

**CDPH INFECTIOUS DISEASES BRANCH (IDB)
YEARLY SUMMARIES OF SELECTED COMMUNICABLE
DISEASES IN CALIFORNIA, 2012–2020**

**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 2012-2020 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, 2012 – 2020: 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, 2012-2020--are incident cases of communicable diseases that had an estimated illness onset date from January 1, 2012 through December 31, 2020. These data were extracted from California Confidential Morbidity Reports that were submitted to CDPH by September 20, 2021 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.

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, 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, 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, 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: amebiasis, 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), 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, 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 2012–2020 Summaries, we used State of California, Department of Finance (DOF) postcensal population projections and estimates.^{4, 5}

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 (including male to female transgender), Male (including female to male transgender), and Unknown.

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).⁶

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:

Tables:

- *Cases and IRs by health jurisdiction*
- *Cases by month of estimated illness onset*
- *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. began in 2020. For instance, the pandemic may have led to decreased transmission 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 (2012–2020), 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.

Because race/ethnicity information was missing or incomplete for 29 percent of all 2012-2020 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.

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 in California by Year of Estimated Illness Onset, 2012-2020*
- *Cases and Rates by Local Health Jurisdiction and Year of Estimated Illness Onset, California, 2012-2020*
- *Cases by Month of Estimated Illness Onset, California, 2012-2020*
- *Cases and Rates by Sex, California, 2012-2020*
- *Cases and Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020*
- *Cases by Race/Ethnicity and Year of Estimated Illness Onset, California, 2012-2020*
- *Average Incidence Rates by Age Group, California, 2012-2020*
- *Case and Population Percent by Race/Ethnicity, California, 2012-2020*
- *Case Number and Percent with 'Other' or Unknown Race/Ethnicity, California, 2012-2020*

References

¹ [California Code of Regulations, Title 17, Section 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 in late 2017 and is not including WNV data in this report. For [human WNV data from 2003 onward](#), please see: https://westnile.ca.gov/resources_reports.php?report_category_id=1.

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

<https://ndc.services.cdc.gov/>

⁴ State of California, Department of Finance, P-3 State and County Population Projections by Race/Ethnicity and Detailed Age, 2010–2060. Sacramento, California, July 2021.

⁵ State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011–2021, with 2010 Census Benchmark. Sacramento, California, May 2021.

⁶ 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

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Anaplasmosis

Anaplasmosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4	0.0*	8	0.0*	5	0.0*	4	0.0*	6	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	1	0.8*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	0	-	1	0.7*
IMPERIAL	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	1	3.3*	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	2	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-	2	0.8*	1	0.4*
MARIPOSA	0	-	0	-	1	5.5*	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	2	2.3*
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	1	0.7*	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	3	0.4*	2	0.2*	0	-	1	0.1*	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	1	0.4*	1	0.4*	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	3	0.7*	0	-	0	-	2	0.4*
SANTA CLARA	0	-	0	-	1	0.1*	0	-	1	0.1*
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	0	-	1	0.2*	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	1	0.1*	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4	8	5	4	6	8	7	6	7	
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	2	0	0	0	0	0	0	0	
MAY	1	1	1	1	0	2	1	0	3	
JUNE	1	2	1	1	2	3	2	3	1	
JULY	1	1	0	1	2	1	0	2	2	
AUGUST	1	1	0	0	1	1	3	1	1	
SEPTEMBER	0	0	0	0	0	0	1	0	0	
OCTOBER	0	1	0	0	0	1	0	0	0	
NOVEMBER	0	0	1	1	0	0	0	0	0	
DECEMBER	0	0	2	0	1	0	0	0	0	

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

Anaplasmosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	8	0.0*	5	0.0*	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	7	0.0*
FEMALE	2	0.0*	2	0.0*	3	0.0*	3	0.0*	5	0.0*	4	0.0*	3	0.0*	1	0.0*	1	0.0*
MALE	2	0.0*	6	0.0*	2	0.0*	1	0.0*	1	0.0*	4	0.0*	4	0.0*	5	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.

Anaplasmosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	8	0.0*	5	0.0*	4	0.0*	6	0.0*	8	0.0*	7	0.0*	6	0.0*	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	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
15-24	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
25-34	1	0.0*	2	0.0*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-
35-44	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-
45-54	0	-	0	-	2	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-	2	0.0*
55-64	1	0.0*	3	0.1*	0	-	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*	0	-
65+	1	0.0*	1	0.0*	1	0.0*	4	0.1*	1	0.0*	3	0.1*	1	0.0*	3	0.0*	4	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.

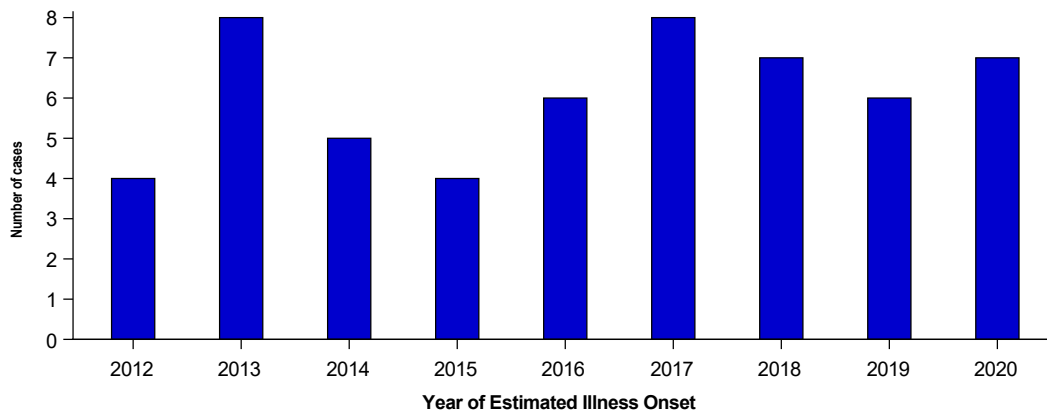
*Potentially unreliable rate: relative standard error 23 percent or more.

Anaplasmosis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4	8	5	4	6	8	7	6	7	
WHITE, NON-HISPANIC	2	4	1	2	0	2	3	5	5	
HISPANIC/LATINO	0	1	0	0	0	0	0	0	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	0	0	0	1	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	1	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	1	0	0	
UNKNOWN	1	3	4	2	5	5	2	1	0	

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

Anaplasmosis Cases by Year of Estimated Illness Onset, California, 2012-2020



Anthrax

No cases of Anthrax were reported to CDPH with illness onset during 2012-2020

Babesiosis

Babesiosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4	0.0*	3	0.0*	2	0.0*	6	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	2	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	2	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	1	0.0*	3	0.0*	1	0.0*
LOS ANGELES	0	-	0	-	1	0.0*	2	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	1	0.4*	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	1	0.1*	2	0.1*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-
SONOMA	2	0.4*	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-	1	0.5*	0	-
YUBA	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4	3	2	6	5	6	7	5	1	
JANUARY	0	0	0	0	0	0	1	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	
APRIL	1	0	0	0	0	1	0	0	0	
MAY	1	0	0	0	0	0	1	1	0	
JUNE	0	1	0	1	1	1	1	0	0	
JULY	0	2	1	2	2	4	4	2	0	
AUGUST	0	0	1	3	1	0	0	1	1	
SEPTEMBER	1	0	0	0	0	0	1	1	0	
OCTOBER	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	1	0	0	0	0	
DECEMBER	1	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	3	0.0*	2	0.0*	6	0.0*	5	0.0*	6	0.0*	7	0.0*	5	0.0*	1	0.0*
FEMALE	1	0.0*	0	-	2	0.0*	0	-	2	0.0*	3	0.0*	4	0.0*	3	0.0*	0	-
MALE	3	0.0*	3	0.0*	0	-	6	0.0*	3	0.0*	3	0.0*	3	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.

Babesiosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	3	0.0*	2	0.0*	6	0.0*	5	0.0*	6	0.0*	7	0.0*	5	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	-	1	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	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
35-44	1	0.0*	0	-	0	-	1	0.0*	0	-	2	0.0*	1	0.0*	0	-	0	-
45-54	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
55-64	1	0.0*	0	-	0	-	2	0.0*	3	0.1*	0	-	1	0.0*	1	0.0*	0	-
65+	2	0.0*	3	0.1*	1	0.0*	3	0.1*	1	0.0*	3	0.1*	3	0.1*	3	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.

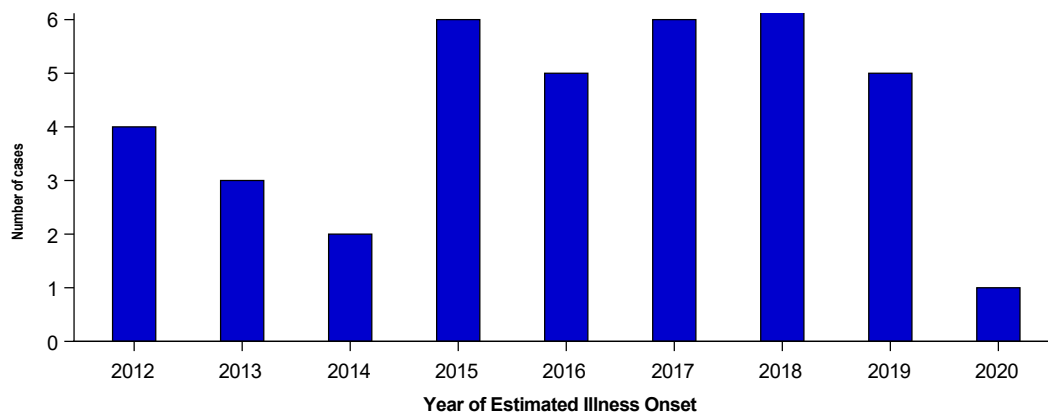
*Potentially unreliable rate: relative standard error 23 percent or more.

Babesiosis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4	3	2	6	5	6	7	5	1	
WHITE, NON-HISPANIC	2	1	1	3	4	3	3	2	1	
HISPANIC/LATINO	0	1	0	0	0	0	2	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	0	0	2	0	1	0	2	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	1	0	
UNKNOWN	1	1	1	1	1	2	2	0	0	

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

Babesiosis Cases by Year of Estimated Illness Onset, California, 2012-2020



Botulism, Foodborne

Botulism, Foodborne, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	1	0.0*	0		1	0.0*	5	0.0*	15	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	-	1	4.5*	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	-	0	-	0	-
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	-	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*	0	-	0		0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	2	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		1	0.2*	0	-	0	-	0	-	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	-	0		0	-	0	-	2	0.1*	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	-	1	0.0*	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0		0	-	0	-	4	0.3*	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		0	-	0	-	4	0.5*	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	-	2	0.1*	0	-	0	-	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	-	1	0.2*	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*	1	0.2*	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	-	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	3	1	0	1	5	15	0	2	0	
JANUARY	2	0	0	0	0	0	0	1	0	
FEBRUARY	0	0	0	0	0	1	0	0	0	
MARCH	0	0	0	0	0	1	0	0	0	
APRIL	0	0	0	1	1	9	0	0	0	
MAY	1	0	0	0	0	3	0	0	0	
JUNE	0	0	0	0	1	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	1	0	1	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	2	0	0	0	0	
NOVEMBER	0	1	0	0	1	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	1	0.0*	0	-	1	0.0*	5	0.0*	15	0.0*	0	-	2	0.0*	0	-
FEMALE	2	0.0*	1	0.0*	0	-	0	-	3	0.0*	7	0.0*	0	-	1	0.0*	0	-
MALE	1	0.0*	0	-	0	-	1	0.0*	2	0.0*	8	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, Foodborne, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	1	0.0*	0	-	1	0.0*	5	0.0*	15	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	2	0.0*	0	-	0	-	0	-	0	-	3	0.1*	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-
35-44	0	-	1	0.0*	0	-	0	-	0	-	4	0.1*	0	-	0	-	0	-
45-54	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	2	0.0*	2	0.0*	0	-	0	-	0	-
65+	0	-	0	-	0	-	1	0.0*	3	0.1*	4	0.1*	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.

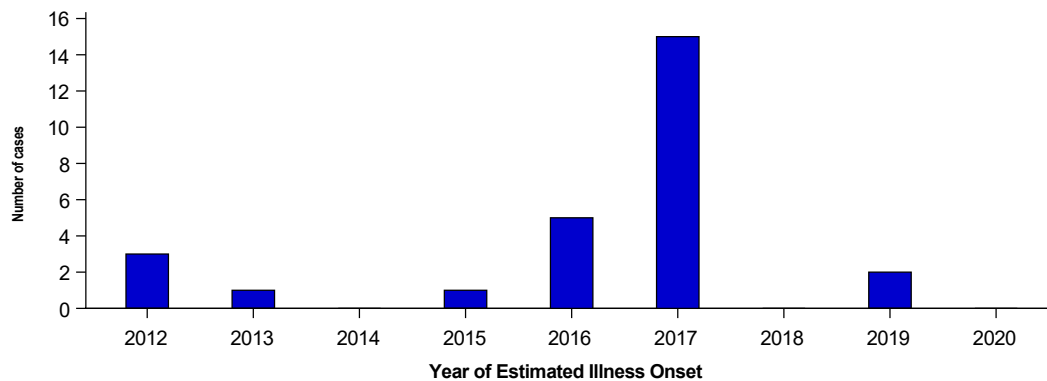
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Foodborne, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	3	1	0	1	5	15	0	2	0	
WHITE, NON-HISPANIC	2	0	0	0	2	0	0	1	0	
HISPANIC/LATINO	1	1	0	0	0	8	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	1	3	4	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	1	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	0	0	2	0	1	0	

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

Botulism, Foodborne Cases by Year of Estimated Illness Onset, California, 2012-2020



Botulism, Wound

Botulism, Wound, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	14	0.0*	26	0.1	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	3	0.2*	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	3	0.2*	1	0.1*	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	-	1	0.4*	0	-	2	1.0*
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	-	1	0.1*	0	-	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	2	0.2*	0	-	1	0.1*	0	-	3	0.3*	2	0.2*	3	0.3*	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	1.5*
IMPERIAL	1	0.6*	0	-	0	-	0	-	0	-	0	-	2	1.1*	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	2	0.2*	1	0.1*	1	0.1*
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*	4	0.0*	1	0.0*	2	0.0*	6	0.1*	1	0.0*	8	0.1*	6	0.1*	9	0.1*
LOS ANGELES	1	0.0*	4	0.0*	1	0.0*	2	0.0*	6	0.1*	1	0.0*	8	0.1*	6	0.1*	9	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	-	1	0.6*	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	-	1	1.1*	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	0	-	0	-	3	0.1*	3	0.1*	3	0.1*	1	0.0*	1	0.0*	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	1	0.0*	0	-	2	0.1*	2	0.1*	3	0.1*	3	0.1*	3	0.1*	2	0.1*	2	0.1*
SACRAMENTO	1	0.1*	1	0.1*	3	0.2*	0	-	1	0.1*	1	0.1*	4	0.3*	1	0.1*	6	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	3	0.1*	3	0.1*	2	0.1*	3	0.1*	5	0.2*	4	0.2*	7	0.3*	3	0.1*
SAN DIEGO	1	0.0*	0	-	2	0.1*	0	-	0	-	4	0.1*	7	0.2*	2	0.1*	0	-
SAN FRANCISCO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	2	0.2*	0	-
SAN JOAQUIN	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	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	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	2	0.5*	0	-	1	0.2*	1	0.2*	1	0.2*	2	0.4*
SANTA CLARA	1	0.1*	2	0.1*	1	0.1*	0	-	1	0.1*	0	-	3	0.2*	1	0.1*	3	0.2*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	2	0.7*	0	-	0	-	1	0.4*	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	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
SONOMA	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	1	0.2*	2	0.4*	0	-	0	-	3	0.5*	3	0.5*	3	0.5*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	1	1.6*	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	-	1	0.2*	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	1	0.1*	0	-	2	0.2*	1	0.1*	1	0.1*	1	0.1*	3	0.4*	0	-	3	0.4*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
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: The 2014 Santa Clara case was a Santa Clara resident who was diagnosed, treated, and tested out of state.

Botulism, Wound

Botulism, Wound, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	10	14	26	17	26	22	50	30	42	
JANUARY	0	2	2	0	0	1	4	0	4	
FEBRUARY	0	0	2	2	5	1	2	4	0	
MARCH	2	1	2	3	4	0	3	1	1	
APRIL	0	2	5	0	1	1	6	2	3	
MAY	0	2	1	3	4	4	4	1	3	
JUNE	1	2	3	1	4	0	5	2	2	
JULY	3	1	2	2	1	4	2	4	3	
AUGUST	0	0	0	2	0	4	6	2	2	
SEPTEMBER	3	0	2	1	4	3	6	6	3	
OCTOBER	0	1	0	0	1	2	5	5	7	
NOVEMBER	1	2	5	3	0	1	4	1	8	
DECEMBER	0	1	2	0	2	1	3	2	6	

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

Botulism, Wound, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	14	0.0*	26	0.1	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	0.1
FEMALE	1	0.0*	2	0.0*	6	0.0*	3	0.0*	7	0.0*	5	0.0*	14	0.1*	4	0.0*	8	0.0*
MALE	9	0.0*	12	0.1*	20	0.1	14	0.1*	19	0.1	17	0.1*	36	0.2	26	0.1	33	0.2
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.

Botulism, Wound, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	14	0.0*	26	0.1	17	0.0*	26	0.1	22	0.1	50	0.1	30	0.1	42	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	1	0.0*	1	0.0*	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-
25-34	0	-	2	0.0*	6	0.1*	1	0.0*	5	0.1*	3	0.1*	10	0.2*	7	0.1*	9	0.2*
35-44	0	-	1	0.0*	5	0.1*	2	0.0*	4	0.1*	5	0.1*	11	0.2*	6	0.1*	11	0.2*
45-54	6	0.1*	4	0.1*	3	0.1*	3	0.1*	11	0.2*	6	0.1*	13	0.3*	9	0.2*	8	0.2*
55-64	3	0.1*	6	0.1*	8	0.2*	10	0.2*	4	0.1*	5	0.1*	13	0.3*	7	0.1*	14	0.3*
65+	0	-	0	-	1	0.0*	0	-	2	0.0*	2	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.

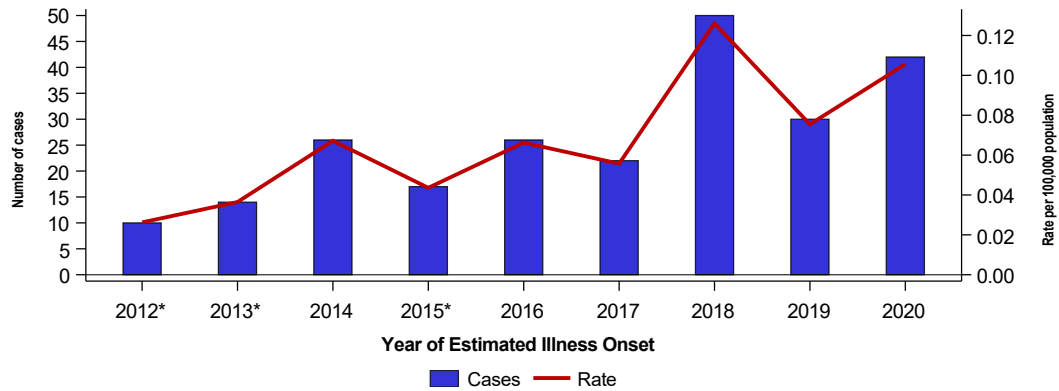
*Potentially unreliable rate: relative standard error 23 percent or more.

Botulism, Wound, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	10	14	26	17	26	22	50	30	42	
WHITE, NON-HISPANIC	3	5	11	4	11	8	22	12	18	
HISPANIC/LATINO	6	8	10	7	10	9	19	8	13	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
BLACK, NON-HISPANIC	0	0	1	0	0	0	2	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	2	2	
UNKNOWN	1	1	4	6	5	5	7	8	8	

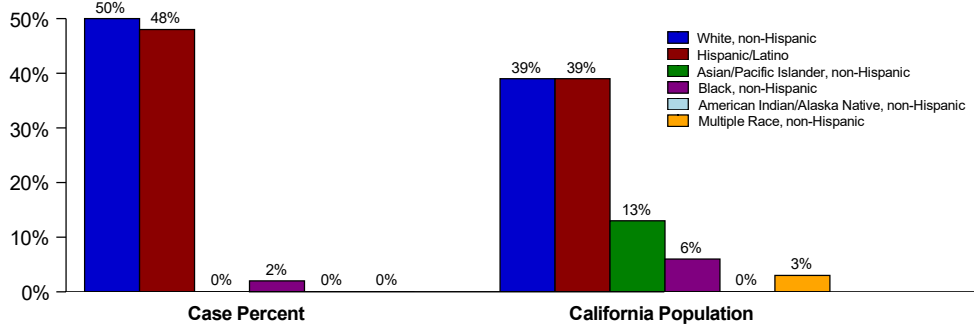
For inclusion/exclusion criteria, please refer to the Technical Notes.

Botulism, Wound Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



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

Botulism, Wound Cases and Population by Race/Ethnicity, California, 2012-2020



19% (n=45) of reported incidents of Botulism, Wound did not identify race/ethnicity and 1.7% (n=4) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	0		1	0.0*	0		0		3	0.0*	0		0		1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	0	-	0	-	0	-	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	1	2.2*	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	-	2	0.0*	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	2	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	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	1	0.3*	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	-	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	-	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	2	0	1	0	0	3	0	0	1	
JANUARY	0	0	0	0	0	0	0	0	0	
FEBRUARY	1	0	0	0	0	0	0	0	0	
MARCH	0	0	1	0	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	1	0	0	1	
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	2	0	0	0	
DECEMBER	1	0	0	0	0	0	0	0	0	

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

Botulism, Other, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	0	-	1	0.0*	0	-	0	-	3	0.0*	0	-	0	-	1	0.0*
FEMALE	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-
MALE	2	0.0*	0	-	1	0.0*	0	-	0	-	1	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.

Botulism, Other, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	0	-	1	0.0*	0	-	0	-	3	0.0*	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	-	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	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*
35-44	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
65+	2	0.0*	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.

Botulism, Other, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	2	0	1	0	0	3	0	0	1	
WHITE, NON-HISPANIC	2	0	1	0	0	2	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	1	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	0	0	
UNKNOWN	0	0	0	0	0	0	0	0	0	

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

Brucellosis

Brucellosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	38	0.1	22	0.1	21	0.1	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	3	0.2*	1	0.1*	2	0.1*	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	2	0.1*	1	0.1*	2	0.1*	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	1	0.8*	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	0.5*	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	1	4.6*	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-	3	0.3*	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	5	0.5*	2	0.2*	1	0.1*	2	0.2*	0	-	2	0.2*	2	0.2*	3	0.3*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	1	0.5*	0	-	0	-	0	-	1	0.5*	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	2	0.2*	5	0.5*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	1	1.5*	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	7	0.1*	8	0.1*	6	0.1*	8	0.1*	5	0.0*	9	0.1*	11	0.1*	10	0.1*	4	0.0*
LOS ANGELES	7	0.1*	8	0.1*	6	0.1*	8	0.1*	5	0.1*	9	0.1*	10	0.1*	9	0.1*	4	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	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	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*
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	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	2	1.4*	0	-	0	-	0	-
NEVADA	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	0	-	2	0.1*	6	0.2*	2	0.1*	2	0.1*	2	0.1*	2	0.1*	2	0.1*
PLACER	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	2	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*
SAN BERNARDINO	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.1*	1	0.0*	1	0.0*	2	0.1*
SAN DIEGO	7	0.2*	1	0.0*	1	0.0*	1	0.0*	3	0.1*	4	0.1*	2	0.1*	1	0.0*	0	-
SAN FRANCISCO	0	-	1	0.1*	0	-	0	-	0	-	0	-	5	0.6*	2	0.2*	1	0.1*
SAN JOAQUIN	2	0.3*	2	0.3*	2	0.3*	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	4	0.9*	0	-	1	0.2*	1	0.2*	0	-	0	-	4	0.9*	1	0.2*	1	0.2*
SANTA CLARA	1	0.1*	0	-	0	-	0	-	2	0.1*	1	0.1*	1	0.1*	2	0.1*	0	-
SANTA CRUZ	1	0.4*	1	0.4*	0	-	0	-	1	0.4*	0	-	2	0.7*	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	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	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	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	2	0.2*	1	0.1*	0	-	1	0.1*	2	0.2*	3	0.4*	0	-
YOLO	4	1.9*	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.

Brucellosis

Brucellosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	38	22	21	33	20	30	38	34	20	
JANUARY	2	2	1	2	2	1	0	3	0	
FEBRUARY	2	0	3	2	3	3	2	2	3	
MARCH	5	2	1	3	5	5	7	2	3	
APRIL	6	2	2	5	3	1	7	4	0	
MAY	4	2	2	5	2	1	6	0	1	
JUNE	4	4	1	3	1	3	3	4	3	
JULY	5	3	1	3	0	5	2	4	3	
AUGUST	3	3	5	1	2	3	3	3	0	
SEPTEMBER	0	1	3	4	2	2	1	2	2	
OCTOBER	3	1	1	3	0	3	1	4	2	
NOVEMBER	1	1	0	2	0	2	2	4	3	
DECEMBER	3	1	1	0	0	1	4	2	0	

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

Brucellosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	38	0.1	22	0.1	21	0.1	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1
FEMALE	17	0.1*	11	0.1*	8	0.0*	17	0.1*	10	0.1*	14	0.1*	18	0.1*	16	0.1*	9	0.0*
MALE	21	0.1	11	0.1*	13	0.1*	16	0.1*	10	0.1*	16	0.1*	20	0.1	18	0.1*	10	0.1*
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.

Brucellosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	38	0.1	22	0.1	21	0.1	33	0.1	20	0.1	30	0.1	38	0.1	34	0.1	20	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	1	0.0*	0	-	1	0.0*	0	-	0	-	2	0.1*	1	0.1*	0	-	2	0.1*
5-9	2	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	0	-
10-14	3	0.1*	1	0.0*	0	-	0	-	1	0.0*	3	0.1*	3	0.1*	2	0.1*	1	0.0*
15-24	1	0.0*	2	0.0*	2	0.0*	4	0.1*	0	-	1	0.0*	2	0.0*	1	0.0*	2	0.0*
25-34	3	0.1*	4	0.1*	3	0.1*	5	0.1*	3	0.1*	3	0.1*	6	0.1*	4	0.1*	2	0.0*
35-44	6	0.1*	1	0.0*	0	-	5	0.1*	1	0.0*	1	0.0*	4	0.1*	8	0.2*	0	-
45-54	7	0.1*	3	0.1*	2	0.0*	5	0.1*	1	0.0*	3	0.1*	6	0.1*	6	0.1*	2	0.0*
55-64	3	0.1*	5	0.1*	5	0.1*	6	0.1*	5	0.1*	7	0.1*	5	0.1*	3	0.1*	4	0.1*
65+	12	0.3*	5	0.1*	7	0.1*	7	0.1*	9	0.2*	9	0.2*	9	0.2*	10	0.2*	6	0.1*
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.

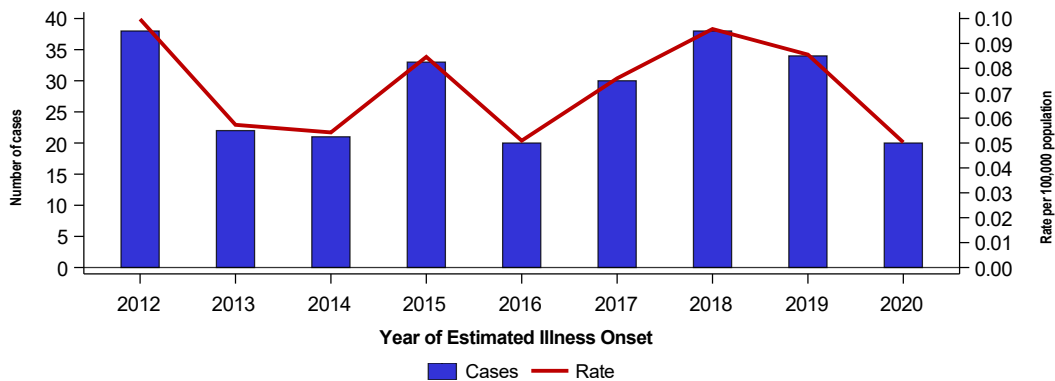
*Potentially unreliable rate: relative standard error 23 percent or more.

Brucellosis, Cases by Race/Ethnicity, California, 2012-2020

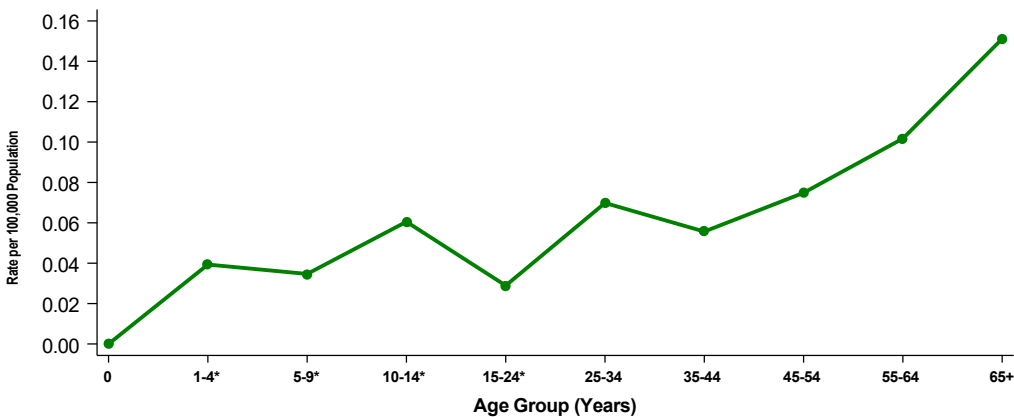
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	38	22	21	33	20	30	38	34	20	
WHITE, NON-HISPANIC	6	1	2	3	1	7	4	5	1	
HISPANIC/LATINO	28	18	15	24	15	16	29	23	13	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	2	0	1	2	2	2	1	4	
BLACK, NON-HISPANIC	0	0	0	1	0	0	0	2	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	0	0	0	0	0	0	2	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
OTHER, NON-HISPANIC	2	1	1	0	2	2	1	0	0	
UNKNOWN	0	0	2	4	0	3	2	1	2	

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

Brucellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020

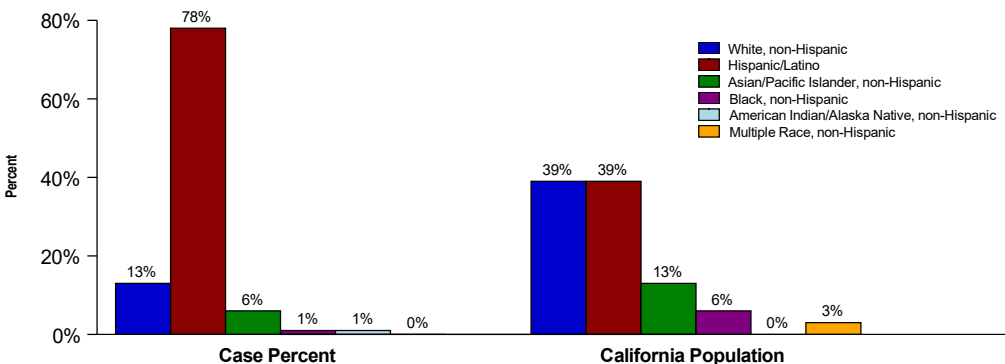


Brucellosis Average Incidence Rates by Age Group, California, 2012-2020



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

Brucellosis Cases and Population by Race/Ethnicity, California, 2012-2020



5.5% (n=14) of reported incidents of Brucellosis did not identify race/ethnicity and 3.5% (n=9) 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.

Campylobacteriosis

Campylobacteriosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	8,045	7,696	7,939	8,353	8,556	9,489	9,279	10,023	6,306	
JANUARY	575	537	507	571	591	694	582	784	803	
FEBRUARY	452	403	387	483	469	560	531	577	592	
MARCH	521	481	450	597	490	608	610	662	437	
APRIL	637	595	558	712	632	700	708	736	292	
MAY	768	727	715	729	731	919	815	863	498	
JUNE	786	848	804	800	950	1,085	964	1,093	618	
JULY	913	945	889	840	975	1,075	1,044	1,254	581	
AUGUST	892	830	925	827	903	978	1,013	1,121	568	
SEPTEMBER	723	663	721	766	759	854	748	822	579	
OCTOBER	708	656	800	784	741	798	814	808	567	
NOVEMBER	598	534	594	676	675	719	778	684	436	
DECEMBER	472	477	589	568	640	499	672	619	335	

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

Campylobacteriosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8,045	21.1	7,696	20.0	7,939	20.5	8,353	21.4	8,556	21.8	9,489	24.0	9,279	23.4	10,023	25.2	6,306	15.9
FEMALE	19.6	3,423	17.8	3,493	18.0	3,780	19.3	3,850	19.6	4,386	22.2	4,282	21.5	4,594	23.1	2,926	14.7	
MALE	22.4	4,073	21.3	4,182	21.7	4,528	23.3	4,688	23.9	5,076	25.8	4,981	25.2	5,400	27.2	3,362	16.9	
UNKNOWN	-	-	200	-	264	-	45	-	18	-	27	-	16	-	29	-	18	-

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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8,045	21.1	7,696	20.0	7,939	20.5	8,353	21.4	8,556	21.8	9,489	24.0	9,279	23.4	10,023	25.2	6,306	15.9
0	214	43.0	222	44.5	181	36.4	203	40.7	183	37.6	173	36.0	159	34.6	163	36.5	134	30.3
1-4	870	42.8	894	44.4	873	43.5	803	40.0	766	38.3	789	39.7	716	36.4	768	39.9	667	35.8
5-9	583	22.7	552	21.3	518	20.0	506	19.6	493	19.1	491	19.2	412	16.2	464	18.3	372	14.7
10-14	386	15.1	303	11.9	398	15.6	368	14.4	361	14.1	387	15.0	373	14.3	380	14.6	263	10.2
15-24	959	16.8	961	16.7	1,022	17.6	1,066	18.3	1,058	18.2	1,190	20.6	1,147	19.9	1,145	20.0	660	11.6
25-34	1,128	21.1	1,102	20.6	1,101	20.7	1,303	24.7	1,344	25.7	1,474	28.3	1,442	27.7	1,617	31.2	966	18.7
35-44	939	18.2	865	16.8	873	17.0	961	18.7	967	18.8	1,158	22.3	1,124	21.5	1,220	23.2	746	14.2
45-54	979	18.7	893	17.1	898	17.1	979	18.7	1,083	20.7	1,134	21.7	1,222	23.6	1,250	24.5	725	14.4
55-64	844	19.5	801	18.1	888	19.6	977	21.0	1,051	22.1	1,192	24.7	1,199	24.5	1,376	28.0	798	16.2
65+	1,099	23.8	1,054	21.9	1,146	22.8	1,169	22.3	1,223	22.5	1,479	26.2	1,458	24.9	1,621	26.7	958	15.2
UNKNOWN	44	-	49	-	41	-	18	-	27	-	22	-	27	-	19	-	17	-

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

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

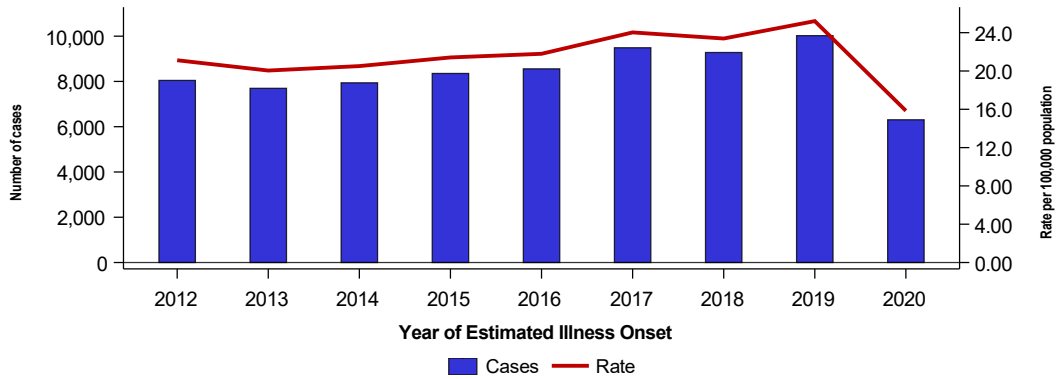
*Potentially unreliable rate: relative standard error 23 percent or more.

Campylobacteriosis, Cases by Race/Ethnicity, California, 2012-2020

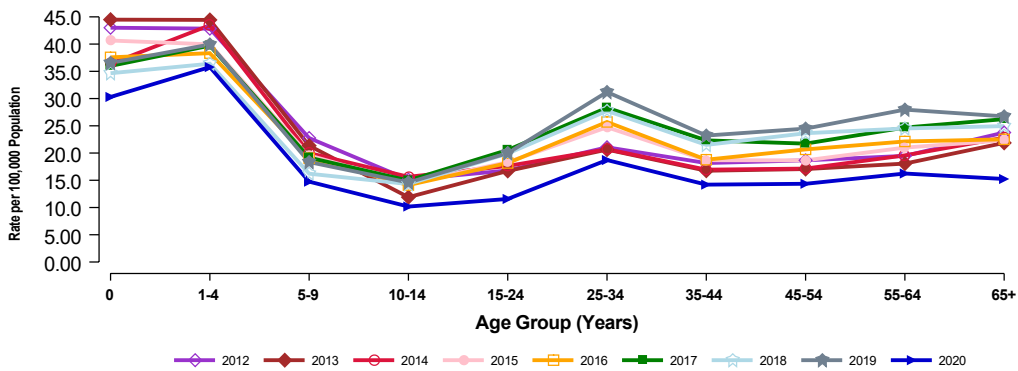
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	8,045	7,696	7,939	8,353	8,556	9,489	9,279	10,023	6,306	
WHITE, NON-HISPANIC	1,669	1,465	1,558	2,203	2,415	3,132	2,831	3,227	1,944	
HISPANIC/LATINO	1,291	1,134	1,257	1,288	1,496	1,769	1,611	1,839	1,371	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	306	238	251	342	470	606	655	766	385	
BLACK, NON-HISPANIC	101	97	107	120	172	192	205	212	155	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	11	17	19	16	11	26	25	26	17	
MULTIPLE RACE, NON-HISPANIC	16	14	11	18	10	12	26	19	9	
OTHER, NON-HISPANIC	84	88	147	320	677	1,097	1,104	1,380	776	
UNKNOWN	4,567	4,643	4,589	4,046	3,305	2,655	2,822	2,554	1,649	

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

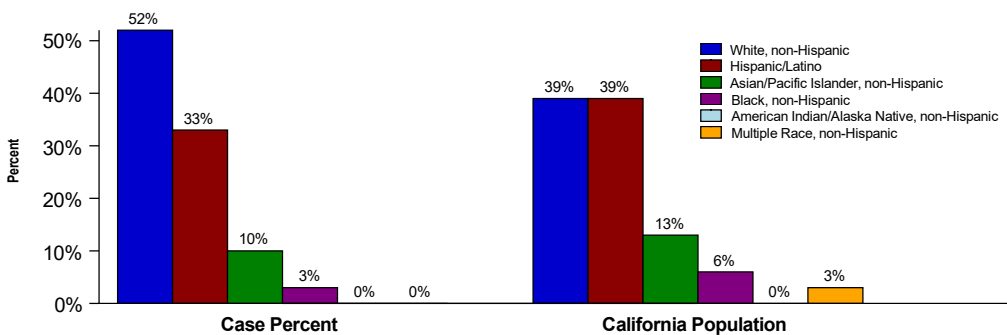
Campylobacteriosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Campylobacteriosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Campylobacteriosis Cases and Population by Race/Ethnicity, California, 2012-2020



40.7% (n=30830) of reported incidents of Campylobacteriosis did not identify race/ethnicity and 7.5% (n=5673) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	-	-	-	-	42	36 0.1	28 0.1	35 0.1	6	0.0*
ALAMEDA COUNTY TOTA	-	-	-	-	9	3 0.2*	4 0.2*	5 0.3*	0	-
ALAMEDA	-	-	-	-	9	3 0.2*	4 0.3*	5 0.3*	0	-
BERKELEY	-	-	-	-	0	0 -	0 -	0 -	0	-
ALPINE	-	-	-	-	0	0 -	0 -	0 -	0	-
AMADOR	-	-	-	-	0	0 -	0 -	0 -	0	-
BUTTE	-	-	-	-	0	0 -	0 -	0 -	0	-
CALAVERAS	-	-	-	-	0	0 -	0 -	0 -	0	-
COLUSA	-	-	-	-	0	0 -	0 -	0 -	0	-
CONTRA COSTA	-	-	-	-	1	4 0.4*	1 0.1*	1 0.1*	1	0.1*
DEL NORTE	-	-	-	-	0	0 -	0 -	0 -	0	-
EL DORADO	-	-	-	-	1	0 -	0 -	0 -	0	-
FRESNO	-	-	-	-	1	0 -	0 -	0 -	0	-
GLENN	-	-	-	-	0	0 -	0 -	0 -	0	-
HUMBOLDT	-	-	-	-	0	0 -	0 -	0 -	0	-
IMPERIAL	-	-	-	-	0	0 -	0 -	0 -	0	-
INYO	-	-	-	-	0	0 -	0 -	0 -	0	-
KERN	-	-	-	-	0	0 -	0 -	1 0.1*	0	-
KINGS	-	-	-	-	0	0 -	0 -	0 -	0	-
LAKE	-	-	-	-	0	0 -	0 -	0 -	0	-
LASSEN	-	-	-	-	0	0 -	0 -	0 -	0	-
LOS ANGELES COUNTY TOTAL	-	-	-	-	3	11 0.1*	8 0.1*	2 0.0*	1	0.0*
LOS ANGELES	-	-	-	-	3	11 0.1*	8 0.1*	2 0.0*	1	0.0*
LONG BEACH	-	-	-	-	0	0 -	0 -	0 -	0	-
PASADENA	-	-	-	-	0	0 -	0 -	0 -	0	-
MADERA	-	-	-	-	0	0 -	0 -	0 -	0	-
MARIN	-	-	-	-	0	0 -	0 -	1 0.4*	0	-
MARIPOSA	-	-	-	-	0	0 -	0 -	0 -	0	-
MENDOCINO	-	-	-	-	0	0 -	0 -	0 -	0	-
MERCED	-	-	-	-	0	0 -	0 -	0 -	0	-
MODOC	-	-	-	-	0	0 -	0 -	0 -	0	-
MONO	-	-	-	-	0	0 -	0 -	0 -	0	-
MONTEREY	-	-	-	-	0	0 -	0 -	0 -	0	-
NAPA	-	-	-	-	0	0 -	0 -	0 -	0	-
NEVADA	-	-	-	-	0	0 -	0 -	1 1.0*	0	-
ORANGE	-	-	-	-	1	2 0.1*	0 -	2 0.1*	1	0.0*
PLACER	-	-	-	-	0	0 -	0 -	0 -	0	-
PLUMAS	-	-	-	-	0	0 -	0 -	0 -	0	-
RIVERSIDE	-	-	-	-	0	0 -	0 -	2 0.1*	0	-
SACRAMENTO	-	-	-	-	0	1 0.1*	1 0.1*	1 0.1*	0	-
SAN BENITO	-	-	-	-	0	0 -	0 -	0 -	0	-
SAN BERNARDINO	-	-	-	-	2	0 -	0 -	0 -	1	0.0*
SAN DIEGO	-	-	-	-	4	3 0.1*	5 0.1*	4 0.1*	1	0.0*
SAN FRANCISCO	-	-	-	-	2	0 -	1 0.1*	3 0.3*	0	-
SAN JOAQUIN	-	-	-	-	0	1 0.1*	0 -	0 -	0	-
SAN LUIS OBISPO	-	-	-	-	0	0 -	0 -	1 0.4*	0	-
SAN MATEO	-	-	-	-	4	1 0.1*	1 0.1*	1 0.1*	0	-
SANTA BARBARA	-	-	-	-	0	0 -	0 -	1 0.2*	0	-
SANTA CLARA	-	-	-	-	12	10 0.5*	5 0.3*	9 0.5*	1	0.1*
SANTA CRUZ	-	-	-	-	0	0 -	0 -	0 -	0	-
SHASTA	-	-	-	-	0	0 -	0 -	0 -	0	-
SIERRA	-	-	-	-	0	0 -	0 -	0 -	0	-
SISKIYOU	-	-	-	-	0	0 -	0 -	0 -	0	-
SOLANO	-	-	-	-	0	0 -	0 -	0 -	0	-
SONOMA	-	-	-	-	0	0 -	0 -	0 -	0	-
STANISLAUS	-	-	-	-	0	0 -	1 0.2*	0 -	0	-
SUTTER	-	-	-	-	1	0 -	0 -	0 -	0	-
TEHAMA	-	-	-	-	0	0 -	1 1.6*	0 -	0	-
TRINITY	-	-	-	-	0	0 -	0 -	0 -	0	-
TULARE	-	-	-	-	0	0 -	0 -	0 -	0	-
TUOLUMNE	-	-	-	-	0	0 -	0 -	0 -	0	-
VENTURA	-	-	-	-	1	0 -	0 -	0 -	0	-
YOLO	-	-	-	-	0	0 -	0 -	0 -	0	-
YUBA	-	-	-	-	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	-	-	-	-	42	36	28	35	6	
JANUARY	-	-	-	-	0	3	1	2	3	
FEBRUARY	-	-	-	-	0	2	0	1	0	
MARCH	-	-	-	-	0	3	2	0	0	
APRIL	-	-	-	-	0	1	0	1	0	
MAY	-	-	-	-	0	4	4	1	1	
JUNE	-	-	-	-	1	5	3	3	1	
JULY	-	-	-	-	6	4	6	6	0	
AUGUST	-	-	-	-	9	2	9	6	0	
SEPTEMBER	-	-	-	-	7	6	0	3	0	
OCTOBER	-	-	-	-	8	3	2	5	0	
NOVEMBER	-	-	-	-	6	1	0	4	1	
DECEMBER	-	-	-	-	5	2	1	3	0	

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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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	6	0.0*	
FEMALE	-	-	-	-	-	-	-	-	27	21	0.1	19	0.1	18	0.1*	3	0.0*	
MALE	-	-	-	-	-	-	-	-	15	15	0.1*	9	0.0*	17	0.1*	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.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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	6	0.0*	
0	-	-	-	-	-	-	-	-	0	0	-	0	-	1	0.2*	0	-	
1-4	-	-	-	-	-	-	-	-	0	0	-	1	0.1*	0	-	0	-	
5-9	-	-	-	-	-	-	-	-	2	1	0.0*	0	-	0	-	0	-	
10-14	-	-	-	-	-	-	-	-	0	0	-	1	0.0*	0	-	0	-	
15-24	-	-	-	-	-	-	-	-	3	2	0.0*	1	0.0*	3	0.1*	1	0.0*	
25-34	-	-	-	-	-	-	-	-	6	5	0.1*	6	0.1*	6	0.1*	0	-	
35-44	-	-	-	-	-	-	-	-	13	8	0.2*	6	0.1*	4	0.1*	1	0.0*	
45-54	-	-	-	-	-	-	-	-	6	11	0.2*	3	0.1*	13	0.3*	2	0.0*	
55-64	-	-	-	-	-	-	-	-	4	7	0.1*	6	0.1*	5	0.1*	2	0.0*	
65+	-	-	-	-	-	-	-	-	8	2	0.0*	4	0.1*	3	0.0*	0	-	

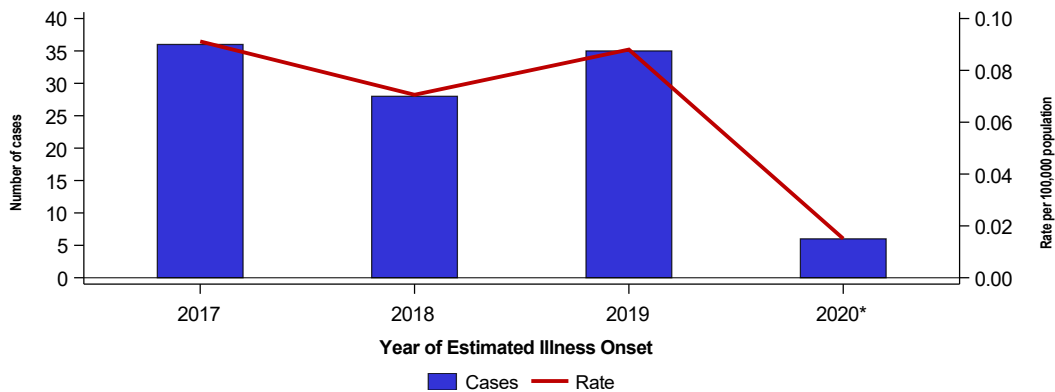
Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection, Cases by Race/Ethnicity, California, 2012-2020

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	-	-	-	-	42	36	28	35	6	
WHITE, NON-HISPANIC	-	-	-	-	4	0	7	7	1	
HISPANIC/LATINO	-	-	-	-	5	5	3	3	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	-	-	-	24	21	9	14	2	
BLACK, NON-HISPANIC	-	-	-	-	0	1	0	1	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	-	-	-	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	-	-	-	0	0	1	0	0	
OTHER, NON-HISPANIC	-	-	-	-	0	1	0	0	0	
UNKNOWN	-	-	-	-	9	8	8	10	1	

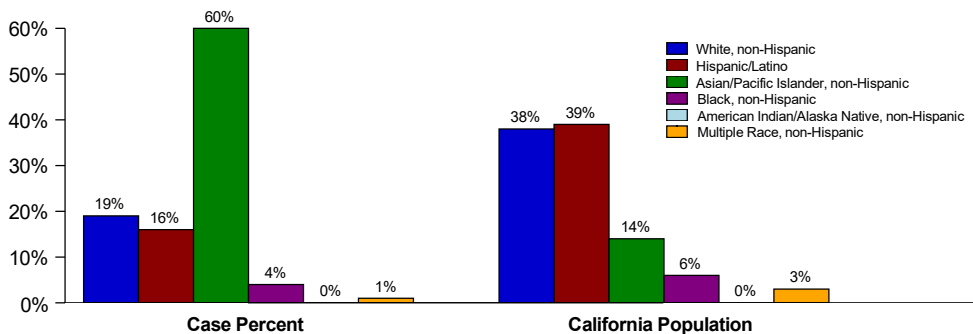
For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Chikungunya Virus Infection began June 1, 2016.

Chikungunya Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2017-2020



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

Chikungunya Virus Infection Cases and Population by Race/Ethnicity, California, 2017-2020



25.7% (n=27) of reported incidents of Chikungunya Virus Infection did not identify race/ethnicity and 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.

Cholera

Cholera, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	0	0	0	1	0.0*	3	0.0*	0	0
ALAMEDA COUNTY TOTAL	0	0	0	0	0	0	2	0.1*	0	0
ALAMEDA	0	0	0	0	0	0	2	0.1*	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	0	0	0	0	0	0	0	0
LOS ANGELES	0	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	0	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	1	0.0*	0	0	0	0
SAN FRANCISCO	0	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	0	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	1	0.1*	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.

