



California HIV Surveillance Report — 2016

The California HIV Surveillance Report is published annually by the California Department of Public Health, Center for Infectious Diseases, Office of AIDS, Sacramento, California.

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Background

The California Department of Public Health (CDPH) Office of AIDS (OA) works with local health jurisdictions to collect, analyze, and disseminate surveillance data on people living with HIV in California. Providers and clinical laboratories provide HIV surveillance data to local health jurisdictions as a routine public health activity required by state law. More information about HIV surveillance in California can be found at the [Office of AIDS website](#).

This annual surveillance report summarizes information about people diagnosed with HIV infection in California. Information is also presented for the 61 California local health jurisdictions, including 58 counties and the three city-level health jurisdictions of Berkeley, Long Beach and Pasadena. There are three categories of data included in this report:

- Number and rate of new diagnoses of HIV infection during 2012–2016
- Number and rate of all persons living with diagnosed HIV infection during 2012–2016
- Number and rate of deaths among persons with diagnosed HIV infection during 2012–2016

Readers interested in HIV surveillance data at the national level are directed to the [Centers for Disease Control and Prevention \(CDC\) HIV Surveillance Reports](#).

Summary

- From 2012 through 2016, both the annual number and rate of new diagnoses of HIV infection in California declined. The number of new diagnoses declined by 2.8% — from 5,208 in 2012 to 5,061 in 2016, while the rate of new diagnoses per 100,000 population declined by 5.8%, from 13.7 to 12.9 during the same time period.
- From 2012 through 2016, the number of persons in California living with diagnosed HIV infection increased from approximately 121,000 to over 132,000. In 2016, the prevalence rate of diagnosed HIV infection was 336.4 per 100,000 population, compared to 319.1 in 2012— an increase of 5.4%.
- From 2012 through 2016, the annual number of deaths of persons with diagnosed HIV infection in California increased from 1,683 to 1,718. In 2016, the crude death rate of persons with diagnosed HIV infection was 4.4 per 100,000 population — the same as in 2012. Data on deaths of persons with diagnosed HIV infection represent all causes of death, and may or may not be related to HIV infection.

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Technical Notes

The information presented in this report is based on HIV surveillance data reported to the OA through January 26, 2018, allowing for a minimum of 12 months' reporting delay. Persons are presumed to reside in California if the most recent available address is located in the state.

The term HIV infection is defined as any diagnosis of HIV infection that met the CDC surveillance case definition, regardless of the stage of disease (stage 0, 1, 2, 3 [AIDS], or unknown) at time of initial diagnosis. This report does not include estimates of the number of persons who are infected with HIV, but not yet diagnosed. Because persons test at differing times after becoming infected, the number of persons with newly diagnosed HIV infection is not necessarily representative of persons newly infected with HIV (HIV incidence).

Please use caution when interpreting data on trends for groups with fewer than 20 cases. Small fluctuations from year to year can lead to dramatic changes in rates, which may not be indicative of changes in the epidemiology of HIV in these populations.

Age: The designation “adults and adolescents” refers to persons aged 12 years and older; “children” refers to persons aged less than 12 years. For newly diagnosed persons, the age group is based on the date of diagnosis. For persons living with HIV, the age group is based on the age at the end of the specified calendar year. For deaths, the age group is based on the age at death.

Gender: Persons were classified as being transgender if a case report form affirming their transgender status was present in HIV surveillance data by January 26, 2018. Otherwise individuals were classified according to their sex-at-birth.

Race and ethnicity: Hispanic/Latino(a) persons can be of any race. Race/ethnicity data were collected using Asian/Native Hawaiian/Pacific Islander as a single category until 2003; therefore persons who were classified as Asian/Native Hawaiian/Pacific Islander prior to 2003 and for whom no subsequent race/ethnicity information is available are classified as Asian, because they cannot be disaggregated. Although California Government Code Section 8310.5 requires CDPH to tabulate information by expanded ethnicities for each major Asian and Pacific Islander group, the data shown here are not disaggregated into those groups in order to maintain the confidentiality of these persons.

Geography: Jurisdiction of residence was determined at the time of diagnosis for newly diagnosed persons. For all living and deceased cases, jurisdiction of residence was based on the most recent available address.

Transmission category: Transmission category is the term for classifying cases based on a person's reported HIV risk factors. The classification is based on the CDC algorithm and results from selecting the single risk factor most likely to have been responsible for transmission, even if multiple risk factors were reported. The CDC hierarchy of risk factors, from most likely to lead to HIV

transmission, to least likely, is as follows: male-to-male sexual contact (MSM) *and* injection drug use (IDU), MSM alone, IDU alone, receipt of clotting factor blood product for treatment of hemophilia or other chronic coagulation disorder, and high-risk-heterosexual (HRH) contact. Non-high-risk heterosexual contact was added by OA, and is last in the hierarchy. Classification is based on sex-at-birth.

Gay, bisexual, and other men who have sex with men are in the transmission category of male-to-male sexual contact (MSM); transgender women who have sex with men are also placed by CDC in this transmission category. Persons who inject drugs are in the transmission category of injection drug use (IDU). Persons whose transmission category is classified as high-risk heterosexual (HRH) contact are persons who reported engaging in heterosexual intercourse with a person of the opposite sex-at-birth, and that partner was known to be HIV positive or engaged in an activity that put them at high risk for HIV (i.e., MSM, IDU). The transmission category heterosexual contact non-high-risk (non-HRH) includes persons with no other identified risk, who reported engaging in heterosexual intercourse with a person of the opposite sex of their sex-at-birth. The heterosexual categories exclude men who report ever having had sexual contact with both men and women— these persons are classified as MSM. Perinatal includes persons who were exposed immediately before or during birth, or by breastfeeding. Cases of HIV infection reported without a risk factor listed in the hierarchy of transmission categories are classified as “unknown risk.” Other includes exposure to blood transfusion or blood products, receiving a transplant, and other unspecified risks.

Deaths: Persons living with diagnosed HIV infection are presumed to be alive, unless a date of death is available in the California HIV surveillance data system. Tables 1a to 1c contain data on newly diagnosed persons, including persons who died during the year they were diagnosed. Tables 2a to 2d include all persons living with HIV who were alive at the end of the specified calendar year, regardless of when they were diagnosed. Tables 3a to 3c include all persons who died during the calendar year if they resided in California as of the last known address. Deaths from any cause were included.

Rates: Rates per 100,000 persons are based on population estimates from the State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060 (Sacramento, California, December 2014). For rates at the city level we used the *State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011-2016, with 2010 Census Benchmark. Sacramento, California, May 2016*. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.

In Care: Persons who had at least one CD4, viral load, or HIV-1 genotype test during the calendar year were considered to be in care.

Viral Suppression: Persons whose most recent HIV viral load test result during the calendar year was ≤ 200 copies/ml were considered to be virally suppressed.

Table 1a. Persons newly diagnosed with HIV infection, by year of diagnosis and selected demographic characteristics, 2012–2016 — California

| Characteristic | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | | |
|------------------------------------|--|-------|-------------|--------------|-------|-------------|--------------|-------|-------------|--------------|-------|-------------|--------------|-------|-------------|-------|
| | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | |
| Age at diagnosis (in years) | 0 to 11 | 14 | 0.3% | 0.2 | 19 | 0.4% | 0.3 | 15 | 0.3% | 0.2 | 8 | 0.2% | 0.1 | 10 | 0.2% | 0.2 |
| | 12 to 14 | 5 | 0.1% | 0.3 | 6 | 0.1% | 0.4 | 7 | 0.1% | 0.5 | 1 | 0.0% | 0.1 | 3 | 0.1% | 0.2 |
| | 15 to 17 | 39 | 0.7% | 2.5 | 26 | 0.6% | 1.6 | 30 | 0.6% | 1.9 | 28 | 0.6% | 1.8 | 27 | 0.5% | 1.7 |
| | 18 to 19 | 136 | 2.6% | 10.7 | 119 | 2.5% | 9.5 | 110 | 2.1% | 8.7 | 130 | 2.6% | 10.3 | 124 | 2.5% | 9.9 |
| | 20 to 24 | 800 | 15.4% | 28.3 | 707 | 15.0% | 24.4 | 848 | 16.3% | 28.6 | 875 | 17.3% | 29.2 | 823 | 16.3% | 27.1 |
| | 25 to 29 | 897 | 17.2% | 33.7 | 816 | 17.3% | 31.3 | 970 | 18.7% | 38.0 | 976 | 19.3% | 38.7 | 1,019 | 20.1% | 40.3 |
| | 30 to 34 | 784 | 15.1% | 29.1 | 724 | 15.3% | 26.4 | 798 | 15.3% | 28.7 | 753 | 14.9% | 27.2 | 755 | 14.9% | 27.6 |
| | 35 to 39 | 569 | 10.9% | 22.6 | 539 | 11.4% | 21.4 | 595 | 11.4% | 23.4 | 572 | 11.3% | 22.2 | 602 | 11.9% | 22.9 |
| | 40 to 44 | 594 | 11.4% | 22.4 | 527 | 11.2% | 19.9 | 541 | 10.4% | 20.7 | 475 | 9.4% | 18.5 | 458 | 9.0% | 18.1 |
| | 45 to 49 | 594 | 11.4% | 22.7 | 493 | 10.4% | 19.0 | 474 | 9.1% | 18.3 | 464 | 9.2% | 17.8 | 420 | 8.3% | 15.9 |
| | 50 to 54 | 396 | 7.6% | 15.1 | 330 | 7.0% | 12.5 | 372 | 7.2% | 14.0 | 367 | 7.2% | 13.9 | 401 | 7.9% | 15.4 |
| | 55 to 59 | 212 | 4.1% | 9.0 | 222 | 4.7% | 9.2 | 236 | 4.5% | 9.6 | 206 | 4.1% | 8.2 | 222 | 4.4% | 8.8 |
| | 60 to 64 | 94 | 1.8% | 4.8 | 108 | 2.3% | 5.4 | 119 | 2.3% | 5.7 | 116 | 2.3% | 5.4 | 105 | 2.1% | 4.7 |
| | 65 to 74 | 61 | 1.2% | 2.4 | 75 | 1.6% | 2.8 | 74 | 1.4% | 2.6 | 80 | 1.6% | 2.7 | 81 | 1.6% | 2.6 |
| | ≥ 75 | 13 | 0.2% | 0.6 | 13 | 0.3% | 0.6 | 11 | 0.2% | 0.5 | 16 | 0.3% | 0.7 | 11 | 0.2% | 0.5 |
| Race/ethnicity | Hispanic/Latino | 2,229 | 42.8% | 15.3 | 2,007 | 42.5% | 13.6 | 2,326 | 44.7% | 15.5 | 2,222 | 43.9% | 14.6 | 2,269 | 44.8% | 14.7 |
| | American Indian/Alaska Native | 17 | 0.3% | 10.3 | 13 | 0.3% | 7.9 | 11 | 0.2% | 6.7 | 16 | 0.3% | 9.7 | 23 | 0.5% | 13.9 |
| | Asian | 321 | 6.2% | 6.5 | 293 | 6.2% | 5.9 | 359 | 6.9% | 7.1 | 320 | 6.3% | 6.3 | 335 | 6.6% | 6.5 |
| | Black/African American | 886 | 17.0% | 40.1 | 817 | 17.3% | 36.8 | 851 | 16.4% | 38.1 | 895 | 17.7% | 39.8 | 955 | 18.9% | 42.2 |
| | Native Hawaiian/Other Pacific Islander | 17 | 0.3% | 12.8 | 13 | 0.3% | 9.8 | 5 | 0.1% | 3.8 | 14 | 0.3% | 10.6 | 11 | 0.2% | 8.4 |
| | White | 1,601 | 30.7% | 10.6 | 1,436 | 30.4% | 9.5 | 1,498 | 28.8% | 9.9 | 1,461 | 28.8% | 9.7 | 1,347 | 26.6% | 8.9 |
| | Multiple races | 137 | 2.6% | 14.0 | 145 | 3.1% | 14.3 | 150 | 2.9% | 14.3 | 139 | 2.7% | 12.9 | 121 | 2.4% | 10.9 |
| | Gender | Male | 4,558 | 87.5% | 24.1 | 4,128 | 87.4% | 21.6 | 4,531 | 87.1% | 23.5 | 4,466 | 88.1% | 23.0 | 4,392 | 86.8% |
| Female | 566 | 10.9% | 3.0 | 527 | 11.2% | 2.7 | 604 | 11.6% | 3.1 | 534 | 10.5% | 2.7 | 587 | 11.6% | 3.0 | |
| Transgender: Male-to-Female | 82 | 1.6% | - | 67 | 1.4% | - | 63 | 1.2% | - | 62 | 1.2% | - | 77 | 1.5% | - | |
| Transgender: Female-to-Male | 2 | 0.04% | - | 2 | 0.04% | - | 2 | 0.0% | - | 5 | 0.1% | - | 5 | 0.1% | - | |
| Alternative Gender Identity | 0 | 0.00% | - | 0 | 0.00% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | |
| Total | 5,208 | | 13.7 | 4,724 | | 12.3 | 5,200 | | 13.4 | 5,067 | | 13.0 | 5,061 | | 12.9 | |

