

**CDPH INFECTIOUS DISEASES BRANCH (IDB)
YEARLY SUMMARIES OF SELECTED COMMUNICABLE
DISEASES IN CALIFORNIA, 2015–2023**

**Surveillance and Statistics Section
Infectious Diseases Branch
Division of Communicable Disease Control
Center for Infectious Diseases
California Department of Public Health**



**Gavin Newsom
Governor
State of California**

An [accessible Excel data file of the 2015-2023 Yearly Summaries of Selected Communicable Diseases in California](#) is available for download

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CDPH Infectious Diseases Branch (IDB) Yearly Summaries of Selected Communicable Diseases in California, 2015 – 2023: Technical Notes

Background

The California Department of Public Health (CDPH) Infectious Diseases Branch (IDB) maintains a system for the passive reporting of selected communicable disease cases and outbreaks mandated by state law and regulation.¹ Health care providers and laboratories are required to report known or suspected cases of these communicable diseases to their Local Health Department (LHD). LHDs in turn report these cases to CDPH.

These Technical Notes describe the definitions and methods used to analyze cases of selected communicable diseases reported to CDPH IDB,² as well as limitations to these analyses.

The collection and distribution of information on the health of the community is a core function and essential service of public health. The data in these yearly summaries provide important information on the magnitude and burden of selected communicable diseases in California. These surveillance data can contribute to the identification of risk groups to whom intervention strategies and actions can be targeted, and aid in assessing the effectiveness of these control and prevention measures.

Materials and methods

Case data source

Included in this document--CDPH Infectious Diseases Branch (IDB) Yearly Summaries of Selected Communicable Diseases in California, 2015-2023--are incident cases of communicable diseases that had an estimated illness onset date from January 1, 2015 through December 31, 2023. These data were extracted from California Confidential Morbidity Reports that were submitted to CDPH by June 18, 2024 and entered into the CDPH California Reportable Disease Information Exchange (CalREDIE) system or reported electronically by CalREDIE non-participating LHDs.

Data were quality checked and duplicate case records were removed based on a probabilistic data matching de-duplication algorithm. For diseases that may occur as acute and chronic conditions--such as coccidioidomycosis and brucellosis--only the first report of the condition in a given patient was included based on an evaluation by the de-duplication algorithm of historical as well as recent surveillance data.

Case inclusion criteria

LHDs--and for some diseases also CDPH--reviewed case information to determine whether surveillance case definitions were met.³ Cases were classified as Confirmed, Probable, or Suspect according to established clinical and laboratory criteria. Upon completion of case review, LHDs and/or CDPH designated cases as closed.

Reported cases of the following diseases that met criteria for a Confirmed case were included in this report: cholera, ciguatera fish poisoning (through 2018), coccidioidomycosis, domoic acid poisoning (through 2018), hantavirus infection, legionellosis, leprosy (Hansen's disease), listeriosis (through 2018), plague (human), and rabies (animal and human).

Reported cases of the following diseases that met criteria for a Confirmed or Probable case were included in this report: anaplasmosis, anthrax, babesiosis, botulism (foodborne, wound, and other), brucellosis, campylobacteriosis, chikungunya virus infection, ciguatera fish poisoning (as of 2019), Creutzfeldt-Jakob disease and other transmissible spongiform encephalopathies, cryptosporidiosis,

cyclosporiasis, cysticercosis/taeniasis, dengue, domoic acid poisoning (as of 2019), ehrlichiosis, flavivirus infection of undetermined species, giardiasis, hemolytic uremic syndrome (HUS) without evidence of Shiga toxin-producing *E. coli*, hepatitis E (acute infection), leptospirosis, listeriosis (as of 2019), Lyme disease, malaria, paralytic shellfish poisoning, paratyphoid fever, psittacosis, Q fever, relapsing fever, salmonellosis, scombroid fish poisoning, Shiga toxin-producing *E. coli* (STEC) (with and without HUS), shigellosis (Groups A, B, C, D, and Unspecified), spotted fever rickettsiosis, trichinosis, tularemia, typhoid fever, typhus fever, *Vibrio* infection (non-cholera), yellow fever, yersiniosis, and Zika virus infection.

Reported cases of viral hemorrhagic fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses) that met criteria for a Confirmed or Suspect case were included in this report.

For reported cases of the following diseases, only those closed by CDPH were included in this report: anthrax, botulism (foodborne, wound, and other), brucellosis, chikungunya virus infection, cholera, cysticercosis/taeniasis, dengue, flavivirus infection of undetermined species, hantavirus infection, legionellosis (through 2022), leptospirosis, listeriosis, Lyme disease, malaria, plague (human), psittacosis, Q fever, rabies (animal and human), relapsing fever, spotted fever rickettsiosis, trichinosis, tularemia, typhus fever, *Vibrio* infection, viral hemorrhagic fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses), and yellow fever.

For reported cases of the following diseases, only those closed by CDPH or noted by LHDs as “pending release/clearance” were included in this report: hemolytic uremic syndrome (HUS) without evidence of Shiga toxin-producing *E. coli*, paratyphoid fever, Shiga toxin-producing *E. coli* (STEC) with HUS, Shiga toxin-producing *E. coli* (STEC) without HUS (through 2019), and typhoid fever.

For reported cases of Zika virus infection, only those closed by CDPH or noted by LHDs as “Closed to Surveillance - Open to Tracking” were included in this report.

For reported cases of the following diseases, only those closed by LHDs (or CDPH) were included in this report: anaplasmosis, babesiosis, campylobacteriosis, ciguatera fish poisoning, coccidioidomycosis, Creutzfeldt-Jakob disease and other transmissible spongiform encephalopathies, cryptosporidiosis, cyclosporiasis, domoic acid poisoning, ehrlichiosis, hepatitis E (acute infection), legionellosis (as of 2022), leprosy (Hansen's disease), paralytic shellfish poisoning, scombroid fish poisoning, and yersiniosis.

For reported cases of the following diseases, only those closed by LHDs (or CDPH) or noted by LHDs as “pending release/clearance” were included in this report: giardiasis, salmonellosis, Shiga toxin-producing *E. coli* (STEC) without HUS (as of 2020), and shigellosis.

For LHDs with surveillance systems that did not indicate cases’ resolution status (Confirmed, Probable, Suspect) or whether cases were closed, all reported cases were included.

Population data source

For the 2015–2023 Summaries, we used State of California, Department of Finance (DOF) postcensal population projections and estimates.^{4, 5, 6, 7}

Definitions

In general, we defined a case as a person with laboratory and/or clinical evidence of infection or disease that satisfied the most recent communicable disease surveillance case definition published by the United States Centers for Disease Control and Prevention (CDC) or by the Council of State and Territorial Epidemiologists.

Estimated date of illness onset was defined as the date closest to the time when symptoms first appeared. For cases for which an illness onset date was not explicitly reported, estimated date of illness onset was selected as the earliest of: date of diagnosis, date the case was reported to or received by CDPH, date of laboratory specimen collection, or date of patient death.

Cases were classified to local health jurisdiction according to the case-patient's county of residence. This classification may not correspond to the county where the case-patient was exposed, sought medical care, or was diagnosed.

Sex categories were defined as Female, Male, and Unknown. Because the number of transgender case-patients was small (0.03% of all cases), case-patients who reported male-to-female transgender were categorized as Female, and those who reported female-to-male transgender were categorized as Male.

Mutually exclusive race/ethnicity categories were defined as follows: Hispanic/Latino (of any, including unknown, race), and non-Hispanic White, Black, Asian/Pacific Islander, American Indian/Alaska Native, Multiple Race, and Other. Cases for which race and ethnicity were not reported were categorized as Unknown.

Data analyses

We reported case totals and incidence rates (IR) stratified by estimated year of illness onset, age group, and local health jurisdiction.

- Incidence rate (IR) = Number of cases per 100,000 population per year
- Standard error (SE) = $IR/\sqrt{\text{number of cases}}$
- Relative standard error = $SE/IR \times 100$

We defined an IR as unstable if the relative standard error was 23 percent or more of the IR estimate (a threshold recommended by the National Center for Health Statistics).⁸

Tables and figures

The following tables and figures are included in this report; please note that the tables and figures may be altered or suppressed to minimize depiction of unreliable IRs and to prevent case-patient re-identification:

Tables:

- *Cases and IRs by health jurisdiction*
- *Cases by month of estimated illness onset*
- *Cases and IRs by sex*
- *Cases and IRs by age group*
- *Cases by race/ethnicity*

Figures:

- *Cases and IRs by year of estimated illness onset*
- *IRs by age group and year of estimated illness onset*
- *Cases and population by race/ethnicity*

Limitations

Completeness and timeliness of reporting

The numbers of cases reported for some diseases may underestimate the true magnitude of disease. Among factors that can contribute to under-reporting are: delays in notification, limited collection or appropriate testing of specimens, obstacles or impediments to ill persons seeking health care, limited resources and competing priorities in LHDs, and inexhaustive reporting by clinicians and laboratories.

The lower numbers of cases in 2020 compared to 2019 for many diseases described in this report may reflect the impact of the Coronavirus Disease 2019 (COVID-19) pandemic, which in the U.S. became more widely spread starting in 2020. For instance, the pandemic may have led to decreased transmission of the infectious diseases included in this report due to the adoption of social distancing and mask-wearing prevention measures, as well as decreased reporting due to lack of care seeking and diagnosis.

Among factors that can enhance efficiency of disease reporting are disease severity, infrequent or rare occurrence of the condition, the availability of new or less expensive diagnostic tests, expansion of criteria that define a case, recent media attention or public interest, and active surveillance activities.

During the nine-year surveillance period (2015–2023), CDC and CDPH IDB conducted active surveillance for selected diseases in Alameda, Contra Costa, and San Francisco counties through the California Emerging Infections Program (CEIP). CEIP conducted active laboratory-based surveillance of campylobacteriosis, cryptosporidiosis, cyclosporiasis, listeriosis, salmonellosis, Shiga toxin-producing *E. coli* (STEC), shigellosis, *Vibrio* infection, yersiniosis, and pediatric hemolytic uremic syndrome.

California is a diverse state, and different communities experience a wide range of factors that can increase or decrease health risks. To better assess health risk and identify health related disparities, CDPH collects demographic information, when available. In addition to general categories of sex, race, and ethnicity defined by national data standards, CDPH also collects data on sexual orientation and gender identity, and more detailed data on ethnicity. Presenting data disaggregated into more detailed groups can illuminate health disparities that may be masked when collapsing data only into general categories. When possible, data reports issued by the Center for Infectious Diseases (CID) will include disaggregated data. However, due to limitations in the data received by CID, disaggregated data may not always be available for presentation. Reasons that disaggregated data may not be presented include incomplete or missing data and patient data privacy requirements.

Because race/ethnicity information was missing or incomplete for 24 percent of all 2015-2023 cases included in this report, IRs by race/ethnicity were not calculated. However, the proportion of cases representing race/ethnicity categories for selected diseases are presented alongside statewide averages for these categories during the nine-year surveillance period. Nonetheless, race/ethnicity information based on a high percentage of missing data should be interpreted with caution.

Data presented in this report may differ from previously published data due to delays inherent to case reporting, laboratory reporting, and epidemiologic investigation.

Small numbers and rate variability

All IRs are subject to random variation. Random variation may be substantial when the number of cases is small (e.g., less than 20) and can obscure distinguishing random statistical fluctuations from true changes in the incidence of disease. Rates and proportions based on small numbers of cases should be interpreted with caution.

Data were evaluated for potential reidentification due to small numbers based on a scoring criteria developed by the California Department of Health Care Services.⁹ All data that required masking according to the scoring criteria were suppressed.

Rate comparisons

Incidence rate comparisons between local health jurisdictions and surveillance years should be made with caution.

Accessibility

An [accessible Excel data file](#) is available for this report. Accessible data for all selected diseases are grouped into the following tables:

- *Cases and Rates by Year of Estimated Illness Onset, California, 2015-2023*
- *Cases and Rates by Local Health Jurisdiction and Year of Estimated Illness Onset, California, 2015-2023*
- *Cases by Month of Estimated Illness Onset, California, 2015-2023*
- *Cases and Rates by Sex, California, 2015-2023*
- *Cases and Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023*
- *Cases by Race/Ethnicity and Year of Estimated Illness Onset, California, 2015-2023*
- *Average Incidence Rates by Age Group, California, 2015-2023*
- *Cases and Population by Race/Ethnicity, California, 2015-2023*

References

¹ [California Code of Regulations, Title 17, Sections 2500.](#)

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/ReportableDiseases.pdf>

² CDPH IDB assumed responsibility for surveillance of human West Nile Virus (WNV) infection and St. Louis Encephalitis Virus (SLEV) infection in late 2017 and is not including WNV or SLEV data in this report. For [human WNV data from 2003 onward](#), please see

https://westnile.ca.gov/resources_reports.php?report_category_id=1. For [SLEV data from 2017 onward](#), please see <https://westnile.ca.gov/sle.php>.

³ [Centers for Disease Control and Prevention, National Notifiable Diseases Surveillance System.](#)

<https://www.cdc.gov/nndss/index.html>

⁴ State of California, Department of Finance, Demographic Research Unit. Race/Ethnicity by Sex and Single Year of Age: 2010-2019, custom run for California Department of Public Health. Sacramento, California, October 2023. (Available by Request)

⁵ State of California, Department of Finance, Demographic Research Unit. P-3 State and County Population Projections by Race/Ethnicity and Detailed Age, 2020–2060. Sacramento, California, July 2023.

⁶ State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011–2020, with 2010 Census Benchmark. Sacramento, California, May 2022.

⁷ State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2021-2024, with 2020 Census Benchmark. Sacramento, California, May 2024.

⁸ Xu JQ, Murphy SL, Kochanek KD, Bastian B, Arias E. [Deaths: Final data for 2016. National Vital Statistics Reports](#); vol 67 no 5. Hyattsville, MD: National Center for Health Statistics. 2018. https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67_05.pdf

⁹ [Data De-identification Guidelines \(DDG\)](#). Department of Health Care Services, State of California website. Accessed July 22, 2023.

[https://www.dhcs.ca.gov/dataandstats/Documents/DHCS-DDG-V2.1-010821%20\(1\).pdf](https://www.dhcs.ca.gov/dataandstats/Documents/DHCS-DDG-V2.1-010821%20(1).pdf)

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Anaplasmosis

Anaplasmosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	14	0.0*	16	0.0*	22	0.1
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
BERKELEY	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-
LASSEN	1	3.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	2	0.0*	8	0.1*
LOS ANGELES	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	2	0.0*	8	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	2	0.8*	1	0.4*	0	-	1	0.4*	5	1.9*	8	3.1*	4	1.6*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	2	2.2*	0	-	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	1	0.1*	0	-	0	-	0	-	0	-	3	0.3*	0	-	1	0.1*	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.3*
SANTA BARBARA	0	-	0	-	2	0.4*	1	0.2*	1	0.2*	0	-	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	1	0.2*	0	-	0	-	3	0.6*	1	0.2*	1	0.2*	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis

Anaplasmosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	4	6	8	7	6	7	14	16	22
JANUARY	0	0	0	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	1	0
MARCH	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	5	1	0
MAY	1	0	2	1	0	3	0	3	1
JUNE	1	2	3	2	3	1	3	5	7
JULY	1	2	1	0	2	2	5	2	10
AUGUST	0	1	1	3	1	1	0	2	2
SEPTEMBER	0	0	0	1	0	0	1	1	2
OCTOBER	0	0	1	0	0	0	0	0	0
NOVEMBER	1	0	0	0	0	0	0	1	0
DECEMBER	0	1	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Anaplasmosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	14	0.0*	16	0.0*	22	0.1
FEMALE	3	0.0*	5	0.0*	4	0.0*	3	0.0*	1	0.0*	1	0.0*	3	0.0*	7	0.0*	10	0.1*
MALE	1	0.0*	1	0.0*	4	0.0*	4	0.0*	5	0.0*	6	0.0*	11	0.1*	9	0.0*	12	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	14	0.0*	16	0.0*	22	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
25-34	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.0*
35-44	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	3	0.1*
45-54	0	-	1	0.0*	0	-	2	0.0*	0	-	2	0.0*	4	0.1*	1	0.0*	3	0.1*
55-64	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*	0	-	1	0.0*	5	0.1*	5	0.1*
65+	4	0.1*	1	0.0*	3	0.1*	1	0.0*	3	0.0*	4	0.1*	8	0.1*	8	0.1*	9	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

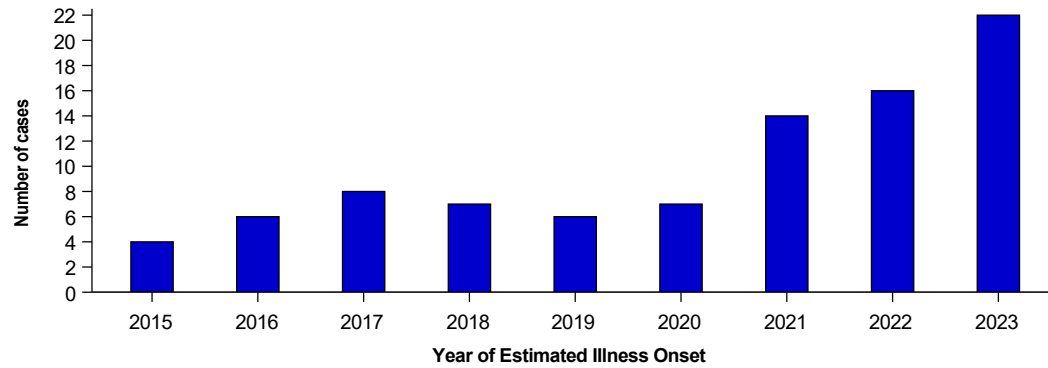
*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis, Cases by Race/Ethnicity, California, 2015-2023

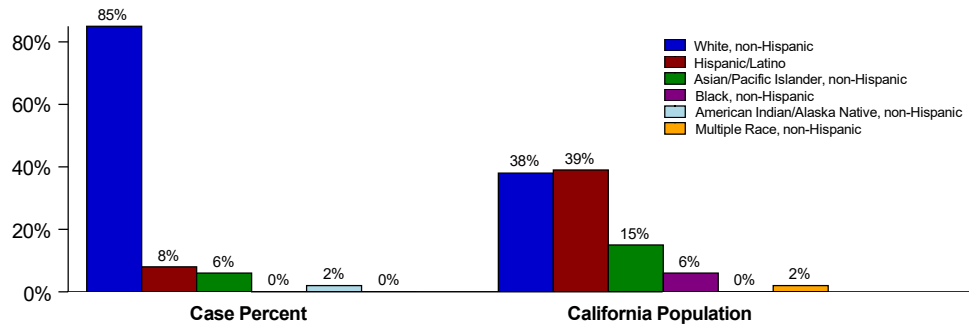
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	4	6	8	7	6	7	14	16	22	
WHITE, NON-HISPANIC	2	0	2	3	5	5	10	11	17	
HISPANIC/LATINO	0	0	0	0	0	2	1	2	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	1	0	0	1	1	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
UNKNOWN	2	5	5	2	1	0	2	2	5	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Anaplasmosis Cases by Year of Estimated Illness Onset, California, 2015-2023



Anaplasmosis Cases and Population by Race/Ethnicity, California, 2015-2023



26.7% (n=24) of reported incidents of Anaplasmosis did not identify race/ethnicity and 1.1% (n=1) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Anthrax

No cases of Anthrax were reported to CDPH with illness onset during 2015-2023

Babesiosis

Babesiosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	6	0.0*	5	0.0*	6	0.0*	6	0.0*	5	0.0*	1	0.0*	7	0.0*	7	0.0*	10	0.0*
ALAMEDA COUNTY TOTAL	2	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*
ALAMEDA	2	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	3	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*	3	0.0*	3	0.0*
LOS ANGELES	2	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*	2	0.0*	3	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PASADENA	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	1	0.0*	3	0.1*	2	0.1*	0	-	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	0	-	1	0.1*	2	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis

Babesiosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	6	5	6	6	5	1	7	7	10	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	1	0	0	0	0	0	0	
MAY	0	0	0	1	1	0	0	0	1	
JUNE	1	1	1	0	0	0	2	1	2	
JULY	2	2	4	4	2	0	1	4	5	
AUGUST	3	1	0	0	1	1	2	2	2	
SEPTEMBER	0	0	0	1	1	0	0	0	0	
OCTOBER	0	0	0	0	0	0	1	0	0	
NOVEMBER	0	1	0	0	0	0	1	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Babesiosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6	0.0*	5	0.0*	6	0.0*	6	0.0*	5	0.0*	1	0.0*	7	0.0*	7	0.0*	10	0.0*
FEMALE	0	-	2	0.0*	3	0.0*	3	0.0*	3	0.0*	0	-	3	0.0*	3	0.0*	4	0.0*
MALE	6	0.0*	3	0.0*	3	0.0*	3	0.0*	2	0.0*	1	0.0*	4	0.0*	4	0.0*	6	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6	0.0*	5	0.0*	6	0.0*	6	0.0*	5	0.0*	1	0.0*	7	0.0*	7	0.0*	10	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
25-34	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
35-44	1	0.0*	0	-	2	0.0*	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*
45-54	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	3	0.1*	1	0.0*	0	-
55-64	2	0.0*	3	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*
65+	3	0.1*	1	0.0*	3	0.1*	3	0.1*	3	0.0*	0	-	3	0.0*	4	0.1*	6	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

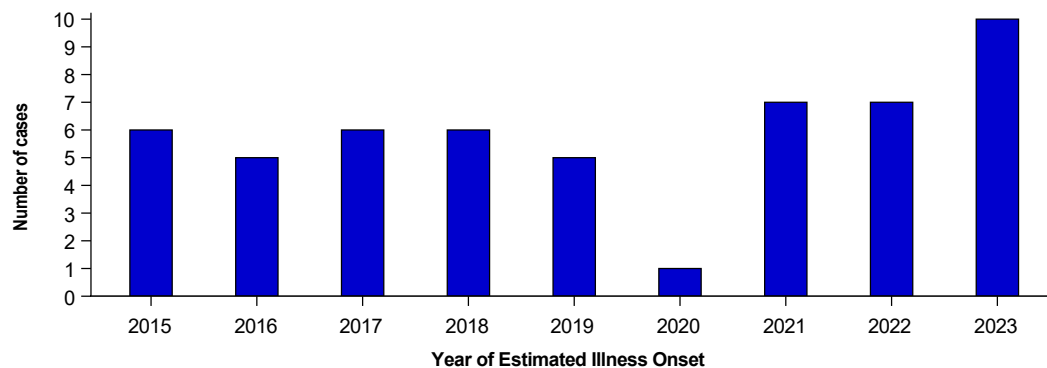
*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	6	5	6	6	5	1	7	7	10	
WHITE, NON-HISPANIC	3	4	3	2	2	1	5	3	7	
HISPANIC/LATINO	0	0	0	2	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	0	1	0	2	0	0	1	1	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	1	0	1	0	1	
UNKNOWN	1	1	2	2	0	0	1	3	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Babesiosis Cases by Year of Estimated Illness Onset, California, 2015-2023



Botulism, Foodborne

Botulism, Foodborne, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	5	0.0*	15	0.0*	0		2	0.0*	0		1	0.0*	2	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	1	4.6*	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-
SACRAMENTO	0	-	0	-	4	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	4	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*	2	0.1*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne

Botulism, Foodborne, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	5	15	0	2	0	1	2	4	
JANUARY	0	0	0	0	1	0	0	0	0	
FEBRUARY	0	0	1	0	0	0	0	0	0	
MARCH	0	0	1	0	0	0	0	0	0	
APRIL	1	1	9	0	0	0	0	0	0	
MAY	0	0	3	0	0	0	0	0	0	
JUNE	0	1	0	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	1	0	1	0	0	2	2	
SEPTEMBER	0	0	0	0	0	0	0	0	1	
OCTOBER	0	2	0	0	0	0	1	0	1	
NOVEMBER	0	1	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Foodborne, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	5	0.0*	15	0.0*	0	-	2	0.0*	0	-	1	0.0*	2	0.0*	4	0.0*
FEMALE	0	-	3	0.0*	7	0.0*	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*
MALE	1	0.0*	2	0.0*	8	0.0*	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	3	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	5	0.0*	15	0.0*	0	-	2	0.0*	0	-	1	0.0*	2	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	3	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	2	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	0	-	0	-	4	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	2	0.0*	2	0.0*	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*
65+	1	0.0*	3	0.1*	4	0.1*	0	-	2	0.0*	0	-	0	-	1	0.0*	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

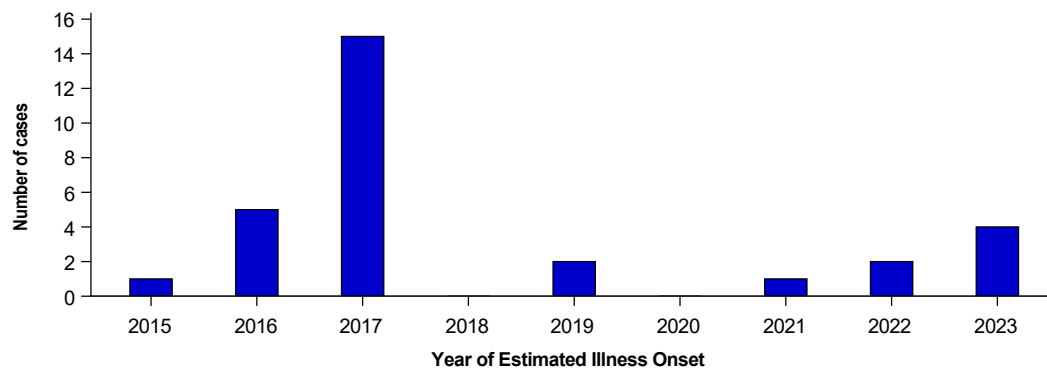
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	5	15	0	2	0	1	2	4	
WHITE, NON-HISPANIC	0	2	1	0	2	0	0	0	1	
HISPANIC/LATINO	0	0	8	0	0	0	1	1	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	3	4	0	0	0	0	1	3	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	1	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Foodborne Cases by Year of Estimated Illness Onset, California, 2015-2023



Botulism, Wound**Botulism, Wound, Cases and Rates by Health Jurisdiction, California, 2015-2023**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1	51	0.1	27	0.1	7	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	1	0.4*	0	-	2	1.0*	3	1.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	3	0.3*	2	0.2*	3	0.3*	1	0.1*	0	-	4	0.4*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	2	1.5*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	2	1.1*	1	0.6*	0	-	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	1	0.1*	2	0.2*	1	0.1*	1	0.1*	0	-	2	0.2*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	6	0.1*	1	0.0*	8	0.1*	6	0.1*	9	0.1*	7	0.1*	3	0.0*	1	0.0*
LOS ANGELES	2	0.0*	6	0.1*	1	0.0*	8	0.1*	6	0.1*	9	0.1*	6	0.1*	3	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	1	0.6*
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	3	0.7*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	3	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	3	0.1*	3	0.1*	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	3	0.1*	3	0.1*	3	0.1*	2	0.1*	2	0.1*	3	0.1*	3	0.1*	0	-
SACRAMENTO	0	-	1	0.1*	1	0.1*	4	0.3*	1	0.1*	6	0.4*	8	0.5*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	3	0.1*	5	0.2*	4	0.2*	7	0.3*	3	0.1*	8	0.4*	3	0.1*	0	-
SAN DIEGO	0	-	0	-	4	0.1*	7	0.2*	2	0.1*	0	-	1	0.0*	4	0.1*	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	4	0.5*	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	2	0.5*	0	-	1	0.2*	1	0.2*	1	0.2*	2	0.4*	2	0.5*	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-	3	0.2*	1	0.1*	3	0.2*	1	0.1*	2	0.1*	0	-
SANTA CRUZ	0	-	2	0.7*	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	2	0.4*	0	-	0	-	3	0.5*	3	0.5*	3	0.5*	1	0.2*	0	-	2	0.4*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-
VENTURA	1	0.1*	1	0.1*	1	0.1*	3	0.4*	0	-	3	0.4*	3	0.4*	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound

Botulism, Wound, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	17	26	22	50	30	42	51	27	7
JANUARY	0	0	1	4	0	4	2	2	1
FEBRUARY	2	5	1	2	4	0	6	2	0
MARCH	3	4	0	3	1	1	8	0	0
APRIL	0	1	1	6	2	3	1	2	0
MAY	3	4	4	4	1	3	3	3	1
JUNE	1	4	0	5	2	2	6	3	1
JULY	2	1	4	2	4	3	6	3	0
AUGUST	2	0	4	6	2	2	3	2	1
SEPTEMBER	1	4	3	6	6	3	6	5	0
OCTOBER	0	1	2	5	5	7	3	3	2
NOVEMBER	3	0	1	4	1	8	0	1	0
DECEMBER	0	2	1	3	2	6	7	1	1

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Wound, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1	51	0.1	27	0.1	7	0.0*
FEMALE	3	0.0*	7	0.0*	5	0.0*	14	0.1*	4	0.0*	8	0.0*	12	0.1*	5	0.0*	3	0.0*
MALE	14	0.1*	19	0.1	17	0.1*	36	0.2	26	0.1	33	0.2	39	0.2	22	0.1	4	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1	51	0.1	27	0.1	7	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
25-34	1	0.0*	5	0.1*	3	0.1*	10	0.2*	7	0.1*	9	0.2*	11	0.2*	4	0.1*	1	0.0*
35-44	2	0.0*	4	0.1*	5	0.1*	11	0.2*	6	0.1*	11	0.2*	8	0.2*	6	0.1*	0	-
45-54	3	0.1*	11	0.2*	6	0.1*	13	0.3*	9	0.2*	8	0.2*	6	0.1*	4	0.1*	2	0.0*
55-64	10	0.2*	4	0.1*	5	0.1*	13	0.3*	7	0.1*	14	0.3*	22	0.5	9	0.2*	2	0.0*
65+	0	-	2	0.0*	2	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	4	0.1*	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

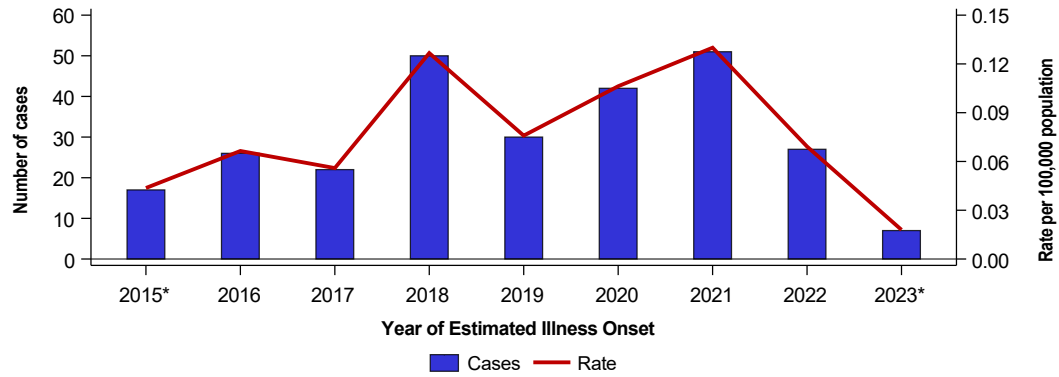
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	17	26	22	50	30	42	51	27	7	
WHITE, NON-HISPANIC	4	11	8	22	12	17	22	5	2	
HISPANIC/LATINO	7	10	9	19	8	14	17	16	4	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	1	0	0	
BLACK, NON-HISPANIC	0	0	0	2	0	1	1	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	1	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	2	2	2	1	0	
UNKNOWN	6	5	5	7	8	8	8	4	1	

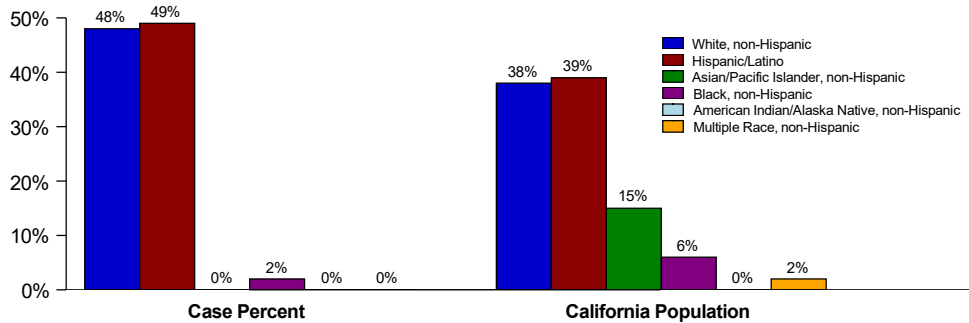
For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Wound Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound Cases and Population by Race/Ethnicity, California, 2015-2023



19.1% (n=52) of reported incidents of Botulism, Wound did not identify race/ethnicity and 2.6% (n=7) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Botulism, Other

Botulism, Other, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		0		3	0.0*	0		0		1	0.0*	1	0.0*	3	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0		0		0	-	0		0		1	0.1*	0		0		0	
ALAMEDA	0		0		0	-	0		0		1	0.1*	0		0		0	
BERKELEY	0		0		0	-	0		0		0	-	0		0		0	
ALPINE	0		0		0	-	0		0		0	-	0		0		0	
AMADOR	0		0		0	-	0		0		0	-	0		0		0	
BUTTE	0		0		0	-	0		0		0	-	0		0		1	0.5*
CALAVERAS	0		0		0	-	0		0		0	-	0		0		0	
COLUSA	0		0		0	-	0		0		0	-	0		0		0	
CONTRA COSTA	0		0		0	-	0		0		0	-	0		0		0	
DEL NORTE	0		0		0	-	0		0		0	-	0		0		0	
EL DORADO	0		0		0	-	0		0		0	-	0		0		0	
FRESNO	0		0		0	-	0		0		0	-	0		0		0	
GLENN	0		0		0	-	0		0		0	-	0		0		0	
HUMBOLDT	0		0		0	-	0		0		0	-	0		0		0	
IMPERIAL	0		0		0	-	0		0		0	-	0		0		0	
INYO	0		0		0	-	0		0		0	-	0		0		0	
KERN	0		0		0	-	0		0		0	-	0		0		0	
KINGS	0		0		0	-	0		0		0	-	0		0		0	
LAKE	0		0		0	-	0		0		0	-	0		0		0	
LASSEN	0		0		0	-	0		0		0	-	0		0		0	
LOS ANGELES COUNTY TOTAL	0		0		2	0.0*	0		0		0	-	0		1	0.0*	0	
LOS ANGELES	0		0		2	0.0*	0		0		0	-	0		1	0.0*	0	
LONG BEACH	0		0		0	-	0		0		0	-	0		0		0	
PASADENA	0		0		0	-	0		0		0	-	0		0		0	
MADERA	0		0		0	-	0		0		0	-	0		0		0	
MARIN	0		0		0	-	0		0		0	-	0		0		0	
MARIPOSA	0		0		0	-	0		0		0	-	0		0		0	
MENDOCINO	0		0		0	-	0		0		0	-	0		0		0	
MERCED	0		0		0	-	0		0		0	-	0		0		0	
MODOC	0		0		0	-	0		0		0	-	0		0		0	
MONO	0		0		0	-	0		0		0	-	0		0		0	
MONTEREY	0		0		0	-	0		0		0	-	0		0		0	
NAPA	0		0		0	-	0		0		0	-	0		0		0	
NEVADA	0		0		0	-	0		0		0	-	0		0		0	
ORANGE	0		0		0	-	0		0		0	-	0		0		0	
PLACER	0		0		0	-	0		0		0	-	0		0		0	
PLUMAS	0		0		0	-	0		0		0	-	0		0		0	
RIVERSIDE	0		0		0	-	0		0		0	-	0		0		0	
SACRAMENTO	0		0		0	-	0		0		0	-	0		1	0.1*	0	
SAN BENITO	0		0		0	-	0		0		0	-	0		0		0	
SAN BERNARDINO	0		0		0	-	0		0		0	-	0		0		0	
SAN DIEGO	0		0		1	0.0*	0		0		0	-	0		0		0	
SAN FRANCISCO	0		0		0	-	0		0		0	-	0		0		0	
SAN JOAQUIN	0		0		0	-	0		0		0	-	0		0		0	
SAN LUIS OBISPO	0		0		0	-	0		0		0	-	0		0		0	
SAN MATEO	0		0		0	-	0		0		0	-	0		0		0	
SANTA BARBARA	0		0		0	-	0		0		0	-	0		0		0	
SANTA CLARA	0		0		0	-	0		0		0	-	1	0.1*	0		0	
SANTA CRUZ	0		0		0	-	0		0		0	-	0		0		0	
SHASTA	0		0		0	-	0		0		0	-	0		1	0.6*	0	
SIERRA	0		0		0	-	0		0		0	-	0		0		0	
SISKIYOU	0		0		0	-	0		0		0	-	0		0		0	
SOLANO	0		0		0	-	0		0		0	-	0		0		0	
SONOMA	0		0		0	-	0		0		0	-	0		0		0	
STANISLAUS	0		0		0	-	0		0		0	-	0		0		0	
SUTTER	0		0		0	-	0		0		0	-	0		0		0	
TEHAMA	0		0		0	-	0		0		0	-	0		0		0	
TRINITY	0		0		0	-	0		0		0	-	0		0		0	
TULARE	0		0		0	-	0		0		0	-	0		0		0	
TUOLUMNE	0		0		0	-	0		0		0	-	0		0		0	
VENTURA	0		0		0	-	0		0		0	-	0		0		0	
YOLO	0		0		0	-	0		0		0	-	0		0		0	
YUBA	0		0		0	-	0		0		0	-	0		0		0	

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Other

Botulism, Other, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	0	0	3	0	0	1	1	3	1
JANUARY	0	0	0	0	0	0	0	0	1
FEBRUARY	0	0	0	0	0	0	0	0	0
MARCH	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0
MAY	0	0	1	0	0	1	1	0	0
JUNE	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	1	0
AUGUST	0	0	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	0	0	0	1	0
NOVEMBER	0	0	2	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	1	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Other, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	3	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*	1	0.0*
FEMALE	0	-	0	-	2	0.0*	0	-	0	-	0	-	1	0.0*	2	0.0*	1	0.0*
MALE	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Other, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	3	0.0*	0	-	0	-	1	0.0*	1	0.0*	3	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-
35-44	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	2	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

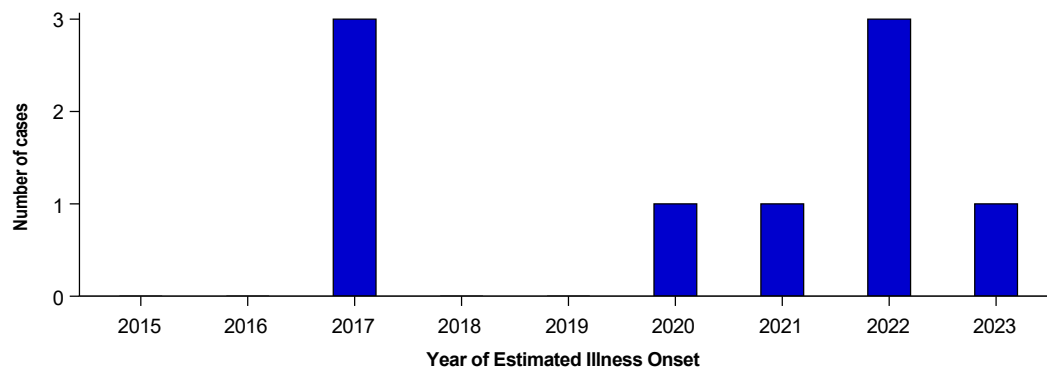
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Other, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
TOTAL	0	0	3	0	0	1	1	3	1		
WHITE, NON-HISPANIC	0	0	2	0	0	0	1	2	0		
HISPANIC/LATINO	0	0	0	0	0	0	0	1	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
BLACK, NON-HISPANIC	0	0	1	0	0	1	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	0	0	0	0	0	0	1		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Other Cases by Year of Estimated Illness Onset, California, 2015-2023



Brucellosis

Brucellosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1	31	0.1	35	0.1	39	0.1
ALAMEDA COUNTY TOTAL	3	0.2*	1	0.1*	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	4	0.2*	1	0.1*
ALAMEDA	2	0.1*	1	0.1*	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	4	0.3*	1	0.1*
BERKELEY	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	1	4.6*	0	-	0	-	0	-	0	-	0	-	0	-	1	4.6*
CONTRA COSTA	3	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	2	0.2*	0	-	2	0.2*	2	0.2*	3	0.3*	0	-	0	-	3	0.3*	5	0.5*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	1	0.1*	2	0.2*	5	0.6*	1	0.1*	1	0.1*	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
LAKE	1	1.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	8	0.1*	5	0.0*	9	0.1*	11	0.1*	10	0.1*	4	0.0*	1	0.0*	8	0.1*	6	0.1*
LOS ANGELES	8	0.1*	5	0.1*	9	0.1*	10	0.1*	9	0.1*	4	0.0*	1	0.0*	8	0.1*	5	0.1*
LONG BEACH	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	0	-	1	0.3*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	7.6*
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*
NAPA	0	-	0	-	2	1.4*	0	-	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	6	0.2*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	1	0.0*	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	2	0.1*	1	0.0*	1	0.0*
SACRAMENTO	0	-	2	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-	1	1.5*
SAN BERNARDINO	1	0.0*	1	0.0*	2	0.1*	1	0.0*	1	0.0*	2	0.1*	3	0.1*	2	0.1*	2	0.1*
SAN DIEGO	1	0.0*	3	0.1*	4	0.1*	2	0.1*	1	0.0*	0	-	3	0.1*	7	0.2*	3	0.1*
SAN FRANCISCO	0	-	0	-	0	-	5	0.6*	2	0.2*	1	0.1*	0	-	1	0.1*	0	-
SAN JOAQUIN	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*	0	-	3	0.4*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.3*	2	0.3*
SANTA BARBARA	1	0.2*	0	-	0	-	4	0.9*	1	0.2*	1	0.2*	1	0.2*	1	0.2*	0	-
SANTA CLARA	0	-	2	0.1*	1	0.1*	1	0.1*	2	0.1*	0	-	6	0.3*	0	-	2	0.1*
SANTA CRUZ	0	-	1	0.4*	0	-	2	0.7*	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SONOMA	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	1	1.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	1	0.1*	2	0.2*	3	0.4*	0	-	0	-	1	0.1*	0	-
YOLO	2	1.0*	0	-	0	-	0	-	0	-	0	-	4	1.9*	0	-	3	1.3*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis

Brucellosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	33	20	30	38	34	20	31	35	39
JANUARY	2	2	1	0	3	0	1	7	1
FEBRUARY	2	3	3	2	2	3	1	2	3
MARCH	3	5	5	7	2	3	3	2	2
APRIL	5	3	1	7	4	0	4	4	7
MAY	5	2	1	6	0	1	1	5	7
JUNE	3	1	3	3	4	3	3	3	5
JULY	3	0	5	2	4	3	2	4	2
AUGUST	1	2	3	3	3	0	2	1	1
SEPTEMBER	4	2	2	1	2	2	5	2	6
OCTOBER	3	0	3	1	4	2	5	1	0
NOVEMBER	2	0	2	2	4	3	1	2	3
DECEMBER	0	0	1	4	2	0	3	2	2

For inclusion/exclusion criteria, please refer to the Technical Notes.

Brucellosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1	31	0.1	35	0.1	39	0.1
FEMALE	17	0.1*	10	0.1*	14	0.1*	18	0.1*	16	0.1*	9	0.0*	19	0.1	15	0.1*	18	0.1*
MALE	16	0.1*	10	0.1*	16	0.1*	20	0.1	18	0.1*	10	0.1*	12	0.1*	20	0.1	21	0.1
UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1	31	0.1	35	0.1	39	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
1-4	0	-	0	-	2	0.1*	1	0.1*	0	-	2	0.1*	1	0.1*	0	-	0	-
5-9	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-	1	0.0*	0	-
10-14	0	-	1	0.0*	3	0.1*	3	0.1*	2	0.1*	1	0.0*	1	0.0*	0	-	0	-
15-24	4	0.1*	0	-	1	0.0*	2	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*
25-34	5	0.1*	3	0.1*	3	0.1*	6	0.1*	4	0.1*	2	0.0*	5	0.1*	3	0.1*	3	0.1*
35-44	5	0.1*	1	0.0*	1	0.0*	4	0.1*	8	0.2*	0	-	3	0.1*	3	0.1*	10	0.2*
45-54	5	0.1*	1	0.0*	3	0.1*	6	0.1*	6	0.1*	2	0.0*	5	0.1*	4	0.1*	5	0.1*
55-64	6	0.1*	5	0.1*	7	0.1*	5	0.1*	3	0.1*	4	0.1*	4	0.1*	6	0.1*	8	0.2*
65+	7	0.1*	9	0.2*	9	0.2*	9	0.2*	10	0.2*	6	0.1*	10	0.2*	17	0.3*	12	0.2*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

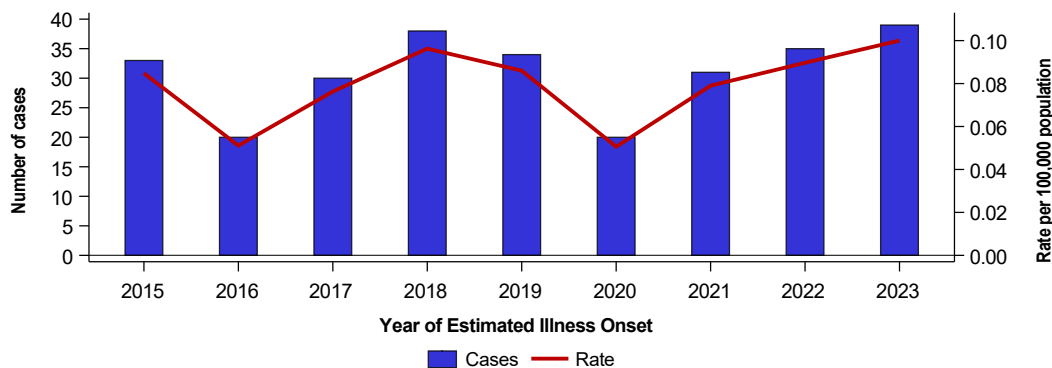
*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis, Cases by Race/Ethnicity, California, 2015-2023

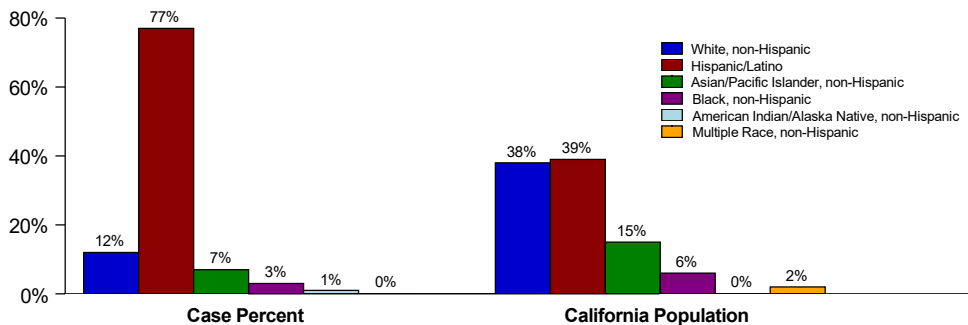
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	33	20	30	38	34	20	31	35	39	
WHITE, NON-HISPANIC	3	1	7	4	5	1	3	2	5	
HISPANIC/LATINO	24	15	16	29	23	13	17	27	28	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	2	2	2	1	4	2	0	3	
BLACK, NON-HISPANIC	1	0	0	0	2	0	3	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	2	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	2	2	1	0	0	3	2	1	
UNKNOWN	4	0	3	2	1	2	3	3	2	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Brucellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Brucellosis Cases and Population by Race/Ethnicity, California, 2015-2023



7.1% (n=20) of reported incidents of Brucellosis did not identify race/ethnicity and 3.9% (n=11) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Campylobacteriosis

Campylobacteriosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	8,356	21.5	8,555	21.9	9,481	24.1	9,271	23.5	10,015	25.3	6,341	16.0	7,741	19.7	9,083	23.3	12,009	30.8
ALAMEDA COUNTY TOTAL	444	27.2	460	27.9	537	32.4	538	32.2	487	29.0	253	15.1	304	18.4	399	24.3	579	35.3
ALAMEDA	408	27.3	429	28.4	488	32.0	500	32.7	461	30.0	240	15.4	294	19.0	375	24.7	526	34.5
BERKELEY	36	30.1	31	25.8	49	40.4	38	31.2	26	21.3	13	10.2*	10	8.3*	24	19.3	53	42.3
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	7	19.0*	7	18.5*	6	15.6*	8	20.0*	3	7.4*	4	9.9*	5	12.4*	6	15.0*	10	24.9*
BUTTE	61	26.6	101	43.8	97	41.6	94	40.1	103	45.4	89	42.3	80	38.7	84	40.6	85	40.9
CALAVERAS	8	17.6*	7	15.4*	14	30.9*	8	17.6*	9	19.9*	2	4.4*	1	2.2*	0	-	18	40.2*
COLUSA	6	28.0*	10	46.1*	9	41.3*	3	13.8*	8	36.8*	3	13.8*	4	18.3*	4	18.2*	10	45.5*
CONTRA COSTA	222	19.7	307	26.9	307	26.7	329	28.4	334	28.7	180	15.4	203	17.5	285	24.8	393	34.4
DEL NORTE	1	3.7*	6	22.2*	4	14.9*	5	18.1*	3	10.9*	8	28.9*	5	18.3*	6	22.6*	3	11.5*
EL DORADO	34	18.7	36	19.7	52	28.1	43	23.0	32	17.0	41	21.5	26	13.6	35	18.5	54	28.7
FRESNO	350	36.1	308	31.5	343	34.8	281	28.3	315	31.4	247	24.5	249	24.6	281	27.8	292	28.7
GLENN	10	35.7*	4	14.3*	9	32.1*	5	17.8*	5	17.5*	8	27.7*	12	41.8*	3	10.5*	5	17.4*
HUMBOLDT	23	16.9	35	25.5	17	12.4*	15	10.9*	40	29.3	22	16.2	18	13.4*	19	14.1	26	19.4
IMPERIAL	33	18.3	28	15.5	38	21.0	46	25.5	83	45.9	90	49.9	85	47.4	124	69.2	82	45.6
INYO	1	5.3*	2	10.6*	2	10.6*	5	26.4*	1	5.3*	7	36.9*	11	58.3*	8	42.4*	11	58.2*
KERN	305	34.7	223	25.3	336	37.8	220	24.6	265	29.3	211	23.3	238	26.2	279	30.7	364	40.0
KINGS	33	22.2	34	23.0	38	25.5	46	30.5	34	22.4	32	21.0	35	23.1	47	31.1	36	23.6
LAKE	7	10.5*	13	19.4*	13	19.1*	9	13.2*	13	19.1*	13	19.2*	15	22.2*	31	46.0	33	49.0
LASSEN	3	9.5*	8	24.8*	1	3.1*	4	12.1*	5	15.2*	3	9.5*	1	3.2*	0	-	0	-
LOS ANGELES COUNTY TOTAL	1,718	17.0	1,655	16.4	1,862	18.4	2,001	19.8	2,248	22.3	1,443	14.4	1,917	19.4	2,137	21.8	2,782	28.5
LOS ANGELES	1,616	17.0	1,551	16.3	1,769	18.5	1,876	19.6	2,124	22.3	1,372	14.6	1,823	19.5	2,009	21.7	2,638	28.6
LONG BEACH	68	14.3	74	15.6	56	11.8	90	19.0	88	18.6	48	10.3	77	16.7	92	20.0	105	22.8
PASADENA	34	24.0	30	21.1	37	25.7	35	24.2	36	24.8	23	16.4	17	12.2*	36	25.9	39	28.2
MADERA	51	33.4	54	35.3	50	32.4	59	37.9	59	38.0	39	25.0	72	45.9	54	34.3	61	38.5
MARIN	139	52.7	103	38.8	134	50.6	119	44.9	108	40.9	48	18.4	65	25.2	77	30.2	103	40.9
MARIPOSA	3	16.9*	3	17.0*	1	5.7*	0	-	2	11.6*	3	17.5*	3	17.6*	5	29.5*	6	35.3*
MENDOCINO	39	43.2	27	29.7	32	34.9	41	44.7	46	50.1	51	56.0	42	46.4	52	58.1	60	67.3
MERCED	75	28.1	83	30.9	56	20.5	64	23.3	78	28.0	61	21.7	49	17.4	61	21.4	92	31.8
MODOC	1	11.2*	0	-	1	11.5*	0	-	2	23.0*	3	34.5*	3	35.0*	2	23.1*	6	69.2*
MONO	5	36.9*	6	44.8*	5	37.4*	8	60.5*	4	30.2*	7	52.6*	1	7.5*	1	7.6*	3	22.8*
MONTEREY	69	15.9	56	12.8	68	15.5	64	14.6	77	17.5	63	14.3	73	16.7	70	16.1	106	24.5
NAPA	56	39.7	54	38.3	34	24.2	61	43.7	43	30.9	34	24.6	28	20.4	23	17.0	37	27.5
NEVADA	14	13.9*	16	15.9*	14	13.8*	24	23.5	23	22.5	14	13.7*	35	34.2	38	37.7	42	42.1
ORANGE	396	12.5	481	15.2	518	16.2	555	17.4	631	19.8	326	10.2	457	14.4	511	16.2	685	21.8
PLACER	72	19.1	80	20.9	78	20.1	82	20.7	105	26.1	64	15.8	64	15.6	92	22.4	98	23.7
PLUMAS	4	20.3*	2	10.2*	0	-	1	5.1*	1	5.0*	1	5.0*	3	15.2*	5	26.0*	4	21.2*
RIVERSIDE	258	11.2	247	10.6	342	14.5	314	13.2	319	13.3	206	8.5	403	16.6	461	18.9	666	27.2
SACRAMENTO	312	20.8	315	20.7	384	25.0	353	22.7	371	23.6	253	15.9	274	17.3	345	21.9	455	29.0
SAN BENITO	6	10.1*	12	20.0*	7	11.5*	21	34.0	39	61.6	20	31.0	6	9.2*	19	28.9	42	63.2
SAN BERNARDINO	230	10.9	211	9.9	265	12.3	253	11.7	274	12.6	171	7.8	223	10.2	274	12.6	380	17.4
SAN DIEGO	646	19.9	789	24.2	884	27.0	831	25.2	999	30.3	635	19.2	904	27.5	957	29.2	1,121	34.0
SAN FRANCISCO	517	60.3	458	53.0	422	48.6	465	53.3	448	51.4	235	27.0	252	30.1	312	37.4	501	60.3
SAN JOAQUIN	251	34.4	230	31.1	259	34.5	234	30.8	233	30.2	162	20.8	138	17.6	160	20.4	238	30.2
SAN LUIS OBISPO	75	26.8	62	22.0	70	24.8	47	16.6	51	18.0	33	11.7	43	15.4	76	27.2	106	37.7
SAN MATEO	242	31.8	270	35.3	294	38.4	260	33.9	286	37.3	149	19.6	175	23.4	235	31.8	323	44.1
SANTA BARBARA	113	25.6	113	25.4	108	24.2	99	22.1	125	27.9	80	17.8	125	28.5	158	35.6	183	41.0
SANTA CLARA	487	25.4	561	29.1	569	29.4	531	27.4	563	29.1	272	14.1	323	17.0	443	23.5	658	35.0
SANTA CRUZ	88	32.0	75	27.2	87	31.7	80	29.2	70	25.7	46	17.0	50	19.0	74	27.9	84	31.6
SHASTA	23	12.7	21	11.6	29	16.0	24	13.2	28	15.4	22	12.1	35	19.2	29	16.1	39	21.7
SIERRA	1	31.1*	1	31.1*	0	-	0	-	1	30.9*	0	-	0	-	0	-	0	-
SISKIYOU	15	33.6*	21	47.1	5	11.3*	8	18.1*	7	15.8*	2	4.5*	4	9.2*	2	4.6*	8	18.4*
SOLANO	116	26.6	154	34.9	136	30.5	127	28.3	112	24.8	86	19.0	70	15.6	85	19.1	125	28.2
SONOMA	52	10.4	60	12.0	184	36.7	191	38.4	187	38.0	110	22.5	119	24.6	107	22.3	192	40.1
STANISLAUS	190	35.5	206	38.1	228	41.7	217	39.5	242	43.9	138	24.9	113	20.5	158	28.8	213	38.8
SUTTER	24	25.0	22	22.8	17	17.4*	22	22.1	26	25.7	15	15.1*	13	13.2*	25	25.2	24	24.1
TEHAMA	23	36.2	19	29.7	14	21.8*	18	27.9*	26	39.8	16	24.4*	11	16.9*	15	23.2*	31	47.9
TRINITY	2	14.1*	0	-	0	-	2	12.7*	1	6.2*	0	-	0	-	3	18.8*	0	-
TULARE	207	45.0	216	46.7	158	34.0	99	21.2	129	27.4	100	21.2	113	23.8	135	28.4	158	33.2
TUOLUMNE	6	10.9*	11	19.9*	7	12.7*	6	10.8*	4	7.2*	2	3.6*	10	18.3*	12	22.4*	14	26.4*
VENTURA	203	23.9	203	23.9	260	30.6	259	30.5	235	27.8	161	19.1	176	21.0	194	23.4	293	35.5
YOLO	63	30.0	54	25.3	57	26.5	58	26.8	50	23.1	40	18.3	36	16.7	50	22.5	51	22.8
YUBA	16	21.1*	15	19.5*	19	24.3	14	17.7*	22	27.4	17	20.8*	21	25.5	15	18.2*	18	21.7*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Campylobacteriosis

Campylobacteriosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	8,356	8,555	9,481	9,271	10,015	6,341	7,741	9,083	12,009	
JANUARY	571	591	692	582	784	803	367	496	896	
FEBRUARY	485	469	559	531	577	591	421	501	684	
MARCH	598	490	608	609	662	437	476	532	819	
APRIL	712	631	699	707	735	292	615	711	909	
MAY	729	731	919	815	863	501	741	936	991	
JUNE	800	950	1,085	964	1,091	624	970	964	1,210	
JULY	840	974	1,073	1,039	1,253	586	887	938	1,481	
AUGUST	828	906	978	1,013	1,120	572	728	934	1,314	
SEPTEMBER	766	757	854	748	821	584	616	782	1,057	
OCTOBER	783	741	797	813	808	573	661	847	977	
NOVEMBER	676	675	718	778	683	443	691	746	897	
DECEMBER	568	640	499	672	618	335	568	696	774	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Campylobacteriosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8,356	21.5	8,555	21.9	9,481	24.1	9,271	23.5	10,015	25.3	6,341	16.0	7,741	19.7	9,083	23.3	12,009	30.8
FEMALE	3,781	19.3	3,850	19.6	4,383	22.2	4,281	21.6	4,590	23.1	2,941	14.8	3,677	18.6	4,249	21.7	5,587	28.5
MALE	4,531	23.4	4,687	24.1	5,071	25.9	4,974	25.3	5,396	27.5	3,384	17.2	4,045	20.7	4,817	24.8	6,397	33.0
UNKNOWN	44	-	18	-	27	-	16	-	29	-	16	-	19	-	17	-	25	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Campylobacteriosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8,356	21.5	8,555	21.9	9,481	24.1	9,271	23.5	10,015	25.3	6,341	16.0	7,741	19.7	9,083	23.3	12,009	30.8
0	203	40.6	183	37.5	172	35.7	159	34.5	163	36.3	138	31.5	145	35.2	188	44.4	186	45.4
1-4	805	40.3	766	38.6	789	40.0	715	36.6	767	40.2	670	35.7	760	42.0	729	42.1	832	49.2
5-9	506	19.9	494	19.5	491	19.5	412	16.5	464	18.6	378	14.9	398	16.0	433	17.6	462	19.2
10-14	368	14.6	363	14.4	386	15.2	373	14.6	379	14.9	264	10.1	284	11.0	309	12.2	378	15.1
15-24	1,066	19.0	1,057	19.0	1,191	21.7	1,147	21.2	1,145	21.5	662	11.8	824	15.0	947	17.5	1,182	21.7
25-34	1,303	24.2	1,344	25.0	1,472	27.3	1,441	26.9	1,617	30.2	969	18.0	1,224	22.6	1,321	24.3	1,859	34.0
35-44	961	18.6	966	18.7	1,156	22.3	1,124	21.7	1,219	23.5	747	14.9	959	19.4	1,085	22.2	1,575	32.5
45-54	980	18.6	1,082	20.6	1,133	21.7	1,221	23.7	1,249	24.6	727	15.0	888	18.6	1,063	22.5	1,363	29.1
55-64	977	20.8	1,051	22.0	1,191	24.4	1,197	24.2	1,375	27.6	803	16.5	880	18.4	1,258	26.7	1,627	35.0
65+	1,169	22.3	1,222	22.4	1,478	26.1	1,456	24.3	1,618	26.1	966	15.2	1,370	21.0	1,742	26.0	2,541	36.8
UNKNOWN	18	-	27	-	22	-	26	-	19	-	17	-	9	-	8	-	4	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

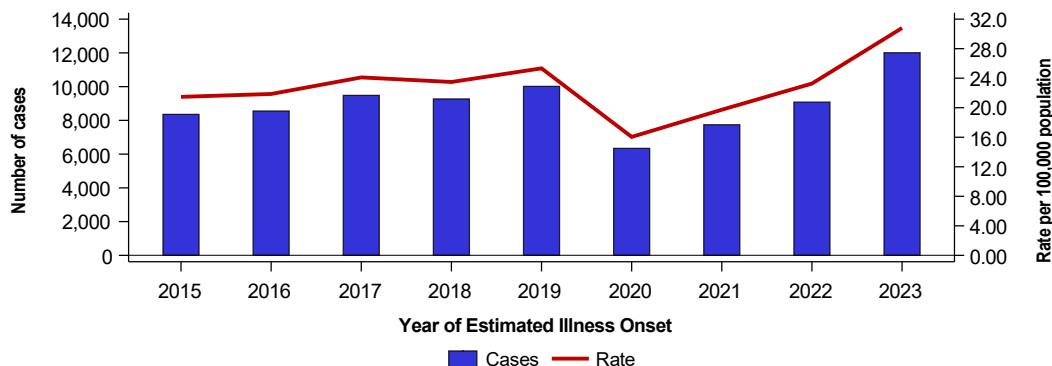
*Potentially unreliable rate: relative standard error 23 percent or more.

Campylobacteriosis, Cases by Race/Ethnicity, California, 2015-2023

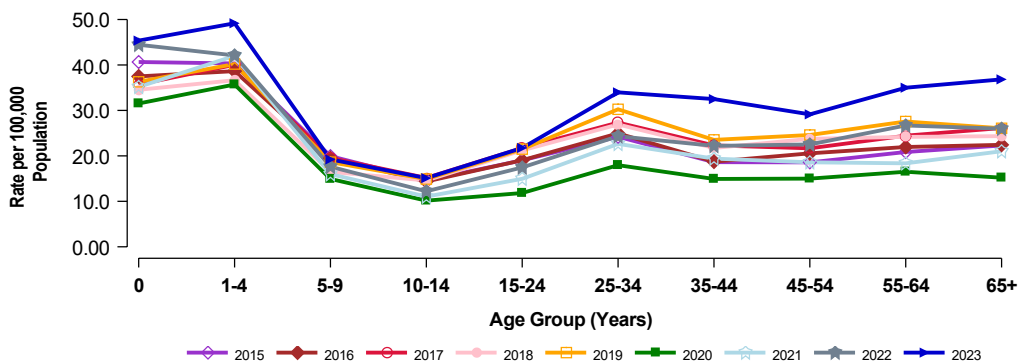
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	8,356	8,555	9,481	9,271	10,015	6,341	7,741	9,083	12,009	
WHITE, NON-HISPANIC	2,208	2,419	3,137	2,835	3,225	1,957	2,374	2,993	4,026	
HISPANIC/LATINO	1,292	1,499	1,773	1,614	1,841	1,379	2,173	2,357	2,929	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	342	469	603	653	766	386	573	613	938	
BLACK, NON-HISPANIC	121	174	193	205	212	155	177	184	268	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	16	11	25	25	26	17	19	26	29	
MULTIPLE RACE, NON-HISPANIC	18	10	12	26	19	9	13	24	21	
OTHER, NON-HISPANIC	320	677	1,096	1,103	1,379	778	952	930	1,058	
UNKNOWN	4039	3,296	2,642	2,810	2,547	1,660	1,460	1,956	2,740	

For inclusion/exclusion criteria, please refer to the Technical Notes.

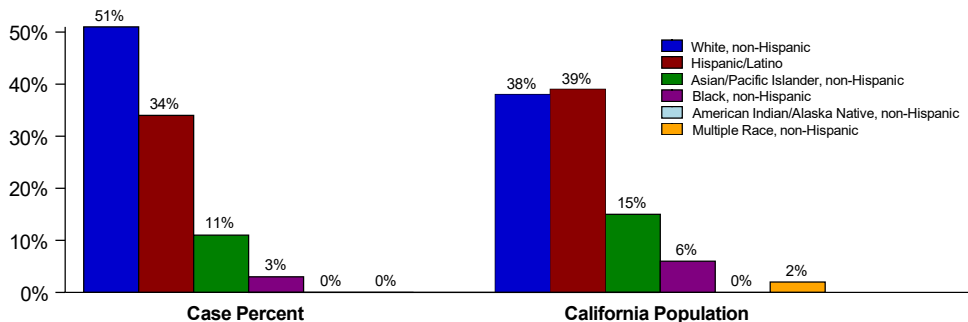
Campylobacteriosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Campylobacteriosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Campylobacteriosis Cases and Population by Race/Ethnicity, California, 2015-2023



28.6% (n=23150) of reported incidents of Campylobacteriosis did not identify race/ethnicity and 10.3% (n=8293) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Chikungunya Virus Infection

Chikungunya Virus Infection, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	-	-	42	-	36	0.1	28	0.1	35	0.1	5	0.0*	7	0.0*	24	0.1	23	0.1
ALAMEDA COUNTY TOTAL	-	-	9	-	3	0.2*	4	0.2*	5	0.3*	0	-	0	-	4	0.2*	2	0.1*
ALAMEDA	-	-	9	-	3	0.2*	4	0.3*	5	0.3*	0	-	0	-	4	0.3*	2	0.1*
BERKELEY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	-	-	1	-	4	0.3*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*
DEL NORTE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
GLENN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	-	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	-	-	3	-	11	0.1*	8	0.1*	2	0.0*	1	0.0*	0	-	8	0.1*	4	0.0*
LOS ANGELES	-	-	3	-	11	0.1*	8	0.1*	2	0.0*	1	0.0*	0	-	8	0.1*	4	0.0*
LONG BEACH	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	-	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	1	0.4*	0	-
MARIPOSA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	-	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-
ORANGE	-	-	1	-	2	0.1*	0	-	2	0.1*	1	0.0*	0	-	1	0.0*	1	0.0*
PLACER	-	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
PLUMAS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	-	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-	2	0.1*
SACRAMENTO	-	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	2	0.1*	4	0.3*
SAN BENITO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	-	-	2	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
SAN DIEGO	-	-	4	-	3	0.1*	5	0.2*	4	0.1*	0	-	1	0.0*	2	0.1*	0	-
SAN FRANCISCO	-	-	2	-	0	-	1	0.1*	3	0.3*	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	-	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	-	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
SAN MATEO	-	-	4	-	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*
SANTA BARBARA	-	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*
SANTA CLARA	-	-	12	-	10	0.5*	5	0.3*	9	0.5*	1	0.1*	2	0.1*	4	0.2*	3	0.2*
SANTA CRUZ	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SHASTA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SONOMA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
STANISLAUS	-	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*
SUTTER	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	-	-	0	-	0	-	1	1.5*	0	-	0	-	0	-	0	-	0	-
TRINITY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection

Chikungunya Virus Infection, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	-	42	36	28	35	5	7	24	23	
JANUARY	-	-	3	1	2	3	1	2	3	
FEBRUARY	-	-	2	0	1	0	0	1	0	
MARCH	-	-	3	2	0	0	0	2	1	
APRIL	-	-	1	0	1	0	0	0	1	
MAY	-	-	4	4	1	1	0	0	0	
JUNE	-	1	5	3	3	0	1	2	0	
JULY	-	6	4	6	6	0	0	3	1	
AUGUST	-	9	2	9	6	0	1	1	3	
SEPTEMBER	-	7	6	0	3	0	0	2	4	
OCTOBER	-	8	3	2	5	0	1	5	2	
NOVEMBER	-	6	1	0	4	1	1	3	5	
DECEMBER	-	5	2	1	3	0	2	3	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	42	-	36	0.1	28	0.1	35	0.1	5	0.0*	7	0.0*	24	0.1	23	0.1
FEMALE	-	-	27	-	21	0.1	19	0.1	18	0.1*	3	0.0*	2	0.0*	13	0.1*	10	0.1*
MALE	-	-	15	-	15	0.1*	9	0.0*	17	0.1*	2	0.0*	5	0.0*	11	0.1*	13	0.1*

Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	42	-	36	0.1	28	0.1	35	0.1	5	0.0*	7	0.0*	24	0.1	23	0.1
0	-	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
1-4	-	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
5-9	-	-	2	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
10-14	-	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
15-24	-	-	3	-	2	0.0*	1	0.0*	3	0.1*	1	0.0*	0	-	3	0.1*	0	-
25-34	-	-	6	-	5	0.1*	6	0.1*	6	0.1*	0	-	1	0.0*	4	0.1*	4	0.1*
35-44	-	-	13	-	8	0.2*	6	0.1*	4	0.1*	1	0.0*	1	0.0*	5	0.1*	7	0.1*
45-54	-	-	6	-	11	0.2*	3	0.1*	13	0.3*	1	0.0*	4	0.1*	5	0.1*	5	0.1*
55-64	-	-	4	-	7	0.1*	6	0.1*	5	0.1*	2	0.0*	0	-	3	0.1*	5	0.1*
65+	-	-	8	-	2	0.0*	4	0.1*	3	0.0*	0	-	1	0.0*	4	0.1*	2	0.0*

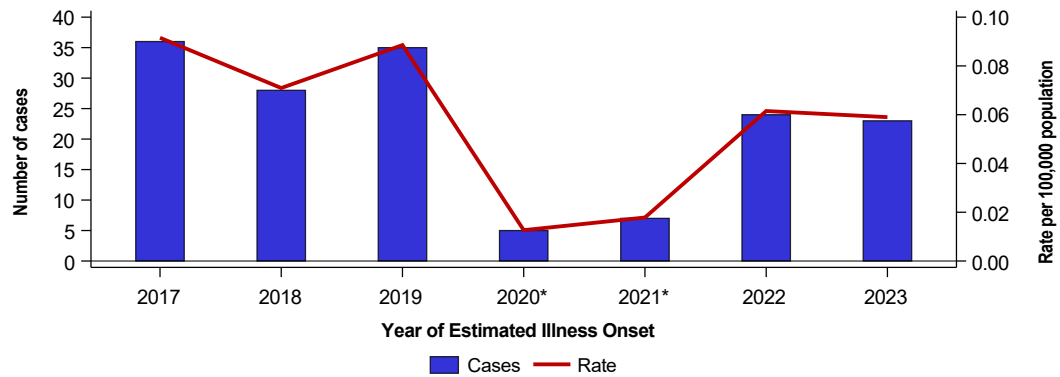
Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases by Race/Ethnicity, California, 2015-2023

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	-	42	36	28	35	5	7	24	23	
WHITE, NON-HISPANIC	-	4	0	7	7	0	2	3	3	
HISPANIC/LATINO	-	5	5	3	3	1	0	6	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	24	21	9	14	2	4	7	6	
BLACK, NON-HISPANIC	-	0	1	0	1	1	0	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	0	0	1	0	0	0	1	0	
OTHER, NON-HISPANIC	-	0	1	0	0	0	0	1	3	
UNKNOWN	-	9	8	8	10	1	1	5	10	

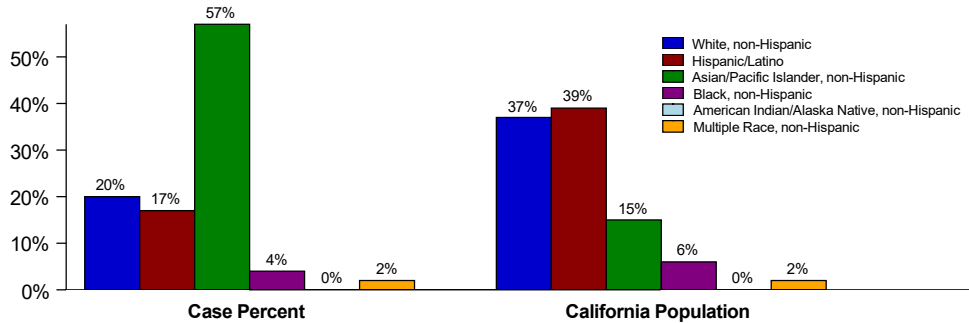
For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2017-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Chikungunya Virus Infection Cases and Population by Race/Ethnicity, California, 2017-2023



27.2% (n=43) of reported incidents of Chikungunya Virus Infection did not identify race/ethnicity and 3.2% (n=5) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cholera

Cholera, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		1	0.0*	0		3	0.0*	0		0		2	0.0*	1	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0		0	-	0		2	0.1*	0		0		0	-	0	-	0	-
ALAMEDA	0		0	-	0		2	0.1*	0		0		0	-	0	-	0	-
BERKELEY	0		0	-	0		0	-	0		0		0	-	0	-	0	-
ALPINE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
AMADOR	0		0	-	0		0	-	0		0		0	-	0	-	0	-
BUTTE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
CALAVERAS	0		0	-	0		0	-	0		0		0	-	0	-	0	-
COLUSA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
CONTRA COSTA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
DEL NORTE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
EL DORADO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
FRESNO	0		0	-	0		0	-	0		0		1	0.1*	0	-	0	-
GLENN	0		0	-	0		0	-	0		0		0	-	0	-	0	-
HUMBOLDT	0		0	-	0		0	-	0		0		0	-	0	-	0	-
IMPERIAL	0		0	-	0		0	-	0		0		0	-	0	-	0	-
INYO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
KERN	0		0	-	0		0	-	0		0		0	-	0	-	0	-
KINGS	0		0	-	0		0	-	0		0		0	-	0	-	0	-
LAKE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
LASSEN	0		0	-	0		0	-	0		0		0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0		0	-	0		0	-	0		0		0	-	0	-	1	0.0*
LOS ANGELES	0		0	-	0		0	-	0		0		0	-	0	-	1	0.0*
LONG BEACH	0		0	-	0		0	-	0		0		0	-	0	-	0	-
PASADENA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MADERA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MARIN	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MARIPOSA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MENDOCINO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MERCED	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MODOC	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MONO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
MONTEREY	0		0	-	0		0	-	0		0		0	-	0	-	0	-
NAPA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
NEVADA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
ORANGE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
PLACER	0		0	-	0		0	-	0		0		0	-	0	-	0	-
PLUMAS	0		0	-	0		0	-	0		0		0	-	0	-	0	-
RIVERSIDE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SACRAMENTO	0		0	-	0		0	-	0		0		0	-	1	0.1*	0	-
SAN BENITO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SAN BERNARDINO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SAN DIEGO	0		1	0.0*	0		0	-	0		0		0	-	0	-	0	-
SAN FRANCISCO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SAN JOAQUIN	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SAN LUIS OBISPO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SAN MATEO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SANTA BARBARA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SANTA CLARA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SANTA CRUZ	0		0	-	0		0	-	0		0		1	0.4*	0	-	0	-
SHASTA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SIERRA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SISKIYOU	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SOLANO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SONOMA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
STANISLAUS	0		0	-	0		0	-	0		0		0	-	0	-	0	-
SUTTER	0		0	-	0		0	-	0		0		0	-	0	-	0	-
TEHAMA	0		0	-	0		0	-	0		0		0	-	0	-	0	-
TRINITY	0		0	-	0		0	-	0		0		0	-	0	-	0	-
TULARE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
TUOLUMNE	0		0	-	0		0	-	0		0		0	-	0	-	0	-
VENTURA	0		0	-	0		1	0.1*	0		0		0	-	0	-	0	-
YOLO	0		0	-	0		0	-	0		0		0	-	0	-	0	-
YUBA	0		0	-	0		0	-	0		0		0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cholera

Cholera, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	0	1	0	3	0	0	2	1	1	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	1	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	1	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	1	0	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	0	1	0	1	
SEPTEMBER	0	0	0	1	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	1	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cholera, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	0	-	3	0.0*	0	-	0	-	2	0.0*	1	0.0*	1	0.0*
FEMALE	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	1	0.0*
MALE	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	2	0.0*	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cholera, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	0	-	3	0.0*	0	-	0	-	2	0.0*	1	0.0*	1	0.0*
0	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

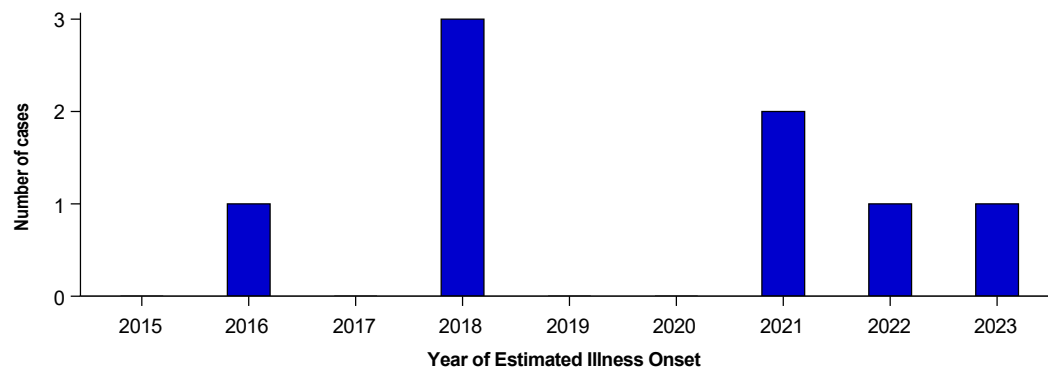
*Potentially unreliable rate: relative standard error 23 percent or more.

Cholera, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	0	1	0	3	0	0	2	1	1	
WHITE, NON-HISPANIC	0	0	0	1	0	0	1	0	0	
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	2	0	0	1	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	1	0	
UNKNOWN	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cholera Cases by Year of Estimated Illness Onset, California, 2015-2023



Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	243	0.6	135	0.3	268	0.7	338	0.9	294	0.7	179	0.5	310	0.8	332	0.9	312	0.8
ALAMEDA COUNTY TOTAL	5	0.3*	4	0.2*	7	0.4*	7	0.4*	6	0.4*	10	0.6*	7	0.4*	5	0.3*	10	0.6*
ALAMEDA	5	0.3*	3	0.2*	7	0.5*	7	0.5*	5	0.3*	10	0.6*	5	0.3*	5	0.3*	9	0.6*
BERKELEY	0	-	1	0.8*	0	-	0	-	1	0.8*	0	-	2	1.7*	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	2.6*	1	2.6*	1	2.5*	0	-	0	-	1	2.5*	0	-	0	-
BUTTE	0	-	0	-	0	-	2	0.9*	0	-	0	-	1	0.5*	0	-	2	1.0*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	1	4.6*	0	-	0	-	0	-
CONTRA COSTA	5	0.4*	2	0.2*	4	0.3*	7	0.6*	5	0.4*	5	0.4*	10	0.9*	19	1.7	15	1.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.5*	0	-	0	-	5	2.7*	1	0.5*	1	0.5*	3	1.6*	3	1.6*	0	-
FRESNO	0	-	0	-	2	0.2*	3	0.3*	4	0.4*	3	0.3*	4	0.4*	8	0.8*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	0	-	5	3.6*	0	-	0	-	0	-	0	-	1	0.7*
IMPERIAL	1	0.6*	0	-	0	-	1	0.6*	8	4.4*	2	1.1*	11	6.1*	14	7.8*	6	3.3*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.3*
KERN	4	0.5*	5	0.6*	2	0.2*	5	0.6*	6	0.7*	2	0.2*	12	1.3*	7	0.8*	5	0.5*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	1	1.5*	0	-	2	2.9*	0	-	1	1.5*	3	4.4*	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	47	0.5	29	0.3	59	0.6	54	0.5	62	0.6	26	0.3	48	0.5	68	0.7	36	0.4
LOS ANGELES	45	0.5	27	0.3	56	0.6	50	0.5	59	0.6	24	0.3	47	0.5	63	0.7	32	0.3
LONG BEACH	2	0.4*	2	0.4*	1	0.2*	4	0.8*	2	0.4*	2	0.4*	0	-	5	1.1*	2	0.4*
PASADENA	0	-	0	-	2	1.4*	0	-	1	0.7*	0	-	1	0.7*	0	-	2	1.4*
MADERA	1	0.7*	0	-	0	-	1	0.6*	2	1.3*	0	-	0	-	0	-	0	-
MARIN	10	3.8*	3	1.1*	10	3.8*	8	3.0*	7	2.7*	1	0.4*	3	1.2*	4	1.6*	5	2.0*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	1	5.8*	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	8	8.7*	3	3.3*	4	4.4*	2	2.2*	1	1.1*	0	-
MERCED	0	-	2	0.7*	1	0.4*	0	-	2	0.7*	0	-	0	-	1	0.4*	2	0.7*
MODOC	0	-	0	-	0	-	0	-	0	-	1	11.5*	2	23.3*	0	-	0	-
MONO	1	7.4*	0	-	0	-	0	-	0	-	0	-	0	-	1	7.6*	0	-
MONTEREY	1	0.2*	1	0.2*	4	0.9*	5	1.1*	2	0.5*	2	0.5*	8	1.8*	2	0.5*	4	0.9*
NAPA	0	-	0	-	0	-	5	3.6*	2	1.4*	0	-	3	2.2*	1	0.7*	1	0.7*
NEVADA	0	-	0	-	0	-	1	1.0*	3	2.9*	1	1.0*	0	-	5	5.0*	1	1.0*
ORANGE	28	0.9	13	0.4*	19	0.6	30	0.9	24	0.8	14	0.4*	25	0.8	31	1.0	27	0.9
PLACER	2	0.5*	1	0.3*	3	0.8*	1	0.3*	2	0.5*	1	0.2*	4	1.0*	0	-	2	0.5*
PLUMAS	1	5.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	11	0.5*	12	0.5*	6	0.3*	9	0.4*	10	0.4*	7	0.3*	12	0.5*	21	0.9	19	0.8
SACRAMENTO	5	0.3*	2	0.1*	4	0.3*	4	0.3*	10	0.6*	4	0.3*	6	0.4*	6	0.4*	14	0.9*
SAN BENITO	0	-	0	-	0	-	1	1.6*	3	4.7*	0	-	1	1.5*	2	3.0*	1	1.5*
SAN BERNARDINO	6	0.3*	3	0.1*	5	0.2*	11	0.5*	2	0.1*	6	0.3*	4	0.2*	1	0.0*	7	0.3*
SAN DIEGO	46	1.4	30	0.9	51	1.6	59	1.8	47	1.4	38	1.2	51	1.6	38	1.2	46	1.4
SAN FRANCISCO	19	2.2	4	0.5*	16	1.8*	9	1.0*	13	1.5*	2	0.2*	16	1.9*	9	1.1*	10	1.2*
SAN JOAQUIN	4	0.5*	3	0.4*	3	0.4*	3	0.4*	2	0.3*	0	-	3	0.4*	3	0.4*	3	0.4*
SAN LUIS OBISPO	4	1.4*	0	-	4	1.4*	6	2.1*	0	-	1	0.4*	2	0.7*	8	2.9*	4	1.4*
SAN MATEO	4	0.5*	3	0.4*	3	0.4*	12	1.6*	8	1.0*	11	1.4*	9	1.2*	12	1.6*	12	1.6*
SANTA BARBARA	7	1.6*	2	0.5*	12	2.7*	19	4.2	6	1.3*	4	0.9*	10	2.3*	13	2.9*	8	1.8*
SANTA CLARA	8	0.4*	2	0.1*	22	1.1	16	0.8*	17	0.9*	10	0.5*	19	1.0	12	0.6*	30	1.6
SANTA CRUZ	4	1.5*	2	0.7*	2	0.7*	2	0.7*	6	2.2*	1	0.4*	5	1.9*	5	1.9*	6	2.3*
SHASTA	0	-	0	-	1	0.6*	0	-	1	0.6*	2	1.1*	1	0.5*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	1	2.3*	2	4.6*	2	4.6*
SOLANO	2	0.5*	0	-	2	0.4*	2	0.4*	1	0.2*	1	0.2*	3	0.7*	1	0.2*	1	0.2*
SONOMA	5	1.0*	3	0.6*	4	0.8*	2	0.4*	10	2.0*	2	0.4*	4	0.8*	7	1.5*	6	1.3*
STANISLAUS	1	0.2*	1	0.2*	2	0.4*	2	0.4*	3	0.5*	2	0.4*	1	0.2*	2	0.4*	2	0.4*
SUTTER	1	1.0*	1	1.0*	1	1.0*	0	-	2	2.0*	2	2.0*	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	2	0.4*	2	0.4*	2	0.4*	1	0.2*	3	0.6*	5	1.1*	4	0.8*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	1	1.8*	2	3.7*	0	-	0	-
VENTURA	7	0.8*	2	0.2*	14	1.6*	25	2.9	9	1.1*	4	0.5*	7	0.8*	14	1.7*	16	1.9*
YOLO	1	0.5*	1	0.5*	1	0.5*	3	1.4*	3	1.4*	3	1.4*	3	1.4*	1	0.4*	1	0.4*
YUBA	0	-	0	-	1	1.3*	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	243	135	268	338	294	179	310	332	312	
JANUARY	11	6	11	5	13	10	1	10	13	
FEBRUARY	17	8	6	15	7	12	6	13	8	
MARCH	15	5	12	16	12	7	4	13	9	
APRIL	9	6	15	19	13	6	10	19	9	
MAY	12	3	18	21	19	11	10	12	16	
JUNE	29	17	13	34	29	5	21	21	32	
JULY	40	22	56	67	48	22	98	30	59	
AUGUST	41	37	51	71	68	43	63	85	58	
SEPTEMBER	27	18	35	33	34	22	37	50	49	
OCTOBER	22	6	29	27	25	24	24	43	26	
NOVEMBER	8	5	13	15	13	10	17	20	16	
DECEMBER	12	2	9	15	13	7	19	16	17	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Vibrio Infection (non-Cholera), Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	243	0.6	135	0.3	268	0.7	338	0.9	294	0.7	179	0.5	310	0.8	332	0.9	312	0.8
FEMALE	79	0.4	55	0.3	106	0.5	132	0.7	120	0.6	66	0.3	127	0.6	145	0.7	135	0.7
MALE	164	0.8	80	0.4	162	0.8	206	1.0	174	0.9	113	0.6	183	0.9	187	1.0	176	0.9
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera), Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	243	0.6	135	0.3	268	0.7	338	0.9	294	0.7	179	0.5	310	0.8	332	0.9	312	0.8
0	0	-	0	-	0	-	1	0.2*	2	0.4*	0	-	0	-	0	-	0	-
1-4	0	-	1	0.1*	0	-	2	0.1*	1	0.1*	3	0.2*	1	0.1*	3	0.2*	6	0.4*
5-9	5	0.2*	4	0.2*	2	0.1*	7	0.3*	1	0.0*	0	-	5	0.2*	4	0.2*	4	0.2*
10-14	7	0.3*	6	0.2*	8	0.3*	6	0.2*	6	0.2*	11	0.4*	3	0.1*	6	0.2*	10	0.4*
15-24	25	0.4	10	0.2*	15	0.3*	20	0.4	28	0.5	13	0.2*	14	0.3*	22	0.4	20	0.4
25-34	52	1.0	12	0.2*	44	0.8	60	1.1	46	0.9	35	0.6	59	1.1	56	1.0	39	0.7
35-44	39	0.8	20	0.4	54	1.0	59	1.1	48	0.9	31	0.6	59	1.2	55	1.1	39	0.8
45-54	38	0.7	31	0.6	38	0.7	43	0.8	36	0.7	27	0.6	60	1.3	51	1.1	45	1.0
55-64	30	0.6	25	0.5	45	0.9	66	1.3	53	1.1	24	0.5	44	0.9	53	1.1	53	1.1
65+	45	0.9	26	0.5	62	1.1	74	1.2	72	1.2	34	0.5	63	1.0	82	1.2	95	1.4
UNKNOWN	2	-	0	-	0	-	0	-	1	-	1	-	2	-	0	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

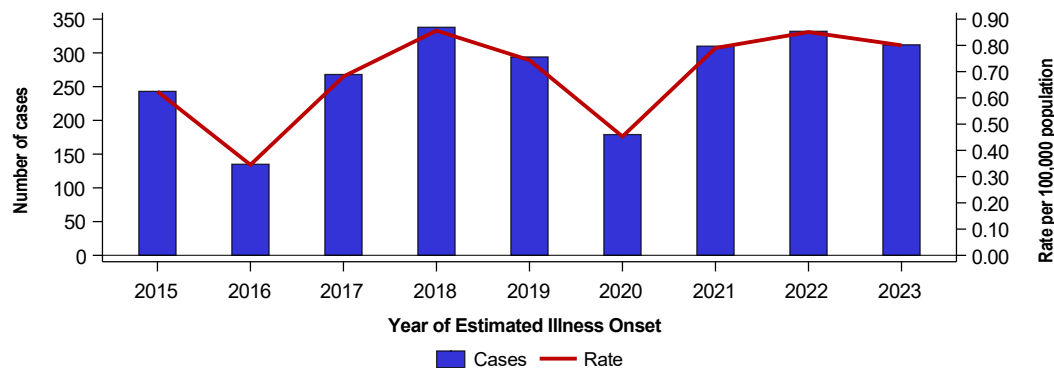
*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera), Cases by Race/Ethnicity, California, 2015-2023

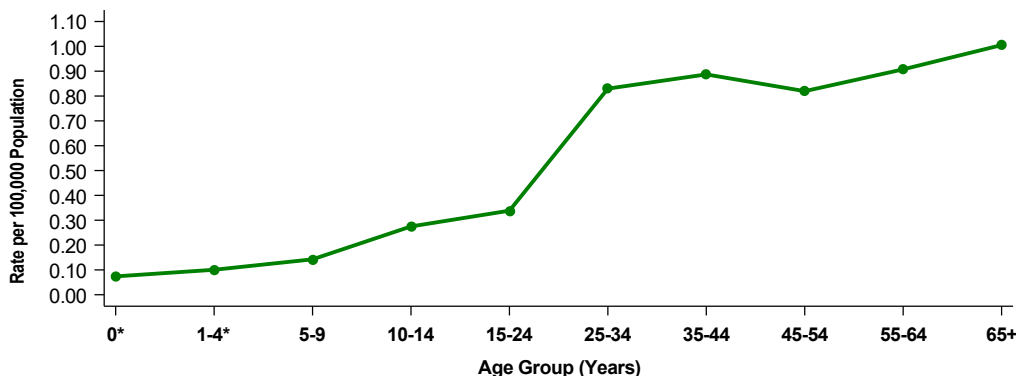
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	243	135	268	338	294	179	310	332	312	
WHITE, NON-HISPANIC	120	65	116	162	133	62	137	156	119	
HISPANIC/LATINO	59	35	56	69	64	44	74	86	77	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	11	10	32	28	22	16	30	20	30	
BLACK, NON-HISPANIC	9	2	5	9	6	6	6	9	6	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	1	0	0	2	0	1	
MULTIPLE RACE, NON-HISPANIC	2	1	4	6	0	4	5	4	2	
OTHER, NON-HISPANIC	6	1	9	13	10	14	14	9	22	
UNKNOWN	36	21	45	50	59	33	42	48	55	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Vibrio Infection (non-Cholera) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

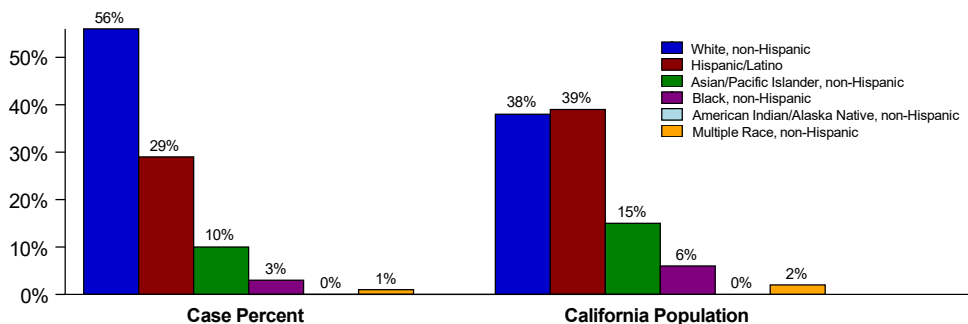


Vibrio Infection (non-Cholera) Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera) Cases and Population by Race/Ethnicity, California, 2015-2023



16.1% (n=389) of reported incidents of Vibrio Infection (non-Cholera) did not identify race/ethnicity and 4.1% (n=98) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	1	0.0*	1	0.0*	3	0.0*	0		1	0.0*	0		0		0		0		1	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	1	3	0	1	0	0	0	0	1
JANUARY	0	0	2	0	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	0	0	0
MARCH	0	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	0	0
JULY	0	1	0	0	1	0	0	0	0	1
AUGUST	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	0	0	0	0	0	0
NOVEMBER	1	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	1	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ciguatera Fish Poisoning, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																			
	2015		2016		2017		2018		2019		2020		2021		2022		2023			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	1	0.0*	1	0.0*	3	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
FEMALE	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
MALE	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2015		2016		2017		2018		2019		2020		2021		2022		2023			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	1	0.0*	1	0.0*	3	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

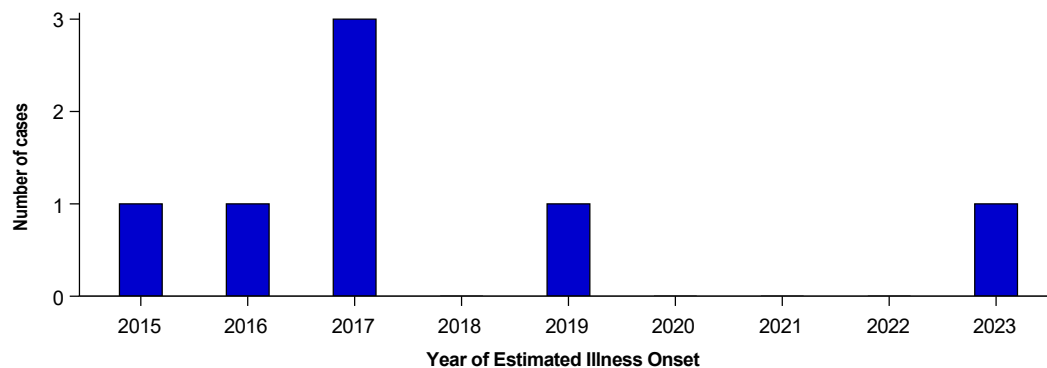
*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	1	3	0	1	0	0	0	1	
WHITE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
HISPANIC/LATINO	0	0	1	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	1	0	0	0	0	
UNKNOWN	1	0	1	0	0	0	0	0	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ciguatera Fish Poisoning Cases by Year of Estimated Illness Onset, California, 2015-2023



Coccidioidomycosis

Coccidioidomycosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3,183	8.2	5,575	14.2	7,715	19.6	7,642	19.4	9,093	23.0	7,260	18.4	8,051	20.5	7,474	19.2	9,054	23.2
ALAMEDA COUNTY TOTAL	39	2.4	48	2.9	66	4.0	76	4.6	97	5.8	68	4.1	99	6.0	79	4.8	91	5.6
ALAMEDA	38	2.5	48	3.2	66	4.3	75	4.9	96	6.2	67	4.3	98	6.3	76	5.0	90	5.9
BERKELEY	1	0.8*	0	-	0	-	1	0.8*	1	0.8*	1	0.8*	1	0.8*	3	2.4*	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	4	10.8*	0	-	1	2.6*	7	17.5*	5	12.4*	7	17.3*	3	7.5*	5	12.5*	9	22.5*
BUTTE	0	-	3	1.3*	4	1.7*	1	0.4*	6	2.6*	11	5.2*	13	6.3*	2	1.0*	5	2.4*
CALAVERAS	1	2.2*	1	2.2*	0	-	1	2.2*	3	6.6*	8	17.7*	1	2.2*	2	4.5*	1	2.2*
COLUSA	1	4.7*	1	4.6*	0	-	2	9.2*	3	13.8*	1	4.6*	0	-	1	4.6*	0	-
CONTRA COSTA	50	4.4	67	5.9	89	7.7	109	9.4	134	11.5	145	12.4	135	11.6	86	7.5	152	13.3
DEL NORTE	0	-	1	3.7*	1	3.7*	0	-	0	-	0	-	0	-	0	-	1	3.8*
EL DORADO	1	0.5*	2	1.1*	5	2.7*	2	1.1*	5	2.7*	3	1.6*	3	1.6*	6	3.2*	3	1.6*
FRESNO	280	28.8	614	62.8	834	84.6	645	64.9	625	62.4	449	44.6	410	40.6	448	44.3	567	55.8
GLENN	0	-	0	-	2	7.1*	0	-	2	7.0*	1	3.5*	3	10.4*	2	7.0*	1	3.5*
HUMBOLDT	1	0.7*	0	-	2	1.5*	0	-	2	1.5*	2	1.5*	2	1.5*	3	2.2*	1	0.7*
IMPERIAL	2	1.1*	11	6.1*	15	8.3*	19	10.5	17	9.4*	5	2.8*	1	0.6*	21	11.7	21	11.7
INYO	0	-	0	-	0	-	0	-	0	-	1	5.3*	3	15.9*	1	5.3*	1	5.3*
KERN	1,083	123.3	2,258	256.4	2,794	314.6	2,951	329.5	3,385	374.8	2,637	291.3	2,820	310.5	2,410	265.3	3,012	330.9
KINGS	104	70.0	235	159.2	273	183.3	173	114.5	220	145.0	157	103.2	169	111.5	168	111.0	269	176.6
LAKE	0	-	2	3.0*	2	2.9*	1	1.5*	2	2.9*	2	3.0*	0	-	0	-	0	-
LASSEN	9	28.4*	6	18.6*	0	-	1	3.0*	0	-	1	3.2*	0	-	1	3.4*	2	7.0*
LOS ANGELES COUNTY TOTAL	558	5.5	731	7.2	934	9.2	1,013	10.0	1,153	11.5	1,081	10.8	1,451	14.6	1,536	15.7	1,409	14.5
LOS ANGELES	521	5.5	714	7.5	906	9.5	996	10.4	1,092	11.4	1,023	10.9	1,379	14.7	1,461	15.8	1,338	14.5
LONG BEACH	36	7.6	15	3.2*	19	4.0	12	2.5*	57	12.1	55	11.8	53	11.5	66	14.3	66	14.4
PASADENA	1	0.7*	2	1.4*	9	6.3*	5	3.5*	4	2.8*	3	2.1*	19	13.6	9	6.5*	5	3.6*
MADERA	54	35.3	49	32.0	64	41.5	58	37.3	64	41.2	22	14.1	39	24.9	58	36.9	58	36.6
MARIN	1	0.4*	2	0.8*	4	1.5*	5	1.9*	5	1.9*	6	2.3*	7	2.7*	2	0.8*	6	2.4*
MARIPOSA	2	11.3*	3	17.0*	3	17.1*	1	5.8*	2	11.6*	1	5.8*	2	11.8*	1	5.9*	1	5.9*
MENDOCINO	1	1.1*	0	-	1	1.1*	0	-	3	3.3*	2	2.2*	1	1.1*	3	3.4*	0	-
MERCED	91	34.1	81	30.1	107	39.3	137	49.8	106	38.1	79	28.1	81	28.7	69	24.2	115	39.7
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	1	7.6*	0	-	0	-	2	15.1*	0	-	2	15.2*
MONTEREY	38	8.8	79	18.1	192	43.8	238	54.1	188	42.6	116	26.4	119	27.2	113	26.0	148	34.2
NAPA	0	-	2	1.4*	1	0.7*	1	0.7*	4	2.9*	1	0.7*	5	3.6*	1	0.7*	2	1.5*
NEVADA	0	-	0	-	0	-	1	1.0*	0	-	4	3.9*	1	1.0*	1	1.0*	1	1.0*
ORANGE	172	5.5	109	3.4	230	7.2	195	6.1	289	9.1	241	7.6	287	9.1	298	9.5	315	10.0
PLACER	5	1.3*	3	0.8*	2	0.5*	3	0.8*	12	3.0*	10	2.5*	9	2.2*	9	2.2*	12	2.9*
PLUMAS	0	-	0	-	0	-	2	10.2*	0	-	0	-	0	-	0	-	1	5.3*
RIVERSIDE	57	2.5	64	2.7	135	5.7	142	6.0	290	12.1	313	12.9	455	18.7	349	14.3	417	17.0
SACRAMENTO	23	1.5	27	1.8	41	2.7	43	2.8	103	6.6	57	3.6	81	5.1	54	3.4	66	4.2
SAN BENITO	0	-	3	5.0*	4	6.6*	3	4.9*	5	7.9*	2	3.1*	10	15.3*	2	3.0*	4	6.0*
SAN BERNARDINO	29	1.4	38	1.8	88	4.1	97	4.5	229	10.5	233	10.7	247	11.3	229	10.5	128	5.8
SAN DIEGO	113	3.5	132	4.0	274	8.4	276	8.4	417	12.7	461	14.0	448	13.6	415	12.7	449	13.6
SAN FRANCISCO	13	1.5*	7	0.8*	14	1.6*	12	1.4*	25	2.9	18	2.1*	29	3.5	19	2.3	28	3.4
SAN JOAQUIN	97	13.3	191	25.8	204	27.2	242	31.9	280	36.3	134	17.2	116	14.8	104	13.3	350	44.4
SAN LUIS OBISPO	65	23.2	259	91.9	439	155.6	347	122.6	268	94.8	178	63.0	173	62.1	144	51.5	238	84.7
SAN MATEO	5	0.7*	4	0.5*	18	2.4*	16	2.1*	27	3.5	17	2.2*	22	2.9	22	3.0	34	4.6
SANTA BARBARA	25	5.7	62	14.0	115	25.8	107	23.9	75	16.7	63	14.0	66	15.0	41	9.3	88	19.7
SANTA CLARA	17	0.9*	39	2.0	40	2.1	77	4.0	78	4.0	44	2.3	65	3.4	84	4.5	99	5.3
SANTA CRUZ	1	0.4*	9	3.3*	9	3.3*	14	5.1*	21	7.7	3	1.1*	17	6.5*	18	6.8*	17	6.4*
SHASTA	0	-	2	1.1*	0	-	0	-	0	-	1	0.5*	0	-	0	-	6	3.3*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	2	4.5*	2	4.5*	0	-	1	2.3*	2	4.5*	0	-	1	2.3*	0	-
SOLANO	19	4.4	16	3.6*	18	4.0*	17	3.8*	34	7.5	22	4.9	34	7.6	27	6.1	29	6.5
SONOMA	1	0.2*	2	0.4*	3	0.6*	3	0.6*	12	2.4*	7	1.4*	20	4.1	10	2.1*	15	3.1*
STANISLAUS	48	9.0	81	15.0	122	22.3	76	13.8	81	14.7	67	12.1	88	15.9	67	12.2	120	21.9
SUTTER	0	-	1	1.0*	3	3.1*	0	-	4	4.0*	1	1.0*	1	1.0*	0	-	1	1.0*
TEHAMA	0	-	1	1.6*	0	-	1	1.5*	2	3.1*	3	4.6*	2	3.1*	1	1.5*	2	3.1*
TRINITY	0	-	0	-	0	-	1	6.3*	0	-	0	-	0	-	0	-	0	-
TULARE	120	26.1	250	54.1	290	62.3	286	61.2	413	87.8	294	62.2	312	65.7	306	64.4	451	94.7
TUOLUMNE	1	1.8*	6	10.9*	6	10.9*	2	3.6*	1	1.8*	2	3.6*	1	1.8*	2	3.7*	2	3.8*
VENTURA	48	5.6	65	7.6	257	30.2	232	27.3	374	44.2	266	31.5	188	22.4	242	29.2	291	35.3
YOLO	4	1.9*	6	2.8*	4	1.9*	3	1.4*	16	7.4*	9	4.1*	8	3.7*	9	4.0*	13	5.8*
YUBA	0	-	0	-	3	3.8*	2	2.5*	5	6.2*	2	2.4*	2	2.4*	2	2.4*	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Data presented here includes cases reported to CDPH by June 18, 2024. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

Coccidioidomycosis

Coccidioidomycosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	3,183	5,575	7,715	7,642	9,093	7,260	8,051	7,474	9,054
JANUARY	217	290	373	1,037	744	717	768	594	606
FEBRUARY	182	276	287	620	683	730	685	536	489
MARCH	202	235	305	568	788	669	711	536	584
APRIL	231	276	282	486	656	480	583	619	479
MAY	174	211	337	546	691	443	601	678	527
JUNE	215	309	457	492	602	512	627	644	569
JULY	295	389	503	595	630	476	715	622	572
AUGUST	260	616	745	636	753	583	653	705	722
SEPTEMBER	328	734	837	587	744	598	668	687	750
OCTOBER	407	960	1,224	709	995	726	681	580	993
NOVEMBER	351	734	1,242	724	970	671	706	667	1,322
DECEMBER	321	545	1,123	642	837	655	653	606	1,441

For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Data presented here includes cases reported to CDPH by June 18, 2024. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

Coccidioidomycosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3,183	8.2	5,575	14.2	7,715	19.6	7,642	19.4	9,093	23.0	7,260	18.4	8,051	20.5	7,474	19.2	9,054	23.2
FEMALE	1,171	6.0	2,068	10.5	2,755	13.9	2,936	14.8	3,723	18.7	3,137	15.8	3,355	17.0	3,286	16.8	3,654	18.7
MALE	2,009	10.4	3,503	18.0	4,952	25.3	4,699	23.9	5,358	27.3	4,110	20.9	4,688	24.0	4,180	21.5	5,389	27.8
UNKNOWN	3	-	4	-	8	-	7	-	12	-	13	-	8	-	8	-	11	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Data presented here includes cases reported to CDPH by June 18, 2024. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

Coccidioidomycosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3,183	8.2	5,575	14.2	7,715	19.6	7,642	19.4	9,093	23.0	7,260	18.4	8,051	20.5	7,474	19.2	9,054	23.2
0	3	0.6*	3	0.6*	5	1.0*	8	1.7*	9	2.0*	9	2.1*	3	0.7*	4	0.9*	6	1.5*
1-4	15	0.8*	29	1.5	56	2.8	50	2.6	39	2.0	27	1.4	13	0.7*	23	1.3	24	1.4
5-9	47	1.9	110	4.3	150	6.0	118	4.7	101	4.1	53	2.1	63	2.5	78	3.2	104	4.3
10-14	58	2.3	193	7.6	243	9.5	218	8.5	185	7.3	120	4.6	125	4.9	134	5.3	195	7.8
15-24	314	5.6	608	11.0	818	14.9	746	13.8	846	15.9	604	10.8	606	11.0	574	10.6	794	14.6
25-34	449	8.3	827	15.4	1,179	21.9	1,156	21.6	1,318	24.7	959	17.8	1,047	19.4	932	17.2	1,181	21.6
35-44	536	10.4	943	18.3	1,257	24.3	1,260	24.4	1,454	28.1	1,259	25.2	1,233	24.9	1,142	23.4	1,472	30.4
45-54	577	10.9	1,070	20.3	1,446	27.6	1,428	27.8	1,612	31.7	1,213	25.0	1,373	28.7	1,213	25.7	1,514	32.4
55-64	559	11.9	900	18.8	1,323	27.2	1,269	25.6	1,611	32.3	1,350	27.8	1,571	32.8	1,437	30.5	1,571	33.8
65+	614	11.7	886	16.3	1,234	21.8	1,380	23.1	1,906	30.7	1,656	26.1	2,004	30.7	1,929	28.8	2,189	31.7
UNKNOWN	11	-	6	-	4	-	9	-	12	-	10	-	13	-	8	-	4	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Data presented here includes cases reported to CDPH by June 18, 2024. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

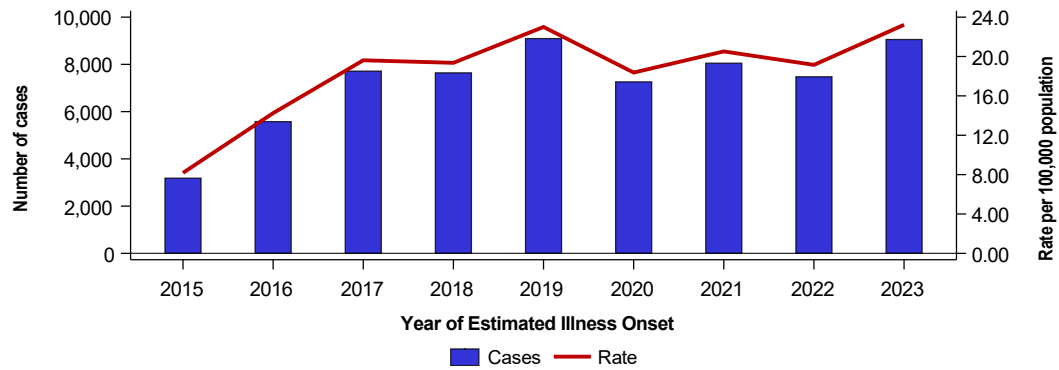
Coccidioidomycosis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	3,183	5,575	7,715	7,642	9,093	7,260	8,051	7,474	9,054
WHITE, NON-HISPANIC	805	1,252	1,737	1,730	1,733	1,542	1,679	1,515	1,794
HISPANIC/LATINO	876	1,776	2,280	2,256	2,077	1,833	2,145	1,999	2,416
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	164	273	406	386	375	269	373	347	519
BLACK, NON-HISPANIC	199	273	356	384	341	289	385	320	365
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	11	17	38	17	46	19	27	15	21
MULTIPLE RACE, NON-HISPANIC	5	22	16	10	19	10	11	9	9
OTHER, NON-HISPANIC	106	165	560	502	732	622	569	657	711
UNKNOWN	1,017	1,797	2,322	2,357	3,770	2,676	2,862	2,612	3,219

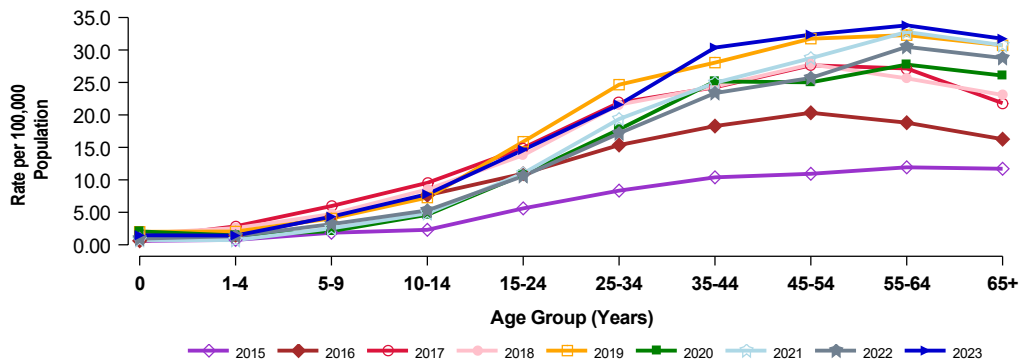
For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Data presented here includes cases reported to CDPH by June 18, 2024. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

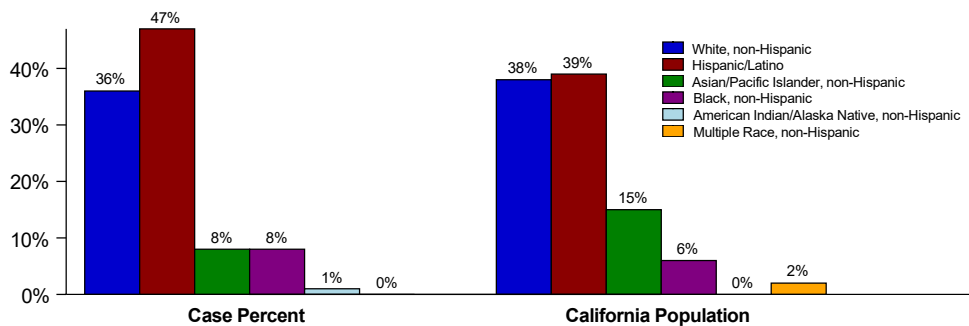
Coccidioidomycosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Coccidioidomycosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Coccidioidomycosis Cases and Population by Race/Ethnicity, California, 2015-2023



34.8% (n=22632) of reported incidents of Coccidioidomycosis did not identify race/ethnicity and 7.1% (n=4624) of reported incidents identified as "Other" race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	25	0.1	34	0.1	37	0.1	37	0.1	39	0.1	30	0.1	24	0.1	21	0.1	21	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	2	0.1*	7	0.4*	1	0.1*	1	0.1*	2	0.1*	1	0.1*	2	0.1*
ALAMEDA	0	-	0	-	2	0.1*	7	0.5*	1	0.1*	0	-	2	0.1*	1	0.1*	2	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	1	0.4*	1	0.4*	1	0.4*	1	0.4*	0	-	1	0.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	0	-	1	0.1*	1	0.1*	2	0.2*	3	0.3*	1	0.1*	0	-	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
IMPERIAL	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	2	0.2*	3	0.3*	0	-	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	7	0.1*	9	0.1*	6	0.1*	8	0.1*	6	0.1*	7	0.1*	6	0.1*	9	0.1*
LOS ANGELES	2	0.0*	7	0.1*	9	0.1*	6	0.1*	8	0.1*	6	0.1*	7	0.1*	4	0.0*	8	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	2	1.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	1	0.0*	2	0.1*	4	0.1*	2	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-
PLACER	0	-	1	0.3*	0	-	2	0.5*	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*	2	0.1*	2	0.1*	1	0.0*	0	-	0	-	1	0.0*
SACRAMENTO	2	0.1*	2	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.1*	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	3	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*
SAN DIEGO	4	0.1*	4	0.1*	8	0.2*	2	0.1*	9	0.3*	3	0.1*	2	0.1*	0	-	1	0.0*
SAN FRANCISCO	0	-	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	4	1.4*	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-
SAN MATEO	1	0.1*	1	0.1*	3	0.4*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	4	0.2*	2	0.1*	4	0.2*	1	0.1*	1	0.1*	3	0.2*	3	0.2*	0	-	2	0.1*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SHASTA	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	3	1.7*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
SONOMA	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	2	0.4*	0	-
STANISLAUS	2	0.4*	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*	0	-	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	2	0.2*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*
YOLO	1	0.5*	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.4*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
For inclusion/exclusion criteria, please refer to the Technical Notes.
*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	25	34	37	37	39	30	24	21	21	
JANUARY	1	1	4	1	3	7	2	3	1	
FEBRUARY	1	3	4	4	2	3	3	2	3	
MARCH	1	4	4	3	6	2	1	1	3	
APRIL	2	1	5	0	3	2	4	1	1	
MAY	4	2	4	3	1	4	2	2	4	
JUNE	2	3	0	3	1	1	3	2	2	
JULY	0	6	1	3	3	3	1	1	0	
AUGUST	6	2	1	4	3	3	3	3	1	
SEPTEMBER	3	3	4	5	4	2	0	2	3	
OCTOBER	1	2	2	3	6	1	1	1	2	
NOVEMBER	1	4	2	3	3	2	2	1	1	
DECEMBER	3	3	6	5	4	0	2	2	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	25	0.1	34	0.1	37	0.1	37	0.1	39	0.1	30	0.1	24	0.1	21	0.1	21	0.1
FEMALE	9	0.0*	19	0.1	21	0.1	17	0.1*	19	0.1	15	0.1*	7	0.0*	15	0.1*	12	0.1*
MALE	16	0.1*	15	0.1*	16	0.1*	19	0.1	20	0.1	15	0.1*	17	0.1*	6	0.0*	9	0.0*
UNKNOWN	0	-	0	-	0	-	1	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	25	0.1	34	0.1	37	0.1	37	0.1	39	0.1	30	0.1	24	0.1	21	0.1	21	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
25-34	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
35-44	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
45-54	3	0.1*	4	0.1*	2	0.0*	3	0.1*	2	0.0*	3	0.1*	2	0.0*	2	0.0*	2	0.0*
55-64	12	0.3*	12	0.3*	8	0.2*	13	0.3*	14	0.3*	11	0.2*	9	0.2*	6	0.1*	4	0.1*
65+	10	0.2*	17	0.3*	27	0.5	20	0.3	23	0.4	15	0.2*	13	0.2*	12	0.2*	15	0.2*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

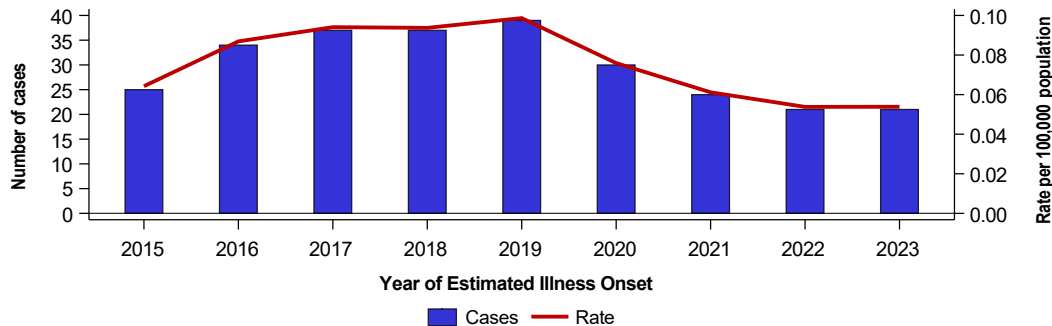
*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Race/Ethnicity, California, 2015-2023

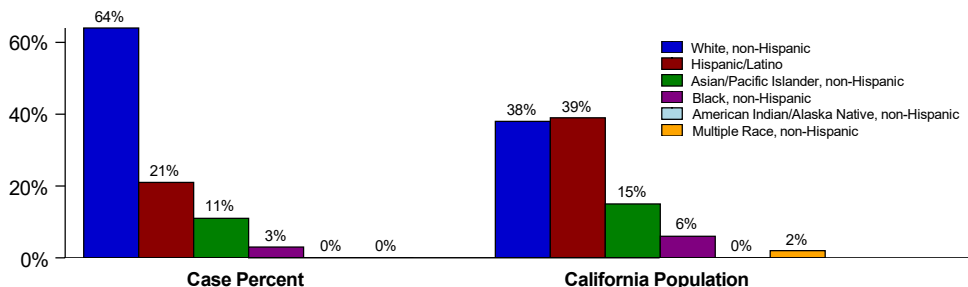
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	25	34	37	37	39	30	24	21	21	
WHITE, NON-HISPANIC	19	19	16	15	19	13	14	10	9	
HISPANIC/LATINO	1	3	5	6	7	6	3	5	8	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	4	1	4	3	5	1	2	3	
BLACK, NON-HISPANIC	1	0	2	1	1	0	0	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	1	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	3	0	0	0	3	1	1	
UNKNOWN	3	8	9	11	9	5	3	2	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies Cases and Population by Race/Ethnicity, California, 2015-2023



18.7% (n=50) of reported incidents of Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies did not identify race/ethnicity and 3% (n=8) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cryptosporidiosis

Cryptosporidiosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	381	1.0	436	1.1	661	1.7	671	1.7	762	1.9	390	1.0	533	1.4	949	2.4	1,008	2.6
ALAMEDA COUNTY TOTAL	10	0.6*	14	0.8*	28	1.7	20	1.2	27	1.6	9	0.5*	15	0.9*	19	1.2	28	1.7
ALAMEDA	9	0.6*	14	0.9*	26	1.7	20	1.3	25	1.6	8	0.5*	14	0.9*	19	1.3	27	1.8
BERKELEY	1	0.8*	0	-	2	1.7*	0	-	2	1.6*	1	0.8*	1	0.8*	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.6*	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	15	6.5*	17	7.4*	9	3.9*	18	7.7*	21	9.3	9	4.3*	10	4.8*	17	8.2*	9	4.3*
CALAVERAS	0	-	1	2.2*	0	-	0	-	1	2.2*	0	-	0	-	0	-	0	-
COLUSA	0	-	1	4.6*	1	4.6*	0	-	0	-	0	-	0	-	0	-	2	9.1*
CONTRA COSTA	6	0.5*	10	0.9*	6	0.5*	7	0.6*	9	0.8*	5	0.4*	11	0.9*	16	1.4*	18	1.6*
DEL NORTE	1	3.7*	1	3.7*	2	7.4*	4	14.5*	1	3.6*	0	-	2	7.3*	1	3.8*	1	3.8*
EL DORADO	1	0.5*	1	0.5*	3	1.6*	3	1.6*	7	3.7*	2	1.0*	3	1.6*	4	2.1*	2	1.1*
FRESNO	13	1.3*	10	1.0*	13	1.3*	11	1.1*	16	1.6*	3	0.3*	12	1.2*	10	1.0*	10	1.0*
GLENN	0	-	0	-	2	7.1*	0	-	1	3.5*	0	-	0	-	0	-	2	7.0*
HUMBOLDT	6	4.4*	3	2.2*	1	0.7*	2	1.5*	5	3.7*	1	0.7*	4	3.0*	4	3.0*	1	0.7*
IMPERIAL	0	-	1	0.6*	1	0.6*	0	-	1	0.6*	2	1.1*	3	1.7*	4	2.2*	4	2.2*
INYO	2	10.6*	0	-	2	10.6*	2	10.6*	9	47.5*	5	26.3*	3	15.9*	8	42.4*	5	26.5*
KERN	5	0.6*	6	0.7*	6	0.7*	17	1.9*	16	1.8*	11	1.2*	14	1.5*	13	1.4*	27	3.0
KINGS	1	0.7*	0	-	0	-	0	-	5	3.3*	1	0.7*	3	2.0*	2	1.3*	4	2.6*
LAKE	1	1.5*	0	-	1	1.5*	0	-	0	-	0	-	1	1.5*	4	5.9*	1	1.5*
LASSEN	2	6.3*	1	3.1*	1	3.1*	1	3.0*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	61	0.6	105	1.0	168	1.7	183	1.8	178	1.8	115	1.1	129	1.3	264	2.7	260	2.7
LOS ANGELES	54	0.6	97	1.0	150	1.6	175	1.8	161	1.7	102	1.1	114	1.2	246	2.7	237	2.6
LONG BEACH	5	1.1*	8	1.7*	17	3.6*	8	1.7*	14	3.0*	11	2.4*	14	3.0*	18	3.9*	21	4.6
PASADENA	2	1.4*	0	-	1	0.7*	0	-	3	2.1*	2	1.4*	1	0.7*	0	-	2	1.4*
MADERA	0	-	0	-	2	1.3*	0	-	1	0.6*	0	-	2	1.3*	2	1.3*	0	-
MARIN	15	5.7*	17	6.4*	39	14.7	25	9.4	3	1.1*	4	1.5*	5	1.9*	3	1.2*	3	1.2*
MARIPOSA	0	-	1	5.7*	0	-	0	-	1	5.8*	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	4	4.4*	0	-	0	-	1	1.1*	13	14.5*	4	4.5*
MERCED	0	-	1	0.4*	0	-	2	0.7*	2	0.7*	5	1.8*	1	0.4*	1	0.4*	1	0.3*
MODOC	0	-	0	-	0	-	0	-	2	23.0*	0	-	0	-	9	104.2*	1	11.5*
MONO	0	-	0	-	1	7.5*	0	-	2	15.1*	2	15.0*	1	7.5*	0	-	1	7.6*
MONTEREY	2	0.5*	6	1.4*	3	0.7*	4	0.9*	2	0.5*	1	0.2*	5	1.1*	5	1.2*	8	1.8*
NAPA	1	0.7*	0	-	4	2.9*	0	-	5	3.6*	1	0.7*	0	-	4	3.0*	2	1.5*
NEVADA	2	2.0*	2	2.0*	1	1.0*	0	-	1	1.0*	0	-	2	2.0*	3	3.0*	1	1.0*
ORANGE	29	0.9	25	0.8	34	1.1	26	0.8	46	1.4	25	0.8	28	0.9	55	1.7	57	1.8
PLACER	3	0.8*	1	0.3*	2	0.5*	2	0.5*	3	0.7*	5	1.2*	6	1.5*	6	1.5*	15	3.6*
PLUMAS	0	-	1	5.1*	1	5.1*	1	5.1*	0	-	2	10.1*	0	-	0	-	1	5.3*
RIVERSIDE	17	0.7*	22	0.9	19	0.8	31	1.3	52	2.2	21	0.9	43	1.8	61	2.5	63	2.6
SACRAMENTO	6	0.4*	11	0.7*	19	1.2	16	1.0*	19	1.2	18	1.1*	22	1.4	20	1.3	33	2.1
SAN BENITO	0	-	0	-	0	-	2	3.2*	9	14.2*	2	3.1*	3	4.6*	2	3.0*	5	7.5*
SAN BERNARDINO	6	0.3*	9	0.4*	8	0.4*	15	0.7*	11	0.5*	7	0.3*	5	0.2*	14	0.6*	21	1.0
SAN DIEGO	25	0.8	34	1.0	55	1.7	90	2.7	99	3.0	29	0.9	56	1.7	95	2.9	132	4.0
SAN FRANCISCO	45	5.3	23	2.7	29	3.3	20	2.3	16	1.8*	9	1.0*	30	3.6	70	8.4	34	4.1
SAN JOAQUIN	1	0.1*	1	0.1*	32	4.3	5	0.7*	8	1.0*	5	0.6*	2	0.3*	5	0.6*	15	1.9*
SAN LUIS OBISPO	6	2.1*	8	2.8*	9	3.2*	9	3.2*	8	2.8*	3	1.1*	2	0.7*	13	4.6*	8	2.8*
SAN MATEO	40	5.3	23	3.0	30	3.9	16	2.1*	33	4.3	9	1.2*	17	2.3*	36	4.9	35	4.8
SANTA BARBARA	7	1.6*	15	3.4*	19	4.3	35	7.8	27	6.0	16	3.6*	18	4.1*	44	9.9	45	10.1
SANTA CLARA	16	0.8*	24	1.2	38	2.0	37	1.9	48	2.5	18	0.9*	19	1.0	43	2.3	51	2.7
SANTA CRUZ	4	1.5*	9	3.3*	12	4.4*	11	4.0*	6	2.2*	7	2.6*	8	3.0*	6	2.3*	9	3.4*
SHASTA	1	0.6*	0	-	3	1.7*	1	0.6*	3	1.7*	2	1.1*	0	-	3	1.7*	3	1.7*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	0	-	0	-	2	4.5*	0	-	2	4.6*	0	-	1	2.3*
SOLANO	3	0.7*	2	0.5*	5	1.1*	1	0.2*	3	0.7*	0	-	5	1.1*	3	0.7*	4	0.9*
SONOMA	5	1.0*	3	0.6*	7	1.4*	6	1.2*	7	1.4*	5	1.0*	7	1.4*	8	1.7*	10	2.1*
STANISLAUS	1	0.2*	1	0.2*	4	0.7*	4	0.7*	1	0.2*	4	0.7*	1	0.2*	1	0.2*	5	0.9*
SUTTER	1	1.0*	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	1	1.0*
TEHAMA	0	-	0	-	2	3.1*	0	-	4	6.1*	1	1.5*	4	6.1*	2	3.1*	4	6.2*
TRINITY	0	-	0	-	0	-	0	-	1	6.2*	0	-	0	-	0	-	0	-
TULARE	8	1.7*	8	1.7*	12	2.6*	6	1.3*	15	3.2*	5	1.1*	8	1.7*	14	2.9*	19	4.0
TUOLUMNE	0	-	1	1.8*	1	1.8*	1	1.8*	1	1.8*	0	-	0	-	0	-	2	3.8*
VENTURA	7	0.8*	15	1.8*	17	2.0*	27	3.2	21	2.5	16	1.9*	16	1.9*	33	4.0	30	3.6
YOLO	4	1.9*	2	0.9*	7	3.3*	4	1.8*	3	1.4*	3	1.4*	3	1.4*	7	3.1*	7	3.1*
YUBA	1	1.3*	0	-	0	-	2	2.5*	0	-	1	1.2*	1	1.2*	2	2.4*	3	3.6*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis

Cryptosporidiosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	381	436	661	671	762	390	533	949	1,008
JANUARY	30	32	32	44	53	69	14	56	59
FEBRUARY	19	33	26	36	31	49	21	41	68
MARCH	32	21	30	36	33	26	26	64	79
APRIL	21	18	27	35	54	15	29	82	97
MAY	31	31	41	46	49	32	41	86	77
JUNE	29	33	57	63	78	33	59	86	58
JULY	30	50	93	97	99	25	51	82	107
AUGUST	42	68	107	82	82	40	66	116	133
SEPTEMBER	43	43	87	70	71	29	57	73	95
OCTOBER	36	39	68	56	76	34	56	97	77
NOVEMBER	29	38	44	53	75	23	61	94	81
DECEMBER	39	30	49	53	61	15	52	72	77

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cryptosporidiosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	381	1.0	436	1.1	661	1.7	671	1.7	762	1.9	390	1.0	533	1.4	949	2.4	1,008	2.6
FEMALE	144	0.7	181	0.9	300	1.5	284	1.4	372	1.9	146	0.7	192	1.0	461	2.4	457	2.3
MALE	235	1.2	253	1.3	360	1.8	387	2.0	386	2.0	241	1.2	337	1.7	486	2.5	550	2.8
UNKNOWN	2	-	2	-	1	-	0	-	4	-	3	-	4	-	2	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	381	1.0	436	1.1	661	1.7	671	1.7	762	1.9	390	1.0	533	1.4	949	2.4	1,008	2.6
0	2	0.4*	3	0.6*	7	1.5*	3	0.7*	1	0.2*	4	0.9*	3	0.7*	7	1.7*	2	0.5*
1-4	22	1.1	32	1.6	50	2.5	35	1.8	38	2.0	16	0.9*	28	1.5	32	1.8	55	3.3
5-9	25	1.0	29	1.1	26	1.0	31	1.2	27	1.1	16	0.6*	11	0.4*	33	1.3	36	1.5
10-14	19	0.8	30	1.2	37	1.5	26	1.0	37	1.5	8	0.3*	18	0.7*	26	1.0	42	1.7
15-24	43	0.8	52	0.9	92	1.7	94	1.7	101	1.9	44	0.8	63	1.1	97	1.8	119	2.2
25-34	75	1.4	75	1.4	147	2.7	136	2.5	146	2.7	98	1.8	127	2.3	193	3.6	257	4.7
35-44	54	1.0	57	1.1	97	1.9	101	2.0	120	2.3	55	1.1	89	1.8	152	3.1	162	3.3
45-54	57	1.1	65	1.2	68	1.3	98	1.9	96	1.9	52	1.1	67	1.4	123	2.6	95	2.0
55-64	45	1.0	49	1.0	64	1.3	67	1.4	87	1.7	43	0.9	61	1.3	105	2.2	103	2.2
65+	39	0.7	43	0.8	73	1.3	80	1.3	109	1.8	54	0.8	62	1.0	180	2.7	137	2.0
UNKNOWN	0	-	1	-	0	-	0	-	0	-	0	-	4	-	1	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

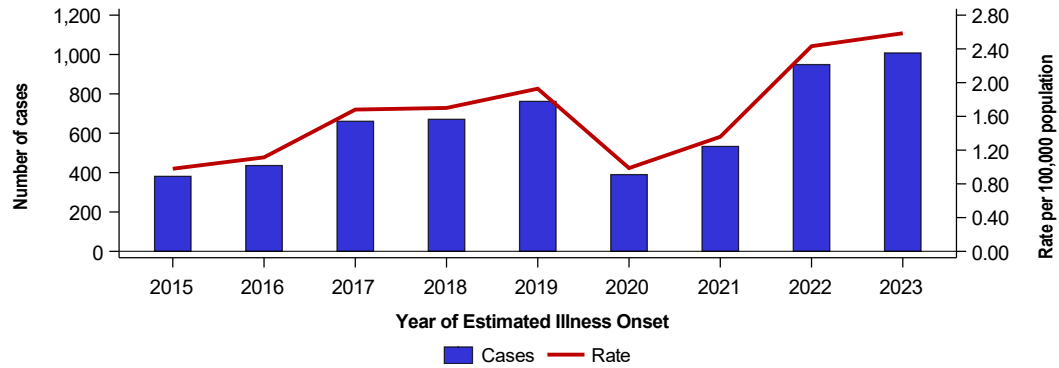
*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis, Cases by Race/Ethnicity, California, 2015-2023

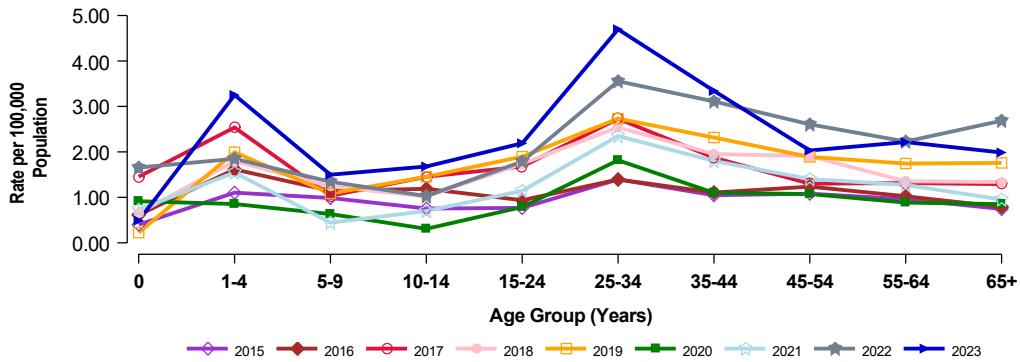
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	381	436	661	671	762	390	533	949	1,008
WHITE, NON-HISPANIC	162	167	249	269	268	139	187	396	370
HISPANIC/LATINO	67	90	153	149	187	84	154	214	275
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	15	17	39	21	31	8	26	49	55
BLACK, NON-HISPANIC	22	19	26	21	19	20	27	44	40
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	3	0	0	0	1	1
MULTIPLE RACE, NON-HISPANIC	1	0	0	2	2	4	2	3	4
OTHER, NON-HISPANIC	11	14	30	32	50	28	28	83	100
UNKNOWN	103	129	163	174	205	107	109	159	163

For inclusion/exclusion criteria, please refer to the Technical Notes.

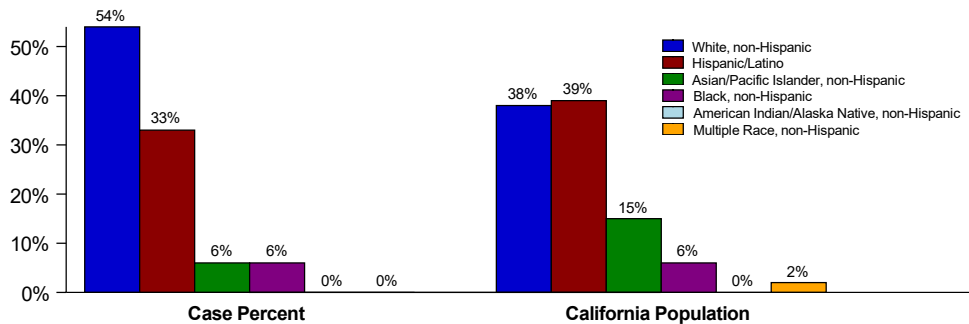
Cryptosporidiosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Cryptosporidiosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Cryptosporidiosis Cases and Population by Race/Ethnicity, California, 2015-2023



22.7% (n=1312) of reported incidents of Cryptosporidiosis did not identify race/ethnicity and 6.5% (n=376) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cyclosporiasis

Cyclosporiasis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	15	0.0*	22	0.1	64	0.2	172	0.4	91	0.2	19	0.0	72	0.2	157	0.4	148	0.4
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	2	0.1*	6	0.4*	0	-	0	-	8	0.5*	11	0.7*	6	0.4*
ALAMEDA	1	0.1*	0	-	1	0.1*	4	0.3*	0	-	0	-	8	0.5*	8	0.5*	6	0.4*
BERKELEY	0	-	0	-	1	0.8*	2	1.6*	0	-	0	-	0	-	3	2.4*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.5*	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	2	1.0*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.6*	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-	0	-	4	0.3*	5	0.4*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-	2	1.1*	0	-	0	-	0	-	1	0.5*	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*	1	0.7*
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	3	1.7*	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	4	0.4*	3	0.3*	0	-	2	0.2*	2	0.2*	4	0.4*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	1	0.7*	0	-
LAKE	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-	1	1.5*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	6	0.1*	16	0.2*	33	0.3	31	0.3	3	0.0*	3	0.0*	26	0.3	14	0.1*
LOS ANGELES	0	-	4	0.0*	14	0.1*	29	0.3	28	0.3	3	0.0*	0	-	21	0.2	9	0.1*
LONG BEACH	1	0.2*	2	0.4*	2	0.4*	4	0.8*	3	0.6*	0	-	3	0.7*	5	1.1*	5	1.1*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	2	0.8*	2	0.8*	1	0.4*	1	0.4*	3	1.2*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	1	1.1*	0	-	2	2.2*	0	-	1	1.1*
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	11.5*
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	7.6*
MONTEREY	0	-	0	-	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	1	0.2*	2	0.5*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	2.0*
ORANGE	0	-	1	0.0*	2	0.1*	6	0.2*	8	0.3*	2	0.1*	8	0.3*	16	0.5*	12	0.4*
PLACER	0	-	0	-	1	0.3*	3	0.8*	0	-	0	-	0	-	1	0.2*	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	3	0.1*	1	0.0*	3	0.1*	0	-	8	0.3*	10	0.4*	6	0.2*
SACRAMENTO	0	-	0	-	0	-	2	0.1*	1	0.1*	0	-	3	0.2*	3	0.2*	5	0.3*
SAN BENITO	0	-	0	-	0	-	0	-	1	1.6*	1	1.6*	0	-	0	-	1	1.5*
SAN BERNARDINO	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	0	-	0	-	2	0.1*	4	0.2*
SAN DIEGO	1	0.0*	1	0.0*	5	0.2*	8	0.2*	10	0.3*	3	0.1*	3	0.1*	13	0.4*	20	0.6
SAN FRANCISCO	1	0.1*	0	-	4	0.5*	35	4.0	4	0.5*	2	0.2*	7	0.8*	18	2.2*	8	1.0*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	2	0.7*	0	-	1	0.4*	3	1.1*	5	1.8*
SAN MATEO	3	0.4*	2	0.3*	4	0.5*	25	3.3	3	0.4*	0	-	4	0.5*	2	0.3*	9	1.2*
SANTA BARBARA	2	0.5*	1	0.2*	3	0.7*	1	0.2*	5	1.1*	2	0.4*	7	1.6*	6	1.4*	6	1.3*
SANTA CLARA	3	0.2*	3	0.2*	8	0.4*	29	1.5	5	0.3*	0	-	7	0.4*	10	0.5*	11	0.6*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	1.1*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.3*	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*
SONOMA	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	1	1.0*	0	-	2	2.0*	0	-	1	1.0*	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	5	1.1*	0	-	0	-	2	0.4*	1	0.2*	3	0.6*	2	0.4*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.2*	4	0.5*	9	1.1*	5	0.6*	8	0.9*	1	0.1*	3	0.4*	10	1.2*	11	1.3*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis

Cyclosporiasis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	15	22	64	172	91	19	72	157	148	
JANUARY	0	0	0	0	2	0	0	1	2	
FEBRUARY	0	0	0	1	3	1	0	0	1	
MARCH	0	1	1	0	0	1	0	0	1	
APRIL	1	0	0	4	2	1	0	4	5	
MAY	2	3	6	54	7	0	4	35	24	
JUNE	3	3	27	63	42	1	30	36	42	
JULY	6	4	20	31	21	9	24	49	44	
AUGUST	1	6	4	12	6	3	9	22	18	
SEPTEMBER	0	4	1	4	3	2	4	5	5	
OCTOBER	1	1	2	1	2	0	0	3	2	
NOVEMBER	1	0	2	1	2	1	0	1	3	
DECEMBER	0	0	1	1	1	0	1	1	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cyclosporiasis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	15	0.0*	22	0.1	64	0.2	172	0.4	91	0.2	19	0.0	72	0.2	157	0.4	148	0.4
FEMALE	8	0.0*	10	0.1*	29	0.1	82	0.4	44	0.2	9	0.0*	35	0.2	76	0.4	85	0.4
MALE	7	0.0*	12	0.1*	35	0.2	90	0.5	46	0.2	10	0.1*	37	0.2	80	0.4	62	0.3
UNKNOWN	0	-	0	-	0	-	0	-	1	-	0	-	0	-	1	-	1	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	15	0.0*	22	0.1	64	0.2	172	0.4	91	0.2	19	0.0	72	0.2	157	0.4	148	0.4
0	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
10-14	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.1*
15-24	0	-	4	0.1*	2	0.0*	14	0.3*	5	0.1*	0	-	1	0.0*	15	0.3*	7	0.1*
25-34	4	0.1*	3	0.1*	12	0.2*	19	0.4	5	0.1*	2	0.0*	16	0.3*	37	0.7	22	0.4
35-44	2	0.0*	3	0.1*	11	0.2*	43	0.8	19	0.4	4	0.1*	19	0.4	30	0.6	27	0.6
45-54	3	0.1*	2	0.0*	13	0.2*	30	0.6	20	0.4	4	0.1*	13	0.3*	31	0.7	26	0.6
55-64	3	0.1*	6	0.1*	5	0.1*	27	0.5	18	0.4*	2	0.0*	11	0.2*	14	0.3*	34	0.7
65+	3	0.1*	3	0.1*	19	0.3	21	0.4	22	0.4	4	0.1*	11	0.2*	29	0.4	29	0.4
UNKNOWN	0	-	1	-	0	-	14	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

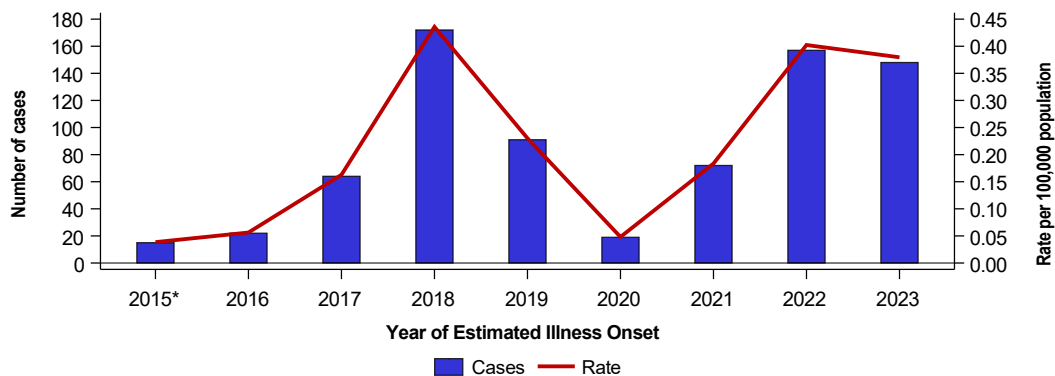
*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	15	22	64	172	91	19	72	157	148	
WHITE, NON-HISPANIC	5	6	30	60	28	8	21	46	57	
HISPANIC/LATINO	4	7	13	23	36	6	22	40	50	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	0	3	7	0	0	3	11	12	
BLACK, NON-HISPANIC	0	0	0	2	0	0	3	5	4	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	5	0	0	0	1	1	
OTHER, NON-HISPANIC	0	0	1	9	3	1	3	11	6	
UNKNOWN	5	9	17	66	24	4	20	43	18	

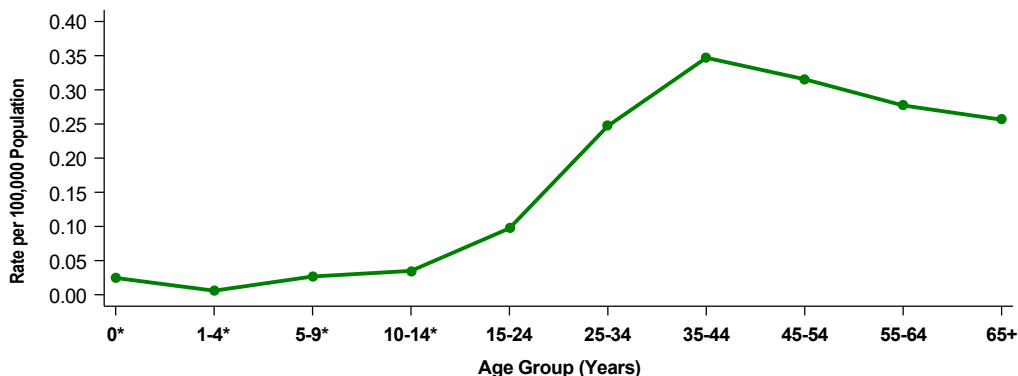
For inclusion/exclusion criteria, please refer to the Technical Notes.

Cyclosporiasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



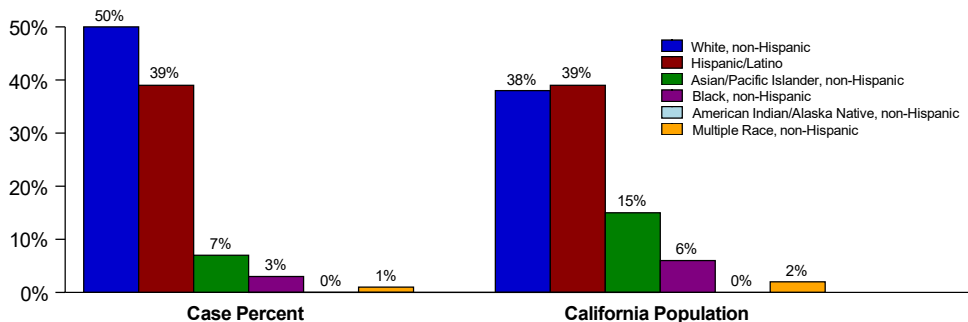
*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis Cases and Population by Race/Ethnicity, California, 2015-2023



27.1% (n=206) of reported incidents of Cyclosporiasis did not identify race/ethnicity and 4.5% (n=34) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*	17	0.0*	18	0.0*	21	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	3	0.2*	2	0.1*	1	0.1*	1	0.1*	3	0.2*	1	0.1*	2	0.1*	3	0.2*
ALAMEDA	1	0.1*	2	0.1*	2	0.1*	1	0.1*	1	0.1*	3	0.2*	1	0.1*	2	0.1*	3	0.2*
BERKELEY	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.4*	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.6*	0	-
CONTRA COSTA	0	-	1	0.1*	1	0.1*	0	-	0	-	2	0.2*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	3	0.3*	1	0.1*	2	0.2*	2	0.2*	0	-	0	-	0	-	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-
KINGS	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	11	0.1*	7	0.1*	9	0.1*	4	0.0*	6	0.1*	1	0.0*	3	0.0*	3	0.0*	3	0.0*
LOS ANGELES	11	0.1*	4	0.0*	7	0.1*	4	0.0*	6	0.1*	1	0.0*	3	0.0*	3	0.0*	3	0.0*
LONG BEACH	0	-	3	0.6*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	1	0.4*	2	0.7*	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	4	0.1*	5	0.2*	6	0.2*	2	0.1*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	7	0.3*	2	0.1*	0	-	3	0.1*	0	-	0	-	2	0.1*	1	0.0*	2	0.1*
SACRAMENTO	0	-	1	0.1*	2	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-
SAN BERNARDINO	2	0.1*	2	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.1*	1	0.0*	3	0.1*	3	0.1*
SAN FRANCISCO	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-	2	0.2*	1	0.1*	1	0.1*
SAN JOAQUIN	2	0.3*	2	0.3*	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	0	-	3	0.2*	0	-	0	-	2	0.1*	1	0.1*	5	0.3*	2	0.1*	3	0.2*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	2	0.4*	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*
YOLO	0	-	0	-	0	-	2	0.9*	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	33	35	29	20	16	14	17	18	21	
JANUARY	3	3	2	1	2	1	0	1	2	
FEBRUARY	3	1	4	0	2	0	3	1	4	
MARCH	5	4	1	1	0	2	1	2	2	
APRIL	3	2	4	2	1	2	4	1	2	
MAY	1	3	2	4	1	1	1	0	4	
JUNE	2	5	2	4	3	3	1	2	1	
JULY	4	5	5	0	3	1	2	0	0	
AUGUST	1	3	2	1	3	0	1	6	2	
SEPTEMBER	4	1	4	3	0	1	1	3	1	
OCTOBER	5	3	2	2	0	2	1	1	0	
NOVEMBER	1	3	1	0	0	0	1	1	2	
DECEMBER	1	2	0	2	1	1	1	0	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Cysticercosis or Taeniasis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*	17	0.0*	18	0.0*	21	0.1
FEMALE	8	0.0*	16	0.1*	13	0.1*	8	0.0*	7	0.0*	6	0.0*	7	0.0*	7	0.0*	4	0.0*
MALE	25	0.1	19	0.1	16	0.1*	12	0.1*	9	0.0*	8	0.0*	10	0.1*	11	0.1*	17	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*	17	0.0*	18	0.0*	21	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	1	0.0*	0	-
15-24	2	0.0*	2	0.0*	6	0.1*	1	0.0*	3	0.1*	3	0.1*	0	-	1	0.0*	1	0.0*
25-34	6	0.1*	7	0.1*	2	0.0*	4	0.1*	4	0.1*	1	0.0*	2	0.0*	6	0.1*	4	0.1*
35-44	12	0.2*	13	0.3*	7	0.1*	5	0.1*	4	0.1*	1	0.0*	6	0.1*	6	0.1*	5	0.1*
45-54	5	0.1*	5	0.1*	7	0.1*	8	0.2*	5	0.1*	5	0.1*	4	0.1*	1	0.0*	6	0.1*
55-64	5	0.1*	5	0.1*	5	0.1*	2	0.0*	0	-	1	0.0*	0	-	2	0.0*	3	0.1*
65+	2	0.0*	3	0.1*	2	0.0*	0	-	0	-	1	0.0*	5	0.1*	1	0.0*	2	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

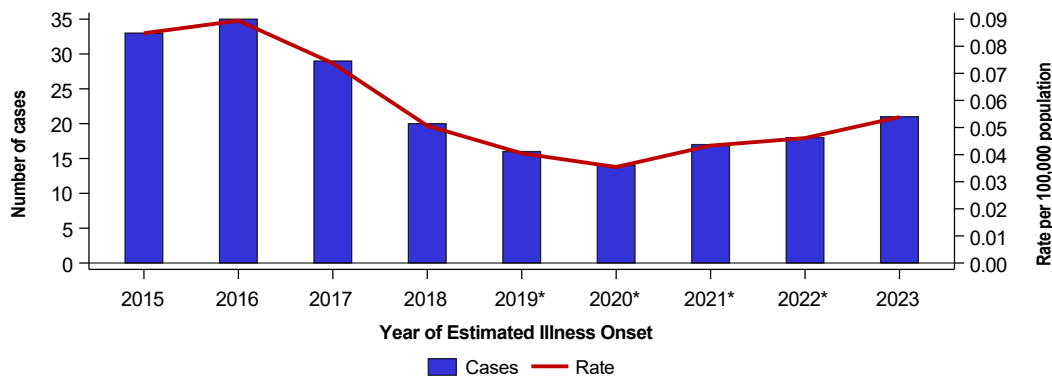
*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	33	35	29	20	16	14	17	18	21	
WHITE, NON-HISPANIC	2	0	0	0	0	0	1	2	1	
HISPANIC/LATINO	25	20	21	11	11	7	10	8	12	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	3	4	2	1	2	1	2	2	
BLACK, NON-HISPANIC	2	2	1	1	1	1	3	3	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	2	
OTHER, NON-HISPANIC	0	1	0	0	0	1	0	0	1	
UNKNOWN	3	9	2	6	3	3	2	3	2	

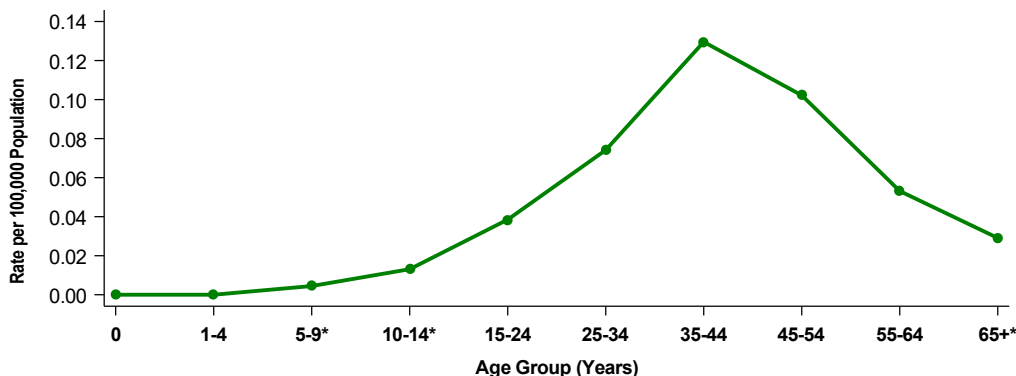
For inclusion/exclusion criteria, please refer to the Technical Notes.