Cholera

Cholera, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	0	0	0	1	0	3	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	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	0	0	0	0	1	0	0	0	0	
AUGUST	0	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	1	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	1	0	0	

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

Cholera, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	0	0	0	0	0	1	0.0*	0	0	3	0.0*	0	0	0	0		
FEMALE	0	0	0	0	0	0	0	-	0	0	2	0.0*	0	0	0	0		
MALE	0	0	0	0	0	0	1	0.0*	0	0	1	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.

Cholera, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	0	0	0	0	0	1	0.0*	0	0	3	0.0*	0	0	0	0		
0	0	0	0	0	0	0	0	-	0	0	1	0.2*	0	0	0	0		
1-4	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0		
5-9	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0		
10-14	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0		
15-24	0	0	0	0	0	0	1	0.0*	0	0	0	-	0	0	0	0		
25-34	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0		
35-44	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0		
45-54	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0		
55-64	0	0	0	0	0	0	0	-	0	0	2	0.0*	0	0	0	0		
65+	0	0	0	0	0	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.

Cholera, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	0	0	0	1	0	3	0	0	
WHITE, NON-HISPANIC	0	0	0	0	0	0	1	0	0	
HISPANIC/LATINO	0	0	0	0	0	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	1	0	2	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.

Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	184	0.5	154	0.4	277	0.7	243	0.6	134	0.3	269	0.7	338	0.9	293	0.7	177	0.4
ALAMEDA COUNTY TOTAL	8	0.5*	13	0.8*	16	1.0*	5	0.3*	4	0.2*	7	0.4*	7	0.4*	6	0.4*	10	0.6*
ALAMEDA	7	0.5*	12	0.8*	12	0.8*	5	0.3*	3	0.2*	7	0.5*	7	0.5*	5	0.3*	10	0.6*
BERKELEY	1	0.9*	1	0.9*	4	3.4*	0	-	1	0.8*	0	-	0	-	1	0.8*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	1	2.7*	1	2.7*	1	2.6*	0	-	0	-
BUTTE	0	-	0	-	1	0.4*	0	-	0	-	0	-	2	0.9*	0	-	0	-
CALAVERAS	0	-	0	-	1	2.2*	0	-	0	-	0	-	0	-	0	-	1	2.3*
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.5*
CONTRA COSTA	5	0.5*	11	1.0*	13	1.2*	5	0.4*	2	0.2*	4	0.4*	7	0.6*	5	0.4*	5	0.4*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	5	2.7*	1	0.5*	1	0.5*
FRESNO	1	0.1*	0	-	3	0.3*	0	-	0	-	2	0.2*	3	0.3*	4	0.4*	3	0.3*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	2	1.5*	0	-	1	0.7*	1	0.7*	0	-	5	3.7*	0	-	0	-
IMPERIAL	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.5*	8	4.2*	2	1.1*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	2	0.2*	0	-	3	0.3*	4	0.5*	5	0.6*	2	0.2*	5	0.6*	6	0.7*	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	1	1.6*	0	-	2	3.1*	0	-	1	1.6*
LASSEN	1	3.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	30	0.3	29	0.3	52	0.5	47	0.5	29	0.3	59	0.6	54	0.5	62	0.6	26	0.3
LOS ANGELES	29	0.3	26	0.3	52	0.5	45	0.5	27	0.3	56	0.6	50	0.5	59	0.6	24	0.3
LONG BEACH	1	0.2*	1	0.2*	0	-	2	0.4*	2	0.4*	1	0.2*	4	0.8*	2	0.4*	2	0.4*
PASADENA	0	-	2	1.4*	0	-	0	-	0	-	2	1.4*	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-	1	0.6*	0	-	0	-	1	0.6*	2	1.3*	0	-
MARIN	1	0.4*	6	2.3*	11	4.2*	10	3.8*	3	1.1*	10	3.8*	8	3.1*	7	2.7*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.6*
MENDOCINO	0	-	0	-	1	1.1*	0	-	0	-	0	-	8	9.0*	3	3.4*	4	4.6*
MERCED	1	0.4*	0	-	1	0.4*	0	-	2	0.7*	1	0.4*	0	-	2	0.7*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	10.6*
MONO	1	7.1*	1	7.2*	0	-	1	7.3*	0	-	0	-	0	-	0	-	0	-
MONTEREY	4	0.9*	1	0.2*	1	0.2*	1	0.2*	1	0.2*	4	0.9*	5	1.1*	2	0.5*	2	0.5*
NAPA	1	0.7*	2	1.4*	3	2.1*	0	-	0	-	0	-	5	3.6*	2	1.4*	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	3	3.1*	0	-
ORANGE	14	0.5*	16	0.5*	22	0.7	28	0.9	13	0.4*	20	0.6	30	0.9	23	0.7	15	0.5*
PLACER	0	-	2	0.5*	2	0.5*	2	0.5*	1	0.3*	3	0.8*	1	0.3*	2	0.5*	1	0.3*
PLUMAS	0	-	0	-	0	-	1	5.5*	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.2*	6	0.3*	11	0.5*	11	0.5*	12	0.5*	6	0.3*	9	0.4*	10	0.4*	6	0.2*
SACRAMENTO	5	0.3*	5	0.3*	7	0.5*	5	0.3*	2	0.1*	4	0.3*	4	0.3*	10	0.6*	4	0.3*
SAN BENITO	0	-	0	-	1	1.7*	0	-	0	-	0	-	1	1.6*	3	4.8*	0	-
SAN BERNARDINO	0	-	4	0.2*	7	0.3*	6	0.3*	3	0.1*	5	0.2*	11	0.5*	2	0.1*	6	0.3*
SAN DIEGO	40	1.3	14	0.4*	35	1.1	46	1.4	30	0.9	51	1.5	59	1.8	47	1.4	38	1.1
SAN FRANCISCO	14	1.7*	15	1.8*	18	2.1*	19	2.2	4	0.5*	16	1.8*	9	1.0*	13	1.4*	2	0.2*
SAN JOAQUIN	6	0.9*	2	0.3*	4	0.6*	4	0.6*	3	0.4*	3	0.4*	3	0.4*	2	0.3*	0	-
SAN LUIS OBISPO	4	1.5*	3	1.1*	1	0.4*	4	1.4*	0	-	4	1.4*	6	2.2*	0	-	1	0.4*
SAN MATEO	8	1.1*	4	0.5*	13	1.7*	4	0.5*	3	0.4*	3	0.4*	12	1.5*	8	1.0*	10	1.3*
SANTA BARBARA	4	0.9*	3	0.7*	2	0.5*	7	1.6*	2	0.4*	12	2.7*	19	4.2	6	1.3*	4	0.9*
SANTA CLARA	14	0.8*	6	0.3*	18	0.9*	8	0.4*	2	0.1*	22	1.1	16	0.8*	17	0.9*	10	0.5*
SANTA CRUZ	2	0.7*	0	-	4	1.5*	4	1.5*	2	0.7*	2	0.7*	2	0.7*	6	2.2*	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	1	0.6*	2	1.1*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	1	0.2*	1	0.2*	2	0.5*	0	-	2	0.5*	2	0.5*	1	0.2*	1	0.2*
SONOMA	2	0.4*	3	0.6*	5	1.0*	5	1.0*	3	0.6*	4	0.8*	2	0.4*	10	2.0*	2	0.4*
STANISLAUS	4	0.8*	1	0.2*	5	0.9*	1	0.2*	1	0.2*	2	0.4*	2	0.4*	3	0.5*	2	0.4*
SUTTER	0	-	0	-	3	3.1*	1	1.0*	1	1.0*	1	1.0*	0	-	2	1.9*	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	-	2	0.4*	2	0.4*	2	0.4*	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	5	0.6*	2	0.2*	8	0.9*	7	0.8*	2	0.2*	14	1.6*	25	2.9	9	1.1*	4	0.5*
YOLO	1	0.5*	2	1.0*	2	1.0*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	3	1.4*	3	1.4*
YUBA	0	-	0	-	0	-	0	-	0	-	1	1.3*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	184	154	277	243	134	269	338	293	177	
JANUARY	1	5	2	11	6	11	5	12	10	
FEBRUARY	1	1	4	17	8	6	15	7	12	
MARCH	5	1	6	15	5	12	16	12	8	
APRIL	8	3	4	9	6	15	19	13	6	
MAY	5	7	9	12	3	18	21	19	11	
JUNE	9	14	14	29	16	13	34	29	5	
JULY	32	47	39	40	22	56	67	48	21	
AUGUST	44	38	97	41	37	51	71	68	41	
SEPTEMBER	35	24	48	27	18	35	33	34	22	
OCTOBER	22	11	30	22	6	30	27	25	24	
NOVEMBER	16	3	10	8	5	13	15	13	10	
DECEMBER	6	0	14	12	2	9	15	13	7	

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

Vibrio Infection (non-Cholera), Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	184	0.5	154	0.4	277	0.7	243	0.6	134	0.3	269	0.7	338	0.9	293	0.7	177	0.4
FEMALE	62	0.3	49	0.3	87	0.4	79	0.4	55	0.3	107	0.5	132	0.7	119	0.6	67	0.3
MALE	122	0.6	105	0.5	190	1.0	164	0.8	79	0.4	162	0.8	206	1.0	174	0.9	110	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.

Vibrio Infection (non-Cholera), Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	184	0.5	154	0.4	277	0.7	243	0.6	134	0.3	269	0.7	338	0.9	293	0.7	177	0.4
0	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	2	0.4*	0	-
1-4	0	-	0	-	0	-	0	-	1	0.1*	0	-	2	0.1*	1	0.1*	3	0.2*
5-9	5	0.2*	0	-	3	0.1*	5	0.2*	4	0.2*	2	0.1*	7	0.3*	1	0.0*	1	0.0*
10-14	8	0.3*	8	0.3*	4	0.2*	7	0.3*	6	0.2*	8	0.3*	6	0.2*	6	0.2*	11	0.4*
15-24	15	0.3*	10	0.2*	20	0.3	25	0.4	10	0.2*	16	0.3*	20	0.3	28	0.5	13	0.2*
25-34	34	0.6	29	0.5	57	1.1	52	1.0	11	0.2*	44	0.8	60	1.2	45	0.9	32	0.6
35-44	33	0.6	33	0.6	64	1.2	39	0.8	20	0.4	54	1.0	59	1.1	48	0.9	31	0.6
45-54	36	0.7	26	0.5	51	1.0	38	0.7	31	0.6	38	0.7	43	0.8	36	0.7	27	0.5
55-64	27	0.6	21	0.5	40	0.9	30	0.6	25	0.5	45	0.9	66	1.3	53	1.1	24	0.5
65+	24	0.5	26	0.5	36	0.7	45	0.9	26	0.5	62	1.1	74	1.3	72	1.2	34	0.5
UNKNOWN	1	-	1	-	2	-	2	-	0	-	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.

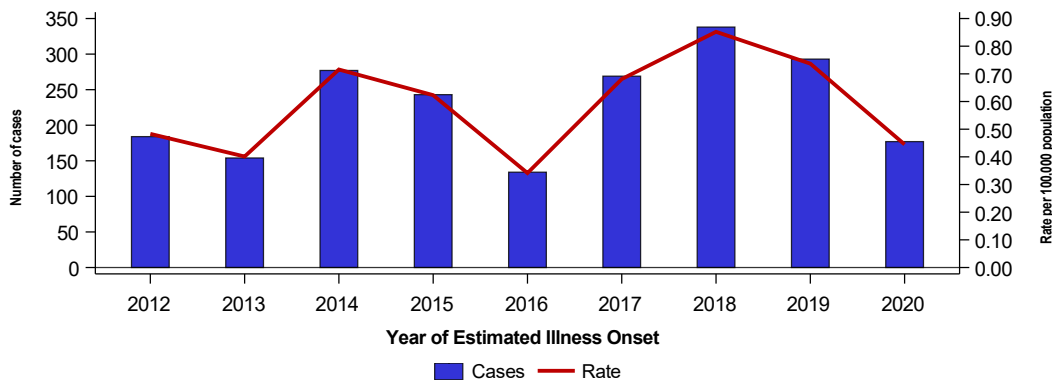
*Potentially unreliable rate: relative standard error 23 percent or more.

Vibrio Infection (non-Cholera), Cases by Race/Ethnicity, California, 2012-2020

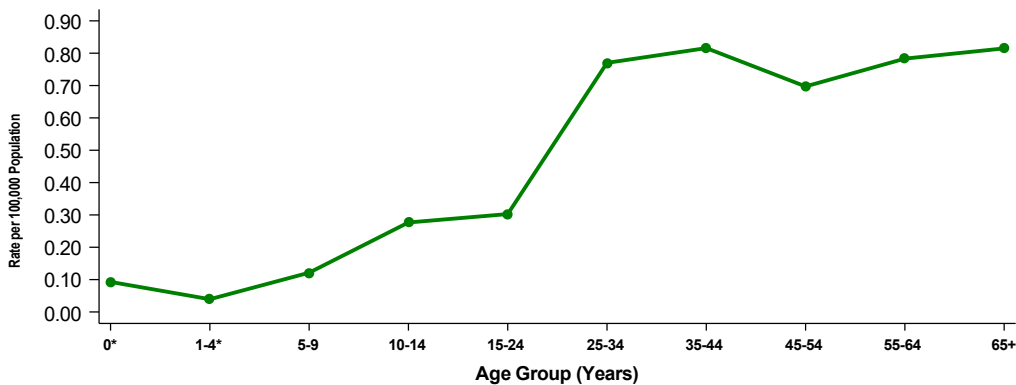
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	184	154	277	243	134	269	338	293	177	
WHITE, NON-HISPANIC	98	84	121	120	64	116	162	133	61	
HISPANIC/LATINO	41	26	59	59	34	57	69	63	42	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	18	14	10	11	10	32	28	22	17	
BLACK, NON-HISPANIC	3	3	8	9	2	5	9	6	6	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	0	0	1	1	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	2	1	4	6	0	4	
OTHER, NON-HISPANIC	1	1	4	6	1	9	13	10	14	
UNKNOWN	23	26	73	36	22	45	50	59	33	

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, 2012-2020

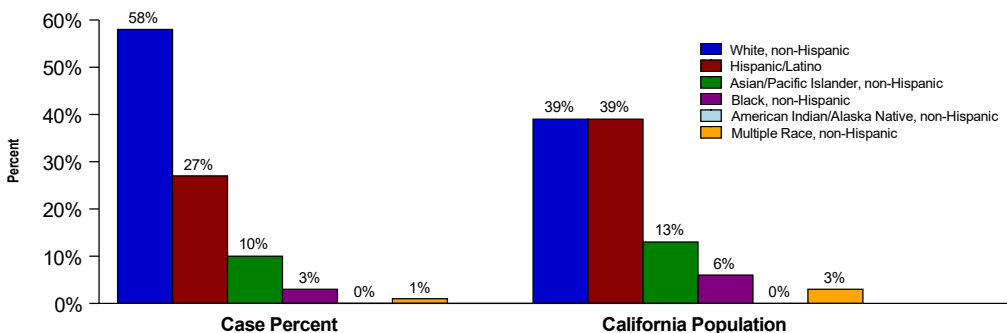


Vibrio Infection (non-Cholera) Average Incidence Rates by Age Group, California, 2012-2020



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

Vibrio Infection (non-Cholera) Cases and Population by Race/Ethnicity, California, 2012-2020



17.7% (n=367) of reported incidents of Vibrio Infection (non-Cholera) did not identify race/ethnicity and 2.9% (n=59) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*	0		1	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	1	0.1*	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	-	2	0.0*	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	2	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	-	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	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	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	-	1	0.2*	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	-	1	0.1*	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.

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	2	1	1	1	3	0	1	0	
JANUARY	0	0	0	0	0	2	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	
MARCH	0	1	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	1	0	0	0	0	0	0	0	0	
JULY	0	0	0	0	1	0	0	1	0	
AUGUST	0	0	1	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	1	0	1	0	0	0	0	0	
DECEMBER	0	0	0	0	0	1	0	0	0	

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

Ciguatera Fish Poisoning, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*	0	-	1	0.0*	0	-
FEMALE	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-
MALE	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	2	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.

Ciguatera Fish Poisoning, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*	0	-	1	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	1	0.0*	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	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
55-64	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	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.

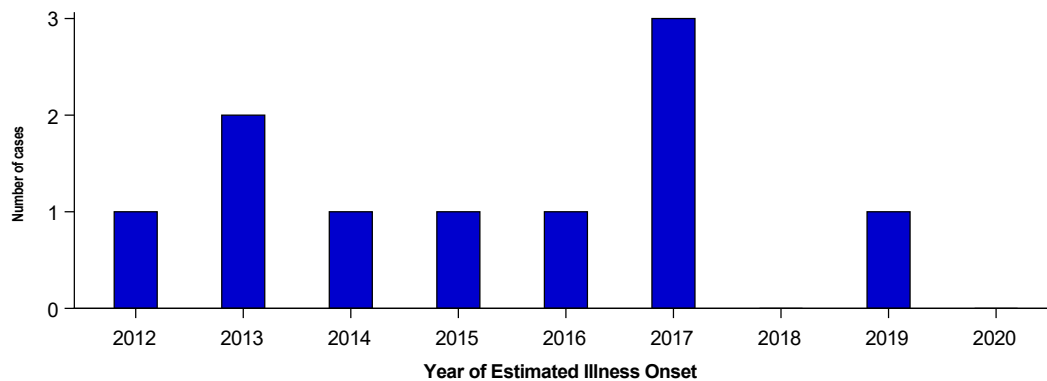
*Potentially unreliable rate: relative standard error 23 percent or more.

Ciguatera Fish Poisoning, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	2	1	1	1	3	0	1	0	
WHITE, NON-HISPANIC	0	1	1	0	0	1	0	0	0	
HISPANIC/LATINO	0	1	0	0	0	1	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	0	0	0	1	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	1	0	
UNKNOWN	0	0	0	1	0	1	0	0	0	

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

Ciguatera Fish Poisoning Cases by Year of Estimated Illness Onset, California, 2012-2020



Coccidioidomycosis

Coccidioidomycosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2012		2013		2014		2015		2016		2017		2018		2019		2020			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	4,126	10.8	3,329	8.7	2,329	6.0	3,181	8.2	5,571	14.2	7,696	19.5	7,632	19.2	9,089	22.9	7,217	18.1		
ALAMEDA COUNTY TOTAL	23	1.5	29	1.8	24	1.5	39	2.4	48	2.9	66	4.0	76	4.6	97	5.8	68	4.1		
ALAMEDA	21	1.5	28	1.9	24	1.6	38	2.5	48	3.2	66	4.3	75	4.9	96	6.2	67	4.3		
BERKELEY	2	1.7*	1	0.9*	0	-	1	0.8*	0	-	0	-	1	0.8*	1	0.8*	1	0.8*		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	1	2.7*	0	-	0	-	4	11.1*	0	-	1	2.7*	7	18.5*	5	13.3*	7	18.6*		
BUTTE	4	1.8*	4	1.8*	1	0.4*	0	-	3	1.3*	4	1.8*	1	0.4*	6	2.8*	11	5.3*		
CALAVERAS	2	4.4*	3	6.6*	1	2.2*	1	2.2*	1	2.2*	0	-	1	2.2*	3	6.8*	8	18.1*		
COLUSA	0	-	0	-	0	-	1	4.6*	1	4.6*	0	-	2	9.1*	3	13.6*	1	4.5*		
CONTRA COSTA	29	2.7	38	3.5	30	2.7	50	4.5	68	6.0	89	7.8	109	9.5	134	11.7	143	12.4		
DEL NORTE	0	-	0	-	0	-	0	-	1	3.7*	0	-	0	-	0	-	0	-		
EL DORADO	1	0.6*	1	0.5*	2	1.1*	1	0.5*	2	1.1*	5	2.7*	2	1.1*	5	2.6*	3	1.6*		
FRESNO	483	50.7	314	32.7	161	16.6	279	28.5	614	62.1	830	83.2	643	63.7	625	61.4	448	43.6		
GLENN	0	-	0	-	0	-	0	-	0	-	2	7.0*	0	-	2	6.9*	1	3.4*		
HUMBOLDT	1	0.7*	0	-	0	-	1	0.7*	0	-	2	1.5*	0	-	2	1.5*	2	1.5*		
IMPERIAL	12	6.7*	5	2.8*	2	1.1*	2	1.1*	11	5.9*	15	8.0*	19	10.1	17	9.0*	5	2.7*		
INYO	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-	0	-	1	5.4*		
KERN	1,855	215.8	1,659	191.0	931	106.4	1,082	122.8	2,258	255.3	2,791	312.6	2,949	327.2	3,383	371.9	2,600	284.8		
KINGS	242	161.2	108	71.9	78	52.3	104	69.6	235	158.0	273	181.6	173	113.3	220	143.3	157	101.5		
LAKE	0	-	0	-	0	-	0	-	2	3.1*	2	3.1*	1	1.5*	2	3.1*	2	3.1*		
LASSEN	0	-	0	-	0	-	9	29.8*	6	20.2*	0	-	1	3.4*	0	-	1	3.5*		
LOS ANGELES COUNTY TOTAL	335	3.4	347	3.5	403	4.0	558	5.5	730	7.2	932	9.1	1,013	9.9	1,154	11.3	1,080	10.6		
LOS ANGELES	312	3.3	338	3.6	383	4.0	521	5.5	713	7.5	904	9.5	996	10.4	1,093	11.5	1,022	10.7		
LONG BEACH	21	4.5	8	1.7*	19	4.0	36	7.6	15	3.2*	19	4.0	12	2.5*	57	12.1	55	11.7		
PASADENA	2	1.4*	1	0.7*	1	0.7*	1	0.7*	2	1.4*	9	6.3*	5	3.5*	4	2.8*	3	2.1*		
MADERA	24	15.9	46	30.3	35	22.8	54	35.0	49	31.7	64	41.0	58	36.8	64	40.6	21	13.2		
MARIN	1	0.4*	6	2.3*	2	0.8*	1	0.4*	2	0.8*	4	1.5*	5	1.9*	5	1.9*	6	2.3*		
MARIPOSA	0	-	0	-	0	-	2	11.1*	3	16.6*	3	16.7*	1	5.6*	2	11.2*	1	5.6*		
MENDOCINO	0	-	1	1.1*	0	-	1	1.1*	0	-	1	1.1*	0	-	3	3.4*	2	2.3*		
MERCED	61	23.2	54	20.4	51	19.1	91	33.8	78	28.8	105	38.2	137	49.3	105	37.3	78	27.4		
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
MONO	0	-	0	-	0	-	0	-	0	-	0	-	1	7.4*	0	-	0	-		
MONTEREY	76	17.9	69	16.2	24	5.6	38	8.7	79	18.0	191	43.4	238	53.9	186	41.9	111	25.2		
NAPA	3	2.2*	0	-	0	-	0	-	2	1.4*	1	0.7*	1	0.7*	4	2.9*	1	0.7*		
NEVADA	2	2.0*	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-		
ORANGE	115	3.7	72	2.3	77	2.5	172	5.5	109	3.4	231	7.2	195	6.1	287	9.0	240	7.5		
PLACER	7	1.9*	3	0.8*	0	-	5	1.3*	3	0.8*	2	0.5*	3	0.8*	12	3.0*	10	2.5*		
PLUMAS	0	-	2	10.6*	1	5.4*	0	-	0	-	0	-	2	10.9*	0	-	0	-		
RIVERSIDE	56	2.5	34	1.5	38	1.7	57	2.4	64	2.7	134	5.6	142	5.9	290	11.9	311	12.7		
SACRAMENTO	5	0.3*	9	0.6*	18	1.2*	23	1.5	27	1.8	40	2.6	43	2.8	103	6.7	57	3.6		
SAN BENITO	0	-	1	1.7*	1	1.7*	0	-	3	5.1*	4	6.7*	3	4.9*	5	8.1*	2	3.2*		
SAN BERNARDINO	58	2.8	49	2.3	33	1.6	29	1.4	38	1.8	88	4.1	97	4.5	229	10.5	233	10.7		
SAN DIEGO	139	4.4	93	2.9	88	2.7	113	3.5	132	4.0	274	8.3	276	8.3	417	12.5	463	13.8		
SAN FRANCISCO	3	0.4*	18	2.1*	4	0.5*	13	1.5*	7	0.8*	14	1.6*	12	1.3*	25	2.8	18	2.0*		
SAN JOAQUIN	73	10.4	51	7.2	61	8.5	97	13.3	191	25.9	203	27.2	240	31.7	281	36.6	134	17.3		
SAN LUIS OBISPO	108	39.5	53	19.3	27	9.8	65	23.5	259	93.2	438	157.7	345	124.0	268	96.7	175	63.4		
SAN MATEO	16	2.2*	10	1.3*	3	0.4*	5	0.7*	4	0.5*	18	2.3*	16	2.1*	27	3.5	17	2.2*		
SANTA BARBARA	25	5.8	23	5.3	15	3.4*	25	5.6	62	13.9	115	25.7	106	23.5	75	16.6	63	14.0		
SANTA CLARA	26	1.4	17	0.9*	12	0.6*	17	0.9*	39	2.0	39	2.0	76	3.9	78	4.0	44	2.2		
SANTA CRUZ	10	3.7*	5	1.8*	3	1.1*	1	0.4*	9	3.3*	9	3.3*	14	5.1*	21	7.7	3	1.1*		
SHASTA	0	-	0	-	1	0.6*	0	-	2	1.1*	0	-	0	-	0	-	1	0.6*		
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0	-	1	2.2*	0	-	0	-	2	4.5*	2	4.5*	0	-	1	2.3*	2	4.6*		
SOLANO	8	1.9*	6	1.4*	5	1.2*	19	4.4	16	3.7*	18	4.1*	17	3.9*	34	7.7	22	5.0		
SONOMA	4	0.8*	1	0.2*	5	1.0*	1	0.2*	2	0.4*	3	0.6*	3	0.6*	12	2.4*	7	1.4*		
STANISLAUS	62	11.8	39	7.4	36	6.8	48	8.9	81	14.9	122	22.3	76	13.8	80	14.4	67	12.1		
SUTTER	1	1.1*	1	1.0*	0	-	0	-	1	1.0*	3	3.0*	0	-	4	3.9*	1	1.0*		
TEHAMA	1	1.6*	1	1.6*	1	1.6*	0	-	1	1.6*	0	-	1	1.6*	2	3.1*	3	4.6*		
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	1	7.5*	0	-	0	-		
TULARE	155	34.2	116	25.4	109	23.7	120	25.9	249	53.3	290	61.6	287	60.6	418	87.5	308	64.1		
TUOLUMNE	6	11.1*	0	-	0	-	1	1.9*	6	11.3*	6	11.4*	2	3.8*	1	1.9*	2	3.8*		
VENTURA	90	10.8	39	4.6	42	5.0	48	5.7	65	7.7	255	30.0	231	27.2	371	43.9	265	31.5		
YOLO	3	1.5*	0	-	3	1.4*	4	1.9*	6	2.8*	4	1.8*	3	1.4*	16	7.2*	9	4.1*		
YUBA	0	-	1	1.4*	0	-	0	-	0	-	3	3.9*	2	2.6*	5	6.4*	2	2.5*		

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.

Note: Data presented here includes cases reported to CDPH by September 20, 2020. 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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4,126	3,329	2,329	3,181	5,571	7,696	7,632	9,089	7,217	
JANUARY	515	269	257	217	290	371	1,033	743	713	
FEBRUARY	509	235	227	182	276	287	619	684	727	
MARCH	385	218	159	201	235	304	569	789	668	
APRIL	335	267	179	231	276	280	485	656	479	
MAY	318	367	192	174	211	337	544	691	439	
JUNE	313	284	170	215	309	454	492	601	509	
JULY	297	286	199	295	388	503	594	629	477	
AUGUST	324	285	169	259	615	743	636	753	584	
SEPTEMBER	301	233	193	328	733	837	586	745	594	
OCTOBER	271	293	192	407	958	1,221	709	993	709	
NOVEMBER	301	323	185	351	734	1,240	724	968	667	
DECEMBER	257	269	207	321	546	1,119	641	837	651	

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

Note: Data presented here includes cases reported to CDPH by September 20, 2020. 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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4,126	10.8	3,329	8.7	2,329	6.0	3,181	8.2	5,571	14.2	7,696	19.5	7,632	19.2	9,089	22.9	7,217	18.1
FEMALE	1,373	7.2	1,180	6.1	864	4.5	1,171	6.0	2,066	10.5	2,745	13.9	2,931	14.8	3,722	18.7	3,122	15.7
MALE	2,722	14.4	2,134	11.2	1,463	7.6	2,007	10.3	3,501	17.9	4,943	25.1	4,694	23.7	5,354	27.0	4,082	20.6
UNKNOWN	31	-	15	-	2	-	3	-	4	-	8	-	7	-	13	-	13	-

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 September 20, 2020. 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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4,126	10.8	3,329	8.7	2,329	6.0	3,181	8.2	5,571	14.2	7,696	19.5	7,632	19.2	9,089	22.9	7,217	18.1
0	9	1.8*	1	0.2*	2	0.4*	3	0.6*	3	0.6*	5	1.0*	8	1.7*	9	2.0*	8	1.8*
1-4	40	2.0	21	1.0	7	0.3*	15	0.7*	29	1.5	55	2.8	50	2.5	39	2.0	27	1.4
5-9	76	3.0	68	2.6	33	1.3	47	1.8	110	4.3	150	5.9	118	4.6	101	4.0	53	2.1
10-14	112	4.4	57	2.2	52	2.0	58	2.3	193	7.5	242	9.4	218	8.4	184	7.1	118	4.6
15-24	526	9.2	371	6.5	201	3.5	314	5.4	608	10.4	817	14.1	745	12.9	847	14.8	600	10.5
25-34	665	12.4	535	10.0	345	6.5	448	8.5	827	15.8	1,175	22.6	1,156	22.2	1,316	25.4	957	18.5
35-44	702	13.6	576	11.2	373	7.2	536	10.4	942	18.3	1,256	24.2	1,259	24.1	1,455	27.7	1,250	23.8
45-54	814	15.5	656	12.5	429	8.2	578	11.0	1,070	20.4	1,444	27.7	1,426	27.6	1,612	31.6	1,208	23.9
55-64	583	13.5	542	12.2	454	10.0	558	12.0	897	18.9	1,315	27.2	1,266	25.9	1,608	32.7	1,341	27.3
65+	583	12.6	484	10.0	423	8.4	612	11.7	885	16.3	1,233	21.9	1,377	23.6	1,904	31.4	1,647	26.2
UNKNOWN	16	-	18	-	10	-	12	-	7	-	4	-	9	-	14	-	8	-

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 September 20, 2020. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

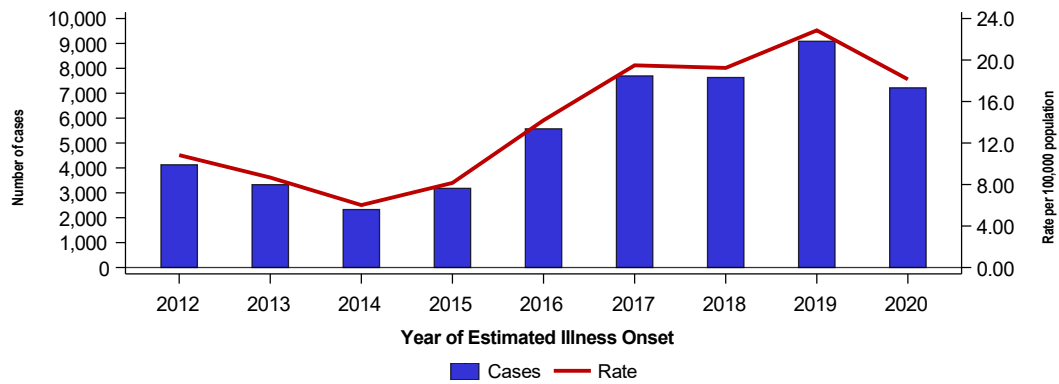
Coccidioidomycosis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4,126	3,329	2,329	3,181	5,571	7,696	7,632	9,089	7,217	
WHITE, NON-HISPANIC	871	733	577	802	1,247	1,736	1,723	1,719	1,523	
HISPANIC/LATINO	1,230	1,007	755	870	1,770	2,265	2,249	2,053	1,816	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	167	133	111	163	273	401	384	369	263	
BLACK, NON-HISPANIC	260	177	122	198	273	354	383	341	286	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	15	18	13	12	17	38	18	46	19	
MULTIPLE RACE, NON-HISPANIC	7	5	8	5	22	16	10	19	8	
OTHER, NON-HISPANIC	56	44	36	106	165	560	500	736	618	
UNKNOWN	1,520	1,212	707	1,025	1,804	2,326	2,365	3,806	2,684	

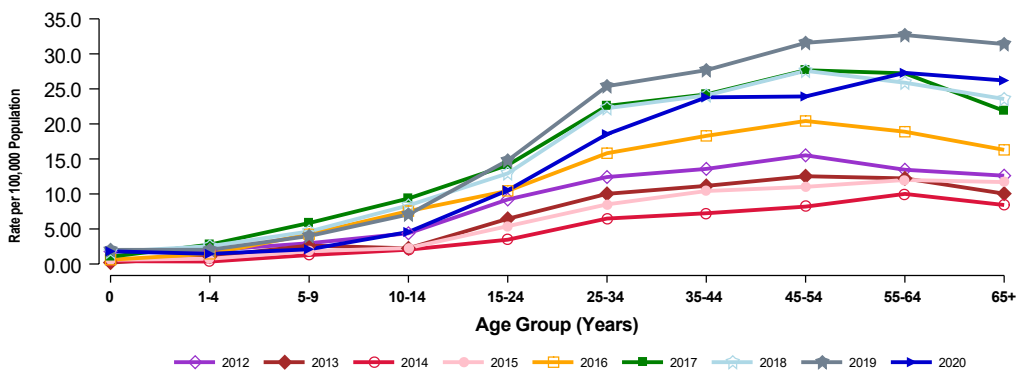
For inclusion/exclusion criteria, please refer to the Technical Notes.

Note: Data presented here includes cases reported to CDPH by September 20, 2020. For updated reported coccidioidomycosis data, please refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Coccidioidomycosis.aspx>.

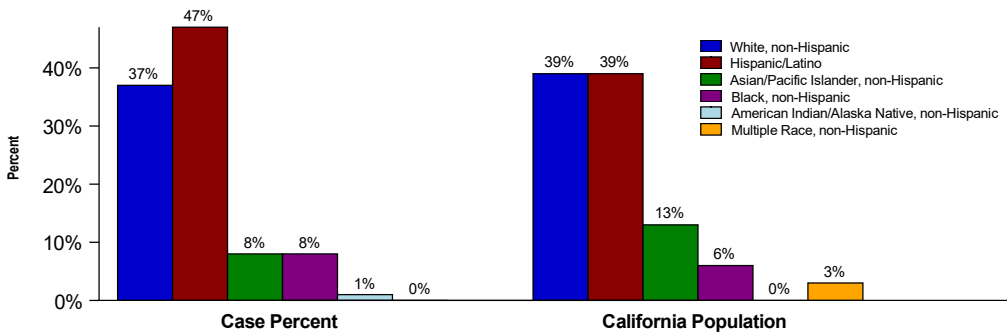
Coccidioidomycosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Coccidioidomycosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Coccidioidomycosis Cases and Population by Race/Ethnicity, California, 2012-2020



34.8% (n=17449) of reported incidents of Coccidioidomycosis did not identify race/ethnicity and 5.6% (n=2821) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	31	0.1	34	0.1	25	0.1	34	0.1	37	0.1	36	0.1	39	0.1	27	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	4	0.2*	0	-	0	-	2	0.1*	7	0.4*	1	0.1*	1	0.1*
ALAMEDA	1	0.1*	0	-	4	0.3*	0	-	0	-	2	0.1*	7	0.5*	1	0.1*	0	-
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	-	0	-	1	0.4*	0	-	1	0.4*	1	0.4*	1	0.4*	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	0	-	1	0.1*	1	0.1*	2	0.2*	0	-	1	0.1*	1	0.1*	2	0.2*	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	-	0	-	1	0.1*	0	-	1	0.1*	0	-	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	1	0.6*	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	0	-	0	-	2	0.2*	3	0.3*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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	4	0.0*	4	0.0*	5	0.0*	2	0.0*	7	0.1*	9	0.1*	6	0.1*	8	0.1*	6	0.1*
LOS ANGELES	4	0.0*	4	0.0*	5	0.1*	2	0.0*	7	0.1*	9	0.1*	6	0.1*	8	0.1*	6	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	1	0.7*	0	-	0	-	0	-	2	1.3*	0	-	0	-	0	-	0	-
MARIN	1	0.4*	1	0.4*	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	-	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	-	1	0.2*	1	0.2*	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	3	0.1*	2	0.1*	1	0.0*	3	0.1*	1	0.0*	2	0.1*	4	0.1*	2	0.1*	1	0.0*
PLACER	1	0.3*	0	-	0	-	0	-	1	0.3*	0	-	2	0.5*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	2	0.1*	0	-	0	-	1	0.0*	2	0.1*	2	0.1*	1	0.0*
SACRAMENTO	1	0.1*	0	-	1	0.1*	2	0.1*	2	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	2	0.1*	3	0.1*	2	0.1*	3	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-
SAN DIEGO	1	0.0*	9	0.3*	5	0.2*	4	0.1*	4	0.1*	8	0.2*	2	0.1*	9	0.3*	3	0.1*
SAN FRANCISCO	0	-	3	0.4*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
SAN LUIS OBISPO	0	-	1	0.4*	1	0.4*	0	-	4	1.4*	0	-	0	-	0	-	1	0.4*
SAN MATEO	0	-	1	0.1*	1	0.1*	1	0.1*	1	0.1*	3	0.4*	2	0.3*	1	0.1*	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	2	0.1*	1	0.1*	2	0.1*	4	0.2*	2	0.1*	4	0.2*	1	0.1*	1	0.1*	3	0.2*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	1	0.6*	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	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	2	0.4*	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-
STANISLAUS	0	-	0	-	1	0.2*	2	0.4*	0	-	1	0.2*	1	0.2*	0	-	0	-
SUTTER	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	0	-	2	0.2*	0	-	0	-	1	0.1*	2	0.2*	1	0.1*	1	0.1*	0	-
YOLO	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	0	-	1	0.5*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	21	31	34	25	34	37	36	39	27	
JANUARY	7	4	3	1	1	4	1	3	6	
FEBRUARY	0	0	3	1	3	4	4	2	3	
MARCH	2	2	2	1	4	4	3	6	2	
APRIL	0	0	3	2	1	5	0	3	2	
MAY	0	4	1	4	2	4	3	1	4	
JUNE	0	2	4	2	3	0	3	1	1	
JULY	2	1	1	0	6	1	3	3	2	
AUGUST	1	6	2	6	2	1	4	3	2	
SEPTEMBER	5	4	2	3	3	4	5	4	2	
OCTOBER	1	5	1	1	2	2	3	6	1	
NOVEMBER	1	1	7	1	4	2	3	3	2	
DECEMBER	2	2	5	3	3	6	4	4	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	31	0.1	34	0.1	25	0.1	34	0.1	37	0.1	36	0.1	39	0.1	27	0.1
FEMALE	14	0.1*	18	0.1*	14	0.1*	9	0.0*	19	0.1	21	0.1	16	0.1*	19	0.1	13	0.1*
MALE	7	0.0*	12	0.1*	20	0.1	16	0.1*	15	0.1*	16	0.1*	19	0.1	20	0.1	14	0.1*
UNKNOWN	0	-	1	-	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.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	31	0.1	34	0.1	25	0.1	34	0.1	37	0.1	36	0.1	39	0.1	27	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	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-
45-54	1	0.0*	5	0.1*	3	0.1*	3	0.1*	4	0.1*	2	0.0*	3	0.1*	2	0.0*	3	0.1*
55-64	6	0.1*	7	0.2*	9	0.2*	12	0.3*	12	0.3*	8	0.2*	12	0.2*	14	0.3*	10	0.2*
65+	13	0.3*	17	0.4*	21	0.4	10	0.2*	17	0.3*	27	0.5	20	0.3	23	0.4	14	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.

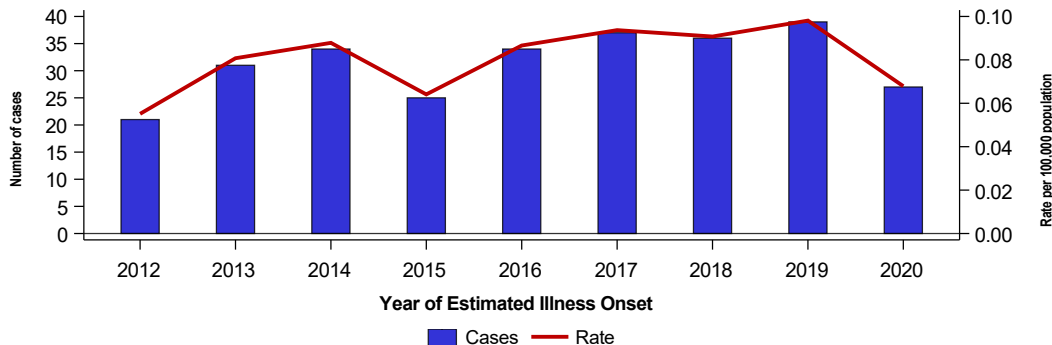
*Potentially unreliable rate: relative standard error 23 percent or more.

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Race/Ethnicity, California, 2012-2020

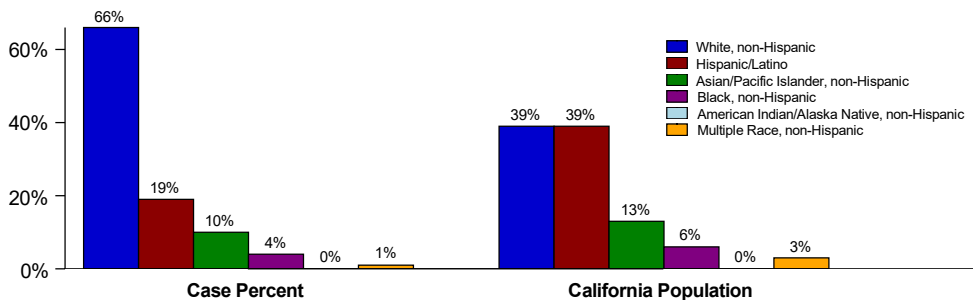
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	21	31	34	25	34	37	36	39	27	
WHITE, NON-HISPANIC	14	15	17	19	19	16	14	19	11	
HISPANIC/LATINO	1	7	5	1	3	5	6	7	6	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	3	0	1	1	4	1	4	3	4	
BLACK, NON-HISPANIC	0	2	2	1	0	2	1	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	1	
MULTIPLE RACE, NON-HISPANIC	0	0	2	0	0	1	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	3	0	0	0	
UNKNOWN	3	7	7	3	8	9	11	9	5	

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, 2012-2020



Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies Cases and Population by Race/Ethnicity, California, 2012-2020



21.8% (n=62) of reported incidents of Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies did not identify race/ethnicity and 1.1% (n=3) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012 CASES RATE	2013 CASES RATE	2014 CASES RATE	2015 CASES RATE	2016 CASES RATE	2017 CASES RATE	2018 CASES RATE	2019 CASES RATE	2020 CASES RATE	2020 CASES RATE
CALIFORNIA TOTAL	351 0.9	307 0.8	364 0.9	380 1.0	434 1.1	659 1.7	667 1.7	760 1.9	383 1.0	
ALAMEDA COUNTY TOTAL	22 1.4	15 1.0*	9 0.6*	10 0.6*	14 0.9*	28 1.7	20 1.2	27 1.6	9 0.5*	
ALAMEDA	18 1.3*	15 1.0*	9 0.6*	9 0.6*	14 0.9*	26 1.7	20 1.3	25 1.6	8 0.5*	
BERKELEY	4 3.5*	0 -	0 -	1 0.8*	0 -	2 1.7*	0 -	2 1.6*	1 0.8*	
ALPINE	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	
AMADOR	0 -	0 -	0 -	0 -	0 -	1 2.7*	0 -	0 -	0 -	
BUTTE	4 1.8*	21 9.5	5 2.2*	15 6.7*	17 7.6*	9 4.0*	18 7.9*	21 9.8	9 4.4*	
CALAVERAS	0 -	1 2.2*	0 -	0 -	1 2.2*	0 -	0 -	1 2.3*	0 -	
COLUSA	0 -	0 -	2 9.3*	0 -	1 4.6*	1 4.5*	0 -	0 -	0 -	
CONTRA COSTA	3 0.3*	12 1.1*	8 0.7*	6 0.5*	10 0.9*	6 0.5*	7 0.6*	9 0.8*	5 0.4*	
DEL NORTE	2 7.2*	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	
EL DORADO	2 1.1*	1 0.5*	0 -	1 0.5*	1 0.5*	3 1.6*	3 1.6*	7 3.7*	2 1.0*	
FRESNO	10 1.0*	8 0.8*	7 0.7*	13 1.3*	10 1.0*	13 1.3*	11 1.1*	16 1.6*	2 0.2*	
GLENN	0 -	0 -	0 -	0 -	0 -	2 7.0*	0 -	1 3.4*	0 -	
HUMBOLDT	12 8.9*	8 5.9*	4 3.0*	6 4.5*	3 2.2*	1 0.7*	2 1.5*	5 3.7*	1 0.8*	
IMPERIAL	1 0.6*	0 -	0 -	0 -	1 0.5*	1 0.5*	0 -	1 0.5*	2 1.1*	
INYO	0 -	1 5.4*	4 21.4*	2 10.7*	0 -	2 10.8*	2 10.8*	9 48.7*	5 27.1*	
KERN	9 1.0*	3 0.3*	8 0.9*	5 0.6*	6 0.7*	6 0.7*	17 1.9*	16 1.8*	11 1.2*	
KINGS	5 3.3*	2 1.3*	2 1.3*	1 0.7*	0 -	0 -	0 -	5 3.3*	1 0.6*	
LAKE	0 -	1 1.5*	0 -	1 1.5*	0 -	1 1.5*	0 -	0 -	0 -	
LASSEN	0 -	0 -	2 6.4*	2 6.6*	1 3.4*	1 3.4*	1 3.4*	0 -	0 -	
LOS ANGELES COUNTY TOTAL	54 0.5	53 0.5	90 0.9	61 0.6	105 1.0	168 1.6	183 1.8	178 1.7	112 1.1	
LOS ANGELES	48 0.5	48 0.5	79 0.8	54 0.6	97 1.0	150 1.6	175 1.8	161 1.7	99 1.0	
LONG BEACH	4 0.9*	5 1.1*	11 2.3*	5 1.1*	8 1.7*	17 3.6*	8 1.7*	14 3.0*	11 2.3*	
PASADENA	2 1.4*	0 -	0 -	2 1.4*	0 -	1 0.7*	0 -	3 2.1*	2 1.4*	
MADERA	0 -	0 -	0 -	0 -	0 -	2 1.3*	0 -	1 0.6*	0 -	
MARIN	7 2.7*	4 1.5*	3 1.1*	15 5.7*	17 6.5*	39 14.9	25 9.5	3 1.1*	4 1.5*	
MARIPOSA	0 -	0 -	0 -	0 -	1 5.5*	0 -	0 -	1 5.6*	0 -	
MENDOCINO	0 -	0 -	0 -	0 -	0 -	1 1.1*	4 4.5*	0 -	0 -	
MERCED	1 0.4*	0 -	0 -	0 -	1 0.4*	0 -	2 0.7*	2 0.7*	5 1.8*	
MODOC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	2 21.1*	0 -	
MONO	0 -	0 -	0 -	0 -	0 -	1 7.3*	0 -	2 14.7*	2 14.9*	
MONTEREY	1 0.2*	2 0.5*	1 0.2*	2 0.5*	6 1.4*	3 0.7*	4 0.9*	2 0.5*	0 -	
NAPA	4 2.9*	1 0.7*	3 2.1*	1 0.7*	0 -	4 2.8*	0 -	5 3.6*	1 0.7*	
NEVADA	1 1.0*	2 2.0*	0 -	2 2.0*	2 2.0*	1 1.0*	0 -	1 1.0*	0 -	
ORANGE	28 0.9	22 0.7	24 0.8	29 0.9	25 0.8	34 1.1	26 0.8	46 1.4	25 0.8	
PLACER	4 1.1*	2 0.5*	1 0.3*	3 0.8*	1 0.3*	2 0.5*	2 0.5*	3 0.8*	5 1.3*	
PLUMAS	0 -	0 -	0 -	0 -	1 5.4*	1 5.4*	1 5.5*	0 -	2 11.0*	
RIVERSIDE	15 0.7*	10 0.4*	9 0.4*	17 0.7*	22 0.9	19 0.8	31 1.3	51 2.1	19 0.8	
SACRAMENTO	8 0.6*	7 0.5*	6 0.4*	6 0.4*	11 0.7*	19 1.3	16 1.0*	19 1.2	18 1.2*	
SAN BENITO	0 -	0 -	1 1.7*	0 -	0 -	0 -	2 3.3*	9 14.5*	2 3.2*	
SAN BERNARDINO	8 0.4*	6 0.3*	10 0.5*	6 0.3*	9 0.4*	8 0.4*	15 0.7*	11 0.5*	7 0.3*	
SAN DIEGO	30 0.9	24 0.7	36 1.1	25 0.8	34 1.0	55 1.7	90 2.7	99 3.0	29 0.9	
SAN FRANCISCO	20 2.4	16 1.9*	17 2.0*	45 5.2	23 2.6	29 3.3	20 2.2	16 1.8*	9 1.0*	
SAN JOAQUIN	0 -	3 0.4*	1 0.1*	1 0.1*	1 0.1*	32 4.3	5 0.7*	8 1.0*	5 0.6*	
SAN LUIS OBISPO	7 2.6*	5 1.8*	8 2.9*	6 2.2*	8 2.9*	9 3.2*	9 3.2*	8 2.9*	3 1.1*	
SAN MATEO	38 5.1	18 2.4*	28 3.7	40 5.2	22 2.9	30 3.9	16 2.1*	33 4.3	9 1.2*	
SANTA BARBARA	2 0.5*	10 2.3*	11 2.5*	7 1.6*	15 3.4*	19 4.2	35 7.8	27 6.0	16 3.5*	
SANTA CLARA	19 1.0	23 1.2	27 1.4	16 0.8*	24 1.2	38 1.9	37 1.9	48 2.4	18 0.9*	
SANTA CRUZ	8 3.0*	1 0.4*	5 1.8*	4 1.5*	9 3.3*	12 4.4*	11 4.0*	6 2.2*	7 2.6*	
SHASTA	1 0.6*	1 0.6*	2 1.1*	1 0.6*	0 -	3 1.7*	1 0.6*	3 1.7*	2 1.1*	
SIERRA	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	
SISKIYOU	2 4.5*	4 8.9*	2 4.5*	1 2.2*	0 -	0 -	0 -	2 4.5*	0 -	
SOLANO	1 0.2*	3 0.7*	0 -	3 0.7*	2 0.5*	5 1.1*	1 0.2*	3 0.7*	0 -	
SONOMA	7 1.4*	2 0.4*	4 0.8*	5 1.0*	3 0.6*	7 1.4*	6 1.2*	7 1.4*	5 1.0*	
STANISLAUS	5 1.0*	2 0.4*	0 -	1 0.2*	1 0.2*	4 0.7*	4 0.7*	1 0.2*	4 0.7*	
SUTTER	0 -	3 3.1*	0 -	1 1.0*	0 -	0 -	0 -	0 -	1 1.0*	
TEHAMA	0 -	0 -	0 -	0 -	0 -	2 3.1*	0 -	4 6.1*	1 1.5*	
TRINITY	0 -	0 -	0 -	0 -	0 -	0 -	0 -	1 7.5*	0 -	
TULARE	2 0.4*	7 1.5*	10 2.2*	8 1.7*	8 1.7*	12 2.5*	6 1.3*	15 3.1*	5 1.0*	
TUOLUMNE	0 -	0 -	0 -	0 -	1 1.9*	1 1.9*	1 1.9*	1 1.9*	0 -	
VENTURA	3 0.4*	0 -	8 0.9*	7 0.8*	15 1.8*	17 2.0*	27 3.2	21 2.5	16 1.9*	
YOLO	4 1.9*	2 1.0*	4 1.9*	4 1.9*	2 0.9*	7 3.2*	4 1.8*	3 1.4*	3 1.4*	
YUBA	1 1.4*	1 1.4*	2 2.7*	1 1.3*	0 -	0 -	2 2.6*	0 -	1 1.3*	

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.