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated.

Table 1b. Persons newly diagnosed with HIV infection, by year of diagnosis and transmission category, 2012–2016 — California

| Demographic group | Transmission category | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | |
|---|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | N | % | N | % | N | % | N | % | N | % |
| Male adult or adolescent (≥12 years old at diagnosis) | Male-to-male sexual contact (MSM) | 3,429 | 74.0% | 3,137 | 74.9% | 3,392 | 73.9% | 3,350 | 74.0% | 3,212 | 72.0% |
| | Injection drug use (IDU) | 146 | 3.2% | 140 | 3.3% | 149 | 3.2% | 135 | 3.0% | 128 | 2.9% |
| | MSM and IDU | 219 | 4.7% | 170 | 4.1% | 175 | 3.8% | 163 | 3.6% | 155 | 3.5% |
| | High-risk heterosexual contact (HRH) | 112 | 2.4% | 142 | 3.4% | 139 | 3.0% | 107 | 2.4% | 130 | 2.9% |
| | Heterosexual contact (Non-HRH) | 269 | 5.8% | 286 | 6.8% | 302 | 6.6% | 325 | 7.2% | 371 | 8.3% |
| | Perinatal | 0 | 0.0% | 0 | 0.0% | 2 | 0.0% | 1 | 0.0% | 0 | 0.0% |
| | Unknown risk | 458 | 9.9% | 314 | 7.5% | 428 | 9.3% | 445 | 9.8% | 468 | 10.5% |
| | Subtotal | 4,633 | 89.0% | 4,189 | 88.7% | 4,587 | 88.2% | 4,526 | 89.3% | 4,464 | 88.2% |
| Female adult or adolescent (≥12 years old at diagnosis) | Injection drug use | 58 | 10.3% | 54 | 10.5% | 62 | 10.4% | 60 | 11.3% | 60 | 10.2% |
| | High-risk heterosexual contact (HRH) | 259 | 46.2% | 224 | 43.4% | 232 | 38.8% | 197 | 37.0% | 193 | 32.9% |
| | Heterosexual contact (Non-HRH) | 168 | 29.9% | 171 | 33.1% | 240 | 40.1% | 220 | 41.3% | 259 | 44.1% |
| | Perinatal | 2 | 0.4% | 1 | 0.2% | 2 | 0.3% | 0 | 0.0% | 2 | 0.3% |
| | Unknown risk | 74 | 13.2% | 66 | 12.8% | 62 | 10.4% | 56 | 10.5% | 73 | 12.4% |
| | Subtotal | 561 | 10.8% | 516 | 10.9% | 598 | 11.5% | 533 | 10.5% | 587 | 11.6% |
| Child (<12 years old at diagnosis) | Perinatal (born in CA) | 1 | 7.1% | 2 | 10.5% | 4 | 26.7% | 3 | 37.5% | 4 | 40.0% |
| | Perinatal (born in other US states) | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | Perinatal (Foreign-born) | 10 | 71.4% | 11 | 57.9% | 7 | 46.7% | 4 | 50.0% | 3 | 30.0% |
| | Perinatal (Unrecorded birth country) | 1 | 7.1% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | Unknown risk | 2 | 14.3% | 6 | 31.6% | 4 | 26.7% | 1 | 12.5% | 2 | 20.0% |
| | Other | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 10.0% |
| | Subtotal | 14 | 0.3% | 19 | 0.4% | 15 | 0.3% | 8 | 0.2% | 10 | 0.2% |
| | Total | 5,208 | | 4,724 | | 5,200 | | 5,067 | | 5,061 | |

Note: Transmission category classified by sex-at-birth. High-risk heterosexual contact (HRH): heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk of HIV (e.g., MSM, IDU). Heterosexual contact (non-high-risk, Non-HRH): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified. The number of perinatal diagnoses in a given year do not reflect the number of transmissions during that year since some cases are not diagnosed at birth. Perinatal children who were less than 12 years old at diagnosis and were exposed to HIV perinatally are further categorized by the country of birth.

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Table 1c. Persons newly diagnosed with HIV infection, by year of diagnosis and local health jurisdiction, 2012–2016 — California

