

TABLE 1-2. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA COUNTIES, 2002
 (By Place of Residence and By Place of Occurrence, Infant Deaths By Place of Residence)
 (Live birth and death rates are per 1,000 population; fetal mortality ratios and infant mortality rates are per 1,000 live births.)

COUNTY	LIVE BIRTHS			DEATHS			MATERNAL DEATHS		FETAL DEATHS			INFANT DEATHS BY AGE					
	Residence		Occurrence	Residence		Occurrence	Residence	Occurrence	Residence		Occurrence	Total		Neonatal		Postneonatal	
	Number	Rate		Number	Rate				Number	Mortality Ratio		Number	Mortality Rate	Number	Mortality Rate	Number	Mortality Rate
CALIFORNIA	529,245	15.0	530,204	233,246	6.6	235,180	56	56	2,870	5.4	2,887	2,875	5.4	1,922	3.6	953	1.8
Alameda	21,802	14.6	22,452	9,564	6.4	9,516	1	1	134	6.1	149	91	4.2	58	2.7	33	1.5
Alpine	11	8.9	1	7	5.7	8	-	-	-	-	-	-	-	-	-	-	-
Amador	260	7.2	130	371	10.2	378	1	-	3	a,b	2	1	a,b	1	a,b	-	-
Butte	2,268	10.9	2,743	2,253	10.8	2,394	-	-	14	6.2	16	18	7.9	11	4.9	7	3.1
Calaveras	338	8.0	185	419	9.9	294	-	-	2	a,b	3	2	a,b	1	a,b	1	a,b
Colusa	307	15.7	157	137	7.0	114	-	-	-	-	-	2	a,b	2	a,b	-	-
Contra Costa	13,315	13.5	11,709	7,025	7.1	6,893	-	-	66	5.0	53	55	4.1	35	2.6	20	1.5
Del Norte	288	10.3	307	259	9.3	300	-	-	3	a,b	2	2	a,b	1	a,b	1	a,b
El Dorado	1,765	10.7	1,164	1,191	7.2	968	-	-	8	4.5	2	12	6.8	7	4.0	5	2.8
Fresno	14,766	17.7	15,981	5,785	6.9	6,154	1	3	73	4.9	91	102	6.9	71	4.8	31	2.1
Glenn	408	15.2	3	229	8.5	141	-	-	-	-	-	2	a,b	1	a,b	1	a,b
Humboldt	1,420	11.1	1,438	1,214	9.5	1,198	-	-	7	4.9	7	9	6.3	7	4.9	2	a
Imperial	2,662	17.5	2,598	916	6.0	826	-	-	18	6.8	19	10	3.8	9	3.4	1	a
Inyo	173	9.5	169	219	12.0	197	-	-	-	-	-	-	-	-	-	-	-
Kern	12,211	17.5	11,745	5,104	7.3	4,915	2	3	81	6.6	73	76	6.2	47	3.8	29	2.4
Kings	2,311	17.2	2,462	729	5.4	652	1	-	18	7.8	13	15	6.5	13	5.6	2	a
Lake	636	10.4	451	708	11.6	576	-	-	3	a,b	-	4	a,b	3	a,b	1	a,b
Lassen	301	8.8	233	222	6.5	166	-	-	3	a,b	3	5	b	3	a,b	2	a,b
Los Angeles	151,167	15.3	156,476	59,586	6.0	60,664	25	23	813	5.4	854	825	5.5	538	3.6	287	1.9
Madera	2,147	16.3	1,435	877	6.7	776	-	-	16	7.5	9	13	6.1	10	4.7	3	a
Marin	2,772	11.1	1,911	1,840	7.4	1,866	1	1	14	5.1	9	10	3.6	7	2.5	3	a
Mariposa	130	7.5	9	173	9.9	111	-	-	2	a,b	-	1	a,b	1	a,b	-	-
Mendocino	1,078	12.3	996	819	9.3	733	1	1	7	6.5	6	8	7.4	5	4.6	3	a
Merced	4,030	18.1	3,259	1,442	6.5	1,219	1	1	34	8.4	28	28	6.9	19	4.7	9	2.2
Modoc	67	7.2	32	97	10.4	66	-	-	1	a,b	1	-	-	-	-	-	-
Mono	138	10.3	104	51	3.8	54	-	-	1	a,b	1	1	a,b	-	-	1	a,b
Monterey	7,119	17.3	6,611	2,383	5.8	2,294	-	-	36	5.1	35	45	6.3	28	3.9	17	2.4
Napa	1,571	12.2	1,179	1,262	9.8	1,261	-	-	11	7.0	7	6	3.8	6	3.8	-	-
Nevada	823	8.6	969	961	10.0	894	1	-	-	-	2	2	a,b	1	a,b	1	a,b
Orange	44,796	15.2	47,050	16,789	5.7	17,256	1	2	237	5.3	242	216	4.8	150	3.3	66	1.5
Placer	3,484	12.9	2,802	2,117	7.8	2,478	-	1	11	3.2	7	19	5.5	13	3.7	6	1.7
Plumas	183	8.7	99	201	9.6	179	-	-	3	a,b	-	2	a,b	-	-	2	a,b