Cryptosporidiosis

Cryptosporidiosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	351	307	364	380	434	659	667	760	383	
JANUARY	26	29	30	30	32	32	43	53	69	
FEBRUARY	13	21	23	18	32	26	36	31	47	
MARCH	24	12	27	32	21	29	36	33	26	
APRIL	34	22	33	21	18	27	35	53	15	
MAY	31	19	35	31	31	40	44	48	32	
JUNE	26	28	24	29	33	57	63	78	30	
JULY	44	45	33	30	50	93	97	99	25	
AUGUST	45	31	48	42	68	107	82	82	40	
SEPTEMBER	31	26	41	43	43	87	69	71	28	
OCTOBER	41	32	25	36	38	68	56	76	34	
NOVEMBER	20	22	24	29	38	44	53	75	22	
DECEMBER	16	20	21	39	30	49	53	61	15	

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

Cryptosporidiosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	351	0.9	307	0.8	364	0.9	380	1.0	434	1.1	659	1.7	667	1.7	760	1.9	383	1.0
FEMALE	182	1.0	125	0.6	158	0.8	143	0.7	179	0.9	299	1.5	282	1.4	371	1.9	143	0.7
MALE	168	0.9	167	0.9	195	1.0	235	1.2	253	1.3	359	1.8	385	1.9	385	1.9	237	1.2
UNKNOWN	1	-	15	-	11	-	2	-	2	-	1	-	0	-	4	-	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.

Cryptosporidiosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	351	0.9	307	0.8	364	0.9	380	1.0	434	1.1	659	1.7	667	1.7	760	1.9	383	1.0
0	2	0.4*	1	0.2*	3	0.6*	2	0.4*	3	0.6*	7	1.5*	3	0.7*	1	0.2*	4	0.9*
1-4	12	0.6*	14	0.7*	19	0.9	22	1.1	32	1.6	50	2.5	35	1.8	38	2.0	16	0.9*
5-9	19	0.7	18	0.7*	16	0.6*	25	1.0	29	1.1	26	1.0	31	1.2	27	1.1	16	0.6*
10-14	11	0.4*	14	0.5*	15	0.6*	18	0.7*	30	1.2	37	1.4	25	1.0	37	1.4	7	0.3*
15-24	53	0.9	40	0.7	54	0.9	43	0.7	52	0.9	91	1.6	93	1.6	100	1.7	43	0.8
25-34	53	1.0	52	1.0	79	1.5	75	1.4	74	1.4	147	2.8	135	2.6	146	2.8	98	1.9
35-44	49	0.9	45	0.9	55	1.1	54	1.0	56	1.1	96	1.9	101	1.9	120	2.3	55	1.0
45-54	48	0.9	56	1.1	53	1.0	57	1.1	65	1.2	68	1.3	98	1.9	95	1.9	48	1.0
55-64	48	1.1	30	0.7	30	0.7	45	1.0	49	1.0	64	1.3	66	1.3	87	1.8	42	0.9
65+	53	1.1	33	0.7	37	0.7	39	0.7	43	0.8	73	1.3	80	1.4	109	1.8	54	0.9
UNKNOWN	3	-	4	-	3	-	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.

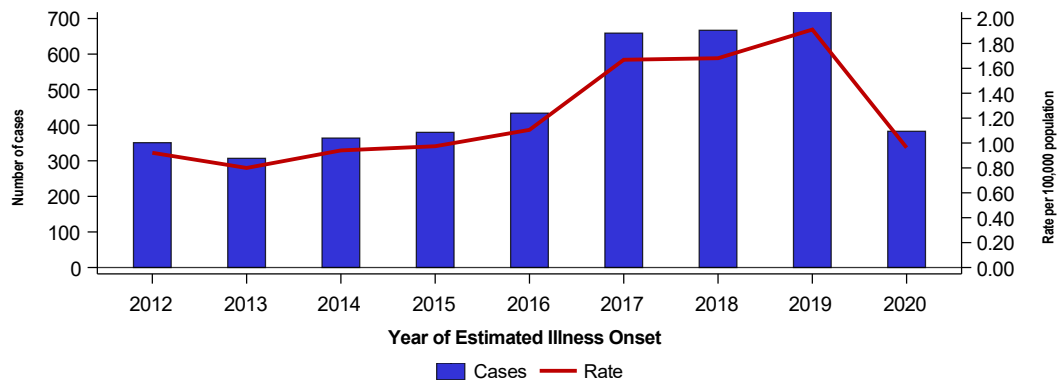
*Potentially unreliable rate: relative standard error 23 percent or more.

Cryptosporidiosis, Cases by Race/Ethnicity, California, 2012-2020

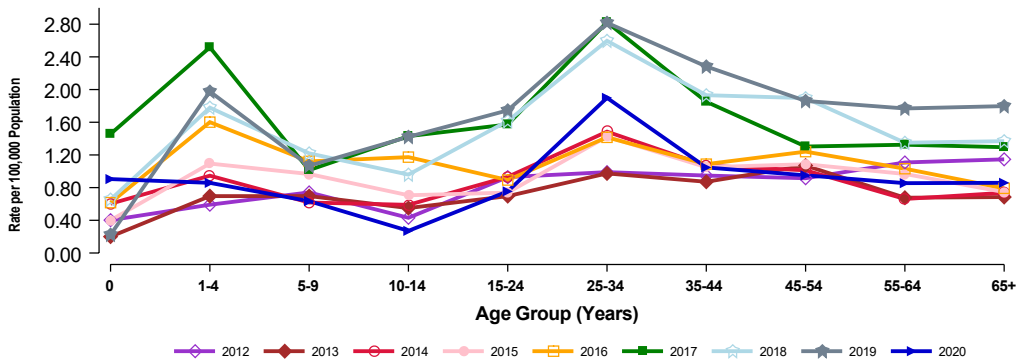
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	351	307	364	380	434	659	667	760	383	
WHITE, NON-HISPANIC	124	112	123	162	167	248	265	267	135	
HISPANIC/LATINO	52	50	67	67	90	153	149	185	83	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	8	11	15	15	17	39	21	31	8	
BLACK, NON-HISPANIC	8	17	20	22	18	26	21	19	20	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	4	0	2	0	0	1	3	0	0	
MULTIPLE RACE, NON-HISPANIC	0	4	2	1	0	0	2	2	4	
OTHER, NON-HISPANIC	4	2	7	11	14	30	31	50	28	
UNKNOWN	151	111	128	102	128	162	175	206	105	

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

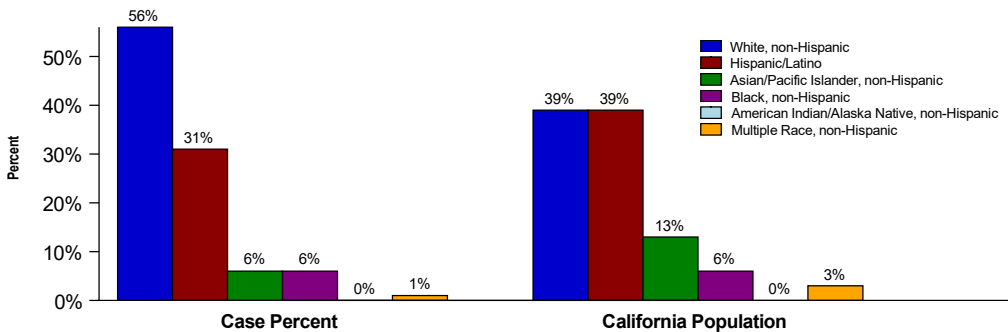
Cryptosporidiosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Cryptosporidiosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Cryptosporidiosis Cases and Population by Race/Ethnicity, California, 2012-2020



29.5% (n=1268) of reported incidents of Cryptosporidiosis did not identify race/ethnicity and 4.1% (n=177) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012	2013	2014	2015	2016	2017	2018	2019	2020									
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE								
CALIFORNIA TOTAL	2	0.0*	2	0.0*	3	0.0*	15	0.0*	22	0.1	64	0.2	172	0.4	90	0.2	18	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	2	0.1*	6	0.4*	0	-	0	-
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	4	0.3*	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	1	0.8*	2	1.6*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	1	2.6*	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	-	2	0.2*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.5*	0	-	2	1.1*	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	-	1	0.1*	0	-	0	-	4	0.4*	3	0.3*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	1	0.0*	1	0.0*	6	0.1*	16	0.2*	33	0.3	30	0.3	3	0.0*
LOS ANGELES	0	-	0	-	1	0.0*	0	-	4	0.0*	14	0.1*	29	0.3	27	0.3	3	0.0*
LONG BEACH	0	-	0	-	0	-	1	0.2*	2	0.4*	2	0.4*	4	0.8*	3	0.6*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	2	0.8*	2	0.8*	1	0.4*
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	-	1	0.2*	1	0.2*	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	2	0.1*	6	0.2*	8	0.3*	2	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-	1	0.3*	3	0.8*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*	0	-	0	-	3	0.1*	1	0.0*	3	0.1*	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	1	1.6*
SAN BERNARDINO	1	0.0*	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	1	0.0*	5	0.2*	8	0.2*	10	0.3*	3	0.1*
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	0	-	4	0.5*	35	3.9	4	0.4*	2	0.2*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	2	0.7*	0	-
SAN MATEO	0	-	0	-	0	-	3	0.4*	2	0.3*	4	0.5*	25	3.2	3	0.4*	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	2	0.5*	1	0.2*	3	0.7*	1	0.2*	5	1.1*	1	0.2*
SANTA CLARA	0	-	0	-	0	-	3	0.2*	3	0.2*	8	0.4*	29	1.5	5	0.3*	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	-	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	1	1.0*	0	-	2	2.0*	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	-	0	-	0	-	0	-	0	-	5	1.1*	0	-	0	-	2	0.4*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	2	0.2*	4	0.5*	9	1.1*	5	0.6*	8	0.9*	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	1	1.3*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	2	2	3	15	22	64	172	90	18	
JANUARY	1	0	0	0	0	0	0	2	0	
FEBRUARY	0	0	0	0	0	0	1	3	1	
MARCH	0	0	0	0	1	1	0	0	1	
APRIL	0	0	0	1	0	0	4	2	0	
MAY	0	0	0	2	3	6	54	7	0	
JUNE	0	0	1	3	3	27	63	42	1	
JULY	0	2	2	6	4	20	31	21	9	
AUGUST	0	0	0	1	6	4	12	6	3	
SEPTEMBER	0	0	0	0	4	1	4	3	2	
OCTOBER	0	0	0	1	1	2	1	1	0	
NOVEMBER	1	0	0	1	0	2	1	2	1	
DECEMBER	0	0	0	0	0	1	1	1	0	

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

Cyclosporiasis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	3	0.0*	15	0.0*	22	0.1	64	0.2	172	0.4	90	0.2	18	0.0*
FEMALE	1	0.0*	2	0.0*	2	0.0*	8	0.0*	10	0.1*	29	0.1	82	0.4	44	0.2	9	0.0*
MALE	1	0.0*	0	-	1	0.0*	7	0.0*	12	0.1*	35	0.2	90	0.5	45	0.2	9	0.0*
UNKNOWN	0	-	0	-	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.

Cyclosporiasis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	3	0.0*	15	0.0*	22	0.1	64	0.2	172	0.4	90	0.2	18	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
5-9	0	-	0	-	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	0	-
10-14	0	-	0	-	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*
15-24	0	-	0	-	0	-	0	-	4	0.1*	2	0.0*	14	0.2*	5	0.1*	0	-
25-34	0	-	0	-	0	-	4	0.1*	3	0.1*	12	0.2*	19	0.4	5	0.1*	2	0.0*
35-44	1	0.0*	1	0.0*	0	-	2	0.0*	3	0.1*	11	0.2*	43	0.8	18	0.3*	4	0.1*
45-54	1	0.0*	0	-	1	0.0*	3	0.1*	2	0.0*	13	0.2*	30	0.6	20	0.4	4	0.1*
55-64	0	-	1	0.0*	1	0.0*	3	0.1*	6	0.1*	5	0.1*	27	0.6	18	0.4*	1	0.0*
65+	0	-	0	-	1	0.0*	3	0.1*	3	0.1*	19	0.3	21	0.4	22	0.4	4	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	1	-	0	-	14	-	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.

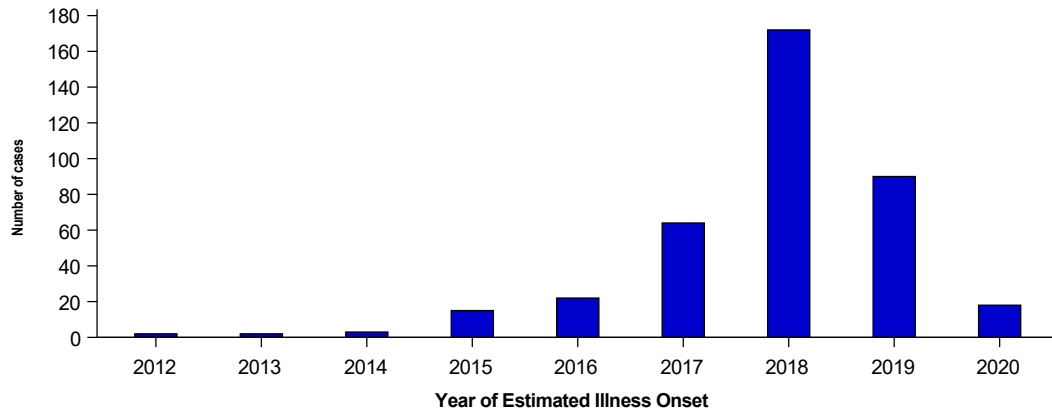
*Potentially unreliable rate: relative standard error 23 percent or more.

Cyclosporiasis, Cases by Race/Ethnicity, California, 2012-2020

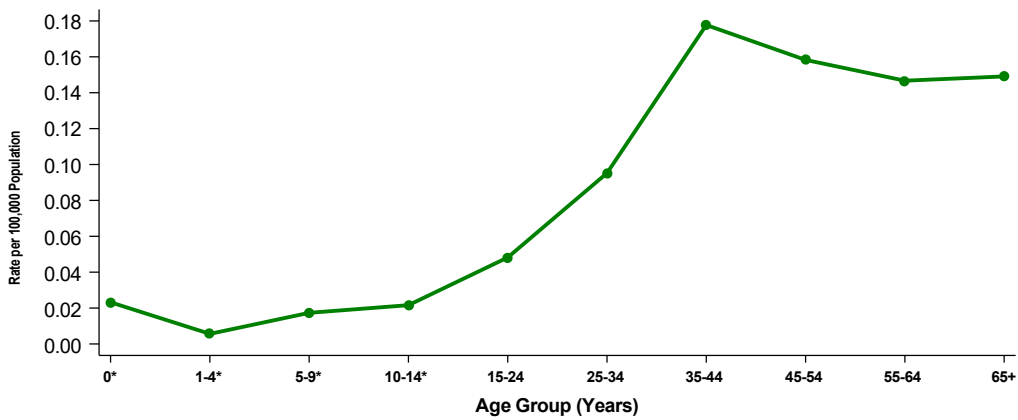
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	2	2	3	15	22	64	172	90	18	
WHITE, NON-HISPANIC	1	2	1	5	6	30	60	28	8	
HISPANIC/LATINO	0	0	1	4	7	13	23	35	5	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	0	0	1	0	3	7	0	0	
BLACK, NON-HISPANIC	0	0	1	0	0	0	2	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	5	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	1	9	3	1	
UNKNOWN	0	0	0	5	9	17	66	24	4	

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

Cyclosporiasis Cases by Year of Estimated Illness Onset, California, 2012-2020

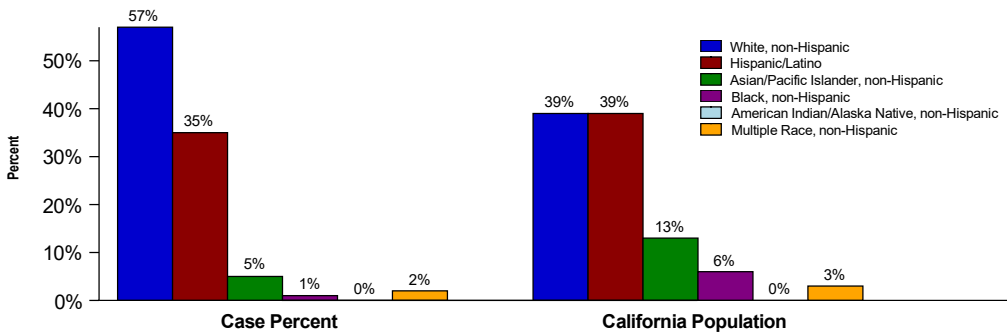


Cyclosporiasis Average Incidence Rates by Age Group, California, 2012-2020



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

Cyclosporiasis Cases and Population by Race/Ethnicity, California, 2012-2020



32.2% (n=125) of reported incidents of Cyclosporiasis did not identify race/ethnicity and 3.6% (n=14) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	34	0.1	23	0.1	27	0.1	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	1	0.1*	3	0.2*	2	0.1*	1	0.1*	1	0.1*	3	0.2*
ALAMEDA	0	-	0	-	1	0.1*	1	0.1*	2	0.1*	2	0.1*	1	0.1*	1	0.1*	3	0.2*
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	-	1	0.4*	1	0.4*	0	-	1	0.4*	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	1	0.1*	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	1	0.1*	0	-	3	0.3*	1	0.1*	2	0.2*	2	0.2*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
KINGS	1	0.7*	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	1	0.6*
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*	4	0.0*	7	0.1*	11	0.1*	7	0.1*	9	0.1*	4	0.0*	6	0.1*	1	0.0*
LOS ANGELES	13	0.1*	4	0.0*	7	0.1*	11	0.1*	4	0.0*	7	0.1*	4	0.0*	6	0.1*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	3	0.6*	1	0.2*	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	1	0.7*	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	-	1	0.4*	2	0.7*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	2	0.5*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	2	1.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	1	0.0*	3	0.1*	4	0.1*	5	0.2*	6	0.2*	2	0.1*	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	1	0.3*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	3	0.1*	2	0.1*	7	0.3*	2	0.1*	0	-	3	0.1*	0	-	0	-
SACRAMENTO	3	0.2*	1	0.1*	0	-	0	-	1	0.1*	2	0.1*	1	0.1*	1	0.1*	1	0.1*
SAN BENITO	0	-	0	-	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	1	0.0*	1	0.0*	2	0.1*	2	0.1*	0	-	0	-	1	0.0*	0	-
SAN DIEGO	2	0.1*	2	0.1*	4	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.1*
SAN FRANCISCO	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-
SAN JOAQUIN	2	0.3*	0	-	2	0.3*	2	0.3*	2	0.3*	0	-	1	0.1*	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	1	0.2*	1	0.2*	2	0.5*	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*
SANTA CLARA	2	0.1*	0	-	0	-	0	-	3	0.2*	0	-	0	-	2	0.1*	1	0.1*
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	-	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	1	0.2*	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*	3	0.7*	0	-	1	0.2*	1	0.2*	2	0.4*	1	0.2*	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
YOLO	0	-	1	0.5*	0	-	0	-	0	-	0	-	2	0.9*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	34	23	27	33	35	29	20	16	14	
JANUARY	2	4	0	3	3	2	1	2	1	
FEBRUARY	6	3	4	3	1	4	0	2	0	
MARCH	5	3	0	5	4	1	1	0	2	
APRIL	0	2	5	3	2	4	2	1	2	
MAY	3	0	3	1	3	2	4	1	1	
JUNE	4	3	3	2	5	2	4	3	3	
JULY	3	1	2	4	5	5	0	3	1	
AUGUST	3	1	2	1	3	2	1	3	0	
SEPTEMBER	1	1	3	4	1	4	3	0	1	
OCTOBER	2	1	2	5	3	2	2	0	2	
NOVEMBER	3	2	2	1	3	1	0	0	0	
DECEMBER	2	2	1	1	2	0	2	1	1	

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

Cysticercosis or Taeniasis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	34	0.1	23	0.1	27	0.1	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	0.0*
FEMALE	17	0.1*	7	0.0*	10	0.1*	8	0.0*	16	0.1*	13	0.1*	8	0.0*	7	0.0*	6	0.0*
MALE	17	0.1*	16	0.1*	17	0.1*	25	0.1	19	0.1	16	0.1*	12	0.1*	9	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.

Cysticercosis or Taeniasis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	34	0.1	23	0.1	27	0.1	33	0.1	35	0.1	29	0.1	20	0.1	16	0.0*	14	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	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*
15-24	5	0.1*	6	0.1*	1	0.0*	2	0.0*	2	0.0*	6	0.1*	1	0.0*	3	0.1*	3	0.1*
25-34	10	0.2*	7	0.1*	7	0.1*	6	0.1*	7	0.1*	2	0.0*	4	0.1*	4	0.1*	1	0.0*
35-44	13	0.3*	3	0.1*	6	0.1*	12	0.2*	13	0.3*	7	0.1*	5	0.1*	4	0.1*	1	0.0*
45-54	2	0.0*	5	0.1*	5	0.1*	5	0.1*	5	0.1*	7	0.1*	8	0.2*	5	0.1*	5	0.1*
55-64	3	0.1*	1	0.0*	6	0.1*	5	0.1*	5	0.1*	5	0.1*	2	0.0*	0	-	1	0.0*
65+	1	0.0*	1	0.0*	1	0.0*	2	0.0*	3	0.1*	2	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.

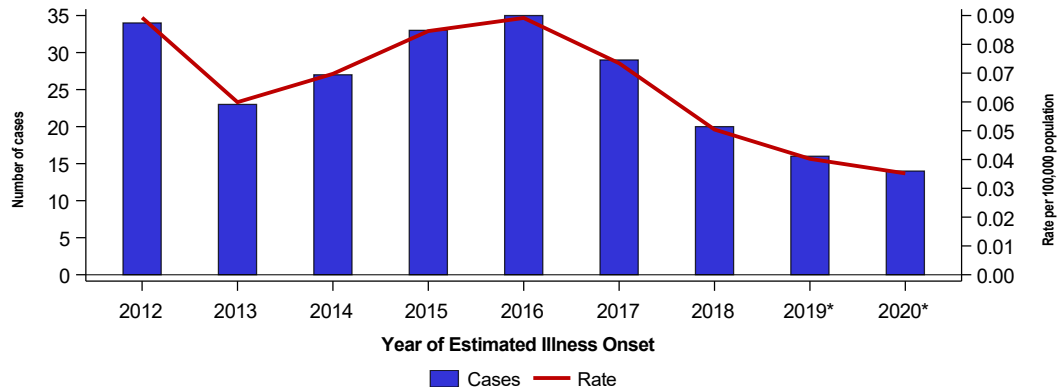
*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	34	23	27	33	35	29	20	16	14	
WHITE, NON-HISPANIC	2	0	3	2	0	0	0	0	0	
HISPANIC/LATINO	22	20	17	25	20	21	11	11	7	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	0	2	1	3	4	2	1	2	
BLACK, NON-HISPANIC	2	1	1	2	2	1	1	1	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	1	0	0	0	
OTHER, NON-HISPANIC	1	0	0	0	1	0	0	0	1	
UNKNOWN	6	2	4	3	9	2	6	3	3	

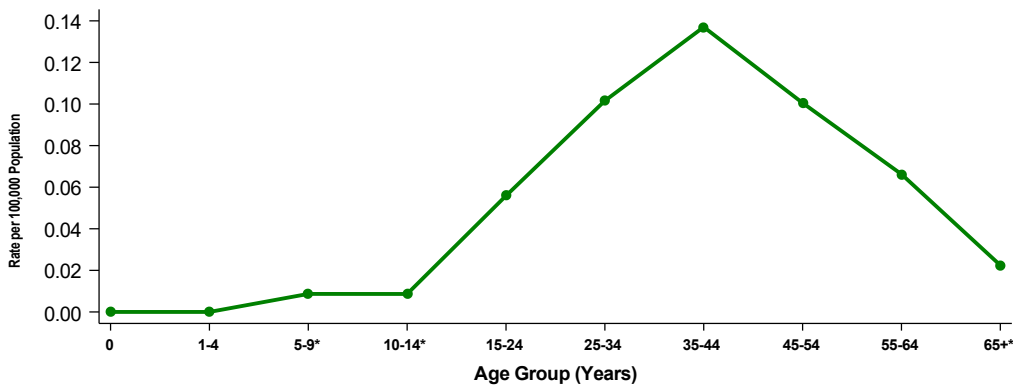
For inclusion/exclusion criteria, please refer to the Technical Notes.

Cysticercosis or Taeniasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



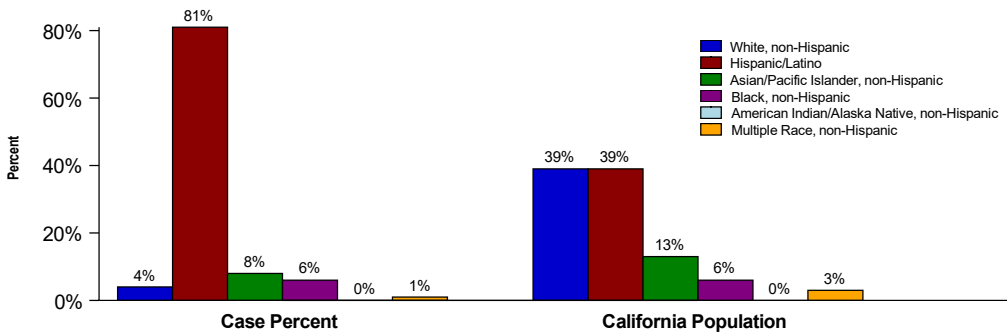
*Potentially unreliable rate: relative standard error 23 percent or more.

Cysticercosis or Taeniasis Average Incidence Rates by Age Group, California, 2012-2020



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

Cysticercosis or Taeniasis Cases and Population by Race/Ethnicity, California, 2012-2020



16.5% (n=38) of reported incidents of Cysticercosis or Taeniasis did not identify race/ethnicity and 1.3% (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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	88	0.2	126	0.3	130	0.3	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2
ALAMEDA COUNTY TOTAL	12	0.8*	18	1.1*	5	0.3*	15	0.9*	16	1.0*	20	1.2	7	0.4*	23	1.4	5	0.3*
ALAMEDA	9	0.6*	14	1.0*	5	0.3*	13	0.9*	12	0.8*	18	1.2*	7	0.5*	23	1.5	4	0.3*
BERKELEY	3	2.6*	4	3.4*	0	-	2	1.7*	4	3.3*	2	1.7*	0	-	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.8*	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	1	0.4*	0	-	0	-	1	0.4*	0	-	2	0.9*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	4	0.4*	3	0.3*	3	0.3*	7	0.6*	10	0.9*	4	0.4*	6	0.5*	17	1.5*	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.5*	2	1.1*	0	-	1	0.5*	1	0.5*
FRESNO	1	0.1*	3	0.3*	2	0.2*	1	0.1*	6	0.6*	2	0.2*	0	-	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	3	1.6*	1	0.5*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	2	0.2*	3	0.3*	1	0.1*	0	-	0	-	3	0.3*	1	0.1*	2	0.2*
KINGS	0	-	2	1.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	1	3.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	15	0.2*	25	0.2	36	0.4	36	0.4	50	0.5	20	0.2	28	0.3	56	0.5	22	0.2
LOS ANGELES	14	0.1*	21	0.2	33	0.3	30	0.3	47	0.5	19	0.2	24	0.3	52	0.5	19	0.2
LONG BEACH	1	0.2*	3	0.6*	3	0.6*	5	1.1*	0	-	1	0.2*	3	0.6*	2	0.4*	3	0.6*
PASADENA	0	-	1	0.7*	0	-	1	0.7*	3	2.1*	0	-	1	0.7*	2	1.4*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	4	1.5*	1	0.4*	1	0.4*	3	1.1*	2	0.8*	0	-	3	1.1*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	1	0.4*	1	0.4*
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	-	1	0.2*	2	0.5*	1	0.2*	3	0.7*	0	-	1	0.2*	0	-
NAPA	0	-	3	2.1*	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	2	1.4*
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-
ORANGE	4	0.1*	7	0.2*	17	0.5*	12	0.4*	12	0.4*	10	0.3*	12	0.4*	19	0.6	7	0.2*
PLACER	0	-	1	0.3*	0	-	3	0.8*	2	0.5*	1	0.3*	1	0.3*	3	0.8*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	4	0.2*	4	0.2*	5	0.2*	6	0.3*	3	0.1*	1	0.0*	1	0.0*	7	0.3*	3	0.1*
SACRAMENTO	4	0.3*	2	0.1*	3	0.2*	6	0.4*	3	0.2*	6	0.4*	1	0.1*	10	0.6*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-
SAN BERNARDINO	4	0.2*	3	0.1*	7	0.3*	2	0.1*	7	0.3*	3	0.1*	0	-	6	0.3*	3	0.1*
SAN DIEGO	9	0.3*	12	0.4*	8	0.2*	12	0.4*	23	0.7	9	0.3*	9	0.3*	26	0.8	4	0.1*
SAN FRANCISCO	3	0.4*	3	0.4*	7	0.8*	4	0.5*	4	0.5*	2	0.2*	3	0.3*	14	1.6*	1	0.1*
SAN JOAQUIN	0	-	2	0.3*	0	-	0	-	3	0.4*	2	0.3*	0	-	2	0.3*	2	0.3*
SAN LUIS OBISPO	1	0.4*	0	-	2	0.7*	1	0.4*	1	0.4*	1	0.4*	1	0.4*	5	1.8*	0	-
SAN MATEO	4	0.5*	5	0.7*	6	0.8*	11	1.4*	10	1.3*	3	0.4*	8	1.0*	8	1.0*	4	0.5*
SANTA BARBARA	1	0.2*	4	0.9*	0	-	3	0.7*	5	1.1*	1	0.2*	0	-	1	0.2*	0	-
SANTA CLARA	13	0.7*	10	0.5*	13	0.7*	11	0.6*	20	1.0	24	1.2	14	0.7*	40	2.0	7	0.4*
SANTA CRUZ	1	0.4*	2	0.7*	0	-	3	1.1*	1	0.4*	2	0.7*	1	0.4*	1	0.4*	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	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	-	3	0.7*	4	0.9*	2	0.5*	2	0.5*	0	-
SONOMA	3	0.6*	3	0.6*	5	1.0*	0	-	2	0.4*	1	0.2*	0	-	4	0.8*	5	1.0*
STANISLAUS	0	-	1	0.2*	0	-	1	0.2*	4	0.7*	2	0.4*	2	0.4*	0	-	2	0.4*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	3	3.0*
TEHAMA	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	1	1.9*	0	-	1	1.9*	1	1.9*	0	-
VENTURA	2	0.2*	2	0.2*	1	0.1*	0	-	3	0.4*	3	0.4*	2	0.2*	6	0.7*	3	0.4*
YOLO	1	0.5*	1	0.5*	2	1.0*	1	0.5*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	1	1.3*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	88	126	130	144	201	132	107	266	84	
JANUARY	1	4	11	10	28	11	6	11	25	
FEBRUARY	4	4	2	9	19	8	1	1	4	
MARCH	2	6	4	6	15	5	1	5	5	
APRIL	4	4	2	10	10	2	3	13	0	
MAY	4	4	7	9	8	5	5	10	1	
JUNE	8	6	11	11	10	5	10	10	5	
JULY	10	19	18	14	27	18	18	34	2	
AUGUST	20	21	17	17	30	23	16	57	11	
SEPTEMBER	5	9	8	11	18	19	6	33	8	
OCTOBER	10	22	20	15	19	20	17	47	10	
NOVEMBER	11	19	18	12	10	12	16	29	9	
DECEMBER	9	8	12	20	7	4	8	16	4	

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

Dengue Virus Infection, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	88	0.2	126	0.3	130	0.3	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2
FEMALE	42	0.2	54	0.3	65	0.3	83	0.4	107	0.5	67	0.3	51	0.3	144	0.7	45	0.2
MALE	46	0.2	71	0.4	65	0.3	61	0.3	92	0.5	65	0.3	56	0.3	122	0.6	39	0.2
UNKNOWN	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.

Dengue Virus Infection, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	88	0.2	126	0.3	130	0.3	144	0.4	201	0.5	132	0.3	107	0.3	266	0.7	84	0.2
0	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	3	0.2*	1	0.1*	0	-	3	0.2*	0	-
5-9	3	0.1*	2	0.1*	4	0.2*	4	0.2*	4	0.2*	4	0.2*	3	0.1*	9	0.4*	3	0.1*
10-14	4	0.2*	9	0.4*	2	0.1*	4	0.2*	5	0.2*	6	0.2*	6	0.2*	16	0.6*	3	0.1*
15-24	8	0.1*	23	0.4	17	0.3*	18	0.3*	17	0.3*	18	0.3*	14	0.2*	26	0.5	10	0.2*
25-34	19	0.4	13	0.2*	16	0.3*	35	0.7	44	0.8	31	0.6	16	0.3*	44	0.8	13	0.3*
35-44	12	0.2*	26	0.5	25	0.5	20	0.4	49	1.0	28	0.5	22	0.4	43	0.8	11	0.2*
45-54	21	0.4	21	0.4	24	0.5	31	0.6	35	0.7	19	0.4	11	0.2*	45	0.9	10	0.2*
55-64	11	0.3*	19	0.4	32	0.7	19	0.4	25	0.5	12	0.2*	16	0.3*	41	0.8	15	0.3*
65+	7	0.2*	11	0.2*	9	0.2*	12	0.2*	19	0.3	12	0.2*	19	0.3	39	0.6	19	0.3
UNKNOWN	2	-	2	-	1	-	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.

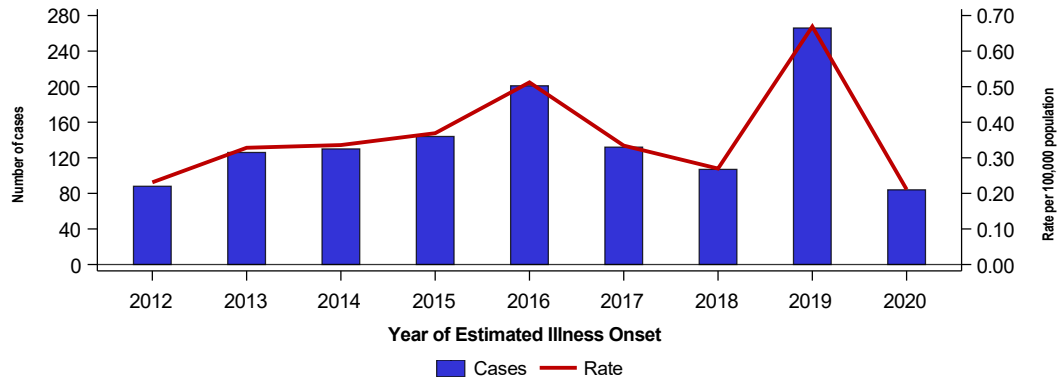
*Potentially unreliable rate: relative standard error 23 percent or more.

Dengue Virus Infection, Cases by Race/Ethnicity, California, 2012-2020

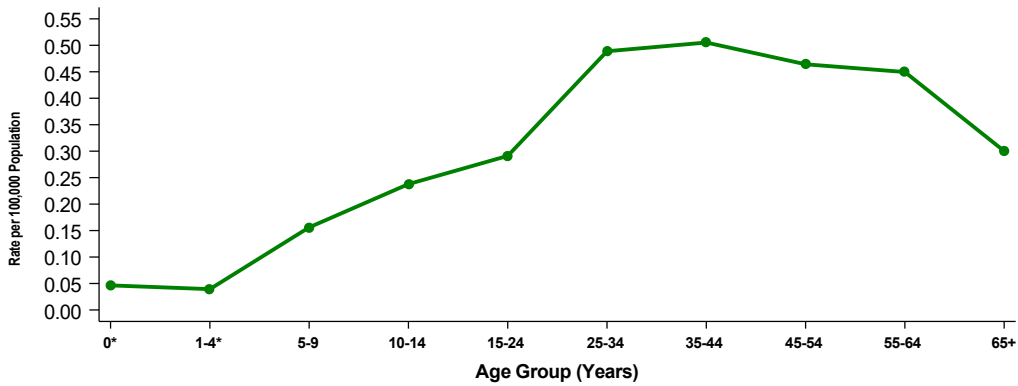
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	88	126	130	144	201	132	107	266	84	
WHITE, NON-HISPANIC	15	32	30	30	48	9	24	36	11	
HISPANIC/LATINO	15	29	38	43	53	22	23	89	38	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	30	30	24	32	43	58	29	44	11	
BLACK, NON-HISPANIC	4	0	1	0	2	0	1	3	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	1	0	0	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	1	1	0	2	0	
OTHER, NON-HISPANIC	3	2	3	3	5	2	4	10	7	
UNKNOWN	20	33	33	36	49	40	26	82	17	

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

Dengue Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020

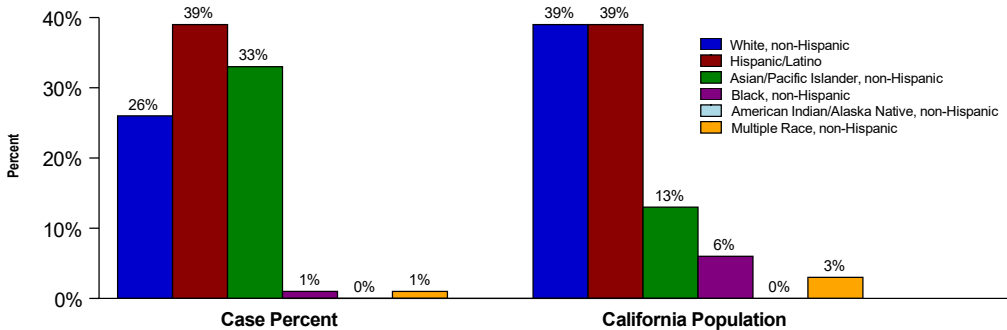


Dengue Virus Infection Average Incidence Rates by Age Group, California, 2012-2020



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

Dengue Virus Infection Cases and Population by Race/Ethnicity, California, 2012-2020



26.3% (n=336) of reported incidents of Dengue Virus Infection did not identify race/ethnicity and 3.1% (n=39) 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 2012-2020

Ehrlichiosis

Ehrlichiosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	3	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	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	-	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	-	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	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
LOS ANGELES	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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	-	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	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
SAN DIEGO	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*
SAN FRANCISCO	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	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	-	1	0.2*	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	-	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.

Ehrlichiosis

Ehrlichiosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	3	3	1	1	1	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	0	0	0	1	
APRIL	0	0	0	0	0	0	1	0	0	
MAY	2	0	0	1	0	0	0	0	0	
JUNE	1	0	0	0	0	1	0	1	0	
JULY	0	3	0	0	1	1	0	0	1	
AUGUST	0	0	0	0	0	1	0	0	0	
SEPTEMBER	0	0	0	0	0	0	1	0	0	
OCTOBER	0	0	0	0	0	0	1	0	0	
NOVEMBER	0	0	1	0	0	0	0	1	1	
DECEMBER	0	0	0	0	0	0	0	0	0	

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

Ehrlichiosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	3	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*
FEMALE	1	0.0*	2	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*
MALE	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.0*	3	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.

Ehrlichiosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	3	0.0*	1	0.0*	1	0.0*	1	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	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
25-34	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
35-44	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-
55-64	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*
65+	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	2	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.

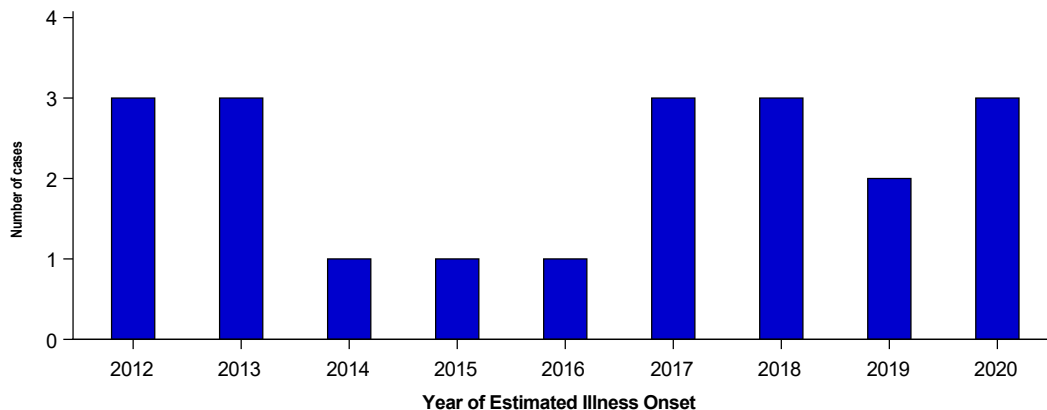
*Potentially unreliable rate: relative standard error 23 percent or more.

Ehrlichiosis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	3	3	1	1	1	3	3	2	3	
WHITE, NON-HISPANIC	2	1	0	0	0	1	2	0	1	
HISPANIC/LATINO	0	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	1	
UNKNOWN	1	2	1	1	1	2	0	2	1	

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

Ehrlichiosis Cases by Year of Estimated Illness Onset, California, 2012-2020



Flavivirus Infection of Undetermined Species

Flavivirus Infection of Undetermined Species, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2012		2013		2014		2015		2016		2017		2018		2019		2020			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	-	-	-	-	-	-	-	-	2	0	0	0	0	0	1	0.0*	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	-	0	-		
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	-	0	-		
INYO	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	0	-		
KERN	-	-	-	-	-	-	-	-	0	0	0	0	0	0	1	0.1*	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	-	0	-		
LOS ANGELES	-	-	-	-	-	-	-	-	0	0	0	0	0	0	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	-	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	0	-	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	-	0	-		
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	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 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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	-	-	-	-	2	0	0	1	0	
JANUARY	-	-	-	-	0	0	0	0	0	
FEBRUARY	-	-	-	-	0	0	0	0	0	
MARCH	-	-	-	-	0	0	0	0	0	
APRIL	-	-	-	-	0	0	0	0	0	
MAY	-	-	-	-	0	0	0	0	0	
JUNE	-	-	-	-	1	0	0	0	0	
JULY	-	-	-	-	0	0	0	0	0	
AUGUST	-	-	-	-	1	0	0	0	0	
SEPTEMBER	-	-	-	-	0	0	0	0	0	
OCTOBER	-	-	-	-	0	0	0	1	0	
NOVEMBER	-	-	-	-	0	0	0	0	0	
DECEMBER	-	-	-	-	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	-	-	-	-	2	0	0	0	0	1	0.0*	0	0	-
FEMALE	-	-	-	-	-	-	-	-	1	0	0	0	0	1	0.0*	0	0	-
MALE	-	-	-	-	-	-	-	-	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 and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	-	-	-	-	2	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	-
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	0	-
35-44	-	-	-	-	-	-	-	-	1	0	0	0	1	0.0*	0	0	0	-
45-54	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	0	0	-
55-64	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	0	0	-
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, 2012-2020

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	-	-	-	-	2	0	0	1	0	
WHITE, NON-HISPANIC	-	-	-	-	0	0	0	0	0	
HISPANIC/LATINO	-	-	-	-	1	0	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	-	-	-	0	0	0	0	0	
BLACK, NON-HISPANIC	-	-	-	-	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	-	-	-	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	-	-	-	0	0	0	0	0	
OTHER, NON-HISPANIC	-	-	-	-	0	0	0	1	0	
UNKNOWN	-	-	-	-	1	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.

Giardiasis

Giardiasis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2012		2013		2014		2015		2016		2017		2018		2019		2020			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	1,736	4.6	1,940	5.1	1,829	4.7	2,069	5.3	2,487	6.3	2,581	6.5	2,635	6.6	2,647	6.7	1,262	3.2		
ALAMEDA COUNTY TOTAL	104	6.7	109	6.9	109	6.8	159	9.8	220	13.4	257	15.6	246	14.8	250	15.0	122	7.3		
ALAMEDA	95	6.6	85	5.8	90	6.1	138	9.2	196	13.0	221	14.5	223	14.6	233	15.2	109	7.1		
BERKELEY	9	7.8*	24	20.6	19	16.1	21	17.6	24	20.0	36	29.7	23	18.9	17	13.9*	13	10.6*		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	6	16.4*	1	2.8*	1	2.8*	1	2.8*	1	2.7*	3	8.1*	1	2.6*	3	8.0*	1	2.7*		
BUTTE	4	1.8*	12	5.4*	11	4.9*	18	8.0*	17	7.6*	28	12.4	14	6.2*	18	8.4*	12	5.8*		
CALAVERAS	3	6.6*	0	-	2	4.4*	2	4.5*	4	8.9*	3	6.7*	2	4.5*	2	4.5*	1	2.3*		
COLUSA	0	-	0	-	0	-	0	-	3	13.7*	0	-	0	-	3	13.6*	1	4.5*		
CONTRA COSTA	59	5.5	59	5.4	38	3.4	66	5.9	11	1.0*	105	9.2	124	10.8	125	10.9	72	6.3		
DEL NORTE	2	7.2*	0	-	1	3.7*	1	3.7*	1	3.7*	1	3.8*	1	3.7*	2	7.4*	0	-		
EL DORADO	9	5.0*	4	2.2*	6	3.3*	9	4.9*	11	6.0*	19	10.2	12	6.4*	17	9.0*	10	5.2*		
FRESNO	11	1.2*	18	1.9*	20	2.1	34	3.5	45	4.6	34	3.4	31	3.1	29	2.8	22	2.1		
GLENN	0	-	1	3.5*	2	7.1*	0	-	1	3.5*	0	-	0	-	1	3.4*	1	3.4*		
HUMBOLDT	20	14.8	17	12.6*	10	7.4*	20	14.9	11	8.1*	9	6.7*	9	6.7*	8	6.0*	13	9.8*		
IMPERIAL	4	2.2*	1	0.6*	1	0.5*	1	0.5*	7	3.8*	1	0.5*	4	2.1*	11	5.8*	7	3.7*		
INYO	0	-	0	-	1	5.4*	0	-	1	5.4*	2	10.8*	1	5.4*	4	21.7*	5	27.1*		
KERN	16	1.9*	15	1.7*	24	2.7	14	1.6*	22	2.5	32	3.6	29	3.2	35	3.8	25	2.7		
KINGS	0	-	1	0.7*	12	8.0*	4	2.7*	3	2.0*	3	2.0*	4	2.6*	6	3.9*	2	1.3*		
LAKE	2	3.1*	3	4.6*	1	1.5*	3	4.6*	3	4.7*	3	4.6*	2	3.1*	3	4.7*	4	6.3*		
LASSEN	0	-	2	6.3*	2	6.4*	0	-	1	3.4*	1	3.4*	0	-	0	-	0	-		
LOS ANGELES COUNTY TOTAL	333	3.3	442	4.4	394	3.9	447	4.4	505	5.0	440	4.3	526	5.1	476	4.7	27	0.3		
LOS ANGELES	315	3.4	408	4.3	367	3.9	424	4.5	465	4.9	399	4.2	485	5.1	448	4.7	2	0.0*		
LONG BEACH	15	3.2*	22	4.7	18	3.8*	17	3.6*	30	6.3	33	7.0	31	6.5	25	5.3	18	3.8*		
PASADENA	3	2.1*	12	8.5*	9	6.4*	6	4.2*	10	7.0*	8	5.6*	10	6.9*	3	2.1*	7	4.8*		
MADERA	3	2.0*	2	1.3*	5	3.3*	3	1.9*	2	1.3*	8	5.1*	5	3.2*	7	4.4*	5	3.1*		
MARIN	40	15.6	39	15.0	32	12.2	33	12.6	46	17.5	46	17.5	45	17.2	51	19.5	27	10.4		
MARIPOSA	0	-	2	11.0*	0	-	2	11.1*	1	5.5*	2	11.1*	1	5.6*	0	-	0	-		
MENDOCINO	12	13.6*	9	10.2*	7	7.9*	7	7.9*	6	6.8*	14	15.8*	15	17.0*	17	19.3*	8	9.1*		
MERCED	6	2.3*	4	1.5*	3	1.1*	2	0.7*	6	2.2*	6	2.2*	12	4.3*	9	3.2*	4	1.4*		
MODOC	0	-	0	-	1	10.4*	0	-	0	-	0	-	1	10.5*	0	-	0	-		
MONO	0	-	0	-	2	14.4*	0	-	2	14.7*	4	29.3*	1	7.4*	1	7.4*	1	7.4*		
MONTEREY	14	3.3*	8	1.9*	9	2.1*	15	3.5*	45	10.3	19	4.3	39	8.8	20	4.5	8	1.8*		
NAPA	10	7.2*	12	8.6*	7	5.0*	10	7.1*	17	12.0*	14	9.9*	12	8.5*	11	7.9*	9	6.5*		
NEVADA	9	9.2*	9	9.2*	12	12.2*	11	11.2*	6	6.1*	16	16.4*	10	10.2*	9	9.2*	3	3.1*		
ORANGE	111	3.6	149	4.8	122	3.9	125	4.0	176	5.6	124	3.9	131	4.1	165	5.2	65	2.0		
PLACER	12	3.3*	32	8.8	16	4.3*	15	4.0*	19	5.0	23	6.0	17	4.4*	32	8.1	18	4.5*		
PLUMAS	7	36.2*	1	5.3*	2	10.8*	4	21.9*	5	27.2*	4	21.8*	4	21.8*	1	5.4*	1	5.5*		
RIVERSIDE	48	2.1	55	2.4	64	2.8	62	2.7	78	3.3	88	3.7	82	3.4	98	4.0	84	3.4		
SACRAMENTO	10	0.7*	10	0.7*	19	1.3	3	0.2*	7	0.5*	9	0.6*	91	5.9	100	6.5	13	0.8*		
SAN BENITO	4	7.1*	3	5.2*	2	3.5*	4	6.8*	3	5.1*	2	3.3*	2	3.3*	1	1.6*	2	3.2*		
SAN BERNARDINO	28	1.3	48	2.3	53	2.5	47	2.2	52	2.4	52	2.4	52	2.4	52	2.4	38	1.7		
SAN DIEGO	241	7.6	265	8.2	255	7.8	318	9.7	394	12.0	321	9.7	230	6.9	220	6.6	153	4.6		
SAN FRANCISCO	179	21.4	198	23.4	160	18.7	192	22.1	225	25.6	244	27.5	214	23.9	182	20.3	118	13.1		
SAN JOAQUIN	34	4.9	37	5.2	20	2.8	22	3.0	30	4.1	41	5.5	42	5.6	46	6.0	24	3.1		
SAN LUIS OBISPO	16	5.9*	7	2.6*	10	3.6*	16	5.8*	10	3.6*	9	3.2*	7	2.5*	12	4.3*	3	1.1*		
SAN MATEO	54	7.3	47	6.3	48	6.3	53	6.9	53	6.9	80	10.4	81	10.5	80	10.3	47	6.1		
SANTA BARBARA	23	5.3	21	4.8	30	6.8	17	3.8*	28	6.3	25	5.6	31	6.9	35	7.7	22	4.9		
SANTA CLARA	123	6.7	125	6.7	140	7.4	116	6.0	184	9.5	191	9.8	198	10.1	205	10.5	99	5.0		
SANTA CRUZ	20	7.5	19	7.0	19	7.0	17	6.2*	21	7.6	29	10.6	32	11.7	27	9.9	12	4.4*		
SHASTA	5	2.8*	5	2.8*	3	1.7*	10	5.6*	7	3.9*	8	4.5*	14	7.9*	10	5.6*	7	3.9*		
SIERRA	0	-	0	-	0	-	0	-	1	31.8*	0	-	0	-	1	32.0*	0	-		
SISKIYOU	7	15.6*	5	11.2*	0	-	0	-	3	6.8*	3	6.8*	3	6.8*	1	2.3*	2	4.6*		
SOLANO	19	4.5	13	3.1*	17	4.0*	27	6.3	25	5.8	41	9.4	23	5.2	24	5.5	20	4.5		
SONOMA	49	10.0	37	7.5	39	7.8	50	10.0	32	6.4	43	8.6	49	9.8	72	14.5	30	6.1		
STANISLAUS	11	2.1*	17	3.2*	25	4.7	27	5.0	32	5.9	77	14.0	71	12.9	60	10.8	52	9.4		
SUTTER	3	3.2*	4	4.1*	2	2.1*	2	2.1*	4	4.1*	4	4.0*	7	6.9*	6	5.8*	2	2.0*		
TEHAMA	5	7.9*	0	-	1	1.6*	3	4.7*	2	3.1*	3	4.7*	5	7.8*	4	6.1*	0	-		
TRINITY	0	-	1	7.3*	0	-	5	36.9*	0	-	0	-	3	22.4*	2	15.0*	0	-		
TULARE	22	4.9	16	3.5*	20	4.4	13	2.8*	19	4.1	15	3.2*	17	3.6*	13	2.7*	11	2.3*		
TUOLUMNE	1	1.9*	0	-	3	5.6*	3	5.6*	7	13.1*	1	1.9*	3	5.7*	4	7.6*	2	3.8*		
VENTURA	30	3.6	34	4.0	36	4.3	43	5.1	52	6.1	49	5.8	58	6.8	63	7.5	27	3.2		
YOLO	6	2.9*	16	7.7*	8	3.8*	13	6.1*	16	7.4*	23	10.5	17	7.7*	9	4.1*	18	8.1*		
YUBA	1	1.4*	5	6.8*	2	2.7*	0	-	4	5.3*	2	2.6*	4	5.2*	4	5.1*	2	2.5*		

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.

