

TABLE 1-2. LIVE BIRTHS, DEATHS, MATERNAL DEATHS, FETAL DEATHS, AND INFANT DEATHS BY AGE, CALIFORNIA COUNTIES, 2004
 (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 | 544,685 | 15.0 | 545,758 | 232,464 | 6.4 | 232,958 | 74 | 75 | 2,873 | 5.3 | 3,002 | 2,811 | 5.2 | 1,904 | 3.5 | 907 | 1.7 |
| Alameda | 20,919 | 13.8 | 21,612 | 9,269 | 6.1 | 9,244 | 2 | 2 | 120 | 5.7 | 142 | 111 | 5.3 | 75 | 3.6 | 36 | 1.7 |
| Alpine | 8 | 6.0 | 1 | 9 | 6.8 | 7 | - | - | - | - | - | - | - | - | - | - | - |
| Amador | 262 | 7.0 | 147 | 359 | 9.6 | 303 | - | - | 3 | a,b | 1 | 3 | a,b | 1 | a,b | 2 | a,b |
| Butte | 2,354 | 11.0 | 2,827 | 2,178 | 10.1 | 2,294 | 1 | 1 | 16 | 6.8 | 18 | 14 | 5.9 | 8 | 3.4 | 6 | 2.5 |
| Calaveras | 322 | 7.2 | 147 | 420 | 9.4 | 315 | 1 | 1 | 1 | a,b | 1 | 2 | a,b | 2 | a,b | - | - |
| Colusa | 345 | 16.7 | 206 | 141 | 6.8 | 119 | - | - | 2 | a,b | 1 | 1 | a,b | 1 | a,b | - | - |
| Contra Costa | 13,279 | 13.0 | 11,735 | 6,787 | 6.7 | 6,612 | 1 | - | 76 | 5.7 | 66 | 51 | 3.8 | 36 | 2.7 | 15 | 1.1 |
| Del Norte | 285 | 10.0 | 313 | 261 | 9.1 | 293 | - | - | 3 | a,b | 2 | - | - | - | - | - | - |
| El Dorado | 1,897 | 11.1 | 1,187 | 1,235 | 7.2 | 1,011 | 1 | 1 | 14 | 7.4 | 10 | 10 | 5.3 | 6 | 3.2 | 4 | a |
| Fresno | 15,896 | 18.3 | 17,392 | 5,811 | 6.7 | 6,081 | 1 | 1 | 91 | 5.7 | 114 | 128 | 8.1 | 91 | 5.7 | 37 | 2.3 |
| Glenn | 398 | 14.2 | 1 | 246 | 8.8 | 153 | - | - | 1 | a,b | - | - | - | - | - | - | - |
| Humboldt | 1,509 | 11.6 | 1,520 | 1,253 | 9.6 | 1,235 | - | - | 3 | a | 5 | 7 | 4.6 | 3 | a | 4 | a |
| Imperial | 2,861 | 18.2 | 2,757 | 869 | 5.5 | 759 | - | - | 8 | 2.8 | 5 | 16 | 5.6 | 10 | 3.5 | 6 | 2.1 |
| Inyo | 214 | 11.5 | 202 | 219 | 11.8 | 187 | - | - | 1 | a,b | 1 | 1 | a,b | - | - | 1 | a,b |
| Kern | 13,455 | 18.4 | 12,886 | 5,251 | 7.2 | 5,042 | - | 2 | 91 | 6.8 | 91 | 95 | 7.1 | 67 | 5.0 | 28 | 2.1 |
| Kings | 2,549 | 18.0 | 2,395 | 760 | 5.4 | 676 | 1 | - | 14 | 5.5 | 15 | 19 | 7.5 | 14 | 5.5 | 5 | 2.0 |
| Lake | 686 | 10.8 | 498 | 780 | 12.3 | 620 | - | - | - | - | - | 3 | a,b | 1 | a,b | 2 | a,b |
| Lassen | 301 | 8.3 | 268 | 227 | 6.3 | 158 | - | - | 3 | a,b | 4 | - | - | - | - | - | - |
| Los Angeles | 151,504 | 15.0 | 157,168 | 59,159 | 5.9 | 59,809 | 26 | 27 | 775 | 5.1 | 840 | 757 | 5.0 | 504 | 3.3 | 253 | 1.7 |
