

**YEARLY SUMMARIES OF SELECTED GENERAL
COMMUNICABLE DISEASES IN CALIFORNIA, 2011–2015**

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CALIFORNIA DEPARTMENT OF PUBLIC HEALTH**



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Table of Contents

Acknowledgements	3
Technical Notes	4
Amebiasis	7
Anaplasmosis and Ehrlichiosis	10
Anthrax	13
Babesiosis	14
Botulism, Foodborne.....	17
Botulism, Other	20
Botulism, Wound.....	22
Brucellosis	25
Campylobacteriosis	28
Cholera	31
Ciguatera Fish Poisoning.....	33
Coccidioidomycosis	36
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies.	39
Cryptosporidiosis	42
Cyclosporiasis	45
Cysticercosis or Taeniasis	48
Dengue	51
Domoic Acid Poisoning	54
E. coli O157	55
E. coli Other STEC (non-O157)	58
Giardiasis.....	61
Hantavirus Infection	64
Hemolytic Uremic Syndrome	67
Legionellosis	70
Leprosy (Hansen’s Disease).....	73
Leptospirosis	76

YEARLY SUMMARIES OF SELECTED GENERAL COMMUNICABLE DISEASES IN CALIFORNIA, 2011–2015

Listeriosis.....	79
Lyme Disease	82
Malaria	85
Paralytic Shellfish Poisoning.....	88
Plague, human	90
Psittacosis	92
Q Fever.....	95
Rabies, animal.....	98
Rabies, human.....	101
Relapsing Fever.....	103
Salmonellosis	106
Scombroid Fish Poisoning	109
Shiga Toxin Positive Feces (without culture confirmation).....	112
Shigellosis	115
Spotted Fever Rickettsiosis	118
Staphylococcus aureus Infection (cases resulting in death or ICU).....	121
Streptococcal Infection (cases in food and dairy workers).....	124
Toxic Shock Syndrome (Non-Streptococcal).....	127
Trichinosis	130
Tularemia.....	133
Typhoid Fever.....	136
Typhus Fever.....	139
Vibrio Infection (non-Cholera).....	142
Yersiniosis	145

Acknowledgements

We thank the California health care providers including the clinicians, infection control practitioners, hospital administrators, and laboratorians who reported the cases to their local health departments.

We thank the local public health workers including the local health officers, communicable disease controllers, epidemiologists, health data managers, public health nurses, morbidity clerks and support staff for providing these data to the California Department of Public Health (CDPH) and for their daily contributions to communicable disease surveillance.

We thank the current and former CDPH program staff and subject matter experts for their expertise and collaboration and for their contributions to communicable disease surveillance. In particular, we would like to acknowledge: Ryan Beal, MPH, Tamar Boussina, MS, Lisa Butler, Sebastian Luis Chavez, Romana Teodora Dumitras, Kirsten Knutson, MPH, Colleen McLellan, Alyssa Nguyen, BS, Shu Sebesta, and Farzaneh Tabnak, MS, PhD, of the Surveillance and Statistics Section; and Duc J. Vugia, MD, MPH, of the Infectious Diseases Branch.

YEARLY SUMMARY REPORTS OF SELECTED GENERAL COMMUNICABLE DISEASES IN CALIFORNIA, 2011 – 2015: Technical Notes

Background

The California Department of Public Health (CDPH) maintains a mandatory, passive reporting system for a list¹ of communicable disease cases and outbreaks. Health care providers and laboratories are mandated to report cases or suspected cases of these communicable diseases to their local health department (LHD). LHDs are also mandated to report these cases to CDPH.

These Technical Notes describe the definitions, methods, and limitations used to summarize selected communicable diseases reported to CDPH.

The distribution of information on the health of the community is a core function and essential service of public health. The data in the yearly summaries provide important health information on the magnitude and burden of communicable diseases in California. Bearing in mind their limitations, these data can contribute toward identifying high risk groups needing preventive actions and tracking the effectiveness of control and prevention measures.

Materials and methods

Case data sources and inclusion criteria

For the 2011–2015 Yearly Summary Reports of Selected General Communicable Diseases in California, we extracted data on communicable disease cases with an estimated illness onset date from 2011 through 2015 from California Confidential Morbidity Reports that were submitted to CDPH by April 26, 2016 and which met the surveillance case definitions². Because of inherent delays in case reporting and depending on the length of follow-up clinical, laboratory and epidemiologic investigation, cases with eligible illness onset dates may be added or rescinded after the date of this report. Data were quality checked and

duplicate records were removed based on a data matching process. Because coccidioidomycosis and brucellosis may occur as chronic conditions we included only the first report of the condition per person using a probabilistic de-duplication method spanning multiple surveillance reporting years.

CDPH reviewed detailed clinical and laboratory data provided on disease-specific case history forms to determine if surveillance case definitions were met. For diseases not requiring a case history form by regulation, we included cases for which LHDs applied surveillance criteria (amebiasis, campylobacteriosis, ciguatera fish poisoning, coccidioidomycosis, cryptosporidiosis, cyclosporiasis, domoic acid poisoning, giardiasis, paralytic shellfish poisoning, salmonellosis, scombroid fish poisoning, shigellosis, and streptococcal infection (cases in food and dairy workers)).

For cases diagnosed with the following diseases, only those confirmed were included: botulism (foodborne, wound, and other), cholera, ciguatera fish poisoning, coccidioidomycosis, domoic acid poisoning, hantavirus infection, legionellosis, leprosy (Hansen's Disease), listeriosis, plague (human), rabies (animal and human), staphylococcus aureus infection (cases resulting in death or ICU).

For cases diagnosed with the following diseases, only those confirmed and probable were included: amebiasis, anaplasmosis/ehrlichiosis, anthrax, babesiosis, brucellosis, campylobacteriosis, Creutzfeldt-Jakob disease and other transmissible spongiform encephalopathies, cryptosporidiosis, cyclosporiasis, cysticercosis/taeniasis, dengue, E. coli O157, E. coli other STEC (non-O157), giardiasis, hemolytic uremic syndrome, leptospirosis, Lyme disease, malaria,

paralytic shellfish poisoning, psittacosis, Q Fever, relapsing fever, salmonellosis, scombroid fish poisoning, shiga toxin positive feces (without culture confirmation), shigellosis (Groups A, B, C, D, and Unspecified), spotted fever rickettsiosis, streptococcal infection (cases in food and dairy workers), toxic shock syndrome (non-streptococcal), trichinosis, tularemia, typhoid fever, typhus fever, vibrio infection (non-cholera), yellow fever, yersiniosis.

For cases diagnosed with the following diseases, only those closed by the state were included: anthrax, botulism (foodborne, wound, and other), brucellosis, cholera, ciguatera fish poisoning, cysticercosis/taeniasis, dengue, domoic acid poisoning, E. coli O157, E. coli other STEC (non-O157), hantavirus infection, hemolytic uremic syndrome, legionellosis, leptospirosis, Lyme disease, malaria, plague (human), psittacosis, Q fever, rabies (animal and human), relapsing fever, spotted fever rickettsiosis, staphylococcus aureus infection (cases resulting in death or ICU), toxic shock syndrome (non-streptococcal), trichinosis, tularemia, typhoid fever, typhus fever, yellow fever. For cases diagnosed with diseases not listed above, only those closed by the local health jurisdiction were included.

For LHDs with surveillance systems that do not provide resolution and process status, all reported cases were included.

Population data source

For the 2011–2015 Summaries, we used State of California, Department of Finance (DOF) projections, and estimations data⁽³⁻⁴⁾.

For the 2001–2010 trend comparisons, we used State of California, DOF population data⁵.

Definitions

In general, we defined a case as laboratory and/or clinical evidence of infection or disease in a person 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. By California regulation, an animal case was one that was determined, by a person authorized to do so, to have rabies.

We defined the estimated illness onset date for each case as the date closest to the time when symptoms first appeared. Because date of illness onset may not be recorded, the estimated date of illness onset can range from the first appearance of symptoms to the date the report was made to CDPH. For diseases with insidious illness onset (for instance, coccidioidomycosis), estimated illness onset was more frequently drawn from the diagnosis date.

We defined single race/ethnicity categories as follows: Hispanic (of any, including unknown, race); White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander; and American Indian/Alaska Native. Cases with other and unknown race and ethnicity were listed as other/unknown.

We defined a rate as unreliable if the relative standard error was 23 percent or more (a threshold recommended by the National Center for Health Statistics). The formulas used to calculate the relative standard error were:

- Incidence rate (IR) = Number of cases/population x 100,000
- Standard error (SE) = IR/√number of cases
- Relative standard error = SE/IR x 100

Data analyses

We reported case totals and rates per 100,000 population stratified by estimated year of illness onset, age group, and LHD.

A substantial portion of race/ethnicity data were missing, thus rates by race/ethnicity were not calculated. However, for comparison we depicted case totals and California population totals by race/ethnicity.

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 rates:

Tables:

Cases and Rates by Health

Jurisdiction Cases by Month of

Estimated Illness Onset Cases and

Rates by Age Group

Cases by Race/Ethnicity

Figures:

Counts and incidence rates by year of estimated illness onset

Incidence rates by age group and year of estimated illness onset

Cases and population by race/ethnicity

Limitations

Completeness of reporting

The numbers of disease cases in this report are likely to underestimate the true magnitude of disease. Among factors that may contribute to under-reporting are: delays in notification, limited collection or appropriate testing of specimens, health care seeking behavior among ill persons, limited resources and competing priorities in LHDs, and lack of reporting by clinicians and laboratories. Among factors that may contribute to increased reporting are disease severity, the availability of new or less expensive diagnostic tests, changes in the case definition by CDC or CDPH, recent media or public attention, and active surveillance activities.

During the surveillance periods 2011–2015, CDC and CDPH conducted active surveillance in Alameda, Contra Costa, and San Francisco Counties through the California Emerging Infections Program (CEIP). CEIP conducted active laboratory-based surveillance for Salmonella, Shigella, Campylobacter,

Escherichia coli O157, Shiga toxin-producing E. coli (STEC) non-O157, Listeria monocytogenes, Yersinia, Vibrio, Cryptosporidium, and Cyclospora infection and active physician-based surveillance of pediatric hemolytic uremic syndrome (HUS) through a network of nephrologists in the catchment area. Therefore cases of these diseases might be more completely reported in these counties.

From 2011–2015, completeness of race/ethnicity data varied by disease from 0 to 56 percent. Race/ethnicity information based on a high percentage of missing data should be interpreted with caution.

Small numbers and rate variability

All rates, even those based on full population counts, are subject to random error. Random error may be substantial when the number of cases is small (e.g., less than 20) and can make it impossible to distinguish random fluctuations from true changes in the underlying risk of disease. Rates and proportions based on small numbers should be interpreted with caution.

Rate comparisons

Incidence rate comparisons between geographic entities and over time should be done with caution. Because not all LHDs reported age data, the rates in this report are not age-adjusted. Additionally, the limitations previously listed (especially the completeness of reporting and random variability of rates) should be considered when interpreting and comparing incidence rates.

Acknowledgements

We thank California Communicable Disease Controllers and program staff for their continued excellence in communicable disease surveillance, investigation, and control.

We would like to acknowledge the contributions to communicable disease surveillance made by the current and former members of the Infectious Diseases Branch. We thank Duc J Vugia, MD, MPH for his valuable comments.

References

¹[California Code of Regulations, Title 17, Sections 2500 and 2505](#)

http://archive.cdph.ca.gov/HealthInfo/Documents/Reportable_Diseases_Conditions.pdf

²[Centers for Disease Control and Prevention, National Notifiable Diseases Surveillance System](#)

<http://wwwn.cdc.gov/NNDSS/script/CasedefDefault.aspx>

³State of California, Department of Finance, P-3 State and County Total Population Projections by Race/Ethnicity and Detailed Age, 2010–2060. Sacramento, California, July 2014

⁴State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011–2016, with 2010 Benchmark. Sacramento, California, May 2016

⁵State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000–2010. Sacramento, California, September 2012.

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Last updated 6/17/2016

Amebiasis

Amebiasis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	365	1.0	372	1.0	290	0.8	307	0.8	309	0.8
ALAMEDA COUNTY TOTAL	21	1.4	27	1.8	12	0.8*	12	0.8*	65	4.1
ALAMEDA	20	1.4	21	1.5	5	0.3*	11	0.7*	60	4.0
BERKELEY	1	0.9*	6	5.2*	7	6.0*	1	0.9*	5	4.2*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	3	1.4*	0	-	3	1.4*	0	-	2	0.9*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	7	0.7*	6	0.6*	13	1.2*	4	0.4*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	2	0.2*	2	0.2*	0	-	2	0.2*	3	0.3*
GLENN	1	3.5*	0	-	0	-	0	-	2	6.9*
HUMBOLDT	1	0.7*	0	-	0	-	0	-	0	-
IMPERIAL	3	1.7*	2	1.1*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	1	5.2*	0	-
KERN	1	0.1*	2	0.2*	0	-	3	0.3*	2	0.2*
KINGS	0	-	0	-	0	-	1	0.7*	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	2.9*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	94	1.0	111	1.1	79	0.8	73	0.7	64	0.6
LOS ANGELES	90	1.0	105	1.1	76	0.8	68	0.7	59	0.6
LONG BEACH	4	0.9*	5	1.1*	3	0.6*	4	0.8*	5	1.0*
PASADENA	0	-	1	0.7*	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-	2	1.3*	0	-
MARIN	5	2.0*	1	0.4*	2	0.8*	5	1.9*	4	1.5*
MARIPOSA	0	-	0	-	0	-	0	-	1	5.5*
MENDOCINO	1	1.1*	1	1.1*	5	5.6*	4	4.5*	0	-
MERCED	1	0.4*	0	-	1	0.4*	0	-	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	1	0.2*	0	-	4	0.9*	5	1.2*
NAPA	0	-	0	-	2	1.4*	1	0.7*	3	2.1*
NEVADA	2	2.0*	1	1.0*	0	-	0	-	1	1.0*
ORANGE	7	0.2*	15	0.5*	14	0.5*	21	0.7	13	0.4*
PLACER	1	0.3*	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	9	0.4*	15	0.7*	10	0.4*	6	0.3*	7	0.3*
SACRAMENTO	12	0.8*	7	0.5*	7	0.5*	4	0.3*	4	0.3*
SAN BENITO	1	1.8*	1	1.8*	0	-	3	5.2*	0	-
SAN BERNARDINO	0	-	3	0.1*	5	0.2*	4	0.2*	6	0.3*
SAN DIEGO	58	1.9	64	2.0	34	1.1	62	1.9	37	1.1
SAN FRANCISCO	80	9.8	58	7.0	61	7.3	52	6.2	53	6.2
SAN JOAQUIN	9	1.3*	10	1.4*	3	0.4*	1	0.1*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	8	1.1*	5	0.7*	8	1.1*	6	0.8*	4	0.5*
SANTA BARBARA	2	0.5*	1	0.2*	1	0.2*	3	0.7*	2	0.5*
SANTA CLARA	19	1.1	19	1.0	10	0.5*	15	0.8*	5	0.3*
SANTA CRUZ	1	0.4*	0	-	4	1.5*	0	-	2	0.7*
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	5	1.2*	1	0.2*	3	0.7*	5	1.2*
SONOMA	5	1.0*	0	-	4	0.8*	3	0.6*	3	0.6*
STANISLAUS	5	1.0*	5	1.0*	2	0.4*	2	0.4*	3	0.6*
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	3	0.4*	5	0.6*	7	0.8*	8	0.9*	5	0.6*
YOLO	0	-	3	1.5*	1	0.5*	1	0.5*	2	1.0*
YUBA	0	-	0	-	1	1.4*	1	1.3*	1	1.3*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Amebiasis

Amebiasis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	365	372	290	307	309
JANUARY	23	33	23	20	18
FEBRUARY	26	24	21	23	20
MARCH	36	37	27	35	30
APRIL	24	23	30	19	15
MAY	29	26	26	19	27
JUNE	52	34	24	29	25
JULY	41	38	21	39	22
AUGUST	27	34	27	28	32
SEPTEMBER	23	36	27	19	39
OCTOBER	31	32	28	24	32
NOVEMBER	22	28	17	21	28
DECEMBER	31	27	19	31	21

Amebiasis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	365	1.0	372	1.0	290	0.8	307	0.8	309	0.8
0	1	0.2*	1	0.2*	0	-	2	0.4*	0	-
1-4	9	0.4*	8	0.4*	4	0.2*	7	0.4*	9	0.4*
5-9	17	0.7*	15	0.6*	4	0.2*	7	0.3*	13	0.5*
10-14	16	0.6*	13	0.5*	2	0.1*	13	0.5*	15	0.6*
15-24	39	0.7	39	0.7	25	0.4	34	0.6	26	0.5
25-34	58	1.1	75	1.4	59	1.1	64	1.2	62	1.1
35-44	76	1.5	75	1.5	58	1.1	54	1.0	55	1.1
45-54	75	1.4	72	1.4	72	1.4	63	1.2	61	1.2
55-64	35	0.8	39	0.9	37	0.8	34	0.7	34	0.7
65+	37	0.8	35	0.8	27	0.6	27	0.5	33	0.6
UNKNOWN	2	-	0	-	2	-	2	-	1	-

Rates are expressed as cases per 100,000 population.