Cysticercosis or Taeniasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



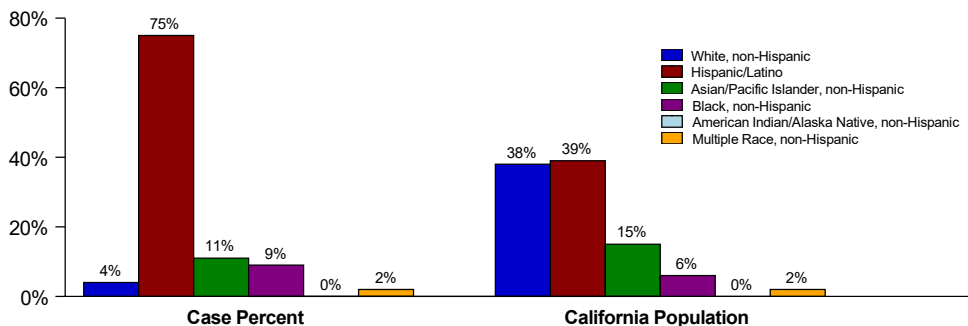
*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis Cases and Population by Race/Ethnicity, California, 2015-2023



16.3% (n=33) of reported incidents of Cysticercosis or Taeniasis did not identify race/ethnicity and 1.5% (n=3) of reported incidents identified as "Other" race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Dengue Virus Infection

Dengue Virus Infection, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2	34	0.1	127	0.3	250	0.6
ALAMEDA COUNTY TOTAL	15	0.9*	16	1.0*	20	1.2	7	0.4*	23	1.4	5	0.3*	2	0.1*	12	0.7*	22	1.3
ALAMEDA	13	0.9*	12	0.8*	18	1.2*	7	0.5*	23	1.5	4	0.3*	2	0.1*	8	0.5*	22	1.4
BERKELEY	2	1.7*	4	3.3*	2	1.7*	0	-	0	-	1	0.8*	0	-	4	3.2*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.4*	0	-	2	0.9*	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	7	0.6*	10	0.9*	4	0.3*	6	0.5*	17	1.5*	1	0.1*	0	-	3	0.3*	4	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	2	1.1*	0	-	1	0.5*	1	0.5*	0	-	0	-	0	-
FRESNO	1	0.1*	6	0.6*	2	0.2*	0	-	2	0.2*	1	0.1*	1	0.1*	2	0.2*	4	0.4*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	3	1.7*	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	3	0.3*	1	0.1*	2	0.2*	0	-	2	0.2*	4	0.4*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	36	0.4	50	0.5	20	0.2	28	0.3	56	0.6	22	0.2	7	0.1*	35	0.4	79	0.8
LOS ANGELES	30	0.3	47	0.5	19	0.2	24	0.3	52	0.5	19	0.2	6	0.1*	35	0.4	69	0.7
LONG BEACH	5	1.1*	0	-	1	0.2*	3	0.6*	2	0.4*	3	0.6*	0	-	0	-	8	1.7*
PASADENA	1	0.7*	3	2.1*	0	-	1	0.7*	2	1.4*	0	-	1	0.7*	0	-	2	1.4*
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	3	1.1*	2	0.8*	0	-	3	1.1*	1	0.4*	0	-	0	-	3	1.2*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*
MERCED	1	0.4*	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	1	0.3*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	1	0.2*	3	0.7*	0	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*
NAPA	0	-	1	0.7*	0	-	0	-	0	-	2	1.4*	0	-	1	0.7*	0	-
NEVADA	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	12	0.4*	12	0.4*	10	0.3*	12	0.4*	19	0.6	7	0.2*	5	0.2*	6	0.2*	18	0.6*
PLACER	3	0.8*	2	0.5*	1	0.3*	1	0.3*	3	0.7*	0	-	0	-	1	0.2*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	6	0.3*	3	0.1*	1	0.0*	1	0.0*	7	0.3*	3	0.1*	0	-	3	0.1*	4	0.2*
SACRAMENTO	6	0.4*	3	0.2*	6	0.4*	1	0.1*	10	0.6*	1	0.1*	3	0.2*	6	0.4*	3	0.2*
SAN BENITO	0	-	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	1	1.5*
SAN BERNARDINO	2	0.1*	7	0.3*	3	0.1*	0	-	6	0.3*	3	0.1*	0	-	0	-	5	0.2*
SAN DIEGO	12	0.4*	23	0.7	9	0.3*	9	0.3*	26	0.8	4	0.1*	3	0.1*	14	0.4*	25	0.8
SAN FRANCISCO	4	0.5*	4	0.5*	2	0.2*	3	0.3*	14	1.6*	1	0.1*	0	-	6	0.7*	12	1.4*
SAN JOAQUIN	0	-	3	0.4*	2	0.3*	0	-	2	0.3*	2	0.3*	2	0.3*	1	0.1*	4	0.5*
SAN LUIS OBISPO	1	0.4*	1	0.4*	1	0.4*	1	0.4*	5	1.8*	0	-	0	-	1	0.4*	1	0.4*
SAN MATEO	11	1.4*	10	1.3*	3	0.4*	8	1.0*	8	1.0*	4	0.5*	1	0.1*	6	0.8*	8	1.1*
SANTA BARBARA	3	0.7*	5	1.1*	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	2	0.5*	3	0.7*
SANTA CLARA	11	0.6*	20	1.0	24	1.2	14	0.7*	40	2.1	7	0.4*	7	0.4*	17	0.9*	29	1.5
SANTA CRUZ	3	1.1*	1	0.4*	2	0.7*	1	0.4*	1	0.4*	1	0.4*	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	3	0.7*	4	0.9*	2	0.4*	2	0.4*	0	-	2	0.4*	2	0.4*	0	-
SONOMA	0	-	2	0.4*	1	0.2*	0	-	4	0.8*	5	1.0*	0	-	0	-	4	0.8*
STANISLAUS	1	0.2*	4	0.7*	2	0.4*	2	0.4*	0	-	2	0.4*	0	-	0	-	5	0.9*
SUTTER	0	-	0	-	0	-	0	-	0	-	3	3.0*	0	-	0	-	0	-
TEHAMA	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-	2	0.4*
TUOLUMNE	0	-	1	1.8*	0	-	1	1.8*	1	1.8*	0	-	0	-	0	-	0	-
VENTURA	0	-	3	0.4*	3	0.4*	2	0.2*	6	0.7*	3	0.4*	0	-	1	0.1*	2	0.2*
YOLO	1	0.5*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	1	0.5*	0	-	4	1.8*	1	0.4*
YUBA	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection

Dengue Virus Infection, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	144	201	132	107	266	84	34	127	250	
JANUARY	10	28	11	6	11	25	4	5	6	
FEBRUARY	9	19	8	1	1	4	0	2	1	
MARCH	6	15	5	1	5	5	1	7	4	
APRIL	10	10	2	3	13	0	1	4	4	
MAY	9	8	5	5	10	1	1	9	7	
JUNE	11	10	5	10	10	5	3	8	9	
JULY	14	27	18	18	34	2	2	21	35	
AUGUST	17	30	23	16	57	11	3	21	41	
SEPTEMBER	11	18	19	6	33	8	2	18	38	
OCTOBER	15	19	20	17	47	10	10	23	41	
NOVEMBER	12	10	12	16	29	9	5	4	33	
DECEMBER	20	7	4	8	16	4	2	5	31	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Dengue Virus Infection, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2	34	0.1	127	0.3	250	0.6
FEMALE	83	0.4	107	0.5	67	0.3	51	0.3	144	0.7	45	0.2	9	0.0*	56	0.3	139	0.7
MALE	61	0.3	92	0.5	65	0.3	56	0.3	122	0.6	39	0.2	25	0.1	70	0.4	111	0.6
UNKNOWN	0	-	2	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2	34	0.1	127	0.3	250	0.6
0	0	-	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-
1-4	0	-	3	0.2*	1	0.1*	0	-	3	0.2*	0	-	0	-	1	0.1*	1	0.1*
5-9	4	0.2*	4	0.2*	4	0.2*	3	0.1*	9	0.4*	3	0.1*	0	-	1	0.0*	5	0.2*
10-14	4	0.2*	5	0.2*	6	0.2*	6	0.2*	16	0.6*	3	0.1*	0	-	4	0.2*	9	0.4*
15-24	18	0.3*	17	0.3*	18	0.3*	14	0.3*	26	0.5	10	0.2*	2	0.0*	13	0.2*	22	0.4
25-34	35	0.7	44	0.8	31	0.6	16	0.3*	44	0.8	13	0.2*	3	0.1*	19	0.3	45	0.8
35-44	20	0.4	49	0.9	28	0.5	22	0.4	43	0.8	11	0.2*	11	0.2*	25	0.5	49	1.0
45-54	31	0.6	35	0.7	19	0.4	11	0.2*	45	0.9	10	0.2*	7	0.1*	27	0.6	66	1.4
55-64	19	0.4	25	0.5	12	0.2*	16	0.3*	41	0.8	15	0.3*	4	0.1*	21	0.4	29	0.6
65+	12	0.2*	19	0.3	12	0.2*	19	0.3	39	0.6	19	0.3	6	0.1*	16	0.2*	24	0.3
UNKNOWN	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

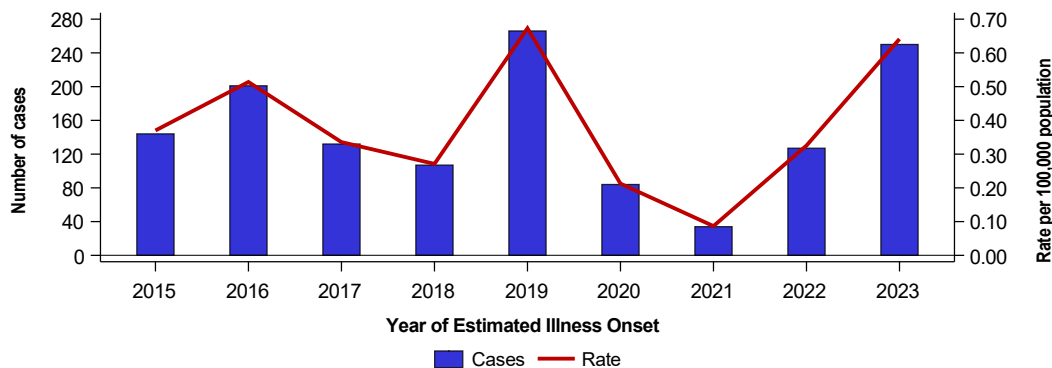
*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection, Cases by Race/Ethnicity, California, 2015-2023

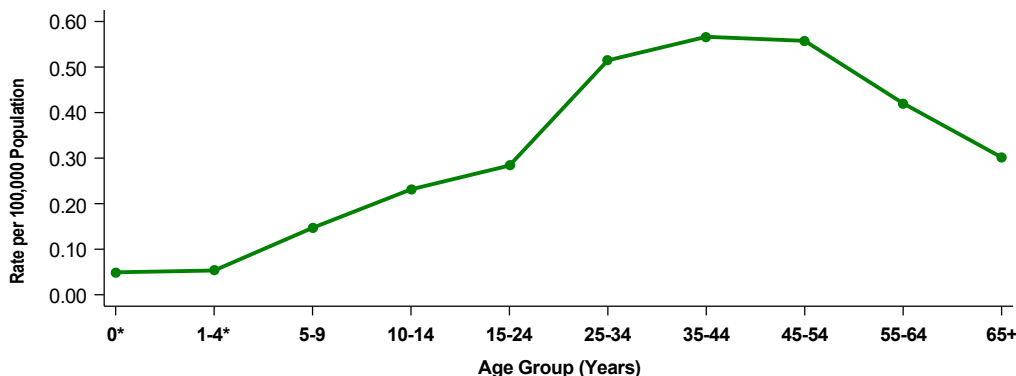
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	144	201	132	107	266	84	34	127	250	
WHITE, NON-HISPANIC	30	48	9	24	37	11	3	11	42	
HISPANIC/LATINO	43	54	22	23	89	39	10	41	93	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	33	44	58	29	45	11	8	45	48	
BLACK, NON-HISPANIC	0	2	0	1	3	0	0	1	3	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	1	
MULTIPLE RACE, NON-HISPANIC	0	1	1	0	1	0	1	2	0	
OTHER, NON-HISPANIC	3	5	2	4	9	7	7	7	19	
UNKNOWN	35	47	40	26	82	16	5	20	44	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Dengue Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

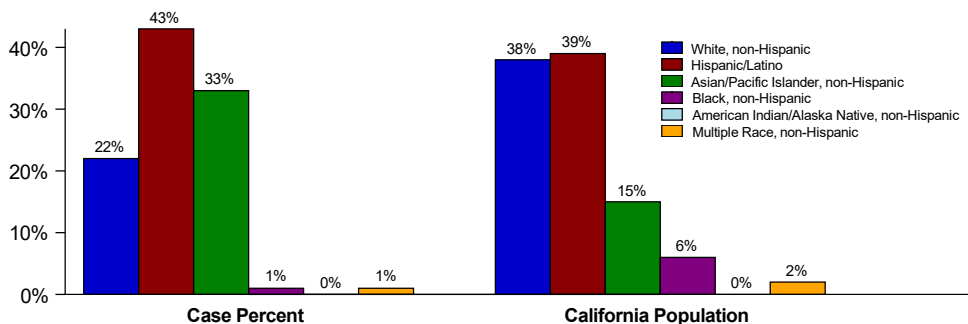


Dengue Virus Infection Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection Cases and Population by Race/Ethnicity, California, 2015-2023



23.4% (n=315) of reported incidents of Dengue Virus Infection did not identify race/ethnicity and 4.7% (n=63) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Domoic Acid Poisoning

No cases of Domoic Acid Poisoning were reported to CDPH with illness onset during 2015-2023

Ehrlichiosis

Ehrlichiosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	2	0.0*	1	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	2	0.1*	0	-	0	-
SAN FRANCISCO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis

Ehrlichiosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	1	3	3	2	3	3	2	3	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	1	0	0	0	
APRIL	0	0	0	1	0	0	0	0	0	
MAY	1	0	0	0	0	0	1	0	0	
JUNE	0	0	1	0	1	0	0	1	0	
JULY	0	1	1	0	0	1	1	1	2	
AUGUST	0	0	1	0	0	0	0	0	1	
SEPTEMBER	0	0	0	1	0	0	0	0	0	
OCTOBER	0	0	0	1	0	0	0	0	0	
NOVEMBER	0	0	0	0	1	1	0	0	0	
DECEMBER	0	0	0	0	0	0	1	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ehrlichiosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*
FEMALE	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*	0	-
MALE	1	0.0*	1	0.0*	2	0.0*	3	0.0*	1	0.0*	2	0.0*	2	0.0*	0	-	3	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	1	0.0*	0	-
65+	0	-	0	-	1	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	3	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

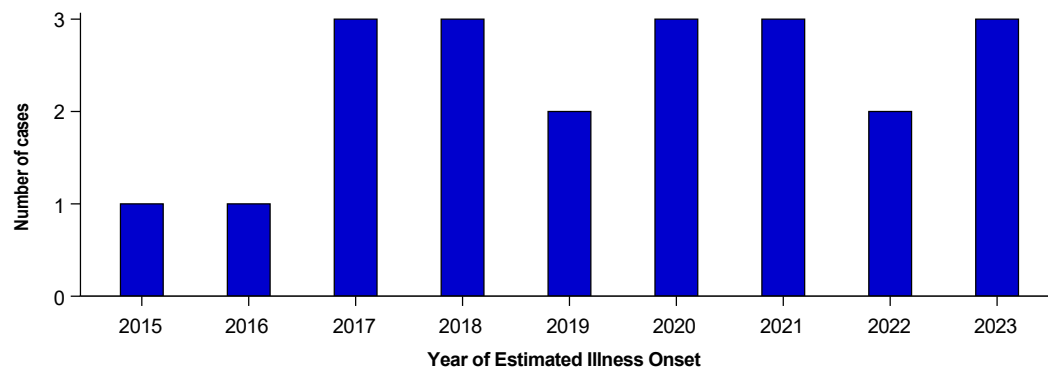
*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	1	3	3	2	3	3	2	3	
WHITE, NON-HISPANIC	0	0	1	2	0	1	1	2	3	
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	1	1	0	0	
UNKNOWN	1	1	2	0	2	1	1	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Ehrlichiosis Cases by Year of Estimated Illness Onset, California, 2015-2023



Flavivirus Infection of Undetermined Species

Flavivirus Infection of Undetermined Species, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	-	-	2	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*	6	0.0*
ALAMEDA COUNTY TOTAL	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
DEL NORTE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
INYO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	-	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
LOS ANGELES	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
LONG BEACH	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
PLACER	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	-	-	1	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
SAN JOAQUIN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SANTA CRUZ	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
YOLO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species

Flavivirus Infection of Undetermined Species, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	-	2	0	0	1	0	0	2	6	
JANUARY	-	-	0	0	0	0	0	0	0	
FEBRUARY	-	-	0	0	0	0	0	0	0	
MARCH	-	-	0	0	0	0	0	1	1	
APRIL	-	-	0	0	0	0	0	0	0	
MAY	-	-	0	0	0	0	0	0	0	
JUNE	-	1	0	0	0	0	0	0	2	
JULY	-	0	0	0	0	0	0	0	0	
AUGUST	-	1	0	0	0	0	0	1	1	
SEPTEMBER	-	0	0	0	0	0	0	0	2	
OCTOBER	-	0	0	0	1	0	0	0	0	
NOVEMBER	-	0	0	0	0	0	0	0	0	
DECEMBER	-	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	2	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*	6	0.0*
FEMALE	-	-	1	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*	5	0.0*
MALE	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	2	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*	6	0.0*
0	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
35-44	-	-	1	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
45-54	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	-	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	4	0.1*
65+	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Flavivirus Infection of Undetermined Species, Cases by Race/Ethnicity, California, 2015-2023

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	-	2	0	0	1	0	0	2	6	
WHITE, NON-HISPANIC	-	0	0	0	0	0	0	0	2	
HISPANIC/LATINO	-	1	0	0	0	0	0	0	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	0	0	0	0	0	0	0	1	
BLACK, NON-HISPANIC	-	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	-	0	0	0	1	0	0	1	1	
UNKNOWN	-	1	0	0	0	0	0	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Required reporting of Flavivirus Infection of Undetermined Species began June 1, 2016.

Giardiasis

Giardiasis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2,070	5.3	2,488	6.4	2,588	6.6	2,633	6.7	2,711	6.9	1,544	3.9	1,960	5.0	2,408	6.2	2,761	7.1
ALAMEDA COUNTY TOTAL	159	9.8	220	13.4	255	15.4	246	14.7	250	14.9	122	7.3	143	8.6	166	10.1	211	12.9
ALAMEDA	138	9.2	196	13.0	221	14.5	223	14.6	233	15.2	109	7.0	132	8.5	151	9.9	193	12.7
BERKELEY	21	17.6	24	20.0	34	28.1	23	18.9	17	13.9*	13	10.2*	11	9.1*	15	12.1*	18	14.4*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	1	2.7*	1	2.6*	3	7.8*	1	2.5*	3	7.4*	1	2.5*	1	2.5*	0	-	2	5.0*
BUTTE	18	7.8*	17	7.4*	28	12.0	14	6.0*	18	7.9*	13	6.2*	15	7.3*	10	4.8*	11	5.3*
CALAVERAS	2	4.4*	4	8.8*	3	6.6*	2	4.4*	2	4.4*	1	2.2*	0	-	0	-	0	-
COLUSA	0	-	3	13.8*	0	-	0	-	3	13.8*	1	4.6*	0	-	1	4.6*	3	13.7*
CONTRA COSTA	66	5.8	11	1.0*	104	9.0	124	10.7	125	10.8	72	6.2	70	6.0	103	9.0	114	10.0
DEL NORTE	1	3.7*	1	3.7*	1	3.7*	1	3.6*	2	7.2*	1	3.6*	0	-	2	7.5*	1	3.8*
EL DORADO	9	4.9*	11	6.0*	19	10.3	12	6.4*	17	9.0*	10	5.2*	10	5.2*	6	3.2*	15	8.0*
FRESNO	34	3.5	45	4.6	34	3.5	31	3.1	29	2.9	22	2.2	28	2.8	40	4.0	32	3.2
GLENN	0	-	1	3.6*	0	-	0	-	1	3.5*	1	3.5*	2	7.0*	0	-	1	3.5*
HUMBOLDT	20	14.7	11	8.0*	9	6.5*	9	6.5*	8	5.9*	13	9.5*	9	6.7*	9	6.7*	11	8.2*
IMPERIAL	1	0.6*	7	3.9*	1	0.6*	4	2.2*	11	6.1*	7	3.9*	11	6.1*	17	9.5*	16	8.9*
INYO	0	-	1	5.3*	2	10.6*	1	5.3*	4	21.1*	5	26.3*	0	-	1	5.3*	8	42.3*
KERN	14	1.6*	22	2.5	32	3.6	29	3.2	35	3.9	26	2.9	32	3.5	41	4.5	52	5.7
KINGS	4	2.7*	3	2.0*	3	2.0*	4	2.6*	6	4.0*	2	1.3*	5	3.3*	12	7.9*	9	5.9*
LAKE	3	4.5*	3	4.5*	3	4.4*	2	2.9*	3	4.4*	4	5.9*	5	7.4*	6	8.9*	5	7.4*
LASSEN	0	-	1	3.1*	1	3.1*	0	-	0	-	0	-	2	6.5*	0	-	1	3.5*
LOS ANGELES COUNTY TOTAL	448	4.4	505	5.0	447	4.4	528	5.2	538	5.3	291	2.9	418	4.2	594	6.1	673	6.9
LOS ANGELES	424	4.5	465	4.9	406	4.2	487	5.1	510	5.3	266	2.8	386	4.1	565	6.1	633	6.9
LONG BEACH	18	3.8*	30	6.3	33	7.0	31	6.5	25	5.3	18	3.9*	26	5.6	23	5.0	31	6.7
PASADENA	6	4.2*	10	7.0*	8	5.6*	10	6.9*	3	2.1*	7	5.0*	6	4.3*	6	4.3*	9	6.5*
MADERA	3	2.0*	2	1.3*	8	5.2*	5	3.2*	7	4.5*	5	3.2*	6	3.8*	2	1.3*	7	4.4*
MARIN	33	12.5	46	17.3	46	17.4	45	17.0	51	19.3	27	10.3	22	8.5	40	15.7	43	17.1
MARIPOSA	2	11.3*	1	5.7*	2	11.4*	1	5.8*	0	-	0	-	0	-	0	-	2	11.8*
MENDOCINO	7	7.8*	6	6.6*	14	15.3*	15	16.4*	17	18.5*	8	8.8*	15	16.6*	13	14.5*	19	21.3
MERCED	2	0.7*	6	2.2*	6	2.2*	12	4.4*	9	3.2*	4	1.4*	5	1.8*	15	5.3*	9	3.1*
MODOC	0	-	0	-	0	-	1	11.4*	0	-	0	-	1	11.7*	2	23.1*	1	11.5*
MONO	0	-	2	14.9*	4	30.0*	1	7.6*	1	7.6*	1	7.5*	1	7.5*	1	7.6*	2	15.2*
MONTEREY	15	3.5*	45	10.3	19	4.3	39	8.9	23	5.2	12	2.7*	16	3.7*	14	3.2*	14	3.2*
NAPA	10	7.1*	17	12.0*	14	10.0*	12	8.6*	11	7.9*	9	6.5*	9	6.6*	11	8.1*	10	7.4*
NEVADA	11	11.0*	6	5.9*	16	15.8*	10	9.8*	9	8.8*	5	4.9*	7	6.8*	9	8.9*	9	9.0*
ORANGE	125	4.0	175	5.5	124	3.9	131	4.1	165	5.2	65	2.0	138	4.4	128	4.1	149	4.7
PLACER	15	4.0*	19	5.0	23	5.9	17	4.3*	32	8.0	18	4.4*	20	4.9	40	9.7	35	8.5
PLUMAS	4	20.3*	5	25.4*	4	20.4*	4	20.4*	1	5.0*	1	5.0*	1	5.1*	0	-	0	-
RIVERSIDE	62	2.7	78	3.3	88	3.7	82	3.4	99	4.1	84	3.5	107	4.4	116	4.8	65	2.7
SACRAMENTO	3	0.2*	7	0.5*	12	0.8*	86	5.5	97	6.2	12	0.8*	17	1.1*	22	1.4	8	0.5*
SAN BENITO	4	6.8*	3	5.0*	2	3.3*	2	3.2*	1	1.6*	2	3.1*	1	1.5*	1	1.5*	2	3.0*
SAN BERNARDINO	47	2.2	52	2.4	52	2.4	52	2.4	52	2.4	38	1.7	55	2.5	83	3.8	75	3.4
SAN DIEGO	318	9.8	396	12.1	321	9.8	230	7.0	220	6.7	161	4.9	179	5.5	195	5.9	237	7.2
SAN FRANCISCO	192	22.4	225	26.1	244	28.1	214	24.5	182	20.9	118	13.6	179	21.4	248	29.7	267	32.2
SAN JOAQUIN	22	3.0	30	4.1	41	5.5	42	5.5	47	6.1	24	3.1	28	3.6	20	2.5	43	5.5
SAN LUIS OBISPO	16	5.7*	10	3.6*	9	3.2*	7	2.5*	12	4.2*	3	1.1*	10	3.6*	7	2.5*	15	5.3*
SAN MATEO	53	7.0	53	6.9	80	10.4	81	10.6	80	10.4	47	6.2	37	4.9	57	7.7	82	11.2
SANTA BARBARA	17	3.8*	28	6.3	25	5.6	31	6.9	35	7.8	24	5.4	55	12.5	38	8.6	49	11.0
SANTA CLARA	116	6.1	184	9.6	191	9.9	198	10.2	205	10.6	99	5.1	98	5.2	97	5.2	142	7.6
SANTA CRUZ	17	6.2*	21	7.6	29	10.6	32	11.7	27	9.9	12	4.4*	33	12.5	23	8.7	34	12.8
SHASTA	10	5.5*	7	3.9*	8	4.4*	14	7.7*	10	5.5*	7	3.8*	9	4.9*	7	3.9*	13	7.2*
SIERRA	0	-	1	31.1*	0	-	0	-	1	30.9*	0	-	0	-	0	-	0	-
SISKIYOU	0	-	3	6.7*	3	6.8*	3	6.8*	1	2.3*	2	4.5*	3	6.9*	1	2.3*	2	4.6*
SOLANO	27	6.2	25	5.7	41	9.2	23	5.1	24	5.3	20	4.4	24	5.3	23	5.2	29	6.5
SONOMA	50	10.0	32	6.4	43	8.6	49	9.9	72	14.6	30	6.1	26	5.4	42	8.7	51	10.6
STANISLAUS	27	5.0	32	5.9	77	14.1	71	12.9	60	10.9	52	9.4	23	4.2	51	9.3	50	9.1
SUTTER	2	2.1*	4	4.1*	4	4.1*	7	7.0*	6	5.9*	2	2.0*	4	4.0*	3	3.0*	14	14.1*
TEHAMA	3	4.7*	2	3.1*	3	4.7*	5	7.7*	4	6.1*	0	-	2	3.1*	3	4.6*	10	15.5*
TRINITY	5	35.1*	0	-	0	-	3	19.0*	2	12.5*	0	-	2	12.5*	2	12.5*	1	6.3*
TULARE	13	2.8*	19	4.1	15	3.2*	18	3.8*	13	2.8*	11	2.3*	11	2.3*	18	3.8*	20	4.2
TUOLUMNE	3	5.4*	7	12.7*	1	1.8*	3	5.4*	4	7.2*	2	3.6*	2	3.7*	2	3.7*	7	13.2*
VENTURA	43	5.1	52	6.1	49	5.8	58	6.8	63	7.5	27	3.2	47	5.6	42	5.1	54	6.6
YOLO	13	6.2*	16	7.5*	23	10.7	17	7.9*	9	4.2*	18	8.2*	12	5.6*	20	9.0	24	10.7
YUBA	0	-	4	5.2*	2	2.6*	4	5.1*	4	5.0*	2	2.4*	4	4.9*	4	4.8*	2	2.4*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis

Giardiasis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	2,070	2,488	2,588	2,633	2,711	1,544	1,960	2,408	2,761
JANUARY	160	192	194	255	202	239	85	192	233
FEBRUARY	123	178	165	212	215	175	77	208	197
MARCH	145	224	188	239	199	150	97	196	222
APRIL	168	211	209	210	225	85	132	185	201
MAY	150	200	232	222	198	111	180	198	217
JUNE	153	179	218	217	219	90	200	214	236
JULY	179	208	251	240	250	130	181	192	255
AUGUST	195	241	281	293	308	135	208	254	248
SEPTEMBER	159	222	231	215	251	143	228	238	278
OCTOBER	234	209	222	230	246	113	191	217	271
NOVEMBER	222	212	201	157	200	78	207	138	175
DECEMBER	182	212	196	143	198	95	174	176	228

For inclusion/exclusion criteria, please refer to the Technical Notes.

Giardiasis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,070	5.3	2,488	6.4	2,588	6.6	2,633	6.7	2,711	6.9	1,544	3.9	1,960	5.0	2,408	6.2	2,761	7.1
FEMALE	725	3.7	906	4.6	882	4.5	890	4.5	902	4.5	527	2.7	643	3.3	847	4.3	972	5.0
MALE	1,331	6.9	1,575	8.1	1,701	8.7	1,739	8.9	1,803	9.2	1,011	5.1	1,310	6.7	1,552	8.0	1,777	9.2
UNKNOWN	14	-	7	-	5	-	4	-	6	-	6	-	7	-	9	-	12	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,070	5.3	2,488	6.4	2,588	6.6	2,633	6.7	2,711	6.9	1,544	3.9	1,960	5.0	2,408	6.2	2,761	7.1
0	2	0.4*	13	2.7*	10	2.1*	10	2.2*	14	3.1*	6	1.4*	5	1.2*	5	1.2*	4	1.0*
1-4	182	9.1	189	9.5	194	9.8	151	7.7	148	7.8	68	3.6	87	4.8	127	7.3	116	6.9
5-9	133	5.2	168	6.6	173	6.9	144	5.8	175	7.0	86	3.4	97	3.9	134	5.5	173	7.2
10-14	75	3.0	104	4.1	87	3.4	93	3.6	80	3.1	51	2.0	57	2.2	95	3.8	110	4.4
15-24	248	4.4	260	4.7	324	5.9	277	5.1	235	4.4	153	2.7	175	3.2	226	4.2	237	4.4
25-34	352	6.5	406	7.5	448	8.3	478	8.9	514	9.6	291	5.4	397	7.3	447	8.2	484	8.8
35-44	302	5.9	350	6.8	324	6.3	369	7.1	359	6.9	236	4.7	285	5.8	362	7.4	425	8.8
45-54	333	6.3	382	7.3	363	6.9	398	7.7	383	7.5	210	4.3	260	5.4	275	5.8	331	7.1
55-64	238	5.1	332	6.9	374	7.7	401	8.1	433	8.7	225	4.6	309	6.4	346	7.3	397	8.5
65+	199	3.8	279	5.1	286	5.1	309	5.2	363	5.8	217	3.4	285	4.4	389	5.8	482	7.0
UNKNOWN	6	-	5	-	5	-	3	-	7	-	1	-	3	-	2	-	2	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

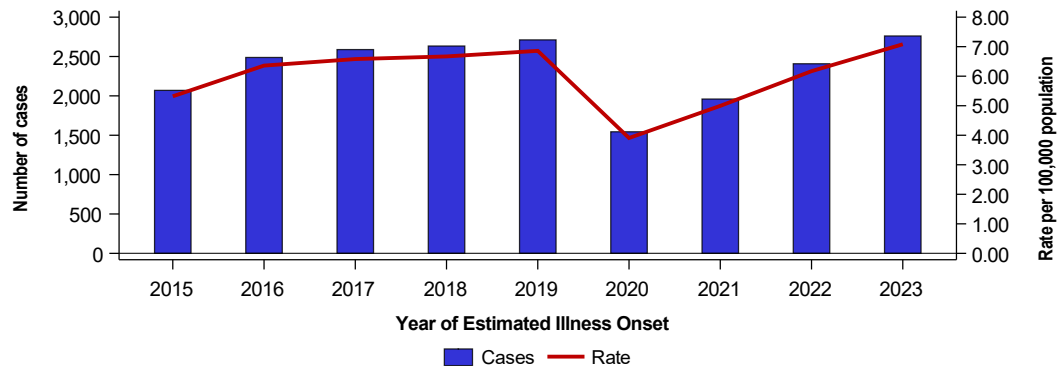
*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis, Cases by Race/Ethnicity, California, 2015-2023

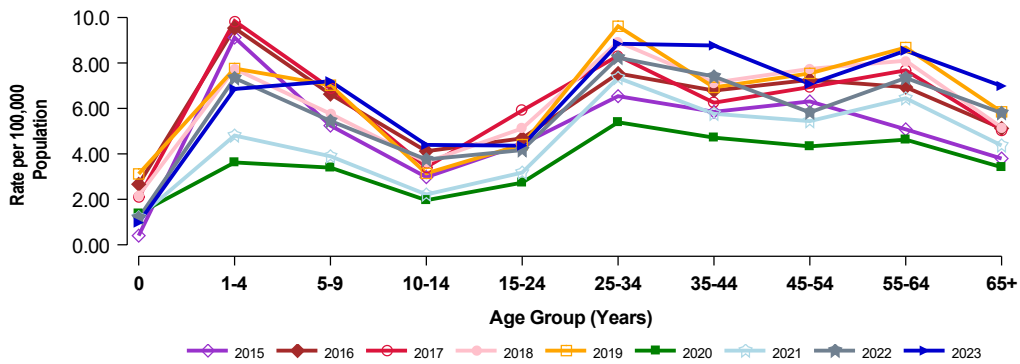
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	2,070	2,488	2,588	2,633	2,711	1,544	1,960	2,408	2,761
WHITE, NON-HISPANIC	802	919	977	951	980	590	729	783	1,005
HISPANIC/LATINO	261	333	340	394	442	217	338	393	480
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	69	89	126	128	154	71	71	89	97
BLACK, NON-HISPANIC	71	137	105	86	82	69	58	65	75
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	4	3	6	7	9	4	5	5	10
MULTIPLE RACE, NON-HISPANIC	1	6	5	6	14	5	13	5	8
OTHER, NON-HISPANIC	57	115	231	184	224	158	134	160	176
UNKNOWN	805	886	798	877	806	430	612	908	910

For inclusion/exclusion criteria, please refer to the Technical Notes.

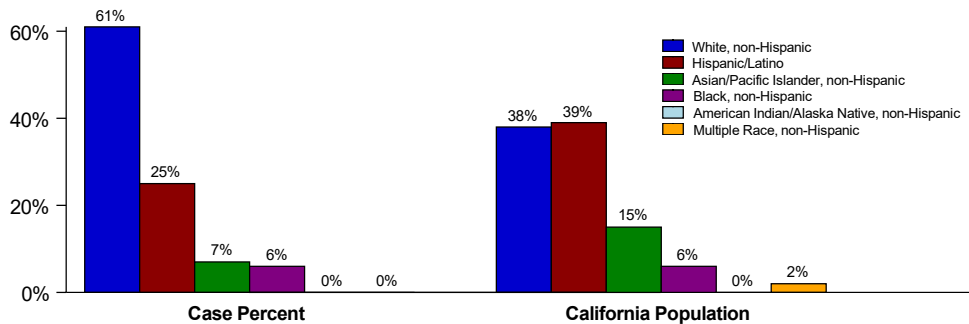
Giardiasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Giardiasis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Giardiasis Cases and Population by Race/Ethnicity, California, 2015-2023



33.2% (n=7032) of reported incidents of Giardiasis did not identify race/ethnicity and 6.8% (n=1439) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Hantavirus Infection

Hantavirus Infection, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	2	14.8*	0	-	1	7.5*	0	-	3	22.7*	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	1	5.0*	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
SACRAMENTO	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection

Hantavirus Infection, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	2	1	5	5	4	2	1	0	1	
JANUARY	0	0	1	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	1	0	0	0	0	
MARCH	0	0	1	2	0	0	0	0	0	
APRIL	0	0	0	1	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	1	1	0	0	0	
JULY	2	0	1	0	0	0	0	0	0	
AUGUST	0	0	1	1	0	1	0	0	1	
SEPTEMBER	0	0	0	0	1	0	1	0	0	
OCTOBER	0	0	0	1	0	0	0	0	0	
NOVEMBER	0	0	0	0	1	0	0	0	0	
DECEMBER	0	1	1	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hantavirus Infection, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*
FEMALE	1	0.0*	0	-	0	-	2	0.0*	3	0.0*	0	-	0	-	0	-	1	0.0*
MALE	1	0.0*	1	0.0*	5	0.0*	3	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	2	0.0*	0	-	2	0.0*	1	0.0*	0	-	0	-	1	0.0*
35-44	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-
65+	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

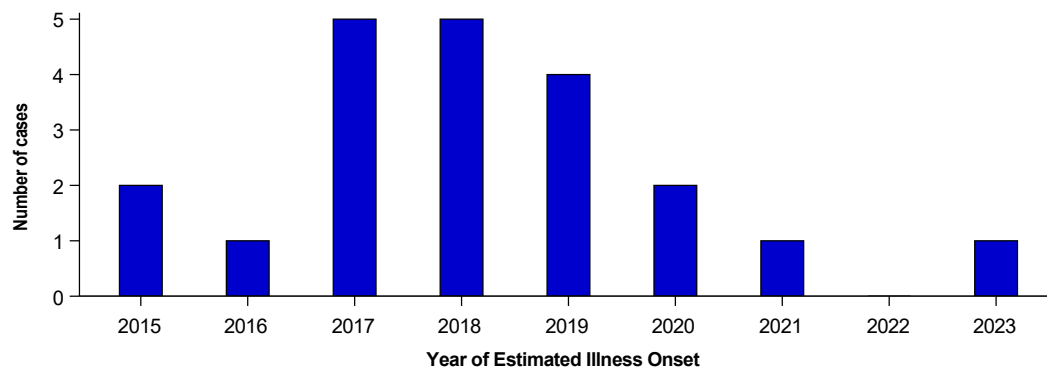
*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
TOTAL	2	1	5	5	4	2	1	0	1		
WHITE, NON-HISPANIC	2	1	2	1	4	2	0	0	1		
HISPANIC/LATINO	0	0	1	3	0	0	0	0	0		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
UNKNOWN	0	0	2	1	0	0	1	0	0		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hantavirus Infection Cases by Year of Estimated Illness Onset, California, 2015-2023



Hepatitis E, acute infection

Hepatitis E, acute infection, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	37	0.1	49	0.1	38	0.1	30	0.1	39	0.1	19	0.0	42	0.1	35	0.1	47	0.1
ALAMEDA COUNTY TOTAL	2	0.1*	4	0.2*	2	0.1*	4	0.2*	1	0.1*	0	-	2	0.1*	1	0.1*	2	0.1*
ALAMEDA	2	0.1*	4	0.3*	2	0.1*	3	0.2*	1	0.1*	0	-	2	0.1*	0	-	2	0.1*
BERKELEY	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	1	0.8*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	1	2.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.5*
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	1	2.2*	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	5	0.4*	2	0.2*	0	-	4	0.3*	0	-	1	0.1*	2	0.2*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	0	-	2	0.2*	2	0.2*	0	-	2	0.2*	1	0.1*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
IMPERIAL	2	1.1*	0	-	0	-	0	-	0	-	2	1.1*	1	0.6*	2	1.1*	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	2	0.2*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-	2	3.0*	1	1.5*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	2	0.0*	3	0.0*	4	0.0*	7	0.1*	4	0.0*	5	0.1*	4	0.0*	1	0.0*
LOS ANGELES	2	0.0*	2	0.0*	1	0.0*	4	0.0*	7	0.1*	3	0.0*	5	0.1*	1	0.0*	1	0.0*
LONG BEACH	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	2	0.4*	0	-
PASADENA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	1	0.7*	0	-
MADERA	0	-	0	-	1	0.6*	0	-	2	1.3*	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	1	0.4*	2	0.8*	1	0.4*	0	-	4	1.5*	2	0.8*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	1	1.1*	1	1.1*	0	-	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
NAPA	0	-	1	0.7*	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	3	2.2*	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	5	0.2*
PLACER	1	0.3*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	3	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.1*	4	0.2*	4	0.2*
SACRAMENTO	7	0.5*	7	0.5*	1	0.1*	1	0.1*	2	0.1*	0	-	2	0.1*	0	-	3	0.2*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	1	0.0*	3	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	4	0.2*
SAN DIEGO	0	-	2	0.1*	2	0.1*	2	0.1*	1	0.0*	0	-	1	0.0*	2	0.1*	4	0.1*
SAN FRANCISCO	1	0.1*	1	0.1*	5	0.6*	1	0.1*	4	0.5*	0	-	1	0.1*	1	0.1*	1	0.1*
SAN JOAQUIN	3	0.4*	0	-	0	-	2	0.3*	0	-	1	0.1*	3	0.4*	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	1	0.1*	0	-	2	0.3*	3	0.4*	2	0.3*	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	8	0.4*	8	0.4*	2	0.1*	2	0.1*	1	0.1*	4	0.2*	2	0.1*	4	0.2*	4	0.2*
SANTA CRUZ	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	1	0.2*	0	-	2	0.4*	1	0.2*	2	0.4*	0	-	3	0.7*
SONOMA	1	0.2*	2	0.4*	3	0.6*	1	0.2*	2	0.4*	0	-	0	-	1	0.2*	2	0.4*
STANISLAUS	0	-	3	0.6*	3	0.5*	1	0.2*	3	0.5*	2	0.4*	5	0.9*	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	2	0.2*	0	-	6	0.7*
YOLO	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	1	0.4*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection

Hepatitis E, acute infection, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	37	49	38	30	39	19	42	35	47	
JANUARY	2	5	7	2	2	4	2	2	3	
FEBRUARY	2	5	3	5	3	2	1	4	2	
MARCH	2	0	6	3	7	1	7	4	4	
APRIL	3	9	2	1	3	0	3	4	6	
MAY	2	4	2	4	4	1	5	2	7	
JUNE	5	6	0	3	3	0	4	4	4	
JULY	3	6	4	3	6	3	1	3	2	
AUGUST	5	3	2	2	3	2	2	4	3	
SEPTEMBER	1	1	2	2	3	1	7	3	1	
OCTOBER	5	3	5	0	2	2	1	1	2	
NOVEMBER	3	3	2	2	2	2	3	2	5	
DECEMBER	4	4	3	3	1	1	6	2	8	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hepatitis E, acute infection, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	37	0.1	49	0.1	38	0.1	30	0.1	39	0.1	19	0.0	42	0.1	35	0.1	47	0.1
FEMALE	21	0.1	25	0.1	17	0.1*	18	0.1*	19	0.1	5	0.0*	28	0.1	20	0.1	28	0.1
MALE	16	0.1*	24	0.1	21	0.1	12	0.1*	20	0.1	14	0.1*	14	0.1*	15	0.1*	19	0.1

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	37	0.1	49	0.1	38	0.1	30	0.1	39	0.1	19	0.0	42	0.1	35	0.1	47	0.1
0	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
1-4	0	-	3	0.2*	1	0.1*	0	-	0	-	0	-	1	0.1*	3	0.2*	2	0.1*
5-9	1	0.0*	0	-	0	-	1	0.0*	2	0.1*	0	-	0	-	1	0.0*	2	0.1*
10-14	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
15-24	8	0.1*	9	0.2*	1	0.0*	4	0.1*	8	0.2*	1	0.0*	9	0.2*	6	0.1*	9	0.2*
25-34	8	0.1*	14	0.3*	11	0.2*	7	0.1*	4	0.1*	3	0.1*	7	0.1*	5	0.1*	6	0.1*
35-44	6	0.1*	5	0.1*	4	0.1*	5	0.1*	5	0.1*	3	0.1*	5	0.1*	4	0.1*	4	0.1*
45-54	6	0.1*	7	0.1*	5	0.1*	0	-	4	0.1*	2	0.0*	3	0.1*	4	0.1*	7	0.1*
55-64	3	0.1*	4	0.1*	7	0.1*	7	0.1*	4	0.1*	4	0.1*	9	0.2*	3	0.1*	5	0.1*
65+	4	0.1*	7	0.1*	9	0.2*	5	0.1*	10	0.2*	6	0.1*	8	0.1*	8	0.1*	11	0.2*
UNKNOWN	0	-	0	-	0	-	1	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

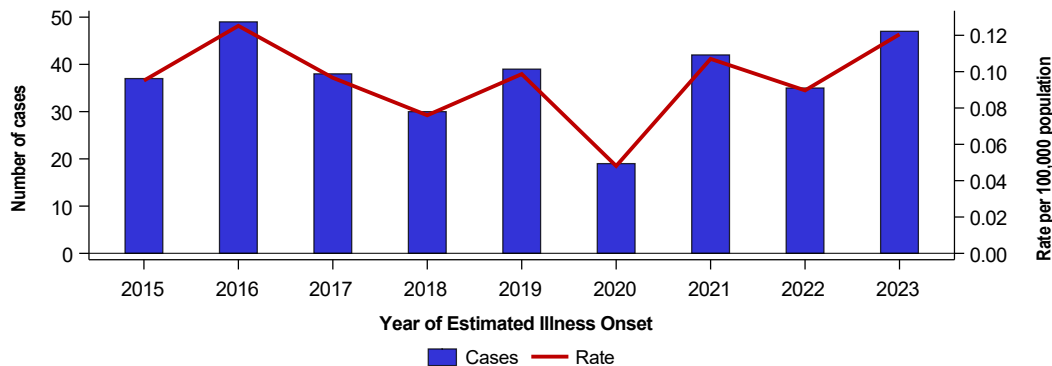
*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection, Cases by Race/Ethnicity, California, 2015-2023

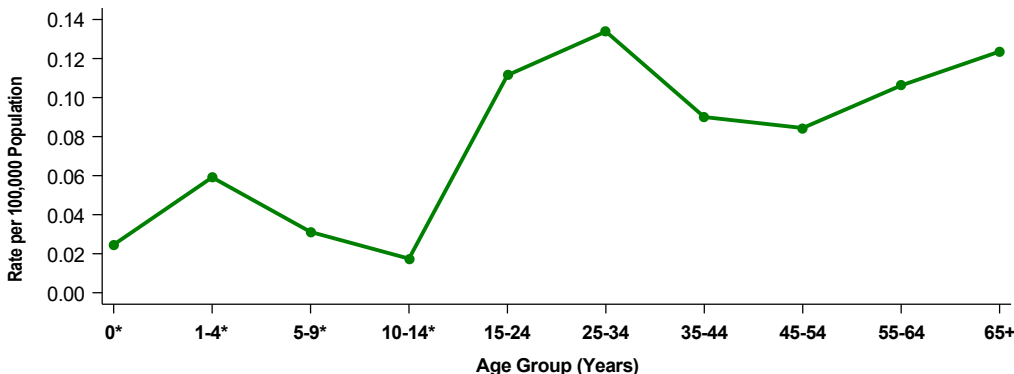
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	37	49	38	30	39	19	42	35	47	
WHITE, NON-HISPANIC	6	9	6	7	9	4	8	8	12	
HISPANIC/LATINO	5	8	4	4	7	4	7	10	10	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	8	7	10	9	14	5	6	7	10	
BLACK, NON-HISPANIC	0	2	1	2	1	0	1	2	2	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	1	0	
OTHER, NON-HISPANIC	0	4	1	0	1	1	5	2	4	
UNKNOWN	18	19	16	8	7	5	15	5	9	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hepatitis E, acute infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

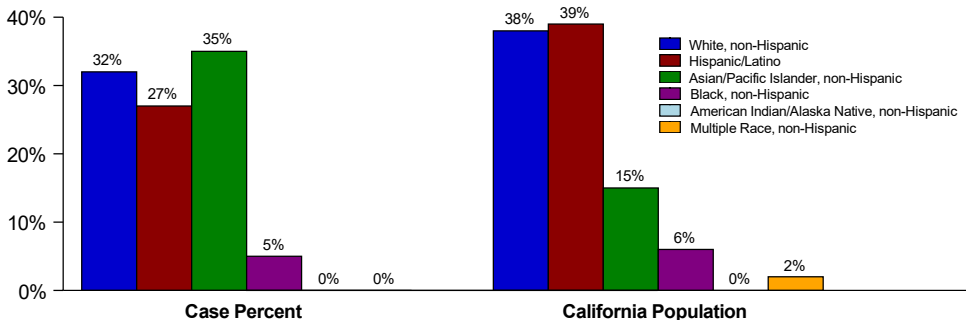


Hepatitis E, acute infection Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection Cases and Population by Race/Ethnicity, California, 2015-2023



30.4% (n=102) of reported incidents of Hepatitis E, acute infection did not identify race/ethnicity and 5.4% (n=18) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Legionellosis

Legionellosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	478	1.2	600	1.5	537	1.4	454	1.2	558	1.4	376	1.0	469	1.2	592	1.5	706	1.8
ALAMEDA COUNTY TOTAL	19	1.2	17	1.0*	18	1.1*	10	0.6*	19	1.1	7	0.4*	9	0.5*	12	0.7*	15	0.9*
ALAMEDA	19	1.3	17	1.1*	16	1.1*	8	0.5*	18	1.2*	7	0.5*	9	0.6*	12	0.8*	14	0.9*
BERKELEY	0	-	0	-	2	1.7*	2	1.6*	1	0.8*	0	-	0	-	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	1	2.7*	0	-	0	-	0	-	2	5.0*	0	-	0	-	0	-	0	-
BUTTE	1	0.4*	4	1.7*	1	0.4*	2	0.9*	1	0.4*	2	1.0*	0	-	1	0.5*	1	0.5*
CALAVERAS	0	-	1	2.2*	0	-	2	4.4*	1	2.2*	0	-	1	2.2*	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	9	0.8*	6	0.5*	7	0.6*	5	0.4*	8	0.7*	4	0.3*	12	1.0*	10	0.9*	11	1.0*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.8*
EL DORADO	1	0.5*	0	-	0	-	3	1.6*	3	1.6*	1	0.5*	1	0.5*	0	-	1	0.5*
FRESNO	7	0.7*	9	0.9*	16	1.6*	13	1.3*	14	1.4*	8	0.8*	10	1.0*	11	1.1*	11	1.1*
GLENN	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-	0	-	1	3.5*
HUMBOLDT	3	2.2*	3	2.2*	1	0.7*	1	0.7*	2	1.5*	0	-	1	0.7*	1	0.7*	1	0.7*
IMPERIAL	2	1.1*	0	-	0	-	0	-	0	-	2	1.1*	0	-	1	0.6*	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	3	0.3*	5	0.6*	4	0.5*	5	0.6*	4	0.4*	10	1.1*	8	0.9*	12	1.3*	16	1.8*
KINGS	1	0.7*	3	2.0*	1	0.7*	2	1.3*	1	0.7*	3	2.0*	2	1.3*	1	0.7*	3	2.0*
LAKE	1	1.5*	0	-	0	-	0	-	1	1.5*	0	-	0	-	2	3.0*	3	4.5*
LASSEN	0	-	0	-	0	-	0	-	0	-	1	3.2*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	186	1.8	252	2.5	185	1.8	133	1.3	192	1.9	95	0.9	122	1.2	154	1.6	229	2.3
LOS ANGELES	173	1.8	239	2.5	165	1.7	122	1.3	180	1.9	85	0.9	115	1.2	138	1.5	210	2.3
LONG BEACH	10	2.1*	7	1.5*	15	3.2*	7	1.5*	6	1.3*	9	1.9*	5	1.1*	16	3.5*	17	3.7*
PASADENA	3	2.1*	6	4.2*	5	3.5*	4	2.8*	6	4.1*	1	0.7*	2	1.4*	0	-	2	1.4*
MADERA	2	1.3*	0	-	2	1.3*	4	2.6*	4	2.6*	4	2.6*	1	0.6*	2	1.3*	3	1.9*
MARIN	11	4.2*	0	-	1	0.4*	1	0.4*	2	0.8*	2	0.8*	4	1.5*	4	1.6*	2	0.8*
MARIPOSA	0	-	0	-	0	-	1	5.8*	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	2	2.2*	2	2.2*	2	2.2*	3	3.3*	4	4.4*	1	1.1*	0	-
MERCED	0	-	0	-	0	-	3	1.1*	7	2.5*	2	0.7*	2	0.7*	4	1.4*	2	0.7*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	6	1.4*	5	1.1*	7	1.6*	4	0.9*	5	1.1*	4	0.9*	4	0.9*	13	3.0*	8	1.8*
NAPA	2	1.4*	3	2.1*	1	0.7*	4	2.9*	1	0.7*	0	-	1	0.7*	13	9.6*	1	0.7*
NEVADA	5	5.0*	1	1.0*	2	2.0*	2	2.0*	1	1.0*	1	1.0*	0	-	0	-	2	2.0*
ORANGE	37	1.2	64	2.0	58	1.8	46	1.4	67	2.1	54	1.7	59	1.9	78	2.5	92	2.9
PLACER	2	0.5*	4	1.0*	2	0.5*	1	0.3*	2	0.5*	4	1.0*	0	-	1	0.2*	3	0.7*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	37	1.6	36	1.5	44	1.9	39	1.6	31	1.3	29	1.2	37	1.5	29	1.2	45	1.8
SACRAMENTO	16	1.1*	15	1.0*	11	0.7*	18	1.2*	15	1.0*	13	0.8*	12	0.8*	21	1.3	24	1.5
SAN BENITO	0	-	1	1.7*	0	-	2	3.2*	0	-	0	-	2	3.1*	0	-	0	-
SAN BERNARDINO	24	1.1	48	2.3	30	1.4	32	1.5	34	1.6	24	1.1	26	1.2	30	1.4	30	1.4
SAN DIEGO	50	1.5	53	1.6	63	1.9	53	1.6	53	1.6	49	1.5	64	1.9	84	2.6	94	2.9
SAN FRANCISCO	4	0.5*	1	0.1*	7	0.8*	3	0.3*	5	0.6*	1	0.1*	5	0.6*	6	0.7*	6	0.7*
SAN JOAQUIN	6	0.8*	7	0.9*	7	0.9*	6	0.8*	14	1.8*	9	1.2*	1	0.1*	6	0.8*	7	0.9*
SAN LUIS OBISPO	0	-	3	1.1*	1	0.4*	1	0.4*	2	0.7*	3	1.1*	9	3.2*	7	2.5*	9	3.2*
SAN MATEO	0	-	3	0.4*	8	1.0*	2	0.3*	4	0.5*	2	0.3*	4	0.5*	6	0.8*	10	1.4*
SANTA BARBARA	8	1.8*	3	0.7*	7	1.6*	7	1.6*	4	0.9*	1	0.2*	8	1.8*	4	0.9*	13	2.9*
SANTA CLARA	10	0.5*	15	0.8*	10	0.5*	11	0.6*	14	0.7*	6	0.3*	14	0.7*	19	1.0	17	0.9*
SANTA CRUZ	1	0.4*	6	2.2*	3	1.1*	1	0.4*	6	2.2*	4	1.5*	4	1.5*	6	2.3*	5	1.9*
SHASTA	0	-	1	0.6*	2	1.1*	3	1.7*	1	0.6*	1	0.5*	1	0.5*	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-	0	-
SOLANO	5	1.1*	2	0.5*	4	0.9*	3	0.7*	8	1.8*	2	0.4*	2	0.4*	7	1.6*	3	0.7*
SONOMA	1	0.2*	7	1.4*	6	1.2*	5	1.0*	3	0.6*	4	0.8*	5	1.0*	1	0.2*	7	1.5*
STANISLAUS	7	1.3*	7	1.3*	9	1.6*	1	0.2*	2	0.4*	4	0.7*	4	0.7*	6	1.1*	2	0.4*
SUTTER	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	4	4.0*	1	1.0*
TEHAMA	0	-	0	-	1	1.6*	0	-	1	1.5*	0	-	1	1.5*	1	1.5*	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	2	0.4*	5	1.1*	2	0.4*	7	1.5*	4	0.8*	2	0.4*
TUOLUMNE	0	-	2	3.6*	0	-	0	-	0	-	0	-	0	-	1	1.9*	0	-
VENTURA	8	0.9*	10	1.2*	12	1.4*	13	1.5*	14	1.7*	12	1.4*	20	2.4	26	3.1	18	2.2*
YOLO	2	1.0*	2	0.9*	2	0.9*	2	0.9*	2	0.9*	1	0.5*	2	0.9*	2	0.9*	3	1.3*
YUBA	0	-	0	-	1	1.3*	5	6.3*	1	1.2*	1	1.2*	0	-	0	-	1	1.2*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis

Legionellosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	478	600	537	454	558	376	469	592	706
JANUARY	48	48	77	50	63	57	38	55	92
FEBRUARY	46	27	38	26	50	35	32	32	47
MARCH	45	40	26	42	36	47	30	47	50
APRIL	45	38	35	30	42	21	30	52	53
MAY	52	32	42	27	51	20	18	28	47
JUNE	26	26	42	30	35	19	33	45	55
JULY	39	46	52	30	46	29	46	50	54
AUGUST	36	67	57	29	43	34	44	56	56
SEPTEMBER	52	50	48	45	50	25	38	67	66
OCTOBER	31	46	43	36	46	45	46	46	70
NOVEMBER	27	79	43	39	42	29	46	64	67
DECEMBER	31	101	34	70	54	15	68	50	49

For inclusion/exclusion criteria, please refer to the Technical Notes.

Legionellosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	478	1.2	600	1.5	537	1.4	454	1.2	558	1.4	376	1.0	469	1.2	592	1.5	706	1.8
FEMALE	208	1.1	240	1.2	207	1.0	152	0.8	196	1.0	150	0.8	145	0.7	209	1.1	248	1.3
MALE	268	1.4	360	1.8	330	1.7	301	1.5	362	1.8	225	1.1	324	1.7	383	2.0	458	2.4
UNKNOWN	2	-	0	-	0	-	1	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	478	1.2	600	1.5	537	1.4	454	1.2	558	1.4	376	1.0	469	1.2	592	1.5	706	1.8
0	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-
1-4	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*
5-9	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*
10-14	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
15-24	6	0.1*	5	0.1*	2	0.0*	0	-	5	0.1*	2	0.0*	5	0.1*	3	0.1*	5	0.1*
25-34	19	0.4	18	0.3*	15	0.3*	10	0.2*	19	0.4	10	0.2*	14	0.3*	27	0.5	31	0.6
35-44	28	0.5	32	0.6	31	0.6	39	0.8	31	0.6	20	0.4	33	0.7	39	0.8	55	1.1
45-54	65	1.2	99	1.9	73	1.4	77	1.5	81	1.6	54	1.1	67	1.4	79	1.7	71	1.5
55-64	99	2.1	136	2.8	112	2.3	111	2.2	134	2.7	76	1.6	116	2.4	147	3.1	146	3.1
65+	258	4.9	310	5.7	304	5.4	217	3.6	287	4.6	212	3.3	232	3.6	297	4.4	396	5.7
UNKNOWN	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

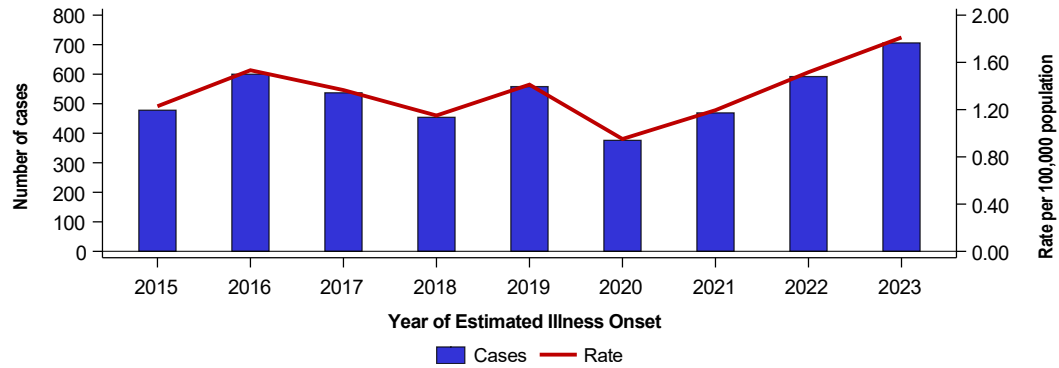
*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis, Cases by Race/Ethnicity, California, 2015-2023

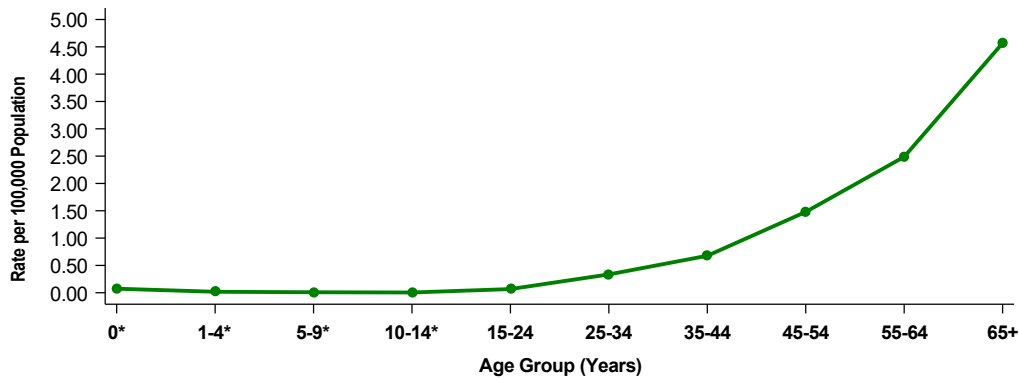
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	478	600	537	454	558	376	469	592	706	
WHITE, NON-HISPANIC	212	291	251	203	226	166	220	277	316	
HISPANIC/LATINO	93	134	99	100	130	88	99	144	174	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	26	30	35	20	43	29	36	39	48	
BLACK, NON-HISPANIC	71	76	65	48	75	31	45	53	82	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	2	4	4	0	1	1	0	0	1	
MULTIPLE RACE, NON-HISPANIC	2	4	2	4	6	3	6	4	3	
OTHER, NON-HISPANIC	8	7	13	22	11	16	24	38	37	
UNKNOWN	64	54	68	57	66	42	39	37	45	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Legionellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

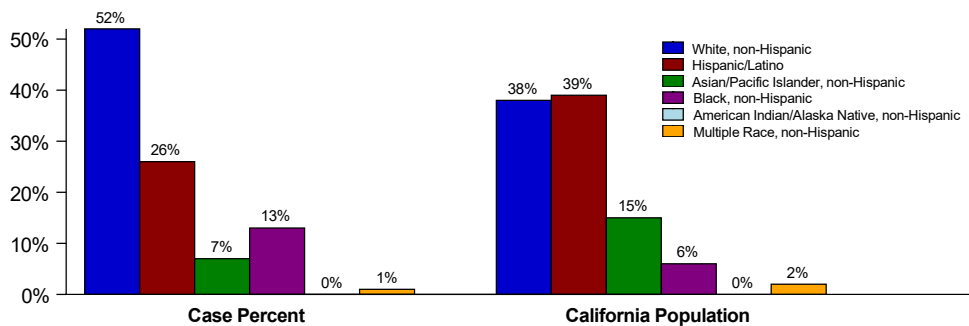


Legionellosis Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis Cases and Population by Race/Ethnicity, California, 2015-2023



9.9% (n=472) of reported incidents of Legionellosis did not identify race/ethnicity and 3.7% (n=176) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Leprosy (Hansen's Disease)

Leprosy (Hansen's Disease), Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	12	0.0*	3	0.0*	8	0.0*	9	0.0*	8	0.0*	7	0.0*	3	0.0*	7	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-	1	0.1*
ALAMEDA	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*	3	0.0*
LOS ANGELES	2	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-
PLACER	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	2	0.1*	1	0.0*	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.1*	0	-
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-	0	-
SAN JOAQUIN	2	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	2	0.2*	0	-	0	-	1	0.1*	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease)

Leprosy (Hansen’s Disease), Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	12	3	8	9	8	7	3	7	4	
JANUARY	2	0	4	0	0	1	0	2	1	
FEBRUARY	0	0	0	3	0	0	0	0	0	
MARCH	0	0	0	2	1	0	0	0	0	
APRIL	0	1	0	0	2	1	0	2	1	
MAY	2	0	0	0	2	0	1	1	0	
JUNE	1	1	0	0	1	1	1	0	1	
JULY	3	0	1	1	1	0	0	0	1	
AUGUST	1	0	1	1	0	1	0	0	0	
SEPTEMBER	0	0	0	0	0	0	1	1	0	
OCTOBER	1	0	1	1	0	1	0	1	0	
NOVEMBER	0	0	1	1	1	1	0	0	0	
DECEMBER	2	1	0	0	0	1	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leprosy (Hansen’s Disease), Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	12	0.0*	3	0.0*	8	0.0*	9	0.0*	8	0.0*	7	0.0*	3	0.0*	7	0.0*	4	0.0*
FEMALE	2	0.0*	1	0.0*	1	0.0*	2	0.0*	3	0.0*	3	0.0*	0	-	1	0.0*	3	0.0*
MALE	10	0.1*	2	0.0*	7	0.0*	7	0.0*	5	0.0*	4	0.0*	3	0.0*	6	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease), Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	12	0.0*	3	0.0*	8	0.0*	9	0.0*	8	0.0*	7	0.0*	3	0.0*	7	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
25-34	3	0.1*	1	0.0*	2	0.0*	2	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-
35-44	4	0.1*	0	-	3	0.1*	2	0.0*	2	0.0*	3	0.1*	2	0.0*	2	0.0*	1	0.0*
45-54	2	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.0*	0	-	1	0.0*	2	0.0*
65+	0	-	0	-	2	0.0*	3	0.1*	4	0.1*	1	0.0*	1	0.0*	3	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

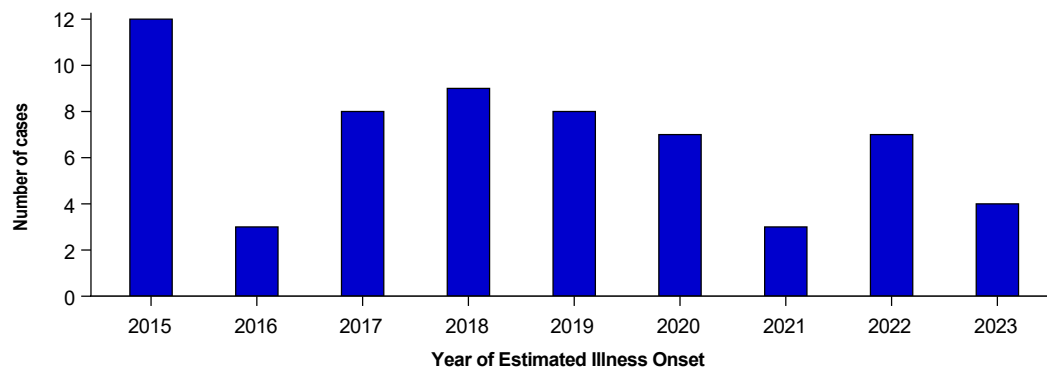
*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease), Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	12	3	8	9	8	7	3	7	4	
WHITE, NON-HISPANIC	1	0	0	0	1	0	0	0	1	
HISPANIC/LATINO	4	1	3	4	5	2	1	2	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	4	2	4	2	1	2	2	3	2	
BLACK, NON-HISPANIC	1	0	0	1	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	1	0	0	1	0	1	0	
UNKNOWN	2	0	0	2	1	2	0	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leprosy (Hansen’s Disease) Cases by Year of Estimated Illness Onset, California, 2015-2023



Leptospirosis

Leptospirosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	8	0.0*	5	0.0*	8	0.0*	10	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	1	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
LOS ANGELES	0	-	0	-	1	0.0*	0	-	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
NAPA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
PLACER	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
SACRAMENTO	0	-	1	0.1*	2	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	2	0.1*	0	-
SAN FRANCISCO	0	-	1	0.1*	1	0.1*	0	-	2	0.2*	2	0.2*	0	-	1	0.1*	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-	2	0.1*	1	0.1*	0	-	0	-	2	0.1*	1	0.1*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.2*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis

Leptospirosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	1	6	7	8	8	8	5	8	10
JANUARY	0	0	0	1	0	1	0	2	4
FEBRUARY	0	0	1	0	0	1	0	0	0
MARCH	0	1	1	1	0	0	0	0	0
APRIL	0	2	1	0	0	0	1	0	0
MAY	0	1	0	1	1	1	0	0	0
JUNE	0	0	1	1	0	0	0	0	2
JULY	1	0	0	1	3	0	0	2	3
AUGUST	0	0	1	3	2	1	0	1	0
SEPTEMBER	0	1	1	0	0	0	1	1	1
OCTOBER	0	0	0	0	0	2	2	1	0
NOVEMBER	0	0	1	0	1	1	0	1	0
DECEMBER	0	1	0	0	1	1	1	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leptospirosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	8	0.0*	5	0.0*	8	0.0*	10	0.0*
FEMALE	0	-	3	0.0*	1	0.0*	1	0.0*	4	0.0*	0	-	2	0.0*	2	0.0*	2	0.0*
MALE	1	0.0*	3	0.0*	6	0.0*	7	0.0*	4	0.0*	8	0.0*	3	0.0*	6	0.0*	8	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	8	0.0*	5	0.0*	8	0.0*	10	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	1	0.0*	0	-	3	0.1*	0	-	1	0.0*	0	-	1	0.0*	1	0.0*
25-34	0	-	1	0.0*	2	0.0*	2	0.0*	0	-	2	0.0*	1	0.0*	2	0.0*	4	0.1*
35-44	0	-	1	0.0*	1	0.0*	0	-	3	0.1*	1	0.0*	2	0.0*	0	-	1	0.0*
45-54	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*
55-64	0	-	2	0.0*	2	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*	2	0.0*	1	0.0*
65+	0	-	0	-	2	0.0*	0	-	1	0.0*	1	0.0*	0	-	2	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

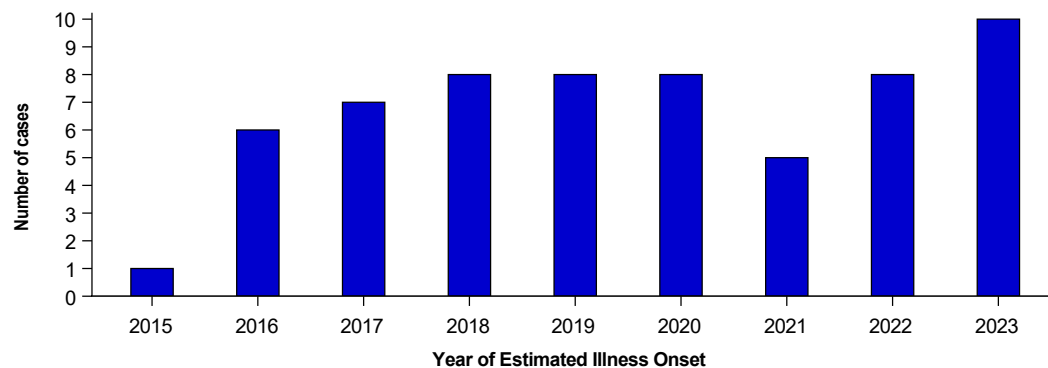
*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	6	7	8	8	8	5	8	10	
WHITE, NON-HISPANIC	1	2	4	3	3	4	2	6	8	
HISPANIC/LATINO	0	0	1	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	3	0	1	0	1	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	1	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	2	1	1	1	
UNKNOWN	0	3	2	5	2	2	1	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Leptospirosis Cases by Year of Estimated Illness Onset, California, 2015-2023



Listeriosis

Listeriosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	131	0.3	131	0.3	133	0.3	88	0.2	113	0.3	112	0.3	106	0.3	104	0.3	144	0.4
ALAMEDA COUNTY TOTAL	8	0.5*	6	0.4*	8	0.5*	5	0.3*	7	0.4*	5	0.3*	5	0.3*	8	0.5*	8	0.5*
ALAMEDA	8	0.5*	6	0.4*	8	0.5*	5	0.3*	7	0.5*	5	0.3*	5	0.3*	8	0.5*	7	0.5*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	3	1.3*	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	1	0.1*	5	0.4*	1	0.1*	2	0.2*	1	0.1*	3	0.3*	3	0.3*	4	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	2	1.1*	0	-	0	-	1	0.5*	0	-	0	-	0	-
FRESNO	2	0.2*	1	0.1*	1	0.1*	1	0.1*	0	-	2	0.2*	2	0.2*	0	-	6	0.6*
GLENN	0	-	1	3.6*	1	3.6*	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	2	1.5*	0	-	1	0.7*
IMPERIAL	1	0.6*	0	-	2	1.1*	1	0.6*	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	2	0.2*	2	0.2*	3	0.3*	0	-	0	-	1	0.1*	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	2	1.3*	1	0.7*	0	-	1	0.7*	0	-
LAKE	0	-	1	1.5*	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	40	0.4	37	0.4	33	0.3	17	0.2*	29	0.3	23	0.2	34	0.3	29	0.3	35	0.4
LOS ANGELES	37	0.4	35	0.4	29	0.3	16	0.2*	27	0.3	23	0.2	33	0.4	26	0.3	33	0.4
LONG BEACH	0	-	0	-	2	0.4*	1	0.2*	1	0.2*	0	-	1	0.2*	2	0.4*	1	0.2*
PASADENA	3	2.1*	2	1.4*	2	1.4*	0	-	1	0.7*	0	-	0	-	1	0.7*	1	0.7*
MADERA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	1	0.6*
MARIN	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	3	1.2*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	1	1.1*	0	-	3	3.3*	0	-	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	2	0.7*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	2	0.5*	1	0.2*	2	0.5*	0	-	1	0.2*	2	0.5*	1	0.2*	3	0.7*
NAPA	0	-	1	0.7*	1	0.7*	0	-	1	0.7*	0	-	1	0.7*	0	-	2	1.5*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	12	0.4*	5	0.2*	16	0.5*	9	0.3*	7	0.2*	14	0.4*	11	0.3*	12	0.4*	9	0.3*
PLACER	1	0.3*	1	0.3*	2	0.5*	1	0.3*	0	-	0	-	1	0.2*	1	0.2*	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	9	0.4*	7	0.3*	4	0.2*	4	0.2*	5	0.2*	5	0.2*	1	0.0*	2	0.1*	7	0.3*
SACRAMENTO	2	0.1*	6	0.4*	3	0.2*	1	0.1*	8	0.5*	3	0.2*	6	0.4*	3	0.2*	5	0.3*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-
SAN BERNARDINO	3	0.1*	2	0.1*	3	0.1*	5	0.2*	12	0.6*	5	0.2*	5	0.2*	3	0.1*	4	0.2*
SAN DIEGO	10	0.3*	18	0.6*	17	0.5*	15	0.5*	8	0.2*	23	0.7	8	0.2*	20	0.6	15	0.5*
SAN FRANCISCO	9	1.1*	3	0.3*	5	0.6*	2	0.2*	1	0.1*	6	0.7*	5	0.6*	2	0.2*	11	1.3*
SAN JOAQUIN	0	-	0	-	2	0.3*	2	0.3*	2	0.3*	1	0.1*	1	0.1*	0	-	2	0.3*
SAN LUIS OBISPO	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-
SAN MATEO	8	1.1*	6	0.8*	9	1.2*	3	0.4*	3	0.4*	8	1.1*	2	0.3*	3	0.4*	4	0.5*
SANTA BARBARA	3	0.7*	2	0.5*	0	-	3	0.7*	4	0.9*	3	0.7*	0	-	0	-	4	0.9*
SANTA CLARA	7	0.4*	5	0.3*	11	0.6*	6	0.3*	8	0.4*	6	0.3*	0	-	2	0.1*	6	0.3*
SANTA CRUZ	2	0.7*	2	0.7*	0	-	0	-	0	-	0	-	0	-	3	1.1*	1	0.4*
SHASTA	1	0.6*	1	0.6*	0	-	0	-	0	-	1	0.5*	1	0.5*	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	2	0.5*	0	-	1	0.2*	2	0.4*	1	0.2*	3	0.7*	0	-	1	0.2*
SONOMA	1	0.2*	3	0.6*	1	0.2*	2	0.4*	1	0.2*	0	-	1	0.2*	3	0.6*	2	0.4*
STANISLAUS	1	0.2*	2	0.4*	0	-	0	-	3	0.5*	0	-	1	0.2*	0	-	0	-
SUTTER	0	-	4	4.1*	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	3	0.7*	0	-	0	-	1	0.2*	4	0.8*	0	-	0	-	1	0.2*	0	-
TUOLUMNE	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.2*	2	0.2*	3	0.4*	0	-	2	0.2*	0	-	3	0.4*	3	0.4*	3	0.4*
YOLO	0	-	2	0.9*	0	-	1	0.5*	0	-	1	0.5*	0	-	2	0.9*	2	0.9*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis

Listeriosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	131	131	133	88	113	112	106	104	144	
JANUARY	11	2	15	3	11	3	4	6	10	
FEBRUARY	7	8	8	4	8	5	4	5	14	
MARCH	9	12	11	7	5	5	5	5	13	
APRIL	9	12	7	3	7	4	10	8	13	
MAY	5	6	5	9	13	7	7	9	9	
JUNE	19	11	13	9	16	15	6	10	13	
JULY	13	13	19	12	13	13	11	11	22	
AUGUST	14	16	16	15	11	12	11	18	12	
SEPTEMBER	13	19	16	9	11	11	16	12	10	
OCTOBER	13	13	8	5	3	16	15	8	11	
NOVEMBER	11	10	6	6	10	5	2	6	7	
DECEMBER	7	9	9	6	5	16	15	6	10	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	131	0.3	131	0.3	133	0.3	88	0.2	113	0.3	112	0.3	106	0.3	104	0.3	144	0.4
FEMALE	78	0.4	66	0.3	85	0.4	51	0.3	65	0.3	62	0.3	54	0.3	52	0.3	79	0.4
MALE	53	0.3	65	0.3	48	0.2	37	0.2	48	0.2	50	0.3	52	0.3	52	0.3	65	0.3

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	131	0.3	131	0.3	133	0.3	88	0.2	113	0.3	112	0.3	106	0.3	104	0.3	144	0.4
0	4	0.8*	4	0.8*	4	0.8*	10	2.2*	5	1.1*	7	1.6*	8	1.9*	7	1.7*	8	2.0*
1-4	1	0.1*	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
10-14	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-
15-24	2	0.0*	5	0.1*	2	0.0*	2	0.0*	3	0.1*	3	0.1*	4	0.1*	4	0.1*	3	0.1*
25-34	7	0.1*	9	0.2*	10	0.2*	5	0.1*	9	0.2*	12	0.2*	12	0.2*	6	0.1*	12	0.2*
35-44	8	0.2*	7	0.1*	13	0.3*	6	0.1*	8	0.2*	7	0.1*	5	0.1*	9	0.2*	11	0.2*
45-54	8	0.2*	13	0.2*	15	0.3*	5	0.1*	11	0.2*	6	0.1*	3	0.1*	6	0.1*	16	0.3*
55-64	19	0.4	15	0.3*	14	0.3*	17	0.3*	16	0.3*	13	0.3*	14	0.3*	12	0.3*	26	0.6
65+	82	1.6	77	1.4	72	1.3	43	0.7	61	1.0	64	1.0	59	0.9	58	0.9	68	1.0

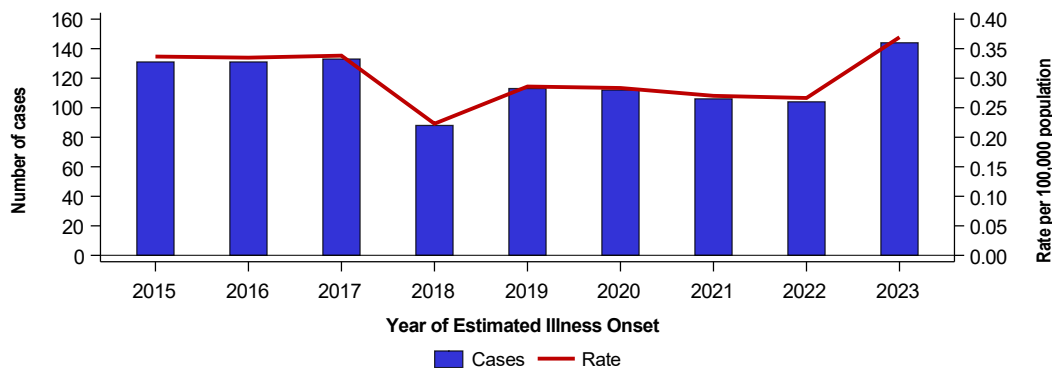
Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases by Race/Ethnicity, California, 2015-2023

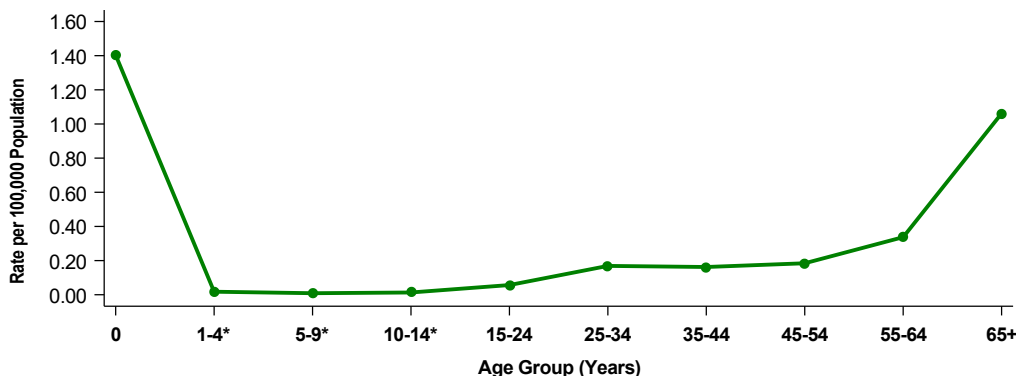
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	131	131	133	88	113	112	106	104	144	
WHITE, NON-HISPANIC	48	59	45	29	33	33	33	33	39	
HISPANIC/LATINO	37	32	35	30	39	40	37	31	47	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	20	22	33	16	25	25	25	25	29	
BLACK, NON-HISPANIC	4	6	6	2	6	2	2	4	5	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	1	0	1	
MULTIPLE RACE, NON-HISPANIC	2	0	0	1	2	1	0	1	4	
OTHER, NON-HISPANIC	5	4	4	5	4	3	5	4	8	
UNKNOWN	15	8	10	5	4	8	3	6	11	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

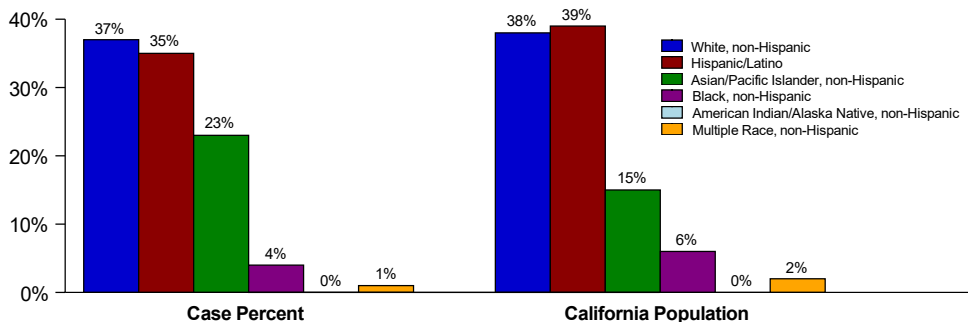


Listeriosis Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Listeriosis Cases and Population by Race/Ethnicity, California, 2015-2023



6.6% (n=70) of reported incidents of Listeriosis did not identify race/ethnicity and 4% (n=42) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Lyme Disease

Lyme Disease, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	130	0.3	152	0.4	178	0.5	124	0.3	140	0.4	57	0.1	117	0.3	81	0.2	109	0.3
ALAMEDA COUNTY TOTAL	11	0.7*	15	0.9*	14	0.8*	4	0.2*	12	0.7*	6	0.4*	5	0.3*	5	0.3*	6	0.4*
ALAMEDA	9	0.6*	12	0.8*	13	0.9*	4	0.3*	7	0.5*	5	0.3*	4	0.3*	3	0.2*	6	0.4*
BERKELEY	2	1.7*	3	2.5*	1	0.8*	0	-	5	4.1*	1	0.8*	1	0.8*	2	1.6*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	2	5.4*	0	-	0	-	0	-	0	-	1	2.5*	0	-	0	-	0	-
BUTTE	0	-	3	1.3*	0	-	0	-	1	0.4*	0	-	1	0.5*	1	0.5*	1	0.5*
CALAVERAS	1	2.2*	0	-	1	2.2*	0	-	1	2.2*	0	-	0	-	0	-	2	4.5*
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	8	0.7*	11	1.0*	11	1.0*	10	0.9*	4	0.3*	2	0.2*	6	0.5*	2	0.2*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.8*	0	-
EL DORADO	2	1.1*	4	2.2*	1	0.5*	0	-	0	-	0	-	1	0.5*	5	2.6*	1	0.5*
FRESNO	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
GLENN	0	-	0	-	1	3.6*	1	3.6*	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	9	6.6*	7	5.1*	3	2.2*	5	3.6*	8	5.9*	2	1.5*	0	-	5	3.7*	6	4.5*
IMPERIAL	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	1	0.7*	1	0.7*	0	-	2	1.3*	1	0.7*	0	-	0	-	0	-
LAKE	1	1.5*	1	1.5*	0	-	2	2.9*	2	2.9*	1	1.5*	0	-	0	-	0	-
LASSEN	1	3.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	7	0.1*	2	0.0*	3	0.0*	5	0.0*	3	0.0*	2	0.0*	7	0.1*	7	0.1*	15	0.2*
LOS ANGELES	4	0.0*	1	0.0*	0	-	4	0.0*	3	0.0*	0	-	4	0.0*	7	0.1*	15	0.2*
LONG BEACH	1	0.2*	1	0.2*	2	0.4*	0	-	0	-	1	0.2*	3	0.7*	0	-	0	-
PASADENA	2	1.4*	0	-	1	0.7*	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-	0	-	0	-	1	0.6*	0	-	1	0.6*	0	-
MARIN	6	2.3*	2	0.8*	0	-	2	0.8*	8	3.0*	2	0.8*	5	1.9*	3	1.2*	0	-
MARIPOSA	1	5.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	2	2.2*	1	1.1*	9	9.8*	3	3.3*	9	10.0*	7	7.8*	2	2.2*
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	2	0.5*	0	-	0	-	3	0.7*	0	-	2	0.5*	1	0.2*	0	-
NAPA	3	2.1*	1	0.7*	1	0.7*	2	1.4*	0	-	1	0.7*	2	1.5*	2	1.5*	1	0.7*
NEVADA	1	1.0*	2	2.0*	0	-	2	2.0*	2	2.0*	0	-	0	-	2	2.0*	1	1.0*
ORANGE	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	1	0.3*	3	0.8*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	3	0.1*	4	0.2*	5	0.2*	6	0.3*	3	0.1*	4	0.2*	5	0.2*	0	-	4	0.2*
SACRAMENTO	0	-	1	0.1*	2	0.1*	4	0.3*	2	0.1*	0	-	0	-	2	0.1*	4	0.3*
SAN BENITO	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*
SAN BERNARDINO	1	0.0*	2	0.1*	0	-	1	0.0*	5	0.2*	1	0.0*	4	0.2*	0	-	0	-
SAN DIEGO	11	0.3*	8	0.2*	18	0.5*	8	0.2*	0	-	3	0.1*	11	0.3*	4	0.1*	11	0.3*
SAN FRANCISCO	0	-	2	0.2*	20	2.3	17	1.9*	13	1.5*	10	1.1*	12	1.4*	2	0.2*	4	0.5*
SAN JOAQUIN	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*	0	-	0	-	0	-	2	0.3*
SAN LUIS OBISPO	5	1.8*	3	1.1*	1	0.4*	3	1.1*	2	0.7*	3	1.1*	2	0.7*	4	1.4*	0	-
SAN MATEO	6	0.8*	10	1.3*	4	0.5*	0	-	3	0.4*	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	5	1.1*	7	1.6*	3	0.7*	6	1.3*	3	0.7*	1	0.2*	4	0.9*	3	0.7*	4	0.9*
SANTA CLARA	11	0.6*	16	0.8*	25	1.3	7	0.4*	6	0.3*	5	0.3*	9	0.5*	4	0.2*	12	0.6*
SANTA CRUZ	12	4.4*	5	1.8*	21	7.6	10	3.7*	14	5.1*	2	0.7*	13	4.9*	6	2.3*	12	4.5*
SHASTA	0	-	1	0.6*	1	0.6*	0	-	0	-	1	0.5*	1	0.5*	1	0.6*	2	1.1*
SIERRA	0	-	0	-	0	-	1	30.9*	0	-	0	-	0	-	0	-	0	-
SISKIYOU	2	4.5*	1	2.2*	0	-	1	2.3*	1	2.3*	0	-	3	6.9*	0	-	0	-
SOLANO	0	-	4	0.9*	2	0.4*	2	0.4*	1	0.2*	2	0.4*	1	0.2*	0	-	0	-
SONOMA	13	2.6*	15	3.0*	19	3.8	11	2.2*	10	2.0*	0	-	4	0.8*	5	1.0*	11	2.3*
STANISLAUS	0	-	1	0.2*	3	0.5*	5	0.9*	1	0.2*	1	0.2*	1	0.2*	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	3	4.7*	1	1.6*	0	-	0	-	0	-	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	2	0.4*	1	0.2*	8	1.7*	0	-	0	-	0	-	2	0.4*
TUOLUMNE	1	1.8*	2	3.6*	0	-	0	-	2	3.6*	0	-	0	-	0	-	0	-
VENTURA	0	-	6	0.7*	5	0.6*	3	0.4*	4	0.5*	0	-	5	0.6*	2	0.2*	1	0.1*
YOLO	1	0.5*	1	0.5*	3	1.4*	1	0.5*	3	1.4*	0	-	1	0.5*	1	0.4*	0	-
YUBA	0	-	0	-	0	-	0	-	1	1.2*	1	1.2*	2	2.4*	1	1.2*	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease

Lyme Disease, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	130	152	178	124	140	57	117	81	109	
JANUARY	11	7	13	6	5	4	8	4	6	
FEBRUARY	3	4	6	5	6	7	5	5	5	
MARCH	6	6	17	4	8	2	3	6	5	
APRIL	9	10	10	10	11	5	7	6	1	
MAY	16	11	21	11	10	3	8	2	7	
JUNE	13	19	28	21	17	9	21	9	14	
JULY	21	30	26	22	22	7	24	17	26	
AUGUST	19	30	23	8	17	2	17	10	19	
SEPTEMBER	10	10	8	16	15	5	9	6	7	
OCTOBER	10	12	12	5	10	4	6	7	11	
NOVEMBER	6	5	9	7	12	4	6	6	5	
DECEMBER	6	8	5	9	7	5	3	3	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Lyme Disease, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	130	0.3	152	0.4	178	0.5	124	0.3	140	0.4	57	0.1	117	0.3	81	0.2	109	0.3
FEMALE	52	0.3	66	0.3	96	0.5	70	0.4	74	0.4	23	0.1	53	0.3	39	0.2	55	0.3
MALE	78	0.4	85	0.4	81	0.4	54	0.3	66	0.3	34	0.2	64	0.3	42	0.2	52	0.3
UNKNOWN	0	-	1	-	1	-	0	-	0	-	0	-	0	-	0	-	2	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	130	0.3	152	0.4	178	0.5	124	0.3	140	0.4	57	0.1	117	0.3	81	0.2	109	0.3
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
1-4	3	0.2*	4	0.2*	4	0.2*	2	0.1*	1	0.1*	2	0.1*	2	0.1*	2	0.1*	2	0.1*
5-9	17	0.7*	10	0.4*	5	0.2*	5	0.2*	9	0.4*	1	0.0*	17	0.7*	7	0.3*	5	0.2*
10-14	11	0.4*	14	0.6*	15	0.6*	7	0.3*	4	0.2*	3	0.1*	6	0.2*	8	0.3*	8	0.3*
15-24	10	0.2*	9	0.2*	17	0.3*	13	0.2*	20	0.4	8	0.1*	11	0.2*	8	0.1*	10	0.2*
25-34	15	0.3*	28	0.5	27	0.5	15	0.3*	23	0.4	16	0.3*	9	0.2*	8	0.1*	19	0.3
35-44	16	0.3*	24	0.5	26	0.5	15	0.3*	15	0.3*	7	0.1*	15	0.3*	6	0.1*	17	0.4*
45-54	21	0.4	17	0.3*	26	0.5	24	0.5	19	0.4	6	0.1*	7	0.1*	11	0.2*	11	0.2*
55-64	16	0.3*	19	0.4	31	0.6	27	0.5	22	0.4	3	0.1*	26	0.5	11	0.2*	14	0.3*
65+	21	0.4	26	0.5	27	0.5	16	0.3*	27	0.4	11	0.2*	24	0.4	19	0.3	23	0.3
UNKNOWN	0	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

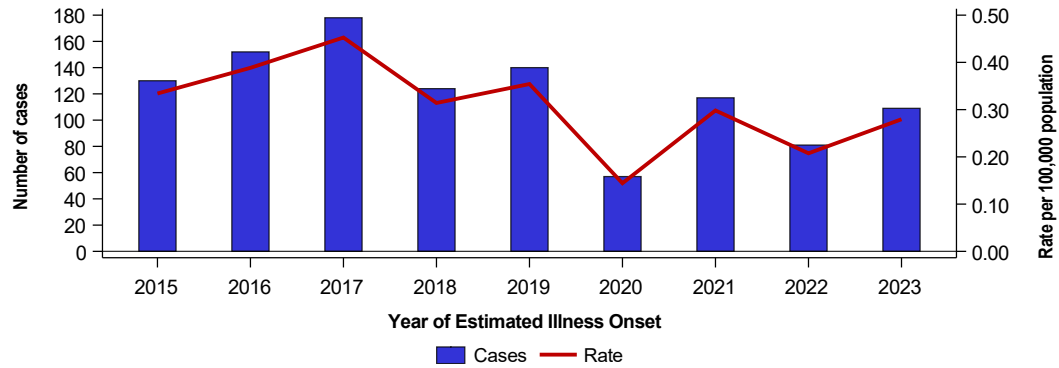
*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease, Cases by Race/Ethnicity, California, 2015-2023

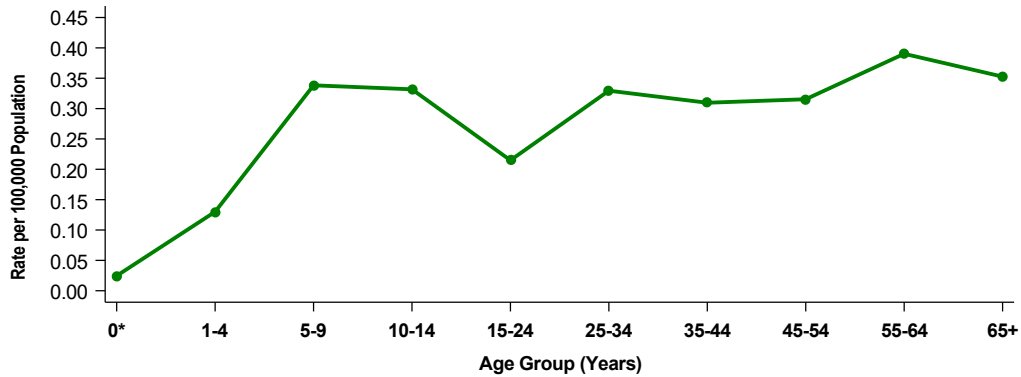
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	130	152	178	124	140	57	117	81	109	
WHITE, NON-HISPANIC	64	58	66	43	48	20	67	49	54	
HISPANIC/LATINO	4	9	7	2	5	3	8	6	7	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	8	9	4	5	4	4	4	3	3	
BLACK, NON-HISPANIC	1	1	1	3	1	1	0	1	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	1	0	0	1	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	2	0	1	0	0	2	
OTHER, NON-HISPANIC	0	5	5	5	4	2	3	1	4	
UNKNOWN	52	69	94	64	77	26	35	21	38	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Lyme Disease Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

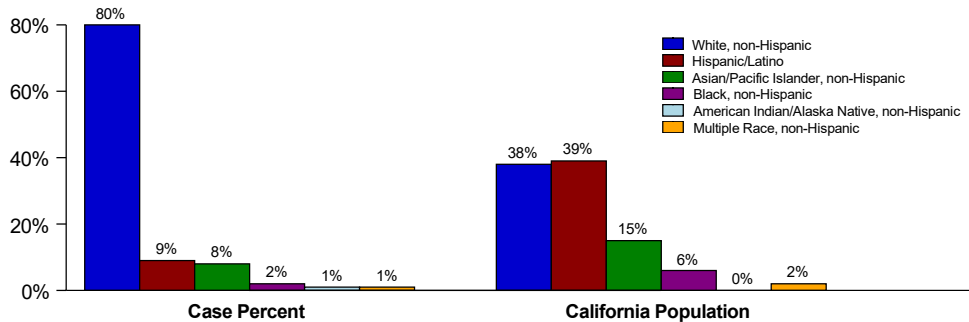


Lyme Disease Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease Cases and Population by Race/Ethnicity, California, 2015-2023



43.8% (n=476) of reported incidents of Lyme Disease did not identify race/ethnicity and 2.7% (n=29) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Malaria

Malaria, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	45	0.1	82	0.2	117	0.3	153	0.4
ALAMEDA COUNTY TOTAL	12	0.7*	18	1.1*	16	1.0*	13	0.8*	12	0.7*	3	0.2*	11	0.7*	18	1.1*	16	1.0*
ALAMEDA	11	0.7*	14	0.9*	16	1.1*	12	0.8*	12	0.8*	2	0.1*	10	0.6*	18	1.2*	14	0.9*
BERKELEY	1	0.8*	4	3.3*	0	-	1	0.8*	0	-	1	0.8*	1	0.8*	0	-	2	1.6*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.4*	8	0.7*	3	0.3*	3	0.3*	8	0.7*	2	0.2*	3	0.3*	5	0.4*	8	0.7*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	1	0.1*	0	-	2	0.2*	0	-	0	-	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	2	0.2*	3	0.3*	0	-	1	0.1*	2	0.2*	1	0.1*	2	0.2*	1	0.1*	2	0.2*
KINGS	0	-	0	-	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	1	0.7*
LAKE	0	-	0	-	1	1.5*	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	23	0.2	29	0.3	35	0.3	25	0.2	18	0.2*	10	0.1*	20	0.2	37	0.4	49	0.5
LOS ANGELES	21	0.2	27	0.3	34	0.4	22	0.2	17	0.2*	8	0.1*	18	0.2*	34	0.4	49	0.5
LONG BEACH	2	0.4*	0	-	1	0.2*	2	0.4*	0	-	2	0.4*	2	0.4*	2	0.4*	0	-
PASADENA	0	-	2	1.4*	0	-	1	0.7*	1	0.7*	0	-	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-
MARIN	1	0.4*	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	1	0.4*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	1	11.5*	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	1	0.2*	2	0.5*	0	-	0	-	0	-	1	0.2*
NAPA	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	2	2.0*	0	-
ORANGE	9	0.3*	9	0.3*	4	0.1*	3	0.1*	6	0.2*	2	0.1*	3	0.1*	4	0.1*	2	0.1*
PLACER	0	-	1	0.3*	1	0.3*	1	0.3*	3	0.7*	0	-	2	0.5*	1	0.2*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.2*	4	0.2*	10	0.4*	3	0.1*	3	0.1*	0	-	2	0.1*	0	-	3	0.1*
SACRAMENTO	6	0.4*	8	0.5*	12	0.8*	14	0.9*	11	0.7*	7	0.4*	7	0.4*	9	0.6*	10	0.6*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.1*	8	0.4*	5	0.2*	3	0.1*	5	0.2*	0	-	6	0.3*	3	0.1*	2	0.1*
SAN DIEGO	8	0.2*	13	0.4*	7	0.2*	8	0.2*	6	0.2*	7	0.2*	8	0.2*	10	0.3*	16	0.5*
SAN FRANCISCO	5	0.6*	7	0.8*	6	0.7*	3	0.3*	3	0.3*	0	-	2	0.2*	1	0.1*	5	0.6*
SAN JOAQUIN	0	-	2	0.3*	5	0.7*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	3	0.4*	7	0.9*
SAN LUIS OBISPO	0	-	1	0.4*	0	-	1	0.4*	1	0.4*	1	0.4*	0	-	0	-	0	-
SAN MATEO	6	0.8*	1	0.1*	3	0.4*	4	0.5*	1	0.1*	1	0.1*	1	0.1*	2	0.3*	2	0.3*
SANTA BARBARA	1	0.2*	3	0.7*	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	1	0.2*
SANTA CLARA	9	0.5*	9	0.5*	12	0.6*	8	0.4*	14	0.7*	5	0.3*	6	0.3*	14	0.7*	12	0.6*
SANTA CRUZ	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	2	0.5*	0	-	0	-	1	0.2*	0	-	2	0.4*	1	0.2*	1	0.2*
SONOMA	0	-	0	-	3	0.6*	0	-	0	-	0	-	0	-	0	-	2	0.4*
STANISLAUS	0	-	1	0.2*	2	0.4*	0	-	1	0.2*	0	-	2	0.4*	0	-	2	0.4*
SUTTER	1	1.0*	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	3	0.4*	0	-	2	0.2*	0	-	1	0.1*	1	0.1*	3	0.4*
YOLO	2	1.0*	1	0.5*	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-	4	1.8*
YUBA	0	-	1	1.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria

Malaria, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	101	129	134	97	105	45	82	117	153	
JANUARY	9	6	9	10	9	12	4	12	11	
FEBRUARY	7	7	6	4	2	3	2	7	4	
MARCH	3	5	5	3	5	3	3	6	8	
APRIL	7	11	9	10	6	4	3	12	7	
MAY	6	11	11	7	9	6	11	6	10	
JUNE	13	14	8	8	14	1	8	11	11	
JULY	14	16	18	10	11	5	9	17	21	
AUGUST	11	24	16	11	9	3	12	10	19	
SEPTEMBER	10	15	21	12	18	0	11	12	26	
OCTOBER	11	6	15	5	9	3	5	11	6	
NOVEMBER	6	7	9	8	5	0	5	8	13	
DECEMBER	4	7	7	9	8	5	9	5	17	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Malaria, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	45	0.1	82	0.2	117	0.3	153	0.4
FEMALE	38	0.2	53	0.3	46	0.2	43	0.2	42	0.2	20	0.1	24	0.1	40	0.2	50	0.3
MALE	63	0.3	76	0.4	88	0.4	54	0.3	63	0.3	25	0.1	58	0.3	77	0.4	103	0.5

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	45	0.1	82	0.2	117	0.3	153	0.4
0	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
1-4	1	0.1*	3	0.2*	2	0.1*	5	0.3*	2	0.1*	3	0.2*	0	-	5	0.3*	2	0.1*
5-9	5	0.2*	7	0.3*	4	0.2*	6	0.2*	8	0.3*	2	0.1*	1	0.0*	5	0.2*	0	-
10-14	3	0.1*	5	0.2*	9	0.4*	2	0.1*	8	0.3*	2	0.1*	6	0.2*	5	0.2*	7	0.3*
15-24	15	0.3*	16	0.3*	22	0.4	14	0.3*	10	0.2*	7	0.1*	10	0.2*	14	0.3*	13	0.2*
25-34	24	0.4	31	0.6	29	0.5	20	0.4	14	0.3*	12	0.2*	15	0.3*	26	0.5	24	0.4
35-44	21	0.4	15	0.3*	20	0.4	14	0.3*	23	0.4	4	0.1*	12	0.2*	20	0.4	47	1.0
45-54	11	0.2*	15	0.3*	15	0.3*	15	0.3*	12	0.2*	8	0.2*	16	0.3*	12	0.3*	22	0.5
55-64	9	0.2*	20	0.4	20	0.4	16	0.3*	13	0.3*	2	0.0*	15	0.3*	15	0.3*	20	0.4
65+	11	0.2*	16	0.3*	12	0.2*	5	0.1*	14	0.2*	5	0.1*	7	0.1*	15	0.2*	18	0.3*
UNKNOWN	1	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

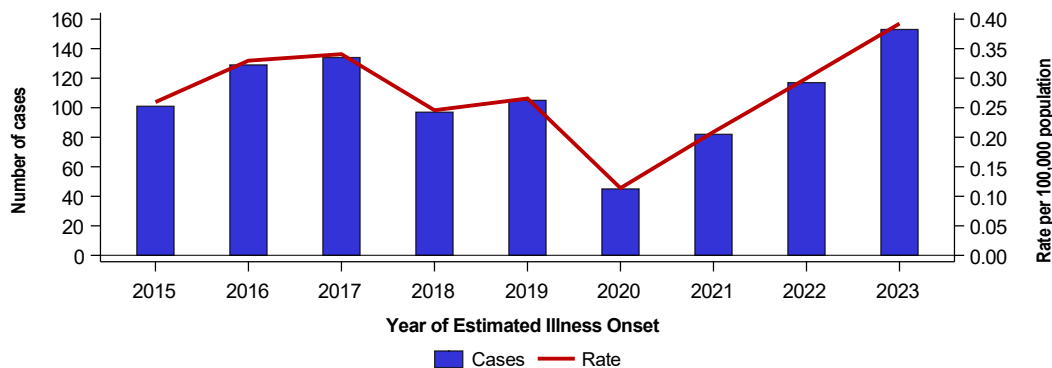
*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria, Cases by Race/Ethnicity, California, 2015-2023

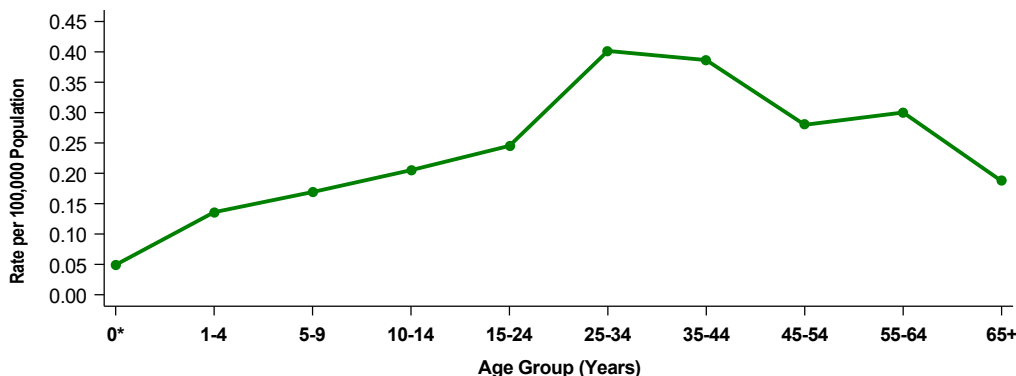
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	101	129	134	97	105	45	82	117	153	
WHITE, NON-HISPANIC	18	21	17	11	12	7	6	9	17	
HISPANIC/LATINO	5	8	5	2	3	0	5	5	7	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	17	15	17	24	12	7	6	10	34	
BLACK, NON-HISPANIC	39	62	68	36	47	17	48	65	62	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	3	2	2	0	0	0	1	0	
MULTIPLE RACE, NON-HISPANIC	0	2	1	1	1	2	1	1	0	
OTHER, NON-HISPANIC	7	7	12	9	11	6	6	12	17	
UNKNOWN	14	11	12	12	19	6	10	14	16	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Malaria Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

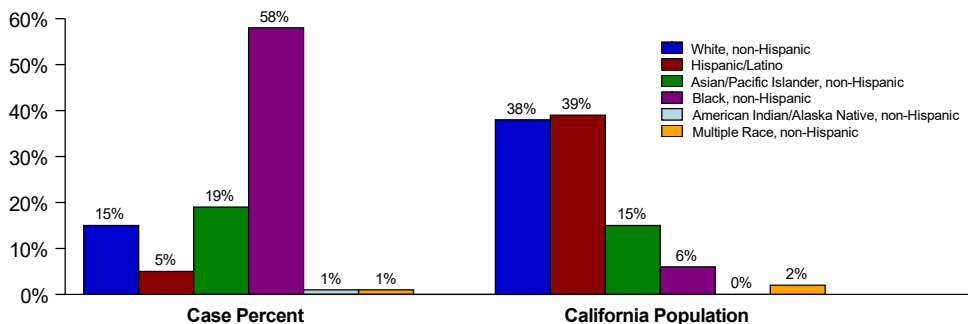


Malaria Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria Cases and Population by Race/Ethnicity, California, 2015-2023



11.8% (n=114) of reported incidents of Malaria did not identify race/ethnicity and 9% (n=87) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0		0		0		1	0.0*	0		0		1	0.0*	0		0	
ALAMEDA COUNTY TOTAL	0		0		0		0	-	0		0		1	0.1*	0		0	
ALAMEDA	0		0		0		0	-	0		0		1	0.1*	0		0	
BERKELEY	0		0		0		0	-	0		0		0	-	0		0	
ALPINE	0		0		0		0	-	0		0		0	-	0		0	
AMADOR	0		0		0		0	-	0		0		0	-	0		0	
BUTTE	0		0		0		0	-	0		0		0	-	0		0	
CALAVERAS	0		0		0		0	-	0		0		0	-	0		0	
COLUSA	0		0		0		0	-	0		0		0	-	0		0	
CONTRA COSTA	0		0		0		0	-	0		0		0	-	0		0	
DEL NORTE	0		0		0		0	-	0		0		0	-	0		0	
EL DORADO	0		0		0		0	-	0		0		0	-	0		0	
FRESNO	0		0		0		0	-	0		0		0	-	0		0	
GLENN	0		0		0		0	-	0		0		0	-	0		0	
HUMBOLDT	0		0		0		0	-	0		0		0	-	0		0	
IMPERIAL	0		0		0		0	-	0		0		0	-	0		0	
INYO	0		0		0		0	-	0		0		0	-	0		0	
KERN	0		0		0		0	-	0		0		0	-	0		0	
KINGS	0		0		0		0	-	0		0		0	-	0		0	
LAKE	0		0		0		0	-	0		0		0	-	0		0	
LASSEN	0		0		0		0	-	0		0		0	-	0		0	
LOS ANGELES COUNTY TOTAL	0		0		0		0	-	0		0		0	-	0		0	
LOS ANGELES	0		0		0		0	-	0		0		0	-	0		0	
LONG BEACH	0		0		0		0	-	0		0		0	-	0		0	
PASADENA	0		0		0		0	-	0		0		0	-	0		0	
MADERA	0		0		0		0	-	0		0		0	-	0		0	
MARIN	0		0		0		0	-	0		0		0	-	0		0	
MARIPOSA	0		0		0		0	-	0		0		0	-	0		0	
MENDOCINO	0		0		0		0	-	0		0		0	-	0		0	
MERCED	0		0		0		0	-	0		0		0	-	0		0	
MODOC	0		0		0		0	-	0		0		0	-	0		0	
MONO	0		0		0		0	-	0		0		0	-	0		0	
MONTEREY	0		0		0		0	-	0		0		0	-	0		0	
NAPA	0		0		0		0	-	0		0		0	-	0		0	
NEVADA	0		0		0		0	-	0		0		0	-	0		0	
ORANGE	0		0		0		0	-	0		0		0	-	0		0	
PLACER	0		0		0		0	-	0		0		0	-	0		0	
PLUMAS	0		0		0		0	-	0		0		0	-	0		0	
RIVERSIDE	0		0		0		0	-	0		0		0	-	0		0	
SACRAMENTO	0		0		0		0	-	0		0		0	-	0		0	
SAN BENITO	0		0		0		0	-	0		0		0	-	0		0	
SAN BERNARDINO	0		0		0		0	-	0		0		0	-	0		0	
SAN DIEGO	0		0		0		0	-	0		0		0	-	0		0	
SAN FRANCISCO	0		0		0		0	-	0		0		0	-	0		0	
SAN JOAQUIN	0		0		0		0	-	0		0		0	-	0		0	
SAN LUIS OBISPO	0		0		0		0	-	0		0		0	-	0		0	
SAN MATEO	0		0		0		0	-	0		0		0	-	0		0	
SANTA BARBARA	0		0		0		0	-	0		0		0	-	0		0	
SANTA CLARA	0		0		0		0	-	0		0		0	-	0		0	
SANTA CRUZ	0		0		0		0	-	0		0		0	-	0		0	
SHASTA	0		0		0		0	-	0		0		0	-	0		0	
SIERRA	0		0		0		0	-	0		0		0	-	0		0	
SISKIYOU	0		0		0		0	-	0		0		0	-	0		0	
SOLANO	0		0		0		0	-	0		0		0	-	0		0	
SONOMA	0		0		0		1	0.2*	0		0		0	-	0		0	
STANISLAUS	0		0		0		0	-	0		0		0	-	0		0	
SUTTER	0		0		0		0	-	0		0		0	-	0		0	
TEHAMA	0		0		0		0	-	0		0		0	-	0		0	
TRINITY	0		0		0		0	-	0		0		0	-	0		0	
TULARE	0		0		0		0	-	0		0		0	-	0		0	
TUOLUMNE	0		0		0		0	-	0		0		0	-	0		0	
VENTURA	0		0		0		0	-	0		0		0	-	0		0	
YOLO	0		0		0		0	-	0		0		0	-	0		0	
YUBA	0		0		0		0	-	0		0		0	-	0		0	

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	0	0	0	1	0	0	1	0	0	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	1	0	0	
MARCH	0	0	0	1	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paralytic Shellfish Poisoning, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
FEMALE	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
MALE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paralytic Shellfish Poisoning, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paralytic Shellfish Poisoning, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	0	0	0	1	0	0	1	0	0	
WHITE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	1	0	0	1	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paratyphoid Fever

Paratyphoid Fever, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	19	0.0	10	0.0*	21	0.1	34	0.1	18	0.0*	8	0.0*	29	0.1	34	0.1
ALAMEDA COUNTY TOTAL	3	0.2*	5	0.3*	1	0.1*	1	0.1*	6	0.4*	5	0.3*	0	-	1	0.1*	6	0.4*
ALAMEDA	3	0.2*	5	0.3*	1	0.1*	1	0.1*	6	0.4*	5	0.3*	0	-	1	0.1*	6	0.4*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	2	0.2*	2	0.2*	1	0.1*	2	0.2*	0	-	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	4	0.0*	1	0.0*	5	0.0*	4	0.0*	3	0.0*	1	0.0*	6	0.1*	1	0.0*
LOS ANGELES	0	-	4	0.0*	1	0.0*	5	0.1*	4	0.0*	3	0.0*	1	0.0*	6	0.1*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	3	0.1*	4	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
SACRAMENTO	0	-	3	0.2*	0	-	1	0.1*	2	0.1*	0	-	0	-	0	-	4	0.3*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-	1	0.0*	3	0.1*	1	0.0*
SAN FRANCISCO	0	-	0	-	1	0.1*	3	0.3*	3	0.3*	1	0.1*	0	-	0	-	2	0.2*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	4	0.5*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	2	0.3*	0	-	1	0.1*	2	0.3*	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	5	0.3*	2	0.1*	4	0.2*	7	0.4*	11	0.6*	5	0.3*	3	0.2*	12	0.6*	8	0.4*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever

Paratyphoid Fever, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	10	19	10	21	34	18	8	29	34
JANUARY	0	3	2	0	0	6	0	4	6
FEBRUARY	2	1	0	6	3	6	0	1	4
MARCH	2	1	2	1	2	3	1	3	3
APRIL	0	0	0	0	3	0	1	3	2
MAY	0	2	1	0	1	0	2	0	3
JUNE	0	0	0	1	4	1	1	4	3
JULY	1	1	0	0	5	0	0	3	4
AUGUST	2	4	0	7	6	1	1	0	0
SEPTEMBER	0	4	1	2	2	0	1	2	3
OCTOBER	1	0	0	1	2	0	0	3	3
NOVEMBER	0	0	2	1	2	0	0	1	2
DECEMBER	2	3	2	2	4	1	1	5	1

For inclusion/exclusion criteria, please refer to the Technical Notes.