| County of residence at diagnosis | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|----------------------------------|--------------|-------|-------------|--------------|-------|-------------|--------------|-------|-------------|--------------|-------|-------------|--------------|-------|-------------|
| | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate |
| Alameda | 236 | 4.5% | 15.2 | 215 | 4.6% | 13.6 | 213 | 4.1% | 13.3 | 263 | 5.2% | 16.2 | 268 | 5.3% | 16.4 |
| Alpine | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Amador | 4 | 0.1% | 10.6 | 2 | 0.0% | 5.3 | 0 | 0.0% | 0.0 | 1 | 0.0% | 2.7 | 2 | 0.0% | 5.4 |
| Butte | 9 | 0.2% | 4.1 | 8 | 0.2% | 3.6 | 8 | 0.2% | 3.6 | 8 | 0.2% | 3.6 | 14 | 0.3% | 6.2 |
| Calaveras | 0 | 0.0% | 0.0 | 3 | 0.1% | 6.6 | 3 | 0.1% | 6.7 | 1 | 0.0% | 2.2 | 1 | 0.0% | 2.2 |
| Colusa | 2 | 0.0% | 9.2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.0% | 4.5 | 1 | 0.0% | 4.5 |
| Contra Costa | 92 | 1.8% | 8.6 | 72 | 1.5% | 6.6 | 106 | 2.0% | 9.6 | 92 | 1.8% | 8.2 | 117 | 2.3% | 10.4 |
| Del Norte | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.0% | 3.7 | 0 | 0.0% | 0.0 |
| El Dorado | 3 | 0.1% | 1.7 | 4 | 0.1% | 2.2 | 4 | 0.1% | 2.2 | 7 | 0.1% | 3.8 | 3 | 0.1% | 1.6 |
| Fresno | 103 | 2.0% | 10.8 | 89 | 1.9% | 9.3 | 112 | 2.2% | 11.6 | 102 | 2.0% | 10.4 | 135 | 2.7% | 13.6 |
| Glenn | 1 | 0.0% | 3.5 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.0% | 3.5 | 2 | 0.0% | 6.9 |
| Humboldt | 4 | 0.1% | 3.0 | 4 | 0.1% | 3.0 | 6 | 0.1% | 4.5 | 10 | 0.2% | 7.4 | 6 | 0.1% | 4.4 |
| Imperial | 16 | 0.3% | 8.9 | 20 | 0.4% | 11.1 | 19 | 0.4% | 10.4 | 18 | 0.4% | 9.7 | 13 | 0.3% | 6.9 |
| Inyo | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 3 | 0.1% | 16.1 | 1 | 0.0% | 5.4 | 2 | 0.0% | 10.7 |
| Kern | 96 | 1.8% | 11.2 | 109 | 2.3% | 12.5 | 109 | 2.1% | 12.4 | 120 | 2.4% | 13.6 | 107 | 2.1% | 12.0 |
| Kings | 8 | 0.2% | 5.3 | 12 | 0.3% | 8.0 | 8 | 0.2% | 5.4 | 8 | 0.2% | 5.3 | 9 | 0.2% | 6.0 |
| Lake | 2 | 0.0% | 3.1 | 1 | 0.0% | 1.5 | 2 | 0.0% | 3.1 | 2 | 0.0% | 3.1 | 1 | 0.0% | 1.5 |
| Lassen | 3 | 0.1% | 9.1 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.0% | 3.2 | 1 | 0.0% | 3.3 |
| Los Angeles | 2,141 | 41.1% | 21.4 | 1,790 | 37.9% | 17.8 | 2,114 | 40.7% | 20.9 | 2,024 | 40.0% | 19.9 | 1,894 | 37.4% | 18.5 |
| Madera | 11 | 0.2% | 7.3 | 7 | 0.1% | 4.6 | 13 | 0.3% | 8.4 | 6 | 0.1% | 3.9 | 7 | 0.1% | 4.5 |
| Marin | 11 | 0.2% | 4.3 | 14 | 0.3% | 5.4 | 24 | 0.5% | 9.2 | 23 | 0.5% | 8.8 | 29 | 0.6% | 11.0 |
| Mariposa | 3 | 0.1% | 16.5 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.0% | 5.5 |
| Mendocino | 3 | 0.1% | 3.4 | 2 | 0.0% | 2.3 | 5 | 0.1% | 5.6 | 3 | 0.1% | 3.4 | 3 | 0.1% | 3.4 |
| Merced | 15 | 0.3% | 5.7 | 13 | 0.3% | 4.9 | 15 | 0.3% | 5.6 | 22 | 0.4% | 8.2 | 21 | 0.4% | 7.7 |
| Modoc | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Mono | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Monterey | 26 | 0.5% | 6.1 | 29 | 0.6% | 6.8 | 25 | 0.5% | 5.8 | 31 | 0.6% | 7.1 | 40 | 0.8% | 9.1 |
| Napa | 3 | 0.1% | 2.2 | 5 | 0.1% | 3.6 | 10 | 0.2% | 7.1 | 4 | 0.1% | 2.8 | 12 | 0.2% | 8.4 |
| Nevada | 6 | 0.1% | 6.1 | 6 | 0.1% | 6.1 | 5 | 0.1% | 5.1 | 2 | 0.0% | 2.0 | 2 | 0.0% | 2.0 |
| Orange | 269 | 5.2% | 8.7 | 307 | 6.5% | 9.9 | 286 | 5.5% | 9.1 | 330 | 6.5% | 10.4 | 346 | 6.8% | 10.9 |
| Placer | 17 | 0.3% | 4.7 | 13 | 0.3% | 3.6 | 13 | 0.3% | 3.5 | 11 | 0.2% | 3.0 | 19 | 0.4% | 5.1 |
| Plumas | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Riverside | 257 | 4.9% | 11.4 | 237 | 5.0% | 10.4 | 264 | 5.1% | 11.4 | 267 | 5.3% | 11.5 | 300 | 5.9% | 12.7 |
| Sacramento | 185 | 3.6% | 12.8 | 170 | 3.6% | 11.7 | 184 | 3.5% | 12.5 | 156 | 3.1% | 10.5 | 195 | 3.9% | 12.9 |
| San Benito | 0 | 0.0% | 0.0 | 1 | 0.0% | 1.8 | 1 | 0.0% | 1.7 | 4 | 0.1% | 6.9 | 1 | 0.0% | 1.7 |
| San Bernardino | 200 | 3.8% | 9.6 | 190 | 4.0% | 9.1 | 220 | 4.2% | 10.4 | 194 | 3.8% | 9.1 | 217 | 4.3% | 10.1 |
| San Diego | 483 | 9.3% | 15.2 | 487 | 10.3% | 15.2 | 499 | 9.6% | 15.4 | 498 | 9.8% | 15.2 | 503 | 9.9% | 15.2 |
| San Francisco | 456 | 8.8% | 54.8 | 396 | 8.4% | 46.9 | 330 | 6.3% | 38.7 | 294 | 5.8% | 34.1 | 264 | 5.2% | 30.3 |
| San Joaquin | 48 | 0.9% | 6.9 | 80 | 1.7% | 11.3 | 72 | 1.4% | 10.0 | 71 | 1.4% | 9.8 | 53 | 1.0% | 7.2 |
| San Luis Obispo | 18 | 0.3% | 6.6 | 17 | 0.4% | 6.2 | 11 | 0.2% | 4.0 | 17 | 0.3% | 6.1 | 18 | 0.4% | 6.5 |
| San Mateo | 66 | 1.3% | 8.9 | 50 | 1.1% | 6.7 | 69 | 1.3% | 9.1 | 63 | 1.2% | 8.2 | 59 | 1.2% | 7.7 |
| Santa Barbara | 30 | 0.6% | 7.0 | 19 | 0.4% | 4.4 | 25 | 0.5% | 5.7 | 23 | 0.5% | 5.2 | 29 | 0.6% | 6.5 |
| Santa Clara | 138 | 2.6% | 7.5 | 134 | 2.8% | 7.2 | 164 | 3.2% | 8.7 | 159 | 3.1% | 8.3 | 136 | 2.7% | 7.0 |
| Santa Cruz | 21 | 0.4% | 7.8 | 13 | 0.3% | 4.8 | 22 | 0.4% | 8.1 | 12 | 0.2% | 4.4 | 19 | 0.4% | 6.9 |
| Shasta | 3 | 0.1% | 1.7 | 10 | 0.2% | 5.6 | 8 | 0.2% | 4.5 | 3 | 0.1% | 1.7 | 7 | 0.1% | 3.9 |
| Sierra | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Siskiyou | 3 | 0.1% | 6.7 | 0 | 0.0% | 0.0 | 2 | 0.0% | 4.5 | 2 | 0.0% | 4.5 | 3 | 0.1% | 6.8 |
| Solano | 42 | 0.8% | 10.1 | 27 | 0.6% | 6.4 | 54 | 1.0% | 12.7 | 35 | 0.7% | 8.2 | 27 | 0.5% | 6.2 |
| Sonoma | 41 | 0.8% | 8.4 | 37 | 0.8% | 7.5 | 30 | 0.6% | 6.0 | 30 | 0.6% | 6.0 | 37 | 0.7% | 7.3 |
| Stanislaus | 33 | 0.6% | 6.3 | 37 | 0.8% | 7.0 | 40 | 0.8% | 7.5 | 32 | 0.6% | 5.9 | 28 | 0.6% | 5.1 |
| Sutter | 2 | 0.0% | 2.1 | 6 | 0.1% | 6.2 | 1 | 0.0% | 1.0 | 1 | 0.0% | 1.0 | 8 | 0.2% | 8.1 |
| Tehama | 2 | 0.0% | 3.1 | 1 | 0.0% | 1.6 | 0 | 0.0% | 0.0 | 1 | 0.0% | 1.6 | 1 | 0.0% | 1.6 |
| Trinity | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Tulare | 29 | 0.6% | 6.4 | 30 | 0.6% | 6.6 | 35 | 0.7% | 7.6 | 32 | 0.6% | 6.9 | 33 | 0.7% | 7.0 |
| Tuolumne | 2 | 0.0% | 3.6 | 1 | 0.0% | 1.8 | 0 | 0.0% | 0.0 | 2 | 0.0% | 3.7 | 1 | 0.0% | 1.8 |
| Ventura | 49 | 0.9% | 5.9 | 47 | 1.0% | 5.6 | 54 | 1.0% | 6.4 | 51 | 1.0% | 6.0 | 45 | 0.9% | 5.3 |
| Yolo | 13 | 0.2% | 6.3 | 6 | 0.1% | 2.9 | 10 | 0.2% | 4.8 | 22 | 0.4% | 10.3 | 18 | 0.4% | 8.3 |
| Yuba | 3 | 0.1% | 4.1 | 3 | 0.1% | 4.0 | 2 | 0.0% | 2.7 | 4 | 0.1% | 5.3 | 3 | 0.1% | 3.9 |
| Total | 5,208 | | 13.7 | 4,724 | | 12.3 | 5,200 | | 13.4 | 5,066 | | 13.0 | 5,061 | | 12.9 |
| Berkeley city | 15 | 0.3% | 13.0 | 13 | 0.3% | 11.1 | 21 | 0.4% | 17.7 | 24 | 0.5% | 19.9 | 23 | 0.5% | 19.0 |
| Long Beach city | 198 | 3.8% | 42.3 | 136 | 2.9% | 29.0 | 124 | 2.4% | 26.4 | 137 | 2.7% | 29.1 | 129 | 2.5% | 27.4 |
| Pasadena city | 30 | 0.6% | 21.7 | 27 | 0.6% | 19.3 | 23 | 0.4% | 16.4 | 31 | 0.6% | 21.9 | 20 | 0.4% | 14.1 |

Note: Rates are per 100,000 population. Numbers for the city health jurisdictions of Berkeley, Long Beach and Pasadena are subsets of the numbers for the counties in which they are located (numbers on Alameda, and Los Angeles counties (above) include the respective city LHJ numbers). All counts are based on the availability of resident county in the database at the time of diagnosis.