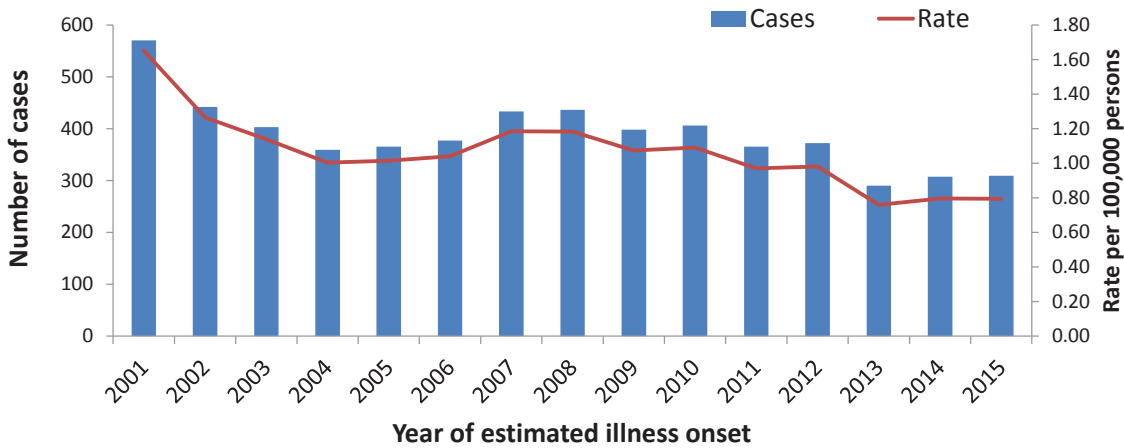
*Potentially unreliable rate, relative standard error 23 percent or more

Amebiasis, Cases by Race/Ethnicity, California, 2011–2015

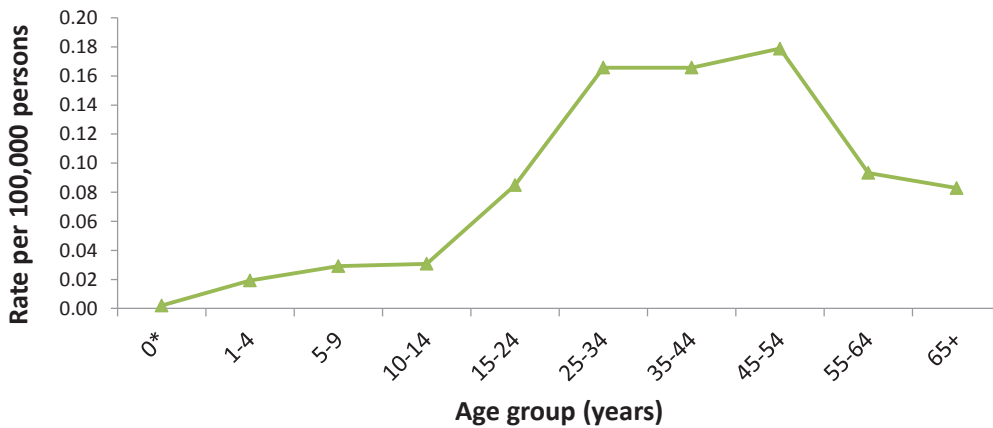
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	365	372	290	307	309
ASIAN/PACIFIC ISLANDER	27	31	12	12	12
BLACK, NOT HISPANIC	22	24	8	13	13
HISPANIC	110	96	66	80	80
AMERICAN INDIAN/ALASKAN NATIVE	1	0	1	0	0
WHITE, NOT HISPANIC	122	122	125	101	104
OTHER OR MULTI-RACE	4	8	6	16	3
UNKNOWN	79	91	72	85	97

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Amebiasis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

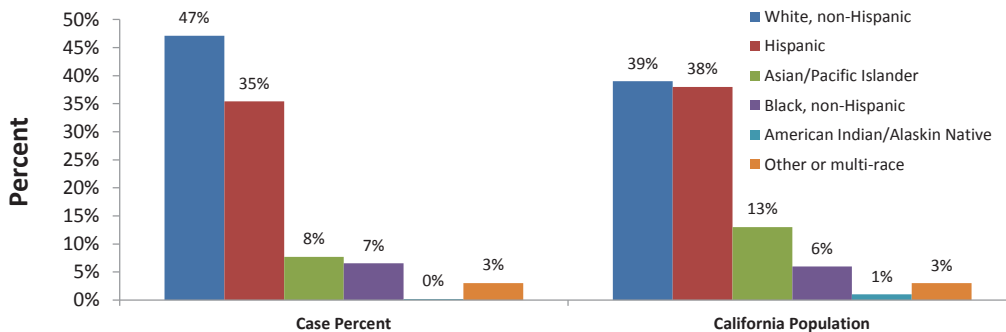


Amebiasis Incidence Rates by Age Group, 2011–2015



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

Amebiasis Cases and Population by Race/Ethnicity, 2011–2015



25.8% of reported incidents of Amebiasis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Anaplasmosis and Ehrlichiosis

Anaplasmosis and Ehrlichiosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	7	0.0*	11	0.0*	6	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	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	-	0	-	1	0.1*	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.7*	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	-	1	0.0*	0	-	0	-	0	-
LOS ANGELES	0	-	1	0.0*	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	1	5.5*	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	-	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	1	0.0*	0	-	0	-
SAN FRANCISCO	0	-	3	0.4*	2	0.2*	1	0.1*	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	1	0.4*
SAN MATEO	0	-	0	-	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	0	-	3	0.7*	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	1	0.1*	0	-
SANTA CRUZ	1	0.4*	0	-	0	-	1	0.4*	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	-	1	0.2*	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	-	1	0.2*	0	-	1	0.2*
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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Anaplasmosis and Ehrlichiosis

Anaplasmosis and Ehrlichiosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	2	7	11	6	4
JANUARY	0	0	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	0	0	0
APRIL	0	0	2	0	0
MAY	0	3	1	1	2
JUNE	2	2	2	1	1
JULY	0	1	4	0	1
AUGUST	0	1	1	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	1	0	0
NOVEMBER	0	0	0	2	0
DECEMBER	0	0	0	2	0

Anaplasmosis and Ehrlichiosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	7	0.0*	11	0.0*	6	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	1	0.0*	0	-	0	-
15-24	0	-	0	-	1	0.0*	1	0.0*	0	-
25-34	0	-	1	0.0*	2	0.0*	1	0.0*	0	-
35-44	0	-	2	0.0*	1	0.0*	1	0.0*	1	0.0*
45-54	1	0.0*	0	-	0	-	2	0.0*	0	-
55-64	1	0.0*	2	0.0*	4	0.1*	0	-	0	-
65+	0	-	2	0.0*	2	0.0*	1	0.0*	3	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

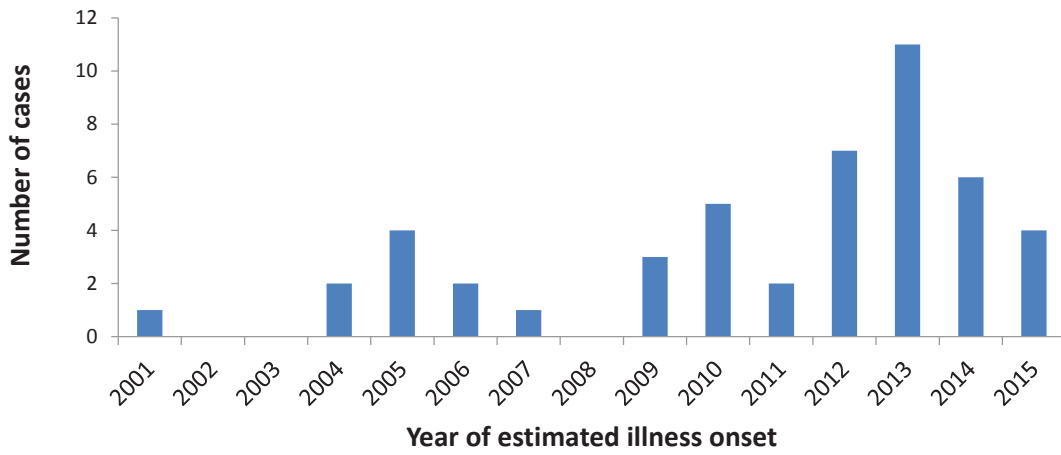
*Potentially unreliable rate, relative standard error 23 percent or more

Anaplasmosis and Ehrlichiosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	2	7	11	6	4
ASIAN/PACIFIC ISLANDER	0	1	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	1	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	2	4	5	1	2
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	2	5	5	2

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Anaplasmosis and Ehrlichiosis counts by year, 2001–2015



Anthrax

No cases of Anthrax were reported to CDPH with illness onset during 2011–2015

Babesiosis

Babesiosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	4	0.0*	3	0.0*	4	0.0*	7	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	2	0.1*
ALAMEDA	1	0.1*	0	-	0	-	0	-	2	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	1	2.7*
BUTTE	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	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	-	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*	1	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	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	0	-	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	1	0.2*	0	-
SANTA CLARA	0	-	0	-	0	-	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	-	1	0.2*	0	-
SONOMA	0	-	2	0.4*	0	-	0	-	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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Babesiosis

Babesiosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	2	4	3	4	7
JANUARY	0	0	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	0	0	0
APRIL	0	1	0	0	0
MAY	0	1	0	0	0
JUNE	0	0	1	0	1
JULY	1	0	2	1	4
AUGUST	0	0	0	1	2
SEPTEMBER	0	1	0	1	0
OCTOBER	1	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	1	0	1	0

Babesiosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	4	0.0*	3	0.0*	4	0.0*	7	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	2	0.0*
35-44	0	-	1	0.0*	0	-	0	-	1	0.0*
45-54	0	-	0	-	0	-	2	0.0*	0	-
55-64	1	0.0*	1	0.0*	0	-	0	-	2	0.0*
65+	0	-	2	0.0*	3	0.1*	2	0.0*	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

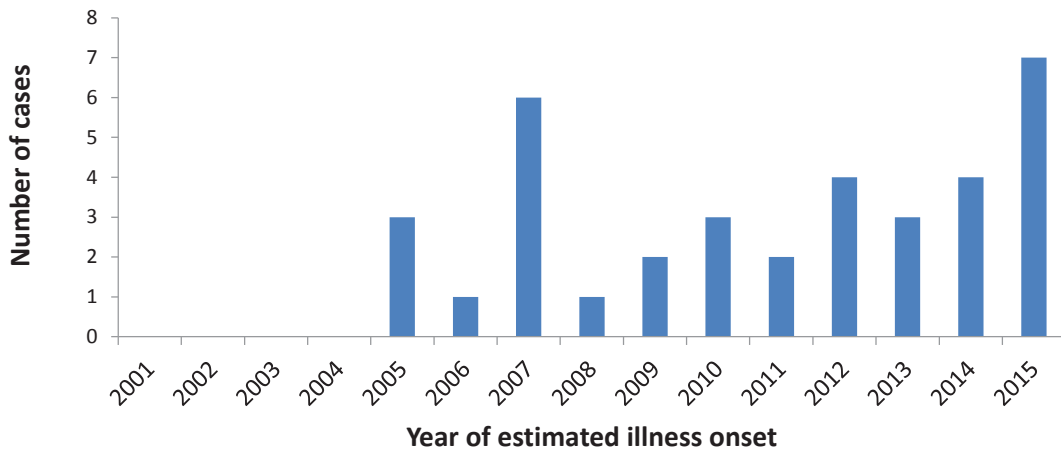
*Potentially unreliable rate, relative standard error 23 percent or more

Babesiosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	2	4	3	4	7
ASIAN/PACIFIC ISLANDER	0	1	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	1	1	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	2	2	1	1	3
OTHER OR MULTI-RACE	0	0	0	0	1
UNKNOWN	0	1	1	2	3

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Babesiosis counts by year, 2001–2015



Botulism, Foodborne

Botulism, Foodborne, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	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	1	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-
LONG BEACH	1	0.2*	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	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	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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*	1	0.2*	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Botulism, Foodborne

Botulism, Foodborne, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	1	0	1
JANUARY	1	0	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	0	0	0
APRIL	0	0	0	0	1
MAY	0	1	0	0	0
JUNE	0	0	0	0	0
JULY	0	0	0	0	0
AUGUST	0	0	0	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	1	0	0
DECEMBER	0	0	0	0	0

Botulism, Foodborne, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	1	0.0*	0	-	0	-
45-54	0	-	1	0.0*	0	-	0	-	0	-
55-64	1	0.0*	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	1	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

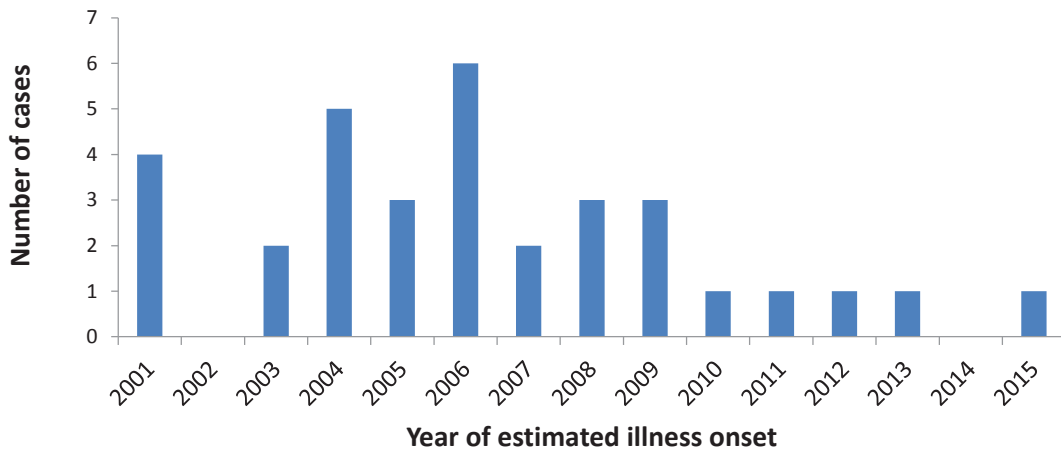
*Potentially unreliable rate, relative standard error 23 percent or more

Botulism, Foodborne, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	1	0	1
ASIAN/PACIFIC ISLANDER	0	0	0	0	1
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	1	1	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	1	0	0	0	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Botulism, Foodborne counts by year, 2001–2015



Botulism, Other

Botulism, Other, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	2	0.0*	0	-	1	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	-	1	2.2*	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	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	-	1	0.7*
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	2	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	2	0.0*	0	-	0	-	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	-	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	-	1	0.0*	0	-
PLACER	0	-	1	0.3*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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	1	0.5*	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Botulism, Other

Botulism, Other, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	3	2	0	1	2
JANUARY	0	0	0	0	0
FEBRUARY	0	1	0	0	0
MARCH	1	0	0	1	1
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	0	0	0	0	0
SEPTEMBER	0	0	0	0	1
OCTOBER	0	0	0	0	0
NOVEMBER	1	0	0	0	0
DECEMBER	0	1	0	0	0

Botulism, Other, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	2	0.0*	0	-	1	0.0*	2	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	1	0.0*
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	1	0.0*
35-44	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-
55-64	1	0.0*	0	-	0	-	1	0.0*	0	-
65+	2	0.0*	2	0.0*	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

Botulism, Other, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	3	2	0	1	2
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	1	0	0	0	1
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	2	2	0	1	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	0	1

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Botulism, Wound

Botulism, Wound, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	7	0.0*	9	0.0*	15	0.0*	11	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	2	0.1*	1	0.1*
ALAMEDA	1	0.1*	0	-	0	-	2	0.1*	1	0.1*
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	0	-	0	-	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	1	0.6*	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	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
LOS ANGELES	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	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	-	1	0.0*	2	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	1	0.0*	0	-	2	0.1*	2	0.1*
SACRAMENTO	0	-	0	-	1	0.1*	2	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	1	0.0*	2	0.1*	0	-
SAN DIEGO	0	-	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	1	0.1*	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	0	-	1	0.1*	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	2	0.5*
SANTA CLARA	0	-	1	0.1*	2	0.1*	0	-	0	-
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	-	0	-	1	0.2*	1	0.2*	0	-
STANISLAUS	0	-	0	-	0	-	1	0.2*	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	4	0.5*	0	-	0	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Botulism, Wound

Botulism, Wound, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	10	7	9	15	11
JANUARY	2	0	2	1	0
FEBRUARY	1	0	0	1	0
MARCH	0	1	1	1	3
APRIL	0	0	1	3	0
MAY	2	0	1	1	1
JUNE	1	0	1	3	1
JULY	1	3	1	2	2
AUGUST	1	0	0	0	2
SEPTEMBER	0	3	0	0	0
OCTOBER	1	0	0	0	0
NOVEMBER	1	0	2	2	2
DECEMBER	0	0	0	1	0

Botulism, Wound, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	7	0.0*	9	0.0*	15	0.0*	11	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
25-34	2	0.0*	0	-	2	0.0*	2	0.0*	0	-
35-44	2	0.0*	0	-	1	0.0*	3	0.1*	2	0.0*
45-54	3	0.1*	4	0.1*	2	0.0*	1	0.0*	3	0.1*
55-64	3	0.1*	2	0.0*	3	0.1*	7	0.2*	5	0.1*
65+	0	-	0	-	0	-	1	0.0*	0	-
UNKNOWN	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

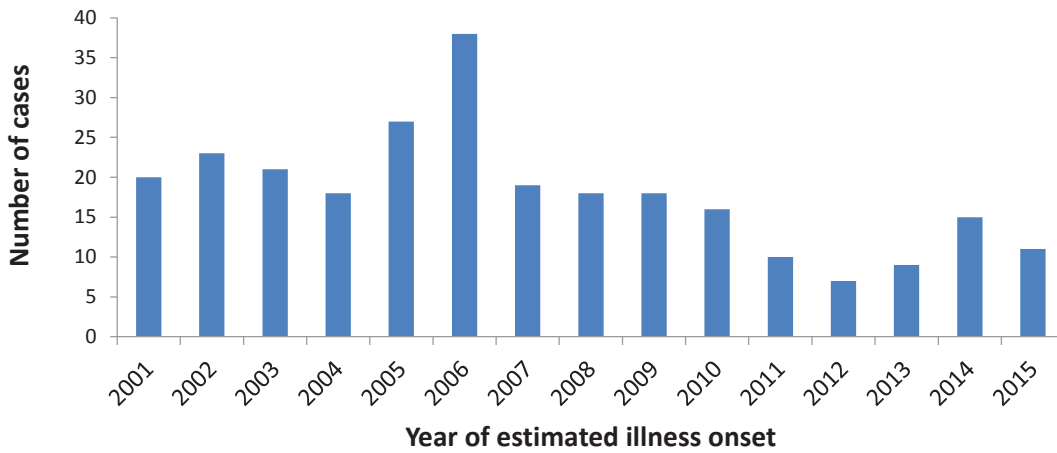
*Potentially unreliable rate, relative standard error 23 percent or more

Botulism, Wound, Cases by Race/Ethnicity, California, 2011–2015

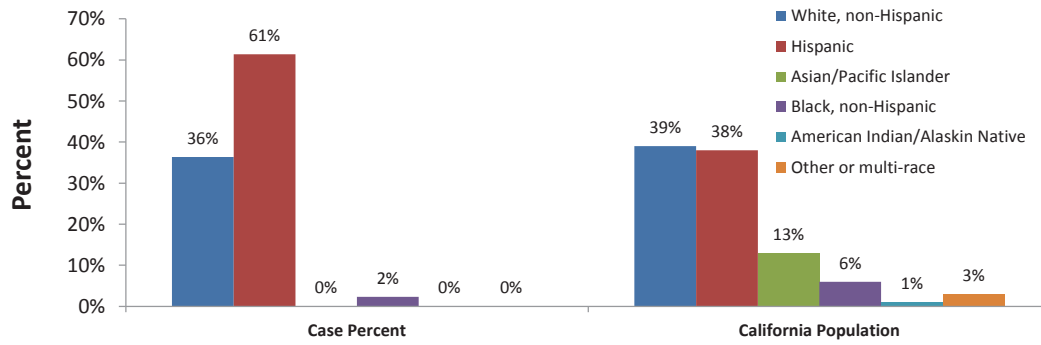
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	10	7	9	15	11
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	1	0
HISPANIC	8	4	4	7	4
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	2	2	5	5	2
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	1	0	2	5

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Botulism, Wound counts by year, 2001–2015



Botulism, Wound Cases and Population by Race/Ethnicity, 2011–2015



15.4% of reported incidents of Botulism, Wound did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Brucellosis

Brucellosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	15	0.0*	38	0.1	22	0.1	21	0.1	30	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	2	0.1*
ALAMEDA	1	0.1*	0	-	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	5	0.5*	2	0.2*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	1	1.5*
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	4	0.0*	7	0.1*	8	0.1*	6	0.1*	8	0.1*
LOS ANGELES	4	0.0*	7	0.1*	8	0.1*	6	0.1*	8	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	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	-	1	0.4*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	1	1.0*	0	-
ORANGE	0	-	1	0.0*	0	-	2	0.1*	5	0.2*
PLACER	0	-	0	-	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
SACRAMENTO	1	0.1*	1	0.1*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*	0	-	1	0.0*
SAN DIEGO	1	0.0*	7	0.2*	1	0.0*	1	0.0*	1	0.0*
SAN FRANCISCO	1	0.1*	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	1	0.1*	2	0.3*	2	0.3*	2	0.3*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	1	0.1*	1	0.1*
SANTA BARBARA	0	-	4	0.9*	0	-	1	0.2*	1	0.2*
SANTA CLARA	1	0.1*	1	0.1*	0	-	0	-	0	-
SANTA CRUZ	1	0.4*	1	0.4*	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*	1	0.2*	0	-	1	0.2*
STANISLAUS	2	0.4*	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	1	0.1*	2	0.2*	1	0.1*
YOLO	1	0.5*	4	1.9*	0	-	0	-	2	1.0*
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Brucellosis

Brucellosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	15	38	22	21	30
JANUARY	0	2	2	1	2
FEBRUARY	1	2	0	3	1
MARCH	2	5	2	1	3
APRIL	1	6	2	2	5
MAY	3	4	2	2	5
JUNE	2	4	4	1	3
JULY	3	5	3	1	3
AUGUST	1	3	3	5	1
SEPTEMBER	1	0	1	3	3
OCTOBER	0	3	1	1	3
NOVEMBER	1	1	1	0	1
DECEMBER	0	3	1	1	0

Brucellosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	15	0.0*	38	0.1	22	0.1	21	0.1	30	0.1
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	1	0.0*	0	-	1	0.1*	0	-
5-9	0	-	2	0.1*	1	0.0*	1	0.0*	1	0.0*
10-14	1	0.0*	3	0.1*	1	0.0*	0	-	0	-
15-24	2	0.0*	1	0.0*	2	0.0*	2	0.0*	4	0.1*
25-34	1	0.0*	3	0.1*	4	0.1*	3	0.1*	4	0.1*
35-44	2	0.0*	6	0.1*	1	0.0*	0	-	5	0.1*
45-54	4	0.1*	7	0.1*	3	0.1*	2	0.0*	4	0.1*
55-64	2	0.0*	3	0.1*	5	0.1*	5	0.1*	5	0.1*
65+	3	0.1*	12	0.3*	5	0.1*	7	0.1*	7	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

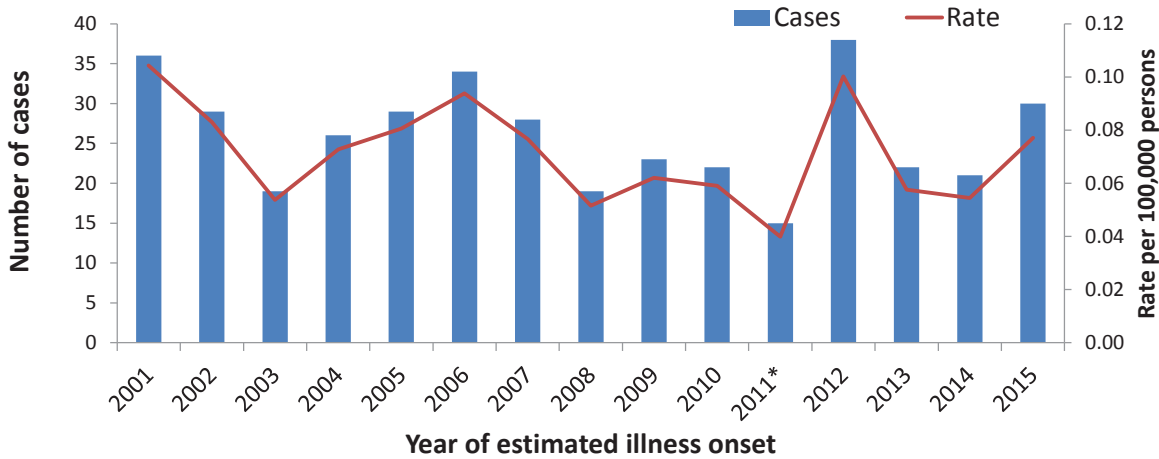
*Potentially unreliable rate, relative standard error 23 percent or more

Brucellosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	15	38	22	21	30
ASIAN/PACIFIC ISLANDER	1	1	2	0	1
BLACK, NOT HISPANIC	0	0	0	0	1
HISPANIC	13	28	18	15	22
AMERICAN INDIAN/ALASKAN NATIVE	0	1	0	0	0
WHITE, NOT HISPANIC	0	6	1	2	2
OTHER OR MULTI-RACE	1	2	1	2	0
UNKNOWN	0	0	0	2	4

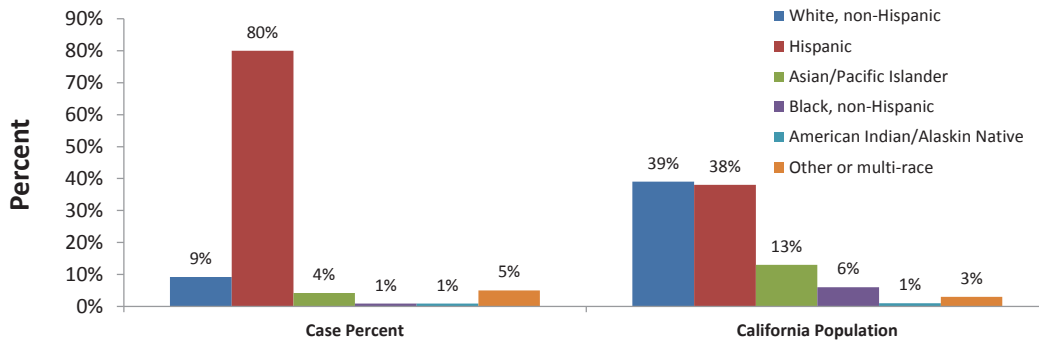
**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Brucellosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



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

Brucellosis Cases and Population by Race/Ethnicity, 2011–2015



4.8% of reported incidents of Brucellosis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Campylobacteriosis

Campylobacteriosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	6,759	18.0	8,045	21.2	7,697	20.1	7,937	20.6	8,319	21.4
ALAMEDA COUNTY TOTAL	360	23.6	417	27.1	409	26.2	392	24.8	445	27.8
ALAMEDA	326	23.1	361	25.3	371	25.6	353	24.0	409	27.4
BERKELEY	34	29.7	56	48.6	38	32.7	39	33.2	36	30.3
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	7	18.4*	9	24.2*	6	16.2*	8	21.6*	7	18.8*
BUTTE	49	22.2	60	27.1	38	17.1	42	18.7	61	26.9
CALAVERAS	11	24.2*	9	19.9*	6	13.3*	11	24.2*	8	17.4*
COLUSA	4	18.4*	5	23.0*	9	40.9*	7	31.5*	5	22.2*
CONTRA COSTA	276	26.0	268	25.1	260	24.0	226	20.6	222	20.0
DEL NORTE	2	6.9*	7	24.2*	1	3.5*	0	-	1	3.5*
EL DORADO	20	11.0	15	8.2*	32	17.4	31	16.8	32	17.3
FRESNO	258	27.4	379	39.9	419	43.7	350	36.1	350	35.7
GLENN	7	24.6*	9	31.7*	10	35.0*	10	34.6*	10	34.3*
HUMBOLDT	26	19.0	41	30.1	30	22.0	35	25.6	23	16.8
IMPERIAL	39	22.0	65	36.4	50	27.9	43	23.5	33	17.6
INYO	1	5.3*	1	5.2*	2	10.4*	5	26.0*	1	5.2*
KERN	301	35.3	280	32.5	344	39.5	353	40.2	303	33.9
KINGS	9	5.9*	26	17.1	17	11.2*	35	22.8	33	21.3
LAKE	6	9.3*	9	13.9*	4	6.2*	8	12.2*	7	10.6*
LASSEN	0	-	0	-	0	-	4	11.4*	3	8.5*
LOS ANGELES COUNTY TOTAL	1,310	13.3	1,603	16.1	1,786	17.8	1,573	15.6	1,720	17.0
LOS ANGELES	1,228	13.2	1,495	16.0	1,676	17.8	1,479	15.6	1,617	17.0
LONG BEACH	52	11.2	71	15.1	61	12.8	62	12.9	69	14.3
PASADENA	30	21.6	37	26.5	49	35.2	32	22.9	34	24.3
MADERA	43	28.2	47	31.0	51	33.2	63	40.7	50	31.7
MARIN	94	36.9	91	35.8	60	23.4	102	39.6	139	53.7
MARIPOSA	0	-	1	5.5*	1	5.5*	5	27.6*	3	16.5*
MENDOCINO	24	27.1	45	50.5	32	36.0	26	29.3	39	43.9
MERCED	49	18.8	80	30.5	56	21.3	67	25.1	62	23.0
MODOC	0	-	1	10.4*	1	10.6*	2	21.3*	1	10.6*
MONO	1	6.9*	4	27.5*	3	20.9*	6	41.6*	5	34.4*
MONTEREY	88	21.0	101	24.0	78	18.4	76	17.8	69	16.1
NAPA	46	33.2	53	38.2	31	22.2	42	29.8	56	39.4
NEVADA	24	24.3	23	23.4	12	12.2*	10	10.2*	10	10.1*
ORANGE	346	11.4	417	13.6	359	11.6	394	12.6	396	12.6
PLACER	54	15.2	80	22.2	66	18.1	67	18.1	71	19.0
PLUMAS	1	5.0*	0	-	1	5.1*	1	5.2*	4	20.6*
RIVERSIDE	166	7.5	274	12.2	220	9.7	230	10.0	258	11.1
SACRAMENTO	200	14.0	199	13.9	258	17.8	235	16.1	305	20.7
SAN BENITO	13	23.2*	5	8.8*	5	8.7*	6	10.3*	6	10.2*
SAN BERNARDINO	180	8.8	191	9.3	195	9.4	225	10.7	230	10.9
SAN DIEGO	545	17.4	729	23.1	589	18.5	841	26.2	640	19.7
SAN FRANCISCO	405	49.6	451	54.6	394	47.3	389	46.3	518	61.0
SAN JOAQUIN	218	31.4	173	24.8	187	26.6	207	29.0	251	34.7
SAN LUIS OBISPO	88	32.6	77	28.4	79	29.1	72	26.4	75	27.3
SAN MATEO	251	34.5	259	35.2	206	27.8	220	29.4	242	32.1
SANTA BARBARA	108	25.3	107	25.1	101	23.3	115	26.4	113	25.7
SANTA CLARA	413	22.9	483	26.5	423	22.9	398	21.3	486	25.7
SANTA CRUZ	54	20.3	87	32.3	53	19.5	57	20.9	88	32.2
SHASTA	14	7.9*	16	9.0*	22	12.3	30	16.7	23	12.8
SIERRA	0	-	1	30.5*	0	-	0	-	1	30.7*
SISKIYOU	10	22.2*	10	21.9*	9	19.9*	18	39.7*	15	33.0*
SOLANO	35	8.4	86	20.5	70	16.5	83	19.4	116	26.8
SONOMA	114	23.4	148	30.2	136	27.6	140	28.2	52	10.4
STANISLAUS	146	28.2	175	33.4	116	22.0	195	36.6	187	34.7
SUTTER	14	14.7*	14	14.4*	24	24.6	26	26.7	24	24.5
TEHAMA	16	25.1*	12	18.7*	18	27.9*	16	24.7*	23	35.3
TRINITY	0	-	0	-	1	7.3*	3	21.8*	2	14.5*
TULARE	122	27.2	146	32.2	193	42.3	175	37.9	207	44.3
TUOLUMNE	3	5.4*	3	5.5*	5	9.1*	3	5.5*	6	11.0*
VENTURA	104	12.5	183	22.0	148	17.6	164	19.4	203	23.9
YOLO	73	36.0	50	24.3	50	24.2	72	34.6	63	30.1
YUBA	11	15.1*	20	27.3	21	28.5	23	31.0	16	21.3*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Campylobacteriosis

Campylobacteriosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	6,759	8,045	7,697	7,937	8,319
JANUARY	505	575	538	508	567
FEBRUARY	373	452	403	387	484
MARCH	434	521	481	450	590
APRIL	443	637	595	557	706
MAY	611	768	727	715	728
JUNE	680	786	848	805	795
JULY	719	913	945	891	838
AUGUST	766	892	829	922	827
SEPTEMBER	667	724	663	721	764
OCTOBER	607	707	656	799	785
NOVEMBER	487	598	535	594	674
DECEMBER	467	472	477	588	561

Campylobacteriosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6,759	18.0	8,045	21.2	7,697	20.1	7,937	20.6	8,319	21.4
0	157	31.0	214	43.2	221	44.4	181	36.0	203	40.1
1-4	800	39.7	871	43.4	895	45.0	874	43.7	795	39.6
5-9	438	17.5	583	23.1	552	21.8	519	20.5	503	19.9
10-14	320	12.5	386	15.3	303	12.0	398	15.8	368	14.6
15-24	874	15.6	959	17.2	962	17.3	1,019	18.3	1,063	19.2
25-34	949	17.6	1,127	20.8	1,103	20.2	1,098	19.9	1,300	23.5
35-44	768	14.9	939	18.2	865	16.8	873	16.9	956	18.5
45-54	781	14.9	979	18.7	894	17.1	897	17.1	971	18.5
55-64	733	17.4	844	19.5	801	18.1	888	19.5	975	20.9
65+	902	20.4	1,099	23.8	1,053	21.9	1,148	23.0	1,164	22.4
UNKNOWN	37	-	44	-	48	-	42	-	21	-

Rates are expressed as cases per 100,000 population.

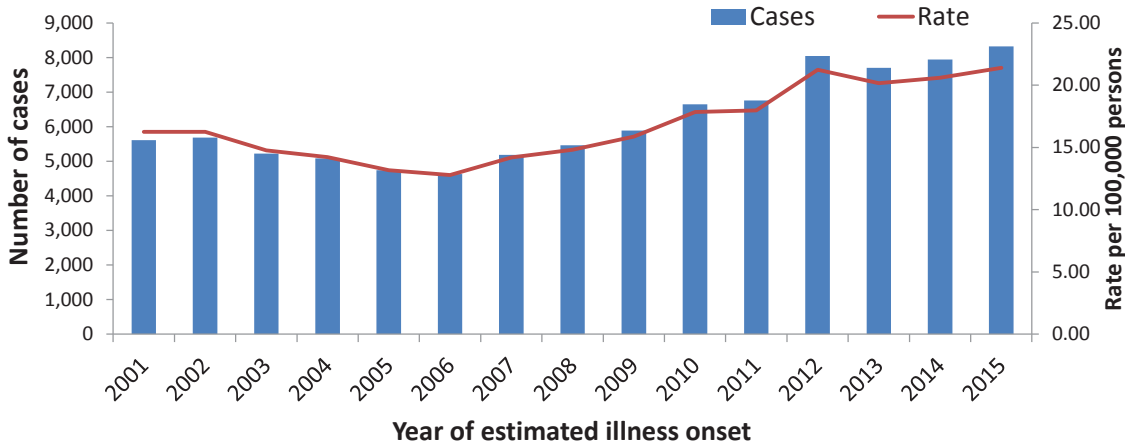
*Potentially unreliable rate, relative standard error 23 percent or more

Campylobacteriosis, Cases by Race/Ethnicity, California, 2011–2015

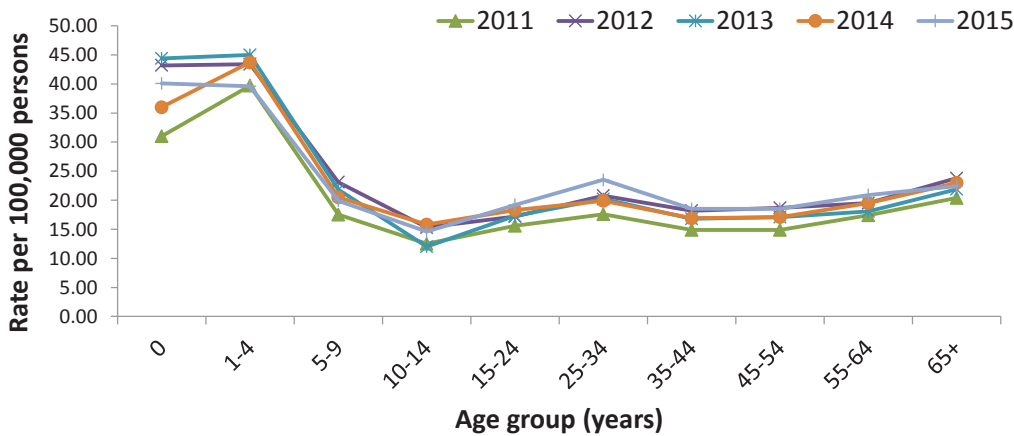
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	6,759	8,045	7,697	7,937	8,319
ASIAN/PACIFIC ISLANDER	249	302	223	237	324
BLACK, NOT HISPANIC	83	99	95	101	118
HISPANIC	1,163	1,281	1,115	1,239	1,272
AMERICAN INDIAN/ALASKAN NATIVE	9	11	13	17	14
WHITE, NOT HISPANIC	1,294	1,664	1,427	1,539	2,184
OTHER OR MULTI-RACE	88	101	131	178	357
UNKNOWN	3,873	4,587	4,693	4,626	4,050

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

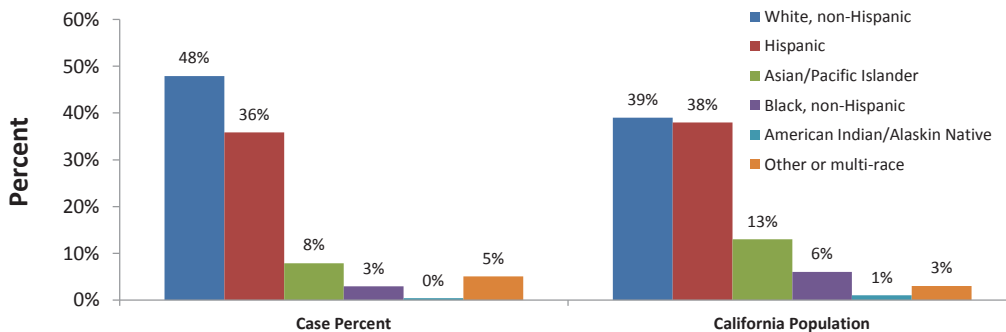
Campylobacteriosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Campylobacteriosis Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



Campylobacteriosis Cases and Population by Race/Ethnicity, 2011–2015



56.3% of reported incidents of Campylobacteriosis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Cholera

Cholera, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	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	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	1	0.1*	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cholera

Cholera, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	0	0	0	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	0	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	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Cholera, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-
55-64	1	0.0*	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

Cholera, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	0	0	0	0
ASIAN/PACIFIC ISLANDER	1	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	0	0	0	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	1	0.9*	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	-	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	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	1	0.0*	1	0.0*	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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	-	1	0.1*	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	2	1	1
JANUARY	1	0	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	1	0	0
APRIL	0	0	0	0	0
MAY	0	0	0	0	0
JUNE	0	1	0	0	0
JULY	0	0	0	0	0
AUGUST	0	0	0	1	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	1	0	1
DECEMBER	0	0	0	0	0

Ciguatera Fish Poisoning, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	1	0.0*	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	1	0.0*	0	-
25-34	0	-	0	-	1	0.0*	0	-	1	0.0*
35-44	1	0.0*	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	1	0.0*	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

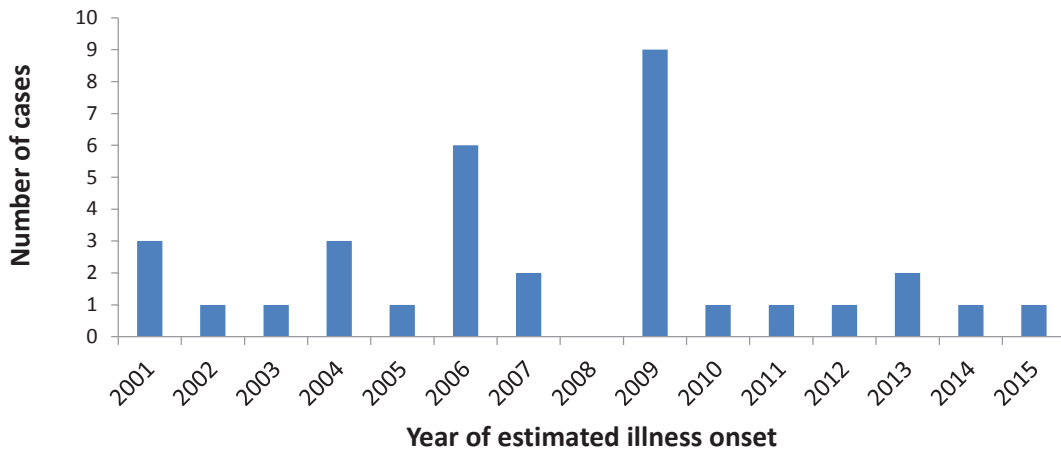
*Potentially unreliable rate, relative standard error 23 percent or more

Ciguatera Fish Poisoning, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	2	1	1
ASIAN/PACIFIC ISLANDER	1	1	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	1	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	0	1	1	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	0	1

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Ciguatera Fish Poisoning counts by year, 2001–2015



