND NUMBER OR LOCATION)
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
34. BIRTH STATE
35. NAME OF MOTHER—FIRST
36. MIDDLE
38. BIRTH STATE

DISPOSITION(S)

39. DATE M M / D D / C C Y Y
40. PLA INAL DIS

FUNERAL DIRECTOR AND LOCAL REGISTRAR

41. TYPE OF DI
43. LICENSE NO.
44. NAME OF CTOR
46. SIGNATURE OF LOCAL REGISTRAR ▶
47. DATE M M / D D / C C Y Y

PLACE OF DEATH

101. PLACE OF DEATH
102. IF HOSPITAL, SPECIFY ONE: ☐ IP ☐ ER/OP ☐ DOA
103. FACILITY OTHER THAN HOSPITAL: ☐ CONV. HOSP. ☐ RES. CARE ☐ OTHER
104. COUNTY
105. STREET (STREET AND NUMBER OR LOCATION)
106. CITY

CAUSE OF DEATH

107. DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR A, B, C, AND D)

		TIME INTERVAL BETWEEN ONSET AND DEATH
IMMEDIATE CAUSE	(A)	
DUE TO	(B)	
DUE TO	(C)	
DUE TO	(D)	

108. DEATH REPORTED TO CORONER ☐ YES ☐ NO REFERRAL NUMBER
109. BIOPSY PERFORMED ☐ YES ☐ NO
110. AUTOPSY PERFORMED ☐ YES ☐ NO
111. USED IN DETERMINING CAUSE ☐ YES ☐ NO
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.
119. MANNER OF DEATH ☐ NATURAL ☐ SUICIDE ☐ HOMICIDE ☐ ACCIDENT ☐ PENDING INVESTIGATION ☐ COULD NOT BE DETERMINED
120. INJURY AT WORK ☐ YES ☐ NO
121. INJURY DATE M M / D D / C C Y Y
122. HOUR
123. PLACE OF INJURY
124. DESCRIBE HOW INJURY OCCURRED (EVENTS WHICH RESULTED IN INJURY)
125. LOCATION (STREET AND NUMBER OR LOCATION AND CITY, ZIP)
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, 2001

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
2001

State of California – Health and Human Services 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. See back of form for abbreviations.

"CERTIFICATE OF LIVE BIRTH" (VS 10D) and "CERTIFICATE OF FETAL DEATH" (VS 12)

ITEM entitled "HISPANIC" (check ONE box)

Is the **FATHER** of Spanish/Hispanic/Latino descent?

- ☐ No - (Not Hispanic)
- ☐ Yes - Cuban
- ☐ Yes - Puerto Rican
- ☐ Yes - Mexican
- ☐ Yes - Other Hispanic (Specify) _____

ITEM entitled "RACE" (check at least ONE box and you **may choose up to THREE boxes**)

The **FATHER** is:

- ☐ Black
- ☐ White
- ☐ Aleut
- ☐ American Indian (North, South and Central) Specify Tribe _____
- ☐ Eskimo
- ☐ Asian Indian
- ☐ Cambodian
- ☐ Chinese
- ☐ Hmong
- ☐ Japanese
- ☐ Korean
- ☐ Laotian
- ☐ Thai
- ☐ Vietnamese
- ☐ Filipino
- ☐ Guamanian
- ☐ Hawaiian
- ☐ Pacific Islander
- ☐ Samoan
- ☐ Other (Specify) _____

ITEM entitled "HISPANIC" (check ONE box)

Is the **MOTHER** of Spanish/Hispanic/Latina descent?

- ☐ No - (Not Hispanic)
- ☐ Yes - Cuban
- ☐ Yes - Puerto Rican
- ☐ Yes - Mexican
- ☐ Yes - Other Hispanic (Specify) _____

ITEM entitled "RACE" (check at least ONE box and you **may choose up to THREE boxes**)

The **MOTHER** is:

- ☐ Black
- ☐ White
- ☐ Aleut
- ☐ American Indian (North, South and Central) Specify Tribe _____
- ☐ Eskimo
- ☐ Asian Indian
- ☐ Cambodian
- ☐ Chinese
- ☐ Hmong
- ☐ Japanese
- ☐ Korean
- ☐ Laotian
- ☐ Thai
- ☐ Vietnamese
- ☐ Filipino
- ☐ Guamanian
- ☐ Hawaiian
- ☐ Pacific Islander
- ☐ Samoan
- ☐ Other (Specify) _____

"CERTIFICATE OF DEATH" (VS 11)

ITEM entitled "HISPANIC" (check ONE box)

Is the **DECEDENT** of Spanish/Hispanic/Latino(a) origin?

- ☐ No - (Not Hispanic)
- ☐ Yes - Cuban
- ☐ Yes - Puerto Rican
- ☐ Yes - Mexican
- ☐ Yes - Other Hispanic (Specify) _____

ITEM entitled "RACE" (check at least ONE box and you **may choose up to THREE boxes**)

The **DECEDENT** is:

- ☐ Black
- ☐ White
- ☐ Aleut
- ☐ American Indian (North, South and Central) Specify Tribe _____
- ☐ Eskimo
- ☐ Asian Indian
- ☐ Cambodian
- ☐ Chinese
- ☐ Hmong
- ☐ Japanese
- ☐ Korean
- ☐ Laotian
- ☐ Thai
- ☐ Vietnamese
- ☐ Filipino
- ☐ Guamanian
- ☐ Hawaiian
- ☐ Pacific Islander
- ☐ Samoan
- ☐ Other (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 (Rev. 1/00)

OFFICE OF HEALTH INFORMATION AND RESEARCH MAJOR REPORTS

Health Status:	**Cost**
Advance Report: California Vital Statistics, 2000 (June 2002)	$10.00
County Health Status Profiles 2003 (Apr. 2003) (prior years are also available)	$10.00
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Vital Statistics of California, 2000 (Nov. 2003) (prior years are also available)	$20.00

Mortality:	
California's Infant Mortality Rate Report, 2001 (Feb. 2003)	$ 1.00

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 many other reports and information on available raw data files, can be found on our Internet website.

The Center for Health Statistics Home Page is:

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

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NOTES

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.

THE GREAT SEAL OF THE STATE OF
EUREKA
CALIFORNIA