| Madera | 2,346 | 17.2 | 1,618 | 914 | 6.7 | 767 | - | - | 12 | 5.1 | 9 | 6 | 2.6 | 6 | 2.6 | - | - |
| Marin | 2,792 | 11.1 | 1,837 | 1,722 | 6.9 | 1,734 | - | - | 14 | 5.0 | 8 | 4 | a | 2 | a | 2 | a |
| Mariposa | 150 | 8.3 | 9 | 156 | 8.6 | 101 | - | - | 1 | a,b | 1 | 1 | a,b | 1 | a,b | - | - |
| Mendocino | 1,125 | 12.5 | 1,045 | 853 | 9.5 | 757 | - | - | 4 | a | 2 | 10 | 8.9 | 4 | a | 6 | 5.3 |
| Merced | 4,296 | 18.1 | 3,326 | 1,383 | 5.8 | 1,109 | 1 | 1 | 16 | 3.7 | 14 | 19 | 4.4 | 14 | 3.3 | 5 | 1.2 |
| Modoc | 85 | 8.8 | 44 | 102 | 10.5 | 72 | - | - | - | - | - | - | - | - | - | - | - |
| Mono | 170 | 12.3 | 159 | 45 | 3.3 | 39 | - | - | - | - | - | 1 | a,b | 1 | a,b | - | - |
| Monterey | 7,396 | 17.4 | 6,852 | 2,371 | 5.6 | 2,293 | - | - | 37 | 5.0 | 30 | 32 | 4.3 | 18 | 2.4 | 14 | 1.9 |
| Napa | 1,604 | 12.1 | 1,247 | 1,264 | 9.5 | 1,250 | - | - | 6 | 3.7 | 6 | 5 | 3.1 | 3 | a | 2 | a |
| Nevada | 818 | 8.3 | 962 | 916 | 9.3 | 874 | 1 | 1 | 7 | b | 6 | 6 | b | 5 | b | 1 | a,b |
| Orange | 45,060 | 14.8 | 48,391 | 16,748 | 5.5 | 17,284 | 2 | 3 | 244 | 5.4 | 265 | 179 | 4.0 | 129 | 2.9 | 50 | 1.1 |
| Placer | 3,797 | 12.9 | 3,191 | 2,284 | 7.8 | 2,741 | 1 | 1 | 21 | 5.5 | 15 | 18 | 4.7 | 10 | 2.6 | 8 | 2.1 |
| Plumas | 173 | 8.2 | 103 | 224 | 10.6 | 185 | - | - | 1 | a,b | - | - | - | - | - | - | - |
| Riverside | 29,545 | 16.3 | 25,677 | 13,638 | 7.5 | 12,931 | 5 | 5 | 161 | 5.4 | 145 | 160 | 5.4 | 93 | 3.1 | 67 | 2.3 |
| Sacramento | 20,836 | 15.3 | 23,440 | 9,634 | 7.1 | 10,121 | 4 | 4 | 129 | 6.2 | 163 | 114 | 5.5 | 73 | 3.5 | 41 | 2.0 |
| San Benito | 887 | 15.4 | 590 | 251 | 4.4 | 200 | 1 | 1 | 5 | b | 3 | 2 | a,b | 1 | a,b | 1 | a,b |
| San Bernardino | 31,914 | 16.7 | 27,259 | 11,912 | 6.3 | 12,319 | 5 | 4 | 166 | 5.2 | 167 | 219 | 6.9 | 163 | 5.1 | 56 | 1.8 |
| San Diego | 45,758 | 15.1 | 47,949 | 19,701 | 6.5 | 20,250 | 4 | 4 | 224 | 4.9 | 241 | 246 | 5.4 | 181 | 4.0 | 65 | 1.4 |
| San Francisco | 8,579 | 10.8 | 12,832 | 5,903 | 7.5 | 6,190 | 2 | 2 | 35 | 4.1 | 64 | 31 | 3.6 | 23 | 2.7 | 8 | 0.9 |
| San Joaquin | 11,010 | 17.1 | 10,211 | 4,433 | 6.9 | 4,308 | 2 | 2 | 89 | 8.1 | 74 | 74 | 6.7 | 48 | 4.4 | 26 | 2.4 |
| San Luis Obispo | 2,694 | 10.4 | 2,718 | 1,995 | 7.7 | 1,895 | - | - | 18 | 6.7 | 27 | 17 | 6.3 | 9 | 3.3 | 8 | 3.0 |