Coccidioidomycosis

Coccidioidomycosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5,219	13.9	4,156	11.0	3,325	8.7	2,293	5.9	3,064	7.9
ALAMEDA COUNTY TOTAL	25	1.6	22	1.4	30	1.9	27	1.7	43	2.7
ALAMEDA	23	1.6	20	1.4	29	2.0	27	1.8	42	2.8
BERKELEY	2	1.7*	2	1.7*	1	0.9*	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	3	7.9*	1	2.7*	0	-	0	-	5	13.4*
BUTTE	4	1.8*	4	1.8*	4	1.8*	1	0.4*	0	-
CALAVERAS	1	2.2*	2	4.4*	3	6.6*	1	2.2*	0	-
COLUSA	1	4.6*	0	-	0	-	0	-	1	4.4*
CONTRA COSTA	31	2.9	29	2.7	37	3.4	29	2.6	48	4.3
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	1	0.5*	1	0.5*	1	0.5*
FRESNO	724	77.0	481	50.7	310	32.4	155	16.0	259	26.4
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	0	-	0	-	0	-	1	0.7*
IMPERIAL	5	2.8*	12	6.7*	5	2.8*	0	-	2	1.1*
INYO	0	-	0	-	0	-	1	5.2*	0	-
KERN	2,567	300.9	1,858	216.0	1,656	190.4	912	103.8	1,076	120.3
KINGS	374	243.9	239	156.8	97	63.6	70	45.6	52	33.5
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	8	22.7*
LOS ANGELES COUNTY TOTAL	316	3.2	333	3.3	347	3.5	403	4.0	557	5.5
LOS ANGELES	302	3.3	310	3.3	338	3.6	383	4.0	522	5.5
LONG BEACH	13	2.8*	21	4.5	8	1.7*	19	4.0	34	7.1
PASADENA	1	0.7*	2	1.4*	1	0.7*	1	0.7*	1	0.7*
MADERA	44	28.9	24	15.8	46	30.0	35	22.6	55	34.9
MARIN	3	1.2*	1	0.4*	6	2.3*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	2	11.0*
MENDOCINO	1	1.1*	0	-	1	1.1*	0	-	1	1.1*
MERCED	52	20.0	60	22.9	54	20.5	48	18.0	76	28.2
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	68	16.2	75	17.8	69	16.3	20	4.7	34	7.9
NAPA	1	0.7*	3	2.2*	0	-	0	-	0	-
NEVADA	1	1.0*	2	2.0*	0	-	0	-	0	-
ORANGE	83	2.7	115	3.7	72	2.3	77	2.5	170	5.4
PLACER	2	0.6*	7	1.9*	3	0.8*	0	-	3	0.8*
PLUMAS	1	5.0*	0	-	2	10.3*	1	5.2*	0	-
RIVERSIDE	72	3.2	56	2.5	34	1.5	38	1.7	59	2.5
SACRAMENTO	40	2.8	46	3.2	33	2.3	32	2.2	35	2.4
SAN BENITO	2	3.6*	0	-	1	1.7*	1	1.7*	0	-
SAN BERNARDINO	50	2.4	57	2.8	48	2.3	33	1.6	27	1.3
SAN DIEGO	148	4.7	139	4.4	92	2.9	88	2.7	107	3.3
SAN FRANCISCO	9	1.1*	3	0.4*	17	2.0*	4	0.5*	13	1.5*
SAN JOAQUIN	111	16.0	74	10.6	52	7.4	60	8.4	97	13.4
SAN LUIS OBISPO	170	63.0	106	39.2	49	18.0	22	8.1	59	21.5
SAN MATEO	8	1.1*	16	2.2*	9	1.2*	3	0.4*	3	0.4*
SANTA BARBARA	19	4.5	26	6.1	23	5.3	15	3.4*	23	5.2
SANTA CLARA	29	1.6	26	1.4	17	0.9*	12	0.6*	16	0.8*
SANTA CRUZ	3	1.1*	9	3.3*	5	1.8*	3	1.1*	1	0.4*
SHASTA	2	1.1*	0	-	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*	0	-	0	-
SOLANO	15	3.6*	8	1.9*	5	1.2*	4	0.9*	19	4.4
SONOMA	4	0.8*	4	0.8*	1	0.2*	5	1.0*	1	0.2*
STANISLAUS	58	11.2	62	11.8	40	7.6	37	7.0	49	9.1
SUTTER	1	1.1*	1	1.0*	1	1.0*	0	-	0	-
TEHAMA	0	-	1	1.6*	1	1.6*	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	128	28.6	155	34.2	113	24.8	107	23.2	112	24.0
TUOLUMNE	3	5.4*	6	11.0*	0	-	0	-	1	1.8*
VENTURA	34	4.1	90	10.8	39	4.6	42	5.0	45	5.3
YOLO	4	2.0*	2	1.0*	0	-	3	1.4*	3	1.4*
YUBA	1	1.4*	0	-	1	1.4*	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Coccidioidomycosis

Coccidioidomycosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	5,219	4,156	3,325	2,293	3,064
JANUARY	414	520	271	253	219
FEBRUARY	251	511	232	221	178
MARCH	283	389	218	156	195
APRIL	293	338	268	176	223
MAY	306	322	365	192	173
JUNE	349	315	284	163	208
JULY	441	301	284	200	287
AUGUST	554	326	284	165	263
SEPTEMBER	631	305	236	194	310
OCTOBER	634	270	293	190	382
NOVEMBER	553	304	319	179	334
DECEMBER	510	255	271	204	292

Coccidioidomycosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,219	13.9	4,156	11.0	3,325	8.7	2,293	5.9	3,064	7.9
0	11	2.2*	11	2.2*	1	0.2*	2	0.4*	3	0.6*
1-4	45	2.2	40	2.0	21	1.1	7	0.4*	13	0.6*
5-9	112	4.5	76	3.0	68	2.7	33	1.3	45	1.8
10-14	192	7.5	111	4.4	58	2.3	50	2.0	53	2.1
15-24	673	12.0	524	9.4	374	6.7	198	3.6	303	5.5
25-34	910	16.9	672	12.4	534	9.8	341	6.2	422	7.6
35-44	924	17.9	709	13.7	575	11.1	362	7.0	517	10.0
45-54	1,004	19.1	817	15.6	660	12.6	424	8.1	554	10.6
55-64	687	16.3	588	13.6	535	12.1	446	9.8	537	11.5
65+	639	14.5	589	12.8	479	10.0	417	8.4	604	11.6
UNKNOWN	22	-	19	-	20	-	13	-	13	-

Rates are expressed as cases per 100,000 population.

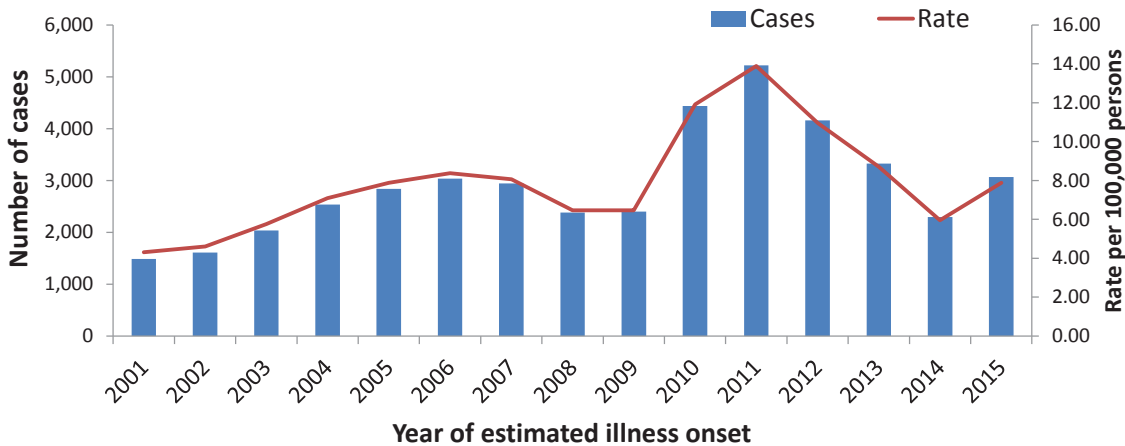
*Potentially unreliable rate, relative standard error 23 percent or more

Coccidioidomycosis, Cases by Race/Ethnicity, California, 2011–2015

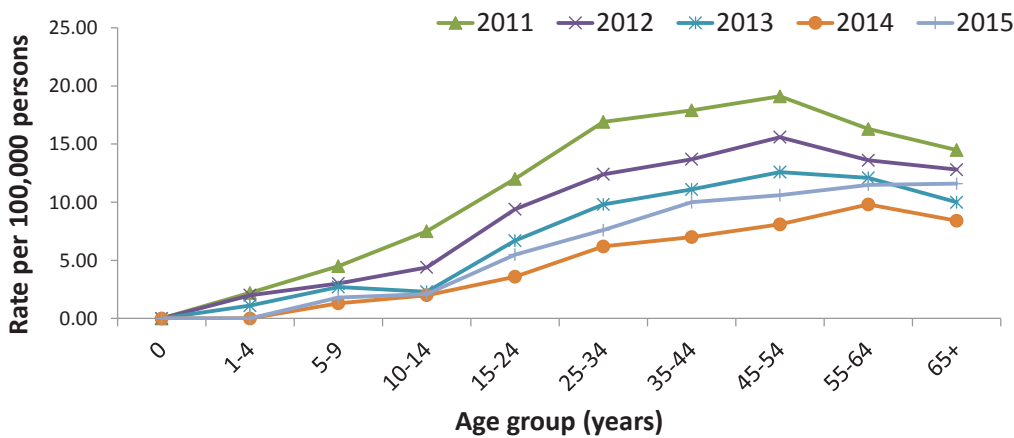
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	5,219	4,156	3,325	2,293	3,064
ASIAN/PACIFIC ISLANDER	164	164	123	103	148
BLACK, NOT HISPANIC	358	259	168	115	176
HISPANIC	1,286	1,215	979	730	806
AMERICAN INDIAN/ALASKAN NATIVE	12	14	15	13	11
WHITE, NOT HISPANIC	901	844	718	568	761
OTHER OR MULTI-RACE	59	68	70	42	129
UNKNOWN	2,439	1,592	1,252	722	1,033

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

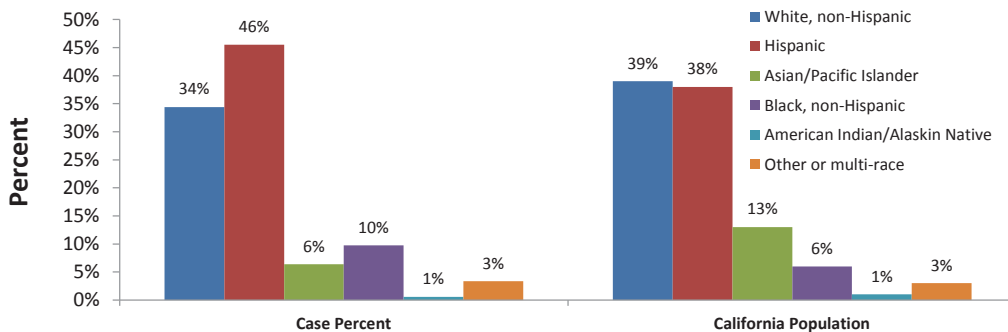
Coccidioidomycosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Coccidioidomycosis Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



Coccidioidomycosis Cases and Population by Race/Ethnicity, 2011–2015



39.0% of reported incidents of Coccidioidomycosis did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	30	0.1	21	0.1	28	0.1	25	0.1	18	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	1	0.1*	0	-	4	0.3*	0	-
ALAMEDA	1	0.1*	1	0.1*	0	-	4	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	-	1	0.4*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	1	0.1*	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	1	0.7*	0	-	0	-
IMPERIAL	0	-	1	0.6*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	1	1.5*	1	1.5*	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	6	0.1*	4	0.0*	2	0.0*	0	-	0	-
LOS ANGELES	6	0.1*	4	0.0*	2	0.0*	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-	0	-	0	-
MARIN	1	0.4*	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	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	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	3	0.1*	2	0.1*	0	-	3	0.1*
PLACER	0	-	1	0.3*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	3	0.1*	0	-	1	0.0*	2	0.1*	0	-
SACRAMENTO	0	-	1	0.1*	0	-	1	0.1*	0	-
SAN BENITO	1	1.8*	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	0	-	2	0.1*	3	0.1*	2	0.1*
SAN DIEGO	4	0.1*	1	0.0*	9	0.3*	5	0.2*	3	0.1*
SAN FRANCISCO	0	-	0	-	3	0.4*	1	0.1*	0	-
SAN JOAQUIN	0	-	0	-	0	-	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	1	0.4*	1	0.4*	0	-
SAN MATEO	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	2	0.1*	1	0.1*	2	0.1*	4	0.2*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	2	0.4*	0	-	0	-	0	-
STANISLAUS	1	0.2*	0	-	0	-	1	0.2*	1	0.2*
SUTTER	0	-	0	-	1	1.0*	0	-	0	-
TEHAMA	1	1.6*	0	-	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	3	0.4*	0	-	2	0.2*	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	30	21	28	25	18
JANUARY	0	7	3	3	1
FEBRUARY	0	0	0	3	1
MARCH	4	2	2	2	1
APRIL	3	0	0	2	1
MAY	3	0	4	0	3
JUNE	4	0	2	1	2
JULY	3	2	1	1	0
AUGUST	4	1	5	2	5
SEPTEMBER	3	5	3	1	2
OCTOBER	1	1	5	1	1
NOVEMBER	4	1	1	5	1
DECEMBER	1	2	2	4	0

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	30	0.1	21	0.1	28	0.1	25	0.1	18	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	1	0.0*	2	0.0*	1	0.0*	0	-
45-54	3	0.1*	1	0.0*	4	0.1*	1	0.0*	3	0.1*
55-64	13	0.3*	6	0.1*	6	0.1*	8	0.2*	8	0.2*
65+	14	0.3*	13	0.3*	16	0.3*	15	0.3*	7	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

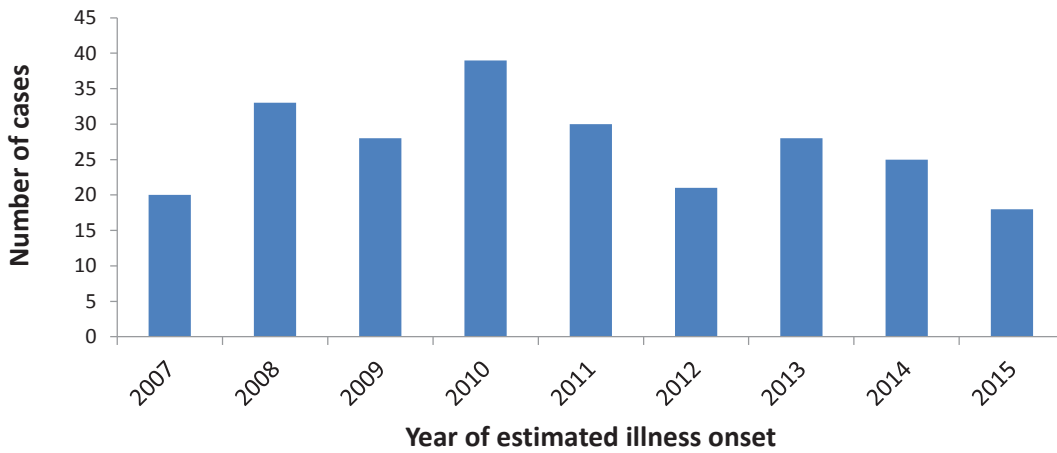
*Potentially unreliable rate, relative standard error 23 percent or more

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Race/Ethnicity, California, 2011–2015

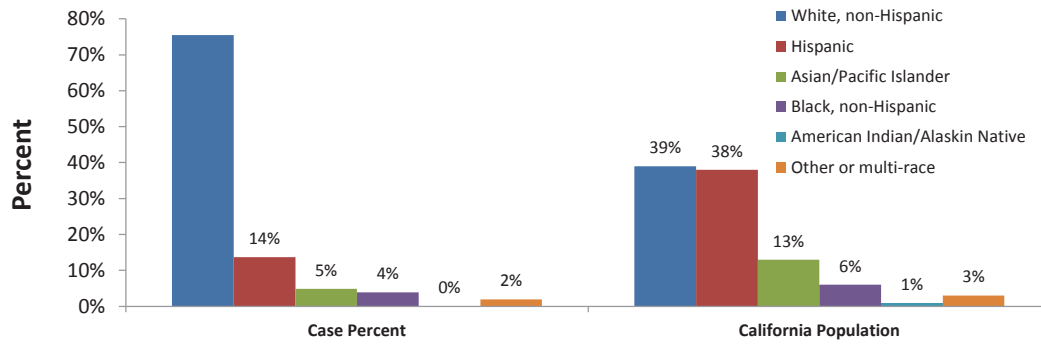
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	30	21	28	25	18
ASIAN/PACIFIC ISLANDER	1	3	0	0	1
BLACK, NOT HISPANIC	0	0	2	1	1
HISPANIC	4	1	5	4	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	21	14	15	14	13
OTHER OR MULTI-RACE	0	0	0	2	0
UNKNOWN	4	3	6	4	3

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies counts by year, 2007–2015



Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies Cases and Population by Race/Ethnicity, 2011–2015



16.4% of reported incidents of Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Cryptosporidiosis

Cryptosporidiosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	352	0.9	351	0.9	307	0.8	364	0.9	377	1.0
ALAMEDA COUNTY TOTAL	10	0.7*	22	1.4	15	1.0*	9	0.6*	10	0.6*
ALAMEDA	9	0.6*	18	1.3*	15	1.0*	9	0.6*	9	0.6*
BERKELEY	1	0.9*	4	3.5*	0	-	0	-	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	4	1.8*	21	9.5	5	2.2*	15	6.6*
CALAVERAS	0	-	0	-	1	2.2*	0	-	0	-
COLUSA	0	-	0	-	0	-	2	9.0*	0	-
CONTRA COSTA	6	0.6*	3	0.3*	12	1.1*	8	0.7*	6	0.5*
DEL NORTE	3	10.4*	2	6.9*	0	-	0	-	0	-
EL DORADO	1	0.6*	2	1.1*	1	0.5*	0	-	1	0.5*
FRESNO	8	0.9*	10	1.1*	8	0.8*	7	0.7*	13	1.3*
GLENN	1	3.5*	0	-	0	-	0	-	0	-
HUMBOLDT	7	5.1*	12	8.8*	8	5.9*	4	2.9*	6	4.4*
IMPERIAL	0	-	1	0.6*	0	-	0	-	0	-
INYO	0	-	0	-	1	5.2*	4	20.8*	2	10.4*
KERN	8	0.9*	9	1.0*	3	0.3*	8	0.9*	5	0.6*
KINGS	4	2.6*	5	3.3*	2	1.3*	2	1.3*	1	0.6*
LAKE	0	-	0	-	1	1.5*	0	-	1	1.5*
LASSEN	0	-	0	-	0	-	2	5.7*	2	5.7*
LOS ANGELES COUNTY TOTAL	65	0.7	54	0.5	53	0.5	90	0.9	61	0.6
LOS ANGELES	54	0.6	48	0.5	48	0.5	79	0.8	54	0.6
LONG BEACH	11	2.4*	4	0.8*	5	1.0*	11	2.3*	5	1.0*
PASADENA	0	-	2	1.4*	0	-	0	-	2	1.4*
MADERA	1	0.7*	0	-	0	-	0	-	0	-
MARIN	5	2.0*	7	2.8*	4	1.6*	3	1.2*	15	5.8*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-	0	-	0	-
MERCED	1	0.4*	1	0.4*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	6	1.4*	1	0.2*	2	0.5*	1	0.2*	2	0.5*
NAPA	0	-	4	2.9*	1	0.7*	3	2.1*	1	0.7*
NEVADA	0	-	1	1.0*	2	2.0*	0	-	2	2.0*
ORANGE	22	0.7	28	0.9	22	0.7	24	0.8	29	0.9
PLACER	3	0.8*	4	1.1*	2	0.5*	1	0.3*	3	0.8*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	9	0.4*	15	0.7*	10	0.4*	9	0.4*	17	0.7*
SACRAMENTO	10	0.7*	8	0.6*	7	0.5*	6	0.4*	6	0.4*
SAN BENITO	2	3.6*	0	-	0	-	1	1.7*	0	-
SAN BERNARDINO	10	0.5*	8	0.4*	6	0.3*	10	0.5*	6	0.3*
SAN DIEGO	12	0.4*	30	0.9	24	0.8	36	1.1	22	0.7
SAN FRANCISCO	24	2.9	20	2.4	16	1.9*	17	2.0*	45	5.3
SAN JOAQUIN	4	0.6*	0	-	3	0.4*	1	0.1*	1	0.1*
SAN LUIS OBISPO	12	4.4*	7	2.6*	5	1.8*	8	2.9*	6	2.2*
SAN MATEO	47	6.5	38	5.2	18	2.4*	28	3.7	40	5.3
SANTA BARBARA	12	2.8*	2	0.5*	10	2.3*	11	2.5*	7	1.6*
SANTA CLARA	26	1.4	19	1.0	23	1.2	27	1.4	16	0.8*
SANTA CRUZ	9	3.4*	8	3.0*	1	0.4*	5	1.8*	4	1.5*
SHASTA	0	-	1	0.6*	1	0.6*	2	1.1*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	3	6.7*	2	4.4*	4	8.8*	2	4.4*	1	2.2*
SOLANO	0	-	1	0.2*	3	0.7*	0	-	3	0.7*
SONOMA	3	0.6*	7	1.4*	2	0.4*	4	0.8*	5	1.0*
STANISLAUS	3	0.6*	5	1.0*	2	0.4*	0	-	1	0.2*
SUTTER	0	-	0	-	3	3.1*	0	-	1	1.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	5	1.1*	2	0.4*	7	1.5*	10	2.2*	8	1.7*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	3	0.4*	0	-	8	0.9*	7	0.8*
YOLO	7	3.4*	4	1.9*	2	1.0*	4	1.9*	4	1.9*
YUBA	0	-	1	1.4*	1	1.4*	2	2.7*	1	1.3*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cryptosporidiosis

Cryptosporidiosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	352	351	307	364	377
JANUARY	16	26	29	30	30
FEBRUARY	21	13	21	23	18
MARCH	17	24	12	27	32
APRIL	32	34	22	33	21
MAY	23	31	19	35	31
JUNE	34	26	28	24	29
JULY	50	44	45	33	30
AUGUST	57	45	31	48	41
SEPTEMBER	35	31	26	41	43
OCTOBER	25	41	32	25	35
NOVEMBER	21	20	22	24	28
DECEMBER	21	16	20	21	39

Cryptosporidiosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	352	0.9	351	0.9	307	0.8	364	0.9	377	1.0
0	6	1.2*	2	0.4*	1	0.2*	3	0.6*	2	0.4*
1-4	33	1.6	12	0.6*	14	0.7*	19	1.0	22	1.1
5-9	16	0.6*	19	0.8	18	0.7*	16	0.6*	25	1.0
10-14	7	0.3*	11	0.4*	14	0.6*	15	0.6*	18	0.7*
15-24	44	0.8	53	0.9	40	0.7	54	1.0	42	0.8
25-34	51	0.9	53	1.0	52	1.0	79	1.4	75	1.4
35-44	49	0.9	49	0.9	45	0.9	55	1.1	52	1.0
45-54	53	1.0	48	0.9	56	1.1	53	1.0	57	1.1
55-64	42	1.0	48	1.1	30	0.7	30	0.7	45	1.0
65+	49	1.1	53	1.1	33	0.7	37	0.7	39	0.8
UNKNOWN	2	-	3	-	4	-	3	-	0	-

Rates are expressed as cases per 100,000 population.

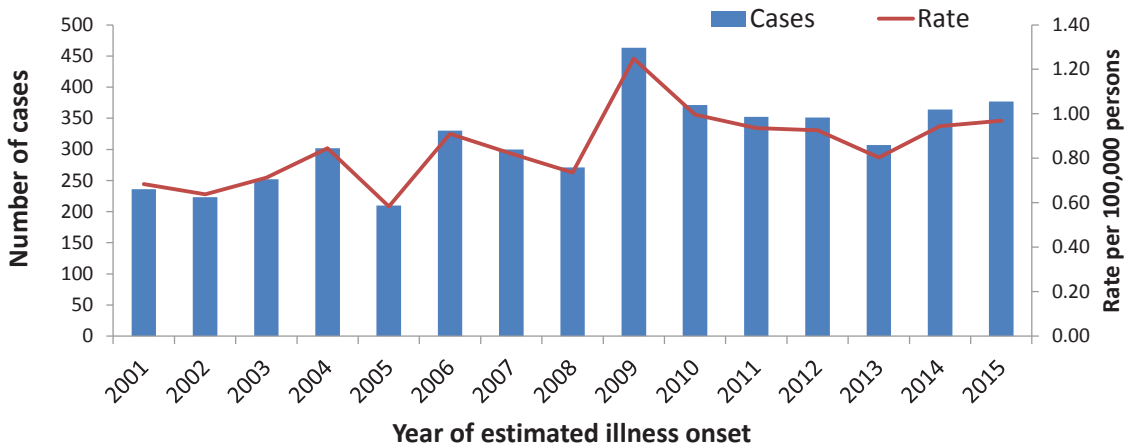
*Potentially unreliable rate, relative standard error 23 percent or more

Cryptosporidiosis, Cases by Race/Ethnicity, California, 2011–2015

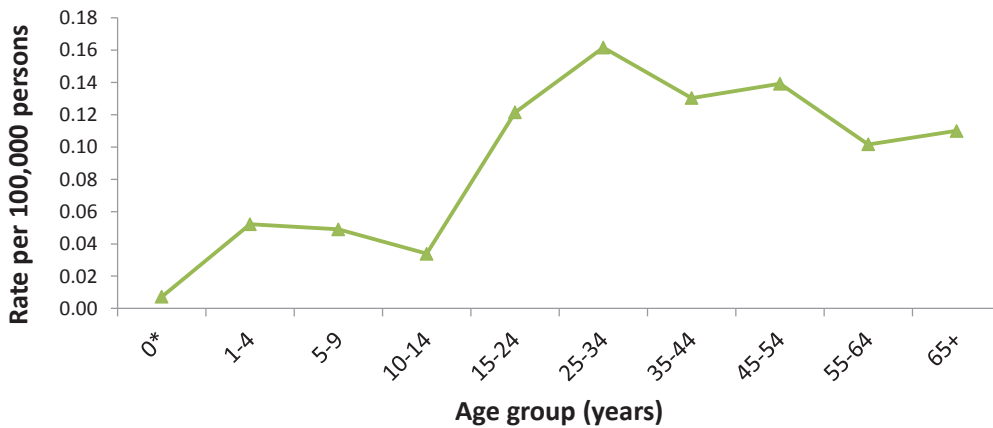
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	352	351	307	364	377
ASIAN/PACIFIC ISLANDER	10	8	10	15	15
BLACK, NOT HISPANIC	13	8	14	20	22
HISPANIC	59	52	48	66	66
AMERICAN INDIAN/ALASKAN NATIVE	0	4	0	2	0
WHITE, NOT HISPANIC	121	123	105	123	161
OTHER OR MULTI-RACE	2	4	7	9	11
UNKNOWN	147	152	123	129	102

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cryptosporidiosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

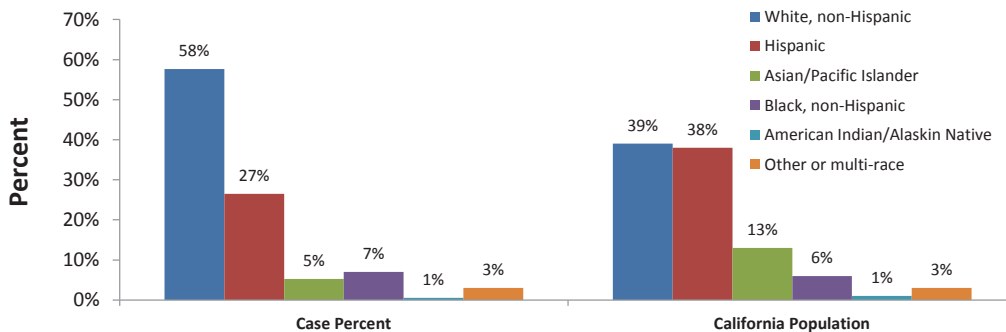


Cryptosporidiosis Incidence Rates by Age Group, 2011–2015



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

Cryptosporidiosis Cases and Population by Race/Ethnicity, 2011–2015



37.3% of reported incidents of Cryptosporidiosis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Cyclosporiasis

Cyclosporiasis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	2	0.0*	2	0.0*	2	0.0*	15	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	0	-	0	-	1	0.1*
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	0	-	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	-	1	0.1*
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	-	0	-	1	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	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	-	1	0.0*	1	0.0*	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	0	-	0	-	0	-	0	-	3	0.4*
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	2	0.5*
SANTA CLARA	0	-	0	-	0	-	0	-	3	0.2*
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	-	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	-	2	0.2*
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cyclosporiasis

Cyclosporiasis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	2	2	2	15
JANUARY	0	1	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	0	0	0
APRIL	0	0	0	0	1
MAY	0	0	0	0	2
JUNE	0	0	0	1	3
JULY	0	0	2	1	6
AUGUST	0	0	0	0	1
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	1
NOVEMBER	0	1	0	0	1
DECEMBER	0	0	0	0	0

Cyclosporiasis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	2	0.0*	15	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	4	0.1*
35-44	0	-	1	0.0*	1	0.0*	0	-	2	0.0*
45-54	0	-	1	0.0*	0	-	0	-	3	0.1*
55-64	0	-	0	-	1	0.0*	1	0.0*	3	0.1*
65+	0	-	0	-	0	-	1	0.0*	3	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

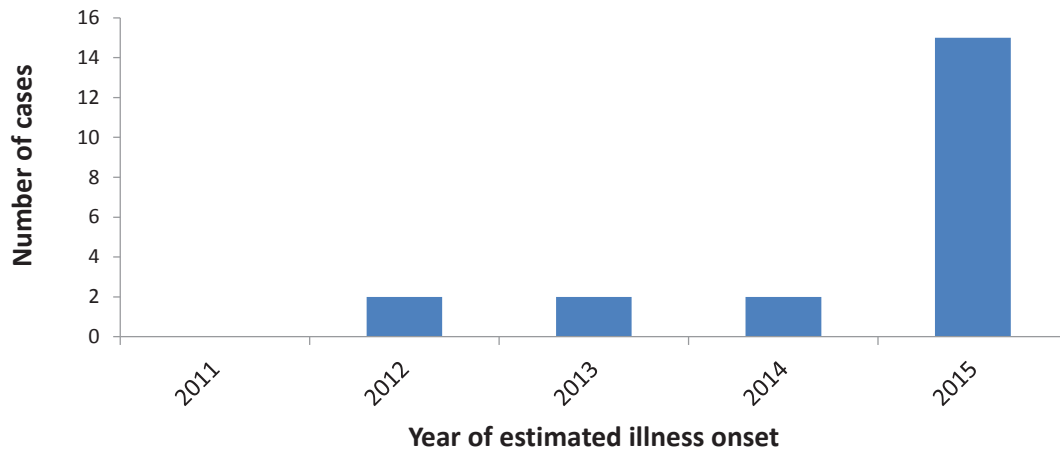
*Potentially unreliable rate, relative standard error 23 percent or more

Cyclosporiasis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	2	2	2	15
ASIAN/PACIFIC ISLANDER	0	1	0	0	1
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	1	4
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	1	2	1	5
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	0	5

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cyclosporiasis counts by year, 2011–2015



Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	29	0.1	33	0.1	21	0.1	27	0.1	30	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	1	0.1*
ALAMEDA	0	-	0	-	0	-	1	0.1*	1	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	1	0.4*	1	0.4*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	1	0.6*	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	0	-	0	-
KINGS	0	-	1	0.7*	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	14	0.1*	13	0.1*	3	0.0*	7	0.1*	11	0.1*
LOS ANGELES	14	0.2*	13	0.1*	3	0.0*	7	0.1*	11	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	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	-	2	0.5*	1	0.2*
NAPA	0	-	0	-	2	1.4*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	1	0.0*	1	0.0*	3	0.1*	4	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	2	0.1*	3	0.1*	2	0.1*	7	0.3*
SACRAMENTO	1	0.1*	3	0.2*	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	1	1.7*	0	-
SAN BERNARDINO	1	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.1*
SAN DIEGO	2	0.1*	2	0.1*	2	0.1*	4	0.1*	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	0	-	2	0.3*	0	-	2	0.3*	2	0.3*
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	1	0.2*	1	0.2*	0	-	2	0.5*	0	-
SANTA CLARA	0	-	2	0.1*	0	-	0	-	0	-
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-
STANISLAUS	1	0.2*	0	-	1	0.2*	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	3	0.7*	1	0.2*	3	0.7*	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-	0	-	0	-
YOLO	0	-	0	-	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	29	33	21	27	30
JANUARY	4	1	3	0	3
FEBRUARY	1	6	3	4	3
MARCH	2	5	3	0	4
APRIL	4	0	1	5	3
MAY	3	3	0	3	1
JUNE	3	4	3	3	2
JULY	4	3	1	2	3
AUGUST	2	3	1	2	1
SEPTEMBER	0	1	1	3	3
OCTOBER	1	2	1	2	5
NOVEMBER	1	3	2	2	1
DECEMBER	4	2	2	1	1

Cysticercosis or Taeniasis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	29	0.1	33	0.1	21	0.1	27	0.1	30	0.1
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	1	0.0*	1	0.0*
10-14	0	-	0	-	0	-	0	-	0	-
15-24	4	0.1*	5	0.1*	6	0.1*	1	0.0*	2	0.0*
25-34	8	0.1*	10	0.2*	6	0.1*	7	0.1*	4	0.1*
35-44	4	0.1*	12	0.2*	3	0.1*	6	0.1*	12	0.2*
45-54	2	0.0*	2	0.0*	4	0.1*	5	0.1*	4	0.1*
55-64	6	0.1*	3	0.1*	1	0.0*	6	0.1*	5	0.1*
65+	5	0.1*	1	0.0*	1	0.0*	1	0.0*	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

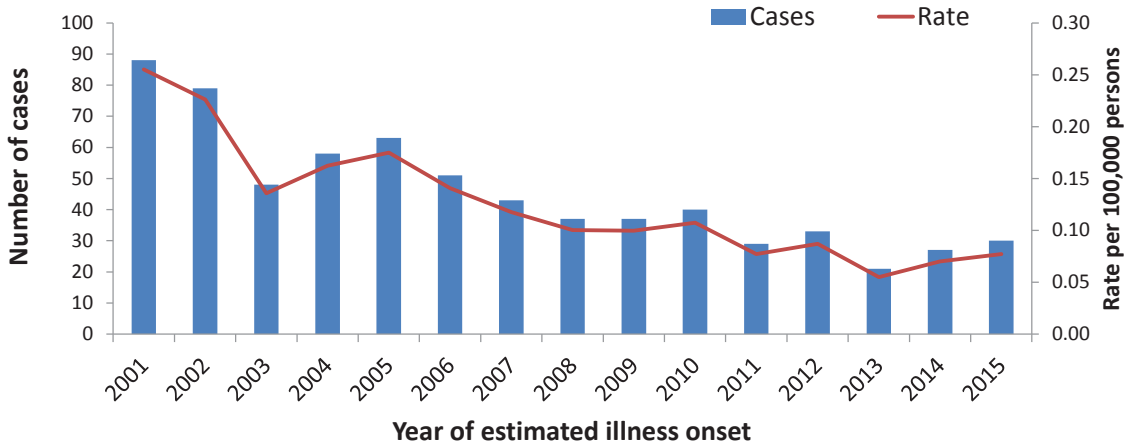
*Potentially unreliable rate, relative standard error 23 percent or more

Cysticercosis or Taeniasis, Cases by Race/Ethnicity, California, 2011–2015

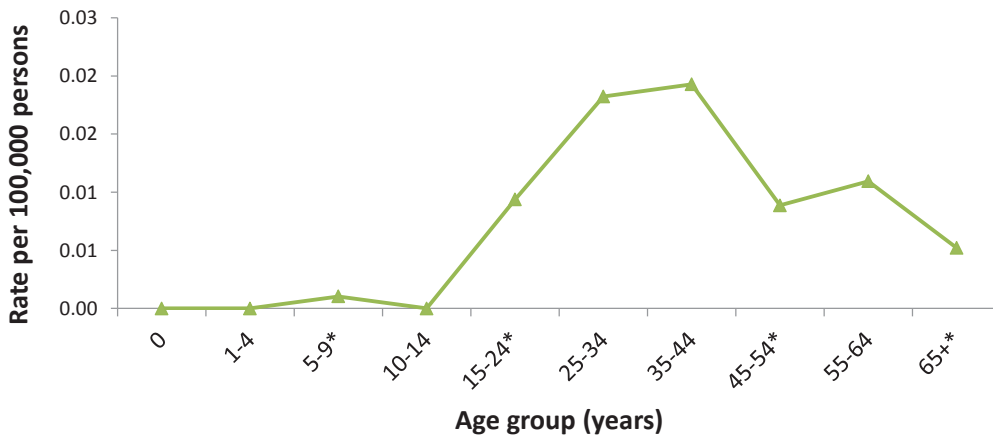
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	29	33	21	27	30
ASIAN/PACIFIC ISLANDER	3	1	0	2	1
BLACK, NOT HISPANIC	0	2	1	1	1
HISPANIC	19	21	18	17	24
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	2	2	0	3	2
OTHER OR MULTI-RACE	0	1	0	0	0
UNKNOWN	5	6	2	4	2

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Cysticercosis or Taeniasis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

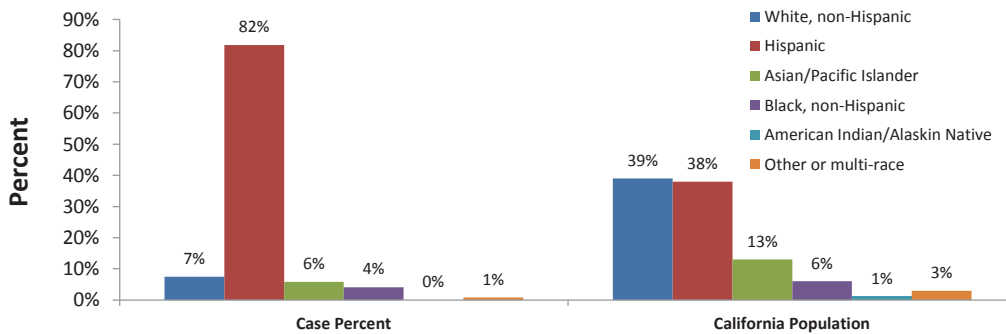


Cysticercosis or Taeniasis Incidence Rates by Age Group, 2011–2015



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

Cysticercosis or Taeniasis Cases and Population by Race/Ethnicity, 2011–2015



13.6% of reported incidents of Cysticercosis or Taeniasis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Dengue