Giardiasis

Giardiasis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1,736	1,940	1,829	2,069	2,487	2,581	2,635	2,647	1,262	
JANUARY	121	206	139	160	191	193	254	200	195	
FEBRUARY	97	145	139	123	178	165	211	214	150	
MARCH	119	162	140	145	224	187	239	200	128	
APRIL	128	123	145	168	210	209	211	223	63	
MAY	134	135	143	150	200	231	222	197	94	
JUNE	137	164	123	153	179	216	218	217	73	
JULY	161	203	185	179	208	249	242	246	103	
AUGUST	181	223	184	194	241	281	294	302	118	
SEPTEMBER	170	196	185	159	222	232	214	247	111	
OCTOBER	162	136	151	234	209	222	230	240	91	
NOVEMBER	149	118	164	222	213	200	157	185	61	
DECEMBER	177	129	131	182	212	196	143	176	75	

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

Giardiasis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,736	4.6	1,940	5.1	1,829	4.7	2,069	5.3	2,487	6.3	2,581	6.5	2,635	6.6	2,647	6.7	1,262	3.2
FEMALE	647	3.4	661	3.4	628	3.2	724	3.7	904	4.6	882	4.5	892	4.5	883	4.4	458	2.3
MALE	1,076	5.7	1,177	6.2	1,070	5.5	1,331	6.8	1,576	8.0	1,694	8.6	1,739	8.8	1,757	8.9	798	4.0
UNKNOWN	13	-	102	-	131	-	14	-	7	-	5	-	4	-	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.

Giardiasis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,736	4.6	1,940	5.1	1,829	4.7	2,069	5.3	2,487	6.3	2,581	6.5	2,635	6.6	2,647	6.7	1,262	3.2
0	4	0.8*	12	2.4*	6	1.2*	2	0.4*	13	2.7*	10	2.1*	10	2.2*	14	3.1*	5	1.1*
1-4	150	7.4	153	7.6	152	7.6	182	9.1	188	9.4	192	9.7	150	7.6	146	7.6	63	3.4
5-9	118	4.6	125	4.8	119	4.6	133	5.1	168	6.5	173	6.7	146	5.7	171	6.8	81	3.2
10-14	82	3.2	82	3.2	67	2.6	75	2.9	104	4.1	87	3.4	93	3.6	80	3.1	43	1.7
15-24	200	3.5	228	4.0	211	3.6	248	4.3	260	4.5	324	5.6	277	4.8	231	4.0	122	2.1
25-34	232	4.3	287	5.4	293	5.5	352	6.7	407	7.8	448	8.6	479	9.2	497	9.6	219	4.2
35-44	282	5.5	283	5.5	282	5.5	302	5.9	350	6.8	323	6.2	368	7.0	351	6.7	182	3.5
45-54	271	5.2	322	6.2	283	5.4	333	6.3	382	7.3	360	6.9	399	7.7	375	7.3	171	3.4
55-64	222	5.1	233	5.3	231	5.1	237	5.1	331	7.0	373	7.7	401	8.2	422	8.6	188	3.8
65+	167	3.6	203	4.2	178	3.5	199	3.8	279	5.1	286	5.1	309	5.3	353	5.8	187	3.0
UNKNOWN	8	-	12	-	7	-	6	-	5	-	5	-	3	-	7	-	1	-

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

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

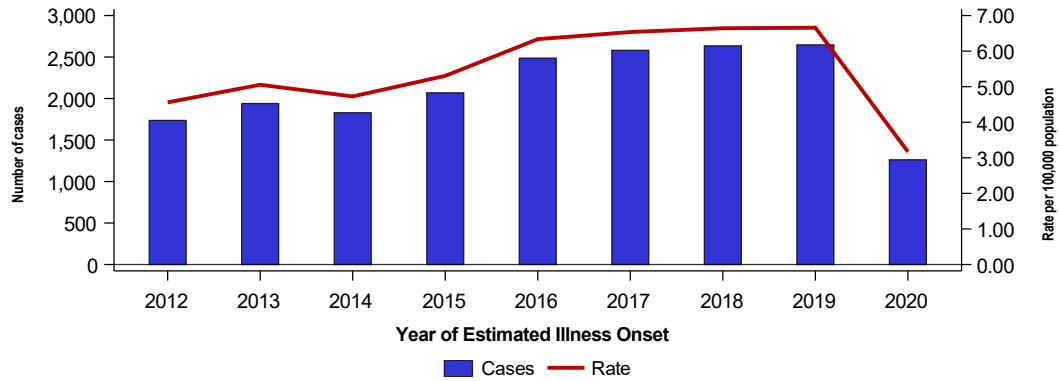
*Potentially unreliable rate: relative standard error 23 percent or more.

Giardiasis, Cases by Race/Ethnicity, California, 2012-2020

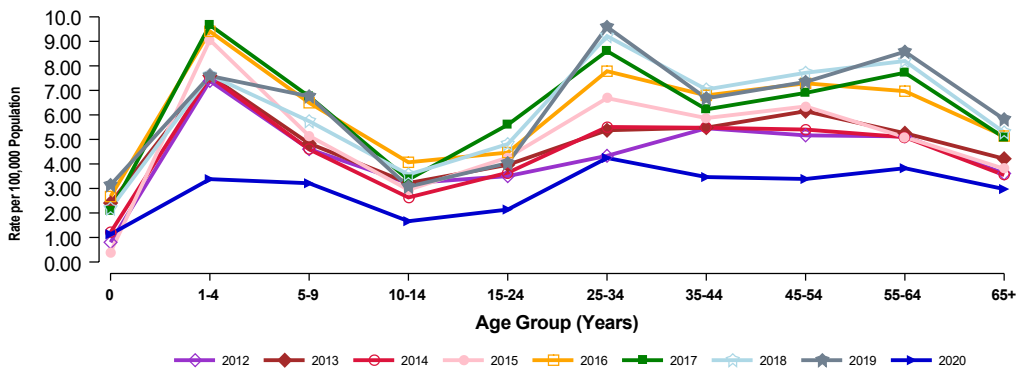
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1,736	1,940	1,829	2,069	2,487	2,581	2,635	2,647	1,262	
WHITE, NON-HISPANIC	503	619	568	799	913	972	944	953	438	
HISPANIC/LATINO	240	265	261	261	332	339	391	419	147	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	95	65	97	69	89	123	127	149	63	
BLACK, NON-HISPANIC	63	62	68	71	137	105	86	75	39	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	5	3	7	4	3	6	7	8	4	
MULTIPLE RACE, NON-HISPANIC	2	7	19	1	6	5	7	14	4	
OTHER, NON-HISPANIC	24	21	32	57	114	230	184	222	149	
UNKNOWN	804	898	777	807	893	801	889	807	418	

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

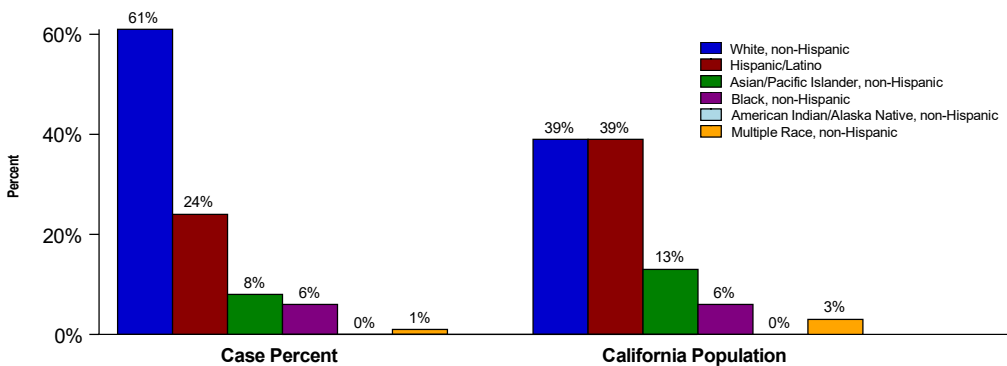
Giardiasis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Giardiasis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Giardiasis Cases and Population by Race/Ethnicity, California, 2012-2020



37% (n=7094) of reported incidents of Giardiasis did not identify race/ethnicity and 5.4% (n=1033) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	3	0.0*	1	0.0*	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	2	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
ALAMEDA	2	0.1*	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	-	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	-	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	1	0.1*	1	0.1*	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	-	1	5.4*	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*	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
LOS ANGELES	0	-	1	0.0*	0	-	0	-	1	0.0*	1	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	-	1	0.4*	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	1	7.1*	0	-	0	-	2	14.6*	0	-	1	7.3*	0	-	3	22.1*	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	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
PLACER	0	-	0	-	1	0.3*	0	-	0	-	0	-	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.5*
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	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	-	1	0.2*
SANTA CLARA	1	0.1*	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	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	1	0.5*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	10	3	1	2	1	5	5	4	2	
JANUARY	1	0	0	0	0	1	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	1	0	
MARCH	0	0	0	0	0	1	2	0	0	
APRIL	0	0	0	0	0	0	1	0	0	
MAY	1	1	0	0	0	0	0	0	0	
JUNE	0	1	1	0	0	0	0	1	1	
JULY	5	0	0	2	0	1	0	0	0	
AUGUST	3	1	0	0	0	1	1	0	1	
SEPTEMBER	0	0	0	0	0	0	0	1	0	
OCTOBER	0	0	0	0	0	0	1	0	0	
NOVEMBER	0	0	0	0	0	0	0	1	0	
DECEMBER	0	0	0	0	1	1	0	0	0	

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

Hantavirus Infection, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	3	0.0*	1	0.0*	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	0.0*
FEMALE	4	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	2	0.0*	3	0.0*	0	-
MALE	6	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	5	0.0*	3	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.

Hantavirus Infection, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	3	0.0*	1	0.0*	2	0.0*	1	0.0*	5	0.0*	5	0.0*	4	0.0*	2	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	-	1	0.0*	0	-
10-14	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-
25-34	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*	0	-	2	0.0*	1	0.0*
35-44	4	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	0	-
45-54	3	0.1*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*
65+	0	-	0	-	1	0.0*	0	-	1	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.

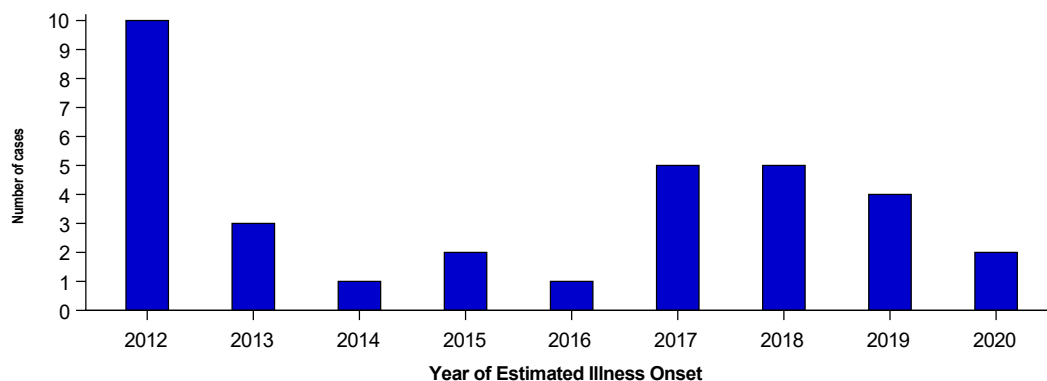
*Potentially unreliable rate: relative standard error 23 percent or more.

Hantavirus Infection, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	10	3	1	2	1	5	5	4	2	
WHITE, NON-HISPANIC	4	3	1	2	1	2	1	4	2	
HISPANIC/LATINO	2	0	0	0	0	1	3	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	3	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	1	0	0	0	0	2	1	0	0	

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

Hantavirus Infection Cases by Year of Estimated Illness Onset, California, 2012-2020



Hepatitis E, acute infection

Hepatitis E, acute infection, Cases and Rates by Health Jurisdiction, California, 2012-2020

YEAR OF ESTIMATED ILLNESS ONSET

JURISDICTION	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	18	0.0*	41	0.1	31	0.1	37	0.1	49	0.1	38	0.1	30	0.1	38	0.1	19	0.0
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	4	0.2*	2	0.1*	4	0.2*	2	0.1*	4	0.2*	1	0.1*	0	-
ALAMEDA	0	-	1	0.1*	4	0.3*	2	0.1*	4	0.3*	2	0.1*	3	0.2*	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.8*	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	1	2.2*	1	2.2*	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	1	0.1*	0	-	3	0.3*	5	0.4*	2	0.2*	0	-	4	0.3*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*
FRESNO	2	0.2*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	2	0.2*	2	0.2*	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	-	2	1.1*	0	-	0	-	0	-	0	-	2	1.1*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	2	0.2*	0	-	1	0.1*	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	4	0.0*	2	0.0*	1	0.0*	2	0.0*	2	0.0*	3	0.0*	4	0.0*	6	0.1*	4	0.0*
LOS ANGELES	2	0.0*	1	0.0*	0	-	2	0.0*	2	0.0*	1	0.0*	4	0.0*	6	0.1*	3	0.0*
LONG BEACH	2	0.4*	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	2	1.3*	0	-
MARIN	0	-	3	1.2*	5	1.9*	1	0.4*	0	-	1	0.4*	2	0.8*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*
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	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	1	0.0*	0	-	0	-	3	0.1*	1	0.0*	0	-	0	-	1	0.0*
PLACER	1	0.3*	2	0.5*	0	-	1	0.3*	0	-	0	-	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	3	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*
SACRAMENTO	1	0.1*	6	0.4*	1	0.1*	7	0.5*	7	0.5*	1	0.1*	1	0.1*	2	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	2	0.1*	0	-	1	0.0*	1	0.0*	3	0.1*	1	0.0*	1	0.0*	0	-
SAN DIEGO	3	0.1*	2	0.1*	0	-	0	-	2	0.1*	2	0.1*	2	0.1*	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	5	0.6*	1	0.1*	4	0.4*	0	-
SAN JOAQUIN	0	-	0	-	1	0.1*	3	0.4*	0	-	0	-	2	0.3*	0	-	1	0.1*
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	2	0.3*	0	-	1	0.1*	1	0.1*	0	-	2	0.3*	3	0.4*	2	0.3*	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	0	-	14	0.7*	7	0.4*	8	0.4*	8	0.4*	2	0.1*	2	0.1*	1	0.1*	4	0.2*
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	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*	0	-	0	-	1	0.2*	1	0.2*	0	-	2	0.5*	1	0.2*
SONOMA	0	-	2	0.4*	6	1.2*	1	0.2*	2	0.4*	3	0.6*	1	0.2*	2	0.4*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	3	0.6*	3	0.5*	1	0.2*	3	0.5*	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	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-
YUBA	0	-	1	1.4*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	18	41	31	37	49	38	30	38	19	
JANUARY	1	1	1	2	5	7	2	2	4	
FEBRUARY	2	3	0	2	5	3	5	3	2	
MARCH	0	6	4	2	0	6	3	6	1	
APRIL	1	5	3	3	9	2	1	3	0	
MAY	2	3	3	2	4	2	4	4	1	
JUNE	1	1	1	5	6	0	3	3	0	
JULY	2	2	3	3	6	4	3	6	3	
AUGUST	0	7	1	5	3	2	2	3	2	
SEPTEMBER	1	7	9	1	1	2	2	3	1	
OCTOBER	2	2	2	5	3	5	0	2	2	
NOVEMBER	2	3	3	3	3	2	2	2	2	
DECEMBER	4	1	1	4	4	3	3	1	1	

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

Hepatitis E, acute infection, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	18	0.0*	41	0.1	31	0.1	37	0.1	49	0.1	38	0.1	30	0.1	38	0.1	19	0.0
FEMALE	11	0.1*	15	0.1*	18	0.1*	21	0.1	25	0.1	17	0.1*	18	0.1*	18	0.1*	5	0.0*
MALE	6	0.0*	26	0.1	12	0.1*	16	0.1*	24	0.1	21	0.1	12	0.1*	20	0.1	14	0.1*
UNKNOWN	1	-	0	-	1	-	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.

Hepatitis E, acute infection, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	18	0.0*	41	0.1	31	0.1	37	0.1	49	0.1	38	0.1	30	0.1	38	0.1	19	0.0
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
1-4	0	-	0	-	0	-	0	-	3	0.2*	1	0.1*	0	-	0	-	0	-
5-9	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	1	0.0*	2	0.1*	0	-
10-14	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-
15-24	4	0.1*	8	0.1*	6	0.1*	8	0.1*	9	0.2*	1	0.0*	4	0.1*	7	0.1*	1	0.0*
25-34	2	0.0*	13	0.2*	4	0.1*	8	0.2*	14	0.3*	11	0.2*	7	0.1*	4	0.1*	3	0.1*
35-44	1	0.0*	5	0.1*	3	0.1*	6	0.1*	5	0.1*	4	0.1*	5	0.1*	5	0.1*	3	0.1*
45-54	2	0.0*	2	0.0*	6	0.1*	6	0.1*	7	0.1*	5	0.1*	0	-	4	0.1*	2	0.0*
55-64	6	0.1*	8	0.2*	5	0.1*	3	0.1*	4	0.1*	7	0.1*	7	0.1*	4	0.1*	4	0.1*
65+	2	0.0*	3	0.1*	6	0.1*	4	0.1*	7	0.1*	9	0.2*	5	0.1*	10	0.2*	6	0.1*
UNKNOWN	0	-	0	-	1	-	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.

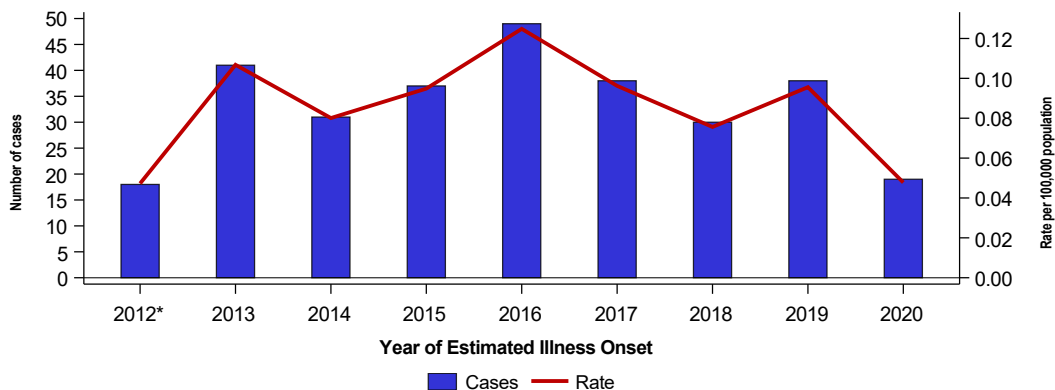
*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	18	41	31	37	49	38	30	38	19	
WHITE, NON-HISPANIC	5	7	3	6	9	6	7	8	4	
HISPANIC/LATINO	2	3	3	5	8	4	4	7	4	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	5	7	4	8	7	10	9	14	5	
BLACK, NON-HISPANIC	0	0	0	0	2	1	2	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	0	0	0	0	
OTHER, NON-HISPANIC	0	1	1	0	4	1	0	1	1	
UNKNOWN	6	23	20	18	19	16	8	7	5	

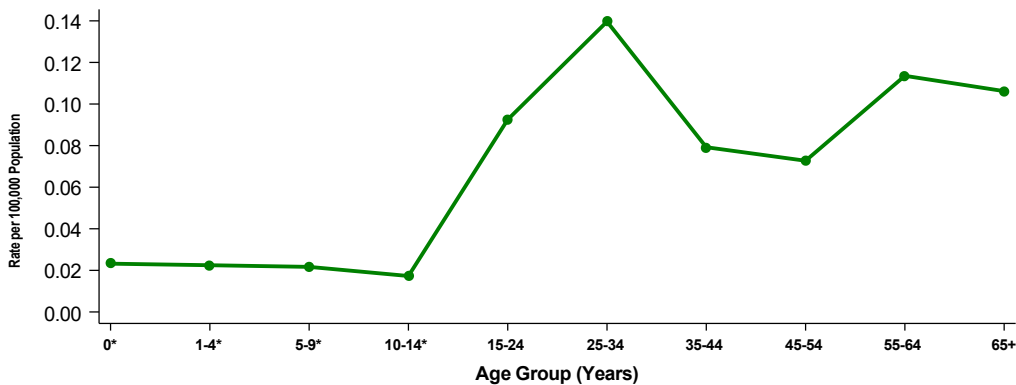
For inclusion/exclusion criteria, please refer to the Technical Notes.

Hepatitis E, acute infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



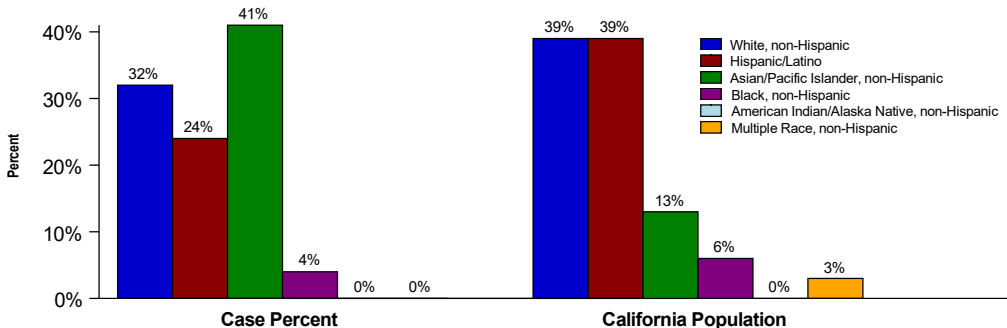
*Potentially unreliable rate: relative standard error 23 percent or more.

Hepatitis E, acute infection Average Incidence Rates by Age Group, California, 2012-2020



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

Hepatitis E, acute infection Cases and Population by Race/Ethnicity, California, 2012-2020



40.5% (n=122) of reported incidents of Hepatitis E, acute infection did not identify race/ethnicity and 3% (n=9) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	251	0.7	204	0.5	354	0.9	469	1.2	602	1.5	537	1.4	453	1.1	559	1.4	374	0.9
ALAMEDA COUNTY TOTAL	5	0.3*	4	0.3*	7	0.4*	19	1.2	17	1.0*	18	1.1*	10	0.6*	19	1.1	7	0.4*
ALAMEDA	3	0.2*	3	0.2*	7	0.5*	19	1.3	17	1.1*	16	1.1*	8	0.5*	18	1.2*	7	0.5*
BERKELEY	2	1.7*	1	0.9*	0	-	0	-	0	-	2	1.7*	2	1.6*	1	0.8*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.8*	0	-	0	-	0	-	2	5.3*	0	-
BUTTE	0	-	0	-	2	0.9*	1	0.4*	4	1.8*	1	0.4*	2	0.9*	1	0.5*	2	1.0*
CALAVERAS	0	-	0	-	0	-	0	-	1	2.2*	0	-	2	4.5*	1	2.3*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	7	0.6*	7	0.6*	9	0.8*	6	0.5*	7	0.6*	5	0.4*	7	0.6*	4	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	1	0.5*	0	-	0	-	3	1.6*	3	1.6*	1	0.5*
FRESNO	5	0.5*	4	0.4*	3	0.3*	7	0.7*	9	0.9*	16	1.6*	13	1.3*	14	1.4*	8	0.8*
GLENN	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	4	3.0*	0	-	3	2.2*	3	2.2*	1	0.7*	1	0.7*	2	1.5*	0	-
IMPERIAL	0	-	0	-	1	0.5*	2	1.1*	0	-	0	-	0	-	0	-	2	1.1*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	4	0.5*	1	0.1*	1	0.1*	3	0.3*	5	0.6*	4	0.4*	5	0.6*	5	0.5*	10	1.1*
KINGS	2	1.3*	1	0.7*	1	0.7*	1	0.7*	3	2.0*	1	0.7*	2	1.3*	1	0.7*	3	1.9*
LAKE	0	-	0	-	0	-	1	1.5*	0	-	0	-	0	-	1	1.6*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.5*
LOS ANGELES COUNTY TOTAL	115	1.2	90	0.9	145	1.4	178	1.8	253	2.5	185	1.8	133	1.3	192	1.9	95	0.9
LOS ANGELES	108	1.2	83	0.9	138	1.5	165	1.7	239	2.5	165	1.7	122	1.3	180	1.9	85	0.9
LONG BEACH	6	1.3*	3	0.6*	7	1.5*	10	2.1*	7	1.5*	15	3.2*	7	1.5*	6	1.3*	9	1.9*
PASADENA	1	0.7*	4	2.8*	0	-	3	2.1*	7	4.9*	5	3.5*	4	2.8*	6	4.1*	1	0.7*
MADERA	0	-	0	-	1	0.7*	2	1.3*	0	-	2	1.3*	4	2.5*	4	2.5*	4	2.5*
MARIN	1	0.4*	0	-	0	-	11	4.2*	0	-	1	0.4*	1	0.4*	2	0.8*	2	0.8*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	1	5.6*	0	-	0	-
MENDOCINO	0	-	0	-	3	3.4*	0	-	0	-	2	2.3*	2	2.3*	2	2.3*	2	2.3*
MERCED	0	-	2	0.8*	0	-	0	-	0	-	0	-	3	1.1*	7	2.5*	2	0.7*
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*	5	1.2*	6	1.4*	5	1.1*	7	1.6*	4	0.9*	5	1.1*	4	0.9*
NAPA	2	1.4*	0	-	2	1.4*	2	1.4*	3	2.1*	1	0.7*	4	2.8*	1	0.7*	0	-
NEVADA	0	-	0	-	0	-	5	5.1*	1	1.0*	2	2.0*	1	1.0*	1	1.0*	0	-
ORANGE	25	0.8	15	0.5*	32	1.0	37	1.2	64	2.0	58	1.8	46	1.4	67	2.1	54	1.7
PLACER	2	0.6*	2	0.5*	5	1.4*	2	0.5*	4	1.1*	2	0.5*	1	0.3*	2	0.5*	4	1.0*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	10	0.4*	8	0.4*	15	0.7*	37	1.6	36	1.5	44	1.8	39	1.6	31	1.3	29	1.2
SACRAMENTO	8	0.6*	10	0.7*	12	0.8*	16	1.1*	15	1.0*	11	0.7*	18	1.2*	15	1.0*	13	0.8*
SAN BENITO	0	-	0	-	0	-	0	-	1	1.7*	0	-	2	3.3*	0	-	0	-
SAN BERNARDINO	12	0.6*	10	0.5*	21	1.0	24	1.1	48	2.3	30	1.4	32	1.5	34	1.6	24	1.1
SAN DIEGO	22	0.7	18	0.6*	37	1.1	49	1.5	53	1.6	63	1.9	53	1.6	53	1.6	49	1.5
SAN FRANCISCO	4	0.5*	2	0.2*	3	0.3*	4	0.5*	1	0.1*	7	0.8*	3	0.3*	5	0.6*	1	0.1*
SAN JOAQUIN	4	0.6*	0	-	4	0.6*	6	0.8*	7	0.9*	7	0.9*	6	0.8*	14	1.8*	9	1.2*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	3	1.1*	1	0.4*	1	0.4*	2	0.7*	3	1.1*
SAN MATEO	2	0.3*	1	0.1*	2	0.3*	0	-	3	0.4*	8	1.0*	2	0.3*	4	0.5*	2	0.3*
SANTA BARBARA	3	0.7*	3	0.7*	2	0.5*	8	1.8*	3	0.7*	7	1.6*	7	1.6*	4	0.9*	1	0.2*
SANTA CLARA	9	0.5*	4	0.2*	15	0.8*	10	0.5*	15	0.8*	10	0.5*	11	0.6*	14	0.7*	6	0.3*
SANTA CRUZ	3	1.1*	0	-	0	-	1	0.4*	6	2.2*	3	1.1*	1	0.4*	6	2.2*	4	1.5*
SHASTA	0	-	0	-	0	-	0	-	1	0.6*	2	1.1*	3	1.7*	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	2	4.5*	0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-
SOLANO	1	0.2*	6	1.4*	3	0.7*	5	1.2*	3	0.7*	4	0.9*	3	0.7*	8	1.8*	2	0.5*
SONOMA	2	0.4*	1	0.2*	0	-	1	0.2*	7	1.4*	6	1.2*	5	1.0*	4	0.8*	4	0.8*
STANISLAUS	2	0.4*	1	0.2*	8	1.5*	7	1.3*	7	1.3*	9	1.6*	1	0.2*	2	0.4*	4	0.7*
SUTTER	0	-	0	-	2	2.1*	0	-	0	-	0	-	0	-	0	-	1	1.0*
TEHAMA	0	-	0	-	1	1.6*	0	-	0	-	1	1.6*	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	2	0.4*	5	1.0*	2	0.4*
TUOLUMNE	0	-	0	-	0	-	0	-	2	3.8*	0	-	0	-	0	-	0	-
VENTURA	3	0.4*	5	0.6*	11	1.3*	8	0.9*	10	1.2*	12	1.4*	13	1.5*	14	1.7*	12	1.4*
YOLO	0	-	0	-	3	1.4*	2	0.9*	2	0.9*	2	0.9*	2	0.9*	2	0.9*	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-	1	1.3*	5	6.5*	1	1.3*	1	1.3*

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.

Legionellosis

Legionellosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	251	204	354	469	602	537	453	559	374	
JANUARY	15	21	17	46	48	77	49	63	57	
FEBRUARY	18	18	17	46	27	38	26	50	35	
MARCH	14	15	30	44	40	26	42	36	47	
APRIL	15	12	31	45	39	35	30	42	21	
MAY	16	13	32	51	32	42	27	51	20	
JUNE	14	17	26	26	26	42	30	34	19	
JULY	13	29	38	39	46	52	30	46	28	
AUGUST	29	11	31	35	67	57	29	43	34	
SEPTEMBER	23	24	23	49	50	48	45	50	25	
OCTOBER	21	19	27	30	46	43	36	47	45	
NOVEMBER	18	11	27	27	79	43	39	43	29	
DECEMBER	55	14	55	31	102	34	70	54	14	

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

Legionellosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	251	0.7	204	0.5	354	0.9	469	1.2	602	1.5	537	1.4	453	1.1	559	1.4	374	0.9
FEMALE	85	0.4	75	0.4	157	0.8	205	1.0	241	1.2	207	1.0	151	0.8	195	1.0	149	0.7
MALE	166	0.9	129	0.7	196	1.0	262	1.3	361	1.8	330	1.7	301	1.5	364	1.8	224	1.1
UNKNOWN	0	-	0	-	1	-	2	-	0	-	0	-	1	-	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.

Legionellosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	251	0.7	204	0.5	354	0.9	469	1.2	602	1.5	537	1.4	453	1.1	559	1.4	374	0.9
0	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*
1-4	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.1*
5-9	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	2	0.0*	5	0.1*	2	0.0*	6	0.1*	5	0.1*	2	0.0*	0	-	6	0.1*	2	0.0*
25-34	7	0.1*	1	0.0*	9	0.2*	19	0.4	18	0.3*	15	0.3*	10	0.2*	19	0.4	10	0.2*
35-44	10	0.2*	15	0.3*	23	0.4	27	0.5	32	0.6	31	0.6	39	0.7	31	0.6	19	0.4
45-54	48	0.9	28	0.5	57	1.1	64	1.2	99	1.9	73	1.4	76	1.5	80	1.6	54	1.1
55-64	49	1.1	51	1.1	71	1.6	97	2.1	136	2.9	112	2.3	111	2.3	134	2.7	76	1.5
65+	134	2.9	103	2.1	191	3.8	253	4.8	312	5.7	304	5.4	217	3.7	288	4.7	211	3.4
UNKNOWN	0	-	0	-	1	-	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.

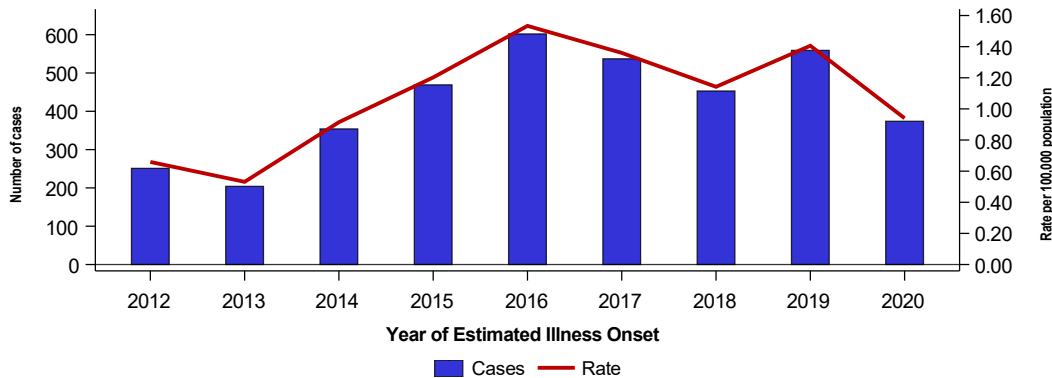
*Potentially unreliable rate: relative standard error 23 percent or more.

Legionellosis, Cases by Race/Ethnicity, California, 2012-2020

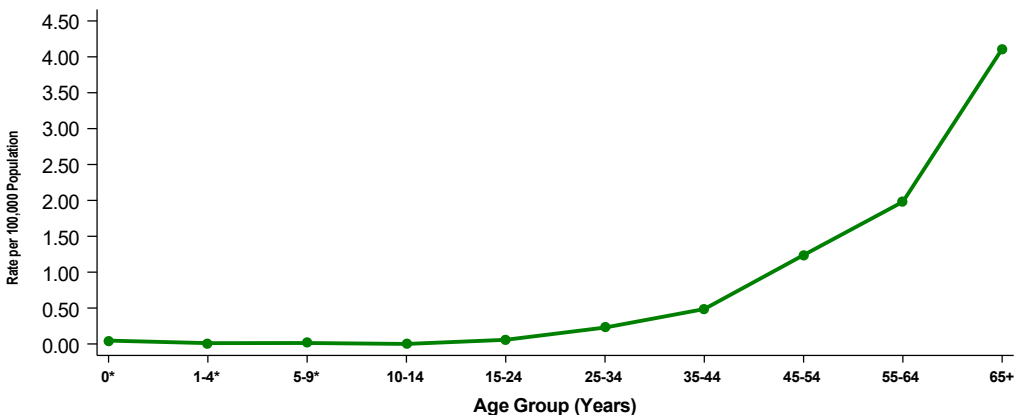
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	251	204	354	469	602	537	453	559	374	
WHITE, NON-HISPANIC	125	98	173	208	292	251	203	225	165	
HISPANIC/LATINO	46	34	69	88	135	99	100	130	88	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	13	9	31	26	30	35	20	43	29	
BLACK, NON-HISPANIC	24	30	32	71	76	65	48	75	31	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	2	4	4	0	1	1	
MULTIPLE RACE, NON-HISPANIC	3	3	0	2	4	2	4	6	3	
OTHER, NON-HISPANIC	5	4	2	8	7	13	22	11	16	
UNKNOWN	35	26	47	64	54	68	56	68	41	

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

Legionellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020

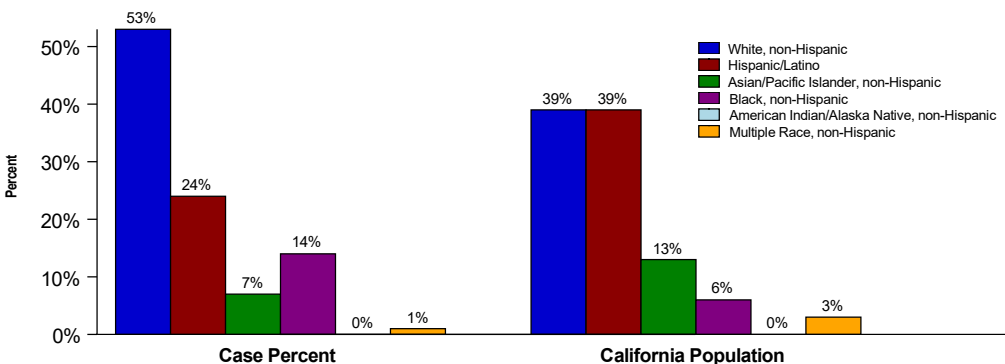


Legionellosis Average Incidence Rates by Age Group, California, 2012-2020



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

Legionellosis Cases and Population by Race/Ethnicity, California, 2012-2020



12.1% (n=459) of reported incidents of Legionellosis did not identify race/ethnicity and 2.3% (n=88) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	16	0.0*	13	0.0*	10	0.0*	12	0.0*	3	0.0*	7	0.0*	9	0.0*	8	0.0*	7	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-
ALAMEDA	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	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	1	0.1*	1	0.1*	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	-	1	0.1*	0	-	0	-	0	-	2	0.2*	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	1	0.1*	1	0.1*	0	-	1	0.1*	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	-	1	3.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	4	0.0*	1	0.0*	4	0.0*	2	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*
LOS ANGELES	3	0.0*	1	0.0*	4	0.0*	2	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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	-	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*	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*	1	0.0*	1	0.0*	2	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	1	0.3*	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	2	0.1*	2	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	-	2	0.1*	1	0.0*	0	-
SAN DIEGO	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	2	0.2*
SAN JOAQUIN	1	0.1*	0	-	0	-	2	0.3*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	4	0.2*	0	-	2	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*
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	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	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	-	1	0.1*	0	-	2	0.2*	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.

Leprosy (Hansen’s Disease)

Leprosy (Hansen’s Disease), Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	16	13	10	12	3	7	9	8	7	
JANUARY	2	2	0	2	0	3	0	0	1	
FEBRUARY	1	0	0	0	0	0	3	0	0	
MARCH	3	1	2	0	0	0	2	1	0	
APRIL	3	2	1	0	1	0	0	2	1	
MAY	1	1	0	2	0	0	0	2	0	
JUNE	1	2	1	1	1	0	0	1	1	
JULY	0	1	1	3	0	1	1	1	0	
AUGUST	1	0	0	1	0	1	1	0	1	
SEPTEMBER	0	0	2	0	0	0	0	0	0	
OCTOBER	2	3	0	1	0	1	1	0	1	
NOVEMBER	0	1	1	0	0	1	1	1	1	
DECEMBER	2	0	2	2	1	0	0	0	1	

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

Leprosy (Hansen’s Disease), Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	16	0.0*	13	0.0*	10	0.0*	12	0.0*	3	0.0*	7	0.0*	9	0.0*	8	0.0*	7	0.0*
FEMALE	9	0.0*	4	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	2	0.0*	3	0.0*	3	0.0*
MALE	7	0.0*	9	0.0*	8	0.0*	10	0.1*	2	0.0*	6	0.0*	7	0.0*	5	0.0*	4	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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	16	0.0*	13	0.0*	10	0.0*	12	0.0*	3	0.0*	7	0.0*	9	0.0*	8	0.0*	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	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
25-34	3	0.1*	6	0.1*	0	-	3	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-
35-44	3	0.1*	2	0.0*	5	0.1*	4	0.1*	0	-	3	0.1*	2	0.0*	2	0.0*	3	0.1*
45-54	4	0.1*	0	-	0	-	2	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-
55-64	0	-	3	0.1*	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.0*
65+	4	0.1*	0	-	4	0.1*	0	-	0	-	2	0.0*	3	0.1*	4	0.1*	1	0.0*
UNKNOWN	1	-	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.

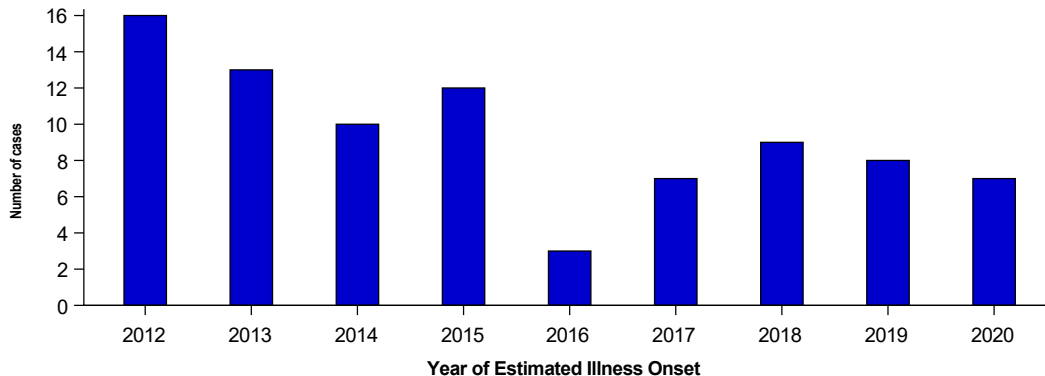
*Potentially unreliable rate: relative standard error 23 percent or more.

Leprosy (Hansen’s Disease), Cases by Race/Ethnicity, California, 2012-2020

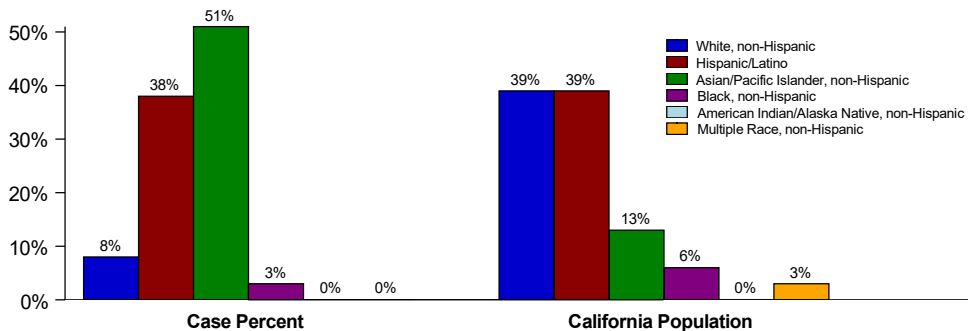
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	16	13	10	12	3	7	9	8	7	
WHITE, NON-HISPANIC	1	2	1	1	0	0	0	1	0	
HISPANIC/LATINO	5	2	1	4	1	3	4	5	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	9	9	5	4	2	3	2	1	2	
BLACK, NON-HISPANIC	0	0	0	1	0	0	1	0	0	
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	0	1	
UNKNOWN	1	0	2	2	0	0	2	1	2	

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

Leprosy (Hansen’s Disease) Cases by Year of Estimated Illness Onset, California, 2012-2020



Leprosy (Hansen’s Disease) Cases and Population by Race/Ethnicity, California, 2012-2020



11.8% (n=10) of reported incidents of Leprosy (Hansen’s Disease) did not identify race/ethnicity and 3.5% (n=3) 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.

Leptospirosis

Leptospirosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	5	0.0*	1	0.0*	6	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	0	-	0	-	1	0.1*
BERKELEY	1	0.9*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	1	0.4*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	1	0.0*	2	0.0*
LOS ANGELES	0	-	0	-	0	-	1	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	1	0.7*
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	0	-	0	-	1	0.0*
PLACER	0	-	0	-	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	1	0.1*	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	2	0.1*	1	0.0*	0	-
SAN DIEGO	0	-	0	-	2	0.1*	0	-	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	1	0.0*
SAN JOAQUIN	0	-	0	-	0	-	0	-	2	0.2*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	0	-
SANTA CLARA	0	-	0	-	1	0.1*	0	-	2	0.1*
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	1	0.2*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	1	5	1	6	7	8	8	8	
JANUARY	1	0	0	0	0	0	1	0	1	
FEBRUARY	0	0	0	0	0	1	0	0	1	
MARCH	0	0	0	0	1	1	1	0	0	
APRIL	0	0	0	0	2	1	0	0	0	
MAY	0	0	0	0	1	0	1	1	1	
JUNE	0	0	0	0	0	1	1	1	0	
JULY	0	0	1	1	0	0	1	3	0	
AUGUST	0	0	1	0	0	1	3	2	1	
SEPTEMBER	0	0	0	0	1	1	0	0	0	
OCTOBER	0	0	1	0	0	0	0	0	2	
NOVEMBER	0	1	1	0	0	1	0	1	1	
DECEMBER	0	0	1	0	1	0	0	1	1	

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

Leptospirosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	5	0.0*	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	8	0.0*
FEMALE	0	-	0	-	0	-	0	-	3	0.0*	1	0.0*	1	0.0*	4	0.0*	0	-
MALE	1	0.0*	1	0.0*	5	0.0*	1	0.0*	3	0.0*	6	0.0*	7	0.0*	4	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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	5	0.0*	1	0.0*	6	0.0*	7	0.0*	8	0.0*	8	0.0*	8	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	-	2	0.0*	1	0.0*	1	0.0*	0	-	3	0.1*	0	-	1	0.0*
25-34	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	2	0.0*	0	-	2	0.0*
35-44	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	3	0.1*	1	0.0*
45-54	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	2	0.0*
55-64	0	-	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	1	0.0*	2	0.0*	1	0.0*
65+	0	-	0	-	0	-	0	-	0	-	2	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.

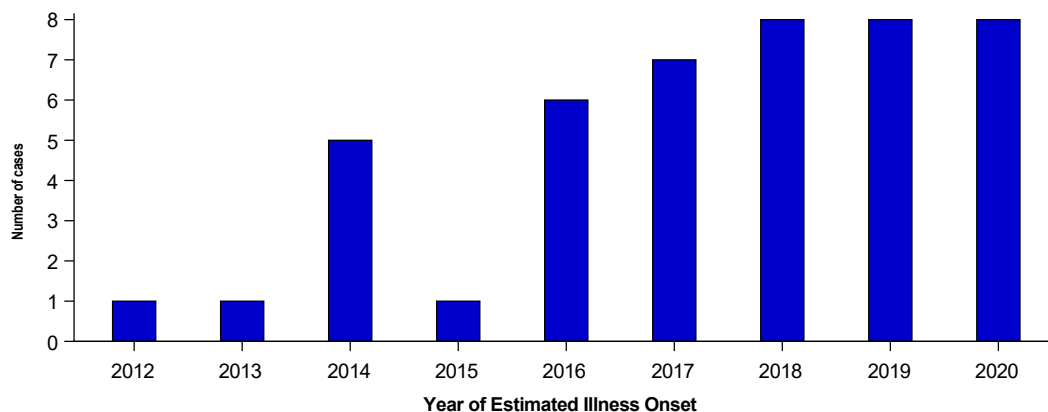
*Potentially unreliable rate: relative standard error 23 percent or more.

Leptospirosis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	1	5	1	6	7	8	8	8	
WHITE, NON-HISPANIC	1	1	2	1	2	4	3	3	4	
HISPANIC/LATINO	0	0	0	0	0	1	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	3	0	
BLACK, NON-HISPANIC	0	0	1	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	2	
UNKNOWN	0	0	2	0	3	2	5	2	2	

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

Leptospirosis Cases by Year of Estimated Illness Onset, California, 2012-2020



Listeriosis

Listeriosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	109	0.3	104	0.3	115	0.3	132	0.3	131	0.3
ALAMEDA COUNTY TOTAL	6	0.4*	3	0.2*	1	0.1*	8	0.5*	6	0.4*
ALAMEDA	6	0.4*	3	0.2*	1	0.1*	8	0.5*	6	0.4*
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	1	0.4*	0	-	3	1.3*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	4	0.4*	0	-	2	0.2*	1	0.1*
DEL NORTE	0	-	0	-	0	-	1	3.7*	0	-
EL DORADO	0	-	0	-	1	0.5*	0	-	1	0.5*
FRESNO	1	0.1*	1	0.1*	1	0.1*	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	1	3.5*
HUMBOLDT	1	0.7*	1	0.7*	1	0.7*	0	-	0	-
IMPERIAL	2	1.1*	0	-	1	0.5*	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	2	0.2*	1	0.1*	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	1	1.5*	0	-	0	-	1	1.6*
LASSEN	0	-	2	6.3*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	35	0.4	32	0.3	38	0.4	40	0.4	37	0.4
LOS ANGELES	33	0.4	28	0.3	34	0.4	37	0.4	35	0.4
LONG BEACH	1	0.2*	3	0.6*	4	0.8*	0	-	2	0.4*
PASADENA	1	0.7*	1	0.7*	0	-	3	2.1*	2	1.4*
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-	1	0.4*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	4	0.9*	2	0.5*	1	0.2*	2	0.5*
NAPA	2	1.4*	1	0.7*	0	-	1	0.7*	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	4	0.1*	6	0.2*	13	0.4*	12	0.4*	5	0.2*
PLACER	0	-	1	0.3*	0	-	1	0.3*	2	0.5*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	3	0.1*	1	0.0*	1	0.0*	9	0.4*	7	0.3*
SACRAMENTO	4	0.3*	1	0.1*	3	0.2*	2	0.1*	6	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	4	0.2*	3	0.1*	3	0.1*	3	0.1*
SAN DIEGO	12	0.4*	16	0.5*	13	0.4*	10	0.3*	18	0.5*
SAN FRANCISCO	11	1.3*	7	0.8*	7	0.8*	9	1.0*	3	0.3*
SAN JOAQUIN	0	-	1	0.1*	2	0.3*	0	-	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*
SAN MATEO	0	-	3	0.4*	5	0.7*	8	1.0*	6	0.8*
SANTA BARBARA	4	0.9*	0	-	1	0.2*	3	0.7*	2	0.4*
SANTA CLARA	8	0.4*	4	0.2*	10	0.5*	7	0.4*	5	0.3*
SANTA CRUZ	0	-	0	-	2	0.7*	2	0.7*	0	-
SHASTA	0	-	0	-	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	1	0.2*	1	0.2*	1	0.2*	2	0.5*
SONOMA	2	0.4*	2	0.4*	3	0.6*	1	0.2*	3	0.6*
STANISLAUS	1	0.2*	2	0.4*	0	-	1	0.2*	2	0.4*
SUTTER	0	-	0	-	0	-	4	4.1*	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	2	0.4*	3	0.6*	0	-
TUOLUMNE	0	-	0	-	0	-	1	1.9*	0	-
VENTURA	4	0.5*	3	0.4*	1	0.1*	2	0.2*	2	0.2*
YOLO	0	-	0	-	0	-	2	0.9*	0	-
YUBA	0	-	0	-	0	-	0	-	1	0.5*

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.