Table 2a. Persons living with diagnosed HIV infection, by year and selected demographic characteristics, 2012–2016 — California

| Characteristic | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | | |
|--------------------------------|--|---------|--------------|----------------|---------|--------------|----------------|---------|--------------|----------------|---------|--------------|----------------|---------|--------------|---------|
| | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | |
| Age at year end (years) | 0 to11 | 150 | 0.1% | 2.5 | 151 | 0.1% | 2.5 | 146 | 0.1% | 2.4 | 132 | 0.1% | 2.2 | 116 | 0.1% | 1.9 |
| | 12 to 14 | 80 | 0.1% | 5.2 | 73 | 0.1% | 4.7 | 72 | 0.1% | 4.7 | 68 | 0.1% | 4.5 | 81 | 0.1% | 5.3 |
| | 15 to 17 | 164 | 0.1% | 10.3 | 146 | 0.1% | 9.2 | 132 | 0.1% | 8.5 | 124 | 0.1% | 8.0 | 108 | 0.1% | 7.0 |
| | 18 to 19 | 313 | 0.3% | 24.7 | 284 | 0.2% | 22.6 | 249 | 0.2% | 19.7 | 258 | 0.2% | 20.4 | 245 | 0.2% | 19.6 |
| | 20 to 24 | 2,991 | 2.5% | 105.7 | 2,971 | 2.4% | 102.6 | 3,028 | 2.4% | 102.3 | 3,045 | 2.4% | 101.6 | 3,013 | 2.3% | 99.3 |
| | 25 to 29 | 6,738 | 5.6% | 253.0 | 6,905 | 5.6% | 265.0 | 7,212 | 5.7% | 282.2 | 7,355 | 5.7% | 291.8 | 7,650 | 5.8% | 302.4 |
| | 30 to 34 | 9,302 | 7.7% | 345.7 | 9,492 | 7.7% | 346.3 | 9,744 | 7.7% | 350.8 | 9,967 | 7.7% | 360.4 | 10,312 | 7.8% | 377.5 |
| | 35 to 39 | 10,953 | 9.0% | 435.6 | 10,921 | 8.8% | 433.2 | 11,094 | 8.8% | 436.6 | 11,350 | 8.8% | 440.0 | 11,848 | 8.9% | 450.6 |
| | 40 to 44 | 16,952 | 14.0% | 639.2 | 15,822 | 12.8% | 598.9 | 14,692 | 11.7% | 561.8 | 13,571 | 10.5% | 528.3 | 12,968 | 9.8% | 512.5 |
| | 45 to 49 | 23,003 | 19.0% | 877.8 | 22,183 | 17.9% | 855.1 | 20,847 | 16.5% | 805.7 | 19,939 | 15.5% | 764.1 | 19,142 | 14.5% | 726.2 |
| | 50 to 54 | 21,268 | 17.5% | 810.6 | 22,492 | 18.1% | 852.1 | 23,344 | 18.5% | 879.0 | 23,838 | 18.5% | 902.5 | 23,737 | 17.9% | 910.3 |
| | 55 to 59 | 14,371 | 11.8% | 609.5 | 15,509 | 12.5% | 642.5 | 16,488 | 13.1% | 670.2 | 17,764 | 13.8% | 708.7 | 19,214 | 14.5% | 757.3 |
| | 60 to 64 | 8,426 | 6.9% | 427.3 | 9,313 | 7.5% | 461.4 | 10,199 | 8.1% | 490.3 | 11,122 | 8.6% | 518.0 | 12,277 | 9.3% | 554.9 |
| | 65 to 74 | 5,697 | 4.7% | 222.4 | 6,609 | 5.3% | 243.5 | 7,520 | 6.0% | 262.5 | 8,678 | 6.7% | 287.6 | 9,857 | 7.4% | 312.4 |
| ≥ 75 | 978 | 0.8% | 47.4 | 1,131 | 0.9% | 53.7 | 1,328 | 1.1% | 61.4 | 1,572 | 1.2% | 70.4 | 1,837 | 1.4% | 79.7 | |
| Race/ethnicity | Hispanic/Latino | 40,169 | 33.1% | 276.0 | 41,637 | 33.6% | 281.8 | 43,286 | 34.3% | 288.4 | 44,843 | 34.8% | 294.7 | 46,746 | 35.3% | 303.3 |
| | American Indian/Alaska Native | 385 | 0.3% | 233.6 | 384 | 0.3% | 232.6 | 381 | 0.3% | 230.3 | 383 | 0.3% | 231.4 | 405 | 0.3% | 244.5 |
| | Asian | 4,076 | 3.4% | 82.6 | 4,333 | 3.5% | 86.9 | 4,643 | 3.7% | 92.0 | 4,905 | 3.8% | 96.4 | 5,211 | 3.9% | 101.7 |
| | Black/African American | 21,462 | 17.7% | 971.7 | 21,895 | 17.7% | 986.2 | 22,196 | 17.6% | 993.8 | 22,542 | 17.5% | 1,003.1 | 23,124 | 17.5% | 1,022.9 |
| | Native Hawaiian/Other Pacific Islander | 244 | 0.2% | 184.2 | 251 | 0.2% | 189.7 | 254 | 0.2% | 192.0 | 263 | 0.2% | 199.4 | 272 | 0.2% | 206.9 |
| | White | 51,918 | 42.8% | 344.5 | 52,299 | 42.2% | 346.8 | 52,079 | 41.3% | 344.6 | 52,548 | 40.8% | 347.3 | 53,310 | 40.3% | 351.9 |
| | Multiple races | 3,127 | 2.6% | 319.2 | 3,198 | 2.6% | 316.1 | 3,251 | 2.6% | 310.9 | 3,294 | 2.6% | 305.2 | 3,332 | 2.5% | 299.6 |
| | Unknown race | 5 | 0.0% | - | 5 | 0.0% | - | 5 | 0.0% | - | 5 | 0.0% | - | 5 | 0.0% | - |
| Gender | Male | 105,550 | 87.0% | 558.0 | 107,854 | 87.0% | 565.2 | 109,628 | 86.9% | 568.8 | 112,021 | 87.0% | 576.4 | 115,193 | 87.0% | 588.2 |
| | Female | 14,313 | 11.8% | 74.8 | 14,580 | 11.8% | 75.6 | 14,876 | 11.8% | 76.4 | 15,126 | 11.7% | 77.1 | 15,528 | 11.7% | 78.5 |
| | Transgender: Male-to-Female | 1,480 | 1.2% | - | 1,525 | 1.2% | - | 1,546 | 1.2% | - | 1,589 | 1.2% | - | 1,632 | 1.2% | - |
| | Transgender: Female-to-Male | 38 | 0.03% | - | 38 | 0.03% | - | 40 | 0.0% | - | 43 | 0.0% | - | 48 | 0.0% | - |
| | Alternative Gender Identity | 5 | 0.00% | - | 5 | 0.00% | - | 5 | 0.0% | - | 4 | 0.0% | - | 4 | 0.0% | - |
| Total | 121,386 | | 319.1 | 124,002 | | 323.1 | 126,095 | | 325.5 | 128,783 | | 329.7 | 132,405 | | 336.4 | |

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated.

Table 2b. Persons living with diagnosed HIV infection, by year and transmission category, 2012–2016 — California

| Demographic group | Transmission category | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | |
|--|--------------------------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| | | N | % | N | % | N | % | N | % | N | % |
| Male adult or adolescent (≥12 years old at year end) | Male-to-male sexual contact (MSM) | 80,498 | 75.3% | 82,428 | 75.4% | 83,811 | 75.4% | 85,791 | 75.6% | 88,251 | 75.6% |
| | Injection drug use (IDU) | 5,359 | 5.0% | 5,306 | 4.9% | 5,259 | 4.7% | 5,212 | 4.6% | 5,207 | 4.5% |
| | MSM and IDU | 9,694 | 9.1% | 9,591 | 8.8% | 9,372 | 8.4% | 9,226 | 8.1% | 9,218 | 7.9% |
| | High-risk heterosexual contact (HRH) | 3,409 | 3.2% | 3,477 | 3.2% | 3,552 | 3.2% | 3,581 | 3.2% | 3,661 | 3.1% |
| | Heterosexual contact (Non-HRH) | 3,535 | 3.3% | 3,767 | 3.4% | 4,015 | 3.6% | 4,274 | 3.8% | 4,586 | 3.9% |
| | Perinatal | 264 | 0.2% | 272 | 0.2% | 282 | 0.3% | 289 | 0.3% | 295 | 0.3% |
| | Unknown risk | 3,925 | 3.7% | 4,202 | 3.8% | 4,554 | 4.1% | 4,929 | 4.3% | 5,310 | 4.5% |
| | Other | 280 | 0.3% | 272 | 0.2% | 267 | 0.2% | 253 | 0.2% | 248 | 0.2% |
| | Subtotal | 106,964 | 88.1% | 109,315 | 88.2% | 111,112 | 88.1% | 113,555 | 88.2% | 116,776 | 88.2% |
| Female adult or adolescent (≥12 years old at year end) | Injection drug use | 2,951 | 20.7% | 2,890 | 19.9% | 2,838 | 19.1% | 2,781 | 18.4% | 2,772 | 17.9% |
| | High-risk heterosexual contact (HRH) | 7,584 | 53.1% | 7,691 | 52.9% | 7,800 | 52.6% | 7,886 | 52.2% | 8,011 | 51.6% |
| | Heterosexual contact (Non-HRH) | 2,510 | 17.6% | 2,662 | 18.3% | 2,864 | 19.3% | 3,041 | 20.1% | 3,271 | 21.1% |
| | Perinatal | 303 | 2.1% | 315 | 2.2% | 321 | 2.2% | 336 | 2.2% | 352 | 2.3% |
| | Unknown risk | 774 | 5.4% | 828 | 5.7% | 869 | 5.9% | 912 | 6.0% | 969 | 6.2% |
| | Other | 150 | 1.1% | 150 | 1.0% | 145 | 1.0% | 140 | 0.9% | 138 | 0.9% |
| | Subtotal | 14,272 | 11.8% | 14,536 | 11.7% | 14,837 | 11.8% | 15,096 | 11.7% | 15,513 | 11.7% |
| Child (<12 years old at year end) | Perinatal | 133 | 88.7% | 127 | 84.1% | 121 | 82.9% | 111 | 84.1% | 99 | 85.3% |
| | Unknown risk | 16 | 10.7% | 23 | 15.2% | 24 | 16.4% | 20 | 15.2% | 15 | 12.9% |
| | Other | 1 | 0.0% | 1 | 0.0% | 1 | 0.0% | 1 | 0.0% | 2 | 1.7% |
| | Subtotal | 150 | 0.1% | 151 | 0.1% | 146 | 0.1% | 132 | 0.1% | 116 | 0.1% |
| | Total | 121,386 | | 124,002 | | 126,095 | | 128,783 | | 132,405 | |

Note: Transmission category classified by sex-at-birth. High-risk heterosexual contact (HRH): heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk of HIV (e.g., MSM, IDU). Heterosexual contact (non-high-risk, Non-HRH): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified.