Paratyphoid Fever, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	19	0.0	10	0.0*	21	0.1	34	0.1	18	0.0*	8	0.0*	29	0.1	34	0.1
FEMALE	6	0.0*	11	0.1*	3	0.0*	9	0.0*	22	0.1	9	0.0*	4	0.0*	19	0.1	18	0.1*
MALE	4	0.0*	8	0.0*	7	0.0*	12	0.1*	12	0.1*	9	0.0*	4	0.0*	10	0.1*	16	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	19	0.0	10	0.0*	21	0.1	34	0.1	18	0.0*	8	0.0*	29	0.1	34	0.1
0	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	1	0.1*	2	0.1*	0	-	2	0.1*	1	0.1*	3	0.2*
5-9	2	0.1*	4	0.2*	0	-	1	0.0*	2	0.1*	0	-	0	-	2	0.1*	3	0.1*
10-14	2	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.1*	1	0.0*	3	0.1*
15-24	1	0.0*	2	0.0*	4	0.1*	3	0.1*	6	0.1*	4	0.1*	2	0.0*	7	0.1*	1	0.0*
25-34	0	-	4	0.1*	3	0.1*	7	0.1*	12	0.2*	6	0.1*	1	0.0*	6	0.1*	8	0.1*
35-44	2	0.0*	4	0.1*	1	0.0*	4	0.1*	3	0.1*	2	0.0*	0	-	3	0.1*	7	0.1*
45-54	0	-	4	0.1*	0	-	4	0.1*	3	0.1*	1	0.0*	0	-	5	0.1*	2	0.0*
55-64	2	0.0*	0	-	0	-	0	-	4	0.1*	3	0.1*	0	-	1	0.0*	4	0.1*
65+	0	-	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	1	0.0*	3	0.0*	3	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

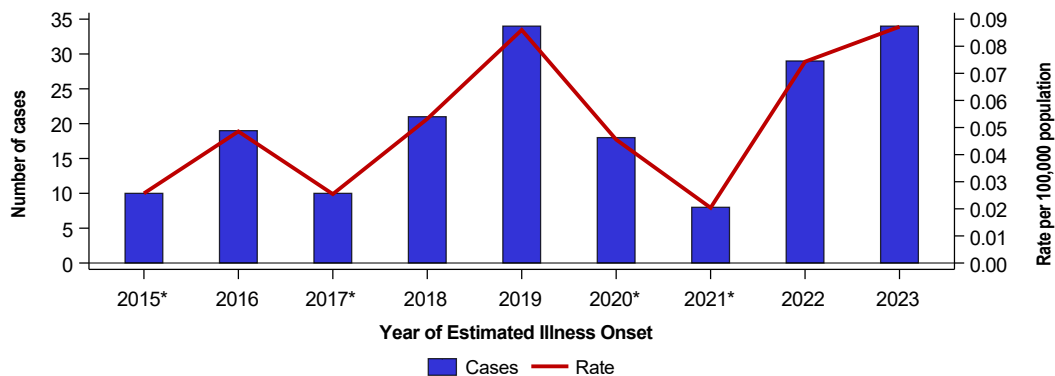
*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	10	19	10	21	34	18	8	29	34	
WHITE, NON-HISPANIC	0	2	1	2	4	1	0	4	0	
HISPANIC/LATINO	0	1	2	1	1	0	1	3	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	8	13	6	15	19	12	5	14	17	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	2	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	1	0	2	1	2	
OTHER, NON-HISPANIC	1	1	0	2	7	2	0	4	2	
UNKNOWN	1	2	1	0	2	3	0	3	10	

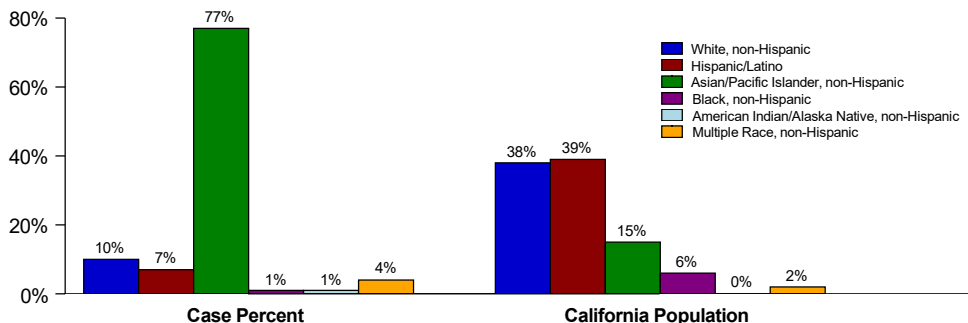
For inclusion/exclusion criteria, please refer to the Technical Notes.

Paratyphoid Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever Cases and Population by Race/Ethnicity, California, 2015-2023



12% (n=22) of reported incidents of Paratyphoid Fever did not identify race/ethnicity and 10.4% (n=19) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Plague, human

Plague, human, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	0	0	0	0	0	0	0	1	0.0*	1	0.0*	0	0	0	0
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOS ANGELES	1	0.0*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Plague, human

Plague, human, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	1	0	0	0	0	1	1	0	0
JANUARY	0	0	0	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	0	0
MARCH	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	0
JULY	1	0	0	0	0	0	1	0	0
AUGUST	0	0	0	0	0	1	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Plague, human, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
FEMALE	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
MALE	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Plague, human, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Plague, human, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	1	0	0	0	0	1	1	0	0	
WHITE, NON-HISPANIC	0	0	0	0	0	1	0	0	0	
HISPANIC/LATINO	1	0	0	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	1	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Psittacosis

Psittacosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	4	0.1*	2	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis

Psittacosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	0	4	2	1	0	1	0	2	0
JANUARY	0	0	0	0	0	0	0	0	0
FEBRUARY	0	1	0	0	0	0	0	0	0
MARCH	0	0	1	1	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	1	0	2	0
JUNE	0	1	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	0	0
AUGUST	0	1	0	0	0	0	0	0	0
SEPTEMBER	0	0	1	0	0	0	0	0	0
OCTOBER	0	1	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Psittacosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-
FEMALE	0	-	3	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-
MALE	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-
65+	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

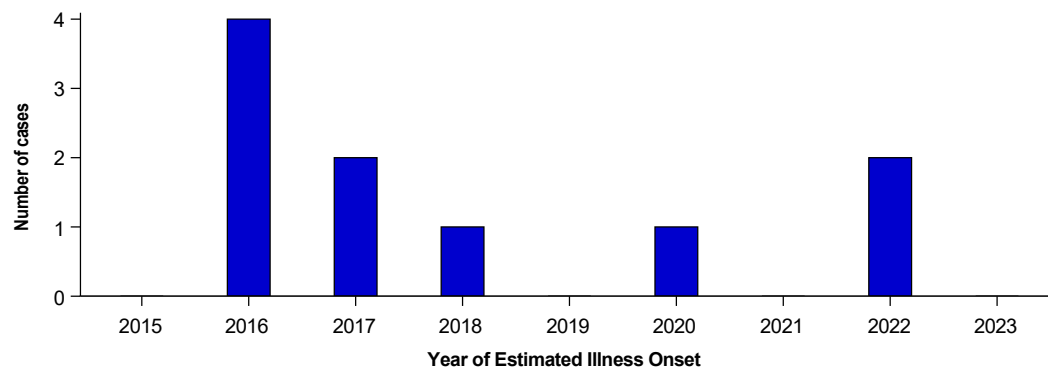
*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	0	4	2	1	0	1	0	2	0	
WHITE, NON-HISPANIC	0	1	1	0	0	0	0	1	0	
HISPANIC/LATINO	0	1	0	0	0	1	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	1	1	0	0	0	0	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Psittacosis Cases by Year of Estimated Illness Onset, California, 2015-2023



Q Fever

Q Fever, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	43	0.1	34	0.1	40	0.1	61	0.2	54	0.1	29	0.1	56	0.1	67	0.2	69	0.2
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	2	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*	0	-	2	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	1	0.1*	1	0.1*	3	0.3*	0	-	1	0.1*	2	0.2*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	2	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	3	0.3*	2	0.2*	4	0.4*	0	-	1	0.1*	3	0.3*	7	0.7*	2	0.2*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	2	1.5*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	1	5.3*	0	-	0	-	0	-	0	-
KERN	2	0.2*	2	0.2*	0	-	2	0.2*	0	-	0	-	1	0.1*	0	-	3	0.3*
KINGS	1	0.7*	1	0.7*	1	0.7*	1	0.7*	0	-	0	-	0	-	1	0.7*	1	0.7*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	5	0.0*	3	0.0*	3	0.0*	6	0.1*	6	0.1*	1	0.0*	3	0.0*	11	0.1*	12	0.1*
LOS ANGELES	4	0.0*	3	0.0*	3	0.0*	6	0.1*	6	0.1*	0	-	3	0.0*	10	0.1*	11	0.1*
LONG BEACH	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
MADERA	1	0.7*	0	-	1	0.6*	2	1.3*	0	-	1	0.6*	0	-	0	-	2	1.3*
MARIN	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-	0	-
MARIPOSA	0	-	1	5.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	2	0.7*	0	-	0	-	0	-	0	-	1	0.3*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	2	0.5*	1	0.2*	0	-	0	-	1	0.2*	2	0.5*
NAPA	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	1	0.0*	0	-	2	0.1*	2	0.1*	0	-	0	-	5	0.2*	2	0.1*
PLACER	0	-	0	-	1	0.3*	1	0.3*	1	0.2*	0	-	0	-	2	0.5*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	10	0.4*	3	0.1*	11	0.5*	21	0.9	12	0.5*	7	0.3*	16	0.7*	9	0.4*	8	0.3*
SACRAMENTO	4	0.3*	2	0.1*	2	0.1*	1	0.1*	3	0.2*	1	0.1*	3	0.2*	4	0.3*	4	0.3*
SAN BENITO	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	1	1.5*	0	-
SAN BERNARDINO	0	-	2	0.1*	3	0.1*	2	0.1*	7	0.3*	6	0.3*	4	0.2*	5	0.2*	2	0.1*
SAN DIEGO	0	-	1	0.0*	2	0.1*	1	0.0*	2	0.1*	0	-	0	-	4	0.1*	3	0.1*
SAN FRANCISCO	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
SAN JOAQUIN	2	0.3*	0	-	1	0.1*	3	0.4*	1	0.1*	0	-	4	0.5*	1	0.1*	4	0.5*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	2	0.3*
SANTA BARBARA	0	-	0	-	1	0.2*	2	0.4*	0	-	1	0.2*	1	0.2*	0	-	0	-
SANTA CLARA	0	-	3	0.2*	2	0.1*	4	0.2*	2	0.1*	2	0.1*	2	0.1*	7	0.4*	5	0.3*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	1	0.2*	3	0.7*	3	0.7*	0	-	1	0.2*	2	0.4*	0	-
SONOMA	3	0.6*	1	0.2*	0	-	1	0.2*	1	0.2*	2	0.4*	2	0.4*	0	-	0	-
STANISLAUS	4	0.7*	3	0.6*	1	0.2*	1	0.2*	1	0.2*	0	-	4	0.7*	5	0.9*	5	0.9*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	4	0.8*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-
VENTURA	2	0.2*	1	0.1*	2	0.2*	2	0.2*	0	-	0	-	1	0.1*	0	-	0	-
YOLO	0	-	1	0.5*	0	-	0	-	0	-	0	-	3	1.4*	0	-	2	0.9*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever

Q Fever, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	43	34	40	61	54	29	56	67	69	
JANUARY	5	2	2	4	4	1	4	4	5	
FEBRUARY	1	2	5	3	4	7	3	10	5	
MARCH	2	1	3	10	3	1	6	10	12	
APRIL	6	5	7	11	6	1	12	9	11	
MAY	8	9	4	5	8	4	7	7	11	
JUNE	7	6	3	5	6	0	3	8	9	
JULY	2	3	5	6	6	2	5	6	1	
AUGUST	4	0	3	8	3	7	2	3	6	
SEPTEMBER	1	2	3	4	4	2	1	6	3	
OCTOBER	5	2	0	2	2	0	3	3	2	
NOVEMBER	0	0	3	3	4	3	8	0	2	
DECEMBER	2	2	2	0	4	1	2	1	2	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Q Fever, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	43	0.1	34	0.1	40	0.1	61	0.2	54	0.1	29	0.1	56	0.1	67	0.2	69	0.2
FEMALE	5	0.0*	5	0.0*	11	0.1*	10	0.1*	10	0.1*	6	0.0*	14	0.1*	10	0.1*	14	0.1*
MALE	38	0.2	29	0.1	29	0.1	51	0.3	44	0.2	23	0.1	42	0.2	57	0.3	55	0.3

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	43	0.1	34	0.1	40	0.1	61	0.2	54	0.1	29	0.1	56	0.1	67	0.2	69	0.2
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-	0	-
15-24	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	2	0.0*	1	0.0*
25-34	4	0.1*	0	-	2	0.0*	4	0.1*	5	0.1*	1	0.0*	3	0.1*	4	0.1*	11	0.2*
35-44	4	0.1*	6	0.1*	6	0.1*	11	0.2*	4	0.1*	4	0.1*	12	0.2*	9	0.2*	8	0.2*
45-54	9	0.2*	11	0.2*	10	0.2*	12	0.2*	11	0.2*	10	0.2*	9	0.2*	9	0.2*	9	0.2*
55-64	14	0.3*	5	0.1*	10	0.2*	19	0.4	17	0.3*	3	0.1*	15	0.3*	23	0.5	12	0.3*
65+	10	0.2*	11	0.2*	11	0.2*	14	0.2*	14	0.2*	9	0.1*	17	0.3*	20	0.3	28	0.4

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

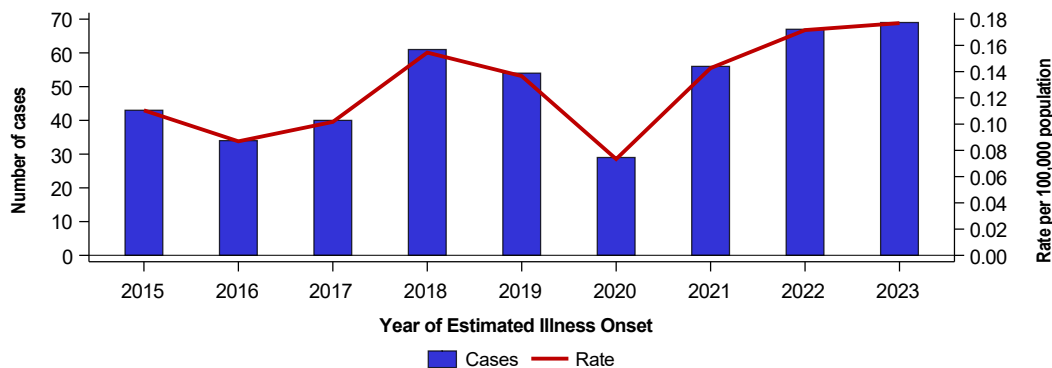
*Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever, Cases by Race/Ethnicity, California, 2015-2023

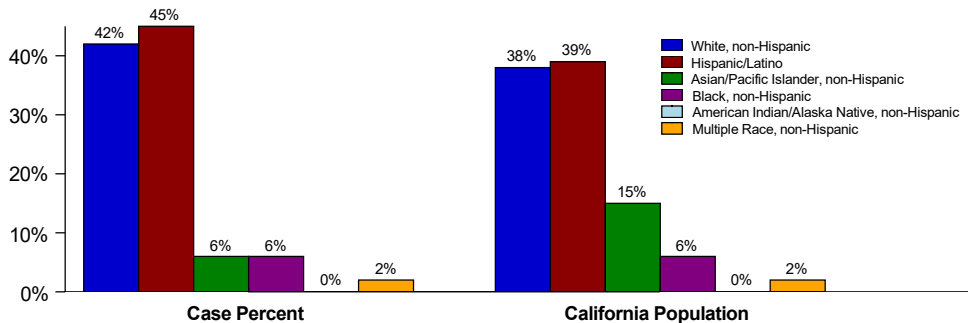
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
TOTAL	43	34	40	61	54	29	56	67	69		
WHITE, NON-HISPANIC	16	11	12	11	20	14	21	19	18		
HISPANIC/LATINO	13	8	16	29	19	5	19	21	23		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	1	2	3	1	2	2	3	3		
BLACK, NON-HISPANIC	0	1	1	1	2	1	7	6	1		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	1	1	1	0	1	1	2		
OTHER, NON-HISPANIC	0	2	2	5	2	1	1	3	9		
UNKNOWN	12	11	6	11	9	6	5	14	13		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Q Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Q Fever Cases and Population by Race/Ethnicity, California, 2015-2023



19.2% (n=87) of reported incidents of Q Fever did not identify race/ethnicity and 5.5% (n=25) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Rabies, animal

Rabies, animal, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	230	N/A	226	N/A	231	N/A	226	N/A	276	N/A	248	N/A	220	N/A	241	N/A	202	N/A
ALAMEDA COUNTY TOTAL	13	N/A	2	N/A	2	N/A	2	N/A	7	N/A	4	N/A	4	N/A	2	N/A	4	N/A
ALAMEDA	13	N/A	2	N/A	2	N/A	2	N/A	7	N/A	3	N/A	4	N/A	2	N/A	2	N/A
BERKELEY	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	2	N/A
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	3	N/A	11	N/A	11	N/A	7	N/A	4	N/A	4	N/A	5	N/A	4	N/A	1	N/A
BUTTE	12	N/A	6	N/A	4	N/A	8	N/A	5	N/A	6	N/A	4	N/A	9	N/A	7	N/A
CALAVERAS	5	N/A	4	N/A	3	N/A	2	N/A	1	N/A	4	N/A	2	N/A	6	N/A	1	N/A
COLUSA	2	N/A	1	N/A	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-
CONTRA COSTA	7	N/A	7	N/A	8	N/A	5	N/A	8	N/A	3	N/A	1	N/A	2	N/A	3	N/A
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	1	N/A
EL DORADO	12	N/A	14	N/A	12	N/A	7	N/A	5	N/A	11	N/A	12	N/A	20	N/A	14	N/A
FRESNO	1	N/A	4	N/A	0	-	2	N/A	5	N/A	4	N/A	1	N/A	2	N/A	0	-
GLENN	2	N/A	2	N/A	4	N/A	2	N/A	2	N/A	1	N/A	2	N/A	0	-	0	-
HUMBOLDT	1	N/A	8	N/A	1	N/A	2	N/A	4	N/A	0	-	0	-	2	N/A	1	N/A
IMPERIAL	1	N/A	1	N/A	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-
INYO	0	-	1	N/A	0	-	0	-	3	N/A	0	-	0	-	0	-	5	N/A
KERN	0	-	1	N/A	5	N/A	1	N/A	0	-	1	N/A	1	N/A	0	-	0	-
KINGS	0	-	0	-	1	N/A	3	N/A	1	N/A	0	-	1	N/A	0	-	1	N/A
LAKE	0	-	0	-	2	N/A	1	N/A	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	1	N/A	0	-	0	-	1	N/A	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	34	N/A	38	N/A	33	N/A	27	N/A	51	N/A	51	N/A	68	N/A	50	N/A	42	N/A
LOS ANGELES	34	N/A	38	N/A	33	N/A	27	N/A	50	N/A	51	N/A	68	N/A	50	N/A	42	N/A
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	4	N/A	1	N/A	1	N/A	0	-	3	N/A	0	-
MARIN	3	N/A	15	N/A	16	N/A	13	N/A	16	N/A	10	N/A	6	N/A	11	N/A	14	N/A
MARIPOSA	0	-	5	N/A	1	N/A	0	-	2	N/A	0	-	1	N/A	1	N/A	0	-
MENDOCINO	2	N/A	2	N/A	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	2	N/A	0	-	0	-	0	-	0	-	1	N/A	1	N/A	0	-	0	-
MODOC	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	N/A	1	N/A	0	-	0	-	0	-	1	N/A	0	-	0	-
MONTEREY	4	N/A	4	N/A	0	-	2	N/A	0	-	1	N/A	0	-	4	N/A	2	N/A
NAPA	1	N/A	1	N/A	2	N/A	0	-	0	-	0	-	2	N/A	2	N/A	0	-
NEVADA	0	-	0	-	0	-	1	N/A	0	-	0	-	2	N/A	2	N/A	3	N/A
ORANGE	11	N/A	12	N/A	13	N/A	11	N/A	15	N/A	19	N/A	17	N/A	18	N/A	9	N/A
PLACER	7	N/A	2	N/A	5	N/A	1	N/A	2	N/A	5	N/A	5	N/A	2	N/A	1	N/A
PLUMAS	0	-	1	N/A	0	-	0	-	0	-	0	-	3	N/A	1	N/A	1	N/A
RIVERSIDE	16	N/A	7	N/A	14	N/A	7	N/A	13	N/A	16	N/A	6	N/A	13	N/A	14	N/A
SACRAMENTO	12	N/A	7	N/A	11	N/A	21	N/A	14	N/A	7	N/A	12	N/A	10	N/A	12	N/A
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	8	N/A	9	N/A	11	N/A	4	N/A	7	N/A	22	N/A	12	N/A	17	N/A	11	N/A
SAN DIEGO	6	N/A	7	N/A	16	N/A	7	N/A	7	N/A	8	N/A	4	N/A	3	N/A	8	N/A
SAN FRANCISCO	3	N/A	2	N/A	4	N/A	2	N/A	3	N/A	1	N/A	1	N/A	2	N/A	6	N/A
SAN JOAQUIN	3	N/A	1	N/A	3	N/A	5	N/A	6	N/A	5	N/A	5	N/A	3	N/A	4	N/A
SAN LUIS OBISPO	1	N/A	2	N/A	3	N/A	2	N/A	1	N/A	1	N/A	2	N/A	1	N/A	1	N/A
SAN MATEO	3	N/A	0	-	3	N/A	5	N/A	3	N/A	4	N/A	4	N/A	2	N/A	1	N/A
SANTA BARBARA	1	N/A	1	N/A	0	-	1	N/A	6	N/A	5	N/A	3	N/A	4	N/A	3	N/A
SANTA CLARA	10	N/A	3	N/A	5	N/A	10	N/A	9	N/A	6	N/A	5	N/A	7	N/A	7	N/A
SANTA CRUZ	1	N/A	0	-	0	-	0	-	0	-	1	N/A	1	N/A	2	N/A	1	N/A
SHASTA	1	N/A	0	-	0	-	1	N/A	1	N/A	1	N/A	0	-	2	N/A	1	N/A
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-
SISKIYOU	0	-	1	N/A	0	-	0	-	1	N/A	1	N/A	0	-	0	-	1	N/A
SOLANO	4	N/A	4	N/A	1	N/A	4	N/A	4	N/A	1	N/A	0	-	3	N/A	1	N/A
SONOMA	5	N/A	5	N/A	3	N/A	5	N/A	5	N/A	5	N/A	4	N/A	4	N/A	7	N/A
STANISLAUS	3	N/A	0	-	0	-	0	-	2	N/A	2	N/A	1	N/A	0	-	1	N/A
SUTTER	3	N/A	3	N/A	6	N/A	12	N/A	0	-	1	N/A	0	-	1	N/A	0	-
TEHAMA	1	N/A	1	N/A	0	-	0	-	2	N/A	0	-	0	-	0	-	2	N/A
TRINITY	0	-	1	N/A	1	N/A	1	N/A	0	-	1	N/A	0	-	4	N/A	0	-
TULARE	6	N/A	6	N/A	1	N/A	3	N/A	8	N/A	4	N/A	3	N/A	0	-	1	N/A
TUOLUMNE	0	-	0	-	1	N/A	10	N/A	21	N/A	2	N/A	1	N/A	0	-	0	-
VENTURA	7	N/A	6	N/A	7	N/A	11	N/A	9	N/A	1	N/A	3	N/A	6	N/A	4	N/A
YOLO	7	N/A	13	N/A	13	N/A	11	N/A	15	N/A	21	N/A	10	N/A	11	N/A	4	N/A
YUBA	6	N/A	4	N/A	3	N/A	2	N/A	7	N/A	3	N/A	3	N/A	4	N/A	2	N/A

For inclusion/exclusion criteria, please refer to the Technical Notes.

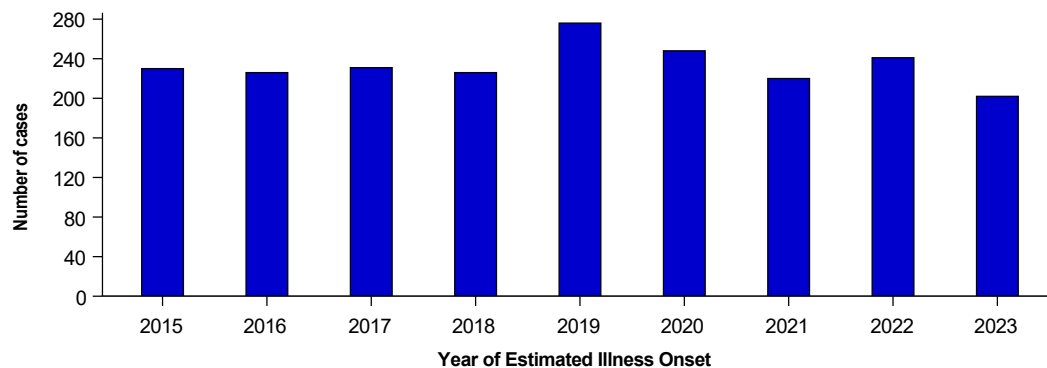
Rabies, animal

Rabies, animal, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	230	226	231	226	276	248	220	241	202
JANUARY	5	4	2	5	9	6	8	2	7
FEBRUARY	12	11	8	13	7	12	6	7	2
MARCH	33	10	22	5	18	16	11	11	5
APRIL	22	21	16	13	23	20	14	23	12
MAY	20	11	22	18	30	21	20	24	22
JUNE	19	18	24	26	25	19	22	24	13
JULY	23	23	32	22	24	37	23	31	14
AUGUST	26	37	36	30	38	40	42	38	45
SEPTEMBER	24	35	24	27	38	39	36	42	32
OCTOBER	30	25	28	44	40	24	14	25	30
NOVEMBER	10	20	11	19	13	10	17	7	15
DECEMBER	6	11	6	4	11	4	7	7	5

For inclusion/exclusion criteria, please refer to the Technical Notes.

Rabies, animal Cases by Year of Estimated Illness Onset, California, 2015-2023



Rabies, human

No cases of Rabies, human were reported to CDPH with illness onset during 2015-2023

Relapsing Fever

Relapsing Fever, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	8	0.0*	12	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*	8	0.0*	4	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	1	0.1*
ALAMEDA	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	2	10.6*	1	5.3*	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*	1	0.0*	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	1	7.4*	1	7.5*	0	-	2	15.1*	3	22.7*	0	-	1	7.5*	0	-	2	15.2*
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.1*	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	2	0.1*	2	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	0	-	2	0.7*	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	0	-	0	-	2	0.4*	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	4	0.9*	4	0.9*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*	0	-
VENTURA	0	-	0	-	0	-	2	0.2*	0	-	0	-	1	0.1*	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever

Relapsing Fever, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	8	12	4	11	7	3	8	4	5
JANUARY	0	0	0	1	2	0	0	0	0
FEBRUARY	0	0	1	0	0	0	0	0	0
MARCH	0	0	0	1	0	0	0	0	1
APRIL	0	0	0	0	2	0	0	0	0
MAY	0	0	0	0	0	0	1	0	1
JUNE	0	0	0	1	0	0	0	2	0
JULY	4	5	2	5	3	1	5	1	0
AUGUST	3	7	1	0	0	2	2	1	2
SEPTEMBER	1	0	0	2	0	0	0	0	0
OCTOBER	0	0	0	1	0	0	0	0	1
NOVEMBER	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Relapsing Fever, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	8 0.0*	12 0.0*	4 0.0*	11 0.0*	7 0.0*	3 0.0*	8 0.0*	4 0.0*	5 0.0*
FEMALE	5 0.0*	6 0.0*	2 0.0*	4 0.0*	4 0.0*	3 0.0*	3 0.0*	3 0.0*	3 0.0*
MALE	3 0.0*	6 0.0*	2 0.0*	7 0.0*	3 0.0*	0 -	5 0.0*	1 0.0*	2 0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	8 0.0*	12 0.0*	4 0.0*	11 0.0*	7 0.0*	3 0.0*	8 0.0*	4 0.0*	5 0.0*
0	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
1-4	0 -	0 -	0 -	1 0.1*	0 -	0 -	1 0.1*	0 -	1 0.1*
5-9	0 -	0 -	0 -	1 0.0*	1 0.0*	1 0.0*	0 -	0 -	0 -
10-14	0 -	1 0.0*	0 -	1 0.0*	1 0.0*	0 -	0 -	0 -	0 -
15-24	4 0.1*	1 0.0*	0 -	0 -	0 -	1 0.0*	1 0.0*	1 0.0*	0 -
25-34	2 0.0*	4 0.1*	0 -	3 0.1*	2 0.0*	0 -	0 -	0 -	0 -
35-44	0 -	1 0.0*	0 -	1 0.0*	2 0.0*	0 -	1 0.0*	0 -	0 -
45-54	1 0.0*	2 0.0*	0 -	2 0.0*	1 0.0*	0 -	1 0.0*	1 0.0*	2 0.0*
55-64	1 0.0*	2 0.0*	3 0.1*	2 0.0*	0 -	0 -	2 0.0*	2 0.0*	2 0.0*
65+	0 -	1 0.0*	1 0.0*	0 -	0 -	1 0.0*	2 0.0*	0 -	0 -

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

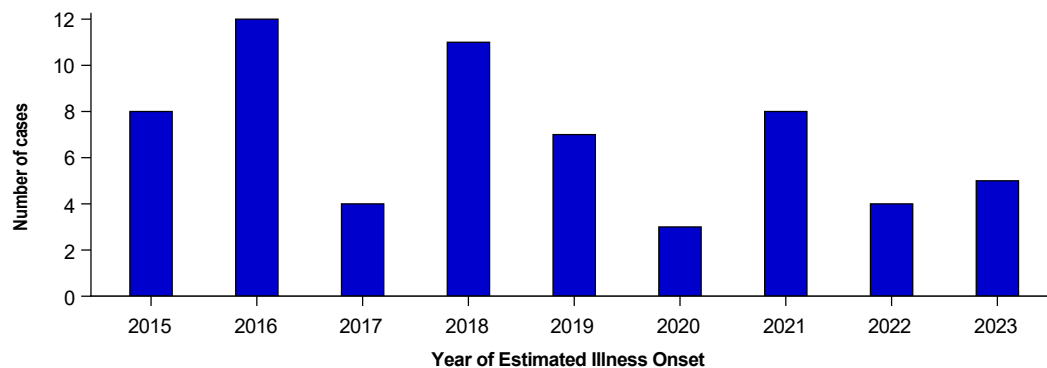
*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	8	12	4	11	7	3	8	4	5
WHITE, NON-HISPANIC	4	10	3	8	4	3	5	4	3
HISPANIC/LATINO	0	0	0	0	1	0	0	0	0
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	0	0	0	0	0	0	0	1
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0
MULTIPLE RACE, NON-HISPANIC	1	0	0	0	0	0	0	0	0
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0
UNKNOWN	1	2	1	3	2	0	3	0	1

For inclusion/exclusion criteria, please refer to the Technical Notes.

Relapsing Fever Cases by Year of Estimated Illness Onset, California, 2015-2023



Salmonellosis

Salmonellosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5,601	14.4	4,769	12.2	5,423	13.8	6,306	16.0	5,776	14.6	4,009	10.1	4,649	11.8	5,649	14.5	7,007	18.0
ALAMEDA COUNTY TOTAL	305	18.7	182	11.0	265	16.0	294	17.6	283	16.9	148	8.8	170	10.3	247	15.1	293	17.9
ALAMEDA	283	18.9	167	11.1	242	15.9	276	18.0	268	17.4	140	9.0	164	10.6	233	15.3	277	18.2
BERKELEY	22	18.4	15	12.5*	23	19.0	18	14.8*	15	12.3*	8	6.3*	6	5.0*	14	11.3*	16	12.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	1	84.7*	0	-	0	-
AMADOR	6	16.3*	4	10.5*	3	7.8*	6	15.0*	5	12.4*	4	9.9*	6	14.9*	5	12.5*	7	17.5*
BUTTE	39	17.0	50	21.7	40	17.2	36	15.3	30	13.2	31	14.7	37	17.9	25	12.1	28	13.5
CALAVERAS	2	4.4*	1	2.2*	7	15.4*	5	11.0*	9	19.9*	10	22.1*	2	4.4*	6	13.4*	11	24.6*
COLUSA	3	14.0*	4	18.5*	2	9.2*	1	4.6*	3	13.8*	2	9.2*	1	4.6*	3	13.7*	8	36.4*
CONTRA COSTA	175	15.5	114	10.0	175	15.2	190	16.4	190	16.3	140	12.0	141	12.2	215	18.7	294	25.7
DEL NORTE	0	-	4	14.8*	2	7.4*	1	3.6*	0	-	1	3.6*	1	3.7*	1	3.8*	4	15.3*
EL DORADO	32	17.6	28	15.3	41	22.2	38	20.3	39	20.8	26	13.6	21	11.0	38	20.1	39	20.7
FRESNO	183	18.8	133	13.6	133	13.5	160	16.1	160	16.0	91	9.0	111	11.0	123	12.1	192	18.9
GLENN	0	-	4	14.3*	1	3.6*	0	-	2	7.0*	1	3.5*	8	27.8*	5	17.4*	9	31.3*
HUMBOLDT	14	10.3*	12	8.7*	9	6.5*	13	9.5*	12	8.8*	7	5.1*	5	3.7*	11	8.2*	11	8.2*
IMPERIAL	54	30.0	43	23.9	43	23.8	69	38.2	80	44.2	37	20.5	49	27.3	65	36.3	59	32.8
INYO	4	21.2*	1	5.3*	6	31.7*	1	5.3*	1	5.3*	3	15.8*	2	10.6*	2	10.6*	3	15.9*
KERN	125	14.2	81	9.2	64	7.2	120	13.4	118	13.1	70	7.7	70	7.7	80	8.8	149	16.4
KINGS	15	10.1*	10	6.8*	48	32.2	22	14.6	14	9.2*	17	11.2*	12	7.9*	7	4.6*	26	17.1
LAKE	9	13.4*	4	6.0*	6	8.8*	10	14.6*	6	8.8*	5	7.4*	8	11.8*	9	13.4*	10	14.8*
LASSEN	0	-	1	3.1*	5	15.3*	1	3.0*	2	6.1*	2	6.3*	1	3.2*	1	3.4*	1	3.5*
LOS ANGELES COUNTY TOTAL	1,205	11.9	1,092	10.8	1,154	11.4	1,522	15.1	1,326	13.2	840	8.4	1,115	11.3	1,354	13.8	1,607	16.5
LOS ANGELES	1,136	11.9	1,023	10.7	1,092	11.4	1,424	14.9	1,256	13.2	784	8.3	1,064	11.4	1,249	13.5	1,511	16.4
LONG BEACH	46	9.7	50	10.5	46	9.7	71	15.0	51	10.8	48	10.3	39	8.5	78	16.9	73	15.9
PASADENA	23	16.3	19	13.4	16	11.1*	27	18.7	19	13.1	8	5.7*	12	8.6*	27	19.5	23	16.6
MADERA	22	14.4	21	13.7	38	24.6	17	10.9*	27	17.4	24	15.4	12	7.7*	27	17.2	29	18.3
MARIN	61	23.1	53	20.0	38	14.4	45	17.0	54	20.5	19	7.3	32	12.4	40	15.7	54	21.4
MARIPOSA	6	33.8*	4	22.7*	1	5.7*	6	34.6*	0	-	1	5.8*	0	-	2	11.8*	1	5.9*
MENDOCINO	12	13.3*	9	9.9*	8	8.7*	14	15.3*	15	16.4*	8	8.8*	13	14.4*	16	17.9*	23	25.8
MERCED	40	15.0	21	7.8	24	8.8	32	11.6	37	13.3	33	11.7	26	9.2	29	10.2	49	16.9
MODOC	0	-	0	-	0	-	1	11.4*	0	-	0	-	0	-	0	-	2	23.1*
MONO	2	14.8*	0	-	1	7.5*	0	-	2	15.1*	4	30.1*	4	30.2*	2	15.2*	6	45.5*
MONTEREY	64	14.8	29	6.6	39	8.9	44	10.0	48	10.9	42	9.6	31	7.1	39	9.0	92	21.2
NAPA	28	19.9	23	16.3	23	16.4	20	14.3	23	16.6	19	13.7	16	11.6*	19	14.0	31	23.0
NEVADA	10	10.0*	12	11.9*	12	11.8*	15	14.7*	9	8.8*	10	9.8*	18	17.6*	17	16.9*	24	24.0
ORANGE	492	15.6	351	11.1	371	11.6	434	13.6	435	13.6	306	9.6	332	10.5	395	12.5	510	16.2
PLACER	70	18.6	66	17.3	100	25.7	90	22.7	79	19.7	65	16.0	58	14.2	94	22.9	84	20.3
PLUMAS	3	15.2*	2	10.2*	1	5.1*	1	5.1*	1	5.0*	0	-	0	-	1	5.2*	2	10.6*
RIVERSIDE	210	9.1	231	9.9	254	10.8	290	12.2	261	10.9	183	7.6	275	11.3	329	13.5	351	14.3
SACRAMENTO	196	13.0	139	9.1	289	18.8	225	14.5	201	12.8	163	10.3	144	9.1	169	10.7	240	15.3
SAN BENITO	8	13.5*	6	10.0*	2	3.3*	10	16.2*	15	23.7*	10	15.5*	17	26.1*	15	22.8*	23	34.6
SAN BERNARDINO	263	12.4	234	11.0	231	10.8	309	14.3	254	11.7	229	10.5	288	13.2	315	14.4	312	14.3
SAN DIEGO	576	17.7	541	16.6	569	17.4	783	23.8	657	19.9	496	15.0	591	18.0	684	20.9	694	21.1
SAN FRANCISCO	158	18.4	108	12.5	163	18.8	131	15.0	182	20.9	106	12.2	74	8.8	106	12.7	149	17.9
SAN JOAQUIN	111	15.2	114	15.4	111	14.8	142	18.7	143	18.5	89	11.4	80	10.2	125	15.9	120	15.2
SAN LUIS OBISPO	50	17.9	41	14.6	28	9.9	21	7.4	29	10.3	22	7.8	27	9.7	46	16.4	45	16.0
SAN MATEO	139	18.3	125	16.4	146	19.1	145	18.9	125	16.3	85	11.2	80	10.7	94	12.7	148	20.2
SANTA BARBARA	85	19.2	79	17.8	74	16.6	82	18.3	77	17.2	48	10.7	51	11.6	56	12.6	107	24.0
SANTA CLARA	289	15.1	276	14.3	337	17.4	345	17.8	304	15.7	207	10.8	266	14.0	297	15.8	360	19.2
SANTA CRUZ	34	12.4	35	12.7	32	11.6	31	11.3	36	13.2	19	7.0	24	9.1	35	13.2	43	16.2
SHASTA	26	14.4	26	14.4	35	19.3	31	17.1	25	13.8	29	15.9	28	15.4	29	16.1	47	26.2
SIERRA	1	31.1*	0	-	2	61.9*	1	30.9*	0	-	0	-	0	-	0	-	1	31.3*
SISKIYOU	4	9.0*	7	15.7*	3	6.8*	2	4.5*	4	9.1*	7	15.9*	6	13.8*	7	16.1*	9	20.7*
SOLANO	71	16.3	63	14.3	56	12.6	82	18.3	77	17.0	48	10.6	40	8.9	50	11.2	93	21.0
SONOMA	58	11.6	59	11.8	80	16.0	83	16.7	61	12.4	57	11.7	53	11.0	69	14.4	105	21.9
STANISLAUS	70	13.1	83	15.3	77	14.1	109	19.8	44	8.0	35	6.3	40	7.2	56	10.2	99	18.0
SUTTER	10	10.4*	8	8.3*	11	11.3*	24	24.2	15	14.8*	12	12.1*	7	7.1*	9	9.1*	18	18.1*
TEHAMA	14	22.0*	14	21.9*	14	21.8*	10	15.5*	11	16.8*	13	19.8*	16	24.5*	14	21.6*	16	24.7*
TRINITY	0	-	2	13.5*	2	12.9*	1	6.3*	0	-	0	-	3	18.7*	1	6.3*	1	6.3*
TULARE	87	18.9	70	15.1	72	15.5	79	16.9	74	15.7	46	9.7	54	11.4	67	14.1	131	27.5
TUOLUMNE	3	5.4*	4	7.3*	7	12.7*	4	7.2*	4	7.2*	3	5.4*	7	12.8*	11	20.5*	6	11.3*
VENTURA	109	12.8	106	12.5	114	13.4	115	13.5	130	15.4	95	11.2	141	16.8	157	18.9	173	21.0
YOLO	41	19.5	32	15.0	32	14.9	27	12.5	29	13.4	31	14.2	20	9.3	23	10.3	46	20.6
YUBA	7	9.2*	7	9.1*	22	28.1	16	20.2*	8	10.0*	10	12.2*	14	17.0*	7	8.5*	12	14.5*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis

Salmonellosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	5,601	4,769	5,423	6,306	5,776	4,009	4,649	5,649	7,007
JANUARY	307	299	291	337	306	336	189	232	387
FEBRUARY	311	250	281	267	269	295	160	260	334
MARCH	386	295	319	337	305	246	231	254	340
APRIL	348	321	416	418	440	175	330	378	381
MAY	424	340	417	405	426	282	415	488	535
JUNE	475	474	515	593	584	457	566	502	613
JULY	580	606	645	712	743	483	603	665	714
AUGUST	809	577	737	857	679	499	596	789	945
SEPTEMBER	723	462	578	858	678	393	498	795	803
OCTOBER	512	459	482	671	508	377	406	598	891
NOVEMBER	427	412	445	531	478	288	370	389	617
DECEMBER	299	274	297	320	360	178	285	299	447

For inclusion/exclusion criteria, please refer to the Technical Notes.

Salmonellosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,601	14.4	4,769	12.2	5,423	13.8	6,306	16.0	5,776	14.6	4,009	10.1	4,649	11.8	5,649	14.5	7,007	18.0
FEMALE	2,951	15.1	2,500	12.7	2,900	14.7	3,387	17.1	3,033	15.3	2,138	10.8	2,407	12.2	2,950	15.0	3,670	18.7
MALE	2,640	13.6	2,266	11.6	2,515	12.9	2,911	14.8	2,729	13.9	1,859	9.5	2,226	11.4	2,676	13.8	3,325	17.1
UNKNOWN	10	-	3	-	8	-	8	-	14	-	12	-	16	-	23	-	12	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,601	14.4	4,769	12.2	5,423	13.8	6,306	16.0	5,776	14.6	4,009	10.1	4,649	11.8	5,649	14.5	7,007	18.0
0	309	61.9	287	58.8	283	58.7	375	81.4	316	70.4	243	55.5	293	71.1	350	82.7	318	77.6
1-4	624	31.3	545	27.5	591	30.0	693	35.5	634	33.2	487	25.9	544	30.1	613	35.4	717	42.4
5-9	511	20.1	366	14.4	381	15.2	410	16.4	369	14.8	272	10.7	332	13.3	354	14.4	414	17.2
10-14	295	11.7	230	9.1	257	10.1	300	11.7	278	10.9	184	7.1	207	8.0	226	8.9	293	11.7
15-24	662	11.8	538	9.7	651	11.9	645	11.9	677	12.7	449	8.0	414	7.5	523	9.6	633	11.6
25-34	735	13.7	602	11.2	638	11.8	831	15.5	738	13.8	469	8.7	561	10.4	654	12.0	839	15.3
35-44	509	9.9	465	9.0	581	11.2	660	12.8	619	11.9	386	7.7	478	9.7	597	12.2	707	14.6
45-54	607	11.5	467	8.9	566	10.8	657	12.8	582	11.5	391	8.1	460	9.6	560	11.9	726	15.5
55-64	563	12.0	531	11.1	634	13.0	704	14.2	664	13.3	440	9.0	523	10.9	668	14.2	835	18.0
65+	776	14.8	731	13.4	833	14.7	1,020	17.1	887	14.3	673	10.6	819	12.6	1,089	16.2	1,517	22.0
UNKNOWN	10	-	7	-	8	-	11	-	12	-	15	-	18	-	15	-	8	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

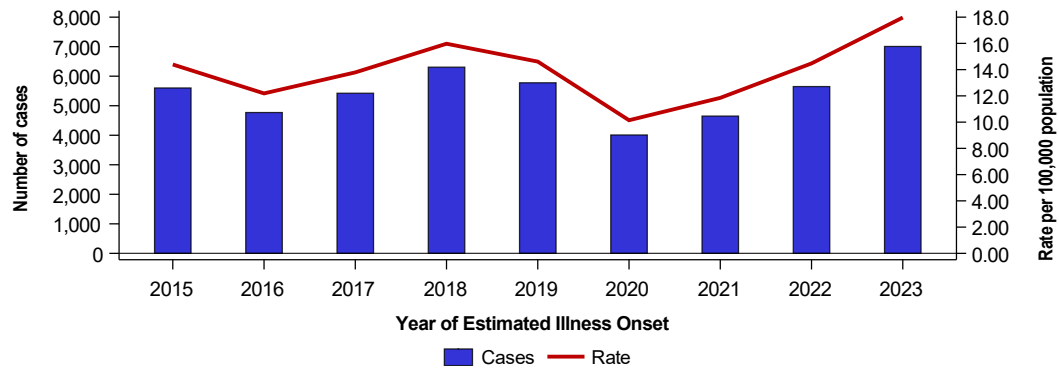
*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis, Cases by Race/Ethnicity, California, 2015-2023

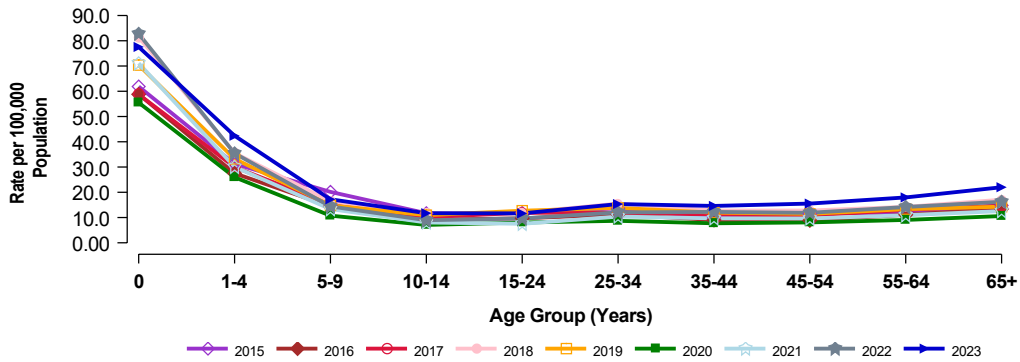
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	5,601	4,769	5,423	6,306	5,776	4,009	4,649	5,649	7,007
WHITE, NON-HISPANIC	2,063	1,803	1,991	2,109	1,822	1,300	1,468	1,802	2,203
HISPANIC/LATINO	1,951	1,661	1,723	2,154	2,060	1,356	1,681	1,841	2,444
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	525	481	596	619	627	394	482	565	691
BLACK, NON-HISPANIC	203	152	167	211	171	118	158	214	252
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	17	12	12	15	14	14	9	16	27
MULTIPLE RACE, NON-HISPANIC	46	38	48	41	52	40	31	33	68
OTHER, NON-HISPANIC	89	125	244	249	289	233	292	425	427
UNKNOWN	707	497	642	908	741	554	528	753	895

For inclusion/exclusion criteria, please refer to the Technical Notes.