| San Mateo | 10,089 | 14.0 | 5,648 | 4,573 | 6.4 | 4,566 | - | - | 40 | 4.0 | 15 | 36 | 3.6 | 30 | 3.0 | 6 | 0.6 |
| Santa Barbara | 6,209 | 14.9 | 6,304 | 2,899 | 7.0 | 2,924 | 1 | 1 | 35 | 5.6 | 27 | 28 | 4.5 | 15 | 2.4 | 13 | 2.1 |
| Santa Clara | 26,537 | 15.3 | 30,720 | 8,470 | 4.9 | 9,148 | 4 | 5 | 109 | 4.1 | 144 | 119 | 4.5 | 80 | 3.0 | 39 | 1.5 |
| Santa Cruz | 3,399 | 13.0 | 3,732 | 1,579 | 6.1 | 1,535 | - | - | 23 | 6.8 | 22 | 17 | 5.0 | 11 | 3.2 | 6 | 1.8 |
| Shasta | 2,046 | 11.5 | 2,104 | 1,887 | 10.6 | 1,996 | 1 | 1 | 12 | 5.9 | 17 | 10 | 4.9 | 5 | 2.4 | 5 | 2.4 |
| Sierra | 18 | 5.0 | - | 37 | 10.3 | 29 | - | - | - | - | - | - | - | - | - | - | - |
| Siskiyou | 467 | 10.3 | 349 | 500 | 11.1 | 441 | - | - | 1 | a,b | 2 | 3 | a,b | - | - | 3 | a,b |
| Solano | 5,688 | 13.5 | 5,397 | 2,589 | 6.1 | 2,439 | 1 | 1 | 35 | 6.2 | 32 | 19 | 3.3 | 11 | 1.9 | 8 | 1.4 |
| Sonoma | 5,964 | 12.4 | 6,083 | 3,620 | 7.5 | 3,633 | 2 | 2 | 36 | 6.0 | 36 | 15 | 2.5 | 10 | 1.7 | 5 | 0.8 |
| Stanislaus | 8,061 | 16.2 | 9,228 | 3,473 | 7.0 | 3,744 | - | - | 45 | 5.6 | 54 | 52 | 6.5 | 41 | 5.1 | 11 | 1.4 |
| Sutter | 1,342 | 15.4 | 2,101 | 687 | 7.9 | 495 | 1 | 1 | 11 | 8.2 | 16 | 7 | 5.2 | 6 | 4.5 | 1 | a |
| Tehama | 700 | 11.8 | 633 | 593 | 10.0 | 457 | - | - | 6 | b | 2 | 7 | b | - | - | 7 | b |
| Trinity | 110 | 8.1 | 3 | 157 | 11.6 | 107 | - | - | 2 | a,b | - | 1 | a,b | 1 | a,b | - | - |
| Tulare | 7,957 | 19.8 | 7,174 | 2,638 | 6.6 | 2,486 | 1 | 1 | 36 | 4.5 | 27 | 32 | 4.0 | 19 | 2.4 | 13 | 1.6 |
| Tuolumne | 477 | 8.3 | 534 | 607 | 10.5 | 582 | - | - | - | - | - | - | - | - | - | - | - |
| Ventura | 11,954 | 14.8 | 11,119 | 4,849 | 6.0 | 4,518 | 1 | - | 50 | 4.2 | 41 | 90 | 7.5 | 63 | 5.3 | 27 | 2.3 |
| Yolo | 2,404 | 12.7 | 1,900 | 1,105 | 5.9 | 915 | - | - | 11 | 4.6 | 10 | 7 | 2.9 | 4 | a | 3 | a |
| Yuba | 1,184 | 18.1 | 7 | 518 | 7.9 | 605 | - | - | 9 | 7.6 | 2 | 6 | 5.1 | 5 | 4.2 | 1 | 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 5 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 on the 28th day and up to one year of age.

Source: State of California, Department of Health Services, Birth, Death and Fetal Death Records.
 State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2050, Sacramento, CA, May 2004.