Dengue, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	41	0.1	88	0.2	126	0.3	130	0.3	135	0.3
ALAMEDA COUNTY TOTAL	3	0.2*	12	0.8*	18	1.2*	5	0.3*	14	0.9*
ALAMEDA	1	0.1*	9	0.6*	14	1.0*	5	0.3*	12	0.8*
BERKELEY	2	1.7*	3	2.6*	4	3.4*	0	-	2	1.7*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.7*	0	-
BUTTE	0	-	0	-	1	0.5*	1	0.4*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	4	0.4*	3	0.3*	3	0.3*	7	0.6*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	1	0.1*	3	0.3*	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	1	0.6*	0	-	0	-	0	-	3	1.6*
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	2	0.2*	3	0.3*	1	0.1*
KINGS	0	-	0	-	2	1.3*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	2.9*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	12	0.1*	15	0.2*	25	0.2	36	0.4	34	0.3
LOS ANGELES	11	0.1*	14	0.1*	21	0.2	33	0.3	29	0.3
LONG BEACH	1	0.2*	1	0.2*	3	0.6*	3	0.6*	4	0.8*
PASADENA	0	-	0	-	1	0.7*	0	-	1	0.7*
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	4	1.6*	1	0.4*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	0	-	1	0.2*	2	0.5*
NAPA	0	-	0	-	3	2.1*	1	0.7*	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	5	0.2*	4	0.1*	7	0.2*	17	0.5*	12	0.4*
PLACER	0	-	0	-	1	0.3*	0	-	2	0.5*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	4	0.2*	4	0.2*	5	0.2*	6	0.3*
SACRAMENTO	2	0.1*	4	0.3*	2	0.1*	3	0.2*	5	0.3*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	4	0.2*	3	0.1*	7	0.3*	2	0.1*
SAN DIEGO	7	0.2*	9	0.3*	12	0.4*	8	0.2*	11	0.3*
SAN FRANCISCO	0	-	3	0.4*	3	0.4*	7	0.8*	4	0.5*
SAN JOAQUIN	0	-	0	-	2	0.3*	0	-	0	-
SAN LUIS OBISPO	0	-	1	0.4*	0	-	2	0.7*	1	0.4*
SAN MATEO	2	0.3*	4	0.5*	5	0.7*	6	0.8*	9	1.2*
SANTA BARBARA	1	0.2*	1	0.2*	4	0.9*	0	-	3	0.7*
SANTA CLARA	3	0.2*	13	0.7*	10	0.5*	13	0.7*	11	0.6*
SANTA CRUZ	0	-	1	0.4*	2	0.7*	0	-	3	1.1*
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	2	0.5*	0	-	0	-
SONOMA	0	-	3	0.6*	3	0.6*	5	1.0*	0	-
STANISLAUS	0	-	0	-	1	0.2*	0	-	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	2	0.2*	2	0.2*	1	0.1*	0	-
YOLO	0	-	1	0.5*	1	0.5*	2	1.0*	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Dengue

Dengue, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	41	88	126	130	135
JANUARY	6	1	4	10	10
FEBRUARY	1	4	4	2	9
MARCH	1	2	6	4	6
APRIL	0	4	4	2	10
MAY	1	4	4	7	9
JUNE	3	8	6	12	11
JULY	7	10	19	18	14
AUGUST	8	20	21	17	16
SEPTEMBER	5	5	9	8	11
OCTOBER	3	10	22	20	13
NOVEMBER	2	11	19	18	11
DECEMBER	4	9	8	12	15

Dengue, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	41	0.1	88	0.2	126	0.3	130	0.3	135	0.3
0	0	-	1	0.2*	0	-	0	-	0	-
1-4	1	0.0*	0	-	0	-	0	-	0	-
5-9	0	-	3	0.1*	2	0.1*	4	0.2*	4	0.2*
10-14	2	0.1*	4	0.2*	9	0.4*	2	0.1*	3	0.1*
15-24	6	0.1*	8	0.1*	23	0.4	17	0.3*	18	0.3*
25-34	9	0.2*	19	0.4	13	0.2*	16	0.3*	34	0.6
35-44	6	0.1*	12	0.2*	26	0.5	25	0.5	19	0.4
45-54	7	0.1*	21	0.4	21	0.4	25	0.5	27	0.5
55-64	4	0.1*	11	0.3*	19	0.4	31	0.7	17	0.4*
65+	4	0.1*	7	0.2*	11	0.2*	9	0.2*	12	0.2*
UNKNOWN	2	-	2	-	2	-	1	-	1	-

Rates are expressed as cases per 100,000 population.

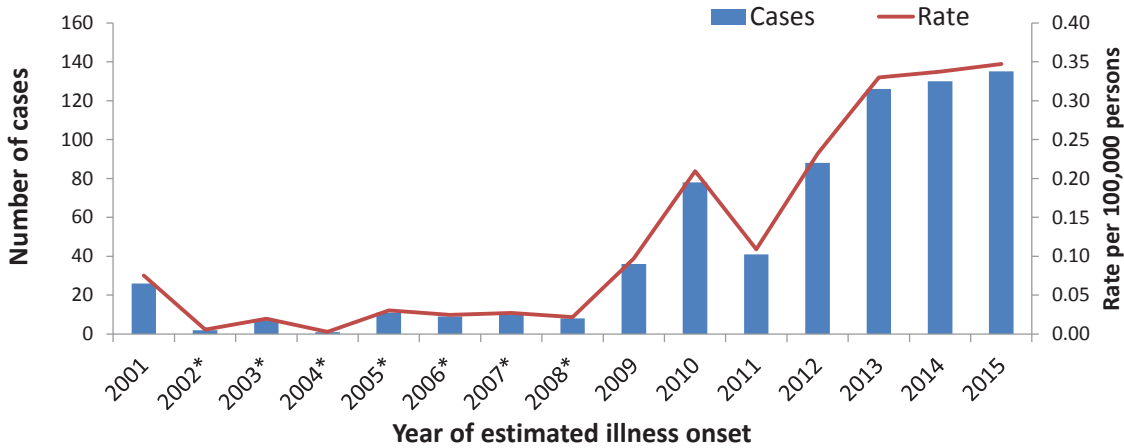
*Potentially unreliable rate, relative standard error 23 percent or more

Dengue, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	41	88	126	130	135
ASIAN/PACIFIC ISLANDER	21	30	30	23	29
BLACK, NOT HISPANIC	2	4	0	1	0
HISPANIC	8	15	29	38	40
AMERICAN INDIAN/ALASKAN NATIVE	0	1	0	0	0
WHITE, NOT HISPANIC	3	15	32	30	27
OTHER OR MULTI-RACE	4	3	2	5	5
UNKNOWN	3	20	33	33	34

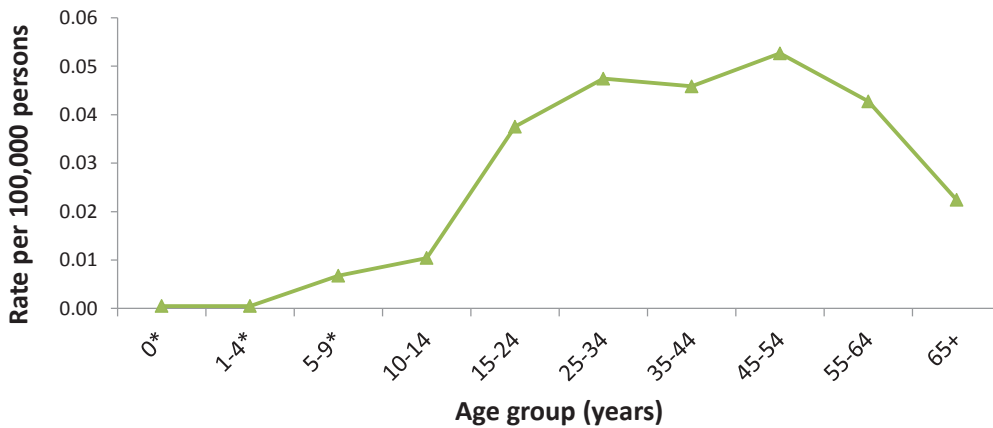
**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Dengue Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



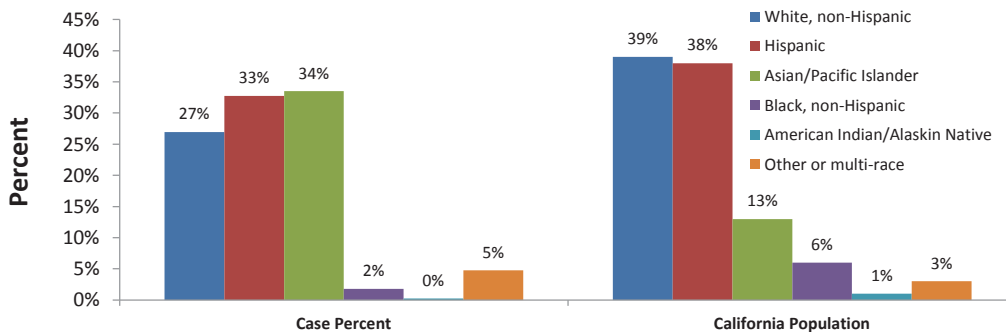
*Potentially unreliable rate, relative standard error 23 percent or more.

Dengue Incidence Rates by Age Group, 2011–2015



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

Dengue Cases and Population by Race/Ethnicity, 2011–2015



23.7% of reported incidents of Dengue did not identify race/ethnicity. 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 2011–2015

E. coli O157

E. coli O157, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	249	0.7	297	0.8	359	0.9	324	0.8	331	0.9
ALAMEDA COUNTY TOTAL	18	1.2*	24	1.6	26	1.7	30	1.9	15	0.9*
ALAMEDA	16	1.1*	22	1.5	22	1.5	28	1.9	15	1.0*
BERKELEY	2	1.7*	2	1.7*	4	3.4*	2	1.7*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.7*	1	2.7*	0	-
BUTTE	1	0.5*	10	4.5*	4	1.8*	2	0.9*	7	3.1*
CALAVERAS	1	2.2*	0	-	8	17.7*	0	-	1	2.2*
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	8	0.8*	9	0.8*	16	1.5*	8	0.7*	19	1.7
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	2	1.1*	4	2.2*	0	-	2	1.1*	2	1.1*
FRESNO	5	0.5*	4	0.4*	14	1.5*	7	0.7*	8	0.8*
GLENN	1	3.5*	2	7.0*	4	14.0*	0	-	2	6.9*
HUMBOLDT	13	9.5*	5	3.7*	6	4.4*	5	3.7*	8	5.8*
IMPERIAL	0	-	0	-	0	-	1	0.5*	2	1.1*
INYO	0	-	0	-	0	-	1	5.2*	0	-
KERN	8	0.9*	3	0.3*	5	0.6*	7	0.8*	7	0.8*
KINGS	3	2.0*	2	1.3*	2	1.3*	7	4.6*	1	0.6*
LAKE	1	1.5*	1	1.5*	2	3.1*	0	-	0	-
LASSEN	0	-	5	14.3*	0	-	0	-	1	2.8*
LOS ANGELES COUNTY TOTAL	28	0.3	25	0.3	28	0.3	29	0.3	19	0.2
LOS ANGELES	27	0.3	21	0.2	24	0.3	26	0.3	19	0.2
LONG BEACH	1	0.2*	4	0.8*	3	0.6*	2	0.4*	0	-
PASADENA	0	-	0	-	1	0.7*	1	0.7*	0	-
MADERA	1	0.7*	2	1.3*	4	2.6*	1	0.6*	0	-
MARIN	1	0.4*	1	0.4*	10	3.9*	8	3.1*	6	2.3*
MARIPOSA	1	5.5*	0	-	0	-	0	-	2	11.0*
MENDOCINO	0	-	0	-	0	-	1	1.1*	1	1.1*
MERCED	10	3.8*	14	5.3*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	3	31.9*	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	7	1.7*	8	1.9*	4	0.9*	9	2.1*	11	2.6*
NAPA	2	1.4*	0	-	4	2.9*	0	-	0	-
NEVADA	2	2.0*	0	-	2	2.0*	0	-	4	4.1*
ORANGE	5	0.2*	22	0.7	22	0.7	9	0.3*	16	0.5*
PLACER	2	0.6*	6	1.7*	1	0.3*	6	1.6*	11	2.9*
PLUMAS	0	-	0	-	0	-	1	5.2*	0	-
RIVERSIDE	4	0.2*	7	0.3*	11	0.5*	3	0.1*	4	0.2*
SACRAMENTO	6	0.4*	16	1.1*	8	0.6*	28	1.9	21	1.4
SAN BENITO	2	3.6*	1	1.8*	0	-	0	-	3	5.1*
SAN BERNARDINO	6	0.3*	8	0.4*	7	0.3*	5	0.2*	4	0.2*
SAN DIEGO	11	0.4*	15	0.5*	16	0.5*	6	0.2*	10	0.3*
SAN FRANCISCO	8	1.0*	7	0.8*	20	2.4	14	1.7*	14	1.6*
SAN JOAQUIN	10	1.4*	10	1.4*	11	1.6*	15	2.1*	13	1.8*
SAN LUIS OBISPO	1	0.4*	5	1.8*	10	3.7*	6	2.2*	7	2.6*
SAN MATEO	9	1.2*	7	1.0*	15	2.0*	14	1.9*	9	1.2*
SANTA BARBARA	1	0.2*	4	0.9*	6	1.4*	0	-	5	1.1*
SANTA CLARA	23	1.3	19	1.0	39	2.1	31	1.7	37	2.0
SANTA CRUZ	3	1.1*	2	0.7*	3	1.1*	9	3.3*	3	1.1*
SHASTA	4	2.2*	0	-	0	-	5	2.8*	3	1.7*
SIERRA	0	-	0	-	0	-	1	30.6*	0	-
SISKIYOU	0	-	0	-	3	6.6*	0	-	1	2.2*
SOLANO	3	0.7*	4	1.0*	2	0.5*	3	0.7*	12	2.8*
SONOMA	10	2.1*	10	2.0*	12	2.4*	12	2.4*	11	2.2*
STANISLAUS	9	1.7*	13	2.5*	12	2.3*	10	1.9*	12	2.2*
SUTTER	0	-	3	3.1*	1	1.0*	1	1.0*	0	-
TEHAMA	2	3.1*	3	4.7*	1	1.6*	0	-	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	6	1.3*	6	1.3*	4	0.9*	11	2.4*	6	1.3*
TUOLUMNE	0	-	0	-	3	5.5*	3	5.5*	3	5.5*
VENTURA	5	0.6*	9	1.1*	5	0.6*	3	0.4*	4	0.5*
YOLO	4	2.0*	0	-	3	1.5*	3	1.4*	5	2.4*
YUBA	2	2.7*	1	1.4*	4	5.4*	3	4.0*	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

E. coli O157

E. coli O157, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	249	297	359	324	331
JANUARY	9	8	6	11	9
FEBRUARY	6	13	6	9	13
MARCH	10	12	15	18	14
APRIL	11	24	25	17	29
MAY	14	18	36	22	28
JUNE	12	29	18	26	26
JULY	28	36	43	61	35
AUGUST	33	53	49	36	46
SEPTEMBER	38	33	57	35	37
OCTOBER	44	33	70	36	55
NOVEMBER	37	25	21	35	29
DECEMBER	7	13	13	18	10

E. coli O157, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	249	0.7	297	0.8	359	0.9	324	0.8	331	0.9
0	6	1.2*	7	1.4*	3	0.6*	4	0.8*	2	0.4*
1-4	68	3.4	70	3.5	93	4.7	94	4.7	93	4.6
5-9	42	1.7	45	1.8	72	2.8	55	2.2	48	1.9
10-14	20	0.8	32	1.3	21	0.8	31	1.2	34	1.4
15-24	24	0.4	46	0.8	48	0.9	38	0.7	48	0.9
25-34	15	0.3*	27	0.5	38	0.7	27	0.5	23	0.4
35-44	13	0.3*	13	0.3*	15	0.3*	16	0.3*	15	0.3*
45-54	17	0.3*	20	0.4	19	0.4	15	0.3*	16	0.3*
55-64	22	0.5	12	0.3*	16	0.4*	21	0.5	18	0.4*
65+	20	0.5	23	0.5	32	0.7	23	0.5	29	0.6
UNKNOWN	2	-	2	-	2	-	0	-	5	-

Rates are expressed as cases per 100,000 population.

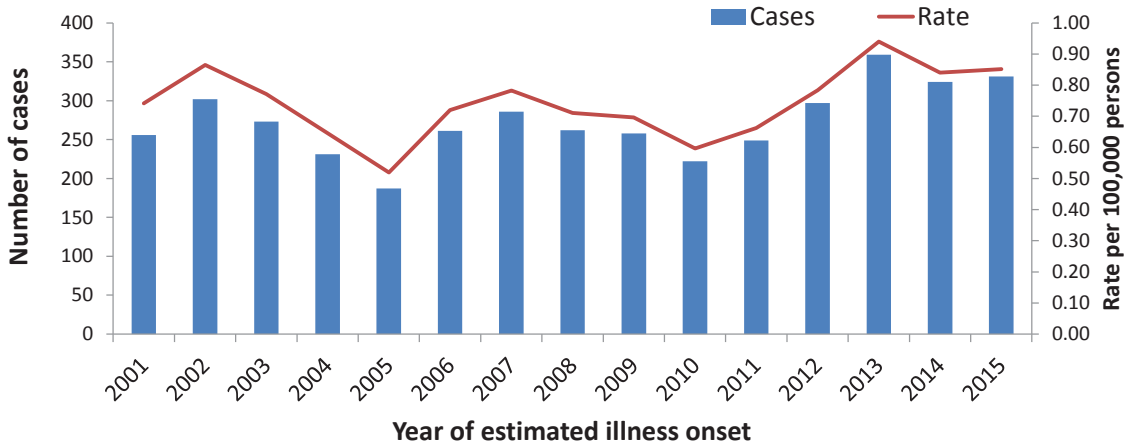
*Potentially unreliable rate, relative standard error 23 percent or more

E. coli O157, Cases by Race/Ethnicity, California, 2011–2015

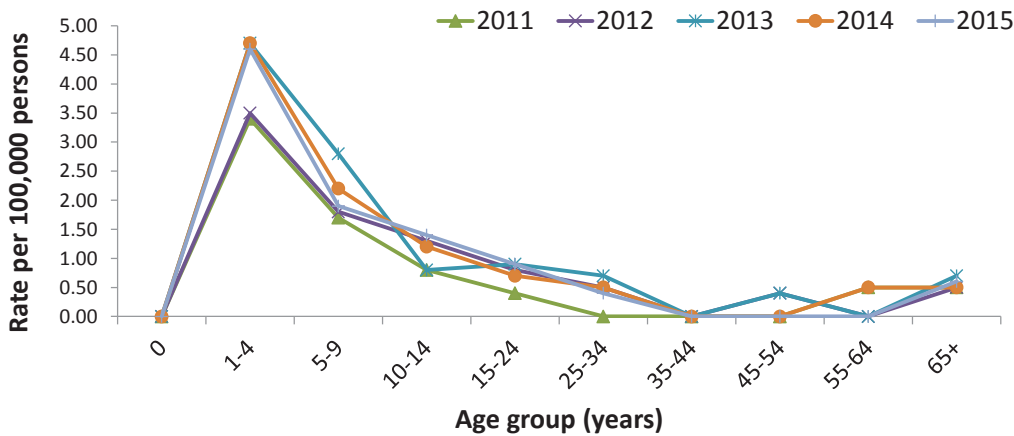
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	249	297	359	324	331
ASIAN/PACIFIC ISLANDER	19	26	35	25	21
BLACK, NOT HISPANIC	7	7	12	16	11
HISPANIC	69	65	86	76	74
AMERICAN INDIAN/ALASKAN NATIVE	4	0	1	0	1
WHITE, NOT HISPANIC	107	147	154	146	156
OTHER OR MULTI-RACE	9	6	8	10	14
UNKNOWN	34	46	63	51	54

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

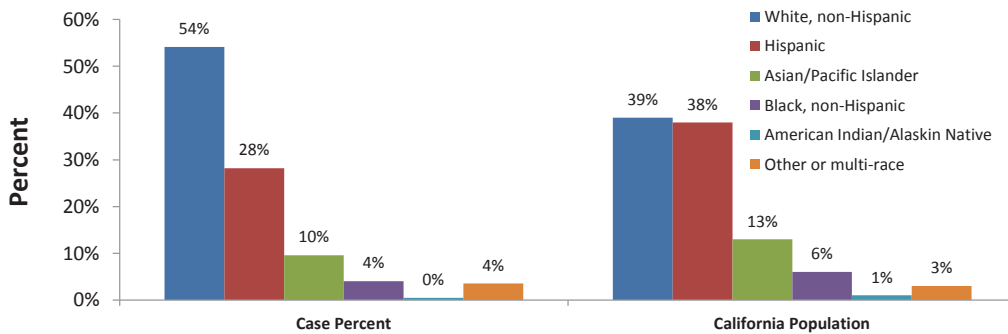
E. coli O157 Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