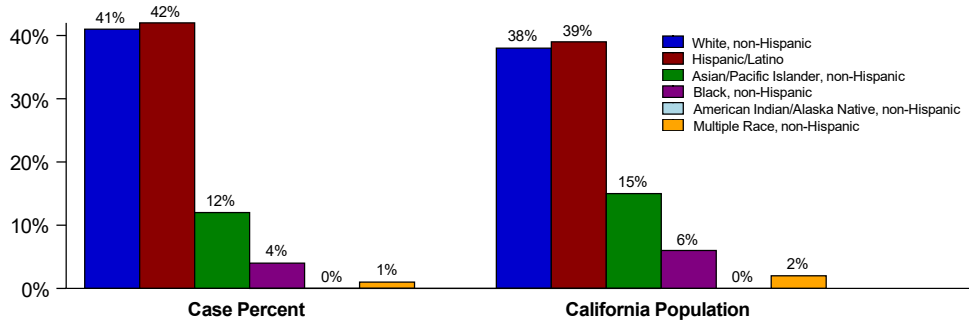
Salmonellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Salmonellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Salmonellosis Cases and Population by Race/Ethnicity, California, 2015-2023



12.7% (n=6225) of reported incidents of Salmonellosis did not identify race/ethnicity and 4.8% (n=2373) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	16	0.0*	19	0.0	39	0.1	33	0.1	25	0.1	27	0.1	34	0.1	24	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	2	4.4*	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	5	0.0*	6	0.1*	6	0.1*	13	0.1*	9	0.1*	5	0.0*	6	0.1*	5	0.1*	3	0.0*
LOS ANGELES	5	0.1*	6	0.1*	6	0.1*	12	0.1*	7	0.1*	4	0.0*	6	0.1*	4	0.0*	3	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-	3	1.1*	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	1	0.0*	4	0.1*	3	0.1*	5	0.2*	8	0.3*	2	0.1*	15	0.5*	3	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*
SACRAMENTO	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
SAN DIEGO	2	0.1*	1	0.0*	6	0.2*	5	0.2*	8	0.2*	6	0.2*	11	0.3*	8	0.2*	9	0.3*
SAN FRANCISCO	0	-	0	-	2	0.2*	0	-	2	0.2*	1	0.1*	2	0.2*	0	-	0	-
SAN JOAQUIN	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SAN LUIS OBISPO	3	1.1*	0	-	0	-	6	2.1*	1	0.4*	1	0.4*	2	0.7*	1	0.4*	0	-
SAN MATEO	0	-	0	-	0	-	3	0.4*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*
SANTA CLARA	3	0.2*	5	0.3*	0	-	4	0.2*	1	0.1*	0	-	0	-	0	-	1	0.1*
SANTA CRUZ	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	21	16	19	39	33	25	27	34	24	
JANUARY	1	3	1	3	4	1	3	3	4	
FEBRUARY	1	0	0	2	2	2	1	1	3	
MARCH	0	3	1	3	0	1	2	3	2	
APRIL	3	1	2	2	4	0	0	2	2	
MAY	4	0	3	5	3	3	1	1	4	
JUNE	3	1	2	6	1	5	5	3	2	
JULY	5	0	3	6	3	1	7	3	3	
AUGUST	1	1	1	1	4	1	1	6	1	
SEPTEMBER	0	2	1	1	2	5	2	6	1	
OCTOBER	3	1	0	0	6	3	3	1	0	
NOVEMBER	0	2	3	2	0	2	0	4	1	
DECEMBER	0	2	2	8	4	1	2	1	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Scombroid Fish Poisoning, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	16	0.0*	19	0.0	39	0.1	33	0.1	25	0.1	27	0.1	34	0.1	24	0.1
FEMALE	11	0.1*	4	0.0*	7	0.0*	23	0.1	18	0.1*	12	0.1*	10	0.1*	22	0.1	12	0.1*
MALE	9	0.0*	10	0.1*	12	0.1*	16	0.1*	15	0.1*	12	0.1*	16	0.1*	12	0.1*	12	0.1*
UNKNOWN	1	-	2	-	0	-	0	-	0	-	1	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	16	0.0*	19	0.0	39	0.1	33	0.1	25	0.1	27	0.1	34	0.1	24	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
10-14	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
15-24	3	0.1*	4	0.1*	2	0.0*	3	0.1*	5	0.1*	6	0.1*	4	0.1*	12	0.2*	2	0.0*
25-34	3	0.1*	2	0.0*	6	0.1*	6	0.1*	7	0.1*	5	0.1*	8	0.1*	7	0.1*	6	0.1*
35-44	1	0.0*	3	0.1*	6	0.1*	9	0.2*	10	0.2*	7	0.1*	3	0.1*	3	0.1*	6	0.1*
45-54	5	0.1*	3	0.1*	2	0.0*	6	0.1*	6	0.1*	4	0.1*	4	0.1*	1	0.0*	3	0.1*
55-64	7	0.1*	0	-	2	0.0*	6	0.1*	3	0.1*	0	-	3	0.1*	7	0.1*	3	0.1*
65+	1	0.0*	3	0.1*	1	0.0*	7	0.1*	2	0.0*	2	0.0*	3	0.0*	3	0.0*	4	0.1*
UNKNOWN	0	-	0	-	0	-	2	-	0	-	0	-	0	-	1	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

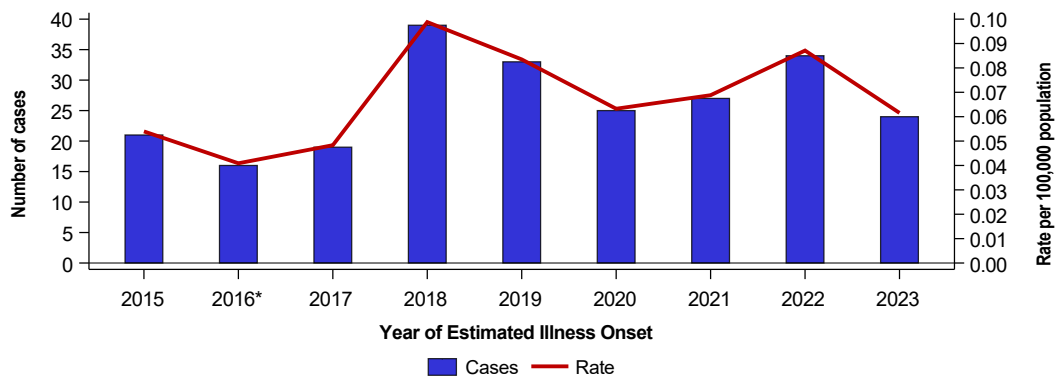
*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
TOTAL	21	16	19	39	33	25	27	34	24		
WHITE, NON-HISPANIC	9	10	9	16	11	13	13	18	11		
HISPANIC/LATINO	2	1	1	3	4	2	4	5	6		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	3	1	2	5	1	3	2	1		
BLACK, NON-HISPANIC	0	1	1	0	0	0	0	1	0		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0		
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	1	0	0	0		
OTHER, NON-HISPANIC	0	0	1	0	1	1	2	1	1		
UNKNOWN	8	1	6	18	12	7	5	7	5		

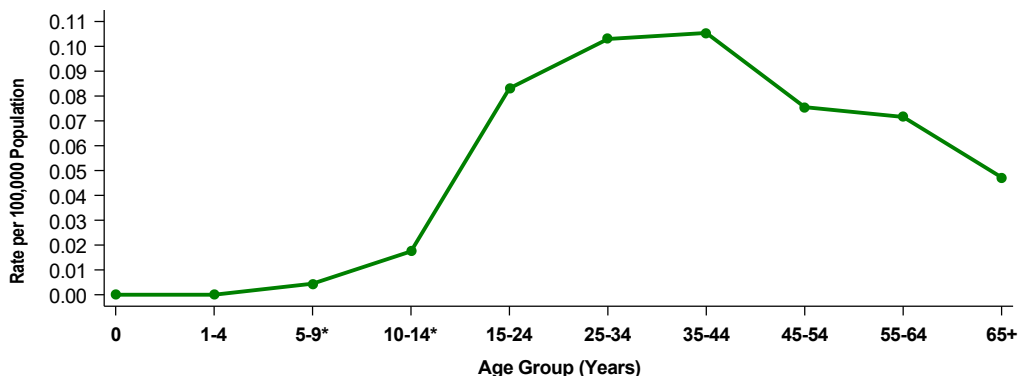
For inclusion/exclusion criteria, please refer to the Technical Notes.

Scombroid Fish Poisoning Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



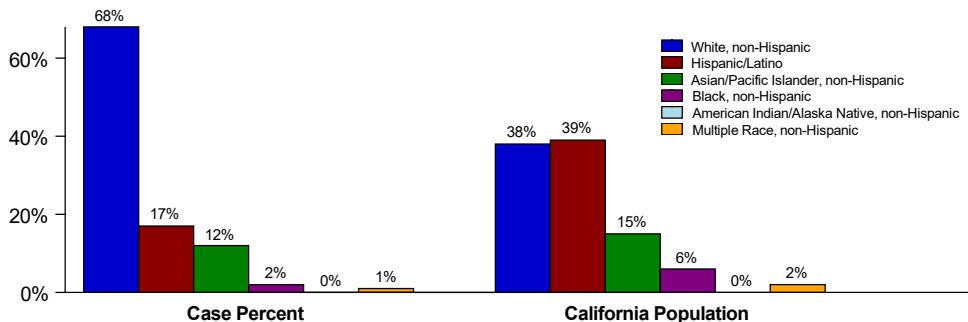
*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning Cases and Population by Race/Ethnicity, California, 2015-2023



29% (n=69) of reported incidents of Scombroid Fish Poisoning did not identify race/ethnicity and 2.9% (n=7) of reported incidents identified as "Other" race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	914	2.3	866	2.2	1,257	3.2	2,233	5.7	2,632	6.7	1,239	3.1	1,992	5.1	2,386	6.1	2,683	6.9
ALAMEDA COUNTY TOTAL	72	4.4	82	5.0	102	6.1	130	7.8	161	9.6	73	4.4	100	6.0	135	8.2	130	7.9
ALAMEDA	67	4.5	78	5.2	98	6.4	123	8.0	154	10.0	68	4.4	96	6.2	122	8.0	121	7.9
BERKELEY	5	4.2*	4	3.3*	4	3.3*	7	5.7*	7	5.7*	5	3.9*	4	3.3*	13	10.5*	9	7.2*
ALPINE	0	-	0	-	1	82.6*	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	1	2.7*	3	7.9*	1	2.6*	1	2.5*	3	7.4*	1	2.5*	4	9.9*	0	-	2	5.0*
BUTTE	8	3.5*	4	1.7*	7	3.0*	10	4.3*	4	1.8*	5	2.4*	3	1.5*	3	1.4*	2	1.0*
CALAVERAS	1	2.2*	2	4.4*	0	-	4	8.8*	2	4.4*	0	-	1	2.2*	0	-	1	2.2*
COLUSA	1	4.7*	0	-	0	-	1	4.6*	0	-	0	-	1	4.6*	2	9.1*	0	-
CONTRA COSTA	55	4.9	56	4.9	60	5.2	88	7.6	113	9.7	50	4.3	58	5.0	103	9.0	131	11.5
DEL NORTE	0	-	0	-	0	-	0	-	1	3.6*	0	-	0	-	1	3.8*	1	3.8*
EL DORADO	5	2.7*	5	2.7*	8	4.3*	7	3.7*	10	5.3*	7	3.7*	9	4.7*	4	2.1*	15	8.0*
FRESNO	18	1.9*	26	2.7	34	3.5	46	4.6	53	5.3	33	3.3	61	6.0	48	4.7	60	5.9
GLENN	3	10.7*	2	7.1*	1	3.6*	2	7.1*	3	10.5*	1	3.5*	1	3.5*	1	3.5*	0	-
HUMBOLDT	9	6.6*	12	8.7*	5	3.6*	5	3.6*	4	2.9*	0	-	1	0.7*	10	7.4*	12	8.9*
IMPERIAL	2	1.1*	0	-	0	-	6	3.3*	22	12.2	8	4.4*	37	20.6	88	49.1	25	13.9
INYO	0	-	0	-	0	-	0	-	0	-	1	5.3*	1	5.3*	2	10.6*	2	10.6*
KERN	15	1.7*	11	1.2*	13	1.5*	41	4.6	42	4.7	30	3.3	40	4.4	34	3.7	52	5.7
KINGS	2	1.3*	2	1.4*	4	2.7*	4	2.6*	7	4.6*	4	2.6*	9	5.9*	10	6.6*	11	7.2*
LAKE	0	-	1	1.5*	2	2.9*	1	1.5*	5	7.3*	3	4.4*	6	8.9*	0	-	1	1.5*
LASSEN	1	3.2*	1	3.1*	1	3.1*	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	96	1.0	113	1.1	131	1.3	591	5.9	673	6.7	241	2.4	509	5.1	533	5.4	606	6.2
LOS ANGELES	94	1.0	108	1.1	123	1.3	556	5.8	634	6.6	223	2.4	472	5.0	505	5.5	570	6.2
LONG BEACH	2	0.4*	3	0.6*	8	1.7*	30	6.3	28	5.9	15	3.2*	33	7.2	23	5.0	30	6.5
PASADENA	0	-	2	1.4*	0	-	5	3.5*	11	7.6*	3	2.1*	4	2.9*	5	3.6*	6	4.3*
MADERA	3	2.0*	2	1.3*	3	1.9*	3	1.9*	6	3.9*	7	4.5*	10	6.4*	6	3.8*	9	5.7*
MARIN	20	7.6	17	6.4*	24	9.1	32	12.1	46	17.4	12	4.6*	27	10.4	22	8.6	20	7.9
MARIPOSA	1	5.6*	0	-	1	5.7*	0	-	1	5.8*	0	-	2	11.8*	0	-	2	11.8*
MENDOCINO	1	1.1*	3	3.3*	3	3.3*	11	12.0*	17	18.5*	5	5.5*	8	8.8*	8	8.9*	8	9.0*
MERCED	2	0.7*	2	0.7*	3	1.1*	13	4.7*	11	4.0*	15	5.3*	8	2.8*	15	5.3*	8	2.8*
MODOC	0	-	1	11.4*	0	-	0	-	1	11.5*	2	23.0*	0	-	2	23.1*	3	34.6*
MONO	0	-	2	14.9*	0	-	0	-	0	-	0	-	1	7.5*	0	-	2	15.2*
MONTEREY	21	4.8	18	4.1*	21	4.8	21	4.8	23	5.2	13	3.0*	18	4.1*	20	4.6	15	3.5*
NAPA	5	3.5*	4	2.8*	7	5.0*	15	10.7*	15	10.8*	6	4.3*	11	8.0*	18	13.3*	14	10.4*
NEVADA	4	4.0*	4	4.0*	10	9.9*	2	2.0*	10	9.8*	4	3.9*	7	6.8*	8	7.9*	10	10.0*
ORANGE	50	1.6	42	1.3	39	1.2	105	3.3	138	4.3	79	2.5	129	4.1	126	4.0	168	5.3
PLACER	17	4.5*	28	7.3	39	10.0	27	6.8	38	9.5	18	4.4*	16	3.9*	28	6.8	34	8.2
PLUMAS	0	-	0	-	1	5.1*	1	5.1*	0	-	0	-	3	15.2*	2	10.4*	0	-
RIVERSIDE	17	0.7*	12	0.5*	16	0.7*	97	4.1	105	4.4	53	2.2	91	3.7	78	3.2	102	4.2
SACRAMENTO	60	4.0	45	3.0	57	3.7	90	5.8	113	7.2	62	3.9	63	4.0	69	4.4	118	7.5
SAN BERNITO	2	3.4*	1	1.7*	4	6.6*	9	14.6*	15	23.7*	7	10.9*	4	6.1*	8	12.2*	21	31.6
SAN BERNARDINO	21	1.0	5	0.2*	4	0.2*	44	2.0	54	2.5	34	1.6	59	2.7	58	2.7	67	3.1
SAN DIEGO	43	1.3	49	1.5	278	8.5	164	5.0	178	5.4	87	2.6	161	4.9	202	6.2	255	7.7
SAN FRANCISCO	30	3.5	30	3.5	52	6.0	58	6.6	77	8.8	39	4.5	54	6.4	83	10.0	80	9.6
SAN JOAQUIN	35	4.8	29	3.9	28	3.7	38	5.0	52	6.7	46	5.9	43	5.5	38	4.8	40	5.1
SAN LUIS OBISPO	11	3.9*	13	4.6*	16	5.7*	14	4.9*	17	6.0*	18	6.4*	17	6.1*	21	7.5	24	8.5
SAN MATEO	28	3.7	26	3.4	39	5.1	53	6.9	85	11.1	29	3.8	44	5.9	81	10.9	107	14.6
SANTA BARBARA	14	3.2*	7	1.6*	16	3.6*	34	7.6	37	8.2	20	4.5	50	11.4	60	13.5	48	10.8
SANTA CLARA	103	5.4	89	4.6	95	4.9	195	10.1	214	11.1	71	3.7	103	5.4	160	8.5	165	8.8
SANTA CRUZ	7	2.5*	5	1.8*	5	1.8*	21	7.7	22	8.1	6	2.2*	9	3.4*	16	6.0*	28	10.5
SHASTA	4	2.2*	8	4.4*	2	1.1*	12	6.6*	3	1.7*	7	3.8*	11	6.0*	7	3.9*	13	7.2*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	1	31.1*	0	-	0	-
SISKIYOU	1	2.2*	1	2.2*	1	2.3*	6	13.5*	1	2.3*	1	2.3*	2	4.6*	5	11.5*	3	6.9*
SOLANO	31	7.1	15	3.4*	19	4.3	37	8.2	30	6.6	25	5.5	18	4.0*	36	8.1	35	7.9
SONOMA	27	5.4	25	5.0	35	7.0	50	10.1	74	15.0	32	6.6	38	7.9	48	10.0	70	14.6
STANISLAUS	26	4.9	28	5.2	17	3.1*	29	5.3	40	7.3	17	3.1*	21	3.8	36	6.6	24	4.4
SUTTER	4	4.2*	0	-	2	2.0*	1	1.0*	2	2.0*	2	2.0*	4	4.0*	1	1.0*	3	3.0*
TEHAMA	2	3.1*	0	-	1	1.6*	3	4.6*	3	4.6*	4	6.1*	9	13.8*	6	9.3*	5	7.7*
TRINITY	0	-	0	-	0	-	1	6.3*	0	-	0	-	0	-	3	18.8*	0	-
TULARE	10	2.2*	16	3.5*	18	3.9*	31	6.6	27	5.7	17	3.6*	27	5.7	41	8.6	36	7.6
TUOLUMNE	4	7.3*	1	1.8*	3	5.5*	0	-	4	7.2*	0	-	4	7.3*	1	1.9*	4	7.6*
VENTURA	10	1.2*	5	0.6*	13	1.5*	61	7.2	54	6.4	34	4.0	65	7.8	81	9.8	73	8.9
YOLO	9	4.3*	10	4.7*	12	5.6*	12	5.5*	11	5.1*	7	3.2*	10	4.6*	16	7.2*	15	6.7*
YUBA	2	2.6*	3	3.9*	3	3.8*	6	7.6*	5	6.2*	3	3.7*	3	3.6*	2	2.4*	3	3.6*

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	914	866	1,257	2,233	2,632	1,239	1,992	2,386	2,683	
JANUARY	55	45	56	112	169	160	71	103	165	
FEBRUARY	42	39	49	83	105	127	84	119	128	
MARCH	56	66	49	120	169	90	89	156	161	
APRIL	68	62	101	209	200	41	156	196	217	
MAY	88	64	72	186	205	79	207	207	243	
JUNE	64	64	103	220	291	113	254	273	247	
JULY	109	121	125	311	365	103	292	296	355	
AUGUST	113	90	146	317	345	150	219	323	281	
SEPTEMBER	98	77	133	162	286	115	176	228	240	
OCTOBER	119	94	281	195	180	140	148	221	286	
NOVEMBER	67	97	90	182	187	73	172	140	177	
DECEMBER	35	47	52	136	130	48	124	124	183	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	914	2.3	866	2.2	1,257	3.2	2,233	5.7	2,632	6.7	1,239	3.1	1,992	5.1	2,386	6.1	2,683	6.9
FEMALE	464	2.4	458	2.3	535	2.7	1,233	6.2	1,433	7.2	650	3.3	1,026	5.2	1,295	6.6	1,466	7.5
MALE	450	2.3	406	2.1	721	3.7	998	5.1	1,197	6.1	582	3.0	962	4.9	1,091	5.6	1,211	6.2
UNKNOWN	0	-	2	-	1	-	2	-	2	-	7	-	4	-	0	-	6	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	914	2.3	866	2.2	1,257	3.2	2,233	5.7	2,632	6.7	1,239	3.1	1,992	5.1	2,386	6.1	2,683	6.9
0	25	5.0	31	6.4	35	7.3	57	12.4	72	16.0	30	6.9	37	9.0	52	12.3	62	15.1
1-4	253	12.7	228	11.5	259	13.1	434	22.2	469	24.6	194	10.3	342	18.9	371	21.4	365	21.6
5-9	107	4.2	94	3.7	100	4.0	147	5.9	173	6.9	72	2.8	135	5.4	132	5.4	138	5.7
10-14	73	2.9	72	2.8	63	2.5	124	4.8	136	5.3	75	2.9	109	4.2	96	3.8	115	4.6
15-24	140	2.5	117	2.1	364	6.6	283	5.2	309	5.8	157	2.8	252	4.6	296	5.5	278	5.1
25-34	71	1.3	89	1.7	131	2.4	267	5.0	337	6.3	155	2.9	236	4.4	315	5.8	337	6.2
35-44	56	1.1	55	1.1	54	1.0	185	3.6	255	4.9	100	2.0	183	3.7	226	4.6	256	5.3
45-54	45	0.9	40	0.8	55	1.1	176	3.4	235	4.6	104	2.1	173	3.6	203	4.3	279	6.0
55-64	48	1.0	56	1.2	86	1.8	220	4.4	268	5.4	141	2.9	209	4.4	266	5.6	326	7.0
65+	86	1.6	78	1.4	107	1.9	337	5.6	374	6.0	209	3.3	312	4.8	429	6.4	524	7.6
UNKNOWN	10	-	6	-	3	-	3	-	4	-	2	-	4	-	0	-	3	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

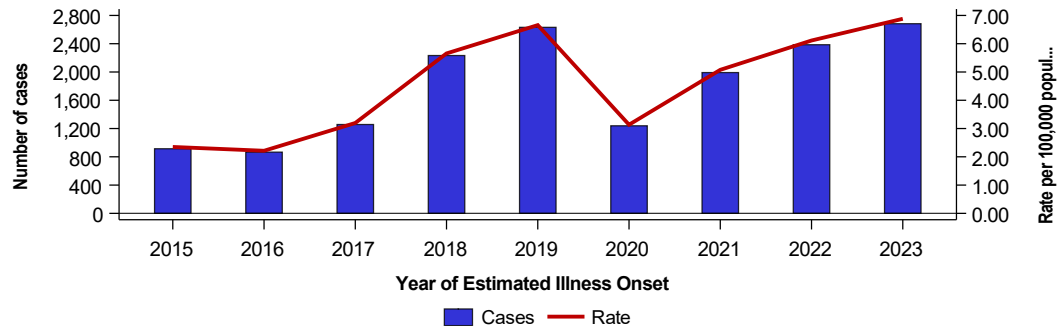
*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases by Race/Ethnicity, California, 2015-2023

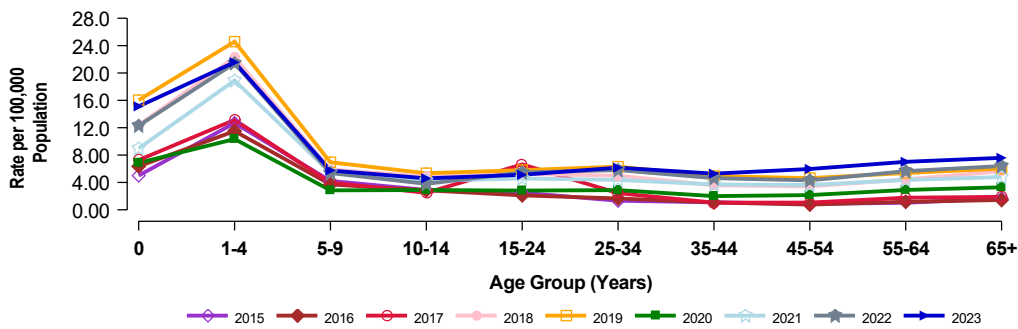
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	914	866	1,257	2,233	2,632	1,239	1,992	2,386	2,683	
WHITE, NON-HISPANIC	370	337	432	784	863	488	636	791	883	
HISPANIC/LATINO	290	264	266	794	983	368	778	948	998	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	46	57	67	148	192	80	122	145	173	
BLACK, NON-HISPANIC	35	31	31	85	72	40	66	67	87	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	3	2	4	8	5	2	5	7	2	
MULTIPLE RACE, NON-HISPANIC	9	10	13	15	26	11	16	19	23	
OTHER, NON-HISPANIC	12	38	61	108	166	62	157	131	160	
UNKNOWN	149	127	383	291	325	188	212	278	357	

For inclusion/exclusion criteria, please refer to the Technical Notes.

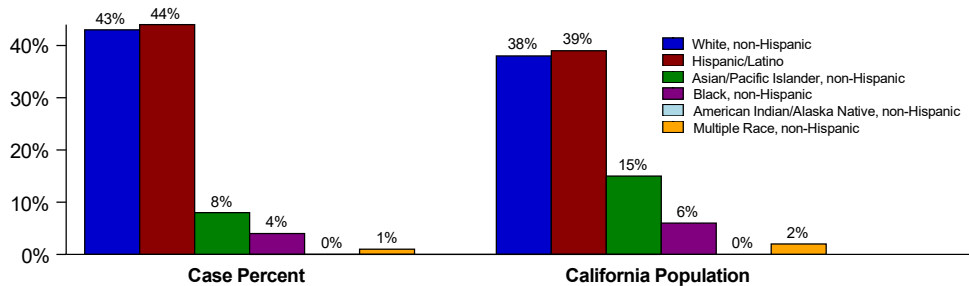
Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Cases and Population by Race/Ethnicity, California, 2015-2023



14.3% (n=2310) of reported incidents of Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) did not identify race/ethnicity and 5.5% (n=895) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1	52	0.1	53	0.1	33	0.1
ALAMEDA COUNTY TOTAL	4	0.2*	3	0.2*	4	0.2*	2	0.1*	3	0.2*	4	0.2*	4	0.2*	1	0.1*	1	0.1*
ALAMEDA	4	0.3*	3	0.2*	3	0.2*	2	0.1*	3	0.2*	4	0.3*	4	0.3*	1	0.1*	1	0.1*
BERKELEY	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	2	0.9*	1	0.4*	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	1	2.2*	0	-	1	2.2*	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	1	0.1*	2	0.2*	4	0.3*	0	-	1	0.1*	3	0.3*	3	0.3*	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.8*
EL DORADO	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	1	0.5*
FRESNO	0	-	1	0.1*	3	0.3*	4	0.4*	2	0.2*	0	-	7	0.7*	4	0.4*	1	0.1*
GLENN	0	-	1	3.6*	0	-	0	-	0	-	0	-	1	3.5*	0	-	1	3.5*
HUMBOLDT	2	1.5*	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	3	0.3*	1	0.1*	0	-	1	0.1*	0	-	3	0.3*	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	2	1.3*	3	2.0*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	3	0.0*	0	-	12	0.1*	9	0.1*	2	0.0*	7	0.1*	8	0.1*	3	0.0*
LOS ANGELES	2	0.0*	2	0.0*	0	-	11	0.1*	8	0.1*	2	0.0*	7	0.1*	8	0.1*	3	0.0*
LONG BEACH	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-	2	1.3*	0	-	0	-	0	-	1	0.6*	0	-
MARIN	0	-	2	0.8*	0	-	1	0.4*	3	1.1*	0	-	2	0.8*	0	-	0	-
MARIPOSA	1	5.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	0	-	2	0.7*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	3	0.7*	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	2	1.4*	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	2	2.0*	4	3.9*	0	-	2	2.0*	0	-	1	1.0*	2	2.0*	0	-
ORANGE	0	-	3	0.1*	2	0.1*	2	0.1*	2	0.1*	3	0.1*	2	0.1*	4	0.1*	0	-
PLACER	3	0.8*	3	0.8*	0	-	4	1.0*	0	-	2	0.5*	2	0.5*	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	0	-	3	0.1*	1	0.0*	3	0.1*	1	0.0*	0	-	0	-	1	0.0*
SACRAMENTO	5	0.3*	2	0.1*	1	0.1*	1	0.1*	6	0.4*	1	0.1*	6	0.4*	5	0.3*	1	0.1*
SAN BENITO	1	1.7*	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	2	0.1*	2	0.1*	1	0.0*	0	-	0	-	0	-	0	-
SAN DIEGO	1	0.0*	1	0.0*	18	0.5*	2	0.1*	2	0.1*	3	0.1*	0	-	2	0.1*	2	0.1*
SAN FRANCISCO	2	0.2*	1	0.1*	1	0.1*	0	-	4	0.5*	0	-	1	0.1*	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	2	0.3*	3	0.4*	2	0.3*	0	-	3	0.4*	2	0.3*
SAN LUIS OBISPO	0	-	3	1.1*	0	-	0	-	1	0.4*	1	0.4*	2	0.7*	3	1.1*	0	-
SAN MATEO	1	0.1*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	2	0.5*	0	-	1	0.2*	0	-	2	0.4*	0	-	1	0.2*	0	-
SANTA CLARA	4	0.2*	2	0.1*	4	0.2*	5	0.3*	6	0.3*	0	-	1	0.1*	2	0.1*	2	0.1*
SANTA CRUZ	0	-	2	0.7*	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-	1	0.4*
SHASTA	1	0.6*	0	-	2	1.1*	2	1.1*	3	1.7*	1	0.5*	2	1.1*	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.3*	0	-	0	-	2	4.5*	0	-	1	2.3*	0	-
SOLANO	0	-	3	0.7*	1	0.2*	2	0.4*	3	0.7*	1	0.2*	1	0.2*	2	0.4*	0	-
SONOMA	0	-	1	0.2*	0	-	2	0.4*	4	0.8*	1	0.2*	2	0.4*	1	0.2*	0	-
STANISLAUS	0	-	0	-	1	0.2*	0	-	0	-	5	0.9*	2	0.4*	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*
TEHAMA	0	-	0	-	0	-	0	-	1	1.5*	0	-	1	1.5*	0	-	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	0	-	4	0.8*	0	-	0	-	3	0.6*	3	0.6*
TUOLUMNE	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	1	0.1*	0	-	1	0.1*	3	0.4*	0	-	1	0.1*	0	-	0	-
YOLO	0	-	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-	1	0.4*
YUBA	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	1	1.2*	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS)

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	36	45	52	67	70	36	52	53	33	
JANUARY	0	4	2	3	2	1	0	3	2	
FEBRUARY	2	0	1	1	0	0	0	3	0	
MARCH	1	0	1	2	1	1	1	1	2	
APRIL	4	2	2	9	2	1	5	5	2	
MAY	2	4	3	8	11	9	1	2	0	
JUNE	3	5	0	5	10	1	6	6	7	
JULY	5	6	10	8	7	5	8	6	7	
AUGUST	4	1	3	7	10	4	6	10	3	
SEPTEMBER	4	3	6	11	11	6	10	7	4	
OCTOBER	8	8	16	3	6	1	4	4	3	
NOVEMBER	1	10	5	7	5	5	4	4	2	
DECEMBER	2	2	3	3	5	2	7	2	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1	52	0.1	53	0.1	33	0.1
FEMALE	23	0.1	28	0.1	18	0.1*	37	0.2	42	0.2	22	0.1	33	0.2	32	0.2	21	0.1
MALE	13	0.1*	17	0.1*	34	0.2	30	0.2	28	0.1	14	0.1*	19	0.1	21	0.1	12	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1	52	0.1	53	0.1	33	0.1
0	1	0.2*	0	-	0	-	1	0.2*	2	0.4*	1	0.2*	0	-	2	0.5*	0	-
1-4	17	0.9*	26	1.3	15	0.8*	26	1.3	33	1.7	18	1.0*	23	1.3	30	1.7	21	1.2
5-9	7	0.3*	10	0.4*	10	0.4*	8	0.3*	14	0.6*	9	0.4*	14	0.6*	11	0.4*	5	0.2*
10-14	4	0.2*	1	0.0*	3	0.1*	9	0.4*	5	0.2*	2	0.1*	5	0.2*	1	0.0*	1	0.0*
15-24	0	-	0	-	16	0.3*	2	0.0*	4	0.1*	0	-	2	0.0*	1	0.0*	1	0.0*
25-34	0	-	1	0.0*	1	0.0*	1	0.0*	3	0.1*	2	0.0*	1	0.0*	0	-	0	-
35-44	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.0*
45-54	3	0.1*	1	0.0*	0	-	2	0.0*	3	0.1*	0	-	0	-	3	0.1*	0	-
55-64	3	0.1*	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*
65+	1	0.0*	6	0.1*	4	0.1*	14	0.2*	2	0.0*	2	0.0*	4	0.1*	3	0.0*	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

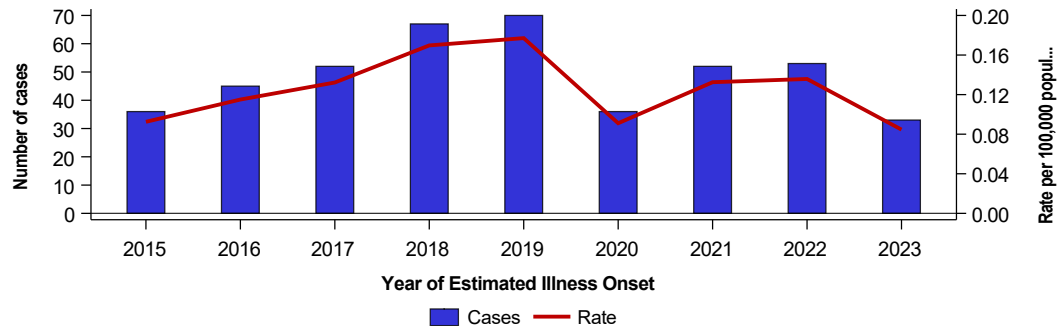
*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases by Race/Ethnicity, California, 2015-2023

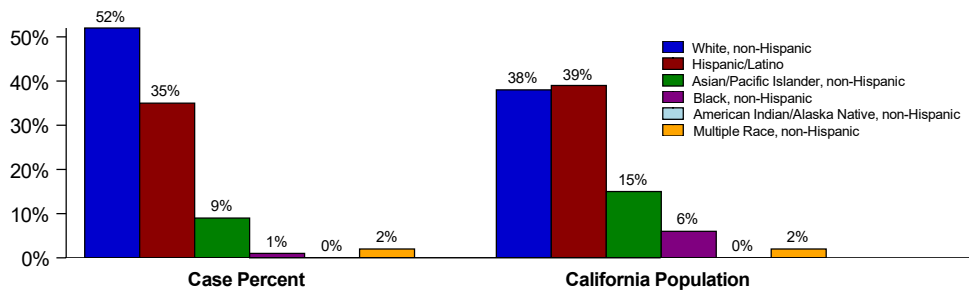
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	36	45	52	67	70	36	52	53	33	
WHITE, NON-HISPANIC	18	23	27	28	21	16	26	21	10	
HISPANIC/LATINO	10	11	5	19	24	12	15	19	12	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	1	4	5	8	3	3	5	3	
BLACK, NON-HISPANIC	1	1	0	1	0	0	0	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	1	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	2	1	1	0	2	1	0	1	0	
OTHER, NON-HISPANIC	0	4	4	7	7	2	5	3	5	
UNKNOWN	3	4	11	6	8	2	3	3	3	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) Cases and Population by Race/Ethnicity, California, 2015-2023



9.7% (n=43) of reported incidents of Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) did not identify race/ethnicity and 8.3% (n=37) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC)

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*	3	0.0*	2	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-
FRESNO	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	2	0.0*	0	-	0	-	3	0.0*	0	-	1	0.0*	2	0.0*
LOS ANGELES	0	-	0	-	2	0.0*	0	-	0	-	3	0.0*	0	-	1	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	1	0.0*	3	0.1*	0	-	1	0.0*
PLACER	0	-	4	1.0*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
SAN DIEGO	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	2	1.1*	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	1	1.5*	1	1.5*	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC)

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	4	11	9	5	5	11	3	2	4	
JANUARY	0	2	2	0	0	1	0	0	0	
FEBRUARY	0	0	1	0	0	0	0	0	1	
MARCH	0	0	0	0	1	1	1	0	0	
APRIL	0	0	0	1	0	0	1	1	0	
MAY	0	1	1	1	0	1	0	1	0	
JUNE	1	1	1	1	0	1	0	0	0	
JULY	0	0	0	0	1	1	0	0	0	
AUGUST	0	1	1	0	0	3	1	0	1	
SEPTEMBER	0	1	0	0	1	0	0	0	0	
OCTOBER	2	3	0	1	0	3	0	0	0	
NOVEMBER	1	2	2	0	2	0	0	0	2	
DECEMBER	0	0	1	1	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*	3	0.0*	2	0.0*	4	0.0*
FEMALE	2	0.0*	6	0.0*	6	0.0*	5	0.0*	3	0.0*	8	0.0*	3	0.0*	1	0.0*	3	0.0*
MALE	2	0.0*	5	0.0*	3	0.0*	0	-	2	0.0*	3	0.0*	0	-	1	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*	3	0.0*	2	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
1-4	3	0.2*	2	0.1*	4	0.2*	2	0.1*	2	0.1*	3	0.2*	1	0.1*	1	0.1*	0	-
5-9	0	-	3	0.1*	0	-	0	-	2	0.1*	1	0.0*	0	-	0	-	1	0.0*
10-14	0	-	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*
15-24	0	-	0	-	0	-	1	0.0*	0	-	3	0.1*	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
35-44	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	1	0.0*	0	-	3	0.1*	0	-	0	-	0	-	0	-	0	-	2	0.0*
65+	0	-	3	0.1*	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

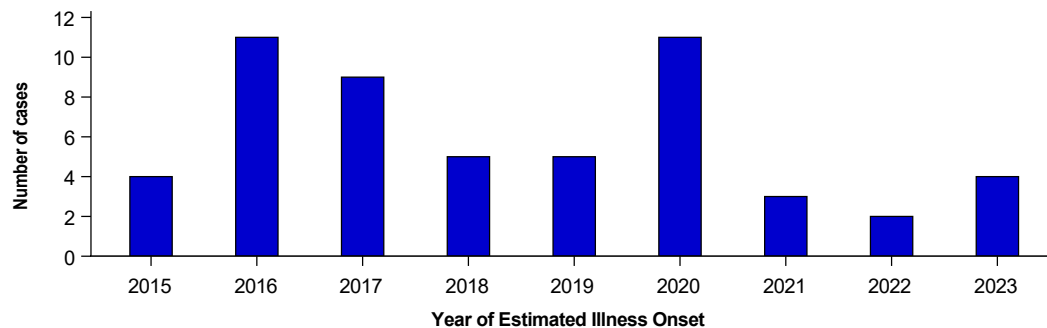
*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	4	11	9	5	5	11	3	2	4	
WHITE, NON-HISPANIC	1	7	4	2	2	5	2	0	1	
HISPANIC/LATINO	2	0	3	1	0	2	1	1	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	1	2	0	1	0	
BLACK, NON-HISPANIC	0	0	1	0	0	0	0	0	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	1	0	0	0	
UNKNOWN	1	4	1	2	2	1	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC) Cases by Year of Estimated Illness Onset, California, 2015-2023



Shigellosis

Shigellosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2,198	5.6	2,076	5.3	2,655	6.8	3,441	8.7	3,459	8.8	1,801	4.6	2,595	6.6	3,779	9.7	4,498	11.5
ALAMEDA COUNTY TOTAL	135	8.3	58	3.5	144	8.7	183	11.0	142	8.5	75	4.5	106	6.4	154	9.4	228	13.9
ALAMEDA	128	8.6	51	3.4	131	8.6	175	11.4	135	8.8	72	4.6	99	6.4	137	9.0	211	13.8
BERKELEY	7	5.9*	7	5.8*	13	10.7*	8	6.6*	7	5.7*	3	2.4*	7	5.8*	17	13.7*	17	13.6*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	8	19.9*	0	-	1	2.5*	1	2.5*	0	-
BUTTE	3	1.3*	5	2.2*	4	1.7*	0	-	0	-	0	-	2	1.0*	4	1.9*	5	2.4*
CALAVERAS	0	-	0	-	2	4.4*	0	-	1	2.2*	1	2.2*	1	2.2*	0	-	0	-
COLUSA	0	-	0	-	1	4.6*	0	-	0	-	0	-	0	-	0	-	1	4.6*
CONTRA COSTA	30	2.7	33	2.9	70	6.1	104	9.0	81	7.0	38	3.3	59	5.1	87	7.6	132	11.5
DEL NORTE	1	3.7*	0	-	1	3.7*	1	3.6*	0	-	0	-	0	-	0	-	0	-
EL DORADO	5	2.7*	0	-	8	4.3*	3	1.6*	2	1.1*	3	1.6*	4	2.1*	4	2.1*	3	1.6*
FRESNO	86	8.9	110	11.3	72	7.3	76	7.6	66	6.6	50	5.0	62	6.1	54	5.3	98	9.6
GLENN	0	-	1	3.6*	1	3.6*	0	-	0	-	0	-	0	-	0	-	1	3.5*
HUMBOLDT	1	0.7*	2	1.5*	1	0.7*	5	3.6*	3	2.2*	1	0.7*	0	-	33	24.6	13	9.7*
IMPERIAL	29	16.1	19	10.5	41	22.7	22	12.2	44	24.3	17	9.4*	47	26.2	34	19.0	38	21.1
INYO	0	-	0	-	0	-	1	5.3*	0	-	0	-	0	-	0	-	0	-
KERN	23	2.6	65	7.4	56	6.3	53	5.9	43	4.8	38	4.2	41	4.5	92	10.1	98	10.8
KINGS	1	0.7*	2	1.4*	0	-	2	1.3*	7	4.6*	3	2.0*	3	2.0*	3	2.0*	5	3.3*
LAKE	1	1.5*	2	3.0*	4	5.9*	0	-	2	2.9*	1	1.5*	1	1.5*	1	1.5*	6	8.9*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.4*	0	-
LOS ANGELES COUNTY TOTAL	534	5.3	630	6.2	771	7.6	1,053	10.4	1,127	11.2	630	6.3	721	7.3	1,127	11.5	1,409	14.5
LOS ANGELES	505	5.3	582	6.1	727	7.6	972	10.2	1,040	10.9	586	6.2	666	7.1	1,040	11.2	1,300	14.1
LONG BEACH	25	5.3	42	8.9	36	7.6	72	15.2	79	16.7	43	9.3	47	10.2	74	16.1	94	20.5
PASADENA	4	2.8*	6	4.2*	8	5.6*	9	6.2*	8	5.5*	1	0.7*	8	5.7*	13	9.4*	15	10.9*
MADERA	9	5.9*	7	4.6*	5	3.2*	12	7.7*	5	3.2*	0	-	2	1.3*	9	5.7*	8	5.1*
MARIN	23	8.7	26	9.8	31	11.7	27	10.2	30	11.4	13	5.0*	17	6.6*	32	12.6	34	13.5
MARIPOSA	0	-	0	-	0	-	0	-	1	5.8*	0	-	0	-	0	-	4	23.5*
MENDOCINO	4	4.4*	1	1.1*	1	1.1*	5	5.5*	3	3.3*	3	3.3*	5	5.5*	3	3.4*	4	4.5*
MERCED	7	2.6*	7	2.6*	11	4.0*	8	2.9*	7	2.5*	7	2.5*	7	2.5*	3	1.1*	13	4.5*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	1	11.7*	0	-	0	-
MONO	0	-	1	7.5*	0	-	0	-	0	-	1	7.5*	0	-	0	-	1	7.6*
MONTEREY	15	3.5*	28	6.4	13	3.0*	30	6.8	31	7.0	12	2.7*	22	5.0	28	6.4	32	7.4
NAPA	11	7.8*	6	4.3*	12	8.6*	12	8.6*	12	8.6*	9	6.5*	7	5.1*	11	8.1*	14	10.4*
NEVADA	4	4.0*	2	2.0*	2	2.0*	1	1.0*	2	2.0*	0	-	2	2.0*	0	-	3	3.0*
ORANGE	66	2.1	74	2.3	92	2.9	183	5.7	181	5.7	76	2.4	139	4.4	226	7.2	207	6.6
PLACER	15	4.0*	16	4.2*	17	4.4*	11	2.8*	13	3.2*	5	1.2*	8	2.0*	15	3.7*	22	5.3
PLUMAS	0	-	0	-	1	5.1*	1	5.1*	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	71	3.1	79	3.4	116	4.9	148	6.2	156	6.5	96	4.0	171	7.0	210	8.6	268	10.9
SACRAMENTO	75	5.0	34	2.2	91	5.9	78	5.0	105	6.7	51	3.2	61	3.9	87	5.5	124	7.9
SAN BENITO	2	3.4*	0	-	4	6.6*	1	1.6*	7	11.1*	1	1.6*	3	4.6*	5	7.6*	8	12.0*
SAN BERNARDINO	48	2.3	45	2.1	72	3.4	102	4.7	80	3.7	50	2.3	89	4.1	86	3.9	167	7.6
SAN DIEGO	184	5.7	242	7.4	334	10.2	393	11.9	430	13.1	239	7.2	434	13.2	530	16.2	521	15.8
SAN FRANCISCO	219	25.6	101	11.7	183	21.1	283	32.4	261	29.9	121	13.9	226	27.0	358	42.9	322	38.8
SAN JOAQUIN	189	25.9	74	10.0	39	5.2	39	5.1	55	7.1	18	2.3*	25	3.2	57	7.3	64	8.1
SAN LUIS OBISPO	9	3.2*	2	0.7*	8	2.8*	13	4.6*	7	2.5*	4	1.4*	8	2.9*	7	2.5*	12	4.3*
SAN MATEO	37	4.9	44	5.8	68	8.9	80	10.4	71	9.3	22	2.9	35	4.7	87	11.8	97	13.2
SANTA BARBARA	10	2.3*	17	3.8*	17	3.8*	11	2.5*	27	6.0	18	4.0*	29	6.6	30	6.8	45	10.1
SANTA CLARA	225	11.8	78	4.1	153	7.9	240	12.4	166	8.6	74	3.8	120	6.3	180	9.6	215	11.5
SANTA CRUZ	10	3.6*	20	7.3	12	4.4*	27	9.9	53	19.5	10	3.7*	11	4.2*	28	10.6	21	7.9
SHASTA	3	1.7*	2	1.1*	0	-	3	1.7*	1	0.6*	1	0.5*	2	1.1*	0	-	4	2.2*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-	0	-	1	2.3*
SOLANO	17	3.9*	41	9.3	31	7.0	30	6.7	54	12.0	7	1.5*	24	5.3	34	7.6	39	8.8
SONOMA	10	2.0*	12	2.4*	35	7.0	71	14.3	51	10.4	25	5.1	17	3.5*	27	5.6	49	10.2
STANISLAUS	20	3.7	134	24.8	53	9.7	44	8.0	31	5.6	17	3.1*	24	4.3	27	4.9	47	8.6
SUTTER	5	5.2*	2	2.1*	1	1.0*	1	1.0*	1	1.0*	2	2.0*	0	-	1	1.0*	3	3.0*
TEHAMA	0	-	0	-	0	-	0	-	1	1.5*	2	3.0*	1	1.5*	0	-	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	20	4.3	10	2.2*	9	1.9*	5	1.1*	12	2.5*	5	1.1*	15	3.2*	11	2.3*	18	3.8*
TUOLUMNE	1	1.8*	0	-	3	5.5*	2	3.6*	0	-	0	-	0	-	0	-	0	-
VENTURA	23	2.7	31	3.6	57	6.7	67	7.9	58	6.9	51	6.0	33	3.9	76	9.2	83	10.1
YOLO	15	7.1*	12	5.6*	7	3.3*	10	4.6*	17	7.9*	4	1.8*	9	4.2*	15	6.7*	10	4.5*
YUBA	2	2.6*	1	1.3*	0	-	0	-	4	5.0*	0	-	0	-	1	1.2*	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis

Shigellosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	2,198	2,076	2,655	3,441	3,459	1,801	2,595	3,779	4,498	
JANUARY	123	145	175	223	287	254	105	262	337	
FEBRUARY	103	119	167	184	212	159	119	256	242	
MARCH	119	113	149	177	256	130	133	283	280	
APRIL	98	117	158	214	201	66	174	287	284	
MAY	143	107	194	252	273	84	226	288	355	
JUNE	144	160	186	258	266	96	201	294	351	
JULY	189	217	254	374	380	145	262	322	455	
AUGUST	214	272	321	410	379	189	250	401	521	
SEPTEMBER	220	237	294	395	298	226	289	378	443	
OCTOBER	436	226	302	329	362	221	303	468	456	
NOVEMBER	247	195	247	376	278	148	284	298	443	
DECEMBER	162	168	208	249	267	83	249	242	331	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Shigellosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,198	5.6	2,076	5.3	2,655	6.8	3,441	8.7	3,459	8.8	1,801	4.6	2,595	6.6	3,779	9.7	4,498	11.5
FEMALE	880	4.5	767	3.9	1,013	5.1	1,302	6.6	1,280	6.4	577	2.9	830	4.2	1,255	6.4	1,493	7.6
MALE	1,316	6.8	1,305	6.7	1,634	8.4	2,135	10.9	2,173	11.1	1,217	6.2	1,757	9.0	2,511	12.9	2,978	15.3
UNKNOWN	2	-	4	-	8	-	4	-	6	-	7	-	8	-	13	-	27	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,198	5.6	2,076	5.3	2,655	6.8	3,441	8.7	3,459	8.8	1,801	4.6	2,595	6.6	3,779	9.7	4,498	11.5
0	7	1.4*	9	1.8*	11	2.3*	15	3.3*	12	2.7*	5	1.1*	10	2.4*	18	4.3*	13	3.2*
1-4	197	9.9	181	9.1	208	10.6	226	11.6	213	11.2	126	6.7	131	7.2	181	10.5	191	11.3
5-9	192	7.6	201	7.9	190	7.6	186	7.4	172	6.9	81	3.2	94	3.8	150	6.1	142	5.9
10-14	86	3.4	84	3.3	95	3.7	112	4.4	99	3.9	61	2.3	74	2.9	88	3.5	91	3.6
15-24	237	4.2	212	3.8	264	4.8	334	6.2	325	6.1	177	3.2	268	4.9	332	6.1	378	7.0
25-34	406	7.5	381	7.1	485	9.0	710	13.3	674	12.6	359	6.7	548	10.1	775	14.3	965	17.6
35-44	309	6.0	269	5.2	362	7.0	530	10.2	536	10.3	303	6.1	455	9.2	680	13.9	829	17.1
45-54	369	7.0	314	6.0	448	8.6	549	10.7	550	10.8	286	5.9	365	7.6	555	11.8	614	13.1
55-64	241	5.1	243	5.1	309	6.3	429	8.7	512	10.3	245	5.0	381	7.9	558	11.8	683	14.7
65+	152	2.9	180	3.3	279	4.9	345	5.8	362	5.8	157	2.5	260	4.0	435	6.5	586	8.5
UNKNOWN	2	-	2	-	4	-	5	-	4	-	1	-	9	-	7	-	6	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

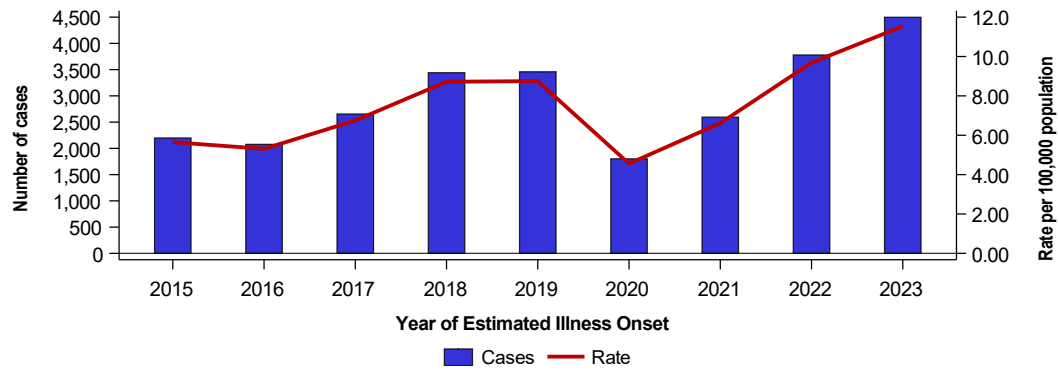
*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis, Cases by Race/Ethnicity, California, 2015-2023

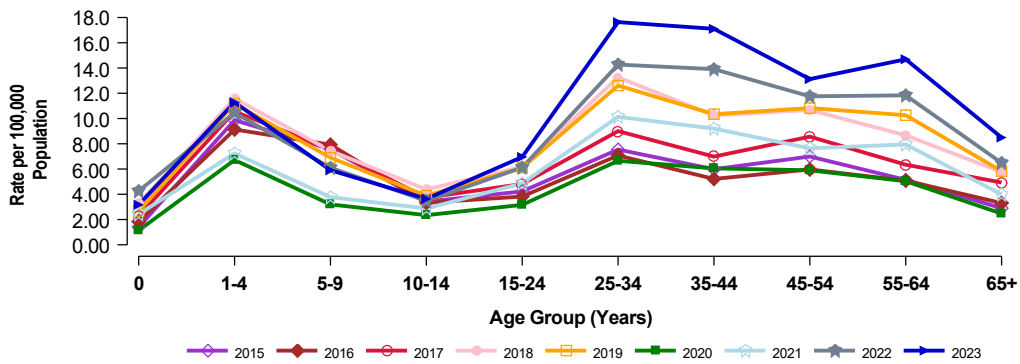
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	2,198	2,076	2,655	3,441	3,459	1,801	2,595	3,779	4,498	
WHITE, NON-HISPANIC	731	787	972	1,222	1,157	576	828	1,220	1,512	
HISPANIC/LATINO	869	791	975	1,214	1,345	688	1,028	1,257	1,642	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	87	78	151	218	204	88	109	195	241	
BLACK, NON-HISPANIC	191	180	179	252	210	164	203	279	336	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	8	4	10	9	5	3	6	19	17	
MULTIPLE RACE, NON-HISPANIC	8	11	12	22	35	15	20	33	35	
OTHER, NON-HISPANIC	21	59	140	162	169	89	148	261	269	
UNKNOWN	283	166	216	342	334	178	253	515	446	

For inclusion/exclusion criteria, please refer to the Technical Notes.