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Table 2c. Persons living with diagnosed HIV infection, by year and current local health jurisdiction, 2012–2016 — California

| County of current residence | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|-----------------------------|----------------|-------|--------------|----------------|-------|--------------|----------------|-------|--------------|----------------|-------|--------------|----------------|-------|--------------|
| | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate |
| Alameda | 5,718 | 4.7% | 367.8 | 5,866 | 4.7% | 372.3 | 6,041 | 4.8% | 377.6 | 6,191 | 4.8% | 382.2 | 6,333 | 4.8% | 386.7 |
| Alpine | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.0% | 87.1 |
| Amador | 57 | 0.0% | 151.0 | 53 | 0.0% | 141.0 | 49 | 0.0% | 130.9 | 48 | 0.0% | 128.6 | 196 | 0.1% | 527.0 |
| Butte | 219 | 0.2% | 98.7 | 222 | 0.2% | 99.9 | 231 | 0.2% | 103.2 | 229 | 0.2% | 102.1 | 264 | 0.2% | 117.3 |
| Calaveras | 28 | 0.0% | 61.8 | 31 | 0.0% | 68.7 | 34 | 0.0% | 75.5 | 39 | 0.0% | 86.9 | 45 | 0.0% | 100.5 |
| Colusa | 4 | 0.0% | 18.4 | 4 | 0.0% | 18.2 | 4 | 0.0% | 18.1 | 4 | 0.0% | 18.0 | 5 | 0.0% | 22.3 |
| Contra Costa | 2,161 | 1.8% | 200.9 | 2,248 | 1.8% | 206.3 | 2,302 | 1.8% | 208.7 | 2,352 | 1.8% | 210.6 | 2,590 | 2.0% | 229.2 |
| Del Norte | 21 | 0.0% | 75.0 | 19 | 0.0% | 69.0 | 17 | 0.0% | 62.4 | 20 | 0.0% | 73.7 | 22 | 0.0% | 81.4 |
| El Dorado | 163 | 0.1% | 90.0 | 161 | 0.1% | 88.3 | 164 | 0.1% | 89.8 | 166 | 0.1% | 90.6 | 192 | 0.1% | 104.2 |
| Fresno | 1,573 | 1.3% | 165.5 | 1,662 | 1.3% | 173.2 | 1,731 | 1.4% | 178.6 | 1,787 | 1.4% | 182.5 | 1,891 | 1.4% | 191.2 |
| Glenn | 12 | 0.0% | 42.1 | 12 | 0.0% | 41.8 | 12 | 0.0% | 41.6 | 13 | 0.0% | 44.9 | 18 | 0.0% | 61.9 |
| Humboldt | 179 | 0.1% | 132.7 | 181 | 0.1% | 134.2 | 188 | 0.1% | 139.5 | 219 | 0.2% | 162.1 | 238 | 0.2% | 174.9 |
| Imperial | 241 | 0.2% | 134.3 | 248 | 0.2% | 137.5 | 259 | 0.2% | 141.4 | 270 | 0.2% | 145.7 | 288 | 0.2% | 153.9 |
| Inyo | 14 | 0.0% | 75.4 | 13 | 0.0% | 69.9 | 18 | 0.0% | 96.6 | 17 | 0.0% | 91.2 | 25 | 0.0% | 134.1 |
| Kern | 1,572 | 1.3% | 183.2 | 1,540 | 1.2% | 177.3 | 1,588 | 1.3% | 181.1 | 1,651 | 1.3% | 186.9 | 1,607 | 1.2% | 180.8 |
| Kings | 160 | 0.1% | 106.7 | 169 | 0.1% | 112.5 | 166 | 0.1% | 111.1 | 166 | 0.1% | 110.9 | 172 | 0.1% | 115.1 |
| Lake | 91 | 0.1% | 140.3 | 95 | 0.1% | 146.6 | 101 | 0.1% | 154.9 | 136 | 0.1% | 208.7 | 147 | 0.1% | 225.7 |
| Lassen | 26 | 0.0% | 78.8 | 23 | 0.0% | 71.2 | 22 | 0.0% | 69.1 | 25 | 0.0% | 80.7 | 24 | 0.0% | 78.3 |
| Los Angeles | 47,650 | 39.3% | 477.1 | 49,259 | 39.7% | 489.9 | 50,550 | 40.1% | 499.3 | 51,013 | 39.6% | 500.8 | 50,700 | 38.3% | 495.6 |
| Madera | 162 | 0.1% | 107.4 | 154 | 0.1% | 101.2 | 180 | 0.1% | 116.7 | 179 | 0.1% | 115.5 | 188 | 0.1% | 120.8 |
| Marin | 782 | 0.6% | 305.7 | 794 | 0.6% | 307.1 | 903 | 0.7% | 345.9 | 863 | 0.7% | 329.3 | 863 | 0.7% | 327.8 |
| Mariposa | 21 | 0.0% | 115.2 | 19 | 0.0% | 104.7 | 18 | 0.0% | 99.3 | 19 | 0.0% | 105.0 | 20 | 0.0% | 110.8 |
| Mendocino | 172 | 0.1% | 195.5 | 169 | 0.1% | 191.9 | 180 | 0.1% | 203.3 | 176 | 0.1% | 199.0 | 182 | 0.1% | 204.5 |
| Merced | 178 | 0.1% | 67.7 | 180 | 0.1% | 68.0 | 186 | 0.1% | 69.5 | 204 | 0.2% | 75.6 | 267 | 0.2% | 97.9 |
| Modoc | 1 | 0.0% | 10.4 | 1 | 0.0% | 10.4 | 2 | 0.0% | 20.9 | 2 | 0.0% | 21.0 | 2 | 0.0% | 21.1 |
| Mono | 6 | 0.0% | 42.5 | 3 | 0.0% | 21.6 | 2 | 0.0% | 14.4 | 5 | 0.0% | 36.2 | 7 | 0.0% | 50.8 |
| Monterey | 632 | 0.5% | 149.1 | 642 | 0.5% | 150.5 | 669 | 0.5% | 155.7 | 669 | 0.5% | 153.4 | 698 | 0.5% | 158.2 |
| Napa | 181 | 0.1% | 130.5 | 183 | 0.1% | 131.4 | 194 | 0.2% | 137.9 | 242 | 0.2% | 171.0 | 267 | 0.2% | 187.7 |
| Nevada | 74 | 0.1% | 75.5 | 79 | 0.1% | 80.8 | 82 | 0.1% | 83.4 | 90 | 0.1% | 91.7 | 118 | 0.1% | 119.7 |
| Orange | 6,927 | 5.7% | 224.6 | 6,968 | 5.6% | 224.0 | 7,112 | 5.6% | 226.7 | 7,232 | 5.6% | 228.8 | 7,245 | 5.5% | 227.7 |
| Placer | 223 | 0.2% | 62.0 | 230 | 0.2% | 63.1 | 239 | 0.2% | 64.9 | 237 | 0.2% | 63.9 | 330 | 0.2% | 87.7 |
| Plumas | 8 | 0.0% | 40.2 | 8 | 0.0% | 40.5 | 8 | 0.0% | 40.6 | 13 | 0.0% | 66.4 | 16 | 0.0% | 82.1 |
| Riverside | 5,522 | 4.5% | 245.1 | 5,733 | 4.6% | 251.8 | 5,957 | 4.7% | 258.3 | 6,661 | 5.2% | 286.0 | 8,096 | 6.1% | 342.9 |
| Sacramento | 3,648 | 3.0% | 252.4 | 3,747 | 3.0% | 257.4 | 3,821 | 3.0% | 259.3 | 3,785 | 2.9% | 254.0 | 4,344 | 3.3% | 288.3 |
| San Benito | 41 | 0.0% | 72.8 | 39 | 0.0% | 68.7 | 38 | 0.0% | 66.5 | 39 | 0.0% | 67.7 | 40 | 0.0% | 68.9 |
| San Bernardino | 3,238 | 2.7% | 155.9 | 3,276 | 2.6% | 156.6 | 3,399 | 2.7% | 160.9 | 3,519 | 2.7% | 165.2 | 4,161 | 3.1% | 193.7 |
| San Diego | 12,420 | 10.2% | 391.2 | 12,574 | 10.1% | 391.8 | 12,872 | 10.2% | 396.2 | 12,951 | 10.1% | 395.4 | 13,725 | 10.4% | 415.8 |
| San Francisco | 14,748 | 12.1% | 1771.3 | 14,653 | 11.8% | 1736.7 | 13,608 | 10.8% | 1593.9 | 14,149 | 11.0% | 1639.3 | 13,400 | 10.1% | 1538.1 |
| San Joaquin | 1,131 | 0.9% | 161.5 | 1,211 | 1.0% | 171.6 | 1,328 | 1.1% | 185.2 | 1,369 | 1.1% | 188.2 | 1,352 | 1.0% | 183.0 |
| San Luis Obispo | 646 | 0.5% | 237.0 | 654 | 0.5% | 239.1 | 605 | 0.5% | 219.1 | 526 | 0.4% | 190.0 | 426 | 0.3% | 152.7 |
| San Mateo | 1,437 | 1.2% | 194.0 | 1,457 | 1.2% | 194.6 | 1,492 | 1.2% | 197.3 | 1,504 | 1.2% | 196.8 | 1,530 | 1.2% | 199.2 |
| Santa Barbara | 560 | 0.5% | 130.1 | 572 | 0.5% | 131.4 | 605 | 0.5% | 137.5 | 613 | 0.5% | 137.8 | 618 | 0.5% | 137.8 |
| Santa Clara | 3,422 | 2.8% | 186.0 | 3,430 | 2.8% | 183.8 | 3,487 | 2.8% | 184.4 | 3,510 | 2.7% | 183.3 | 3,370 | 2.5% | 174.6 |
| Santa Cruz | 445 | 0.4% | 166.2 | 445 | 0.4% | 164.6 | 463 | 0.4% | 170.4 | 501 | 0.4% | 182.4 | 520 | 0.4% | 188.2 |
| Shasta | 204 | 0.2% | 114.6 | 207 | 0.2% | 115.8 | 211 | 0.2% | 117.7 | 203 | 0.2% | 113.5 | 211 | 0.2% | 118.4 |
| Sierra | 1 | 0.0% | 31.2 | 1 | 0.0% | 31.4 | 2 | 0.0% | 63.3 | 4 | 0.0% | 127.1 | 6 | 0.0% | 191.1 |
| Siskiyou | 37 | 0.0% | 82.7 | 37 | 0.0% | 82.9 | 38 | 0.0% | 85.2 | 45 | 0.0% | 101.1 | 60 | 0.0% | 135.2 |
| Solano | 1,137 | 0.9% | 272.4 | 1,159 | 0.9% | 275.5 | 1,200 | 1.0% | 282.1 | 1,273 | 1.0% | 296.6 | 1,327 | 1.0% | 305.7 |
| Sonoma | 1,249 | 1.0% | 255.0 | 1,265 | 1.0% | 255.9 | 1,299 | 1.0% | 260.9 | 1,312 | 1.0% | 261.8 | 1,523 | 1.2% | 302.2 |
| Stanislaus | 556 | 0.5% | 106.2 | 561 | 0.5% | 106.3 | 602 | 0.5% | 113.2 | 636 | 0.5% | 118.1 | 707 | 0.5% | 129.7 |
| Sutter | 76 | 0.1% | 79.1 | 79 | 0.1% | 81.8 | 79 | 0.1% | 81.4 | 77 | 0.1% | 78.9 | 85 | 0.1% | 86.6 |
| Tehama | 41 | 0.0% | 64.4 | 42 | 0.0% | 65.9 | 39 | 0.0% | 61.1 | 37 | 0.0% | 57.8 | 47 | 0.0% | 73.3 |
| Trinity | 13 | 0.0% | 94.9 | 14 | 0.0% | 102.4 | 15 | 0.0% | 110.2 | 16 | 0.0% | 118.0 | 18 | 0.0% | 133.5 |
| Tulare | 292 | 0.2% | 64.6 | 310 | 0.2% | 68.0 | 332 | 0.3% | 72.2 | 368 | 0.3% | 79.4 | 429 | 0.3% | 91.6 |
| Tuolumne | 38 | 0.0% | 69.0 | 36 | 0.0% | 65.6 | 38 | 0.0% | 69.5 | 39 | 0.0% | 71.5 | 44 | 0.0% | 81.1 |
| Ventura | 947 | 0.8% | 113.2 | 970 | 0.8% | 115.1 | 1,004 | 0.8% | 118.4 | 1,045 | 0.8% | 122.7 | 1,033 | 0.8% | 120.9 |
| Yolo | 222 | 0.2% | 108.1 | 232 | 0.2% | 111.4 | 245 | 0.2% | 116.8 | 257 | 0.2% | 120.8 | 282 | 0.2% | 130.0 |
| Yuba | 59 | 0.0% | 80.0 | 62 | 0.0% | 83.4 | 64 | 0.1% | 85.4 | 67 | 0.1% | 88.6 | 90 | 0.1% | 118.2 |
| Total | 121,386 | | 319.1 | 124,002 | | 323.1 | 126,095 | | 325.5 | 128,783 | | 329.7 | 132,405 | | 336.4 |
| Berkeley city | 441 | 0.4% | 382.1 | 455 | 0.4% | 388.7 | 479 | 0.4% | 403.4 | 495 | 0.4% | 410.4 | 503 | 0.4% | 414.9 |
| Long Beach city | 4,601 | 3.8% | 983.5 | 4,668 | 3.8% | 995.0 | 4,677 | 3.7% | 994.2 | 4,674 | 3.6% | 991.4 | 4,581 | 3.5% | 974.4 |
| Pasadena city | 563 | 0.5% | 406.9 | 588 | 0.5% | 421.1 | 604 | 0.5% | 431.7 | 597 | 0.5% | 422.1 | 582 | 0.4% | 409.7 |