E. coli O157 Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



E. coli O157 Cases and Population by Race/Ethnicity, 2011–2015



15.9% of reported incidents of E. coli O157 did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

E. coli Other STEC (non-O157)

E. coli Other STEC (non-O157), Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	240	0.6	288	0.8	269	0.7	370	1.0	602	1.5
ALAMEDA COUNTY TOTAL	15	1.0*	12	0.8*	14	0.9*	22	1.4	60	3.8
ALAMEDA	13	0.9*	10	0.7*	10	0.7*	21	1.4	56	3.8
BERKELEY	2	1.7*	2	1.7*	4	3.4*	1	0.9*	4	3.4*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.7*	1	2.7*
BUTTE	0	-	4	1.8*	1	0.5*	2	0.9*	3	1.3*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	1	4.6*	0	-	1	4.5*	0	-	0	-
CONTRA COSTA	3	0.3*	4	0.4*	12	1.1*	24	2.2	38	3.4
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-	2	1.1*	3	1.6*
FRESNO	11	1.2*	4	0.4*	5	0.5*	16	1.7*	10	1.0*
GLENN	0	-	0	-	1	3.5*	1	3.5*	1	3.4*
HUMBOLDT	1	0.7*	1	0.7*	0	-	0	-	2	1.5*
IMPERIAL	1	0.6*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	5	0.6*	3	0.3*	2	0.2*	5	0.6*	10	1.1*
KINGS	0	-	0	-	0	-	2	1.3*	1	0.6*
LAKE	1	1.5*	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	48	0.5	74	0.7	77	0.8	60	0.6	78	0.8
LOS ANGELES	47	0.5	73	0.8	74	0.8	57	0.6	77	0.8
LONG BEACH	0	-	0	-	2	0.4*	2	0.4*	1	0.2*
PASADENA	1	0.7*	1	0.7*	1	0.7*	1	0.7*	0	-
MADERA	0	-	1	0.7*	0	-	2	1.3*	3	1.9*
MARIN	2	0.8*	2	0.8*	4	1.6*	7	2.7*	12	4.6*
MARIPOSA	0	-	0	-	0	-	1	5.5*	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	0	-
MERCED	2	0.8*	1	0.4*	0	-	0	-	1	0.4*
MODOC	0	-	0	-	2	21.1*	1	10.6*	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	11	2.6*	7	1.7*	7	1.7*	21	4.9	10	2.3*
NAPA	1	0.7*	1	0.7*	3	2.1*	1	0.7*	5	3.5*
NEVADA	2	2.0*	0	-	0	-	0	-	0	-
ORANGE	23	0.8	30	1.0	22	0.7	19	0.6	33	1.0
PLACER	0	-	1	0.3*	2	0.5*	4	1.1*	9	2.4*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.2*	12	0.5*	13	0.6*	7	0.3*	15	0.6*
SACRAMENTO	1	0.1*	2	0.1*	7	0.5*	15	1.0*	42	2.8
SAN BENITO	0	-	1	1.8*	0	-	1	1.7*	0	-
SAN BERNARDINO	8	0.4*	11	0.5*	7	0.3*	13	0.6*	17	0.8*
SAN DIEGO	25	0.8	35	1.1	22	0.7	29	0.9	32	1.0
SAN FRANCISCO	7	0.9*	5	0.6*	1	0.1*	8	1.0*	18	2.1*
SAN JOAQUIN	2	0.3*	6	0.9*	4	0.6*	8	1.1*	21	2.9
SAN LUIS OBISPO	1	0.4*	5	1.8*	3	1.1*	7	2.6*	4	1.5*
SAN MATEO	3	0.4*	10	1.4*	6	0.8*	15	2.0*	20	2.7
SANTA BARBARA	6	1.4*	6	1.4*	7	1.6*	14	3.2*	9	2.0*
SANTA CLARA	18	1.0*	25	1.4	14	0.8*	22	1.2	70	3.7
SANTA CRUZ	5	1.9*	4	1.5*	7	2.6*	3	1.1*	4	1.5*
SHASTA	1	0.6*	3	1.7*	4	2.2*	3	1.7*	2	1.1*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	1	2.2*	0	-	0	-
SOLANO	3	0.7*	0	-	2	0.5*	1	0.2*	16	3.7*
SONOMA	9	1.8*	1	0.2*	2	0.4*	14	2.8*	16	3.2*
STANISLAUS	7	1.4*	2	0.4*	4	0.8*	8	1.5*	14	2.6*
SUTTER	0	-	0	-	2	2.1*	0	-	4	4.1*
TEHAMA	1	1.6*	1	1.6*	1	1.6*	1	1.5*	1	1.5*
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	3	0.7*	5	1.1*	1	0.2*	4	0.9*
TUOLUMNE	0	-	0	-	0	-	0	-	1	1.8*
VENTURA	9	1.1*	8	1.0*	3	0.4*	4	0.5*	6	0.7*
YOLO	0	-	1	0.5*	0	-	5	2.4*	4	1.9*
YUBA	0	-	0	-	1	1.4*	0	-	2	2.7*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

E. coli Other STEC (non-O157)

E. coli Other STEC (non-O157), Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	240	288	269	370	602
JANUARY	19	17	15	16	46
FEBRUARY	9	21	15	13	32
MARCH	17	24	20	22	43
APRIL	12	21	31	29	42
MAY	24	33	31	33	61
JUNE	27	35	25	30	40
JULY	37	33	38	40	75
AUGUST	32	31	28	35	69
SEPTEMBER	18	24	21	31	63
OCTOBER	17	28	21	49	69
NOVEMBER	17	10	13	37	39
DECEMBER	11	11	11	35	23

E. coli Other STEC (non-O157), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	240	0.6	288	0.8	269	0.7	370	1.0	602	1.5
0	23	4.5	9	1.8*	13	2.6*	12	2.4*	23	4.5
1-4	97	4.8	124	6.2	116	5.8	130	6.5	173	8.6
5-9	22	0.9	25	1.0	26	1.0	32	1.3	64	2.5
10-14	19	0.7	19	0.8	17	0.7*	33	1.3	41	1.6
15-24	28	0.5	40	0.7	32	0.6	48	0.9	89	1.6
25-34	13	0.2*	16	0.3*	20	0.4	25	0.5	45	0.8
35-44	8	0.2*	13	0.3*	6	0.1*	12	0.2*	40	0.8
45-54	7	0.1*	12	0.2*	8	0.2*	26	0.5	33	0.6
55-64	10	0.2*	13	0.3*	12	0.3*	16	0.4*	33	0.7
65+	13	0.3*	17	0.4*	18	0.4*	32	0.6	55	1.1
UNKNOWN	0	-	0	-	1	-	4	-	6	-

Rates are expressed as cases per 100,000 population.

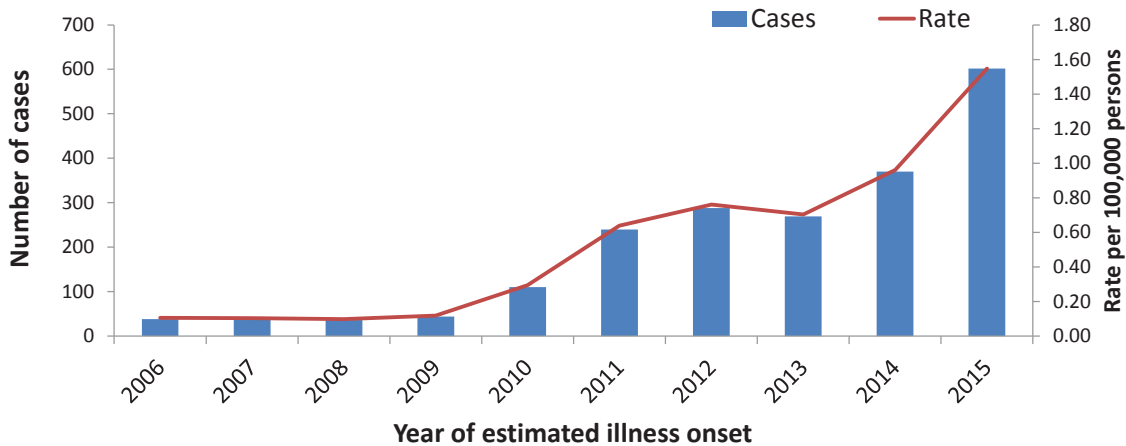
*Potentially unreliable rate, relative standard error 23 percent or more

E. coli Other STEC (non-O157), Cases by Race/Ethnicity, California, 2011–2015

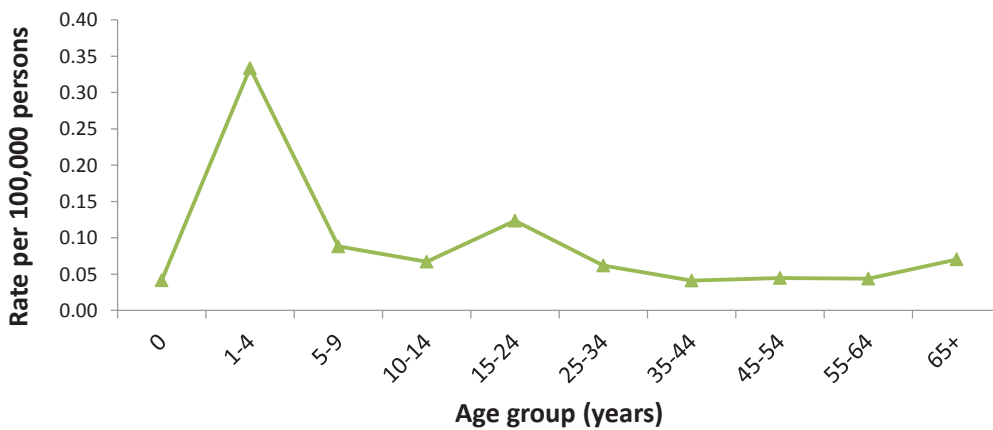
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	240	288	269	370	602
ASIAN/PACIFIC ISLANDER	6	13	7	14	24
BLACK, NOT HISPANIC	4	2	5	6	23
HISPANIC	115	134	135	140	217
AMERICAN INDIAN/ALASKAN NATIVE	2	0	0	1	2
WHITE, NOT HISPANIC	85	91	84	118	220
OTHER OR MULTI-RACE	4	9	10	10	15
UNKNOWN	24	39	28	81	101

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

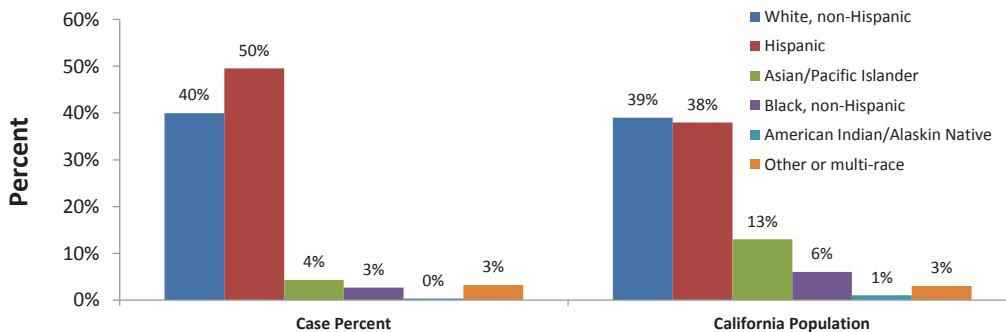
E. coli Other STEC (non-O157) Counts and Incidence Rates by Year of Estimated Illness Onset, 2006–2015



E. coli Other STEC (non-O157) Incidence Rates by Age Group, 2011–2015



E. coli Other STEC (non-O157) Cases and Population by Race/Ethnicity, 2011–2015



15.4% of reported incidents of E. coli Other STEC (non-O157) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Giardiasis

Giardiasis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1,726	4.6	1,788	4.7	2,003	5.2	1,858	4.8	2,166	5.6
ALAMEDA COUNTY TOTAL	121	7.9	104	6.8	108	6.9	109	6.9	167	10.4
ALAMEDA	105	7.4	95	6.7	84	5.8	90	6.1	147	9.9
BERKELEY	16	14.0*	9	7.8*	24	20.7	19	16.2	20	16.8
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	6	16.1*	1	2.7*	1	2.7*	1	2.7*
BUTTE	16	7.2*	4	1.8*	11	5.0*	11	4.9*	18	7.9*
CALAVERAS	3	6.6*	3	6.6*	0	-	2	4.4*	2	4.4*
COLUSA	5	23.0*	0	-	0	-	0	-	0	-
CONTRA COSTA	46	4.3	59	5.5	59	5.5	38	3.5	66	6.0
DEL NORTE	2	6.9*	2	6.9*	0	-	0	-	1	3.5*
EL DORADO	12	6.6*	9	4.9*	4	2.2*	6	3.3*	9	4.9*
FRESNO	16	1.7*	11	1.2*	18	1.9*	20	2.1	34	3.5
GLENN	0	-	0	-	1	3.5*	2	6.9*	0	-
HUMBOLDT	12	8.8*	20	14.7	17	12.5*	10	7.3*	20	14.6
IMPERIAL	0	-	4	2.2*	1	0.6*	1	0.5*	1	0.5*
INYO	0	-	0	-	0	-	1	5.2*	0	-
KERN	27	3.2	16	1.9*	15	1.7*	24	2.7	14	1.6*
KINGS	1	0.7*	0	-	1	0.7*	12	7.8*	4	2.6*
LAKE	1	1.5*	2	3.1*	3	4.6*	1	1.5*	3	4.5*
LASSEN	0	-	0	-	2	5.7*	2	5.7*	0	-
LOS ANGELES COUNTY TOTAL	326	3.3	332	3.3	439	4.4	385	3.8	395	3.9
LOS ANGELES	301	3.2	314	3.4	405	4.3	358	3.8	372	3.9
LONG BEACH	21	4.5	15	3.2*	22	4.6	18	3.8*	17	3.5*
PASADENA	4	2.9*	3	2.2*	12	8.6*	9	6.4*	6	4.3*
MADERA	1	0.7*	3	2.0*	2	1.3*	5	3.2*	3	1.9*
MARIN	30	11.8	40	15.7	39	15.2	32	12.4	33	12.8
MARIPOSA	0	-	0	-	2	11.0*	0	-	2	11.0*
MENDOCINO	7	7.9*	12	13.5*	9	10.1*	7	7.9*	7	7.9*
MERCED	6	2.3*	6	2.3*	3	1.1*	1	0.4*	0	-
MODOC	0	-	0	-	0	-	1	10.6*	0	-
MONO	0	-	0	-	0	-	2	13.9*	0	-
MONTEREY	12	2.9*	14	3.3*	8	1.9*	9	2.1*	15	3.5*
NAPA	4	2.9*	9	6.5*	12	8.6*	7	5.0*	10	7.0*
NEVADA	10	10.1*	9	9.1*	9	9.2*	12	12.2*	12	12.2*
ORANGE	140	4.6	111	3.6	149	4.8	122	3.9	125	4.0
PLACER	24	6.7	12	3.3*	32	8.8	16	4.3*	15	4.0*
PLUMAS	0	-	7	35.4*	1	5.1*	2	10.3*	4	20.6*
RIVERSIDE	22	1.0	48	2.1	55	2.4	64	2.8	62	2.7
SACRAMENTO	65	4.5	64	4.5	83	5.7	61	4.2	154	10.4
SAN BENITO	1	1.8*	4	7.0*	3	5.2*	2	3.4*	4	6.8*
SAN BERNARDINO	39	1.9	28	1.4	48	2.3	53	2.5	47	2.2
SAN DIEGO	245	7.8	241	7.6	263	8.3	254	7.9	316	9.7
SAN FRANCISCO	173	21.2	179	21.7	197	23.6	160	19.0	192	22.6
SAN JOAQUIN	44	6.3	34	4.9	36	5.1	20	2.8	22	3.0
SAN LUIS OBISPO	17	6.3*	16	5.9*	7	2.6*	10	3.7*	16	5.8*
SAN MATEO	57	7.8	54	7.3	47	6.3	48	6.4	52	6.9
SANTA BARBARA	27	6.3	23	5.4	21	4.8	30	6.9	17	3.9*
SANTA CLARA	89	4.9	123	6.7	124	6.7	140	7.5	115	6.1
SANTA CRUZ	10	3.8*	20	7.4	19	7.0	19	7.0	15	5.5*
SHASTA	3	1.7*	5	2.8*	5	2.8*	3	1.7*	9	5.0*
SIERRA	1	30.6*	0	-	0	-	0	-	0	-
SISKIYOU	1	2.2*	7	15.4*	5	11.1*	0	-	0	-
SOLANO	10	2.4*	19	4.5	13	3.1*	17	4.0*	27	6.2
SONOMA	36	7.4	49	10.0	37	7.5	39	7.8	50	10.0
STANISLAUS	13	2.5*	11	2.1*	18	3.4*	26	4.9	27	5.0
SUTTER	0	-	3	3.1*	4	4.1*	2	2.1*	2	2.0*
TEHAMA	2	3.1*	5	7.8*	0	-	1	1.5*	3	4.6*
TRINITY	0	-	0	-	1	7.3*	0	-	5	36.2*
TULARE	9	2.0*	22	4.9	16	3.5*	19	4.1	12	2.6*
TUOLUMNE	1	1.8*	1	1.8*	0	-	3	5.5*	3	5.5*
VENTURA	19	2.3	30	3.6	34	4.0	36	4.3	43	5.1
YOLO	20	9.9	6	2.9*	16	7.7*	8	3.8*	12	5.7*
YUBA	0	-	1	1.4*	5	6.8*	2	2.7*	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Giardiasis

Giardiasis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1,726	1,788	2,003	1,858	2,166
JANUARY	131	125	206	139	165
FEBRUARY	114	98	149	144	134
MARCH	156	121	170	135	150
APRIL	140	134	129	145	175
MAY	133	140	150	145	165
JUNE	144	140	169	128	158
JULY	175	167	206	188	190
AUGUST	173	185	229	186	200
SEPTEMBER	169	174	202	191	169
OCTOBER	139	168	145	153	245
NOVEMBER	130	154	118	166	230
DECEMBER	122	182	130	138	185

Giardiasis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,726	4.6	1,788	4.7	2,003	5.2	1,858	4.8	2,166	5.6
0	20	3.9	4	0.8*	12	2.4*	5	1.0*	2	0.4*
1-4	177	8.8	153	7.6	159	8.0	155	7.8	208	10.4
5-9	135	5.4	121	4.8	134	5.3	124	4.9	157	6.2
10-14	75	2.9	87	3.4	83	3.3	66	2.6	84	3.3
15-24	189	3.4	206	3.7	230	4.1	216	3.9	255	4.6
25-34	225	4.2	240	4.4	296	5.4	295	5.4	359	6.5
35-44	281	5.4	285	5.5	297	5.8	285	5.5	308	6.0
45-54	252	4.8	279	5.3	329	6.3	289	5.5	345	6.6
55-64	198	4.7	229	5.3	244	5.5	230	5.1	244	5.2
65+	167	3.8	176	3.8	207	4.3	185	3.7	197	3.8
UNKNOWN	7	-	8	-	12	-	8	-	7	-

Rates are expressed as cases per 100,000 population.