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

Listeriosis

Listeriosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	109	104	115	132	131	133	88	112	111	
JANUARY	7	6	5	12	2	15	3	11	3	
FEBRUARY	5	4	6	7	8	8	4	8	5	
MARCH	5	6	12	9	12	11	7	5	5	
APRIL	5	9	12	9	12	7	3	7	4	
MAY	6	12	4	5	6	5	9	13	7	
JUNE	14	11	5	19	11	13	9	16	15	
JULY	15	10	17	13	13	19	12	13	13	
AUGUST	10	9	14	14	16	16	15	11	12	
SEPTEMBER	18	13	17	13	19	16	9	10	10	
OCTOBER	13	10	8	13	13	8	5	3	16	
NOVEMBER	2	7	8	11	10	6	6	10	5	
DECEMBER	9	7	7	7	9	9	6	5	16	

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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	109	0.3	104	0.3	115	0.3	132	0.3	131	0.3	133	0.3	88	0.2	112	0.3	111	0.3
FEMALE	63	0.3	58	0.3	71	0.4	79	0.4	66	0.3	85	0.4	51	0.3	64	0.3	62	0.3
MALE	46	0.2	46	0.2	44	0.2	53	0.3	65	0.3	48	0.2	37	0.2	48	0.2	49	0.2

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

Listeriosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	109	0.3	104	0.3	115	0.3	132	0.3	131	0.3	133	0.3	88	0.2	112	0.3	111	0.3
0	2	0.4*	2	0.4*	5	1.0*	4	0.8*	4	0.8*	4	0.8*	10	2.2*	5	1.1*	7	1.6*
1-4	0	-	0	-	1	0.0*	1	0.0*	0	-	2	0.1*	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	2	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
15-24	6	0.1*	4	0.1*	5	0.1*	2	0.0*	5	0.1*	2	0.0*	2	0.0*	3	0.1*	3	0.1*
25-34	7	0.1*	9	0.2*	9	0.2*	8	0.2*	9	0.2*	10	0.2*	5	0.1*	9	0.2*	12	0.2*
35-44	5	0.1*	7	0.1*	8	0.2*	8	0.2*	7	0.1*	13	0.3*	6	0.1*	8	0.2*	7	0.1*
45-54	11	0.2*	11	0.2*	11	0.2*	8	0.2*	13	0.2*	15	0.3*	5	0.1*	11	0.2*	6	0.1*
55-64	11	0.3*	17	0.4*	11	0.2*	19	0.4	15	0.3*	14	0.3*	17	0.3*	16	0.3*	12	0.2*
65+	65	1.4	53	1.1	64	1.3	82	1.6	77	1.4	72	1.3	43	0.7	60	1.0	64	1.0

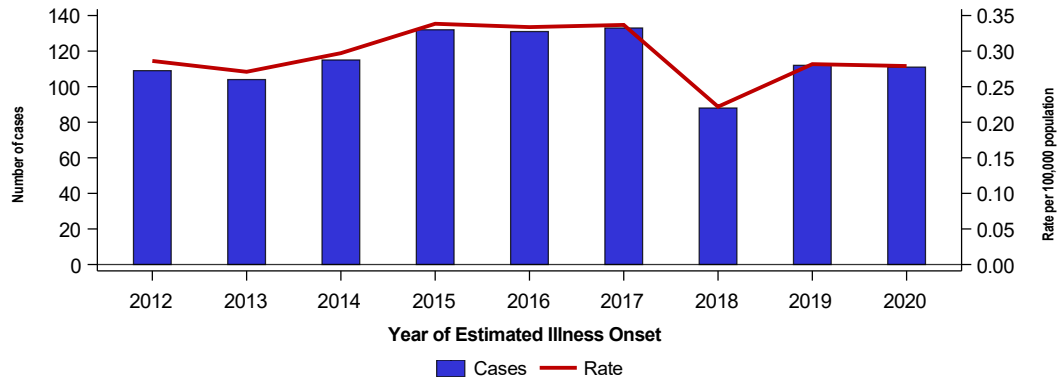
Rates are expressed as cases per 100,000 jurisdiction population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Includes reported cases of neonatal and non-neonatal listeriosis.

Listeriosis, Cases by Race/Ethnicity, California, 2012-2020

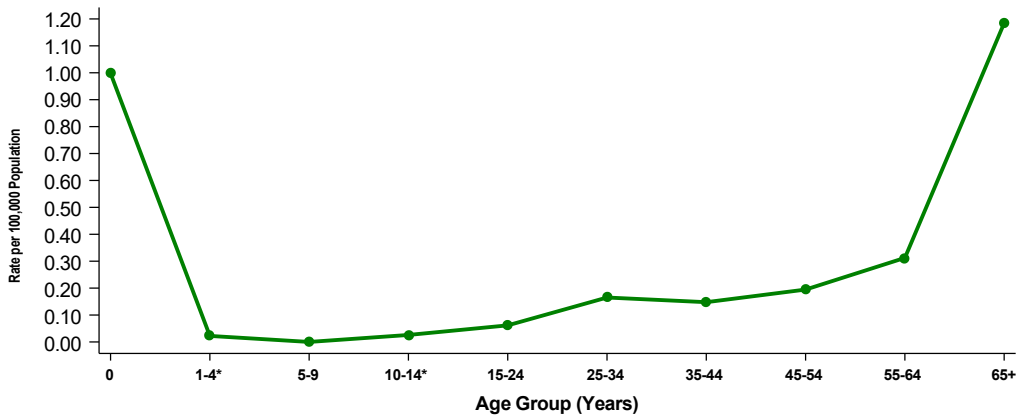
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	109	104	115	132	131	133	88	112	111	
WHITE, NON-HISPANIC	47	38	33	48	59	45	29	33	33	
HISPANIC/LATINO	29	23	36	38	32	35	30	39	39	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	19	17	28	20	22	33	16	24	25	
BLACK, NON-HISPANIC	3	6	4	4	6	6	2	6	2	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	1	1	2	0	0	1	2	1	
OTHER, NON-HISPANIC	1	2	2	5	4	4	5	4	3	
UNKNOWN	10	17	10	15	8	10	5	4	8	

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, 2012-2020

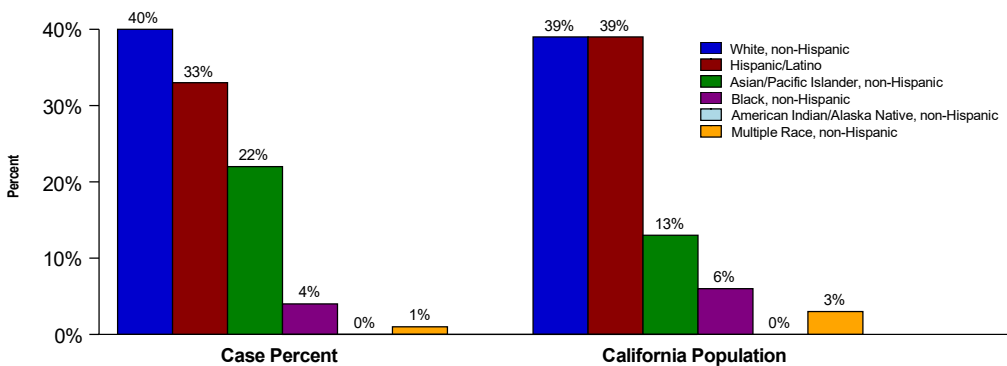


Listeriosis Average Incidence Rates by Age Group, California, 2012-2020



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

Listeriosis Cases and Population by Race/Ethnicity, California, 2012-2020



8.4% (n=87) of reported incidents of Listeriosis did not identify race/ethnicity and 2.9% (n=30) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	85	0.2	124	0.3	91	0.2	129	0.3	151	0.4	174	0.4	119	0.3	139	0.3	53	0.1
ALAMEDA COUNTY TOTAL	4	0.3*	0	-	6	0.4*	11	0.7*	14	0.9*	14	0.8*	4	0.2*	12	0.7*	6	0.4*
ALAMEDA	4	0.3*	0	-	3	0.2*	9	0.6*	12	0.8*	13	0.9*	4	0.3*	7	0.5*	5	0.3*
BERKELEY	0	-	0	-	3	2.5*	2	1.7*	2	1.7*	1	0.8*	0	-	5	4.1*	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	2.8*	0	-	2	5.5*	0	-	0	-	0	-	0	-	1	2.7*
BUTTE	1	0.5*	0	-	2	0.9*	0	-	3	1.3*	0	-	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	1	2.2*	0	-	1	2.2*	0	-	1	2.3*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	4	0.4*	3	0.3*	8	0.7*	11	1.0*	11	1.0*	10	0.9*	4	0.3*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	3	1.6*	1	0.5*	2	1.1*	4	2.2*	1	0.5*	0	-	0	-	0	-
FRESNO	5	0.5*	2	0.2*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
GLENN	0	-	0	-	1	3.5*	0	-	0	-	1	3.5*	1	3.5*	0	-	0	-
HUMBOLDT	2	1.5*	4	3.0*	6	4.5*	9	6.7*	7	5.2*	3	2.2*	1	0.7*	7	5.2*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-
KINGS	0	-	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	0	-	2	1.3*	1	0.6*
LAKE	0	-	0	-	0	-	1	1.5*	1	1.6*	0	-	2	3.1*	2	3.1*	1	1.6*
LASSEN	0	-	0	-	0	-	1	3.3*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	22	0.2	7	0.1*	7	0.1*	2	0.0*	3	0.0*	5	0.0*	3	0.0*	2	0.0*
LOS ANGELES	1	0.0*	19	0.2	5	0.1*	4	0.0*	1	0.0*	0	-	4	0.0*	3	0.0*	0	-
LONG BEACH	0	-	2	0.4*	2	0.4*	1	0.2*	1	0.2*	2	0.4*	0	-	0	-	1	0.2*
PASADENA	0	-	1	0.7*	0	-	2	1.4*	0	-	1	0.7*	1	0.7*	0	-	1	0.7*
MADERA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	1	0.6*
MARIN	3	1.2*	9	3.5*	4	1.5*	6	2.3*	2	0.8*	0	-	2	0.8*	8	3.1*	2	0.8*
MARIPOSA	1	5.5*	1	5.5*	1	5.5*	1	5.5*	0	-	0	-	0	-	0	-	0	-
MENDOCINO	3	3.4*	2	2.3*	2	2.3*	0	-	1	1.1*	2	2.3*	1	1.1*	9	10.2*	3	3.4*
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	7.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	0	-	2	0.5*	2	0.5*	0	-	0	-	3	0.7*	0	-
NAPA	2	1.4*	1	0.7*	3	2.1*	3	2.1*	1	0.7*	1	0.7*	2	1.4*	0	-	1	0.7*
NEVADA	4	4.1*	0	-	0	-	1	1.0*	2	2.0*	0	-	2	2.0*	2	2.0*	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
PLACER	2	0.6*	1	0.3*	0	-	0	-	1	0.3*	3	0.8*	0	-	0	-	0	-
PLUMAS	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	2	0.1*	3	0.1*	3	0.1*	4	0.2*	5	0.2*	5	0.2*	3	0.1*	4	0.2*
SACRAMENTO	1	0.1*	0	-	0	-	0	-	1	0.1*	1	0.1*	4	0.3*	2	0.1*	0	-
SAN BENITO	0	-	1	1.7*	0	-	1	1.7*	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	1	0.0*	5	0.2*	1	0.0*
SAN DIEGO	8	0.3*	6	0.2*	10	0.3*	11	0.3*	8	0.2*	18	0.5*	8	0.2*	0	-	3	0.1*
SAN FRANCISCO	3	0.4*	9	1.1*	0	-	0	-	2	0.2*	20	2.3	17	1.9*	13	1.4*	10	1.1*
SAN JOAQUIN	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*	0	-
SAN LUIS OBISPO	2	0.7*	3	1.1*	3	1.1*	4	1.4*	3	1.1*	0	-	3	1.1*	2	0.7*	3	1.1*
SAN MATEO	1	0.1*	6	0.8*	5	0.7*	6	0.8*	10	1.3*	4	0.5*	0	-	3	0.4*	1	0.1*
SANTA BARBARA	0	-	8	1.8*	1	0.2*	5	1.1*	7	1.6*	3	0.7*	6	1.3*	3	0.7*	1	0.2*
SANTA CLARA	4	0.2*	13	0.7*	5	0.3*	11	0.6*	16	0.8*	25	1.3	7	0.4*	6	0.3*	4	0.2*
SANTA CRUZ	7	2.6*	9	3.3*	7	2.6*	12	4.4*	5	1.8*	21	7.6	10	3.7*	14	5.1*	2	0.7*
SHASTA	1	0.6*	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-	0	-	1	0.6*
SIERRA	1	31.2*	0	-	0	-	0	-	0	-	0	-	1	31.9*	0	-	0	-
SISKIYOU	1	2.2*	1	2.2*	0	-	2	4.5*	1	2.3*	0	-	1	2.3*	1	2.3*	0	-
SOLANO	0	-	0	-	1	0.2*	0	-	4	0.9*	2	0.5*	2	0.5*	1	0.2*	1	0.2*
SONOMA	13	2.6*	7	1.4*	12	2.4*	13	2.6*	15	3.0*	18	3.6*	11	2.2*	10	2.0*	0	-
STANISLAUS	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	3	0.5*	5	0.9*	1	0.2*	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-
TEHAMA	0	-	0	-	1	1.6*	0	-	3	4.7*	0	-	0	-	0	-	0	-
TRINITY	1	7.3*	1	7.3*	1	7.3*	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	2	0.4*	1	0.2*	8	1.7*	0	-
TUOLUMNE	0	-	0	-	0	-	1	1.9*	2	3.8*	0	-	0	-	2	3.8*	0	-
VENTURA	2	0.2*	2	0.2*	0	-	0	-	6	0.7*	5	0.6*	3	0.4*	4	0.5*	0	-
YOLO	1	0.5*	1	0.5*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	1	0.5*	3	1.4*	0	-
YUBA	1	1.4*	0	-	2	2.7*	0	-	0	-	0	-	0	-	1	1.3*	1	1.3*

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.

Lyme Disease

Lyme Disease, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	85	124	91	129	151	174	119	139	53	
JANUARY	7	3	3	10	6	10	6	5	3	
FEBRUARY	3	3	4	3	4	6	5	6	7	
MARCH	4	7	3	6	6	17	4	8	2	
APRIL	3	5	6	9	10	10	10	11	5	
MAY	6	8	8	16	11	21	9	10	3	
JUNE	12	21	12	13	19	28	21	17	8	
JULY	10	23	21	21	30	26	22	22	7	
AUGUST	13	26	17	19	30	23	6	17	1	
SEPTEMBER	7	15	5	10	10	8	15	15	5	
OCTOBER	9	6	4	10	12	12	5	10	4	
NOVEMBER	6	6	4	6	5	8	7	11	4	
DECEMBER	5	1	4	6	8	5	9	7	4	

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

Lyme Disease, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	85	0.2	124	0.3	91	0.2	129	0.3	151	0.4	174	0.4	119	0.3	139	0.3	53	0.1
FEMALE	34	0.2	59	0.3	50	0.3	52	0.3	66	0.3	94	0.5	66	0.3	73	0.4	20	0.1
MALE	51	0.3	65	0.3	40	0.2	77	0.4	84	0.4	80	0.4	53	0.3	66	0.3	33	0.2
UNKNOWN	0	-	0	-	1	-	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.

Lyme Disease, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	85	0.2	124	0.3	91	0.2	129	0.3	151	0.4	174	0.4	119	0.3	139	0.3	53	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	3	0.1*	6	0.3*	2	0.1*	3	0.1*	4	0.2*	4	0.2*	2	0.1*	1	0.1*	2	0.1*
5-9	11	0.4*	10	0.4*	5	0.2*	17	0.7*	10	0.4*	5	0.2*	5	0.2*	9	0.4*	1	0.0*
10-14	10	0.4*	10	0.4*	5	0.2*	11	0.4*	14	0.5*	15	0.6*	7	0.3*	4	0.2*	2	0.1*
15-24	8	0.1*	14	0.2*	10	0.2*	10	0.2*	9	0.2*	17	0.3*	12	0.2*	20	0.3	8	0.1*
25-34	14	0.3*	17	0.3*	15	0.3*	15	0.3*	27	0.5	26	0.5	14	0.3*	23	0.4	14	0.3*
35-44	10	0.2*	15	0.3*	10	0.2*	16	0.3*	24	0.5	26	0.5	15	0.3*	15	0.3*	7	0.1*
45-54	6	0.1*	20	0.4	16	0.3*	21	0.4	17	0.3*	25	0.5	24	0.5	19	0.4	6	0.1*
55-64	11	0.3*	21	0.5	19	0.4	15	0.3*	19	0.4	30	0.6	25	0.5	21	0.4	3	0.1*
65+	10	0.2*	10	0.2*	9	0.2*	21	0.4	26	0.5	26	0.5	15	0.3*	27	0.4	10	0.2*
UNKNOWN	2	-	1	-	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.

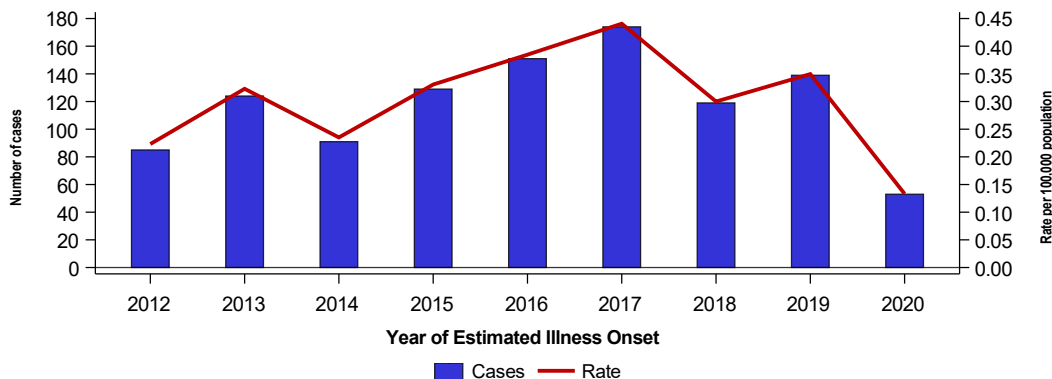
*Potentially unreliable rate: relative standard error 23 percent or more.

Lyme Disease, Cases by Race/Ethnicity, California, 2012-2020

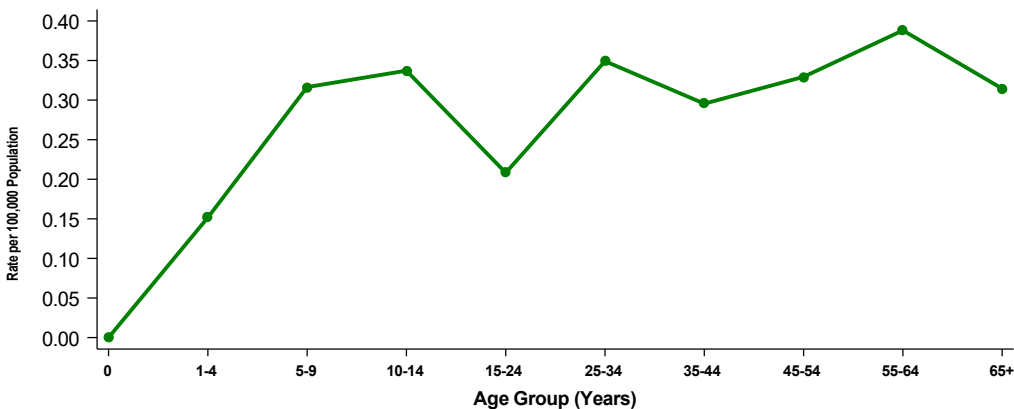
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	85	124	91	129	151	174	119	139	53	
WHITE, NON-HISPANIC	43	77	44	64	58	65	41	48	18	
HISPANIC/LATINO	3	7	5	4	9	7	2	5	3	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	2	1	8	9	4	4	4	3	
BLACK, NON-HISPANIC	0	0	0	1	1	1	3	1	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	1	1	0	0	1	0	
MULTIPLE RACE, NON-HISPANIC	0	2	0	0	0	1	2	0	1	
OTHER, NON-HISPANIC	0	1	0	0	5	5	5	4	2	
UNKNOWN	38	35	40	51	68	91	62	76	25	

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

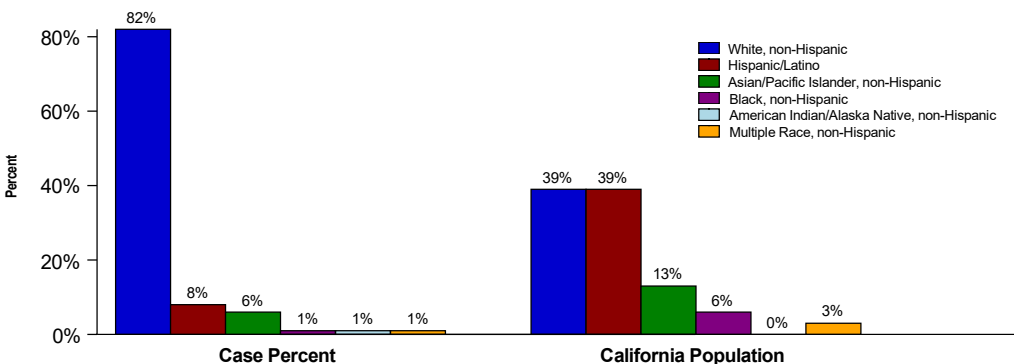
Lyme Disease Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Lyme Disease Average Incidence Rates by Age Group, California, 2012-2020



Lyme Disease Cases and Population by Race/Ethnicity, California, 2012-2020



45.6% (n=486) of reported incidents of Lyme Disease did not identify race/ethnicity and 2.1% (n=22) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	104	0.3	108	0.3	95	0.2	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	42	0.1
ALAMEDA COUNTY TOTAL	16	1.0*	13	0.8*	9	0.6*	12	0.7*	18	1.1*	16	1.0*	13	0.8*	12	0.7*	3	0.2*
ALAMEDA	14	1.0*	12	0.8*	8	0.5*	11	0.7*	14	0.9*	16	1.1*	12	0.8*	12	0.8*	2	0.1*
BERKELEY	2	1.7*	1	0.9*	1	0.8*	1	0.8*	4	3.3*	0	-	1	0.8*	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	-	0	-	2	0.9*	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	4	0.4*	5	0.5*	5	0.5*	5	0.4*	8	0.7*	3	0.3*	3	0.3*	8	0.7*	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	4	0.4*	2	0.2*	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	2	0.2*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	2	1.5*	1	0.7*	1	0.7*	0	-	1	0.7*	1	0.7*	0	-	0	-
IMPERIAL	1	0.6*	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	2	0.2*	1	0.1*	2	0.2*	3	0.3*	0	-	1	0.1*	2	0.2*	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	1	0.6*
LAKE	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	21	0.2	20	0.2	23	0.2	23	0.2	29	0.3	35	0.3	25	0.2	18	0.2*	10	0.1*
LOS ANGELES	19	0.2	16	0.2*	21	0.2	21	0.2	27	0.3	34	0.4	22	0.2	17	0.2*	8	0.1*
LONG BEACH	1	0.2*	2	0.4*	2	0.4*	2	0.4*	0	-	1	0.2*	2	0.4*	0	-	2	0.4*
PASADENA	1	0.7*	2	1.4*	0	-	0	-	2	1.4*	0	-	1	0.7*	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	2	0.8*	1	0.4*	1	0.4*	1	0.4*	0	-	0	-	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	-	1	1.1*	0	-	0	-	0	-
MERCED	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	10.6*
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	1	0.2*	2	0.5*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
NEVADA	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*
ORANGE	6	0.2*	7	0.2*	2	0.1*	9	0.3*	9	0.3*	4	0.1*	3	0.1*	6	0.2*	2	0.1*
PLACER	1	0.3*	1	0.3*	3	0.8*	0	-	1	0.3*	1	0.3*	1	0.3*	3	0.8*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	4	0.2*	5	0.2*	1	0.0*	5	0.2*	4	0.2*	10	0.4*	3	0.1*	3	0.1*	0	-
SACRAMENTO	5	0.3*	2	0.1*	6	0.4*	6	0.4*	8	0.5*	12	0.8*	14	0.9*	11	0.7*	7	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.1*	5	0.2*	3	0.1*	3	0.1*	8	0.4*	5	0.2*	3	0.1*	5	0.2*	0	-
SAN DIEGO	7	0.2*	9	0.3*	7	0.2*	8	0.2*	13	0.4*	7	0.2*	8	0.2*	6	0.2*	4	0.1*
SAN FRANCISCO	1	0.1*	4	0.5*	7	0.8*	5	0.6*	7	0.8*	6	0.7*	3	0.3*	3	0.3*	0	-
SAN JOAQUIN	0	-	1	0.1*	2	0.3*	0	-	2	0.3*	5	0.7*	1	0.1*	1	0.1*	1	0.1*
SAN LUIS OBISPO	0	-	1	0.4*	2	0.7*	0	-	1	0.4*	0	-	1	0.4*	1	0.4*	1	0.4*
SAN MATEO	0	-	1	0.1*	1	0.1*	6	0.8*	1	0.1*	3	0.4*	4	0.5*	1	0.1*	1	0.1*
SANTA BARBARA	1	0.2*	1	0.2*	1	0.2*	1	0.2*	3	0.7*	1	0.2*	1	0.2*	0	-	0	-
SANTA CLARA	8	0.4*	13	0.7*	8	0.4*	9	0.5*	9	0.5*	12	0.6*	8	0.4*	14	0.7*	5	0.3*
SANTA CRUZ	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	0	-
SHASTA	5	2.8*	2	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-	0	-	2	0.5*	0	-	0	-	1	0.2*	0	-
SONOMA	0	-	2	0.4*	0	-	0	-	0	-	3	0.6*	0	-	0	-	0	-
STANISLAUS	0	-	0	-	1	0.2*	0	-	1	0.2*	2	0.4*	0	-	1	0.2*	0	-
SUTTER	3	3.2*	3	3.1*	2	2.1*	1	1.0*	0	-	0	-	1	1.0*	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	1	1.9*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	3	0.4*	1	0.1*	1	0.1*	0	-	0	-	3	0.4*	0	-	2	0.2*	0	-
YOLO	2	1.0*	2	1.0*	2	1.0*	2	0.9*	1	0.5*	1	0.5*	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	1	1.3*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	104	108	95	101	129	134	97	105	42	
JANUARY	14	4	6	9	6	9	10	9	10	
FEBRUARY	3	3	5	7	7	6	4	2	3	
MARCH	7	4	5	3	5	5	3	5	2	
APRIL	10	6	4	7	11	9	10	6	4	
MAY	10	18	7	6	11	11	7	9	6	
JUNE	11	6	8	13	14	8	8	14	1	
JULY	12	12	19	14	16	18	10	11	5	
AUGUST	14	11	12	11	24	16	11	9	3	
SEPTEMBER	4	12	5	10	15	21	12	18	0	
OCTOBER	7	9	9	11	6	15	5	9	3	
NOVEMBER	8	12	8	6	7	9	8	5	0	
DECEMBER	4	11	7	4	7	7	9	8	5	

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

Malaria, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	104	0.3	108	0.3	95	0.2	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	42	0.1
FEMALE	37	0.2	41	0.2	36	0.2	38	0.2	53	0.3	46	0.2	43	0.2	42	0.2	20	0.1
MALE	66	0.3	67	0.4	59	0.3	63	0.3	76	0.4	88	0.4	54	0.3	63	0.3	22	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.

Malaria, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	104	0.3	108	0.3	95	0.2	101	0.3	129	0.3	134	0.3	97	0.2	105	0.3	42	0.1
0	0	-	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-
1-4	3	0.1*	3	0.1*	2	0.1*	1	0.0*	3	0.2*	2	0.1*	5	0.3*	2	0.1*	2	0.1*
5-9	3	0.1*	4	0.2*	1	0.0*	5	0.2*	7	0.3*	4	0.2*	6	0.2*	8	0.3*	2	0.1*
10-14	3	0.1*	3	0.1*	3	0.1*	3	0.1*	5	0.2*	9	0.3*	2	0.1*	8	0.3*	2	0.1*
15-24	20	0.4	14	0.2*	15	0.3*	15	0.3*	16	0.3*	22	0.4	14	0.2*	10	0.2*	7	0.1*
25-34	21	0.4	30	0.6	23	0.4	24	0.5	31	0.6	29	0.6	20	0.4	14	0.3*	10	0.2*
35-44	15	0.3*	13	0.3*	14	0.3*	21	0.4	15	0.3*	20	0.4	14	0.3*	23	0.4	4	0.1*
45-54	16	0.3*	14	0.3*	14	0.3*	11	0.2*	15	0.3*	15	0.3*	15	0.3*	12	0.2*	8	0.2*
55-64	14	0.3*	18	0.4*	15	0.3*	9	0.2*	20	0.4	20	0.4	16	0.3*	13	0.3*	2	0.0*
65+	7	0.2*	9	0.2*	6	0.1*	11	0.2*	16	0.3*	12	0.2*	5	0.1*	14	0.2*	5	0.1*
UNKNOWN	2	-	0	-	1	-	1	-	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.

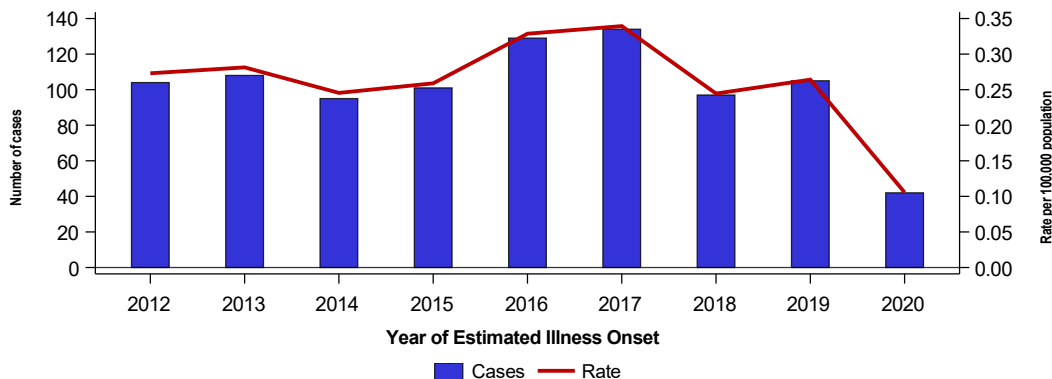
*Potentially unreliable rate: relative standard error 23 percent or more.

Malaria, Cases by Race/Ethnicity, California, 2012-2020

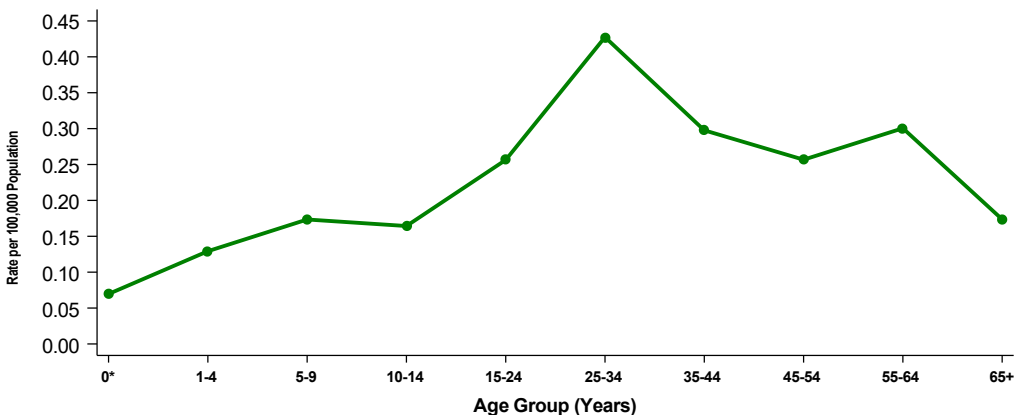
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	104	108	95	101	129	134	97	105	42	
WHITE, NON-HISPANIC	24	19	16	18	21	17	11	12	7	
HISPANIC/LATINO	5	6	4	5	8	5	2	3	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	30	24	11	17	15	17	24	12	7	
BLACK, NON-HISPANIC	32	37	37	39	62	68	36	47	16	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	1	3	2	2	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	2	1	1	1	1	
OTHER, NON-HISPANIC	5	6	5	7	7	7	9	11	6	
UNKNOWN	8	16	20	14	11	12	12	19	5	

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

Malaria Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020

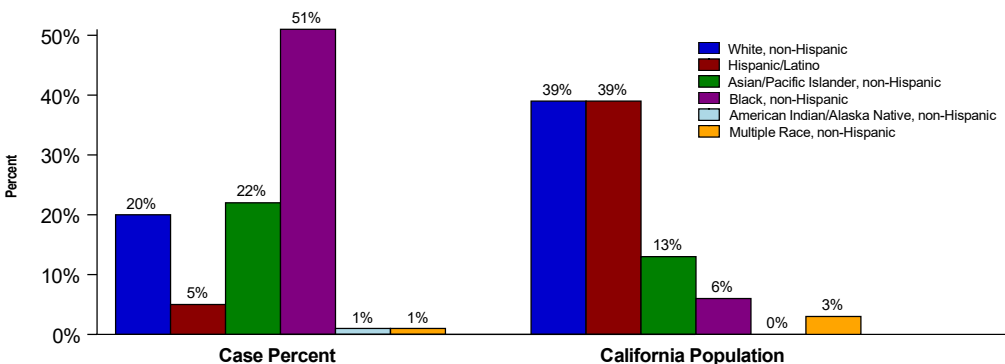


Malaria Average Incidence Rates by Age Group, California, 2012-2020



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

Malaria Cases and Population by Race/Ethnicity, California, 2012-2020



12.8% (n=117) of reported incidents of Malaria did not identify race/ethnicity and 7.4% (n=68) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	0	0	0	0	0	1	0.0*	0	0
ALAMEDA COUNTY TOTAL	0	0	0	0	0	0	0	0	0	0
ALAMEDA	0	0	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	0	0	0	0	0	0	0	0
LOS ANGELES	0	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	0	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	0	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	0	0	0	0	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	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.

Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	0	0	0	0	0	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	1	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
FEMALE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
MALE	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 and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	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	-	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	-	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.

Paralytic Shellfish Poisoning, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	0	0	0	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	0	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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	26	0.1	30	0.1	23	0.1	10	0.0*	18	0.0*	10	0.0*	21	0.1	33	0.1	18	0.0*
ALAMEDA COUNTY TOTAL	6	0.4*	4	0.3*	3	0.2*	3	0.2*	5	0.3*	1	0.1*	1	0.1*	6	0.4*	5	0.3*
ALAMEDA	6	0.4*	4	0.3*	3	0.2*	3	0.2*	5	0.3*	1	0.1*	1	0.1*	6	0.4*	5	0.3*
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	3	0.3*	1	0.1*	0	-	2	0.2*	2	0.2*	2	0.2*	1	0.1*	2	0.2*	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	-	1	0.1*	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	-	1	0.1*
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*	3	0.0*	4	0.0*	0	-	4	0.0*	1	0.0*	5	0.0*	4	0.0*	3	0.0*
LOS ANGELES	2	0.0*	3	0.0*	3	0.0*	0	-	4	0.0*	1	0.0*	5	0.1*	4	0.0*	3	0.0*
LONG BEACH	0	-	0	-	1	0.2*	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	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	2	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	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	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	0	-	3	0.2*	1	0.1*	0	-	3	0.2*	0	-	1	0.1*	2	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	-	5	0.2*	4	0.1*	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	1	0.1*	3	0.3*	2	0.2*	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	2	0.3*	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	2	0.3*	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SANTA CLARA	11	0.6*	9	0.5*	7	0.4*	5	0.3*	2	0.1*	4	0.2*	7	0.4*	11	0.6*	5	0.3*
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	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	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	-	0	-	0	-	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*	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.

Paratyphoid Fever

Paratyphoid Fever, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	26	30	23	10	18	10	21	33	18	
JANUARY	5	5	5	0	2	2	0	0	6	
FEBRUARY	1	4	1	2	1	0	6	3	6	
MARCH	2	4	3	2	1	2	1	2	3	
APRIL	6	1	2	0	0	0	0	3	0	
MAY	0	1	3	0	2	1	0	1	0	
JUNE	1	1	2	0	0	0	1	4	1	
JULY	2	2	2	1	1	0	0	5	0	
AUGUST	3	6	3	2	4	0	7	6	1	
SEPTEMBER	3	0	1	0	4	1	2	2	0	
OCTOBER	0	3	0	1	0	0	1	1	0	
NOVEMBER	0	2	0	0	0	2	1	2	0	
DECEMBER	3	1	1	2	3	2	2	4	1	

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

Paratyphoid Fever, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	26	0.1	30	0.1	23	0.1	10	0.0*	18	0.0*	10	0.0*	21	0.1	33	0.1	18	0.0*
FEMALE	14	0.1*	15	0.1*	11	0.1*	6	0.0*	10	0.1*	3	0.0*	9	0.0*	22	0.1	9	0.0*
MALE	12	0.1*	15	0.1*	12	0.1*	4	0.0*	8	0.0*	7	0.0*	12	0.1*	11	0.1*	9	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 and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	26	0.1	30	0.1	23	0.1	10	0.0*	18	0.0*	10	0.0*	21	0.1	33	0.1	18	0.0*
0	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
1-4	6	0.3*	1	0.0*	3	0.1*	0	-	0	-	0	-	1	0.1*	2	0.1*	0	-
5-9	2	0.1*	5	0.2*	2	0.1*	2	0.1*	3	0.1*	0	-	1	0.0*	2	0.1*	0	-
10-14	1	0.0*	2	0.1*	4	0.2*	2	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-
15-24	1	0.0*	4	0.1*	2	0.0*	1	0.0*	2	0.0*	4	0.1*	3	0.1*	6	0.1*	4	0.1*
25-34	8	0.1*	9	0.2*	2	0.0*	0	-	4	0.1*	3	0.1*	7	0.1*	11	0.2*	6	0.1*
35-44	5	0.1*	4	0.1*	3	0.1*	2	0.0*	4	0.1*	1	0.0*	4	0.1*	3	0.1*	2	0.0*
45-54	3	0.1*	3	0.1*	3	0.1*	0	-	4	0.1*	0	-	4	0.1*	3	0.1*	1	0.0*
55-64	0	-	1	0.0*	3	0.1*	2	0.0*	0	-	0	-	0	-	4	0.1*	3	0.1*
65+	0	-	0	-	1	0.0*	0	-	0	-	1	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.

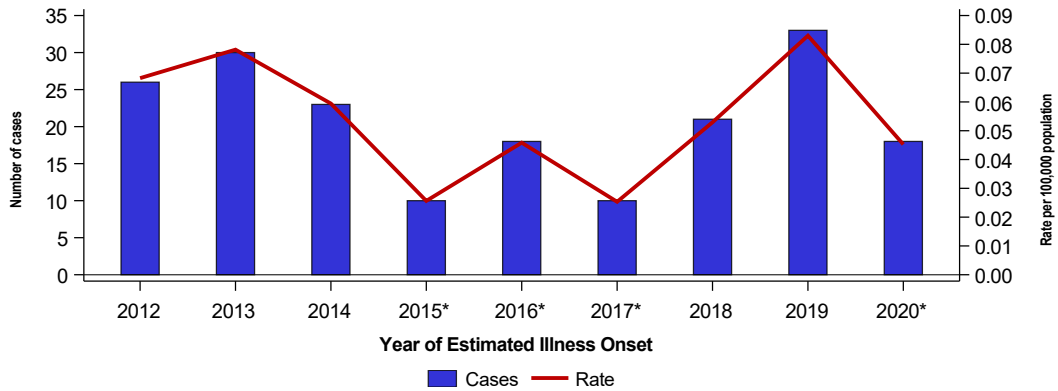
*Potentially unreliable rate: relative standard error 23 percent or more.

Paratyphoid Fever, Cases by Race/Ethnicity, California, 2012-2020

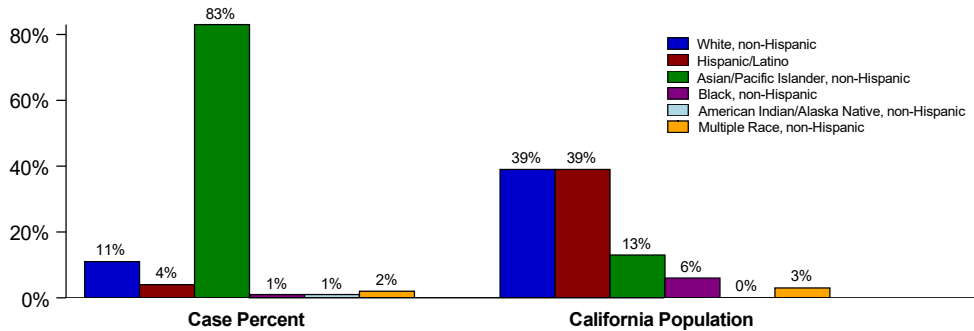
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	26	30	23	10	18	10	21	33	18	
WHITE, NON-HISPANIC	1	4	2	0	2	1	2	4	1	
HISPANIC/LATINO	0	1	0	0	1	2	1	1	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	23	21	17	8	12	6	15	18	12	
BLACK, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	1	0	0	
MULTIPLE RACE, NON-HISPANIC	0	1	1	0	0	0	0	1	0	
OTHER, NON-HISPANIC	0	1	1	1	1	0	2	7	2	
UNKNOWN	2	2	1	1	2	1	0	2	3	

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

Paratyphoid Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Paratyphoid Fever Cases and Population by Race/Ethnicity, California, 2012-2020



7.4% (n=14) of reported incidents of Paratyphoid Fever did not identify race/ethnicity and 7.9% (n=15) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	0	0	1 0.0*	0	0	0	0	0	1 0.0*
ALAMEDA COUNTY TOTAL	0	0	0	0	0	0	0	0	0	0
ALAMEDA	0	0	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	1 0.5*	
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	0	1 0.0*	0	0	0	0	0	0
LOS ANGELES	0	0	0	1 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	0	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	0	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	0	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.

Plague, human

Plague, human, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	0	0	1	0	0	0	0	0	1
JANUARY	0	0	0	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	0	0	1	0	0	0	0	0	0
AUGUST	0	0	0	0	0	0	0	0	0	1
SEPTEMBER	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0	0	0	0
DECEMBER	0	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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	-	0	-	0	-	1	0.0*
FEMALE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
MALE	0	-	0	-	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.

Plague, human, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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	-	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	-	1	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	-	0	-	0	-	0	-	1	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, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	0	0	1	0	0	0	0	0	1
WHITE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	1
HISPANIC/LATINO	0	0	0	1	0	0	0	0	0	0
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	0
BLACK, NON-HISPANIC	0	0	0	0	0	0	0	0	0	0
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	0
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	0	0	0
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	0
UNKNOWN	0	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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	0		0		4	0.0*	2	0.0*	1	0.0*	0		1	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0		0		0	-	0	-	0	-	0		0	-
ALAMEDA	0	-	1	0.1*	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	1	0.6*	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		4	0.1*	2	0.1*	0	-	0		1	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		0		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.

Psittacosis

Psittacosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	1	0	0	4	2	1	0	1	
JANUARY	1	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	1	0	0	0	0	
MARCH	0	0	0	0	0	1	1	0	0	
APRIL	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	1	
JUNE	0	0	0	0	1	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	
AUGUST	0	1	0	0	1	0	0	0	0	
SEPTEMBER	0	0	0	0	0	1	0	0	0	
OCTOBER	0	0	0	0	1	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	0	-	0	-	4	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*
FEMALE	1	0.0*	0	-	0	-	0	-	3	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
MALE	0	-	1	0.0*	0	-	0	-	1	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 and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	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	-	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	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-
45-54	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	1	0.0*	1	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.

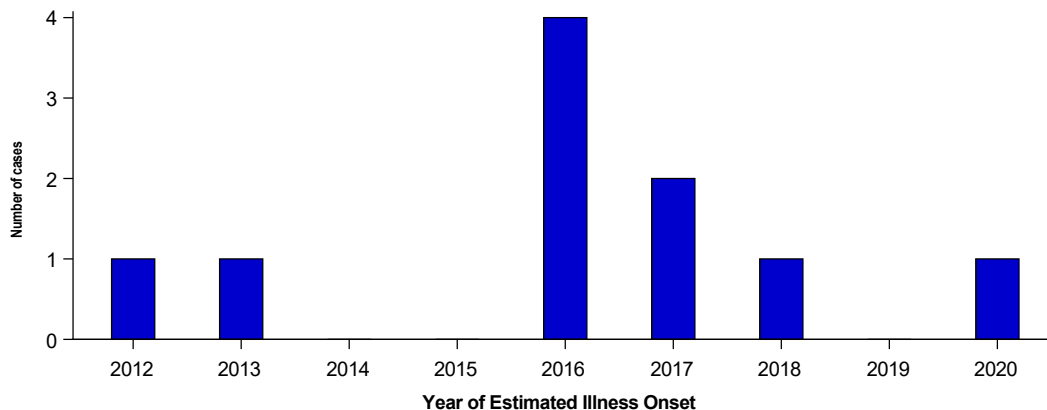
*Potentially unreliable rate: relative standard error 23 percent or more.

Psittacosis, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	1	0	0	4	2	1	0	1	
WHITE, NON-HISPANIC	0	1	0	0	1	1	0	0	0	
HISPANIC/LATINO	0	0	0	0	1	0	0	0	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	1	0	0	0	0	
BLACK, NON-HISPANIC	0	0	0	0	0	0	1	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	1	0	0	0	1	1	0	0	0	

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

Psittacosis Cases by Year of Estimated Illness Onset, California, 2012-2020



Q Fever

Q Fever, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	19	0.0	37	0.1	43	0.1	33	0.1	40	0.1	59	0.1	51	0.1	28	0.1
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-	2	0.1*	0	-
ALAMEDA	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-	2	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	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.2*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	2	1.1*	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	4	0.4*	3	0.3*	2	0.2*	4	0.4*	0	-	1	0.1*	3	0.3*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.4*	0	-
HUMBOLDT	0	-	0	-	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.4*	0	-
KERN	0	-	1	0.1*	1	0.1*	2	0.2*	2	0.2*	0	-	2	0.2*	0	-	0	-
KINGS	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	1	0.7*	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*	1	0.0*	1	0.0*	5	0.0*	3	0.0*	3	0.0*	6	0.1*	6	0.1*	1	0.0*
LOS ANGELES	2	0.0*	1	0.0*	1	0.0*	4	0.0*	3	0.0*	3	0.0*	6	0.1*	6	0.1*	0	-
LONG BEACH	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
MADERA	1	0.7*	0	-	2	1.3*	1	0.6*	0	-	1	0.6*	2	1.3*	0	-	1	0.6*
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	1	5.5*	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*
MERCED	3	1.1*	2	0.8*	0	-	0	-	0	-	0	-	2	0.7*	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*	1	0.2*	0	-	0	-	0	-	2	0.5*	1	0.2*	0	-
NAPA	0	-	0	-	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-
ORANGE	3	0.1*	1	0.0*	3	0.1*	1	0.0*	1	0.0*	0	-	2	0.1*	2	0.1*	0	-
PLACER	0	-	0	-	1	0.3*	0	-	0	-	1	0.3*	1	0.3*	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	4	0.2*	1	0.0*	2	0.1*	10	0.4*	3	0.1*	11	0.5*	21	0.9	11	0.5*	7	0.3*
SACRAMENTO	0	-	0	-	0	-	4	0.3*	2	0.1*	2	0.1*	1	0.1*	3	0.2*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	1	1.7*	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	2	0.1*	0	-	2	0.1*	3	0.1*	2	0.1*	7	0.3*	6	0.3*
SAN DIEGO	0	-	2	0.1*	1	0.0*	0	-	1	0.0*	2	0.1*	1	0.0*	2	0.1*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
SAN JOAQUIN	0	-	0	-	4	0.6*	2	0.3*	0	-	1	0.1*	2	0.3*	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	2	0.4*	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-	0	-	3	0.2*	2	0.1*	4	0.2*	1	0.1*	1	0.1*
SANTA CRUZ	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*
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	-	1	2.3*	0	-	0	-
SOLANO	1	0.2*	1	0.2*	2	0.5*	1	0.2*	0	-	1	0.2*	3	0.7*	3	0.7*	0	-
SONOMA	0	-	1	0.2*	0	-	3	0.6*	1	0.2*	0	-	1	0.2*	1	0.2*	2	0.4*
STANISLAUS	2	0.4*	3	0.6*	5	0.9*	4	0.7*	3	0.6*	1	0.2*	1	0.2*	1	0.2*	0	-
SUTTER	0	-	0	-	1	1.0*	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	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*
VENTURA	0	-	0	-	1	0.1*	2	0.2*	1	0.1*	2	0.2*	1	0.1*	0	-	0	-
YOLO	0	-	2	1.0*	2	1.0*	0	-	1	0.5*	0	-	0	-	0	-	0	-
YUBA	0	-	1	1.4*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	21	19	37	43	33	40	59	51	28	
JANUARY	3	1	4	5	2	2	4	4	1	
FEBRUARY	4	1	3	1	2	5	3	4	7	
MARCH	2	0	2	2	1	3	10	3	1	
APRIL	2	2	6	6	5	7	11	6	1	
MAY	3	2	9	8	9	4	5	8	4	
JUNE	3	2	4	7	6	3	4	6	0	
JULY	2	2	1	2	3	5	6	5	2	
AUGUST	1	6	3	4	0	3	7	3	7	
SEPTEMBER	1	2	1	1	1	3	4	3	1	
OCTOBER	0	1	1	5	2	0	2	2	0	
NOVEMBER	0	0	1	0	0	3	3	4	3	
DECEMBER	0	0	2	2	2	2	0	3	1	

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

Q Fever, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	19	0.0	37	0.1	43	0.1	33	0.1	40	0.1	59	0.1	51	0.1	28	0.1
FEMALE	6	0.0*	3	0.0*	11	0.1*	5	0.0*	5	0.0*	11	0.1*	9	0.0*	9	0.0*	5	0.0*
MALE	15	0.1*	16	0.1*	26	0.1	38	0.2	28	0.1	29	0.1	50	0.3	42	0.2	23	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.