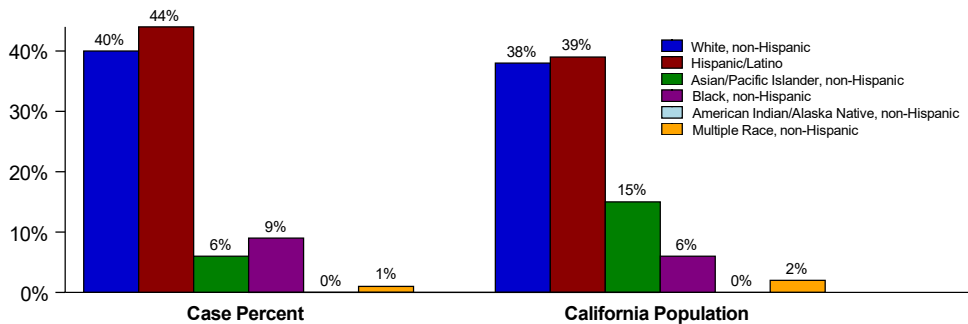
Shigellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Shigellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2015-2023



Shigellosis Cases and Population by Race/Ethnicity, California, 2015-2023



10.3% (n=2733) of reported incidents of Shigellosis did not identify race/ethnicity and 5% (n=1318) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	11	0.0*	15	0.0*	17	0.0*	14	0.0*	16	0.0*	2	0.0*	8	0.0*	12	0.0*	12	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	4	0.2*	4	0.2*	1	0.1*	3	0.2*	0	-	1	0.1*	0	-	1	0.1*
ALAMEDA	1	0.1*	3	0.2*	4	0.3*	0	-	1	0.1*	0	-	1	0.1*	0	-	1	0.1*
BERKELEY	0	-	1	0.8*	0	-	1	0.8*	2	1.6*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	2.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-	1	0.5*
FRESNO	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	1	0.6*	0	-	1	0.6*	1	0.6*	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	2	0.0*	4	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	7	0.1*	1	0.0*
LOS ANGELES	0	-	1	0.0*	3	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	7	0.1*	1	0.0*
LONG BEACH	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	1	0.7*	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	0	-	1	0.0*	0	-	2	0.1*	0	-	1	0.0*	1	0.0*	0	-
PLACER	0	-	1	0.3*	0	-	1	0.3*	1	0.2*	1	0.2*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	2	0.1*	2	0.1*	0	-	0	-	0	-	1	0.0*	1	0.0*
SACRAMENTO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.1*	0	-	0	-	0	-	1	0.0*
SAN DIEGO	2	0.1*	2	0.1*	3	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.1*	3	0.1*
SAN FRANCISCO	0	-	0	-	1	0.1*	2	0.2*	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-
SONOMA	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	11	15	17	14	16	2	8	12	12	
JANUARY	0	2	2	0	0	0	0	0	0	
FEBRUARY	0	1	1	0	1	0	1	0	0	
MARCH	2	0	0	2	0	1	0	0	0	
APRIL	1	0	1	2	2	0	0	0	0	
MAY	2	1	2	3	1	0	2	3	0	
JUNE	2	0	1	1	1	0	0	2	0	
JULY	1	2	1	3	3	0	3	2	7	
AUGUST	1	4	1	0	1	0	0	3	1	
SEPTEMBER	1	1	3	2	2	1	2	0	0	
OCTOBER	0	4	1	1	3	0	0	1	4	
NOVEMBER	0	0	3	0	1	0	0	0	0	
DECEMBER	1	0	1	0	1	0	0	1	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Spotted Fever Rickettsiosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015	2016	2017	2018	2019	2020	2021	2022	2023									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	11	0.0*	15	0.0*	17	0.0*	14	0.0*	16	0.0*	2	0.0*	8	0.0*	12	0.0*	12	0.0*
FEMALE	4	0.0*	6	0.0*	6	0.0*	5	0.0*	6	0.0*	1	0.0*	3	0.0*	2	0.0*	4	0.0*
MALE	7	0.0*	9	0.0*	11	0.1*	9	0.0*	10	0.1*	1	0.0*	5	0.0*	10	0.1*	8	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015	2016	2017	2018	2019	2020	2021	2022	2023									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
TOTAL	11	0.0*	15	0.0*	17	0.0*	14	0.0*	16	0.0*	2	0.0*	8	0.0*	12	0.0*	12	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
5-9	0	-	0	-	0	-	0	-	2	0.1*	0	-	1	0.0*	0	-	0	-
10-14	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*
15-24	4	0.1*	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*
25-34	3	0.1*	4	0.1*	3	0.1*	3	0.1*	1	0.0*	0	-	0	-	3	0.1*	0	-
35-44	1	0.0*	2	0.0*	4	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
45-54	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
55-64	1	0.0*	3	0.1*	2	0.0*	5	0.1*	3	0.1*	1	0.0*	1	0.0*	0	-	2	0.0*
65+	1	0.0*	3	0.1*	6	0.1*	2	0.0*	8	0.1*	0	-	5	0.1*	5	0.1*	5	0.1*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

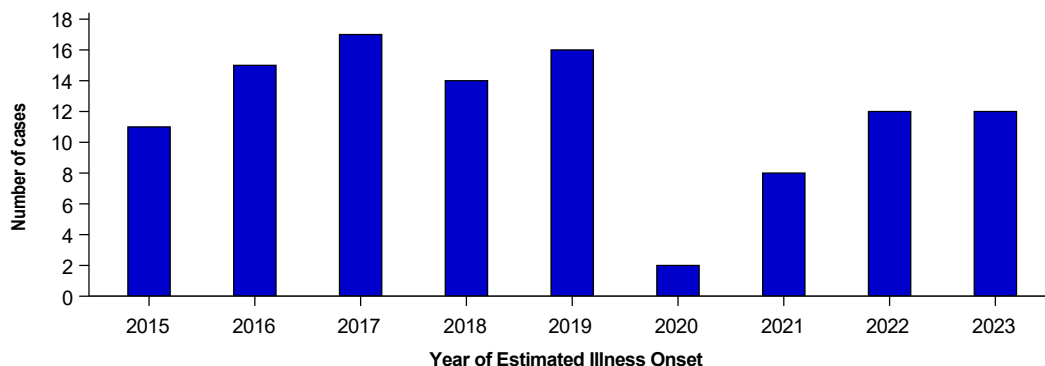
*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis, Cases by Race/Ethnicity, California, 2015-2023

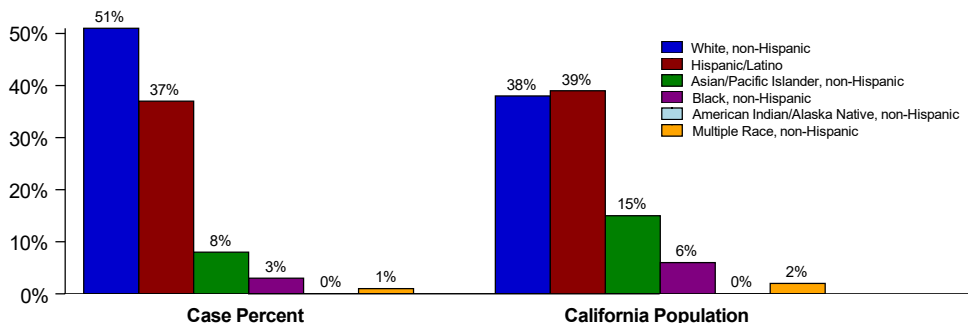
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	11	15	17	14	16	2	8	12	12	
WHITE, NON-HISPANIC	4	6	4	3	7	1	1	6	4	
HISPANIC/LATINO	4	0	5	3	3	0	2	5	4	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	2	1	0	2	0	1	0	0	
BLACK, NON-HISPANIC	0	0	1	1	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
OTHER, NON-HISPANIC	0	1	1	1	0	0	0	1	2	
UNKNOWN	3	6	4	6	4	1	4	0	2	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Spotted Fever Rickettsiosis Cases by Year of Estimated Illness Onset, California, 2015-2023



Spotted Fever Rickettsiosis Cases and Population by Race/Ethnicity, California, 2015-2023



28% (n=30) of reported incidents of Spotted Fever Rickettsiosis did not identify race/ethnicity and 5.6% (n=6) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Trichinosis

Trichinosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	8	0.0*	8	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	8	0.5*	3	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	8	0.5*	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	5	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Trichinosis

Trichinosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	0	8	8	0	0	1	0	0	0
JANUARY	0	0	3	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	0	0
MARCH	0	0	1	0	0	0	0	0	0
APRIL	0	0	3	0	0	0	0	0	0
MAY	0	0	1	0	0	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	0	0
AUGUST	0	0	0	0	0	1	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0	0	0
DECEMBER	0	8	0	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Trichinosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	8	0.0*	8	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
FEMALE	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
MALE	0	-	8	0.0*	7	0.0*	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Trichinosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	8	0.0*	8	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	3	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
45-54	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	6	0.1*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Trichinosis, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	0	8	8	0	0	1	0	0	0
WHITE, NON-HISPANIC	0	0	3	0	0	0	0	0	0
HISPANIC/LATINO	0	0	1	0	0	1	0	0	0
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	8	2	0	0	0	0	0	0
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	0
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	1	0	0	0	0	0	0

For inclusion/exclusion criteria, please refer to the Technical Notes.

Tularemia

Tularemia, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
ALAMEDA	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	1	1.5*	1	1.5*	1	1.5*	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia

Tularemia, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	2	2	5	4	4	4	2	1	1	
JANUARY	0	0	0	1	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	1	0	0	1	0	0	0	
APRIL	0	0	0	1	0	0	0	0	0	
MAY	0	0	0	1	2	0	0	1	0	
JUNE	0	1	0	0	1	0	0	0	0	
JULY	0	0	2	1	1	0	2	0	0	
AUGUST	2	0	1	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	1	0	0	1	
OCTOBER	0	0	0	0	0	2	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	0	1	1	0	0	0	0	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Tularemia, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*	1	0.0*
FEMALE	1	0.0*	0	-	3	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	0	-
MALE	1	0.0*	2	0.0*	2	0.0*	2	0.0*	2	0.0*	3	0.0*	1	0.0*	1	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-	0	-
10-14	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-
65+	2	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	0	-	0	-	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

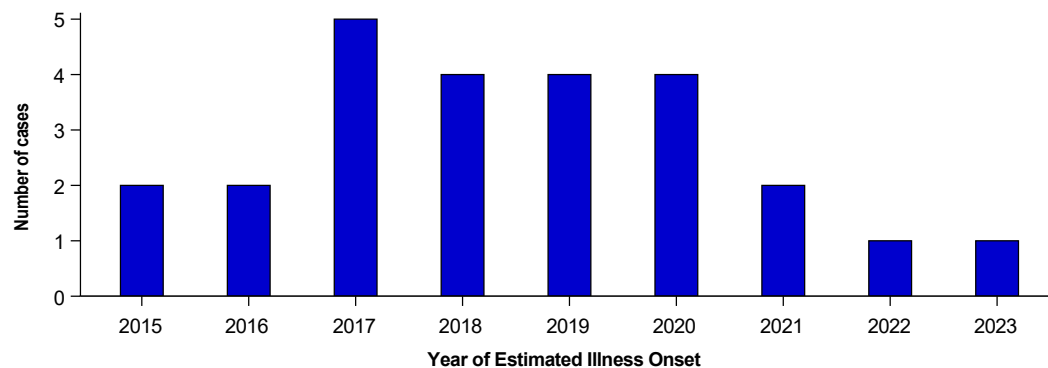
*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia, Cases by Race/Ethnicity, California, 2015-2023

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	2	2	5	4	4	4	2	1	1	
WHITE, NON-HISPANIC	2	0	1	3	1	3	1	1	1	
HISPANIC/LATINO	0	0	2	0	2	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	1	0	0	0	
BLACK, NON-HISPANIC	0	1	0	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	1	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	1	2	1	0	0	1	0	0	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Tularemia Cases by Year of Estimated Illness Onset, California, 2015-2023



Typhoid Fever

Typhoid Fever, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	59	0.2	61	0.2	76	0.2	78	0.2	97	0.2	49	0.1	55	0.1	85	0.2	86	0.2
ALAMEDA COUNTY TOTAL	8	0.5*	9	0.5*	12	0.7*	6	0.4*	7	0.4*	7	0.4*	2	0.1*	10	0.6*	9	0.5*
ALAMEDA	7	0.5*	9	0.6*	11	0.7*	5	0.3*	7	0.5*	6	0.4*	2	0.1*	10	0.7*	9	0.6*
BERKELEY	1	0.8*	0	-	1	0.8*	1	0.8*	0	-	1	0.8*	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	5	0.4*	0	-	8	0.7*	7	0.6*	3	0.3*	3	0.3*	0	-	5	0.4*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
FRESNO	1	0.1*	0	-	1	0.1*	6	0.6*	1	0.1*	0	-	1	0.1*	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	2	0.2*	1	0.1*	1	0.1*	0	-	0	-	5	0.6*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	13	0.1*	11	0.1*	9	0.1*	13	0.1*	27	0.3	12	0.1*	15	0.2*	16	0.2*	20	0.2
LOS ANGELES	13	0.1*	11	0.1*	8	0.1*	13	0.1*	26	0.3	11	0.1*	14	0.1*	16	0.2*	16	0.2*
LONG BEACH	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	3	0.7*
PASADENA	0	-	0	-	1	0.7*	0	-	0	-	0	-	1	0.7*	0	-	1	0.7*
MADERA	0	-	1	0.7*	2	1.3*	0	-	0	-	0	-	0	-	0	-	1	0.6*
MARIN	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	1	5.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.3*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	2	0.5*
NAPA	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-
ORANGE	3	0.1*	4	0.1*	7	0.2*	3	0.1*	7	0.2*	1	0.0*	3	0.1*	11	0.3*	5	0.2*
PLACER	1	0.3*	0	-	0	-	1	0.3*	0	-	1	0.2*	2	0.5*	0	-	1	0.2*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	1	0.0*	3	0.1*	1	0.0*	0	-	2	0.1*	3	0.1*	0	-
SACRAMENTO	1	0.1*	2	0.1*	4	0.3*	6	0.4*	5	0.3*	5	0.3*	7	0.4*	2	0.1*	4	0.3*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	1	0.0*	2	0.1*	2	0.1*	2	0.1*	0	-	3	0.1*	0	-	3	0.1*
SAN DIEGO	5	0.2*	5	0.2*	2	0.1*	4	0.1*	5	0.2*	4	0.1*	9	0.3*	13	0.4*	7	0.2*
SAN FRANCISCO	1	0.1*	3	0.3*	3	0.3*	3	0.3*	4	0.5*	1	0.1*	1	0.1*	0	-	2	0.2*
SAN JOAQUIN	2	0.3*	2	0.3*	4	0.5*	7	0.9*	0	-	2	0.3*	1	0.1*	3	0.4*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	2	0.3*	2	0.3*	1	0.1*	1	0.1*	4	0.5*	0	-	2	0.3*	2	0.3*	3	0.4*
SANTA BARBARA	2	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	15	0.8*	9	0.5*	18	0.9*	12	0.6*	19	1.0	9	0.5*	3	0.2*	13	0.7*	16	0.9*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-
STANISLAUS	0	-	1	0.2*	0	-	0	-	2	0.4*	0	-	0	-	1	0.2*	2	0.4*
SUTTER	0	-	2	2.1*	0	-	0	-	1	1.0*	1	1.0*	0	-	1	1.0*	2	2.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	3	0.4*	1	0.1*	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	1	0.5*	0	-	0	-	1	0.5*	0	-	1	0.4*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever

Typhoid Fever, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	59	61	76	78	97	49	55	85	86	
JANUARY	6	11	13	5	14	15	1	7	9	
FEBRUARY	7	2	5	1	15	11	4	5	7	
MARCH	1	5	4	5	3	6	5	13	9	
APRIL	4	4	5	15	7	2	3	8	8	
MAY	6	9	2	8	6	3	12	6	5	
JUNE	3	6	7	4	13	3	6	9	7	
JULY	5	8	9	11	11	3	4	7	4	
AUGUST	9	3	8	8	13	0	6	10	14	
SEPTEMBER	1	4	9	7	6	3	6	6	4	
OCTOBER	6	2	1	2	3	2	2	3	2	
NOVEMBER	2	1	7	5	2	1	4	4	12	
DECEMBER	9	6	6	7	4	0	2	7	5	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhoid Fever, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	59	0.2	61	0.2	76	0.2	78	0.2	97	0.2	49	0.1	55	0.1	85	0.2	86	0.2
FEMALE	23	0.1	28	0.1	39	0.2	39	0.2	54	0.3	26	0.1	20	0.1	36	0.2	35	0.2
MALE	36	0.2	33	0.2	37	0.2	39	0.2	43	0.2	23	0.1	35	0.2	49	0.3	51	0.3

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	59	0.2	61	0.2	76	0.2	78	0.2	97	0.2	49	0.1	55	0.1	85	0.2	86	0.2
0	0	-	0	-	0	-	1	0.2*	3	0.7*	0	-	0	-	0	-	0	-
1-4	5	0.3*	4	0.2*	13	0.7*	5	0.3*	4	0.2*	8	0.4*	1	0.1*	5	0.3*	6	0.4*
5-9	6	0.2*	6	0.2*	6	0.2*	5	0.2*	13	0.5*	4	0.2*	5	0.2*	9	0.4*	9	0.4*
10-14	5	0.2*	2	0.1*	5	0.2*	7	0.3*	11	0.4*	4	0.2*	9	0.3*	13	0.5*	6	0.2*
15-24	9	0.2*	6	0.1*	9	0.2*	16	0.3*	19	0.4	6	0.1*	11	0.2*	5	0.1*	13	0.2*
25-34	16	0.3*	16	0.3*	16	0.3*	11	0.2*	23	0.4	11	0.2*	7	0.1*	18	0.3*	21	0.4
35-44	9	0.2*	8	0.2*	8	0.2*	16	0.3*	9	0.2*	6	0.1*	10	0.2*	9	0.2*	14	0.3*
45-54	5	0.1*	12	0.2*	7	0.1*	9	0.2*	7	0.1*	5	0.1*	5	0.1*	12	0.3*	9	0.2*
55-64	1	0.0*	6	0.1*	7	0.1*	4	0.1*	5	0.1*	3	0.1*	2	0.0*	4	0.1*	2	0.0*
65+	2	0.0*	1	0.0*	5	0.1*	4	0.1*	3	0.0*	2	0.0*	5	0.1*	10	0.1*	6	0.1*
UNKNOWN	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

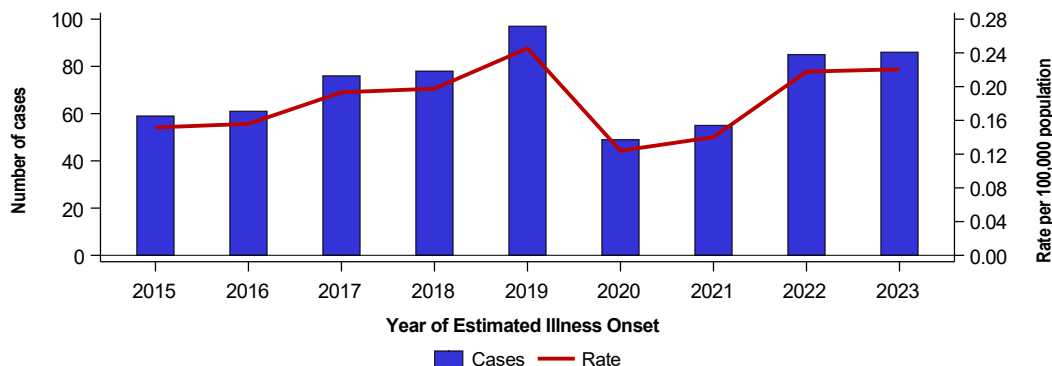
*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever, Cases by Race/Ethnicity, California, 2015-2023

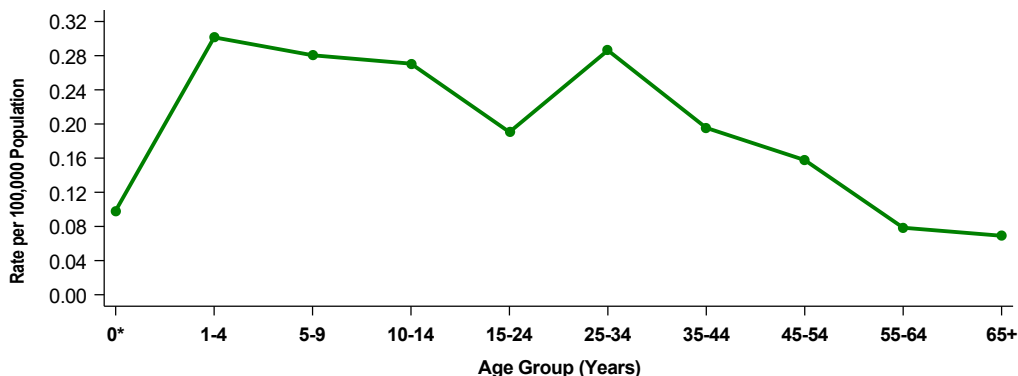
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET										
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
TOTAL	59	61	76	78	97	49	55	85	86		
WHITE, NON-HISPANIC	3	3	6	3	6	2	4	8	3		
HISPANIC/LATINO	11	9	6	11	30	11	21	17	24		
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	40	39	49	47	43	26	17	42	48		
BLACK, NON-HISPANIC	0	2	0	1	1	0	3	1	1		
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	1	0	0	0	0	0	1	0		
MULTIPLE RACE, NON-HISPANIC	2	1	4	2	1	1	2	3	1		
OTHER, NON-HISPANIC	1	5	3	10	9	6	4	4	8		
UNKNOWN	2	1	8	4	7	3	4	9	1		

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhoid Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

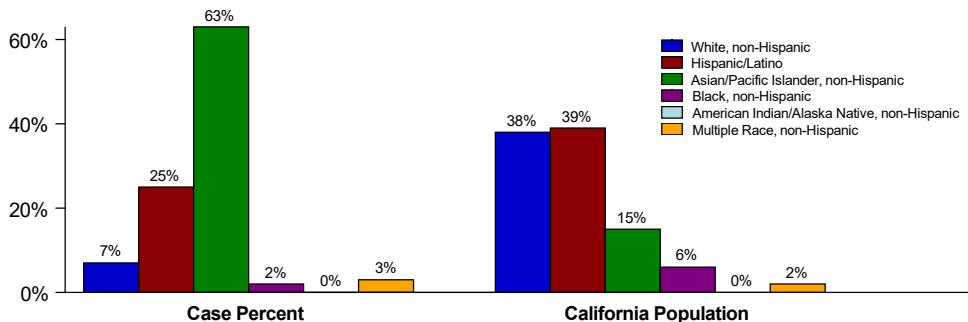


Typhoid Fever Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever Cases and Population by Race/Ethnicity, California, 2015-2023



6% (n=39) of reported incidents of Typhoid Fever did not identify race/ethnicity and 7.7% (n=50) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Typhus Fever

Typhus Fever, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	81	0.2	95	0.2	98	0.2	165	0.4	139	0.4	108	0.3	210	0.5	216	0.6	172	0.4
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	63	0.6	76	0.8	83	0.8	142	1.4	114	1.1	87	0.9	173	1.7	178	1.8	142	1.5
LOS ANGELES	51	0.5	45	0.5	65	0.7	104	1.1	93	1.0	75	0.8	140	1.5	159	1.7	120	1.3
LONG BEACH	7	1.5*	18	3.8*	10	2.1*	19	4.0	15	3.2*	11	2.4*	26	5.6	14	3.0*	17	3.7*
PASADENA	5	3.5*	13	9.1*	8	5.6*	19	13.1	6	4.1*	1	0.7*	7	5.0*	5	3.6*	5	3.6*
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	15	0.5*	17	0.5*	11	0.3*	20	0.6	18	0.6*	14	0.4*	25	0.8	30	1.0	18	0.6*
PLACER	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	8	0.3*	5	0.2*	6	0.2*
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	3	0.1*	4	0.2*	1	0.0*	4	0.2*
SAN DIEGO	1	0.0*	0	-	2	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	2	0.1*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	2	0.2*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever

Typhus Fever, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	81	95	98	165	139	108	210	216	172	
JANUARY	6	2	2	3	6	8	4	8	14	
FEBRUARY	2	4	4	5	4	1	6	11	1	
MARCH	4	1	2	2	6	2	10	12	7	
APRIL	5	2	4	9	3	4	8	6	6	
MAY	8	4	16	14	9	4	20	25	9	
JUNE	16	13	11	15	20	7	22	18	18	
JULY	11	14	11	27	16	13	26	20	18	
AUGUST	10	12	13	24	23	12	22	30	23	
SEPTEMBER	4	15	7	22	12	19	26	30	21	
OCTOBER	9	10	12	19	15	15	18	19	20	
NOVEMBER	5	9	5	14	18	15	28	24	20	
DECEMBER	1	9	11	11	7	8	20	13	15	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhus Fever, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	81	0.2	95	0.2	98	0.2	165	0.4	139	0.4	108	0.3	210	0.5	216	0.6	172	0.4
FEMALE	33	0.2	43	0.2	45	0.2	62	0.3	54	0.3	50	0.3	83	0.4	95	0.5	79	0.4
MALE	48	0.2	52	0.3	53	0.3	103	0.5	85	0.4	58	0.3	127	0.7	121	0.6	93	0.5

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	81	0.2	95	0.2	98	0.2	165	0.4	139	0.4	108	0.3	210	0.5	216	0.6	172	0.4
0	0	-	0	-	0	-	0	-	3	0.7*	0	-	0	-	0	-	1	0.2*
1-4	1	0.1*	1	0.1*	2	0.1*	2	0.1*	0	-	3	0.2*	4	0.2*	1	0.1*	1	0.1*
5-9	1	0.0*	5	0.2*	4	0.2*	7	0.3*	3	0.1*	5	0.2*	3	0.1*	4	0.2*	3	0.1*
10-14	3	0.1*	6	0.2*	4	0.2*	8	0.3*	5	0.2*	9	0.3*	20	0.8	21	0.8	12	0.5*
15-24	6	0.1*	13	0.2*	16	0.3*	14	0.3*	22	0.4	5	0.1*	25	0.5	24	0.4	24	0.4
25-34	9	0.2*	14	0.3*	13	0.2*	25	0.5	15	0.3*	16	0.3*	29	0.5	38	0.7	21	0.4
35-44	19	0.4	19	0.4	14	0.3*	26	0.5	22	0.4	22	0.4	27	0.5	38	0.8	33	0.7
45-54	20	0.4	14	0.3*	21	0.4	35	0.7	20	0.4	19	0.4	36	0.8	34	0.7	28	0.6
55-64	13	0.3*	10	0.2*	15	0.3*	23	0.5	32	0.6	13	0.3*	37	0.8	27	0.6	26	0.6
65+	6	0.1*	13	0.2*	9	0.2*	25	0.4	16	0.3*	15	0.2*	29	0.4	29	0.4	23	0.3
UNKNOWN	3	-	0	-	0	-	0	-	1	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

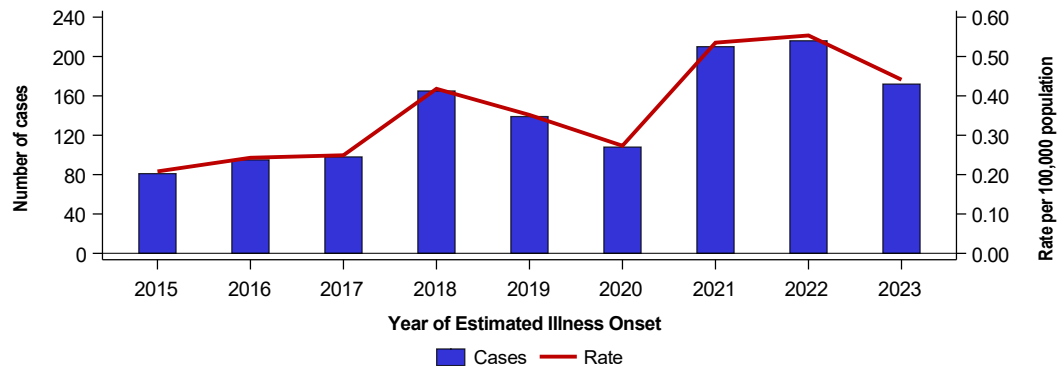
*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever, Cases by Race/Ethnicity, California, 2015-2023

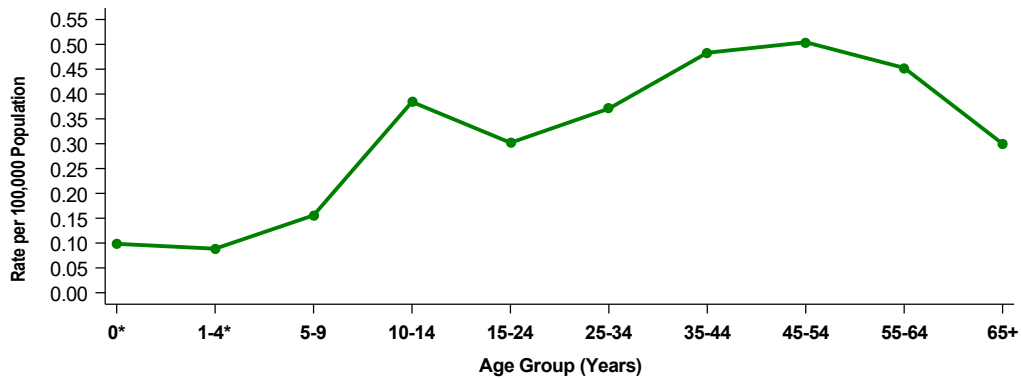
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	81	95	98	165	139	108	210	216	172	
WHITE, NON-HISPANIC	35	41	38	75	44	40	59	47	41	
HISPANIC/LATINO	28	28	41	54	64	49	94	119	89	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	3	6	6	12	11	4	21	11	18	
BLACK, NON-HISPANIC	5	3	2	6	7	5	14	12	7	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	1	2	0	0	0	1	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	1	0	0	0	2	
OTHER, NON-HISPANIC	2	6	3	5	2	3	17	17	9	
UNKNOWN	8	11	8	12	8	7	5	10	5	

For inclusion/exclusion criteria, please refer to the Technical Notes.

Typhus Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023

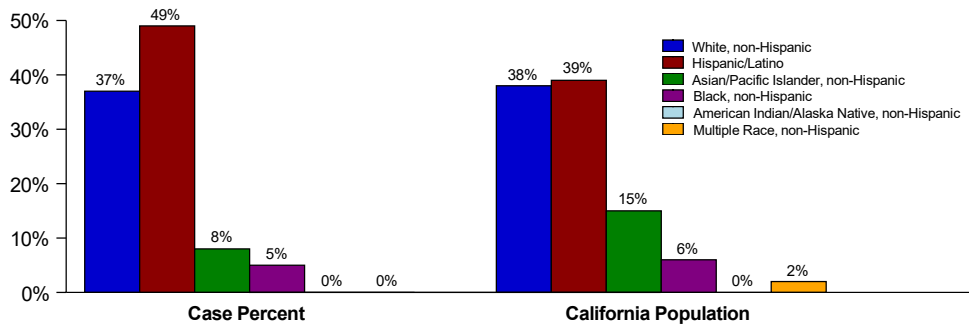


Typhus Fever Average Incidence Rates by Age Group, California, 2015-2023



*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever Cases and Population by Race/Ethnicity, California, 2015-2023



5.8% (n=74) of reported incidents of Typhus Fever did not identify race/ethnicity and 5% (n=64) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)

No cases of Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses) were reported to CDPH with illness onset during 2015-2023

Yellow Fever

No cases of Yellow Fever were reported to CDPH with illness onset during 2015-2023

Yersiniosis

Yersiniosis, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	127	0.3	202	0.5	275	0.7	284	0.7	339	0.9	278	0.7	378	1.0	555	1.4	844	2.2
ALAMEDA COUNTY TOTAL	7	0.4*	7	0.4*	8	0.5*	6	0.4*	5	0.3*	7	0.4*	10	0.6*	20	1.2	34	2.1
ALAMEDA	7	0.5*	6	0.4*	7	0.5*	6	0.4*	5	0.3*	7	0.5*	9	0.6*	14	0.9*	32	2.1
BERKELEY	0	-	1	0.8*	1	0.8*	0	-	0	-	0	-	1	0.8*	6	4.8*	2	1.6*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.6*	0	-	0	-	0	-	0	-	1	2.5*	0	-
BUTTE	1	0.4*	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	1	0.5*
CALAVERAS	1	2.2*	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	2.2*
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	1	0.1*	5	0.4*	6	0.5*	13	1.1*	11	1.0*	39	3.4
DEL NORTE	1	3.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.8*
EL DORADO	0	-	1	0.5*	0	-	0	-	0	-	4	2.1*	1	0.5*	1	0.5*	3	1.6*
FRESNO	7	0.7*	11	1.1*	8	0.8*	9	0.9*	3	0.3*	1	0.1*	8	0.8*	11	1.1*	9	0.9*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	1	0.7*	3	2.2*	0	-	0	-	7	5.2*	4	3.0*
IMPERIAL	0	-	0	-	0	-	0	-	5	2.8*	5	2.8*	5	2.8*	11	6.1*	7	3.9*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.3*	1	5.3*
KERN	2	0.2*	0	-	1	0.1*	10	1.1*	6	0.7*	8	0.9*	8	0.9*	7	0.8*	37	4.1
KINGS	0	-	1	0.7*	0	-	1	0.7*	0	-	1	0.7*	1	0.7*	7	4.6*	3	2.0*
LAKE	0	-	4	6.0*	1	1.5*	2	2.9*	2	2.9*	2	3.0*	1	1.5*	2	3.0*	1	1.5*
LASSEN	0	-	1	3.1*	0	-	0	-	1	3.0*	1	3.2*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	20	0.2	44	0.4	70	0.7	89	0.9	67	0.7	54	0.5	109	1.1	133	1.4	196	2.0
LOS ANGELES	19	0.2	39	0.4	65	0.7	82	0.9	62	0.6	53	0.6	101	1.1	121	1.3	172	1.9
LONG BEACH	1	0.2*	4	0.8*	5	1.1*	7	1.5*	5	1.1*	1	0.2*	6	1.3*	7	1.5*	19	4.1
PASADENA	0	-	1	0.7*	0	-	0	-	0	-	0	-	2	1.4*	5	3.6*	5	3.6*
MADERA	0	-	1	0.7*	0	-	1	0.6*	0	-	0	-	0	-	1	0.6*	1	0.6*
MARIN	1	0.4*	3	1.1*	3	1.1*	4	1.5*	2	0.8*	3	1.1*	3	1.2*	1	0.4*	5	2.0*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.9*	1	5.9*
MENDOCINO	1	1.1*	1	1.1*	1	1.1*	0	-	2	2.2*	3	3.3*	4	4.4*	5	5.6*	7	7.9*
MERCED	0	-	0	-	0	-	0	-	3	1.1*	0	-	0	-	1	0.4*	2	0.7*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	11.5*
MONO	0	-	0	-	0	-	0	-	0	-	0	-	1	7.5*	0	-	0	-
MONTEREY	1	0.2*	2	0.5*	2	0.5*	2	0.5*	10	2.3*	13	3.0*	9	2.1*	10	2.3*	8	1.8*
NAPA	0	-	1	0.7*	4	2.9*	0	-	2	1.4*	0	-	0	-	1	0.7*	3	2.2*
NEVADA	0	-	0	-	0	-	1	1.0*	0	-	1	1.0*	1	1.0*	0	-	2	2.0*
ORANGE	14	0.4*	22	0.7	15	0.5*	12	0.4*	36	1.1	26	0.8	25	0.8	55	1.7	70	2.2
PLACER	1	0.3*	0	-	0	-	0	-	1	0.2*	1	0.2*	3	0.7*	0	-	5	1.2*
PLUMAS	0	-	0	-	0	-	0	-	1	5.0*	0	-	0	-	1	5.2*	0	-
RIVERSIDE	7	0.3*	8	0.3*	9	0.4*	9	0.4*	16	0.7*	9	0.4*	18	0.7*	36	1.5	70	2.9
SACRAMENTO	5	0.3*	6	0.4*	1	0.1*	2	0.1*	14	0.9*	7	0.4*	15	0.9*	11	0.7*	15	1.0*
SAN BENITO	0	-	0	-	0	-	4	6.5*	3	4.7*	0	-	2	3.1*	2	3.0*	7	10.5*
SAN BERNARDINO	1	0.0*	3	0.1*	2	0.1*	9	0.4*	3	0.1*	3	0.1*	2	0.1*	8	0.4*	8	0.4*
SAN DIEGO	12	0.4*	14	0.4*	61	1.9	32	1.0	53	1.6	29	0.9	22	0.7	50	1.5	82	2.5
SAN FRANCISCO	6	0.7*	4	0.5*	10	1.2*	4	0.5*	7	0.8*	6	0.7*	11	1.3*	13	1.6*	22	2.6
SAN JOAQUIN	2	0.3*	0	-	1	0.1*	2	0.3*	1	0.1*	2	0.3*	3	0.4*	6	0.8*	4	0.5*
SAN LUIS OBISPO	2	0.7*	1	0.4*	4	1.4*	3	1.1*	5	1.8*	1	0.4*	6	2.2*	4	1.4*	14	5.0*
SAN MATEO	6	0.8*	3	0.4*	15	2.0*	11	1.4*	11	1.4*	10	1.3*	14	1.9*	21	2.8	16	2.2*
SANTA BARBARA	5	1.1*	15	3.4*	6	1.3*	9	2.0*	6	1.3*	7	1.6*	12	2.7*	18	4.1*	18	4.0*
SANTA CLARA	4	0.2*	19	1.0	22	1.1	28	1.4	25	1.3	35	1.8	31	1.6	36	1.9	56	3.0
SANTA CRUZ	0	-	1	0.4*	0	-	2	0.7*	2	0.7*	0	-	4	1.5*	5	1.9*	6	2.3*
SHASTA	0	-	2	1.1*	3	1.7*	2	1.1*	1	0.6*	2	1.1*	3	1.6*	2	1.1*	4	2.2*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.3*	1	2.3*	0	-	0	-	0	-	0	-	1	2.3*
SOLANO	2	0.5*	1	0.2*	0	-	0	-	2	0.4*	5	1.1*	4	0.9*	1	0.2*	0	-
SONOMA	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*	1	0.2*	6	1.2*	7	1.5*
STANISLAUS	0	-	3	0.6*	1	0.2*	2	0.4*	0	-	2	0.4*	0	-	3	0.5*	5	0.9*
SUTTER	2	2.1*	1	1.0*	0	-	0	-	1	1.0*	0	-	2	2.0*	0	-	1	1.0*
TEHAMA	2	3.1*	1	1.6*	0	-	0	-	0	-	1	1.5*	1	1.5*	0	-	3	4.6*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	6.3*
TULARE	0	-	1	0.2*	3	0.6*	5	1.1*	5	1.1*	7	1.5*	9	1.9*	19	4.0	23	4.8
TUOLUMNE	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	11	1.3*	17	2.0*	21	2.5	19	2.2	23	2.7	10	1.2*	14	1.7*	26	3.1	37	4.5
YOLO	1	0.5*	0	-	0	-	0	-	3	1.4*	5	2.3*	1	0.5*	0	-	2	0.9*
YUBA	1	1.3*	0	-	0	-	0	-	2	2.5*	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis

Yersiniosis, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
TOTAL	127	202	275	284	339	278	378	555	844
JANUARY	10	19	20	21	25	39	21	39	67
FEBRUARY	6	12	15	24	20	20	22	28	51
MARCH	8	16	22	21	26	34	25	47	57
APRIL	13	15	27	24	35	19	35	42	66
MAY	8	10	19	30	31	17	42	55	73
JUNE	11	14	27	20	30	18	40	47	82
JULY	10	28	21	27	35	25	33	53	97
AUGUST	9	19	31	21	38	32	39	64	76
SEPTEMBER	11	14	25	21	23	21	39	64	79
OCTOBER	14	21	21	28	26	20	20	40	62
NOVEMBER	10	18	24	20	29	24	32	34	62
DECEMBER	17	16	23	27	21	9	30	42	72

For inclusion/exclusion criteria, please refer to the Technical Notes.

Yersiniosis, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	127	0.3	202	0.5	275	0.7	284	0.7	339	0.9	278	0.7	378	1.0	555	1.4	844	2.2
FEMALE	74	0.4	112	0.6	142	0.7	149	0.8	154	0.8	148	0.7	188	1.0	298	1.5	477	2.4
MALE	53	0.3	90	0.5	131	0.7	134	0.7	184	0.9	129	0.7	189	1.0	255	1.3	362	1.9
UNKNOWN	0	-	0	-	2	-	1	-	1	-	1	-	1	-	2	-	5	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	127	0.3	202	0.5	275	0.7	284	0.7	339	0.9	278	0.7	378	1.0	555	1.4	844	2.2
0	6	1.2*	12	2.5*	4	0.8*	6	1.3*	11	2.4*	12	2.7*	3	0.7*	9	2.1*	17	4.1*
1-4	10	0.5*	26	1.3	15	0.8*	21	1.1	17	0.9*	15	0.8*	22	1.2	32	1.8	50	3.0
5-9	9	0.4*	5	0.2*	10	0.4*	10	0.4*	11	0.4*	4	0.2*	8	0.3*	20	0.8	19	0.8
10-14	3	0.1*	6	0.2*	8	0.3*	14	0.5*	12	0.5*	3	0.1*	5	0.2*	13	0.5*	12	0.5*
15-24	8	0.1*	15	0.3*	29	0.5	20	0.4	28	0.5	22	0.4	25	0.5	41	0.8	43	0.8
25-34	11	0.2*	11	0.2*	33	0.6	27	0.5	32	0.6	28	0.5	55	1.0	65	1.2	77	1.4
35-44	8	0.2*	15	0.3*	29	0.6	24	0.5	30	0.6	21	0.4	33	0.7	51	1.0	97	2.0
45-54	20	0.4	20	0.4	28	0.5	32	0.6	39	0.8	31	0.6	32	0.7	55	1.2	93	2.0
55-64	22	0.5	26	0.5	40	0.8	45	0.9	53	1.1	32	0.7	59	1.2	79	1.7	127	2.7
65+	30	0.6	66	1.2	79	1.4	85	1.4	105	1.7	110	1.7	135	2.1	190	2.8	309	4.5
UNKNOWN	0	-	0	-	0	-	0	-	1	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 age group population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

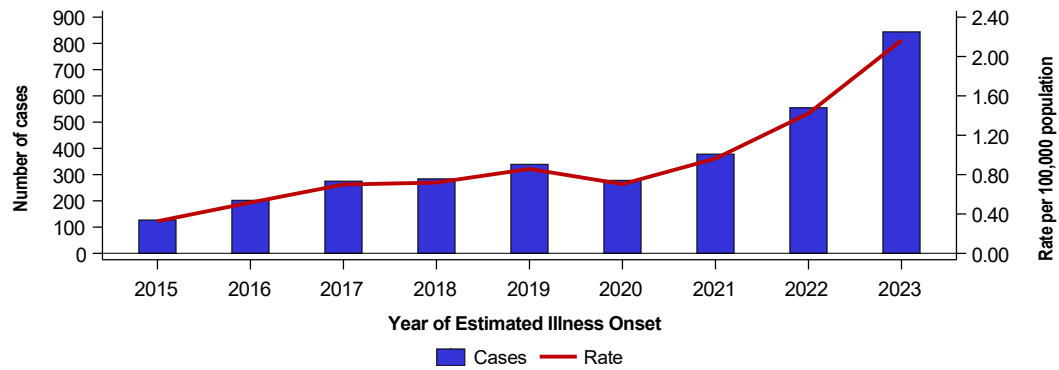
*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis, Cases by Race/Ethnicity, California, 2015-2023

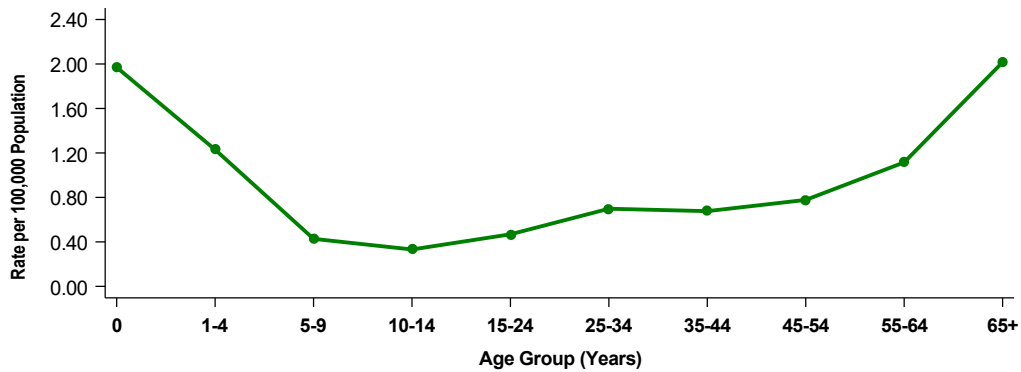
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	127	202	275	284	339	278	378	555	844	
WHITE, NON-HISPANIC	59	76	100	113	116	113	146	265	390	
HISPANIC/LATINO	17	39	38	49	37	34	78	89	170	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	12	24	29	28	36	24	28	41	69	
BLACK, NON-HISPANIC	4	6	8	13	9	8	12	17	22	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	0	0	0	1	0	1	2	2	
MULTIPLE RACE, NON-HISPANIC	0	3	2	3	0	3	4	3	4	
OTHER, NON-HISPANIC	1	2	5	10	20	9	15	27	40	
UNKNOWN	33	52	93	68	120	87	94	111	147	

For inclusion/exclusion criteria, please refer to the Technical Notes.

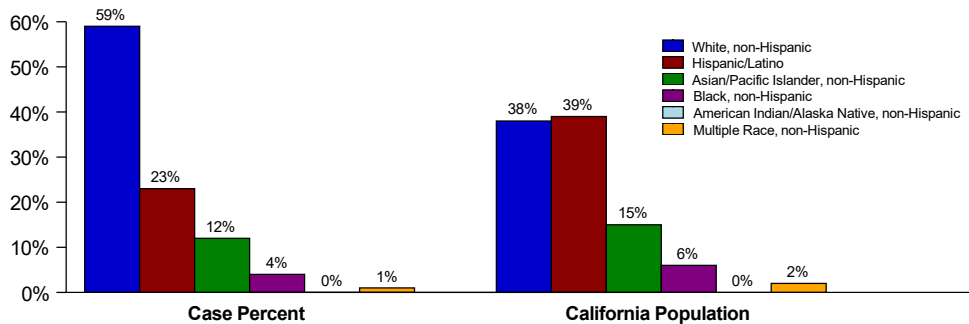
Yersiniosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2015-2023



Yersiniosis Average Incidence Rates by Age Group, California, 2015-2023



Yersiniosis Cases and Population by Race/Ethnicity, California, 2015-2023



24.5% (n=805) of reported incidents of Yersiniosis did not identify race/ethnicity and 3.9% (n=129) of reported incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.

Zika Virus Infection

Zika Virus Infection, Cases and Rates by Health Jurisdiction, California, 2015-2023

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	-	-	427	-	124	0.3	66	0.2	41	0.1	8	0.0*	2	0.0*	5	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	-	-	30	-	10	0.6*	7	0.4*	2	0.1*	1	0.1*	0	-	1	0.1*	0	-
ALAMEDA	-	-	27	-	7	0.5*	5	0.3*	2	0.1*	1	0.1*	0	-	1	0.1*	0	-
BERKELEY	-	-	3	-	3	2.5*	2	1.6*	0	-	0	-	0	-	0	-	0	-
ALPINE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	-	-	2	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	-	-	22	-	4	0.3*	2	0.2*	3	0.3*	0	-	0	-	0	-	0	-
DEL NORTE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	-	-	7	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	-	-	2	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	-	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-
INYO	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	-	-	5	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	-	-	92	-	21	0.2	17	0.2*	7	0.1*	2	0.0*	0	-	2	0.0*	0	-
LOS ANGELES	-	-	85	-	21	0.2	13	0.1*	7	0.1*	2	0.0*	0	-	2	0.0*	0	-
LONG BEACH	-	-	6	-	0	-	3	0.6*	0	-	0	-	0	-	0	-	0	-
PASADENA	-	-	1	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
MADERA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	-	-	7	-	1	0.4*	0	-	0	-	0	-	1	0.4*	0	-	0	-
MARIPOSA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	-	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	-	-	1	-	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-
MODOC	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	-	-	5	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	-	-	24	-	11	0.3*	4	0.1*	5	0.2*	1	0.0*	0	-	0	-	0	-
PLACER	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	-	-	11	-	4	0.2*	1	0.0*	2	0.1*	0	-	0	-	0	-	1	0.0*
SACRAMENTO	-	-	8	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	2	0.1*
SAN BENITO	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	-	-	15	-	7	0.3*	0	-	3	0.1*	3	0.1*	0	-	0	-	0	-
SAN DIEGO	-	-	69	-	20	0.6	8	0.2*	7	0.2*	0	-	0	-	1	0.0*	0	-
SAN FRANCISCO	-	-	25	-	9	1.0*	10	1.1*	3	0.3*	1	0.1*	1	0.1*	1	0.1*	0	-
SAN JOAQUIN	-	-	5	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	-	-	9	-	3	0.4*	5	0.7*	2	0.3*	0	-	0	-	0	-	0	-
SANTA BARBARA	-	-	8	-	2	0.4*	1	0.2*	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	-	-	34	-	13	0.7*	7	0.4*	3	0.2*	0	-	0	-	0	-	0	-
SANTA CRUZ	-	-	3	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	-	-	2	-	2	0.4*	0	-	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	-	-	10	-	7	1.4*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-
STANISLAUS	-	-	3	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	-	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	-	-	4	-	2	0.4*	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	-	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	-	-	9	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
YOLO	-	-	4	-	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-	0	-
YUBA	-	-	2	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 jurisdiction population per year.

For inclusion/exclusion criteria, please refer to the Technical Notes.

*Potentially unreliable rate: relative standard error 23 percent or more.

Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection

Zika Virus Infection, Cases by Month of Estimated Illness Onset, California, 2015-2023

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	-	427	124	66	41	8	2	5	3	
JANUARY	-	-	17	7	2	0	0	0	0	
FEBRUARY	-	-	8	6	9	3	0	0	0	
MARCH	-	-	9	3	3	0	0	2	0	
APRIL	-	-	10	4	5	0	1	0	0	
MAY	-	-	17	7	3	0	0	0	0	
JUNE	-	34	9	4	2	1	0	1	0	
JULY	-	113	10	5	4	0	0	2	1	
AUGUST	-	117	10	6	5	1	1	0	0	
SEPTEMBER	-	47	8	4	4	0	0	0	0	
OCTOBER	-	47	12	12	4	3	0	0	1	
NOVEMBER	-	39	11	3	0	0	0	0	0	
DECEMBER	-	30	3	5	0	0	0	0	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases and Rates by Sex, California, 2015-2023

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	427	-	124	0.3	66	0.2	41	0.1	8	0.0*	2	0.0*	5	0.0*	3	0.0*
FEMALE	-	-	277	-	96	0.5	54	0.3	34	0.2	7	0.0*	1	0.0*	4	0.0*	2	0.0*
MALE	-	-	150	-	28	0.1	12	0.1*	7	0.0*	1	0.0*	1	0.0*	1	0.0*	1	0.0*

Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases and Rates by Age Group, California, 2015-2023

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2015		2016		2017		2018		2019		2020		2021		2022		2023	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	427	-	124	0.3	66	0.2	41	0.1	8	0.0*	2	0.0*	5	0.0*	3	0.0*
0	-	-	3	-	10	2.1*	3	0.7*	0	-	0	-	0	-	1	0.2*	0	-
1-4	-	-	1	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
5-9	-	-	6	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
10-14	-	-	12	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
15-24	-	-	74	-	25	0.5	11	0.2*	10	0.2*	0	-	0	-	0	-	0	-
25-34	-	-	98	-	47	0.9	28	0.5	17	0.3*	4	0.1*	0	-	2	0.0*	1	0.0*
35-44	-	-	96	-	23	0.4	16	0.3*	9	0.2*	4	0.1*	2	0.0*	0	-	1	0.0*
45-54	-	-	73	-	9	0.2*	3	0.1*	2	0.0*	0	-	0	-	2	0.0*	0	-
55-64	-	-	37	-	4	0.1*	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*
65+	-	-	24	-	4	0.1*	5	0.1*	1	0.0*	0	-	0	-	0	-	0	-
UNKNOWN	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

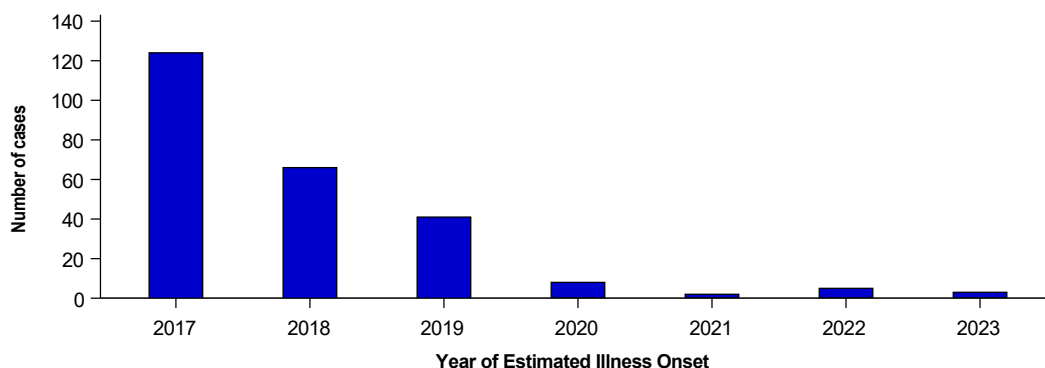
Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases by Race/Ethnicity, California, 2015-2023

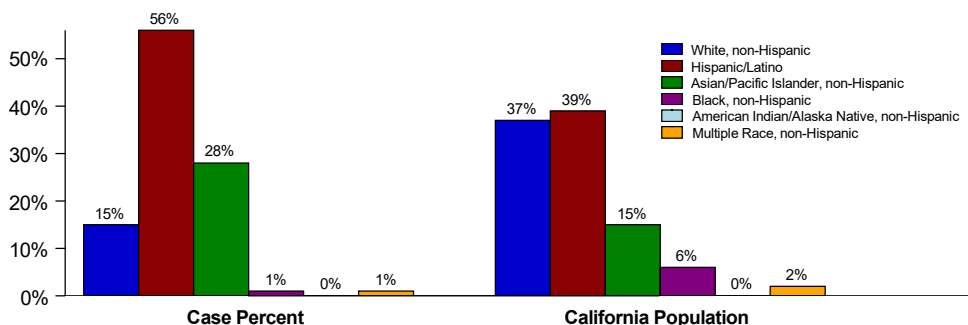
RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
TOTAL	-	427	124	66	41	8	2	5	3	
WHITE, NON-HISPANIC	-	82	16	3	0	0	1	1	1	
HISPANIC/LATINO	-	196	54	17	8	1	1	1	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	21	15	14	10	1	0	2	0	
BLACK, NON-HISPANIC	-	6	1	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	1	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	3	0	1	0	0	0	0	0	
OTHER, NON-HISPANIC	-	4	4	4	0	2	0	1	0	
UNKNOWN	-	114	34	27	23	4	0	0	1	

For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection Cases by Year of Estimated Illness Onset, California, 2017-2023



Zika Virus Infection Cases and Population by Race/Ethnicity, California, 2017-2023



35.7% (n=89) of reported incidents of Zika Virus Infection did not identify race/ethnicity and 4.4% (n=11) of incidents identified as 'Other' race/ethnicity and are not included in the Case Percent calculation. Information presented with a large percentage of missing data should be interpreted with caution.



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