Note: Rates are per 100,000 population. Numbers for the city health jurisdictions of Berkeley, Long Beach and Pasadena are subsets of the numbers for the counties in which they are located (numbers on Alameda, and Los Angeles counties (above) include the respective city LHJ numbers). All counts are based on the availability of resident county in the database at the end of evaluation year.

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Table 2d. Continuum of HIV care for persons living with diagnosed HIV infection, 2016 — California

| Jurisdiction of residence (by name) | No. people living and diagnosed with HIV | | In care | | Virally suppressed | |
|--|--|---|---------------|--------------|--------------------|--------------|
| | N | % | N | % | N | % |
| 2021 California Integrated Plan Objective | | | | 90.0% | | 80.0% |
| California | 132,405 | | 96,860 | 73.2% | 82,863 | 62.6% |
| Alameda | 6,333 | | 5,011 | 79.1% | 4,377 | 69.1% |
| Alpine | 1 | | 1 | 100.0% | 1 | 100.0% |
| Amador | 196 | | 187 | 95.4% | 179 | 91.3% |
| Berkeley | 503 | | 407 | 80.9% | 368 | 73.2% |
| Butte | 264 | | 219 | 83.0% | 199 | 75.4% |
| Calaveras | 45 | | 36 | 80.0% | 25 | 55.6% |
| Colusa | 5 | | 4 | 80.0% | 4 | 80.0% |
| Contra Costa | 2,590 | | 2,129 | 82.2% | 1,886 | 72.8% |
| Del Norte | 22 | | 17 | 77.3% | 17 | 77.3% |
| El Dorado | 192 | | 156 | 81.3% | 141 | 73.4% |
| Fresno | 1,891 | | 1,488 | 78.7% | 1,213 | 64.1% |
| Glenn | 18 | | 16 | 88.9% | 15 | 83.3% |
| Humboldt | 238 | | 183 | 76.9% | 159 | 66.8% |
| Imperial | 288 | | 179 | 62.2% | 151 | 52.4% |
| Inyo | 25 | | 18 | 72.0% | 16 | 64.0% |
| Kern | 1,607 | | 915 | 56.9% | 706 | 43.9% |
| Kings | 172 | | 111 | 64.5% | 100 | 58.1% |
| Lake | 147 | | 131 | 89.1% | 118 | 80.3% |
| Lassen | 24 | | 14 | 58.3% | 14 | 58.3% |
| Long Beach | 4,581 | | 3,220 | 70.3% | 2,775 | 60.6% |
| Los Angeles | 50,700 | | 35,351 | 69.7% | 30,358 | 59.9% |
| Madera | 188 | | 132 | 70.2% | 108 | 57.4% |
| Marin | 863 | | 642 | 74.4% | 591 | 68.5% |
| Mariposa | 20 | | 18 | 90.0% | 14 | 70.0% |
| Mendocino | 182 | | 146 | 80.2% | 131 | 72.0% |
| Merced | 267 | | 214 | 80.1% | 164 | 61.4% |
| Modoc | 2 | | 2 | 100.0% | 2 | 100.0% |
| Mono | 7 | | 6 | 85.7% | 6 | 85.7% |
| Monterey | 698 | | 513 | 73.5% | 428 | 61.3% |
| Napa | 267 | | 214 | 80.1% | 195 | 73.0% |
| Nevada | 118 | | 100 | 84.7% | 79 | 66.9% |
| Orange | 7,245 | | 4,830 | 66.7% | 4,214 | 58.2% |
| Pasadena | 582 | | 450 | 77.3% | 400 | 68.7% |
| Placer | 330 | | 284 | 86.1% | 257 | 77.9% |
| Plumas | 16 | | 14 | 87.5% | 11 | 68.8% |
| Riverside | 8,096 | | 6,605 | 81.6% | 5,724 | 70.7% |
| Sacramento | 4,344 | | 3,510 | 80.8% | 2,977 | 68.5% |
| San Benito | 40 | | 25 | 62.5% | 23 | 57.5% |
| San Bernardino | 4,161 | | 2,799 | 67.3% | 2,136 | 51.3% |
| San Diego | 13,725 | | 9,450 | 68.9% | 7,754 | 56.5% |
| San Francisco | 13,400 | | 10,934 | 81.6% | 9,872 | 73.7% |
| San Joaquin | 1,352 | | 962 | 71.2% | 684 | 50.6% |
| San Luis Obispo | 426 | | 246 | 57.7% | 126 | 29.6% |
| San Mateo | 1,530 | | 1,123 | 73.4% | 873 | 57.1% |
| Santa Barbara | 618 | | 456 | 73.8% | 400 | 64.7% |

Table 2d. Continuum of HIV care for persons living with diagnosed HIV infection, 2016 — California (continued)

| Jurisdiction of residence (by name) | No. people living and diagnosed with HIV | | In care | | Virally suppressed | |
|-------------------------------------|--|---|---------|--------|--------------------|--------|
| | N | % | N | % | N | % |
| Santa Clara | 3,370 | | 2,428 | 72.0% | 2,044 | 60.7% |
| Santa Cruz | 520 | | 422 | 81.2% | 338 | 65.0% |
| Shasta | 211 | | 173 | 82.0% | 148 | 70.1% |
| Sierra | 6 | | 6 | 100.0% | 6 | 100.0% |
| Siskiyou | 60 | | 52 | 86.7% | 43 | 71.7% |
| Solano | 1,327 | | 1,012 | 76.3% | 903 | 68.0% |
| Sonoma | 1,523 | | 1,279 | 84.0% | 1,175 | 77.2% |
| Stanislaus | 707 | | 567 | 80.2% | 465 | 65.8% |
| Sutter | 85 | | 63 | 74.1% | 51 | 60.0% |
| Tehama | 47 | | 39 | 83.0% | 32 | 68.1% |
| Trinity | 18 | | 13 | 72.2% | 13 | 72.2% |
| Tulare | 429 | | 321 | 74.8% | 253 | 59.0% |
| Tuolumne | 44 | | 29 | 65.9% | 23 | 52.3% |
| Ventura | 1,033 | | 766 | 74.2% | 674 | 65.2% |
| Yolo | 282 | | 223 | 79.1% | 187 | 66.3% |
| Yuba | 90 | | 76 | 84.4% | 60 | 66.7% |

Note: Data from city local health jurisdictions Berkeley, Pasadena, and Long Beach are reported as a subset of their respective counties. Persons who had at least one CD4, viral load, or HIV-1 genotype test during the calendar year were considered to be in care. Persons whose most recent HIV viral load test result during the calendar year was \leq 200 copies/ml were considered to be virally suppressed.