Q Fever, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	19	0.0	37	0.1	43	0.1	33	0.1	40	0.1	59	0.1	51	0.1	28	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	-	1	0.0*	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-
15-24	0	-	0	-	1	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*
25-34	2	0.0*	1	0.0*	2	0.0*	4	0.1*	0	-	2	0.0*	4	0.1*	5	0.1*	1	0.0*
35-44	5	0.1*	6	0.1*	2	0.0*	4	0.1*	6	0.1*	6	0.1*	11	0.2*	4	0.1*	4	0.1*
45-54	6	0.1*	3	0.1*	12	0.2*	9	0.2*	11	0.2*	10	0.2*	12	0.2*	10	0.2*	10	0.2*
55-64	5	0.1*	5	0.1*	15	0.3*	14	0.3*	5	0.1*	10	0.2*	18	0.4*	15	0.3*	3	0.1*
65+	3	0.1*	4	0.1*	4	0.1*	10	0.2*	10	0.2*	11	0.2*	13	0.2*	14	0.2*	8	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.

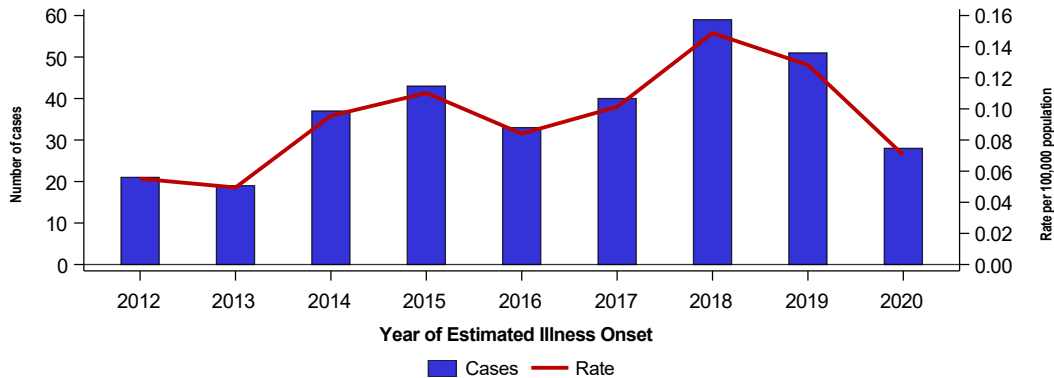
*Potentially unreliable rate: relative standard error 23 percent or more.

Q Fever, Cases by Race/Ethnicity, California, 2012-2020

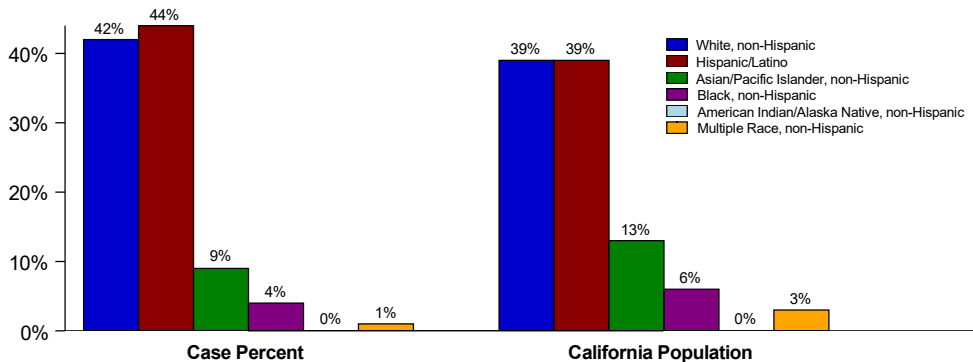
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	21	19	37	43	33	40	59	51	28	
WHITE, NON-HISPANIC	6	5	14	16	11	12	12	18	13	
HISPANIC/LATINO	7	6	10	13	7	16	29	19	5	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	5	5	2	1	2	3	1	2	
BLACK, NON-HISPANIC	1	1	1	0	2	1	1	2	1	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	1	0	0	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	1	1	1	0	
OTHER, NON-HISPANIC	1	0	1	0	2	2	5	2	1	
UNKNOWN	5	2	5	12	10	6	8	8	6	

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

Q Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Q Fever Cases and Population by Race/Ethnicity, California, 2012-2020



18.7% (n=62) of reported incidents of Q Fever did not identify race/ethnicity and 4.2% (n=14) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2012		2013		2014		2015		2016		2017		2018		2019		2020			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	251	N/A	199	N/A	200	N/A	230	N/A	226	N/A	231	N/A	226	N/A	276	N/A	248	N/A		
ALAMEDA COUNTY TOTAL	4	N/A	5	N/A	2	N/A	13	N/A	2	N/A	2	N/A	2	N/A	7	N/A	4	N/A		
ALAMEDA	4	N/A	5	N/A	2	N/A	13	N/A	2	N/A	2	N/A	2	N/A	7	N/A	3	N/A		
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A		
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
AMADOR	1	N/A	0	-	4	N/A	3	N/A	11	N/A	11	N/A	7	N/A	4	N/A	4	N/A		
BUTTE	8	N/A	5	N/A	6	N/A	12	N/A	6	N/A	4	N/A	8	N/A	5	N/A	6	N/A		
CALAVERAS	1	N/A	0	-	0	-	5	N/A	4	N/A	3	N/A	2	N/A	1	N/A	4	N/A		
COLUSA	1	N/A	1	N/A	2	N/A	2	N/A	1	N/A	0	-	0	-	0	-	1	N/A		
CONTRA COSTA	6	N/A	6	N/A	5	N/A	7	N/A	7	N/A	8	N/A	5	N/A	8	N/A	3	N/A		
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
EL DORADO	9	N/A	4	N/A	16	N/A	12	N/A	14	N/A	12	N/A	7	N/A	5	N/A	11	N/A		
FRESNO	3	N/A	3	N/A	2	N/A	1	N/A	4	N/A	0	-	2	N/A	5	N/A	4	N/A		
GLENN	1	N/A	2	N/A	2	N/A	2	N/A	2	N/A	4	N/A	2	N/A	2	N/A	1	N/A		
HUMBOLDT	1	N/A	0	-	0	-	1	N/A	8	N/A	1	N/A	2	N/A	4	N/A	0	-		
IMPERIAL	0	-	1	N/A	0	-	1	N/A	1	N/A	0	-	0	-	0	-	1	N/A		
INYO	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	3	N/A	0	-		
KERN	11	N/A	6	N/A	3	N/A	0	-	1	N/A	5	N/A	1	N/A	0	-	1	N/A		
KINGS	1	N/A	0	-	0	-	0	-	0	-	1	N/A	3	N/A	1	N/A	0	-		
LAKE	1	N/A	0	-	0	-	0	-	0	-	2	N/A	1	N/A	0	-	0	-		
LASSEN	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	1	N/A		
LOS ANGELES COUNTY TOTAL	56	N/A	35	N/A	42	N/A	34	N/A	38	N/A	33	N/A	27	N/A	51	N/A	51	N/A		
LOS ANGELES	56	N/A	35	N/A	42	N/A	34	N/A	38	N/A	33	N/A	27	N/A	50	N/A	51	N/A		
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-		
MADERA	2	N/A	1	N/A	0	-	0	-	0	-	0	-	4	N/A	1	N/A	1	N/A		
MARIN	4	N/A	7	N/A	13	N/A	3	N/A	15	N/A	16	N/A	13	N/A	16	N/A	10	N/A		
MARIPOSA	2	N/A	2	N/A	5	N/A	0	-	5	N/A	1	N/A	0	-	2	N/A	0	-		
MENDOCINO	1	N/A	0	-	0	-	2	N/A	2	N/A	0	-	0	-	0	-	0	-		
MERCED	2	N/A	0	-	0	-	2	N/A	0	-	0	-	0	-	0	-	1	N/A		
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-		
MONO	0	-	0	-	0	-	0	-	1	N/A	1	N/A	0	-	0	-	0	-		
MONTEREY	7	N/A	1	N/A	2	N/A	4	N/A	4	N/A	0	-	2	N/A	0	-	1	N/A		
NAPA	0	-	0	-	0	-	1	N/A	1	N/A	2	N/A	0	-	0	-	0	-		
NEVADA	2	N/A	2	N/A	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-		
ORANGE	14	N/A	13	N/A	7	N/A	11	N/A	12	N/A	13	N/A	11	N/A	15	N/A	19	N/A		
PLACER	6	N/A	5	N/A	3	N/A	7	N/A	2	N/A	5	N/A	1	N/A	2	N/A	5	N/A		
PLUMAS	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-		
RIVERSIDE	16	N/A	13	N/A	6	N/A	16	N/A	7	N/A	14	N/A	7	N/A	13	N/A	16	N/A		
SACRAMENTO	6	N/A	6	N/A	4	N/A	12	N/A	7	N/A	11	N/A	21	N/A	14	N/A	7	N/A		
SAN BENITO	1	N/A	0	-	2	N/A	0	-	0	-	0	-	0	-	0	-	0	-		
SAN BERNARDINO	10	N/A	15	N/A	11	N/A	8	N/A	9	N/A	11	N/A	4	N/A	7	N/A	22	N/A		
SAN DIEGO	13	N/A	10	N/A	7	N/A	6	N/A	7	N/A	16	N/A	7	N/A	7	N/A	8	N/A		
SAN FRANCISCO	7	N/A	2	N/A	6	N/A	3	N/A	2	N/A	4	N/A	2	N/A	3	N/A	1	N/A		
SAN JOAQUIN	0	-	0	-	1	N/A	3	N/A	1	N/A	3	N/A	5	N/A	6	N/A	5	N/A		
SAN LUIS OBISPO	0	-	0	-	0	-	1	N/A	2	N/A	3	N/A	2	N/A	1	N/A	1	N/A		
SAN MATEO	3	N/A	3	N/A	2	N/A	3	N/A	0	-	3	N/A	5	N/A	3	N/A	4	N/A		
SANTA BARBARA	2	N/A	0	-	0	-	1	N/A	1	N/A	0	-	1	N/A	6	N/A	5	N/A		
SANTA CLARA	3	N/A	7	N/A	8	N/A	10	N/A	3	N/A	5	N/A	10	N/A	9	N/A	6	N/A		
SANTA CRUZ	1	N/A	0	-	1	N/A	1	N/A	0	-	0	-	0	-	0	-	1	N/A		
SHASTA	0	-	1	N/A	0	-	1	N/A	0	-	0	-	1	N/A	1	N/A	1	N/A		
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	1	N/A	0	-	0	-	0	-	1	N/A	0	-	0	-	1	N/A	1	N/A		
SOLANO	6	N/A	1	N/A	2	N/A	4	N/A	4	N/A	1	N/A	4	N/A	4	N/A	1	N/A		
SONOMA	5	N/A	7	N/A	8	N/A	5	N/A	5	N/A	3	N/A	5	N/A	5	N/A	5	N/A		
STANISLAUS	0	-	2	N/A	1	N/A	3	N/A	0	-	0	-	0	-	2	N/A	2	N/A		
SUTTER	1	N/A	0	-	1	N/A	3	N/A	3	N/A	6	N/A	12	N/A	0	-	1	N/A		
TEHAMA	0	-	0	-	0	-	1	N/A	1	N/A	0	-	0	-	2	N/A	0	-		
TRINITY	3	N/A	1	N/A	1	N/A	0	-	1	N/A	1	N/A	1	N/A	0	-	1	N/A		
TULARE	2	N/A	3	N/A	0	-	6	N/A	6	N/A	1	N/A	3	N/A	8	N/A	4	N/A		
TUOLUMNE	2	N/A	1	N/A	0	-	0	-	0	-	1	N/A	10	N/A	21	N/A	2	N/A		
VENTURA	15	N/A	6	N/A	4	N/A	7	N/A	6	N/A	7	N/A	11	N/A	9	N/A	1	N/A		
YOLO	6	N/A	17	N/A	14	N/A	7	N/A	13	N/A	13	N/A	11	N/A	15	N/A	21	N/A		
YUBA	4	N/A	5	N/A	7	N/A	6	N/A	4	N/A	3	N/A	2	N/A	7	N/A	3	N/A		

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

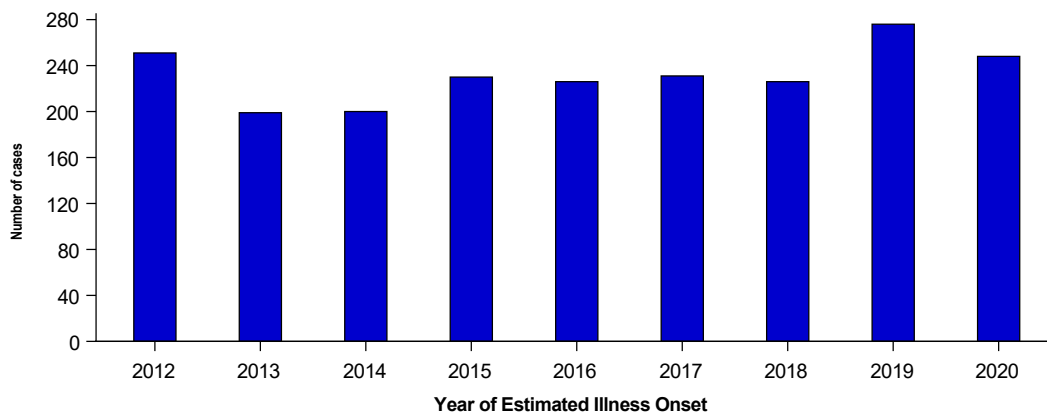
Rabies, animal

Rabies, animal, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	251	199	200	230	226	231	226	276	248	
JANUARY	3	3	5	5	4	2	5	9	6	
FEBRUARY	10	4	7	12	11	8	13	7	12	
MARCH	11	12	16	33	10	22	5	18	16	
APRIL	19	18	14	22	21	16	13	23	20	
MAY	31	26	15	20	11	22	18	30	21	
JUNE	28	10	24	19	18	24	26	25	19	
JULY	36	36	14	23	23	32	22	24	37	
AUGUST	46	38	34	26	37	36	30	38	40	
SEPTEMBER	36	18	24	24	35	24	27	38	39	
OCTOBER	16	18	25	30	25	28	44	40	24	
NOVEMBER	10	13	20	10	20	11	19	13	10	
DECEMBER	5	3	2	6	11	6	4	11	4	

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

Rabies, animal Cases by Year of Estimated Illness Onset, California, 2012-2020



Rabies, human

Rabies, human, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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	0	0	0	0	0	0	0	0
ALAMEDA COUNTY TOTAL	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALAMEDA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKELEY	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALPINE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTTE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALAVERAS	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLUSA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRA COSTA	1	0.1*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEL NORTE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EL DORADO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESNO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENN	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUMBOLDT	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPERIAL	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INYO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KINGS	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LASSEN	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOS ANGELES COUNTY TOTAL	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOS ANGELES	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	0	0	0	0	0	0	0	0
PASADENA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MADERA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARIN	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARIPOSA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENDOCINO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCED	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MODOC	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTEREY	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAPA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEVADA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORANGE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLACER	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLUMAS	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SACRAMENTO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN BENITO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN BERNARDINO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN DIEGO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FRANCISCO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN LUIS OBISPO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN MATEO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SANTA BARBARA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SANTA CLARA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SANTA CRUZ	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHASTA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIERRA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLANO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SONOMA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANISLAUS	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUTTER	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEHAMA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRINITY	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TULARE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUOLUMNE	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VENTURA	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YOLO	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YUBA	0	-	0	0	0	0	0	0	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.

Rabies, human

Rabies, human, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	0	0	0	0	0	0	0	0	0
JANUARY	0	0	0	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	1	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0	0

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

Rabies, human, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																			
	2012		2013		2014		2015		2016		2017		2018		2019		2020			
	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	-	0	-	0	-	0	-	0	-	0	-
FEMALE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MALE	1	0.0*	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.

Rabies, human, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2012		2013		2014		2015		2016		2017		2018		2019		2020			
	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	-	0	-	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	-	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	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	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.

Rabies, human, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1	0	0	0	0	0	0	0	0	
WHITE, NON-HISPANIC	1	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	0	0	0	0	0	0	

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

Relapsing Fever

Relapsing Fever, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4	0.0*	4	0.0*	10	0.0*	8	0.0*	11	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.8*	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	-	1	0.5*	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	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	-	0	-
INYO	1	5.4*	1	5.4*	0	-	0	-	1	5.4*	1	5.4*	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	1	0.7*	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*	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	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	-	1	0.4*	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	2	14.2*	1	7.2*	3	21.6*	1	7.3*	1	7.3*	0	-	2	14.8*	3	22.1*	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	3	0.1*	0	-	0	-	0	-	1	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	-	1	0.0*	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	2	0.1*	2	0.1*	1	0.1*	0	-	1	0.1*	0	-
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	1	0.4*	0	-	2	0.7*	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	-	2	0.4*	0	-	0	-	0	-	1	0.2*	0	-	0	-	2	0.4*
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	-	4	0.9*	4	0.9*	0	-	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	2	0.2*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4	4	10	8	11	4	11	7	3	
JANUARY	0	0	2	0	0	0	1	2	0	
FEBRUARY	0	0	0	0	0	1	0	0	0	
MARCH	1	1	0	0	0	0	1	0	0	
APRIL	0	0	0	0	0	0	0	2	0	
MAY	0	0	0	0	0	0	0	0	0	
JUNE	1	1	1	0	0	0	1	0	0	
JULY	0	1	4	4	5	2	5	3	1	
AUGUST	1	1	3	3	6	1	0	0	2	
SEPTEMBER	1	0	0	1	0	0	2	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	0	0	0	0	0	0	

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

Relapsing Fever, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	4	0.0*	10	0.0*	8	0.0*	11	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*
FEMALE	1	0.0*	1	0.0*	5	0.0*	5	0.0*	5	0.0*	2	0.0*	4	0.0*	4	0.0*	3	0.0*
MALE	3	0.0*	3	0.0*	5	0.0*	3	0.0*	6	0.0*	2	0.0*	7	0.0*	3	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 and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	4	0.0*	10	0.0*	8	0.0*	11	0.0*	4	0.0*	11	0.0*	7	0.0*	3	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.1*	0	-	0	-
5-9	0	-	0	-	2	0.1*	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
10-14	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	0	-
15-24	1	0.0*	0	-	0	-	4	0.1*	1	0.0*	0	-	0	-	0	-	1	0.0*
25-34	1	0.0*	1	0.0*	1	0.0*	2	0.0*	4	0.1*	0	-	3	0.1*	2	0.0*	0	-
35-44	1	0.0*	0	-	2	0.0*	0	-	1	0.0*	0	-	1	0.0*	2	0.0*	0	-
45-54	0	-	1	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	1	0.0*	0	-
55-64	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*	3	0.1*	2	0.0*	0	-	0	-
65+	0	-	0	-	0	-	0	-	1	0.0*	1	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.

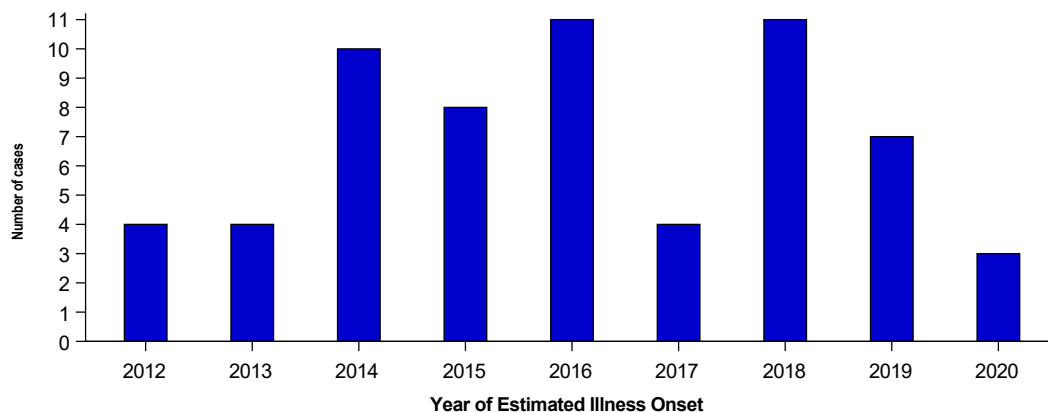
*Potentially unreliable rate: relative standard error 23 percent or more.

Relapsing Fever, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4	4	10	8	11	4	11	7	3	
WHITE, NON-HISPANIC	4	3	6	4	10	3	8	4	3	
HISPANIC/LATINO	0	0	1	0	0	0	0	1	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	2	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	1	0	0	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	1	3	1	1	1	3	2	0	

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

Relapsing Fever Cases by Year of Estimated Illness Onset, California, 2012-2020



Salmonellosis

Salmonellosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4,641	12.2	5,014	13.1	5,351	13.8	5,600	14.4	4,764	12.1	5,422	13.7	6,303	15.9	5,773	14.5	3,994	10.0
ALAMEDA COUNTY TOTAL	217	13.9	240	15.2	272	17.0	305	18.8	182	11.1	265	16.1	294	17.7	283	17.0	146	8.7
ALAMEDA	201	14.1	223	15.3	253	17.2	283	18.9	167	11.1	242	15.9	276	18.0	268	17.4	140	9.1
BERKELEY	16	13.8*	17	14.6*	19	16.1	22	18.4	15	12.5*	23	19.0	18	14.8*	15	12.3*	6	4.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	3	8.2*	2	5.5*	7	19.3*	6	16.6*	4	10.9*	3	8.1*	6	15.9*	5	13.3*	4	10.6*
BUTTE	23	10.4	27	12.2	48	21.5	39	17.4	50	22.3	40	17.7	36	15.9	30	14.0	31	15.0
CALAVERAS	5	11.0*	6	13.3*	11	24.4*	2	4.5*	1	2.2*	7	15.7*	5	11.2*	9	20.3*	10	22.6*
COLUSA	0	-	4	18.6*	1	4.6*	3	13.9*	4	18.3*	2	9.1*	1	4.6*	3	13.6*	2	9.1*
CONTRA COSTA	123	11.4	137	12.5	159	14.4	175	15.6	114	10.1	175	15.4	189	16.5	190	16.6	140	12.2
DEL NORTE	0	-	0	-	0	-	0	-	0	-	1	3.8*	0	-	0	-	0	-
EL DORADO	16	8.8*	33	18.1	25	13.7	32	17.5	28	15.3	41	22.1	38	20.2	39	20.7	26	13.5
FRESNO	148	15.5	196	20.4	157	16.2	183	18.7	133	13.5	133	13.3	160	15.9	160	15.7	91	8.9
GLENN	9	32.0*	6	21.3*	4	14.1*	0	-	4	14.1*	1	3.5*	0	-	2	6.9*	1	3.4*
HUMBOLDT	16	11.9*	12	8.9*	12	8.9*	14	10.4*	12	8.9*	9	6.7*	13	9.6*	12	9.0*	7	5.3*
IMPERIAL	27	15.1	42	23.3	27	14.8	54	29.3	43	23.2	43	23.0	69	36.7	80	42.3	37	19.7
INYO	2	10.8*	3	16.1*	3	16.1*	4	21.5*	1	5.4*	6	32.3*	1	5.4*	1	5.4*	3	16.3*
KERN	57	6.6	68	7.8	88	10.1	125	14.2	81	9.2	64	7.2	120	13.3	118	13.0	70	7.7
KINGS	13	8.7*	14	9.3*	15	10.1*	15	10.0*	10	6.7*	48	31.9	22	14.4	14	9.1*	16	10.3*
LAKE	4	6.2*	14	21.6*	9	13.8*	9	13.9*	4	6.2*	6	9.3*	10	15.5*	6	9.4*	5	7.8*
LASSEN	2	6.1*	0	-	3	9.6*	0	-	1	3.4*	5	16.8*	1	3.4*	2	6.9*	2	6.9*
LOS ANGELES COUNTY TOTAL	1,124	11.2	1,078	10.7	1,228	12.1	1,205	11.9	1,092	10.7	1,154	11.3	1,522	14.9	1,324	13.0	839	8.2
LOS ANGELES	1,048	11.2	1,009	10.7	1,144	12.1	1,136	11.9	1,023	10.7	1,092	11.4	1,424	14.9	1,254	13.1	783	8.2
LONG BEACH	59	12.6	50	10.6	61	12.9	46	9.7	50	10.5	46	9.7	71	15.0	51	10.8	48	10.2
PASADENA	17	12.2*	19	13.5	23	16.3	23	16.3	19	13.4	16	11.1*	27	18.7	19	13.1	8	5.5*
MADERA	22	14.6	23	15.1	23	15.0	22	14.3	21	13.6	38	24.3	17	10.8*	27	17.1	24	15.1
MARIN	28	10.9	37	14.3	62	23.7	61	23.3	53	20.2	38	14.5	45	17.2	54	20.7	19	7.3
MARIPOSA	3	16.5*	0	-	2	11.0*	6	33.2*	4	22.1*	1	5.6*	6	33.5*	0	-	1	5.6*
MENDOCINO	7	8.0*	13	14.8*	6	6.8*	12	13.6*	9	10.2*	8	9.0*	14	15.8*	15	17.0*	8	9.1*
MERCED	52	19.8	33	12.5	22	8.2	40	14.9	21	7.8	24	8.7	32	11.5	37	13.1	32	11.2
MODOC	0	-	2	20.8*	1	10.4*	0	-	0	-	0	-	1	10.5*	0	-	0	-
MONO	0	-	2	14.4*	0	-	2	14.6*	0	-	1	7.3*	0	-	2	14.7*	4	29.7*
MONTEREY	78	18.4	48	11.2	57	13.3	64	14.7	29	6.6	39	8.9	44	10.0	48	10.8	40	9.1
NAPA	27	19.4	23	16.5	28	19.9	28	19.8	23	16.2	23	16.3	20	14.2	23	16.4	19	13.7
NEVADA	12	12.2*	11	11.3*	11	11.2*	10	10.2*	12	12.3*	12	12.3*	15	15.3*	9	9.2*	9	9.2*
ORANGE	447	14.5	393	12.6	414	13.2	492	15.6	351	11.1	371	11.6	433	13.6	434	13.6	307	9.6
PLACER	44	12.2	58	15.9	51	13.8	70	18.8	66	17.5	100	26.1	90	23.1	79	20.0	65	16.4
PLUMAS	2	10.3*	0	-	5	27.0*	3	16.5*	2	10.9*	1	5.4*	1	5.5*	1	5.4*	0	-
RIVERSIDE	206	9.1	220	9.7	228	9.9	210	9.0	231	9.8	254	10.7	290	12.0	259	10.7	183	7.5
SACRAMENTO	126	8.7	147	10.1	162	11.0	196	13.2	139	9.2	289	19.0	225	14.7	200	12.9	165	10.6
SAN BENITO	9	15.9*	12	21.0*	9	15.5*	8	13.7*	6	10.1*	2	3.3*	10	16.5*	15	24.2*	10	15.9*
SAN BERNARDINO	247	11.9	234	11.2	233	11.1	263	12.4	234	11.0	231	10.8	309	14.3	254	11.7	228	10.4
SAN DIEGO	390	12.3	466	14.5	534	16.4	576	17.6	541	16.4	569	17.2	783	23.5	660	19.7	492	14.7
SAN FRANCISCO	121	14.5	180	21.2	174	20.3	157	18.1	107	12.2	163	18.4	131	14.7	183	20.4	107	11.9
SAN JOAQUIN	103	14.7	107	15.2	113	15.8	111	15.3	114	15.5	111	14.8	142	18.8	143	18.6	89	11.5
SAN LUIS OBISPO	42	15.4	42	15.3	39	14.1	50	18.1	41	14.8	28	10.1	21	7.5	29	10.5	21	7.6
SAN MATEO	138	18.6	166	22.1	146	19.3	139	18.2	125	16.2	146	18.9	145	18.7	125	16.1	83	10.7
SANTA BARBARA	52	12.1	52	11.9	69	15.7	85	19.2	79	17.7	74	16.5	82	18.2	77	17.0	48	10.6
SANTA CLARA	267	14.5	346	18.5	358	18.9	289	15.0	276	14.2	337	17.3	345	17.6	303	15.5	206	10.5
SANTA CRUZ	28	10.4	33	12.2	54	19.8	34	12.4	35	12.7	32	11.7	31	11.3	36	13.2	19	7.0
SHASTA	16	9.0*	25	14.0	31	17.3	26	14.6	26	14.6	35	19.7	31	17.4	25	14.1	29	16.3
SIERRA	0	-	1	31.3*	0	-	1	31.7*	0	-	2	63.5*	1	31.9*	0	-	0	-
SISKIYOU	5	11.1*	12	26.8*	4	8.9*	4	9.0*	7	15.8*	3	6.8*	2	4.5*	4	9.1*	7	16.0*
SOLANO	44	10.5	56	13.3	55	12.9	71	16.6	63	14.5	56	12.8	82	18.7	77	17.5	48	10.9
SONOMA	64	13.0	65	13.1	60	12.0	58	11.6	59	11.7	80	15.9	83	16.6	61	12.3	56	11.4
STANISLAUS	68	13.0	71	13.5	85	16.0	70	13.0	83	15.3	77	14.0	109	19.7	44	7.9	35	6.3
SUTTER	12	12.6*	21	21.8	10	10.4*	10	10.3*	8	8.2*	11	11.1*	24	23.8	15	14.6*	12	11.9*
TEHAMA	12	19.0*	10	15.9*	8	12.7*	14	22.1*	14	21.9*	14	21.9*	10	15.5*	11	16.9*	13	19.9*
TRINITY	0	-	1	7.3*	2	14.7*	0	-	2	14.8*	2	14.9*	1	7.5*	0	-	0	-
TULARE	47	10.4	57	12.5	60	13.1	87	18.8	70	15.0	72	15.3	79	16.7	74	15.5	46	9.6
TUOLUMNE	7	13.0*	8	14.7*	3	5.6*	3	5.6*	4	7.5*	7	13.2*	4	7.6*	4	7.6*	3	5.7*
VENTURA	94	11.2	100	11.9	114	13.5	109	12.8	106	12.5	114	13.4	115	13.6	130	15.4	95	11.3
YOLO	21	10.2	32	15.4	42	20.0	41	19.3	32	14.8	32	14.6	27	12.2	29	13.1	31	14.0
YUBA	11	15.0*	25	34.1	7	9.5*	7	9.4*	7	9.3*	22	28.8	16	20.8*	8	10.2*	10	12.6*

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.

Salmonellosis

Salmonellosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4,641	5,014	5,351	5,600	4,764	5,422	6,303	5,773	3,994	
JANUARY	234	266	271	307	299	291	337	304	335	
FEBRUARY	194	249	278	311	250	281	267	269	295	
MARCH	221	325	354	386	295	319	336	304	242	
APRIL	292	368	400	348	320	416	418	439	174	
MAY	423	506	511	424	339	417	405	426	281	
JUNE	384	517	506	475	474	515	592	584	456	
JULY	642	636	610	580	605	645	712	743	485	
AUGUST	631	517	649	809	575	737	857	680	499	
SEPTEMBER	463	637	541	722	462	578	857	676	392	
OCTOBER	471	413	559	512	459	481	671	509	374	
NOVEMBER	397	325	364	427	412	445	531	479	287	
DECEMBER	289	255	308	299	274	297	320	360	174	

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

Salmonellosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4,641	12.2	5,014	13.1	5,351	13.8	5,600	14.4	4,764	12.1	5,422	13.7	6,303	15.9	5,773	14.5	3,994	10.0
FEMALE	2,429	12.7	2,509	13.0	2,698	13.9	2,950	15.1	2,495	12.7	2,900	14.7	3,386	17.0	3,029	15.2	2,134	10.7
MALE	2,198	11.6	2,412	12.6	2,567	13.3	2,641	13.6	2,266	11.6	2,514	12.8	2,909	14.7	2,730	13.8	1,851	9.3
UNKNOWN	14	-	93	-	86	-	9	-	3	-	8	-	8	-	14	-	9	-

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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4,641	12.2	5,014	13.1	5,351	13.8	5,600	14.4	4,764	12.1	5,422	13.7	6,303	15.9	5,773	14.5	3,994	10.0
0	293	58.9	304	60.9	331	66.6	309	61.9	287	58.9	283	58.9	374	81.5	317	71.1	243	54.9
1-4	682	33.6	687	34.1	724	36.0	624	31.0	545	27.3	591	29.7	693	35.2	631	32.8	485	26.0
5-9	437	17.1	528	20.4	507	19.6	511	19.8	366	14.2	381	14.9	409	16.1	369	14.6	271	10.7
10-14	257	10.1	286	11.2	314	12.3	295	11.6	230	9.0	257	9.9	299	11.5	277	10.6	184	7.1
15-24	560	9.8	570	9.9	603	10.4	661	11.4	538	9.2	651	11.2	645	11.2	678	11.8	446	7.8
25-34	486	9.1	589	11.0	628	11.8	735	14.0	602	11.5	638	12.3	831	16.0	738	14.2	471	9.1
35-44	419	8.1	450	8.7	470	9.1	509	9.9	464	9.0	581	11.2	660	12.6	619	11.8	384	7.3
45-54	459	8.7	458	8.7	506	9.7	607	11.6	466	8.9	566	10.8	657	12.7	581	11.4	390	7.7
55-64	427	9.9	479	10.8	486	10.7	563	12.1	531	11.2	633	13.1	704	14.4	664	13.5	436	8.9
65+	607	13.1	645	13.4	766	15.3	776	14.8	728	13.4	833	14.8	1,020	17.5	887	14.6	672	10.7
UNKNOWN	14	-	18	-	16	-	10	-	7	-	8	-	11	-	12	-	12	-

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

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

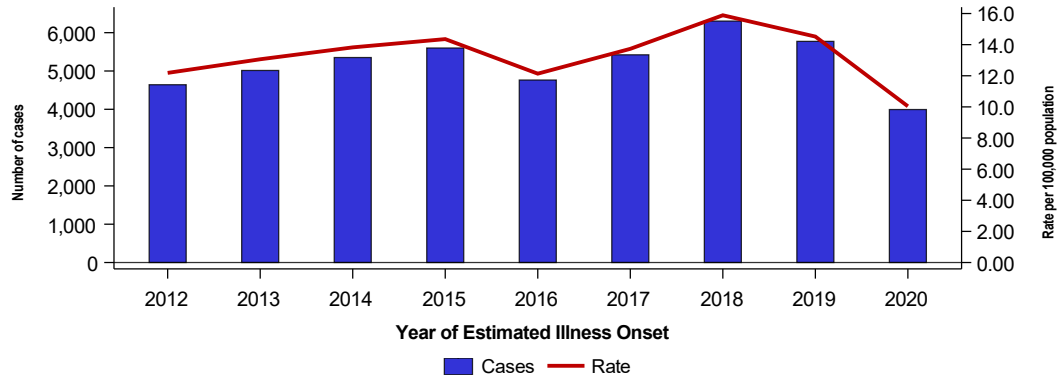
*Potentially unreliable rate: relative standard error 23 percent or more.

Salmonellosis, Cases by Race/Ethnicity, California, 2012-2020

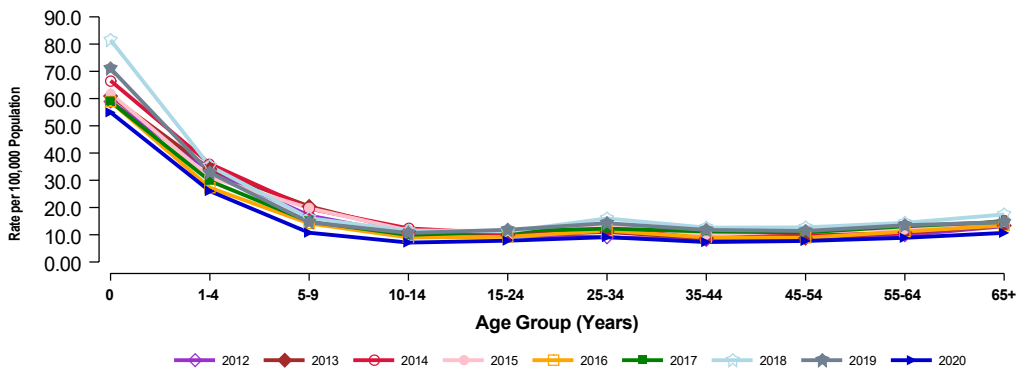
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	4,641	5,014	5,351	5,600	4,764	5,422	6,303	5,773	3,994	
WHITE, NON-HISPANIC	1,408	1,586	1,804	2,057	1,798	1,987	2,105	1,820	1,294	
HISPANIC/LATINO	1,647	1,689	1,788	1,947	1,658	1,723	2,152	2,057	1,354	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	477	660	628	524	479	596	616	627	394	
BLACK, NON-HISPANIC	171	184	169	203	150	167	211	170	119	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	13	9	11	17	12	12	15	14	14	
MULTIPLE RACE, NON-HISPANIC	22	44	45	46	38	48	41	52	41	
OTHER, NON-HISPANIC	40	35	53	89	124	244	249	289	231	
UNKNOWN	863	807	853	717	505	645	914	744	547	

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

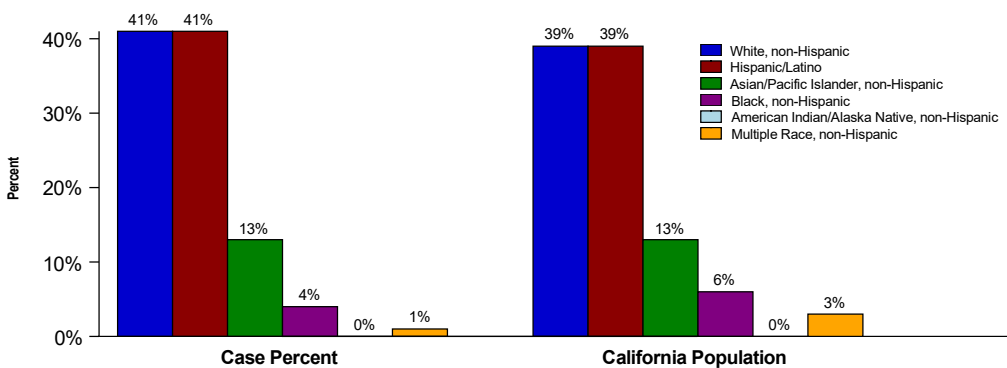
Salmonellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Salmonellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Salmonellosis Cases and Population by Race/Ethnicity, California, 2012-2020



14.1% (n=6595) of reported incidents of Salmonellosis did not identify race/ethnicity and 2.9% (n=1354) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	13	0.0*	17	0.0*	22	0.1	21	0.1	16	0.0*	18	0.0*	39	0.1	32	0.1	26	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	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	-	2	4.5*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	2	0.2*	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	-	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	4	0.0*	0	-	1	0.0*	5	0.0*	6	0.1*	5	0.0*	13	0.1*	8	0.1*	5	0.0*
LOS ANGELES	4	0.0*	0	-	1	0.0*	5	0.1*	6	0.1*	5	0.1*	12	0.1*	6	0.1*	4	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.4*	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	1	0.4*	0	-	1	0.4*	0	-	0	-	3	1.1*	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	-	1	0.2*	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*	6	0.2*	6	0.2*	3	0.1*	1	0.0*	4	0.1*	3	0.1*	5	0.2*	8	0.3*
PLACER	0	-	1	0.3*	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	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-
SAN DIEGO	1	0.0*	0	-	9	0.3*	2	0.1*	1	0.0*	6	0.2*	5	0.1*	8	0.2*	6	0.2*
SAN FRANCISCO	2	0.2*	2	0.2*	0	-	0	-	0	-	2	0.2*	0	-	2	0.2*	2	0.2*
SAN JOAQUIN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	3	1.1*	0	-	0	-	6	2.2*	1	0.4*	1	0.4*
SAN MATEO	0	-	3	0.4*	0	-	0	-	0	-	0	-	3	0.4*	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-
SANTA CLARA	1	0.1*	4	0.2*	1	0.1*	3	0.2*	5	0.3*	0	-	4	0.2*	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
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	-	1	0.2*	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	-	2	0.2*	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	13	17	22	21	16	18	39	32	26	
JANUARY	0	0	1	1	3	1	3	4	1	
FEBRUARY	1	1	1	1	0	0	2	2	2	
MARCH	3	0	1	0	3	1	3	0	1	
APRIL	0	5	3	3	1	2	2	4	0	
MAY	2	2	5	4	0	3	5	3	3	
JUNE	0	0	2	3	1	2	6	1	5	
JULY	4	2	1	5	0	2	6	3	1	
AUGUST	0	6	3	1	1	1	1	4	1	
SEPTEMBER	0	0	1	0	2	1	1	2	5	
OCTOBER	0	1	1	3	1	0	0	5	3	
NOVEMBER	2	0	0	0	2	3	2	0	3	
DECEMBER	1	0	3	0	2	2	8	4	1	

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

Scombroid Fish Poisoning, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	13	0.0*	17	0.0*	22	0.1	21	0.1	16	0.0*	18	0.0*	39	0.1	32	0.1	26	0.1
FEMALE	8	0.0*	12	0.1*	13	0.1*	11	0.1*	4	0.0*	7	0.0*	23	0.1	17	0.1*	12	0.1*
MALE	5	0.0*	5	0.0*	9	0.0*	9	0.0*	10	0.1*	11	0.1*	16	0.1*	15	0.1*	13	0.1*
UNKNOWN	0	-	0	-	0	-	1	-	2	-	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.

Scombroid Fish Poisoning, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	13	0.0*	17	0.0*	22	0.1	21	0.1	16	0.0*	18	0.0*	39	0.1	32	0.1	26	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	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*
15-24	4	0.1*	3	0.1*	5	0.1*	3	0.1*	4	0.1*	2	0.0*	3	0.1*	5	0.1*	6	0.1*
25-34	1	0.0*	5	0.1*	3	0.1*	3	0.1*	2	0.0*	6	0.1*	6	0.1*	6	0.1*	5	0.1*
35-44	2	0.0*	2	0.0*	3	0.1*	1	0.0*	3	0.1*	5	0.1*	9	0.2*	10	0.2*	8	0.2*
45-54	2	0.0*	3	0.1*	6	0.1*	5	0.1*	3	0.1*	2	0.0*	6	0.1*	6	0.1*	4	0.1*
55-64	3	0.1*	1	0.0*	1	0.0*	7	0.2*	0	-	2	0.0*	6	0.1*	3	0.1*	0	-
65+	0	-	2	0.0*	2	0.0*	1	0.0*	3	0.1*	1	0.0*	7	0.1*	2	0.0*	2	0.0*
UNKNOWN	1	-	1	-	1	-	0	-	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.

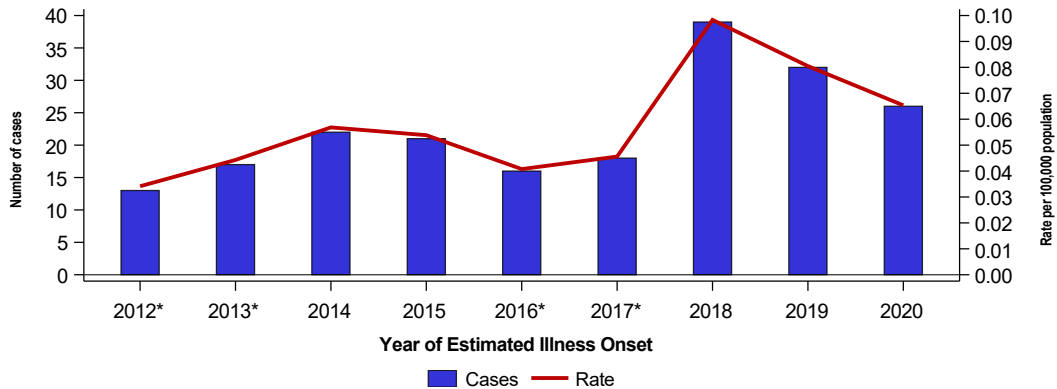
*Potentially unreliable rate: relative standard error 23 percent or more.

Scombroid Fish Poisoning, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	13	17	22	21	16	18	39	32	26	
WHITE, NON-HISPANIC	8	8	14	9	10	9	16	10	13	
HISPANIC/LATINO	2	1	2	2	1	1	3	4	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	1	5	2	2	3	1	2	5	1	
BLACK, NON-HISPANIC	0	0	0	0	1	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	1	
OTHER, NON-HISPANIC	0	0	0	0	0	1	0	1	1	
UNKNOWN	2	3	4	8	1	6	18	12	8	

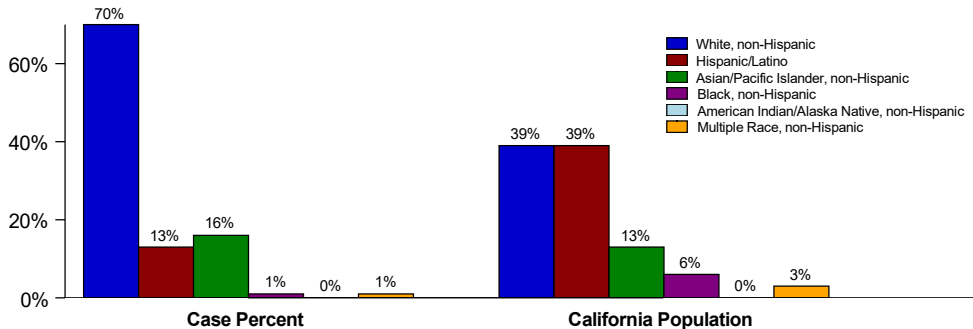
For inclusion/exclusion criteria, please refer to the Technical Notes.

Scombroid Fish Poisoning Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



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

Scombroid Fish Poisoning Cases and Population by Race/Ethnicity, California, 2012-2020



30.4% (n=62) of reported incidents of Scombroid Fish Poisoning did not identify race/ethnicity and 1.5% (n=3) 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.