Riverside	26,691	15.9	24,261	12,830	7.7	12,421	2	-	125	4.7	108	170	6.4	110	4.1	60	2.2
Sacramento	19,243	14.8	21,743	9,578	7.4	10,182	4	5	108	5.6	138	118	6.1	71	3.7	47	2.4
San Benito	920	16.4	582	252	4.5	180	-	-	5	b	2	4	a,b	2	a,b	2	a,b
San Bernardino	29,696	16.4	25,337	11,602	6.4	12,025	5	7	160	5.4	144	226	7.6	145	4.9	81	2.7
San Diego	43,951	15.0	45,653	19,356	6.6	20,000	3	3	207	4.7	215	197	4.5	130	3.0	67	1.5
San Francisco	8,361	10.6	12,420	6,281	8.0	6,481	1	1	61	7.3	92	38	4.5	24	2.9	14	1.7
San Joaquin	10,162	16.8	9,628	4,588	7.6	4,503	-	-	66	6.5	64	74	7.3	60	5.9	14	1.4
San Luis Obispo	2,368	9.3	2,334	2,037	8.0	1,992	-	-	12	5.1	18	7	3.0	6	2.5	1	a
San Mateo	10,091	14.1	5,473	4,674	6.5	4,656	-	-	51	5.1	28	40	4.0	31	3.1	9	0.9
Santa Barbara	5,698	14.0	5,860	2,927	7.2	2,963	-	-	33	5.8	28	26	4.6	18	3.2	8	1.4
Santa Clara	27,060	15.7	31,485	8,642	5.0	9,465	-	-	138	5.1	156	97	3.6	73	2.7	24	0.9
Santa Cruz	3,334	12.9	3,610	1,614	6.2	1,597	-	-	18	5.4	17	13	3.9	6	1.8	7	2.1
Shasta	1,963	11.5	2,022	1,924	11.2	2,120	-	-	5	2.5	6	15	7.6	7	3.6	8	4.1
Sierra	30	8.5	-	40	11.4	45	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	411	9.3	315	492	11.1	442	-	-	3	a,b	3	-	-	-	-	-	-
Solano	5,851	14.3	5,600	2,633	6.4	2,515	1	1	43	7.3	35	46	7.9	33	5.6	13	2.2
Sonoma	5,679	12.1	5,862	3,864	8.2	3,875	1	1	24	4.2	26	29	5.1	21	3.7	8	1.4
Stanislaus	7,929	16.6	8,770	3,727	7.8	3,957	-	-	53	6.7	58	62	7.8	48	6.1	14	1.8
Sutter	1,263	15.3	2,097	709	8.6	481	-	-	5	4.0	9	7	5.5	4	a	3	a
Tehama	711	12.4	626	598	10.4	437	-	-	2	a,b	-	5	b	2	a,b	3	a,b
Trinity	106	8.1	18	143	10.9	95	-	-	-	-	-	-	-	-	-	-	-
Tulare	7,419	19.4	6,549	2,699	7.1	2,490	1	-	35	4.7	30	42	5.7	25	3.4	17	2.3
Tuolumne	442	7.9	508	609	10.8	560	1	1	1	a,b	1	-	-	-	-	-	-
Ventura	11,606	14.8	10,748	4,818	6.1	4,511	-	1	71	6.1	66	58	5.0	48	4.1	10	0.9
Yolo	2,384	13.3	1,836	1,130	6.3	1,001	1	-	16	6.7	8	10	4.2	7	2.9	3	a
Yuba	1,129	18.1	7	529	8.5	645	-	-	9	8.0	1	9	8.0	3	a	6	5.3

* By place of occurrence: The place where the event occurred (regardless of place of residence).
 By place of residence: The place a person lives or maintains legal residency. For live births, the mother's residence is used.
 - Represents zero events.
 a Rates and ratios are not calculated for fewer than five events.

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

Note: Fetal deaths of 20 weeks or more gestation are required by law to be registered. Maternal deaths are those due to complications of pregnancy, childbirth, and the puerperium, (International Classification of Diseases - Rev. 10, Codes O00-O99). Infant deaths are those under one year. Neonatal deaths are those under 28 days. 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, 2002 Population: Population Estimates for California Counties, Report E-2, July 1, 2001- July 1, 2002, January 2003.
 Population for 2002 is provisional.