Table 3a. Deaths among persons with diagnosed HIV infection, by year and selected demographic characteristics, 2012–2016 — California

| Characteristic | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | | |
|--------------------------------|--|-------|------------|--------------|-------|------------|--------------|-------|------------|--------------|-------|------------|--------------|-------|------------|-------|
| | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | |
| Age at death (in years) | 0 to 11 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| | 12 to 14 | 1 | 0.1% | 0.1 | 0 | 0.0% | 0.0 | 1 | 0.1% | 0.1 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| | 15 to 17 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| | 18 to 19 | 1 | 0.1% | 0.1 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| | 20 to 24 | 11 | 0.7% | 0.4 | 8 | 0.5% | 0.3 | 10 | 0.6% | 0.3 | 11 | 0.6% | 0.4 | 10 | 0.6% | 0.3 |
| | 25 to 29 | 28 | 1.7% | 1.1 | 48 | 2.8% | 1.8 | 27 | 1.5% | 1.1 | 27 | 1.5% | 1.1 | 42 | 2.4% | 1.7 |
| | 30 to 34 | 61 | 3.6% | 2.3 | 59 | 3.4% | 2.2 | 50 | 2.9% | 1.8 | 70 | 3.9% | 2.5 | 63 | 3.7% | 2.3 |
| | 35 to 39 | 97 | 5.8% | 3.9 | 83 | 4.8% | 3.3 | 78 | 4.5% | 3.1 | 91 | 5.1% | 3.5 | 103 | 6.0% | 3.9 |
| | 40 to 44 | 157 | 9.3% | 5.9 | 140 | 8.1% | 5.3 | 130 | 7.4% | 5.0 | 136 | 7.6% | 5.3 | 92 | 5.4% | 3.6 |
| | 45 to 49 | 253 | 15.0% | 9.7 | 272 | 15.8% | 10.5 | 254 | 14.5% | 9.8 | 200 | 11.2% | 7.7 | 195 | 11.4% | 7.4 |
| | 50 to 54 | 340 | 20.2% | 13.0 | 294 | 17.1% | 11.1 | 328 | 18.8% | 12.4 | 317 | 17.8% | 12.0 | 288 | 16.8% | 11.0 |
| | 55 to 59 | 266 | 15.8% | 11.3 | 297 | 17.3% | 12.3 | 305 | 17.4% | 12.4 | 345 | 19.4% | 13.8 | 313 | 18.2% | 12.3 |
| | 60 to 64 | 213 | 12.7% | 10.8 | 222 | 12.9% | 11.0 | 257 | 14.7% | 12.4 | 237 | 13.3% | 11.0 | 257 | 15.0% | 11.6 |
| | 65 to 74 | 195 | 11.6% | 7.6 | 215 | 12.5% | 7.9 | 239 | 13.7% | 8.3 | 260 | 14.6% | 8.6 | 261 | 15.2% | 8.3 |
| ≥ 75 | 60 | 3.6% | 2.9 | 82 | 4.8% | 3.9 | 69 | 3.9% | 3.2 | 86 | 4.8% | 3.8 | 94 | 5.5% | 4.1 | |
| Race/ethnicity | Hispanic/Latino | 424 | 25.2% | 2.9 | 447 | 26.0% | 3.0 | 465 | 26.6% | 3.1 | 452 | 25.4% | 3.0 | 418 | 24.3% | 2.7 |
| | American Indian/Alaska Native | 3 | 0.2% | 1.8 | 9 | 0.5% | 5.5 | 3 | 0.2% | 1.8 | 4 | 0.2% | 2.4 | 4 | 0.2% | 2.4 |
| | Asian | 24 | 1.4% | 0.5 | 21 | 1.2% | 0.4 | 26 | 1.5% | 0.5 | 37 | 2.1% | 0.7 | 30 | 1.7% | 0.6 |
| | Black/African American | 352 | 20.9% | 15.9 | 358 | 20.8% | 16.1 | 369 | 21.1% | 16.5 | 404 | 22.7% | 18.0 | 406 | 23.6% | 18.0 |
| | Native Hawaiian/Other Pacific Islander | 1 | 0.1% | 0.8 | 4 | 0.2% | 3.0 | 0 | 0.0% | 0.0 | 3 | 0.2% | 2.3 | 2 | 0.1% | 1.5 |
| | White | 797 | 47.4% | 5.3 | 788 | 45.8% | 5.2 | 791 | 45.3% | 5.2 | 785 | 44.1% | 5.2 | 761 | 44.3% | 5.0 |
| | Multiple races | 82 | 4.9% | 8.4 | 93 | 5.4% | 9.2 | 94 | 5.4% | 9.0 | 95 | 5.3% | 8.8 | 97 | 5.6% | 8.7 |
| | Gender | Male | 1,420 | 84.4% | 7.5 | 1,471 | 85.5% | 7.7 | 1,502 | 85.9% | 7.8 | 1,539 | 86.5% | 7.9 | 1,464 | 85.2% |
| Female | 241 | 14.3% | 1.3 | 225 | 13.1% | 1.2 | 223 | 12.8% | 1.1 | 217 | 12.2% | 1.1 | 224 | 13.0% | 1.1 | |
| Transgender: Male-to-Female | 22 | 1.3% | - | 23 | 1.3% | - | 23 | 1.3% | - | 22 | 1.2% | - | 30 | 1.7% | - | |
| Transgender: Female-to-Male | 0 | 0.00% | - | 1 | 0.06% | - | 0 | 0.0% | - | 1 | 0.1% | - | 0 | 0.0% | - | |
| Alternative Gender Identity | 0 | 0.00% | - | 0 | 0.00% | - | 0 | 0.0% | - | 1 | 0.1% | - | 0 | 0.0% | - | |
| Total | 1,683 | | 4.4 | 1,720 | | 4.5 | 1,748 | | 4.5 | 1,780 | | 4.6 | 1,718 | | 4.4 | |

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated.

Table 3b. Deaths among persons with diagnosed HIV infection, by year and transmission category, 2012–2016 — California

| Demographic group | Transmission category | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | |
|---|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | N | % | N | % | N | % | N | % | N | % |
| Male adult or adolescent (≥12 years old at death) | Male-to-male sexual contact (MSM) | 897 | 62.2% | 958 | 64.1% | 981 | 64.3% | 965 | 61.8% | 925 | 61.9% |
| | Injection drug use (IDU) | 164 | 11.4% | 167 | 11.2% | 143 | 9.4% | 159 | 10.2% | 143 | 9.6% |
| | MSM and IDU | 206 | 14.3% | 203 | 13.6% | 234 | 15.3% | 244 | 15.6% | 214 | 14.3% |
| | High-risk heterosexual contact (HRH) | 46 | 3.2% | 52 | 3.5% | 48 | 3.1% | 60 | 3.8% | 53 | 3.5% |
| | Heterosexual contact (Non-HRH) | 42 | 2.9% | 52 | 3.5% | 46 | 3.0% | 48 | 3.1% | 61 | 4.1% |
| | Perinatal | 5 | 0.3% | 2 | 0.1% | 2 | 0.1% | 2 | 0.1% | 5 | 0.3% |
| | Unknown risk | 75 | 5.2% | 54 | 3.6% | 67 | 4.4% | 75 | 4.8% | 88 | 5.9% |
| | Other | 7 | 0.5% | 6 | 0.4% | 4 | 0.3% | 9 | 0.6% | 5 | 0.3% |
| | Subtotal | 1,442 | 85.7% | 1,494 | 86.9% | 1,525 | 87.2% | 1,562 | 87.8% | 1,494 | 87.0% |
| Female adult or adolescent (≥12 years old at death) | Injection drug use | 91 | 37.8% | 108 | 47.8% | 95 | 42.6% | 95 | 43.6% | 75 | 33.5% |
| | High-risk heterosexual contact (HRH) | 89 | 36.9% | 79 | 35.0% | 85 | 38.1% | 75 | 34.4% | 95 | 42.4% |
| | Heterosexual contact (Non-HRH) | 37 | 15.4% | 26 | 11.5% | 26 | 11.7% | 30 | 13.8% | 34 | 15.2% |
| | Perinatal | 3 | 1.2% | 0 | 0.0% | 0 | 0.0% | 2 | 0.9% | 2 | 0.9% |
| | Unknown risk | 19 | 7.9% | 13 | 5.8% | 16 | 7.2% | 13 | 6.0% | 16 | 7.1% |
| | Other | 2 | 0.8% | 0 | 0.0% | 1 | 0.4% | 3 | 1.4% | 2 | 0.9% |
| | Subtotal | 241 | 14.3% | 226 | 13.1% | 223 | 12.8% | 218 | 12.2% | 224 | 13.0% |
| Child (<12 years old at year end) | Perinatal | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | Unknown risk | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | Other | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | Subtotal | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | Total | 1,683 | | 1,720 | | 1,748 | | 1,780 | | 1,718 | |

Note: Transmission category classified by sex-at-birth. High-risk heterosexual contact (HRH): heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk of HIV (e.g., MSM, IDU). Heterosexual contact (non-high-risk, Non-HRH): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified.

Table 3c. Deaths among persons with diagnosed HIV infection, by year and local health jurisdiction of residence, 2012–2016 — California