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, 2012-2020

JURISDICTION	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	556	1.5	593	1.5	661	1.7	914	2.3	866	2.2	1,260	3.2	2,242	5.7	2,644	6.6	1,219	3.1
ALAMEDA COUNTY TOTAL	33	2.1	39	2.5	48	3.0	72	4.4	82	5.0	103	6.2	130	7.8	161	9.6	73	4.4
ALAMEDA	29	2.0	31	2.1	45	3.1	67	4.5	78	5.2	99	6.5	123	8.0	154	10.0	68	4.4
BERKELEY	4	3.5*	8	6.9*	3	2.5*	5	4.2*	4	3.3*	4	3.3*	7	5.7*	7	5.7*	5	4.1*
ALPINE	0	-	0	-	0	-	0	-	0	-	1	87.3*	0	-	0	-	0	-
AMADOR	0	-	1	2.8*	2	5.5*	1	2.8*	3	8.2*	1	2.7*	1	2.6*	3	8.0*	1	2.7*
BUTTE	14	6.3*	4	1.8*	4	1.8*	8	3.6*	4	1.8*	7	3.1*	10	4.4*	4	1.9*	4	1.9*
CALAVERAS	0	-	8	17.7*	0	-	1	2.2*	2	4.5*	0	-	4	9.0*	2	4.5*	0	-
COLUSA	0	-	1	4.6*	0	-	1	4.6*	0	-	0	-	1	4.6*	0	-	0	-
CONTRA COSTA	12	1.1*	26	2.4	31	2.8	55	4.9	56	5.0	60	5.3	90	7.9	115	10.0	50	4.3
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	3.7*	0	-
EL DORADO	5	2.8*	0	-	4	2.2*	5	2.7*	5	2.7*	8	4.3*	7	3.7*	10	5.3*	7	3.6*
FRESNO	7	0.7*	18	1.9*	21	2.2	18	1.8*	26	2.6	34	3.4	46	4.6	54	5.3	34	3.3
GLENN	2	7.1*	5	17.7*	1	3.5*	3	10.6*	2	7.1*	1	3.5*	2	7.0*	3	10.3*	1	3.4*
HUMBOLDT	5	3.7*	3	2.2*	4	3.0*	9	6.7*	12	8.9*	5	3.7*	5	3.7*	4	3.0*	0	-
IMPERIAL	0	-	0	-	1	0.5*	2	1.1*	0	-	0	-	6	3.2*	22	11.6	8	4.3*
INYO	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-	0	-	1	5.4*
KERN	5	0.6*	7	0.8*	12	1.4*	15	1.7*	11	1.2*	13	1.5*	42	4.7	42	4.6	29	3.2
KINGS	2	1.3*	2	1.3*	6	4.0*	2	1.3*	2	1.3*	4	2.7*	4	2.6*	7	4.6*	4	2.6*
LAKE	1	1.5*	2	3.1*	0	-	0	-	1	1.6*	2	3.1*	1	1.5*	5	7.8*	3	4.7*
LASSEN	5	15.3*	0	-	0	-	1	3.3*	1	3.4*	1	3.4*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	96	1.0	102	1.0	87	0.9	96	0.9	113	1.1	131	1.3	592	5.8	673	6.6	241	2.4
LOS ANGELES	91	1.0	95	1.0	81	0.9	94	1.0	108	1.1	123	1.3	557	5.8	634	6.6	223	2.3
LONG BEACH	4	0.9*	5	1.1*	4	0.8*	2	0.4*	3	0.6*	8	1.7*	30	6.3	28	5.9	15	3.2*
PASADENA	1	0.7*	2	1.4*	2	1.4*	0	-	2	1.4*	0	-	5	3.5*	11	7.6*	3	2.1*
MADERA	3	2.0*	3	2.0*	3	2.0*	3	1.9*	2	1.3*	3	1.9*	4	2.5*	6	3.8*	7	4.4*
MARIN	3	1.2*	12	4.6*	14	5.4*	20	7.6	17	6.5*	24	9.1	33	12.6	46	17.6	12	4.6*
MARIPOSA	0	-	0	-	1	5.5*	1	5.5*	0	-	1	5.6*	0	-	1	5.6*	0	-
MENDOCINO	1	1.1*	0	-	1	1.1*	1	1.1*	3	3.4*	3	3.4*	11	12.4*	17	19.3*	5	5.7*
MERCED	13	4.9*	0	-	0	-	2	0.7*	2	0.7*	3	1.1*	13	4.7*	11	3.9*	12	4.2*
MODOC	0	-	2	20.8*	4	41.7*	0	-	1	10.5*	0	-	0	-	1	10.6*	2	21.2*
MONO	0	-	0	-	0	-	0	-	2	14.7*	0	-	0	-	0	-	0	-
MONTEREY	15	3.5*	11	2.6*	27	6.3	21	4.8	18	4.1*	21	4.8	21	4.8	23	5.2	4	0.9*
NAPA	1	0.7*	7	5.0*	1	0.7*	5	3.5*	4	2.8*	7	5.0*	15	10.7*	15	10.7*	6	4.3*
NEVADA	0	-	2	2.0*	0	-	4	4.1*	4	4.1*	10	10.2*	2	2.0*	10	10.2*	4	4.1*
ORANGE	50	1.6	43	1.4	28	0.9	50	1.6	42	1.3	39	1.2	105	3.3	138	4.3	79	2.5
PLACER	5	1.4*	2	0.5*	10	2.7*	17	4.6*	28	7.4	39	10.2	27	6.9	38	9.6	18	4.5*
PLUMAS	0	-	0	-	1	5.4*	0	-	0	-	1	5.4*	1	5.5*	0	-	0	-
RIVERSIDE	19	0.8	24	1.1	10	0.4*	17	0.7*	12	0.5*	16	0.7*	97	4.0	107	4.4	53	2.2
SACRAMENTO	17	1.2*	14	1.0*	41	2.8	60	4.0	45	3.0	57	3.8	90	5.9	114	7.4	62	4.0
SAN BENITO	1	1.8*	0	-	1	1.7*	2	3.4*	1	1.7*	4	6.7*	9	14.8*	15	24.2*	7	11.1*
SAN BERNARDINO	19	0.9	14	0.7*	17	0.8*	21	1.0	5	0.2*	4	0.2*	44	2.0	54	2.5	31	1.4
SAN DIEGO	46	1.4	38	1.2	34	1.0	43	1.3	49	1.5	280	8.4	164	4.9	178	5.3	85	2.5
SAN FRANCISCO	12	1.4*	16	1.9*	22	2.6	30	3.5	30	3.4	52	5.9	59	6.6	78	8.7	40	4.4
SAN JOAQUIN	15	2.1*	13	1.8*	21	2.9	35	4.8	29	3.9	28	3.7	38	5.0	52	6.8	46	5.9
SAN LUIS OBISPO	10	3.7*	11	4.0*	11	4.0*	11	4.0*	13	4.7*	16	5.8*	14	5.0*	17	6.1*	18	6.5*
SAN MATEO	17	2.3*	20	2.7	28	3.7	28	3.7	26	3.4	39	5.0	53	6.8	85	11.0	28	3.6
SANTA BARBARA	10	2.3*	12	2.8*	14	3.2*	14	3.2*	7	1.6*	16	3.6*	34	7.5	37	8.2	19	4.2
SANTA CLARA	41	2.2	50	2.7	53	2.8	103	5.4	89	4.6	95	4.9	195	10.0	217	11.1	71	3.6
SANTA CRUZ	6	2.2*	10	3.7*	12	4.4*	7	2.5*	5	1.8*	5	1.8*	21	7.7	22	8.1	6	2.2*
SHASTA	3	1.7*	4	2.2*	7	3.9*	4	2.2*	8	4.5*	2	1.1*	12	6.7*	3	1.7*	7	3.9*
SIERRA	0	-	0	-	1	31.5*	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	4	8.9*	0	-	1	2.2*	1	2.3*	1	2.3*	6	13.6*	1	2.3*	1	2.3*
SOLANO	4	1.0*	3	0.7*	4	0.9*	31	7.2	15	3.5*	19	4.4	38	8.7	30	6.8	25	5.7
SONOMA	10	2.0*	14	2.8*	24	4.8	27	5.4	25	5.0	35	7.0	50	10.0	76	15.4	32	6.5
STANISLAUS	14	2.7*	15	2.8*	18	3.4*	26	4.8	28	5.2	17	3.1*	29	5.3	40	7.2	17	3.1*
SUTTER	3	3.2*	3	3.1*	1	1.0*	4	4.1*	0	-	2	2.0*	1	1.0*	2	1.9*	2	2.0*
TEHAMA	4	6.3*	2	3.2*	1	1.6*	2	3.2*	0	-	1	1.6*	3	4.7*	3	4.6*	4	6.1*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	1	7.5*	0	-	0	-
TULARE	9	2.0*	9	2.0*	10	2.2*	10	2.2*	16	3.4*	18	3.8*	32	6.8	27	5.7	17	3.5*
TUOLUMNE	0	-	3	5.5*	3	5.6*	4	7.5*	1	1.9*	3	5.7*	0	-	4	7.6*	0	-
VENTURA	16	1.9*	8	1.0*	6	0.7*	10	1.2*	5	0.6*	13	1.5*	61	7.2	54	6.4	34	4.0
YOLO	1	0.5*	3	1.4*	7	3.3*	9	4.2*	10	4.6*	12	5.5*	12	5.4*	11	5.0*	6	2.7*
YUBA	1	1.4*	3	4.1*	3	4.1*	2	2.7*	3	4.0*	3	3.9*	6	7.8*	5	6.4*	3	3.8*

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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	556	593	661	914	866	1,260	2,242	2,644	1,219	
JANUARY	24	21	27	55	45	56	112	170	159	
FEBRUARY	28	20	20	42	39	49	84	106	124	
MARCH	34	35	37	56	66	49	120	169	91	
APRIL	45	55	44	68	62	102	212	201	38	
MAY	50	66	49	88	64	72	187	207	75	
JUNE	62	40	53	64	64	103	220	291	113	
JULY	63	76	99	109	121	125	312	367	101	
AUGUST	81	70	68	113	90	146	317	347	147	
SEPTEMBER	54	72	63	98	77	133	162	287	115	
OCTOBER	59	84	79	119	94	282	196	181	140	
NOVEMBER	34	32	70	67	97	90	183	187	69	
DECEMBER	22	22	52	35	47	53	137	131	47	

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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	556	1.5	593	1.5	661	1.7	914	2.3	866	2.2	1,260	3.2	2,242	5.7	2,644	6.6	1,219	3.1
FEMALE	295	1.5	332	1.7	329	1.7	464	2.4	458	2.3	536	2.7	1,236	6.2	1,439	7.2	643	3.2
MALE	253	1.3	261	1.4	332	1.7	450	2.3	406	2.1	723	3.7	1,004	5.1	1,203	6.1	569	2.9
UNKNOWN	8	-	0	-	0	-	0	-	2	-	1	-	2	-	2	-	7	-

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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	556	1.5	593	1.5	661	1.7	914	2.3	866	2.2	1,260	3.2	2,242	5.7	2,644	6.6	1,219	3.1
0	15	3.0*	16	3.2*	16	3.2*	25	5.0	31	6.4	35	7.3	59	12.9	72	16.1	29	6.6
1-4	181	8.9	194	9.6	201	10.0	253	12.6	228	11.4	259	13.0	435	22.1	472	24.5	188	10.1
5-9	66	2.6	89	3.4	82	3.2	107	4.1	94	3.6	101	3.9	148	5.8	175	6.9	70	2.8
10-14	45	1.8	38	1.5	62	2.4	73	2.9	72	2.8	63	2.4	124	4.8	136	5.2	73	2.8
15-24	85	1.5	77	1.3	85	1.5	140	2.4	117	2.0	365	6.3	285	4.9	312	5.4	154	2.7
25-34	43	0.8	57	1.1	52	1.0	71	1.3	89	1.7	131	2.5	268	5.2	340	6.6	155	3.0
35-44	26	0.5	21	0.4	28	0.5	56	1.1	55	1.1	54	1.0	185	3.5	255	4.9	99	1.9
45-54	32	0.6	27	0.5	41	0.8	45	0.9	40	0.8	55	1.1	177	3.4	235	4.6	102	2.0
55-64	24	0.6	27	0.6	35	0.8	48	1.0	56	1.2	87	1.8	220	4.5	269	5.5	140	2.8
65+	37	0.8	45	0.9	55	1.1	86	1.6	78	1.4	107	1.9	338	5.8	374	6.2	207	3.3
UNKNOWN	2	-	2	-	4	-	10	-	6	-	3	-	3	-	4	-	2	-

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

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

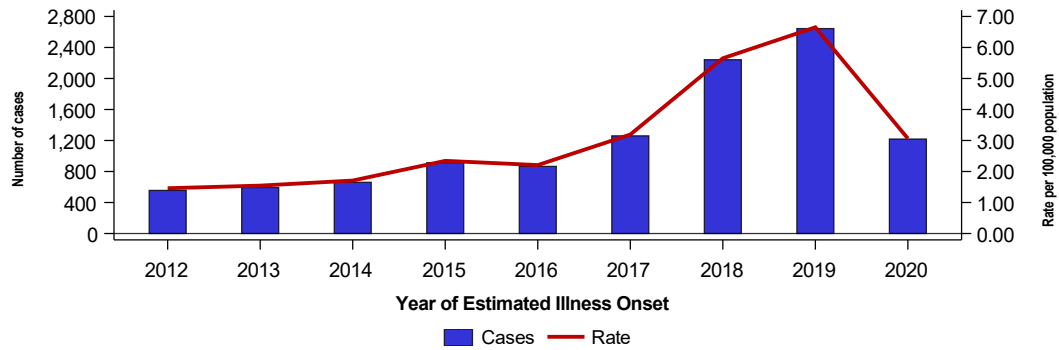
*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS), Cases by Race/Ethnicity, California, 2012-2020

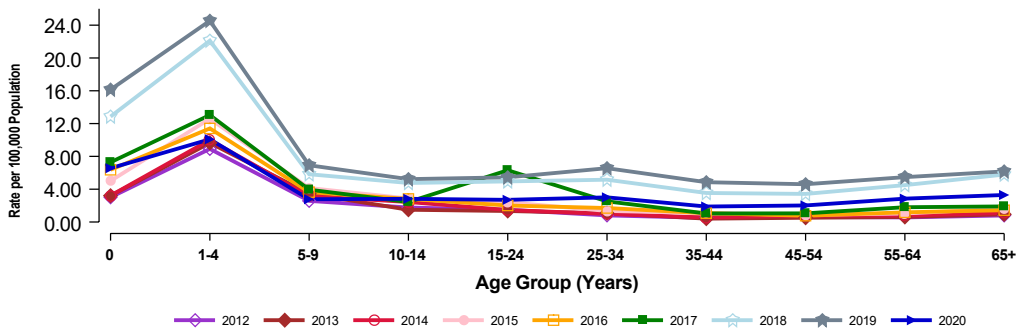
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	556	593	661	914	866	1,260	2,242	2,644	1,219	
WHITE, NON-HISPANIC	230	221	254	370	336	433	786	867	483	
HISPANIC/LATINO	191	214	205	290	264	266	795	985	360	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	39	41	36	46	57	67	149	193	80	
BLACK, NON-HISPANIC	8	17	20	35	31	31	85	71	40	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	1	1	3	2	4	8	5	2	
MULTIPLE RACE, NON-HISPANIC	6	9	13	9	10	13	16	26	11	
OTHER, NON-HISPANIC	4	3	6	12	38	61	109	167	61	
UNKNOWN	78	87	126	149	128	385	294	330	182	

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

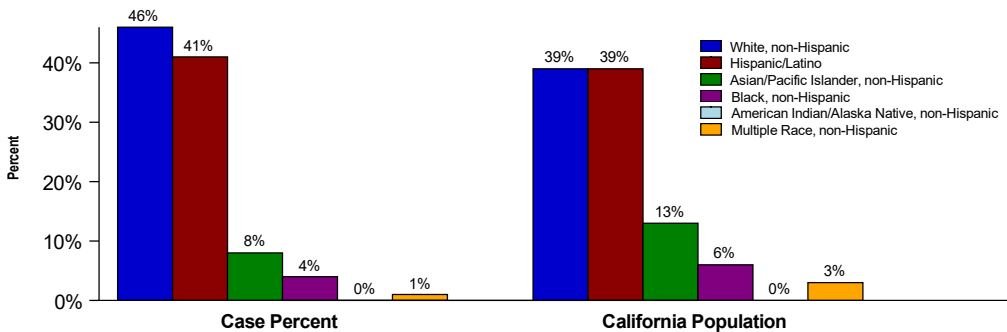
Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) Cases and Population by Race/Ethnicity, California, 2012-2020



16.1% (n=1759) of reported incidents of Shiga toxin-producing E. coli (STEC) without Hemolytic Uremic Syndrome (HUS) did not identify race/ethnicity and 4.2% (n=461) 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, 2012-2020

JURISDICTION	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	29	0.1	38	0.1	36	0.1	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1
ALAMEDA COUNTY TOTAL	3	0.2*	1	0.1*	4	0.2*	4	0.2*	3	0.2*	4	0.2*	2	0.1*	3	0.2*	4	0.2*
ALAMEDA	3	0.2*	1	0.1*	4	0.3*	4	0.3*	3	0.2*	3	0.2*	2	0.1*	3	0.2*	4	0.3*
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	0.5*	0	-	2	0.9*	1	0.4*	0	-	1	0.4*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-	1	2.3*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	3	0.3*	2	0.2*	1	0.1*	1	0.1*	2	0.2*	4	0.3*	0	-	1	0.1*
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	1	0.1*	1	0.1*	2	0.2*	0	-	1	0.1*	3	0.3*	4	0.4*	2	0.2*	0	-
GLENN	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	3	2.2*	1	0.7*	2	1.5*	0	-	0	-	1	0.7*	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	1	0.1*	0	-	0	-	3	0.3*	1	0.1*	0	-	1	0.1*	0	-	3	0.3*
KINGS	0	-	0	-	3	2.0*	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	3	0.0*	3	0.0*	2	0.0*	2	0.0*	3	0.0*	0	-	12	0.1*	9	0.1*	2	0.0*
LOS ANGELES	3	0.0*	3	0.0*	2	0.0*	2	0.0*	2	0.0*	0	-	11	0.1*	8	0.1*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
MADERA	0	-	1	0.7*	0	-	0	-	1	0.6*	0	-	2	1.3*	0	-	0	-
MARIN	0	-	2	0.8*	1	0.4*	0	-	2	0.8*	0	-	1	0.4*	3	1.1*	0	-
MARIPOSA	0	-	0	-	0	-	1	5.5*	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-
MERCED	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	3	0.7*	0	-	1	0.2*	0	-	3	0.7*	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	2	1.4*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	2	2.0*	4	4.1*	0	-	2	2.0*	0	-
ORANGE	2	0.1*	1	0.0*	0	-	0	-	3	0.1*	2	0.1*	2	0.1*	2	0.1*	3	0.1*
PLACER	2	0.6*	1	0.3*	0	-	3	0.8*	3	0.8*	0	-	4	1.0*	0	-	2	0.5*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	2	0.1*	0	-	3	0.1*	1	0.0*	3	0.1*	1	0.0*
SACRAMENTO	1	0.1*	2	0.1*	3	0.2*	5	0.3*	2	0.1*	1	0.1*	1	0.1*	6	0.4*	1	0.1*
SAN BENITO	1	1.8*	0	-	0	-	1	1.7*	0	-	0	-	1	1.6*	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*	0	-	0	-	2	0.1*	2	0.1*	1	0.0*	0	-
SAN DIEGO	4	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	18	0.5*	2	0.1*	2	0.1*	3	0.1*
SAN FRANCISCO	0	-	5	0.6*	0	-	2	0.2*	1	0.1*	1	0.1*	0	-	4	0.4*	0	-
SAN JOAQUIN	1	0.1*	2	0.3*	2	0.3*	0	-	0	-	0	-	2	0.3*	3	0.4*	2	0.3*
SAN LUIS OBISPO	0	-	2	0.7*	2	0.7*	0	-	3	1.1*	0	-	0	-	1	0.4*	1	0.4*
SAN MATEO	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	2	0.4*	0	-	1	0.2*	0	-	2	0.4*
SANTA CLARA	3	0.2*	3	0.2*	0	-	4	0.2*	2	0.1*	4	0.2*	5	0.3*	6	0.3*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	2	0.7*	0	-	1	0.4*	1	0.4*	0	-
SHASTA	0	-	0	-	1	0.6*	1	0.6*	0	-	2	1.1*	2	1.1*	3	1.7*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-	2	4.6*
SOLANO	0	-	1	0.2*	0	-	0	-	3	0.7*	1	0.2*	2	0.5*	3	0.7*	1	0.2*
SONOMA	1	0.2*	0	-	3	0.6*	0	-	1	0.2*	0	-	2	0.4*	4	0.8*	1	0.2*
STANISLAUS	1	0.2*	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-	5	0.9*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	2	0.4*	0	-	1	0.2*	0	-	0	-	4	0.8*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	1	1.9*	0	-	0	-
VENTURA	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	3	0.4*	0	-
YOLO	0	-	0	-	1	0.5*	0	-	1	0.5*	0	-	0	-	0	-	0	-
YUBA	0	-	2	2.7*	0	-	0	-	0	-	0	-	1	1.3*	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.

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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	29	38	36	36	45	52	67	70	36	
JANUARY	1	0	0	0	4	2	3	2	1	
FEBRUARY	6	1	2	2	0	1	1	0	0	
MARCH	2	0	3	1	0	1	2	1	1	
APRIL	0	2	2	4	2	2	9	2	1	
MAY	1	1	6	2	4	3	8	11	9	
JUNE	2	3	3	3	5	0	5	10	1	
JULY	6	5	2	5	6	10	8	7	5	
AUGUST	3	7	4	4	1	3	7	10	4	
SEPTEMBER	3	7	3	4	3	6	11	11	6	
OCTOBER	2	8	6	8	8	16	3	6	1	
NOVEMBER	1	2	2	1	10	5	7	5	5	
DECEMBER	2	2	3	2	2	3	3	5	2	

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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	29	0.1	38	0.1	36	0.1	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1
FEMALE	17	0.1*	22	0.1	27	0.1	23	0.1	28	0.1	18	0.1*	37	0.2	42	0.2	22	0.1
MALE	12	0.1*	16	0.1*	9	0.0*	13	0.1*	17	0.1*	34	0.2	30	0.2	28	0.1	14	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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	29	0.1	38	0.1	36	0.1	36	0.1	45	0.1	52	0.1	67	0.2	70	0.2	36	0.1
0	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	2	0.4*	1	0.2*
1-4	13	0.6*	16	0.8*	23	1.1	17	0.8*	26	1.3	15	0.8*	26	1.3	33	1.7	18	1.0*
5-9	4	0.2*	10	0.4*	5	0.2*	7	0.3*	10	0.4*	10	0.4*	8	0.3*	14	0.6*	9	0.4*
10-14	6	0.2*	0	-	2	0.1*	4	0.2*	1	0.0*	3	0.1*	9	0.3*	5	0.2*	2	0.1*
15-24	1	0.0*	4	0.1*	1	0.0*	0	-	0	-	16	0.3*	2	0.0*	4	0.1*	0	-
25-34	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	3	0.1*	2	0.0*
35-44	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-
45-54	0	-	0	-	1	0.0*	3	0.1*	1	0.0*	0	-	2	0.0*	3	0.1*	0	-
55-64	1	0.0*	1	0.0*	3	0.1*	3	0.1*	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*
65+	3	0.1*	5	0.1*	1	0.0*	1	0.0*	6	0.1*	4	0.1*	14	0.2*	2	0.0*	2	0.0*
UNKNOWN	0	-	1	-	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.

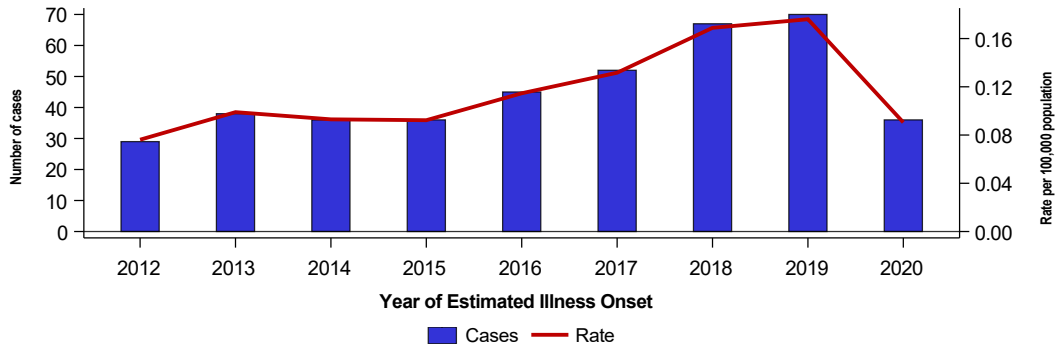
*Potentially unreliable rate: relative standard error 23 percent or more.

Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS), Cases by Race/Ethnicity, California, 2012-2020

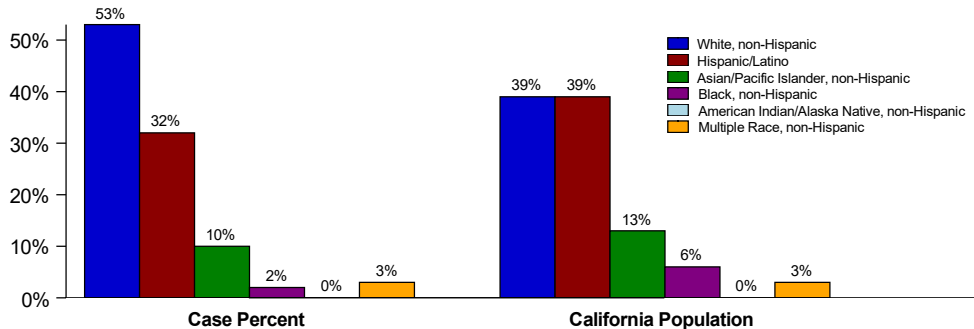
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	29	38	36	36	45	52	67	70	36	
WHITE, NON-HISPANIC	12	21	12	18	23	27	28	21	16	
HISPANIC/LATINO	7	9	11	10	11	5	19	24	12	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	4	5	2	1	4	5	8	3	
BLACK, NON-HISPANIC	1	0	2	1	1	0	1	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	0	0	1	0	0	
MULTIPLE RACE, NON-HISPANIC	2	1	0	2	1	1	0	2	1	
OTHER, NON-HISPANIC	0	0	0	0	4	4	7	7	2	
UNKNOWN	5	3	6	3	4	11	6	8	2	

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, 2012-2020**



**Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS)
Cases and Population by Race/Ethnicity, California, 2012-2020**



11.7% (n=48) of reported incidents of Shiga toxin-producing E. coli (STEC) with Hemolytic Uremic Syndrome (HUS) did not identify race/ethnicity and 5.9% (n=24) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	13	0.0*	22	0.1	3	0.0*	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	1	0.1*	1	0.1*	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	-	1	0.4*	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*	1	0.1*	0	-	0	-	0	-	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	-	1	0.5*
FRESNO	1	0.1*	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	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	-	1	0.1*
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*	3	0.0*	1	0.0*	0	-	0	-	2	0.0*	0	-	0	-	3	0.0*
LOS ANGELES	1	0.0*	3	0.0*	1	0.0*	0	-	0	-	2	0.0*	0	-	0	-	3	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	-	1	0.4*	0	-	0	-	2	0.8*	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	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
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	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
PLACER	0	-	0	-	0	-	0	-	4	1.1*	0	-	0	-	0	-	1	0.3*
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	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	2	0.1*	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	2	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	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	-	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	4	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	1	0.6*	0	-	0	-	0	-	0	-	2	1.1*	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	-	0	-	1	0.2*	1	0.2*	1	0.2*	0	-
SONOMA	1	0.2*	2	0.4*	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-
STANISLAUS	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	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	-	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	13	22	3	4	11	9	5	5	11	
JANUARY	1	0	0	0	2	2	0	0	1	
FEBRUARY	2	0	0	0	0	1	0	0	0	
MARCH	0	1	0	0	0	0	0	1	1	
APRIL	2	0	0	0	0	0	1	0	0	
MAY	2	2	0	0	1	1	1	0	1	
JUNE	2	1	1	1	1	1	1	0	1	
JULY	0	4	0	0	0	0	0	1	1	
AUGUST	2	6	0	0	1	1	0	0	3	
SEPTEMBER	1	3	0	0	1	0	0	1	0	
OCTOBER	1	3	1	2	3	0	1	0	3	
NOVEMBER	0	2	1	1	2	2	0	2	0	
DECEMBER	0	0	0	0	0	1	1	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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	13	0.0*	22	0.1	3	0.0*	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*
FEMALE	8	0.0*	14	0.1*	3	0.0*	2	0.0*	6	0.0*	6	0.0*	5	0.0*	3	0.0*	8	0.0*
MALE	5	0.0*	8	0.0*	0	-	2	0.0*	5	0.0*	3	0.0*	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.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	13	0.0*	22	0.1	3	0.0*	4	0.0*	11	0.0*	9	0.0*	5	0.0*	5	0.0*	11	0.0*
0	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
1-4	6	0.3*	11	0.5*	1	0.0*	3	0.1*	2	0.1*	4	0.2*	2	0.1*	2	0.1*	3	0.2*
5-9	4	0.2*	2	0.1*	2	0.1*	0	-	3	0.1*	0	-	0	-	2	0.1*	1	0.0*
10-14	2	0.1*	1	0.0*	0	-	0	-	3	0.1*	1	0.0*	0	-	0	-	1	0.0*
15-24	1	0.0*	3	0.1*	0	-	0	-	0	-	0	-	1	0.0*	0	-	3	0.1*
25-34	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
35-44	0	-	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	1	0.0*	0	-	1	0.0*	0	-	3	0.1*	0	-	0	-	0	-
65+	0	-	1	0.0*	0	-	0	-	3	0.1*	1	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.

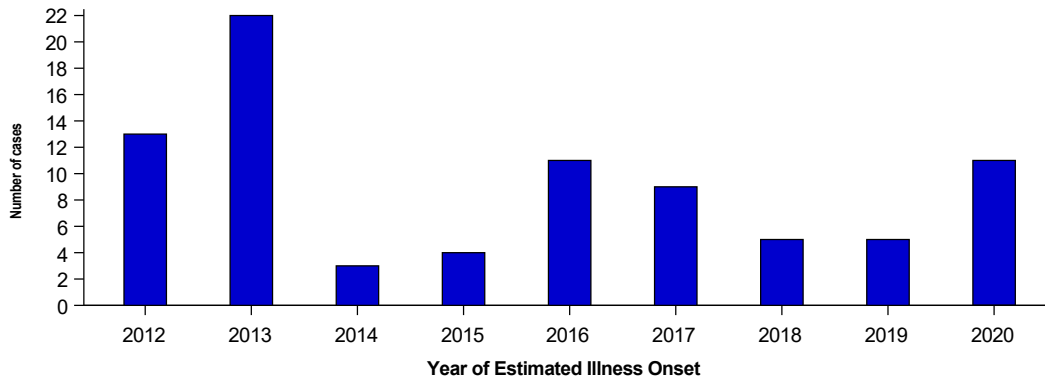
*Potentially unreliable rate: relative standard error 23 percent or more.

Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC), Cases by Race/Ethnicity, California, 2012-2020

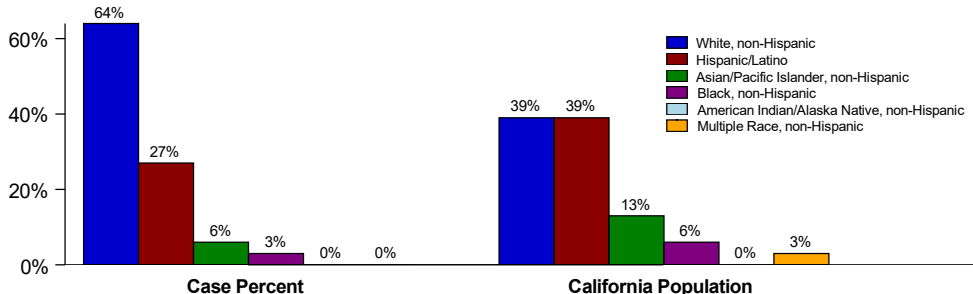
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	13	22	3	4	11	9	5	5	11	
WHITE, NON-HISPANIC	7	13	1	1	7	4	2	2	5	
HISPANIC/LATINO	6	3	1	2	0	3	1	0	2	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	0	0	0	0	1	2	
BLACK, NON-HISPANIC	0	1	0	0	0	1	0	0	0	
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	1	
UNKNOWN	0	4	1	1	4	1	2	2	1	

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, 2012-2020



Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC) Cases and Population by Race/Ethnicity, California, 2012-2020



19.3% (n=16) of reported incidents of Hemolytic Uremic Syndrome (HUS) without evidence of Shiga toxin-producing E. coli (STEC) did not identify race/ethnicity and 1.2% (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.

Shigellosis

Shigellosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1,090	2.9	1,075	2.8	1,644	4.2	2,197	5.6	2,076	5.3	2,655	6.7	3,440	8.7	3,454	8.7	1,797	4.5
ALAMEDA COUNTY TOTAL	44	2.8	55	3.5	81	5.1	135	8.3	58	3.5	144	8.7	183	11.0	142	8.5	75	4.5
ALAMEDA	43	3.0	52	3.6	74	5.0	128	8.6	51	3.4	131	8.6	175	11.4	135	8.8	72	4.7
BERKELEY	1	0.9*	3	2.6*	7	5.9*	7	5.9*	7	5.8*	13	10.7*	8	6.6*	7	5.7*	3	2.5*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	8	21.2*	0	-
BUTTE	7	3.2*	1	0.5*	0	-	3	1.3*	5	2.2*	4	1.8*	0	-	0	-	0	-
CALAVERAS	0	-	0	-	1	2.2*	0	-	0	-	2	4.5*	0	-	1	2.3*	1	2.3*
COLUSA	0	-	0	-	0	-	0	-	0	-	1	4.5*	0	-	0	-	0	-
CONTRA COSTA	26	2.4	22	2.0	31	2.8	30	2.7	33	2.9	70	6.2	104	9.1	81	7.1	38	3.3
DEL NORTE	0	-	0	-	0	-	0	-	0	-	1	3.8*	0	-	0	-	0	-
EL DORADO	1	0.6*	2	1.1*	1	0.5*	5	2.7*	0	-	8	4.3*	3	1.6*	2	1.1*	3	1.6*
FRESNO	21	2.2	23	2.4	39	4.0	86	8.8	110	11.1	72	7.2	76	7.5	66	6.5	50	4.9
GLENN	0	-	1	3.5*	2	7.1*	0	-	1	3.5*	1	3.5*	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.7*	2	1.5*	1	0.7*	4	3.0*	3	2.2*	1	0.8*
IMPERIAL	17	9.5*	27	15.0	28	15.3	29	15.7	19	10.2	41	21.9	22	11.7	44	23.3	17	9.0*
INYO	1	5.4*	0	-	2	10.7*	0	-	0	-	0	-	1	5.4*	0	-	0	-
KERN	24	2.8	16	1.8*	12	1.4*	23	2.6	65	7.3	56	6.3	53	5.9	43	4.7	38	4.2
KINGS	0	-	0	-	0	-	1	0.7*	2	1.3*	0	-	2	1.3*	7	4.6*	3	1.9*
LAKE	0	-	0	-	0	-	1	1.5*	2	3.1*	4	6.2*	0	-	2	3.1*	1	1.6*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	328	3.3	255	2.5	384	3.8	534	5.3	630	6.2	771	7.5	1,053	10.3	1,127	11.0	629	6.2
LOS ANGELES	305	3.3	230	2.4	352	3.7	505	5.3	582	6.1	727	7.6	972	10.2	1,040	10.9	585	6.1
LONG BEACH	22	4.7	23	4.9	26	5.5	25	5.3	42	8.9	36	7.6	72	15.2	79	16.7	43	9.1
PASADENA	1	0.7*	2	1.4*	6	4.2*	4	2.8*	6	4.2*	8	5.6*	9	6.2*	8	5.5*	1	0.7*
MADERA	1	0.7*	7	4.6*	5	3.3*	9	5.8*	7	4.5*	5	3.2*	12	7.6*	5	3.2*	0	-
MARIN	4	1.6*	7	2.7*	10	3.8*	23	8.8	26	9.9	31	11.8	27	10.3	30	11.5	13	5.0*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.6*	0	-
MENDOCINO	0	-	0	-	1	1.1*	4	4.5*	1	1.1*	1	1.1*	5	5.7*	3	3.4*	3	3.4*
MERCED	9	3.4*	39	14.8	0	-	7	2.6*	7	2.6*	11	4.0*	8	2.9*	7	2.5*	7	2.5*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	7.2*	0	-	0	-	1	7.3*	0	-	0	-	0	-	1	7.4*
MONTEREY	18	4.2*	19	4.5	25	5.8	15	3.5*	28	6.4	13	3.0*	30	6.8	30	6.8	11	2.5*
NAPA	5	3.6*	4	2.9*	7	5.0*	11	7.8*	6	4.2*	12	8.5*	12	8.5*	12	8.6*	9	6.5*
NEVADA	2	2.0*	0	-	0	-	4	4.1*	2	2.0*	2	2.0*	1	1.0*	2	2.0*	0	-
ORANGE	66	2.1	69	2.2	84	2.7	66	2.1	74	2.3	92	2.9	184	5.8	181	5.7	76	2.4
PLACER	4	1.1*	1	0.3*	5	1.4*	15	4.0*	16	4.2*	17	4.4*	11	2.8*	13	3.3*	5	1.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	1	5.4*	1	5.5*	0	-	0	-
RIVERSIDE	43	1.9	35	1.5	83	3.6	71	3.1	79	3.4	116	4.9	148	6.1	152	6.3	95	3.9
SACRAMENTO	21	1.5	17	1.2*	17	1.2*	75	5.0	34	2.3	91	6.0	78	5.1	105	6.8	51	3.3
SAN BENITO	1	1.8*	2	3.5*	2	3.5*	2	3.4*	0	-	4	6.7*	1	1.6*	7	11.3*	1	1.6*
SAN BERNARDINO	21	1.0	10	0.5*	24	1.1	48	2.3	45	2.1	72	3.4	102	4.7	80	3.7	49	2.2
SAN DIEGO	102	3.2	128	4.0	242	7.4	184	5.6	242	7.3	334	10.1	393	11.8	430	12.8	240	7.2
SAN FRANCISCO	142	17.0	115	13.6	287	33.5	219	25.2	101	11.5	183	20.6	283	31.7	261	29.1	120	13.3
SAN JOAQUIN	7	1.0*	13	1.8*	30	4.2	189	26.0	74	10.0	39	5.2	39	5.2	55	7.2	18	2.3*
SAN LUIS OBISPO	2	0.7*	4	1.5*	7	2.5*	9	3.3*	2	0.7*	8	2.9*	13	4.7*	7	2.5*	4	1.4*
SAN MATEO	16	2.2*	14	1.9*	37	4.9	37	4.8	44	5.7	68	8.8	80	10.3	71	9.1	22	2.8
SANTA BARBARA	19	4.4	15	3.4*	27	6.1	10	2.3*	17	3.8*	17	3.8*	11	2.4*	27	6.0	18	4.0*
SANTA CLARA	70	3.8	50	2.7	81	4.3	225	11.7	78	4.0	153	7.8	240	12.3	166	8.5	74	3.8
SANTA CRUZ	7	2.6*	10	3.7*	8	2.9*	10	3.6*	20	7.3	12	4.4*	27	9.9	53	19.5	10	3.7*
SHASTA	0	-	1	0.6*	0	-	3	1.7*	2	1.1*	0	-	3	1.7*	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	1	2.3*	0	-	0	-	0	-
SOLANO	6	1.4*	10	2.4*	12	2.8*	17	4.0*	41	9.5	31	7.1	30	6.8	54	12.3	7	1.6*
SONOMA	4	0.8*	33	6.7	11	2.2*	10	2.0*	12	2.4*	35	7.0	71	14.2	51	10.3	25	5.1
STANISLAUS	8	1.5*	24	4.5	19	3.6	20	3.7	134	24.7	53	9.7	44	8.0	31	5.6	17	3.1*
SUTTER	0	-	2	2.1*	7	7.3*	5	5.2*	2	2.0*	1	1.0*	1	1.0*	1	1.0*	2	2.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5*	2	3.1*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	17	3.8*	17	3.7*	5	1.1*	20	4.3	10	2.1*	9	1.9*	5	1.1*	12	2.5*	5	1.0*
TUOLUMNE	0	-	1	1.8*	1	1.9*	1	1.9*	0	-	3	5.7*	2	3.8*	0	-	0	-
VENTURA	23	2.7	20	2.4	17	2.0*	23	2.7	31	3.7	57	6.7	67	7.9	58	6.9	51	6.1
YOLO	3	1.5*	3	1.4*	8	3.8*	15	7.1*	12	5.6*	7	3.2*	10	4.5*	17	7.7*	4	1.8*
YUBA	0	-	2	2.7*	1	1.4*	2	2.7*	1	1.3*	0	-	0	-	4	5.1*	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.

Shigellosis

Shigellosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1,090	1,075	1,644	2,197	2,076	2,655	3,440	3,454	1,797	
JANUARY	61	60	62	123	145	175	223	286	253	
FEBRUARY	37	47	84	102	119	167	184	212	158	
MARCH	51	52	55	119	113	149	176	254	130	
APRIL	75	64	74	98	117	158	214	201	66	
MAY	88	49	99	143	107	194	252	272	84	
JUNE	75	107	85	144	160	186	258	266	97	
JULY	118	144	142	189	217	254	374	380	143	
AUGUST	169	143	190	214	272	321	409	379	188	
SEPTEMBER	158	115	240	220	237	294	395	298	226	
OCTOBER	101	136	207	436	226	302	329	362	220	
NOVEMBER	86	80	167	247	195	247	376	278	149	
DECEMBER	71	78	239	162	168	208	250	266	83	

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

Shigellosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,090	2.9	1,075	2.8	1,644	4.2	2,197	5.6	2,076	5.3	2,655	6.7	3,440	8.7	3,454	8.7	1,797	4.5
FEMALE	439	2.3	388	2.0	610	3.1	880	4.5	767	3.9	1,013	5.1	1,300	6.5	1,280	6.4	576	2.9
MALE	650	3.4	594	3.1	895	4.6	1,316	6.8	1,305	6.7	1,634	8.3	2,136	10.8	2,168	10.9	1,214	6.1
UNKNOWN	1	-	93	-	139	-	1	-	4	-	8	-	4	-	6	-	7	-

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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,090	2.9	1,075	2.8	1,644	4.2	2,197	5.6	2,076	5.3	2,655	6.7	3,440	8.7	3,454	8.7	1,797	4.5
0	13	2.6*	6	1.2*	8	1.6*	7	1.4*	9	1.8*	11	2.3*	15	3.3*	12	2.7*	5	1.1*
1-4	141	6.9	157	7.8	162	8.1	197	9.8	181	9.1	208	10.5	226	11.5	213	11.1	126	6.8
5-9	153	6.0	162	6.3	178	6.9	192	7.4	201	7.8	190	7.4	186	7.3	172	6.8	81	3.2
10-14	48	1.9	52	2.0	61	2.4	86	3.4	84	3.3	95	3.7	112	4.3	99	3.8	61	2.4
15-24	96	1.7	95	1.7	155	2.7	236	4.1	212	3.6	264	4.6	334	5.8	325	5.7	175	3.1
25-34	163	3.0	159	3.0	254	4.8	406	7.7	381	7.3	485	9.3	710	13.7	674	13.0	357	6.9
35-44	151	2.9	141	2.7	248	4.8	309	6.0	269	5.2	362	7.0	529	10.1	536	10.2	303	5.8
45-54	145	2.8	143	2.7	277	5.3	369	7.0	314	6.0	448	8.6	550	10.6	548	10.7	287	5.7
55-64	85	2.0	87	2.0	168	3.7	241	5.2	243	5.1	309	6.4	429	8.8	512	10.4	245	5.0
65+	92	2.0	64	1.3	131	2.6	152	2.9	180	3.3	279	4.9	344	5.9	359	5.9	156	2.5
UNKNOWN	3	-	9	-	2	-	2	-	2	-	4	-	5	-	4	-	1	-

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

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

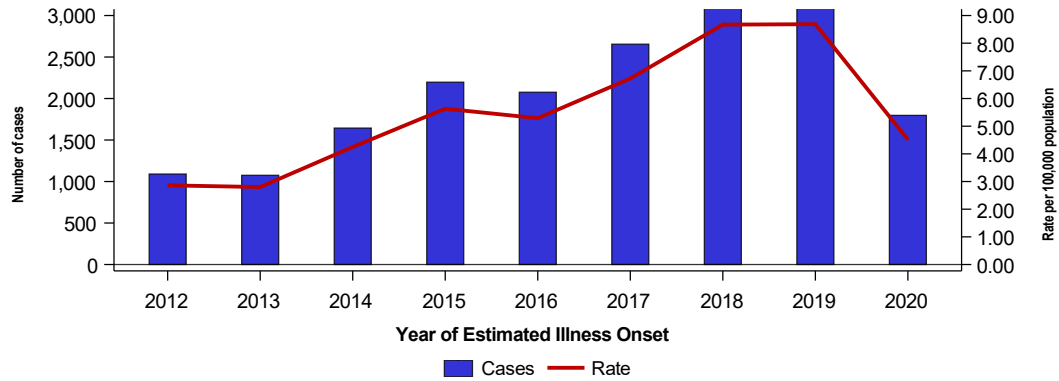
*Potentially unreliable rate: relative standard error 23 percent or more.

Shigellosis, Cases by Race/Ethnicity, California, 2012-2020

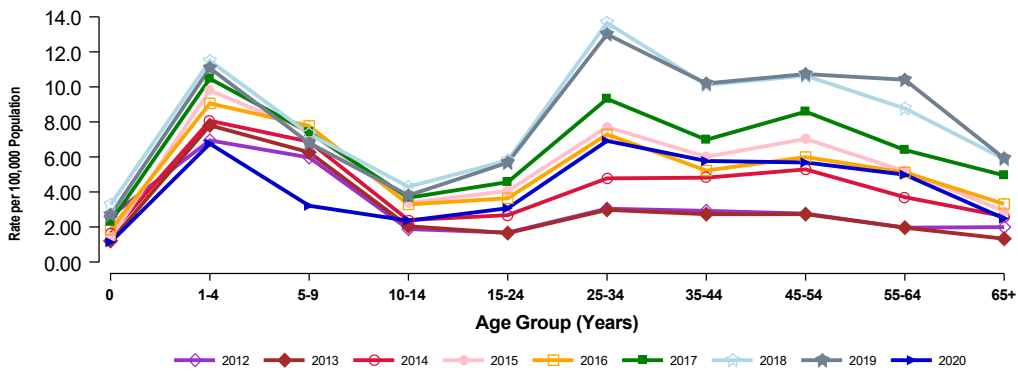
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	1,090	1,075	1,644	2,197	2,076	2,655	3,440	3,454	1,797	
WHITE, NON-HISPANIC	354	313	575	731	785	972	1,219	1,150	576	
HISPANIC/LATINO	482	491	612	868	791	975	1,213	1,342	682	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	47	39	86	86	78	151	218	204	88	
BLACK, NON-HISPANIC	51	48	84	191	179	179	252	209	165	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	5	6	3	8	4	10	9	5	3	
MULTIPLE RACE, NON-HISPANIC	2	2	8	8	11	12	22	35	15	
OTHER, NON-HISPANIC	5	8	13	20	59	140	162	167	88	
UNKNOWN	144	168	263	285	169	216	345	342	180	

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

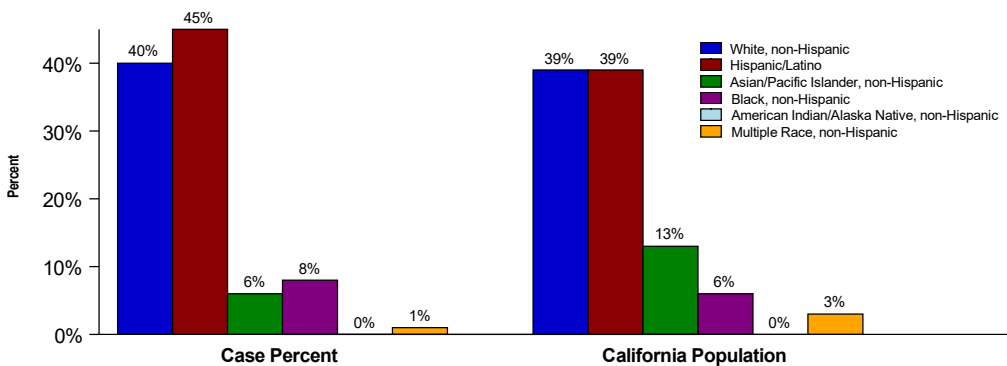
Shigellosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Shigellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, California, 2012-2020



Shigellosis Cases and Population by Race/Ethnicity, California, 2012-2020



10.9% (n=2112) of reported incidents of Shigellosis did not identify race/ethnicity and 3.4% (n=662) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	22	0.1	17	0.0*	11	0.0*	11	0.0*	15	0.0*	15	0.0*	14	0.0*	16	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	1	0.1*	1	0.1*	4	0.2*	4	0.2*	1	0.1*	3	0.2*	0	-
ALAMEDA	0	-	1	0.1*	0	-	1	0.1*	3	0.2*	4	0.3*	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	1	0.8*	0	-	1	0.8*	0	-	1	0.8*	2	1.6*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	1	2.7*	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	3	0.3*	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	0	-	1	0.1*	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	-	2	1.1*	1	0.5*	0	-	0	-	1	0.5*	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
KINGS	2	1.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	1	1.5*	0	-	1	1.5*	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	2	0.0*	1	0.0*	0	-	2	0.0*	4	0.0*	1	0.0*	1	0.0*	0	-
LOS ANGELES	0	-	2	0.0*	0	-	0	-	1	0.0*	3	0.0*	1	0.0*	1	0.0*	0	-
LONG BEACH	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	1	0.7*	0	-	0	-	1	0.6*	0	-	0	-	1	0.6*	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	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	2	0.5*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-
NAPA	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	0	-	1	0.0*	2	0.1*	0	-	0	-	0	-	2	0.1*	0	-
PLACER	2	0.6*	0	-	0	-	0	-	1	0.3*	0	-	1	0.3*	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	1	0.0*	0	-	0	-	2	0.1*	2	0.1*	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	2	0.1*	0	-
SAN DIEGO	1	0.0*	4	0.1*	2	0.1*	2	0.1*	2	0.1*	3	0.1*	1	0.0*	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	3	0.4*	0	-	0	-	0	-	1	0.1*	2	0.2*	0	-	0	-
SAN JOAQUIN	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	2	0.3*	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	0	-	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	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SONOMA	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
STANISLAUS	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	1	1.0*	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	-	0	-	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.

Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	22	17	11	11	15	15	14	16	1	
JANUARY	2	0	1	0	2	2	0	0	0	
FEBRUARY	2	1	0	0	1	1	0	1	0	
MARCH	0	0	0	2	0	0	2	0	1	
APRIL	1	1	0	1	0	1	2	2	0	
MAY	1	0	3	2	1	2	3	1	0	
JUNE	4	4	1	2	0	1	1	1	0	
JULY	4	1	3	1	2	1	3	3	0	
AUGUST	3	7	1	1	4	0	0	1	0	
SEPTEMBER	1	1	1	1	1	3	2	2	0	
OCTOBER	3	1	0	0	4	1	1	3	0	
NOVEMBER	0	1	1	0	0	2	0	1	0	
DECEMBER	1	0	0	1	0	1	0	1	0	

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

Spotted Fever Rickettsiosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	22	0.1	17	0.0*	11	0.0*	11	0.0*	15	0.0*	15	0.0*	14	0.0*	16	0.0*	1	0.0*
FEMALE	9	0.0*	6	0.0*	5	0.0*	4	0.0*	6	0.0*	5	0.0*	5	0.0*	6	0.0*	0	-
MALE	13	0.1*	9	0.0*	6	0.0*	7	0.0*	9	0.0*	10	0.1*	9	0.0*	10	0.1*	1	0.0*
UNKNOWN	0	-	2	-	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.

Spotted Fever Rickettsiosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	22	0.1	17	0.0*	11	0.0*	11	0.0*	15	0.0*	15	0.0*	14	0.0*	16	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	4	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-
10-14	4	0.2*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
15-24	1	0.0*	1	0.0*	1	0.0*	4	0.1*	1	0.0*	0	-	2	0.0*	0	-	0	-
25-34	2	0.0*	2	0.0*	1	0.0*	3	0.1*	4	0.1*	3	0.1*	3	0.1*	1	0.0*	0	-
35-44	2	0.0*	2	0.0*	2	0.0*	1	0.0*	2	0.0*	3	0.1*	1	0.0*	1	0.0*	0	-
45-54	2	0.0*	4	0.1*	1	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-
55-64	2	0.0*	7	0.2*	2	0.0*	1	0.0*	3	0.1*	2	0.0*	5	0.1*	3	0.1*	1	0.0*
65+	4	0.1*	1	0.0*	4	0.1*	1	0.0*	3	0.1*	5	0.1*	2	0.0*	8	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.

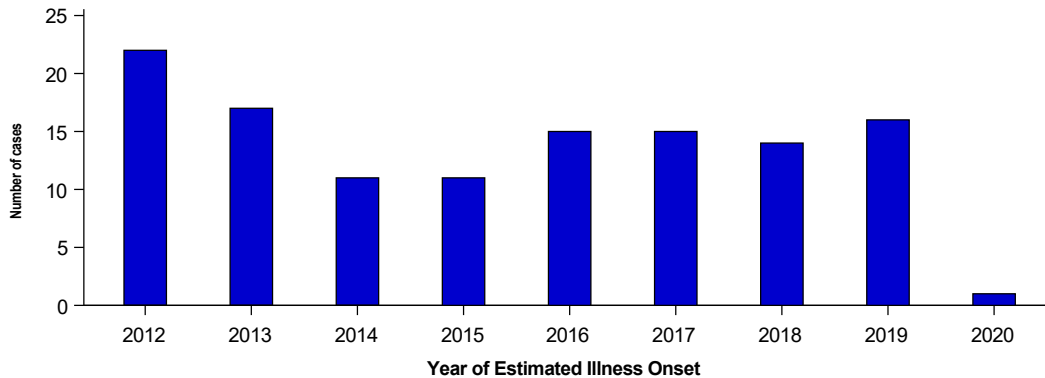
*Potentially unreliable rate: relative standard error 23 percent or more.

Spotted Fever Rickettsiosis, Cases by Race/Ethnicity, California, 2012-2020

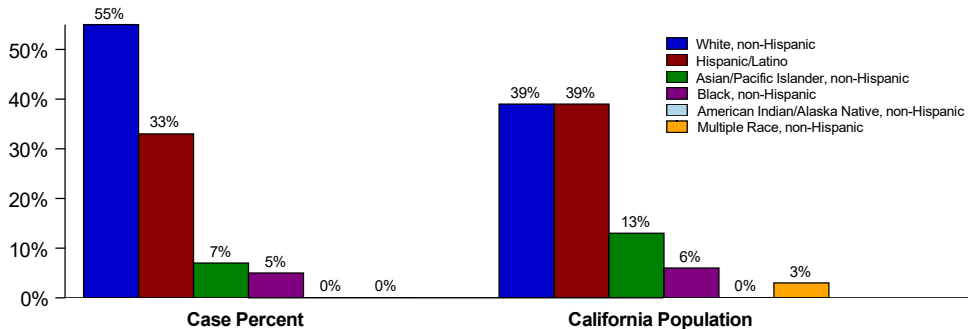
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	22	17	11	11	15	15	14	16	1	
WHITE, NON-HISPANIC	11	6	3	4	6	4	3	7	1	
HISPANIC/LATINO	2	5	5	4	0	5	3	3	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	1	0	0	2	1	0	2	0	
BLACK, NON-HISPANIC	0	1	1	0	0	1	1	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	1	0	0	0	1	1	1	0	0	
UNKNOWN	8	4	2	3	6	3	6	4	0	

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

Spotted Fever Rickettsiosis Cases by Year of Estimated Illness Onset, California, 2012-2020



Spotted Fever Rickettsiosis Cases and Population by Race/Ethnicity, California, 2012-2020



29.5% (n=36) of reported incidents of Spotted Fever Rickettsiosis did not identify race/ethnicity and 3.3% (n=4) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	2	0.0*	3	0.0*	0	-	8	0.0*	8	0.0*	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	8	0.5*	3	0.2*	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	8	0.5*	2	0.1*	0	-	0	-	0	-
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	-	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	-	1	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	-	5	0.3*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	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	-	1	0.2*	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	-	1	7.3*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	2	3	0	8	8	0	0	0	
JANUARY	0	0	0	0	0	3	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	0	0	3	0	0	0	
MAY	0	0	2	0	0	1	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	1	0	0	0	0	0	0	
NOVEMBER	0	2	0	0	0	0	0	0	0	
DECEMBER	0	0	0	0	8	0	0	0	0	

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

Trichinosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	3	0.0*	0	-	8	0.0*	8	0.0*	0	-	0	-	0	-
FEMALE	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
MALE	0	-	1	0.0*	2	0.0*	0	-	8	0.0*	7	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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	3	0.0*	0	-	8	0.0*	8	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	-	1	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	-	3	0.1*	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
45-54	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
55-64	0	-	0	-	1	0.0*	0	-	6	0.1*	1	0.0*	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	2	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, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	0	2	3	0	8	8	0	0	0	
WHITE, NON-HISPANIC	0	0	1	0	0	3	0	0	0	
HISPANIC/LATINO	0	0	0	0	0	1	0	0	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	2	0	8	2	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	1	0	0	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	2	0	0	0	1	0	0	0	

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

Tularemia

Tularemia, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	0		2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0		0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	0		0	-	1	0.1*	1	0.1*	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	-	0	-	0	-	0	-	0	-	2	0.2*
DEL NORTE	0	-	0	-	0		0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0		1	0.5*	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0		0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0		0	-	0	-	0	-	1	3.5*	0	-	0	-
HUMBOLDT	0	-	0	-	0		0	-	0	-	1	0.7*	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	-	1	1.6*	1	1.5*	1	1.5*	0	-	0	-
LASSEN	0	-	0	-	0		0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0		0	-	0	-	0	-	1	0.0*	0	-	0	-
LOS ANGELES	0	-	0	-	0		0	-	0	-	0	-	1	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	-	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	-	1	0.2*	0	-	1	0.2*	0	-
NAPA	0	-	1	0.7*	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	-	1	0.1*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0		0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	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	-	1	0.1*
SANTA CRUZ	0	-	0	-	0		0	-	0	-	0	-	0	-	1	0.4*	0	-
SHASTA	0	-	1	0.6*	0		0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0		0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	0		0	-	0	-	0	-	0	-	1	2.3*	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	-	1	0.2*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	2	2	0	2	2	5	4	4	4	
JANUARY	0	0	0	0	0	0	1	0	0	
FEBRUARY	0	1	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	1	0	0	1	
APRIL	0	0	0	0	0	0	1	0	0	
MAY	0	0	0	0	0	0	1	2	0	
JUNE	1	0	0	0	1	0	0	1	0	
JULY	0	1	0	0	0	2	1	1	0	
AUGUST	0	0	0	2	0	1	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	1	
OCTOBER	0	0	0	0	0	0	0	0	2	
NOVEMBER	0	0	0	0	0	0	0	0	0	
DECEMBER	1	0	0	0	1	1	0	0	0	

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

Tularemia, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	0	-	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	0.0*	4	0.0*
FEMALE	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	3	0.0*	2	0.0*	2	0.0*	1	0.0*
MALE	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	2	0.0*	2	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.

Tularemia, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	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*	0	-	2	0.0*	2	0.0*	5	0.0*	4	0.0*	4	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	-	1	0.0*	0	-	1	0.0*	2	0.1*	0	-
10-14	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*
25-34	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
65+	0	-	1	0.0*	0	-	2	0.0*	1	0.0*	2	0.0*	1	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.

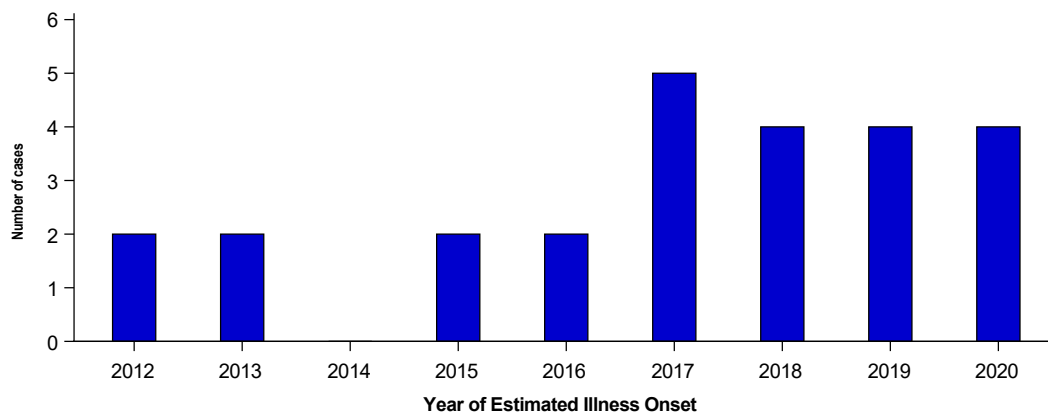
*Potentially unreliable rate: relative standard error 23 percent or more.

Tularemia, Cases by Race/Ethnicity, California, 2012-2020

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	2	2	0	2	2	5	4	4	4	
WHITE, NON-HISPANIC	1	2	0	2	0	1	3	1	3	
HISPANIC/LATINO	1	0	0	0	0	2	0	2	0	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	0	0	0	0	0	0	0	0	1	
BLACK, NON-HISPANIC	0	0	0	0	1	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	1	0	
OTHER, NON-HISPANIC	0	0	0	0	0	0	0	0	0	
UNKNOWN	0	0	0	0	1	2	1	0	0	

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

Tularemia Cases by Year of Estimated Illness Onset, California, 2012-2020



Typhoid Fever

Typhoid Fever, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	58	0.2	67	0.2	72	0.2	59	0.2	61	0.2	77	0.2	78	0.2	97	0.2	49	0.1
ALAMEDA COUNTY TOTAL	8	0.5*	8	0.5*	12	0.7*	8	0.5*	9	0.5*	12	0.7*	6	0.4*	7	0.4*	7	0.4*
ALAMEDA	8	0.6*	7	0.5*	11	0.7*	7	0.5*	9	0.6*	11	0.7*	5	0.3*	7	0.5*	6	0.4*
BERKELEY	0	-	1	0.9*	1	0.8*	1	0.8*	0	-	1	0.8*	1	0.8*	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	-	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	7	0.6*	5	0.5*	5	0.5*	2	0.2*	5	0.4*	0	-	8	0.7*	7	0.6*	3	0.3*
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	-	1	0.1*	6	0.6*	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	-	1	0.5*	1	0.5*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	3	0.3*	0	-	0	-	0	-	2	0.2*	1	0.1*	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	6	0.1*	17	0.2*	18	0.2*	13	0.1*	11	0.1*	9	0.1*	13	0.1*	27	0.3	12	0.1*
LOS ANGELES	6	0.1*	17	0.2*	15	0.2*	13	0.1*	11	0.1*	8	0.1*	13	0.1*	26	0.3	11	0.1*
LONG BEACH	0	-	0	-	3	0.6*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.6*	2	1.3*	0	-	0	-	0	-
MARIN	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	1	5.5*	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	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
NEVADA	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	7	0.2*	3	0.1*	3	0.1*	3	0.1*	4	0.1*	7	0.2*	3	0.1*	7	0.2*	1	0.0*
PLACER	1	0.3*	0	-	0	-	1	0.3*	0	-	0	-	1	0.3*	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	3	0.1*	1	0.0*	0	-
SACRAMENTO	1	0.1*	7	0.5*	2	0.1*	1	0.1*	2	0.1*	4	0.3*	6	0.4*	5	0.3*	5	0.3*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	2	0.1*	2	0.1*	2	0.1*	0	-
SAN DIEGO	4	0.1*	3	0.1*	3	0.1*	5	0.2*	5	0.2*	2	0.1*	4	0.1*	5	0.1*	4	0.1*
SAN FRANCISCO	1	0.1*	0	-	0	-	1	0.1*	3	0.3*	3	0.3*	3	0.3*	4	0.4*	1	0.1*
SAN JOAQUIN	1	0.1*	1	0.1*	1	0.1*	2	0.3*	2	0.3*	4	0.5*	7	0.9*	0	-	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SAN MATEO	2	0.3*	1	0.1*	1	0.1*	2	0.3*	2	0.3*	1	0.1*	1	0.1*	4	0.5*	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	2	0.5*	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	15	0.8*	15	0.8*	17	0.9*	15	0.8*	9	0.5*	18	0.9*	12	0.6*	19	1.0	9	0.5*
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	1	0.2*	0	-	2	0.5*	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*
SONOMA	1	0.2*	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	2	0.4*	0	-
SUTTER	0	-	0	-	3	3.1*	0	-	2	2.0*	0	-	0	-	1	1.0*	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	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-	0	-	0	-	4	0.5*	1	0.1*	0	-	0	-
YOLO	1	0.5*	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.5*
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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	58	67	72	59	61	77	78	97	49	
JANUARY	7	6	8	6	11	13	5	14	15	
FEBRUARY	5	3	5	7	2	5	1	15	11	
MARCH	2	9	6	1	5	4	5	3	6	
APRIL	5	6	3	4	4	5	15	7	2	
MAY	5	6	9	6	9	2	8	6	3	
JUNE	5	10	3	3	6	8	4	13	3	
JULY	4	7	17	5	8	9	11	11	3	
AUGUST	3	7	9	9	3	8	8	13	0	
SEPTEMBER	6	4	5	1	4	9	7	6	3	
OCTOBER	3	3	4	6	2	1	2	3	2	
NOVEMBER	5	5	1	2	1	7	5	2	1	
DECEMBER	8	1	2	9	6	6	7	4	0	

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

Typhoid Fever, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	58	0.2	67	0.2	72	0.2	59	0.2	61	0.2	77	0.2	78	0.2	97	0.2	49	0.1
FEMALE	30	0.2	34	0.2	31	0.2	23	0.1	28	0.1	39	0.2	39	0.2	54	0.3	26	0.1
MALE	28	0.1	32	0.2	41	0.2	36	0.2	33	0.2	38	0.2	39	0.2	43	0.2	23	0.1
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.

Typhoid Fever, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	58	0.2	67	0.2	72	0.2	59	0.2	61	0.2	77	0.2	78	0.2	97	0.2	49	0.1
0	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	3	0.7*	0	-
1-4	3	0.1*	10	0.5*	7	0.3*	5	0.2*	4	0.2*	13	0.7*	5	0.3*	4	0.2*	8	0.4*
5-9	4	0.2*	5	0.2*	14	0.5*	6	0.2*	6	0.2*	6	0.2*	5	0.2*	13	0.5*	4	0.2*
10-14	4	0.2*	6	0.2*	5	0.2*	5	0.2*	2	0.1*	5	0.2*	7	0.3*	11	0.4*	4	0.2*
15-24	9	0.2*	9	0.2*	9	0.2*	9	0.2*	6	0.1*	9	0.2*	16	0.3*	19	0.3	6	0.1*
25-34	13	0.2*	16	0.3*	19	0.4	16	0.3*	16	0.3*	16	0.3*	11	0.2*	23	0.4	11	0.2*
35-44	14	0.3*	7	0.1*	6	0.1*	9	0.2*	8	0.2*	8	0.2*	16	0.3*	9	0.2*	6	0.1*
45-54	4	0.1*	6	0.1*	5	0.1*	5	0.1*	12	0.2*	8	0.2*	9	0.2*	7	0.1*	5	0.1*
55-64	3	0.1*	4	0.1*	3	0.1*	1	0.0*	6	0.1*	7	0.1*	4	0.1*	5	0.1*	3	0.1*
65+	2	0.0*	3	0.1*	4	0.1*	2	0.0*	1	0.0*	5	0.1*	4	0.1*	3	0.0*	2	0.0*
UNKNOWN	1	-	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.

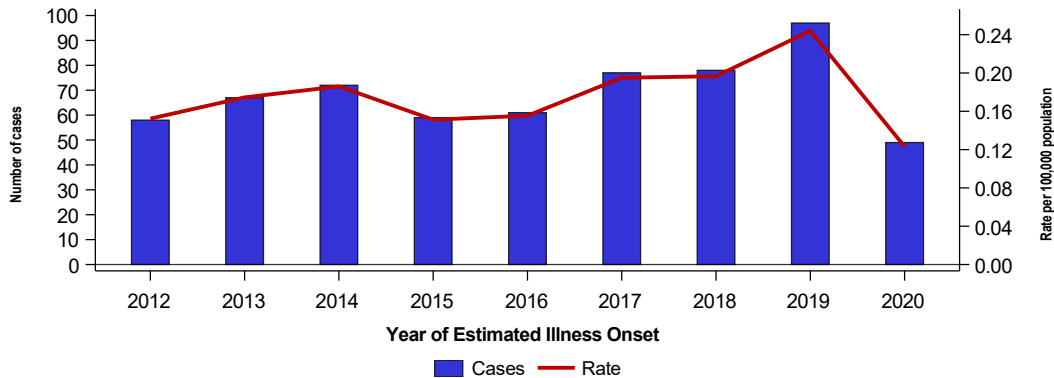
*Potentially unreliable rate: relative standard error 23 percent or more.

Typhoid Fever, Cases by Race/Ethnicity, California, 2012-2020

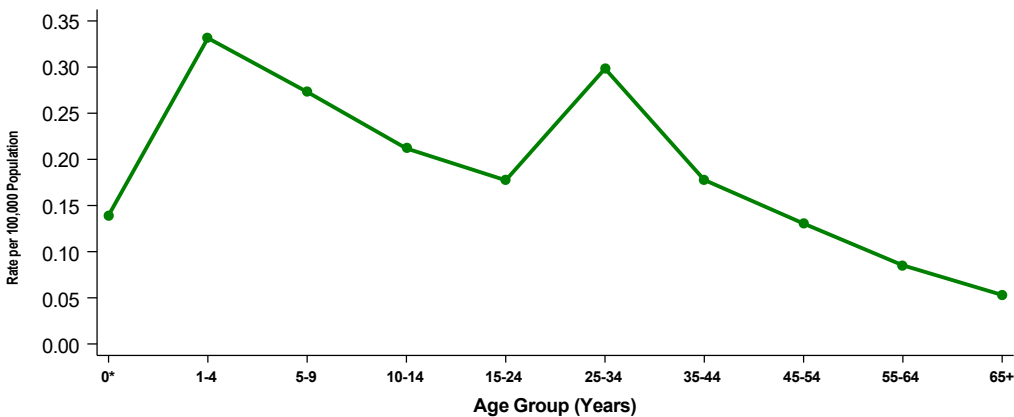
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	58	67	72	59	61	77	78	97	49	
WHITE, NON-HISPANIC	3	2	3	3	3	6	3	6	2	
HISPANIC/LATINO	7	7	11	11	9	6	11	30	11	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	46	51	49	40	39	49	47	43	26	
BLACK, NON-HISPANIC	1	1	0	0	2	0	1	1	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	0	1	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	2	1	4	2	1	1	
OTHER, NON-HISPANIC	0	1	5	1	5	4	10	9	6	
UNKNOWN	1	5	4	2	1	8	4	7	3	

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

Typhoid Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020

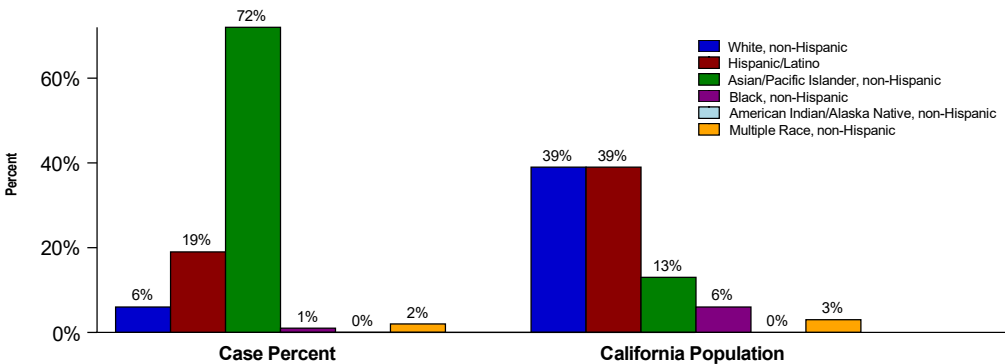


Typhoid Fever Average Incidence Rates by Age Group, California, 2012-2020



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

Typhoid Fever Cases and Population by Race/Ethnicity, California, 2012-2020



5.7% (n=35) of reported incidents of Typhoid Fever did not identify race/ethnicity and 6.6% (n=41) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	78	0.2	108	0.3	68	0.2	81	0.2	95	0.2	98	0.2	163	0.4	139	0.3	108	0.3
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	-	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*	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	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	-	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	-	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	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	48	0.5	72	0.7	50	0.5	63	0.6	76	0.7	83	0.8	142	1.4	114	1.1	87	0.9
LOS ANGELES	46	0.5	63	0.7	41	0.4	51	0.5	45	0.5	65	0.7	104	1.1	93	1.0	75	0.8
LONG BEACH	2	0.4*	6	1.3*	5	1.1*	7	1.5*	18	3.8*	10	2.1*	19	4.0	15	3.2*	11	2.3*
PASADENA	0	-	3	2.1*	4	2.8*	5	3.5*	13	9.1*	8	5.6*	19	13.1	6	4.1*	1	0.7*
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	1	0.4*	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	28	0.9	33	1.1	16	0.5*	15	0.5*	17	0.5*	11	0.3*	18	0.6*	18	0.6*	14	0.4*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	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	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	3	0.1*
SAN DIEGO	0	-	0	-	0	-	1	0.0*	0	-	2	0.1*	1	0.0*	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	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	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SANTA CLARA	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	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	-	1	0.1*	0	-	0	-	0	-	0	-	2	0.2*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	78	108	68	81	95	98	163	139	108	
JANUARY	5	7	3	6	2	2	3	6	8	
FEBRUARY	1	3	4	2	4	4	5	4	1	
MARCH	0	0	5	4	1	2	2	6	2	
APRIL	2	0	5	5	2	4	9	3	4	
MAY	15	10	8	8	4	16	14	9	4	
JUNE	9	13	6	16	13	11	15	20	7	
JULY	10	13	5	11	14	11	27	16	13	
AUGUST	9	18	12	10	12	13	24	23	12	
SEPTEMBER	14	13	6	4	15	7	21	12	19	
OCTOBER	5	16	5	9	10	12	18	15	15	
NOVEMBER	5	9	4	5	9	5	14	18	15	
DECEMBER	3	6	5	1	9	11	11	7	8	

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

Typhus Fever, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	78	0.2	108	0.3	68	0.2	81	0.2	95	0.2	98	0.2	163	0.4	139	0.3	108	0.3
FEMALE	37	0.2	46	0.2	33	0.2	33	0.2	43	0.2	45	0.2	62	0.3	54	0.3	50	0.3
MALE	41	0.2	62	0.3	35	0.2	48	0.2	52	0.3	53	0.3	101	0.5	85	0.4	58	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.

Typhus Fever, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	78	0.2	108	0.3	68	0.2	81	0.2	95	0.2	98	0.2	163	0.4	139	0.3	108	0.3
0	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	3	0.7*	0	-
1-4	0	-	2	0.1*	1	0.0*	1	0.0*	1	0.1*	2	0.1*	2	0.1*	0	-	3	0.2*
5-9	5	0.2*	0	-	1	0.0*	1	0.0*	5	0.2*	4	0.2*	7	0.3*	3	0.1*	5	0.2*
10-14	5	0.2*	5	0.2*	1	0.0*	3	0.1*	6	0.2*	4	0.2*	8	0.3*	5	0.2*	9	0.3*
15-24	10	0.2*	12	0.2*	12	0.2*	6	0.1*	13	0.2*	16	0.3*	14	0.2*	22	0.4	5	0.1*
25-34	10	0.2*	12	0.2*	6	0.1*	9	0.2*	14	0.3*	13	0.2*	25	0.5	15	0.3*	16	0.3*
35-44	20	0.4	17	0.3*	12	0.2*	19	0.4	19	0.4	14	0.3*	25	0.5	22	0.4	22	0.4
45-54	15	0.3*	23	0.4	13	0.2*	20	0.4	14	0.3*	21	0.4	35	0.7	20	0.4	19	0.4
55-64	5	0.1*	23	0.5	10	0.2*	13	0.3*	10	0.2*	15	0.3*	22	0.4	32	0.7	13	0.3*
65+	8	0.2*	13	0.3*	12	0.2*	6	0.1*	13	0.2*	9	0.2*	25	0.4	16	0.3*	15	0.2*
UNKNOWN	0	-	0	-	0	-	3	-	0	-	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.

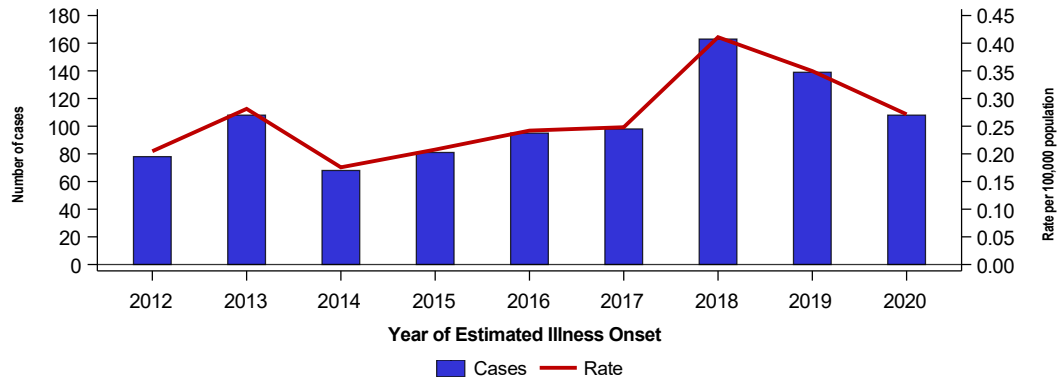
*Potentially unreliable rate: relative standard error 23 percent or more.

Typhus Fever, Cases by Race/Ethnicity, California, 2012-2020

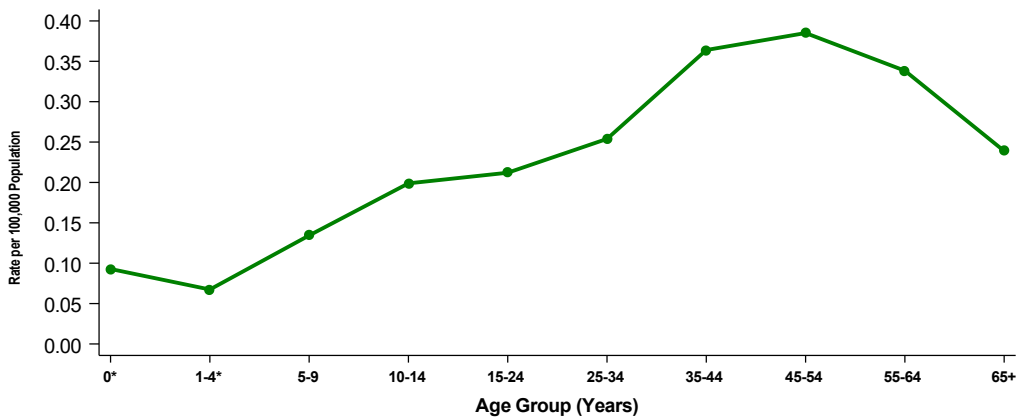
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	78	108	68	81	95	98	163	139	108	
WHITE, NON-HISPANIC	39	58	23	35	39	36	73	43	39	
HISPANIC/LATINO	19	27	24	27	28	41	53	64	49	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	2	6	7	3	6	6	11	11	4	
BLACK, NON-HISPANIC	2	4	1	5	3	2	6	7	5	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	2	0	0	0	0	0	1	2	0	
MULTIPLE RACE, NON-HISPANIC	0	0	0	0	0	0	0	1	0	
OTHER, NON-HISPANIC	1	1	1	2	6	3	5	2	3	
UNKNOWN	13	12	12	9	13	10	14	9	8	

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

Typhus Fever Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020

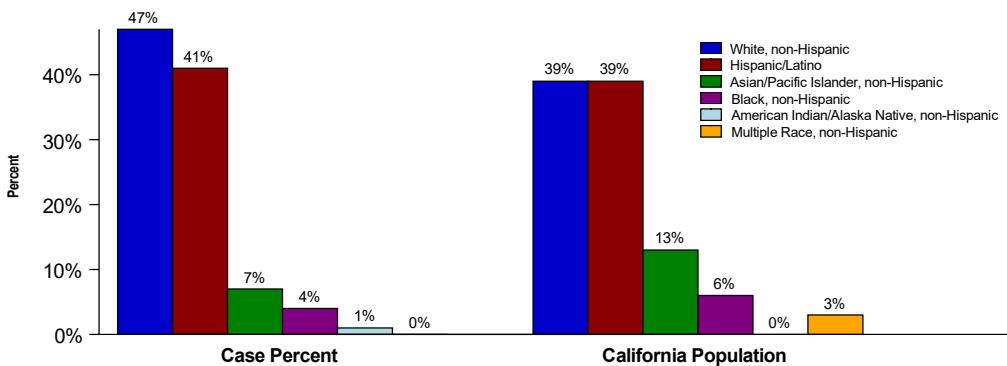


Typhus Fever Average Incidence Rates by Age Group, California, 2012-2020



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

Typhus Fever Cases and Population by Race/Ethnicity, California, 2012-2020



10.7% (n=100) of reported incidents of Typhus Fever did not identify race/ethnicity and 2.6% (n=24) 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.

Yellow Fever

No cases of Yellow Fever were reported to CDPH with illness onset during 2012-2020

Yersiniosis

Yersiniosis, Cases and Rates by Health Jurisdiction, California, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	84	0.2	78	0.2	72	0.2	126	0.3	202	0.5	275	0.7	283	0.7	333	0.8	245	0.6
ALAMEDA COUNTY TOTAL	3	0.2*	8	0.5*	6	0.4*	7	0.4*	7	0.4*	8	0.5*	6	0.4*	5	0.3*	7	0.4*
ALAMEDA	3	0.2*	8	0.6*	6	0.4*	7	0.5*	6	0.4*	7	0.5*	6	0.4*	5	0.3*	7	0.5*
BERKELEY	0	-	0	-	0	-	0	-	1	0.8*	1	0.8*	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	1	2.7*	0	-	0	-	0	-
BUTTE	2	0.9*	0	-	2	0.9*	1	0.4*	0	-	0	-	0	-	1	0.5*	0	-
CALAVERAS	1	2.2*	0	-	0	-	1	2.2*	1	2.2*	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	3	0.3*	2	0.2*	0	-	1	0.1*	0	-	1	0.1*	5	0.4*	6	0.5*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	4	2.1*
FRESNO	3	0.3*	0	-	2	0.2*	7	0.7*	11	1.1*	8	0.8*	9	0.9*	3	0.3*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	2	1.5*	0	-
IMPERIAL	0	-	2	1.1*	1	0.5*	0	-	0	-	0	-	0	-	5	2.6*	5	2.7*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	2	0.2*	0	-	1	0.1*	10	1.1*	6	0.7*	8	0.9*
KINGS	0	-	0	-	0	-	0	-	1	0.7*	0	-	1	0.7*	0	-	1	0.6*
LAKE	0	-	0	-	0	-	0	-	4	6.2*	1	1.5*	2	3.1*	2	3.1*	2	3.1*
LASSEN	0	-	0	-	0	-	0	-	1	3.4*	0	-	0	-	1	3.5*	1	3.5*
LOS ANGELES COUNTY TOTAL	15	0.2*	6	0.1*	7	0.1*	20	0.2	44	0.4	70	0.7	89	0.9	64	0.6	33	0.3
LOS ANGELES	14	0.1*	5	0.1*	3	0.0*	19	0.2	39	0.4	65	0.7	82	0.9	59	0.6	32	0.3
LONG BEACH	1	0.2*	0	-	3	0.6*	1	0.2*	4	0.8*	5	1.1*	7	1.5*	5	1.1*	1	0.2*
PASADENA	0	-	1	0.7*	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.6*	0	-	1	0.6*	0	-	0	-
MARIN	0	-	1	0.4*	1	0.4*	1	0.4*	3	1.1*	3	1.1*	4	1.5*	2	0.8*	3	1.2*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	1	1.1*	1	1.1*	0	-	2	2.3*	3	3.4*
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	3	1.1*	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	-	1	0.2*	2	0.5*	2	0.5*	2	0.5*	10	2.3*	5	1.1*
NAPA	0	-	0	-	1	0.7*	0	-	1	0.7*	4	2.8*	0	-	2	1.4*	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-
ORANGE	20	0.6	9	0.3*	3	0.1*	14	0.4*	22	0.7	15	0.5*	11	0.3*	35	1.1	25	0.8
PLACER	0	-	1	0.3*	0	-	1	0.3*	0	-	0	-	0	-	1	0.3*	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.4*	0	-
RIVERSIDE	9	0.4*	7	0.3*	3	0.1*	7	0.3*	8	0.3*	9	0.4*	9	0.4*	15	0.6*	8	0.3*
SACRAMENTO	5	0.3*	2	0.1*	1	0.1*	5	0.3*	6	0.4*	1	0.1*	2	0.1*	14	0.9*	7	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	4	6.6*	3	4.8*	0	-
SAN BERNARDINO	1	0.0*	2	0.1*	3	0.1*	1	0.0*	3	0.1*	2	0.1*	9	0.4*	3	0.1*	3	0.1*
SAN DIEGO	4	0.1*	7	0.2*	13	0.4*	12	0.4*	14	0.4*	61	1.8	32	1.0	53	1.6	29	0.9
SAN FRANCISCO	0	-	4	0.5*	4	0.5*	6	0.7*	4	0.5*	10	1.1*	4	0.4*	7	0.8*	6	0.7*
SAN JOAQUIN	6	0.9*	8	1.1*	2	0.3*	2	0.3*	0	-	1	0.1*	2	0.3*	1	0.1*	2	0.3*
SAN LUIS OBISPO	3	1.1*	1	0.4*	1	0.4*	2	0.7*	1	0.4*	4	1.4*	3	1.1*	5	1.8*	1	0.4*
SAN MATEO	1	0.1*	3	0.4*	4	0.5*	6	0.8*	3	0.4*	15	1.9*	11	1.4*	11	1.4*	10	1.3*
SANTA BARBARA	0	-	2	0.5*	0	-	5	1.1*	15	3.4*	6	1.3*	9	2.0*	6	1.3*	7	1.6*
SANTA CLARA	1	0.1*	6	0.3*	4	0.2*	4	0.2*	19	1.0	22	1.1	28	1.4	25	1.3	34	1.7
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-	2	0.7*	2	0.7*	0	-
SHASTA	1	0.6*	0	-	0	-	0	-	2	1.1*	3	1.7*	2	1.1*	1	0.6*	2	1.1*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	2	4.5*	0	-	0	-	1	2.3*	1	2.3*	0	-	0	-
SOLANO	0	-	0	-	0	-	2	0.5*	1	0.2*	0	-	0	-	2	0.5*	5	1.1*
SONOMA	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*
STANISLAUS	1	0.2*	2	0.4*	0	-	0	-	3	0.6*	1	0.2*	2	0.4*	0	-	2	0.4*
SUTTER	0	-	0	-	0	-	2	2.1*	1	1.0*	0	-	0	-	1	1.0*	0	-
TEHAMA	0	-	0	-	0	-	2	3.2*	1	1.6*	0	-	0	-	0	-	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	1	0.2*	0	-	1	0.2*	3	0.6*	5	1.1*	5	1.0*	7	1.5*
TUOLUMNE	0	-	0	-	0	-	1	1.9*	0	-	0	-	0	-	0	-	0	-
VENTURA	3	0.4*	1	0.1*	5	0.6*	11	1.3*	17	2.0*	21	2.5	19	2.2	23	2.7	10	1.2*
YOLO	0	-	1	0.5*	2	1.0*	1	0.5*	0	-	0	-	0	-	3	1.4*	5	2.3*
YUBA	0	-	0	-	0	-	1	1.3*	0	-	0	-	0	-	2	2.6*	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, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	84	78	72	126	202	275	283	333	245	
JANUARY	9	13	4	10	19	20	21	25	33	
FEBRUARY	8	7	5	5	12	15	24	20	18	
MARCH	8	4	9	8	16	22	21	24	29	
APRIL	6	9	8	13	15	27	24	35	17	
MAY	11	5	7	8	10	19	29	31	15	
JUNE	5	4	6	11	14	27	20	30	14	
JULY	9	3	3	10	28	21	27	35	24	
AUGUST	7	6	5	9	19	31	21	37	28	
SEPTEMBER	6	6	7	11	14	25	21	22	21	
OCTOBER	4	8	4	14	21	21	28	25	17	
NOVEMBER	7	8	8	10	18	24	20	29	21	
DECEMBER	4	5	6	17	16	23	27	20	8	

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

Yersiniosis, Cases and Rates by Sex, California, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	84	0.2	78	0.2	72	0.2	126	0.3	202	0.5	275	0.7	283	0.7	333	0.8	245	0.6
FEMALE	36	0.2	44	0.2	34	0.2	73	0.4	112	0.6	142	0.7	148	0.7	153	0.8	129	0.6
MALE	48	0.3	31	0.2	36	0.2	53	0.3	90	0.5	131	0.7	134	0.7	179	0.9	114	0.6
UNKNOWN	0	-	3	-	2	-	0	-	0	-	2	-	1	-	1	-	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.

Yersiniosis, Cases and Rates by Age Group, California, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	84	0.2	78	0.2	72	0.2	126	0.3	202	0.5	275	0.7	283	0.7	333	0.8	245	0.6
0	3	0.6*	7	1.4*	7	1.4*	6	1.2*	12	2.5*	4	0.8*	6	1.3*	11	2.5*	11	2.5*
1-4	12	0.6*	8	0.4*	9	0.4*	10	0.5*	26	1.3	15	0.8*	21	1.1	15	0.8*	15	0.8*
5-9	7	0.3*	3	0.1*	4	0.2*	9	0.3*	5	0.2*	10	0.4*	10	0.4*	11	0.4*	4	0.2*
10-14	4	0.2*	7	0.3*	2	0.1*	3	0.1*	6	0.2*	8	0.3*	14	0.5*	12	0.5*	3	0.1*
15-24	10	0.2*	9	0.2*	4	0.1*	8	0.1*	15	0.3*	29	0.5	19	0.3	27	0.5	17	0.3*
25-34	5	0.1*	1	0.0*	10	0.2*	11	0.2*	11	0.2*	33	0.6	27	0.5	31	0.6	26	0.5
35-44	5	0.1*	9	0.2*	6	0.1*	8	0.2*	15	0.3*	29	0.6	24	0.5	30	0.6	17	0.3*
45-54	9	0.2*	11	0.2*	7	0.1*	20	0.4	20	0.4	28	0.5	32	0.6	38	0.7	28	0.6
55-64	10	0.2*	9	0.2*	8	0.2*	22	0.5	26	0.5	40	0.8	45	0.9	53	1.1	30	0.6
65+	18	0.4*	14	0.3*	15	0.3*	29	0.6	66	1.2	79	1.4	85	1.5	104	1.7	94	1.5
UNKNOWN	1	-	0	-	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.

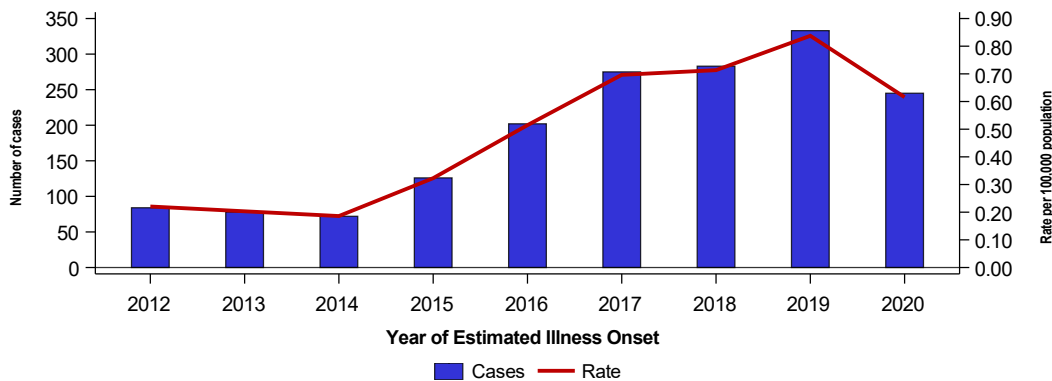
*Potentially unreliable rate: relative standard error 23 percent or more.

Yersiniosis, Cases by Race/Ethnicity, California, 2012-2020

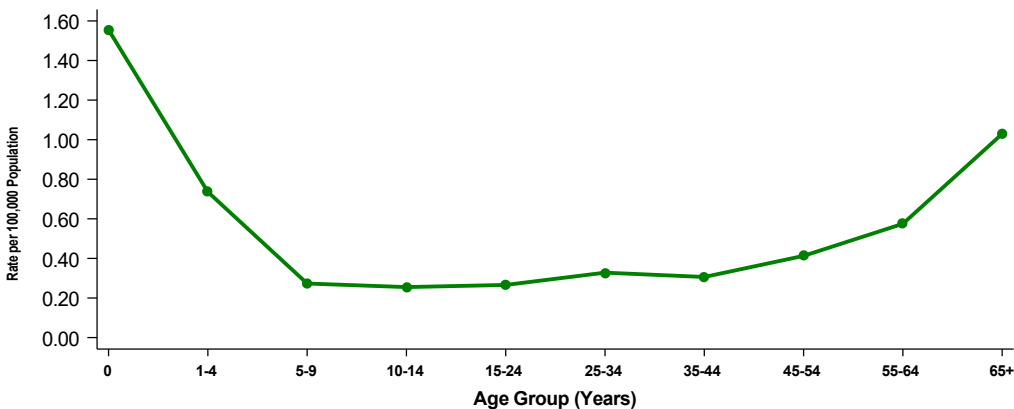
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	84	78	72	126	202	275	283	333	245	
WHITE, NON-HISPANIC	27	21	20	59	76	100	112	114	102	
HISPANIC/LATINO	19	15	14	17	39	38	49	35	29	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	8	9	9	12	24	29	28	35	22	
BLACK, NON-HISPANIC	2	5	2	4	6	8	13	9	8	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	0	0	0	1	0	0	0	1	0	
MULTIPLE RACE, NON-HISPANIC	0	0	1	0	3	2	3	0	3	
OTHER, NON-HISPANIC	1	0	1	1	2	5	10	19	9	
UNKNOWN	27	28	25	32	52	93	68	120	72	

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

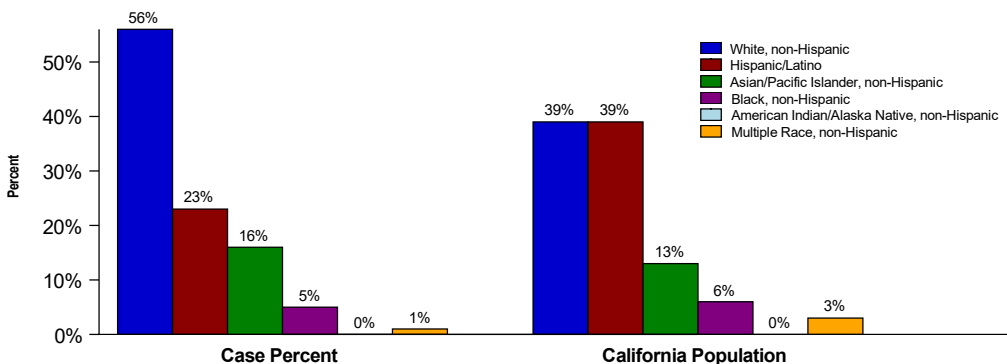
Yersiniosis Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2012-2020



Yersiniosis Average Incidence Rates by Age Group, California, 2012-2020



Yersiniosis Cases and Population by Race/Ethnicity, California, 2012-2020



30.4% (n=517) of reported incidents of Yersiniosis did not identify race/ethnicity and 2.8% (n=48) 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, 2012-2020

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																		
	2012		2013		2014		2015		2016		2017		2018		2019		2020		
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	
CALIFORNIA TOTAL	-	-	-	-	-	-	-	-	427	0.3	125	0.3	67	0.2	41	0.1	8	0.0*	
ALAMEDA COUNTY TOTAL	-	-	-	-	-	-	-	-	30	0.6*	10	0.6*	7	0.4*	2	0.1*	1	0.1*	
ALAMEDA	-	-	-	-	-	-	-	-	27	0.5*	7	0.5*	5	0.3*	2	0.1*	1	0.1*	
BERKELEY	-	-	-	-	-	-	-	-	3	2.5*	3	2.5*	2	1.6*	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	-	-	-	-	-	-	-	-	2	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	-	-	-	-	-	-	-	-	22	4	0.4*	2	0.2*	3	0.3*	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	-	-	-	-	-	-	-	-	7	1	0.1*	0	0	0	0	0	0	0	
GLENN	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	
HUMBOLDT	-	-	-	-	-	-	-	-	2	0	0	0	0	0	0	0	0	0	
IMPERIAL	-	-	-	-	-	-	-	-	0	1	0.5*	0	0	0	0	0	0	0	
INYO	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
KERN	-	-	-	-	-	-	-	-	5	1	0.1*	0	0	0	0	0	0	0	
KINGS	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
LAKE	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
LASSEN	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	
LOS ANGELES COUNTY TOTAL	-	-	-	-	-	-	-	-	92	22	0.2	17	0.2*	7	0.1*	2	0.0*	2	0.0*
LOS ANGELES	-	-	-	-	-	-	-	-	85	21	0.2	13	0.1*	7	0.1*	2	0.0*	2	0.0*
LONG BEACH	-	-	-	-	-	-	-	-	6	1	0.2*	3	0.6*	0	-	0	-	0	-
PASADENA	-	-	-	-	-	-	-	-	1	0	0	1	0.7*	0	-	0	-	0	-
MADERA	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	
MARIN	-	-	-	-	-	-	-	-	7	1	0.4*	1	0.4*	0	-	0	-	0	-
MARIPOSA	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	
MENDOCINO	-	-	-	-	-	-	-	-	0	1	1.1*	0	0	0	0	0	0	0	
MERCED	-	-	-	-	-	-	-	-	1	1	0.4*	1	0.4*	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	-	-	-	-	-	-	-	-	5	1	0.2*	0	0	0	0	0	0	0	
NAPA	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
NEVADA	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
ORANGE	-	-	-	-	-	-	-	-	24	11	0.3*	4	0.1*	5	0.2*	1	0.0*	1	0.0*
PLACER	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
PLUMAS	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	
RIVERSIDE	-	-	-	-	-	-	-	-	11	4	0.2*	1	0.0*	2	0.1*	0	-	0	-
SACRAMENTO	-	-	-	-	-	-	-	-	8	0	0	1	0.1*	1	0.1*	0	-	0	-
SAN BENITO	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
SAN BERNARDINO	-	-	-	-	-	-	-	-	15	7	0.3*	0	0	3	0.1*	3	0.1*	3	0.1*
SAN DIEGO	-	-	-	-	-	-	-	-	69	20	0.6	8	0.2*	7	0.2*	0	-	0	-
SAN FRANCISCO	-	-	-	-	-	-	-	-	25	9	1.0*	10	1.1*	3	0.3*	1	0.1*	1	0.1*
SAN JOAQUIN	-	-	-	-	-	-	-	-	5	1	0.1*	0	0	0	0	0	0	0	
SAN LUIS OBISPO	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	
SAN MATEO	-	-	-	-	-	-	-	-	9	3	0.4*	5	0.6*	2	0.3*	0	-	0	-
SANTA BARBARA	-	-	-	-	-	-	-	-	8	2	0.4*	1	0.2*	0	-	0	-	0	-
SANTA CLARA	-	-	-	-	-	-	-	-	34	13	0.7*	7	0.4*	3	0.2*	0	-	0	-
SANTA CRUZ	-	-	-	-	-	-	-	-	3	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	-	-	-	-	-	-	-	-	2	2	0.5*	0	0	1	0.2*	0	-	0	-
SONOMA	-	-	-	-	-	-	-	-	10	7	1.4*	1	0.2*	1	0.2*	0	-	0	-
STANISLAUS	-	-	-	-	-	-	-	-	3	0	0	0	0	0	0	0	0	0	
SUTTER	-	-	-	-	-	-	-	-	1	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	-	-	-	-	-	-	-	-	4	2	0.4*	0	0	0	0	0	0	0	
TUOLUMNE	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	
VENTURA	-	-	-	-	-	-	-	-	9	0	0	0	0	1	0.1*	0	-	0	-
YOLO	-	-	-	-	-	-	-	-	4	1	0.5*	1	0.5*	0	-	0	-	0	-
YUBA	-	-	-	-	-	-	-	-	2	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: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection

Zika Virus Infection, Cases by Month of Estimated Illness Onset, California, 2012-2020

MONTH	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	-	-	-	-	427	125	67	41	8	
JANUARY	-	-	-	-	0	17	7	2	0	
FEBRUARY	-	-	-	-	0	8	6	9	3	
MARCH	-	-	-	-	0	9	3	3	0	
APRIL	-	-	-	-	0	10	4	5	0	
MAY	-	-	-	-	0	18	7	3	0	
JUNE	-	-	-	-	34	9	4	2	1	
JULY	-	-	-	-	113	10	5	4	0	
AUGUST	-	-	-	-	117	10	6	5	1	
SEPTEMBER	-	-	-	-	47	8	4	4	0	
OCTOBER	-	-	-	-	47	12	12	4	3	
NOVEMBER	-	-	-	-	39	11	3	0	0	
DECEMBER	-	-	-	-	30	3	6	0	0	

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, 2012-2020

SEX	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	-	-	-	-	427	-	125	0.3	67	0.2	41	0.1	8	0.0*
FEMALE	-	-	-	-	-	-	-	-	277	-	97	0.5	55	0.3	34	0.2	7	0.0*
MALE	-	-	-	-	-	-	-	-	150	-	28	0.1	12	0.1*	7	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, 2012-2020

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																	
	2012		2013		2014		2015		2016		2017		2018		2019		2020	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	-	-	-	-	-	-	-	-	427	-	125	0.3	67	0.2	41	0.1	8	0.0*
0	-	-	-	-	-	-	-	-	3	-	10	2.1*	3	0.7*	0	-	0	-
1-4	-	-	-	-	-	-	-	-	1	-	1	0.1*	0	-	0	-	0	-
5-9	-	-	-	-	-	-	-	-	6	-	1	0.0*	0	-	0	-	0	-
10-14	-	-	-	-	-	-	-	-	12	-	0	-	0	-	1	0.0*	0	-
15-24	-	-	-	-	-	-	-	-	74	-	26	0.4	12	0.2*	10	0.2*	0	-
25-34	-	-	-	-	-	-	-	-	98	-	47	0.9	28	0.5	17	0.3*	4	0.1*
35-44	-	-	-	-	-	-	-	-	96	-	23	0.4	16	0.3*	9	0.2*	4	0.1*
45-54	-	-	-	-	-	-	-	-	73	-	9	0.2*	3	0.1*	2	0.0*	0	-
55-64	-	-	-	-	-	-	-	-	37	-	4	0.1*	0	-	1	0.0*	0	-
65+	-	-	-	-	-	-	-	-	24	-	4	0.1*	5	0.1*	1	0.0*	0	-
UNKNOWN	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-

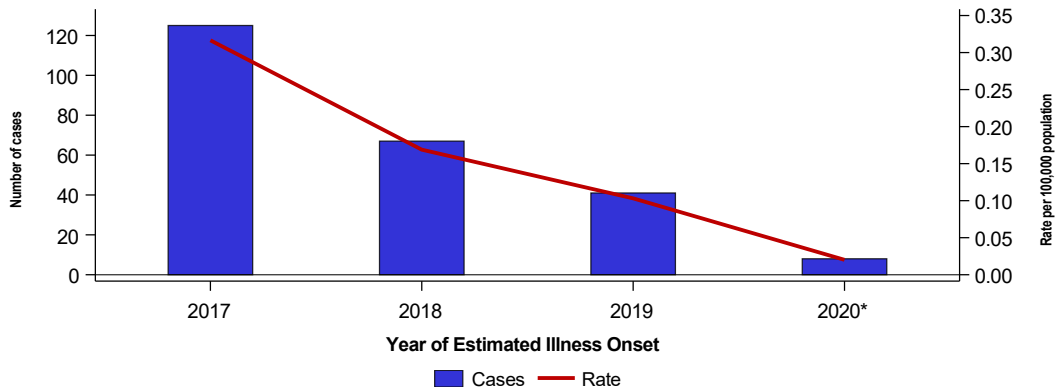
Rates are expressed as cases per 100,000 age group population per year.
 For inclusion/exclusion criteria, please refer to the Technical Notes.
 *Potentially unreliable rate: relative standard error 23 percent or more.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection, Cases by Race/Ethnicity, California, 2012-2020

RACE ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	
TOTAL	-	-	-	-	427	125	67	41	8	
WHITE, NON-HISPANIC	-	-	-	-	82	16	3	0	0	
HISPANIC/LATINO	-	-	-	-	195	54	18	8	1	
ASIAN/PACIFIC ISLANDER, NON-HISPANIC	-	-	-	-	21	16	14	10	1	
BLACK, NON-HISPANIC	-	-	-	-	6	1	0	0	0	
AMERICAN INDIAN/ALASKA NATIVE, NON-HISPANIC	-	-	-	-	1	0	0	0	0	
MULTIPLE RACE, NON-HISPANIC	-	-	-	-	3	0	1	0	0	
OTHER, NON-HISPANIC	-	-	-	-	4	4	4	0	2	
UNKNOWN	-	-	-	-	115	34	27	23	4	

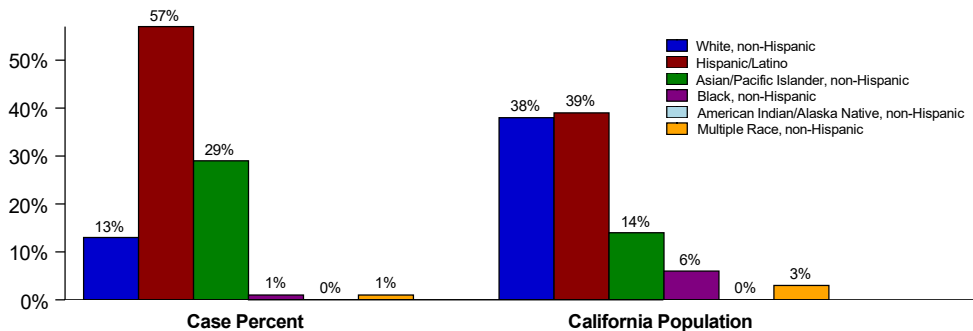
For inclusion/exclusion criteria, please refer to the Technical Notes.
 Note: Required reporting of Zika Virus Infection began June 1, 2016.

Zika Virus Infection Cases and Incidence Rates by Year of Estimated Illness Onset, California, 2017-2020



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

Zika Virus Infection Cases and Population by Race/Ethnicity, California, 2017-2020



36.5% (n=88) of reported incidents of Zika Virus Infection did not identify race/ethnicity and 4.1% (n=10) 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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