| County of residence at death | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|------------------------------|--------------|-------|------------|--------------|-------|------------|--------------|-------|------------|--------------|-------|------------|--------------|-------|------------|
| | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate | N | % | Rate |
| Alameda | 75 | 4.5% | 4.8 | 93 | 5.4% | 5.9 | 77 | 4.4% | 4.8 | 82 | 4.6% | 5.1 | 74 | 4.3% | 4.5 |
| Alpine | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Amador | 1 | 0.1% | 2.6 | 2 | 0.1% | 5.3 | 1 | 0.1% | 2.7 | 2 | 0.1% | 5.4 | 2 | 0.1% | 5.4 |
| Butte | 8 | 0.5% | 3.6 | 5 | 0.3% | 2.2 | 8 | 0.5% | 3.6 | 9 | 0.5% | 4.0 | 12 | 0.7% | 5.3 |
| Calaveras | 0 | 0.0% | 0.0 | 1 | 0.1% | 2.2 | 1 | 0.1% | 2.2 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Colusa | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.1% | 4.5 |
| Contra Costa | 26 | 1.5% | 2.4 | 21 | 1.2% | 1.9 | 22 | 1.3% | 2.0 | 40 | 2.2% | 3.6 | 36 | 2.1% | 3.2 |
| Del Norte | 1 | 0.1% | 3.6 | 1 | 0.1% | 3.6 | 1 | 0.1% | 3.7 | 1 | 0.1% | 3.7 | 1 | 0.1% | 3.7 |
| El Dorado | 0 | 0.0% | 0.0 | 4 | 0.2% | 2.2 | 2 | 0.1% | 1.1 | 2 | 0.1% | 1.1 | 2 | 0.1% | 1.1 |
| Fresno | 28 | 1.7% | 2.9 | 40 | 2.3% | 4.2 | 34 | 1.9% | 3.5 | 35 | 2.0% | 3.6 | 39 | 2.3% | 3.9 |
| Glenn | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 2 | 0.1% | 6.9 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Humboldt | 5 | 0.3% | 3.7 | 6 | 0.3% | 4.4 | 2 | 0.1% | 1.5 | 9 | 0.5% | 6.7 | 7 | 0.4% | 5.1 |
| Imperial | 2 | 0.1% | 1.1 | 5 | 0.3% | 2.8 | 7 | 0.4% | 3.8 | 1 | 0.1% | 0.5 | 3 | 0.2% | 1.6 |
| Inyo | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.1% | 5.4 | 0 | 0.0% | 0.0 |
| Kern | 25 | 1.5% | 2.9 | 28 | 1.6% | 3.2 | 24 | 1.4% | 2.7 | 23 | 1.3% | 2.6 | 27 | 1.6% | 3.0 |
| Kings | 1 | 0.1% | 0.7 | 0 | 0.0% | 0.0 | 2 | 0.1% | 1.3 | 0 | 0.0% | 0.0 | 1 | 0.1% | 0.7 |
| Lake | 7 | 0.4% | 10.8 | 0 | 0.0% | 0.0 | 3 | 0.2% | 4.6 | 1 | 0.1% | 1.5 | 6 | 0.3% | 9.2 |
| Lassen | 1 | 0.1% | 3.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Los Angeles | 589 | 35.0% | 5.9 | 635 | 36.9% | 6.3 | 664 | 38.0% | 6.6 | 689 | 38.7% | 6.8 | 591 | 34.4% | 5.8 |
| Madera | 3 | 0.2% | 2.0 | 7 | 0.4% | 4.6 | 2 | 0.1% | 1.3 | 0 | 0.0% | 0.0 | 3 | 0.2% | 1.9 |
| Marin | 15 | 0.9% | 5.9 | 7 | 0.4% | 2.7 | 10 | 0.6% | 3.8 | 17 | 1.0% | 6.5 | 12 | 0.7% | 4.6 |
| Mariposa | 0 | 0.0% | 0.0 | 2 | 0.1% | 11.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.1% | 5.5 |
| Mendocino | 3 | 0.2% | 3.4 | 2 | 0.1% | 2.3 | 3 | 0.2% | 3.4 | 0 | 0.0% | 0.0 | 4 | 0.2% | 4.5 |
| Merced | 4 | 0.2% | 1.5 | 2 | 0.1% | 0.8 | 8 | 0.5% | 3.0 | 4 | 0.2% | 1.5 | 9 | 0.5% | 3.3 |
| Modoc | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Mono | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Monterey | 15 | 0.9% | 3.5 | 8 | 0.5% | 1.9 | 7 | 0.4% | 1.6 | 10 | 0.6% | 2.3 | 10 | 0.6% | 2.3 |
| Napa | 3 | 0.2% | 2.2 | 4 | 0.2% | 2.9 | 2 | 0.1% | 1.4 | 4 | 0.2% | 2.8 | 4 | 0.2% | 2.8 |
| Nevada | 2 | 0.1% | 2.0 | 1 | 0.1% | 1.0 | 2 | 0.1% | 2.0 | 2 | 0.1% | 2.0 | 2 | 0.1% | 2.0 |
| Orange | 86 | 5.1% | 2.8 | 71 | 4.1% | 2.3 | 75 | 4.3% | 2.4 | 84 | 4.7% | 2.7 | 73 | 4.2% | 2.3 |
| Placer | 3 | 0.2% | 0.8 | 3 | 0.2% | 0.8 | 6 | 0.3% | 1.6 | 6 | 0.3% | 1.6 | 7 | 0.4% | 1.9 |
| Plumas | 0 | 0.0% | 0.0 | 1 | 0.1% | 5.1 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Riverside | 106 | 6.3% | 4.7 | 99 | 5.8% | 4.3 | 112 | 6.4% | 4.9 | 111 | 6.2% | 4.8 | 121 | 7.0% | 5.1 |
| Sacramento | 61 | 3.6% | 4.2 | 52 | 3.0% | 3.6 | 62 | 3.5% | 4.2 | 47 | 2.6% | 3.2 | 84 | 4.9% | 5.6 |
| San Benito | 2 | 0.1% | 3.6 | 2 | 0.1% | 3.5 | 0 | 0.0% | 0.0 | 1 | 0.1% | 1.7 | 2 | 0.1% | 3.4 |
| San Bernardino | 59 | 3.5% | 2.8 | 61 | 3.5% | 2.9 | 72 | 4.1% | 3.4 | 61 | 3.4% | 2.9 | 55 | 3.2% | 2.6 |
| San Diego | 135 | 8.0% | 4.3 | 147 | 8.5% | 4.6 | 119 | 6.8% | 3.7 | 126 | 7.1% | 3.8 | 136 | 7.9% | 4.1 |
| San Francisco | 215 | 12.8% | 25.8 | 220 | 12.8% | 26.1 | 185 | 10.6% | 21.7 | 217 | 12.2% | 25.1 | 180 | 10.5% | 20.7 |
| San Joaquin | 29 | 1.7% | 4.1 | 28 | 1.6% | 4.0 | 32 | 1.8% | 4.5 | 32 | 1.8% | 4.4 | 29 | 1.7% | 3.9 |
| San Luis Obispo | 8 | 0.5% | 2.9 | 10 | 0.6% | 3.7 | 9 | 0.5% | 3.3 | 6 | 0.3% | 2.2 | 4 | 0.2% | 1.4 |
| San Mateo | 15 | 0.9% | 2.0 | 12 | 0.7% | 1.6 | 20 | 1.1% | 2.6 | 14 | 0.8% | 1.8 | 16 | 0.9% | 2.1 |
| Santa Barbara | 13 | 0.8% | 3.0 | 8 | 0.5% | 1.8 | 11 | 0.6% | 2.5 | 5 | 0.3% | 1.1 | 8 | 0.5% | 1.8 |
| Santa Clara | 35 | 2.1% | 1.9 | 41 | 2.4% | 2.2 | 41 | 2.3% | 2.2 | 46 | 2.6% | 2.4 | 36 | 2.1% | 1.9 |
| Santa Cruz | 11 | 0.7% | 4.1 | 5 | 0.3% | 1.8 | 6 | 0.3% | 2.2 | 3 | 0.2% | 1.1 | 6 | 0.3% | 2.2 |
| Shasta | 5 | 0.3% | 2.8 | 6 | 0.3% | 3.4 | 7 | 0.4% | 3.9 | 6 | 0.3% | 3.4 | 6 | 0.3% | 3.4 |
| Sierra | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Siskiyou | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 1 | 0.1% | 2.2 | 0 | 0.0% | 0.0 | 1 | 0.1% | 2.3 |
| Solano | 20 | 1.2% | 4.8 | 21 | 1.2% | 5.0 | 29 | 1.7% | 6.8 | 12 | 0.7% | 2.8 | 23 | 1.3% | 5.3 |
| Sonoma | 14 | 0.8% | 2.9 | 12 | 0.7% | 2.4 | 25 | 1.4% | 5.0 | 22 | 1.2% | 4.4 | 17 | 1.0% | 3.4 |
| Stanislaus | 15 | 0.9% | 2.9 | 17 | 1.0% | 3.2 | 18 | 1.0% | 3.4 | 15 | 0.8% | 2.8 | 18 | 1.0% | 3.3 |
| Sutter | 1 | 0.1% | 1.0 | 0 | 0.0% | 0.0 | 2 | 0.1% | 2.1 | 2 | 0.1% | 2.0 | 3 | 0.2% | 3.1 |
| Tehama | 0 | 0.0% | 0.0 | 1 | 0.1% | 1.6 | 1 | 0.1% | 1.6 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Trinity | 1 | 0.1% | 7.3 | 1 | 0.1% | 7.3 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Tulare | 6 | 0.4% | 1.3 | 8 | 0.5% | 1.8 | 8 | 0.5% | 1.7 | 11 | 0.6% | 2.4 | 17 | 1.0% | 3.6 |
| Tuolumne | 2 | 0.1% | 3.6 | 3 | 0.2% | 5.5 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 | 0 | 0.0% | 0.0 |
| Ventura | 23 | 1.4% | 2.7 | 10 | 0.6% | 1.2 | 20 | 1.1% | 2.4 | 15 | 0.8% | 1.8 | 24 | 1.4% | 2.8 |
| Yolo | 3 | 0.2% | 1.5 | 5 | 0.3% | 2.4 | 2 | 0.1% | 1.0 | 4 | 0.2% | 1.9 | 3 | 0.2% | 1.4 |
| Yuba | 1 | 0.1% | 1.4 | 2 | 0.1% | 2.7 | 1 | 0.1% | 1.3 | 2 | 0.1% | 2.6 | 2 | 0.1% | 2.6 |
| Total | 1,683 | | 4.4 | 1,720 | | 4.5 | 1,748 | | 4.5 | 1,780 | | 4.6 | 1,718 | | 4.4 |
| Berkeley city | 2 | 0.1% | 1.7 | 9 | 0.5% | 7.7 | 5 | 0.3% | 4.2 | 5 | 0.3% | 4.1 | 7 | 0.4% | 5.8 |
| Long Beach city | 64 | 3.8% | 13.7 | 75 | 4.4% | 16.0 | 63 | 3.6% | 13.4 | 63 | 3.5% | 13.4 | 65 | 3.8% | 13.8 |
| Pasadena city | 10 | 0.6% | 7.2 | 9 | 0.5% | 6.4 | 7 | 0.4% | 5.0 | 12 | 0.7% | 8.5 | 13 | 0.8% | 9.2 |

Note: Rates are per 100,000 population. Numbers for the city health jurisdictions of Berkeley, Long Beach and Pasadena are subsets of the numbers for the counties in which they are located (numbers on Alameda, and Los Angeles counties (above) include the respective city LHJ numbers). All counts are based on the availability of resident county in the database at the time of diagnosis.