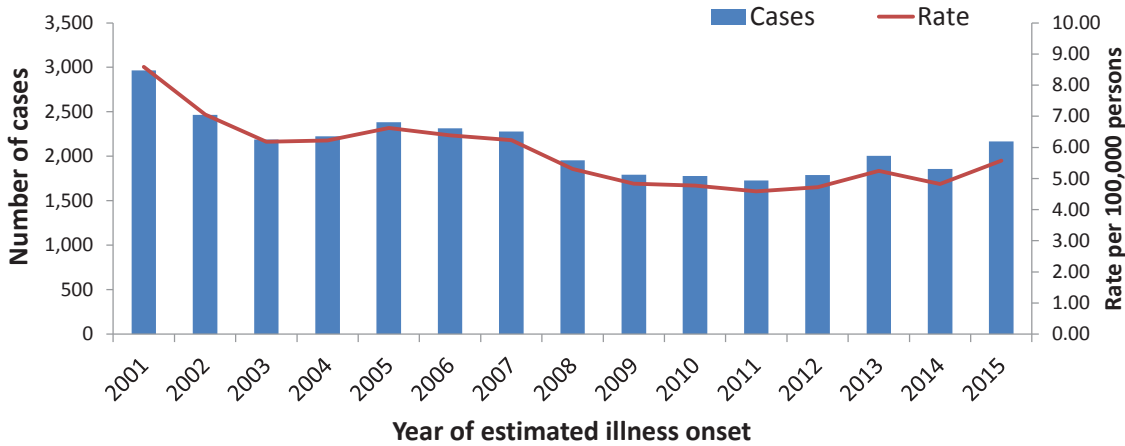
*Potentially unreliable rate, relative standard error 23 percent or more

Giardiasis, Cases by Race/Ethnicity, California, 2011–2015

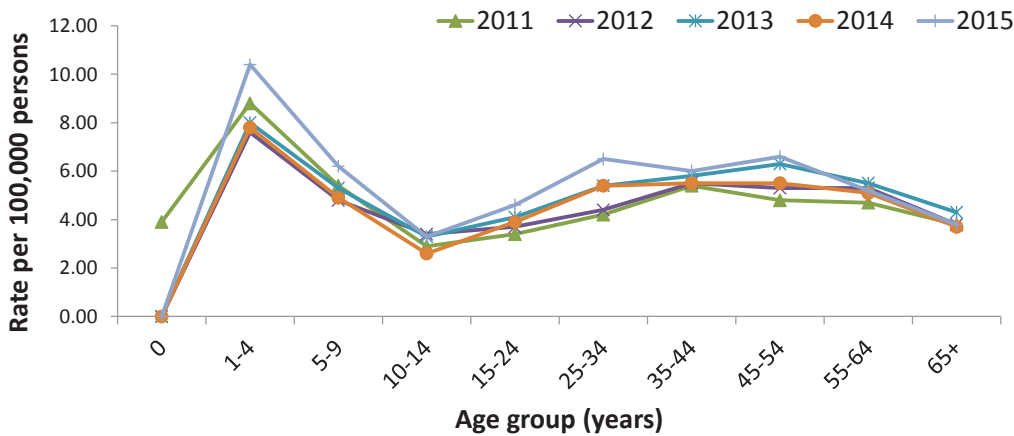
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1,726	1,788	2,003	1,858	2,166
ASIAN/PACIFIC ISLANDER	101	89	59	96	66
BLACK, NOT HISPANIC	71	62	55	67	69
HISPANIC	252	239	260	253	248
AMERICAN INDIAN/ALASKAN NATIVE	2	4	3	5	4
WHITE, NOT HISPANIC	494	498	601	564	784
OTHER OR MULTI-RACE	35	36	47	60	75
UNKNOWN	771	860	978	813	920

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

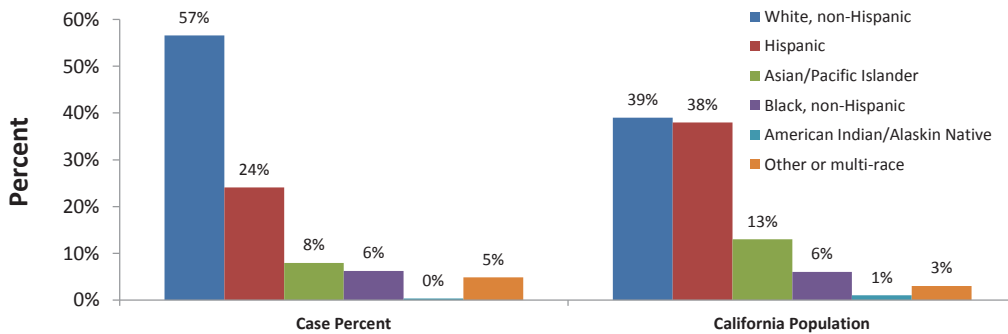
Giardiasis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Giardiasis Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



Giardiasis Cases and Population by Race/Ethnicity, 2011–2015



45.5% of reported incidents of Giardiasis did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	10	0.0*	3	0.0*	1	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	2	0.1*	0	-	0	-	0	-
ALAMEDA	0	-	2	0.1*	0	-	0	-	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	0	-	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	1	0.1*	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	1	5.2*	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*	0	-	0	-
LOS ANGELES	0	-	0	-	1	0.0*	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	-	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	-	1	6.9*	0	-	0	-	2	13.8*
MONTEREY	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-	0	-	0	-
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	-	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	-	1	0.5*	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Hantavirus Infection

Hantavirus Infection, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	10	3	1	2
JANUARY	0	1	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	0	0	0
APRIL	0	0	0	0	0
MAY	0	1	1	0	0
JUNE	0	0	1	1	0
JULY	0	5	0	0	2
AUGUST	0	3	1	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Hantavirus Infection, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	10	0.0*	3	0.0*	1	0.0*	2	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	1	0.0*	1	0.0*	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	1	0.0*	0	-	0	-	0	-
35-44	0	-	4	0.1*	0	-	0	-	1	0.0*
45-54	0	-	3	0.1*	1	0.0*	0	-	1	0.0*
55-64	0	-	1	0.0*	1	0.0*	0	-	0	-
65+	0	-	0	-	0	-	1	0.0*	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

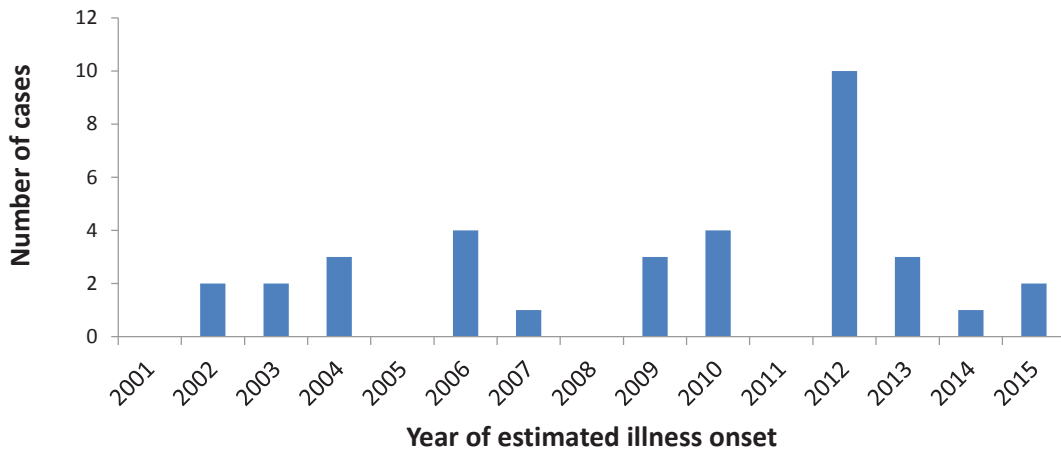
*Potentially unreliable rate, relative standard error 23 percent or more

Hantavirus Infection, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	10	3	1	2
ASIAN/PACIFIC ISLANDER	0	3	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	2	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	4	3	1	2
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	1	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Hantavirus Infection counts by year, 2001–2015



Hemolytic Uremic Syndrome

Hemolytic Uremic Syndrome, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	47	0.1	42	0.1	60	0.2	39	0.1	38	0.1
ALAMEDA COUNTY TOTAL	3	0.2*	4	0.3*	2	0.1*	4	0.3*	3	0.2*
ALAMEDA	3	0.2*	4	0.3*	2	0.1*	4	0.3*	3	0.2*
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*	0	-	2	0.9*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	4	0.4*	2	0.2*	4	0.4*	2	0.2*	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	2	0.2*	1	0.1*	3	0.3*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	4	2.9*	1	0.7*	2	1.5*
IMPERIAL	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	0	-	0	-	3	0.3*
KINGS	1	0.7*	0	-	0	-	3	2.0*	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	6	0.1*	4	0.0*	6	0.1*	3	0.0*	2	0.0*
LOS ANGELES	6	0.1*	4	0.0*	6	0.1*	3	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	1	0.7*	0	-	1	0.7*	0	-	0	-
MARIN	0	-	0	-	3	1.2*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	1	5.5*
MENDOCINO	1	1.1*	0	-	0	-	0	-	0	-
MERCED	1	0.4*	3	1.1*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	0	-	0	-	3	0.7*	0	-
NAPA	1	0.7*	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	4	0.1*	1	0.0*	0	-	0	-
PLACER	0	-	2	0.6*	1	0.3*	0	-	3	0.8*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	0	-	0	-	2	0.1*
SACRAMENTO	1	0.1*	2	0.1*	3	0.2*	3	0.2*	6	0.4*
SAN BENITO	0	-	1	1.8*	0	-	0	-	1	1.7*
SAN BERNARDINO	0	-	1	0.0*	0	-	1	0.0*	0	-
SAN DIEGO	3	0.1*	4	0.1*	2	0.1*	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	0	-	7	0.8*	0	-	2	0.2*
SAN JOAQUIN	1	0.1*	2	0.3*	3	0.4*	2	0.3*	0	-
SAN LUIS OBISPO	0	-	0	-	2	0.7*	2	0.7*	0	-
SAN MATEO	0	-	0	-	1	0.1*	1	0.1*	2	0.3*
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-
SANTA CLARA	3	0.2*	4	0.2*	7	0.4*	0	-	4	0.2*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	3	0.7*	0	-	0	-
SONOMA	5	1.0*	2	0.4*	2	0.4*	4	0.8*	0	-
STANISLAUS	3	0.6*	1	0.2*	2	0.4*	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	4	0.9*	0	-	1	0.2*	2	0.4*	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*
YOLO	1	0.5*	0	-	0	-	1	0.5*	0	-
YUBA	1	1.4*	0	-	2	2.7*	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Hemolytic Uremic Syndrome

Hemolytic Uremic Syndrome, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	47	42	60	39	38
JANUARY	0	2	0	0	0
FEBRUARY	1	8	1	2	1
MARCH	3	2	1	3	1
APRIL	2	2	2	2	4
MAY	2	3	3	6	2
JUNE	1	4	4	4	4
JULY	8	6	9	2	5
AUGUST	5	5	13	4	4
SEPTEMBER	5	4	10	3	4
OCTOBER	9	3	11	7	9
NOVEMBER	8	1	4	3	2
DECEMBER	3	2	2	3	2

Hemolytic Uremic Syndrome, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	47	0.1	42	0.1	60	0.2	39	0.1	38	0.1
0	1	0.2*	1	0.2*	1	0.2*	0	-	1	0.2*
1-4	21	1.0	19	0.9	27	1.4	24	1.2	19	0.9
5-9	12	0.5*	8	0.3*	12	0.5*	7	0.3*	7	0.3*
10-14	4	0.2*	8	0.3*	1	0.0*	2	0.1*	4	0.2*
15-24	3	0.1*	2	0.0*	7	0.1*	1	0.0*	0	-
25-34	1	0.0*	0	-	2	0.0*	0	-	0	-
35-44	0	-	0	-	1	0.0*	0	-	0	-
45-54	2	0.0*	0	-	0	-	1	0.0*	3	0.1*
55-64	2	0.0*	1	0.0*	2	0.0*	3	0.1*	3	0.1*
65+	1	0.0*	3	0.1*	6	0.1*	1	0.0*	1	0.0*
UNKNOWN	0	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

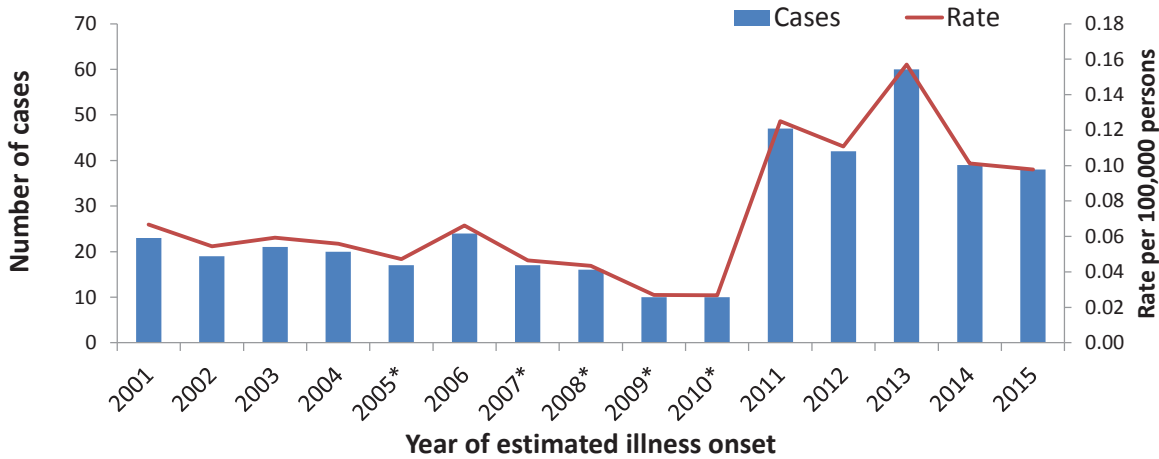
*Potentially unreliable rate, relative standard error 23 percent or more

Hemolytic Uremic Syndrome, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	47	42	60	39	38
ASIAN/PACIFIC ISLANDER	2	2	5	5	2
BLACK, NOT HISPANIC	1	1	1	2	1
HISPANIC	13	13	12	12	11
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	24	19	34	13	18
OTHER OR MULTI-RACE	4	2	1	0	2
UNKNOWN	3	5	7	7	4

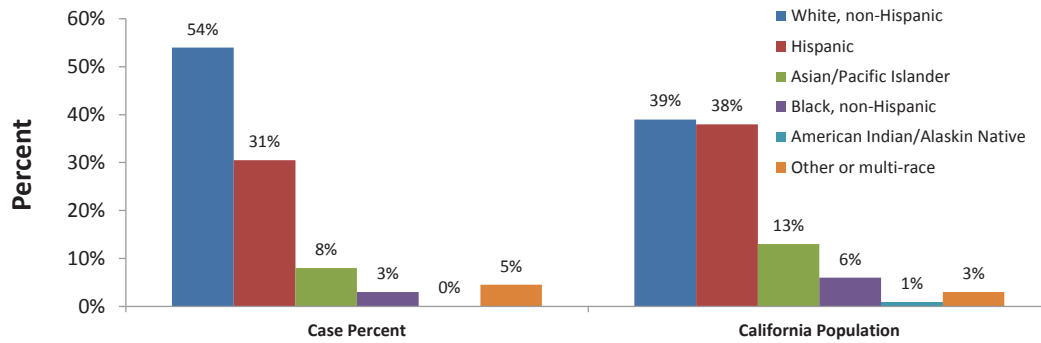
**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Hemolytic Uremic Syndrome Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



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

Hemolytic Uremic Syndrome Cases and Population by Race/Ethnicity, 2011–2015



11.5% of reported incidents of Hemolytic Uremic Syndrome did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Legionellosis

Legionellosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	254	0.7	251	0.7	206	0.5	353	0.9	455	1.2
ALAMEDA COUNTY TOTAL	5	0.3*	5	0.3*	4	0.3*	7	0.4*	19	1.2
ALAMEDA	5	0.4*	3	0.2*	3	0.2*	7	0.5*	19	1.3
BERKELEY	0	-	2	1.7*	1	0.9*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	1	2.7*
BUTTE	1	0.5*	0	-	0	-	2	0.9*	1	0.4*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	2	0.2*	7	0.6*	7	0.6*	9	0.8*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.5*
FRESNO	3	0.3*	5	0.5*	4	0.4*	3	0.3*	6	0.6*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	4	2.9*	0	-	3	2.2*
IMPERIAL	0	-	0	-	0	-	1	0.5*	2	1.1*
INYO	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	4	0.5*	1	0.1*	1	0.1*	3	0.3*
KINGS	2	1.3*	2	1.3*	1	0.7*	1	0.7*	1	0.6*
LAKE	0	-	0	-	1	1.5*	0	-	1	1.5*
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	120	1.2	115	1.2	90	0.9	145	1.4	176	1.7
LOS ANGELES	116	1.3	108	1.2	83	0.9	138	1.5	164	1.7
LONG BEACH	4	0.9*	6	1.3*	3	0.6*	7	1.5*	9	1.9*
PASADENA	0	-	1	0.7*	4	2.9*	0	-	3	2.1*
MADERA	1	0.7*	0	-	0	-	1	0.6*	2	1.3*
MARIN	1	0.4*	1	0.4*	0	-	0	-	11	4.3*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	3	3.4*	0	-
MERCED	2	0.8*	0	-	2	0.8*	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	3	0.7*	2	0.5*	2	0.5*	5	1.2*	6	1.4*
NAPA	0	-	2	1.4*	0	-	2	1.4*	2	1.4*
NEVADA	0	-	0	-	0	-	0	-	5	5.1*
ORANGE	30	1.0	25	0.8	15	0.5*	32	1.0	34	1.1
PLACER	3	0.8*	2	0.6*	2	0.5*	5	1.4*	2	0.5*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	8	0.4*	10	0.4*	8	0.4*	15	0.7*	37	1.6
SACRAMENTO	7	0.5*	8	0.6*	10	0.7*	11	0.8*	10	0.7*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	12	0.6*	12	0.6*	10	0.5*	21	1.0	24	1.1
SAN DIEGO	20	0.6	22	0.7	18	0.6*	37	1.2	47	1.4
SAN FRANCISCO	2	0.2*	4	0.5*	2	0.2*	3	0.4*	4	0.5*
SAN JOAQUIN	3	0.4*	4	0.6*	0	-	4	0.6*	6	0.8*
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-
SAN MATEO	2	0.3*	2	0.3*	1	0.1*	2	0.3*	0	-
SANTA BARBARA	3	0.7*	3	0.7*	4	0.9*	2	0.5*	8	1.8*
SANTA CLARA	6	0.3*	9	0.5*	4	0.2*	15	0.8*	10	0.5*
SANTA CRUZ	3	1.1*	3	1.1*	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	2	4.4*	0	-	0	-
SOLANO	4	1.0*	1	0.2*	6	1.4*	3	0.7*	5	1.2*
SONOMA	1	0.2*	2	0.4*	1	0.2*	0	-	1	0.2*
STANISLAUS	0	-	2	0.4*	1	0.2*	8	1.5*	7	1.3*
SUTTER	0	-	0	-	0	-	2	2.1*	0	-
TEHAMA	0	-	0	-	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	4	0.5*	3	0.4*	5	0.6*	11	1.3*	8	0.9*
YOLO	0	-	0	-	0	-	3	1.4*	2	1.0*
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Legionellosis

Legionellosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	254	251	206	353	455
JANUARY	25	15	21	17	44
FEBRUARY	22	18	18	17	44
MARCH	17	14	15	30	45
APRIL	15	15	12	31	45
MAY	20	16	14	32	49
JUNE	18	14	17	25	26
JULY	22	13	29	38	37
AUGUST	21	29	11	31	35
SEPTEMBER	16	23	24	23	48
OCTOBER	30	21	19	27	29
NOVEMBER	31	18	11	27	26
DECEMBER	17	55	15	55	27

Legionellosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	254	0.7	251	0.7	206	0.5	353	0.9	455	1.2
0	0	-	0	-	2	0.4*	0	-	1	0.2*
1-4	2	0.1*	0	-	0	-	0	-	1	0.0*
5-9	2	0.1*	1	0.0*	1	0.0*	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	2	0.0*	5	0.1*	2	0.0*	7	0.1*
25-34	8	0.1*	7	0.1*	1	0.0*	9	0.2*	19	0.3
35-44	13	0.3*	10	0.2*	15	0.3*	23	0.4	26	0.5
45-54	46	0.9	48	0.9	28	0.5	57	1.1	61	1.2
55-64	72	1.7	49	1.1	51	1.2	70	1.5	91	2.0
65+	110	2.5	134	2.9	103	2.1	191	3.8	248	4.8
UNKNOWN	0	-	0	-	0	-	1	-	1	-

Rates are expressed as cases per 100,000 population.

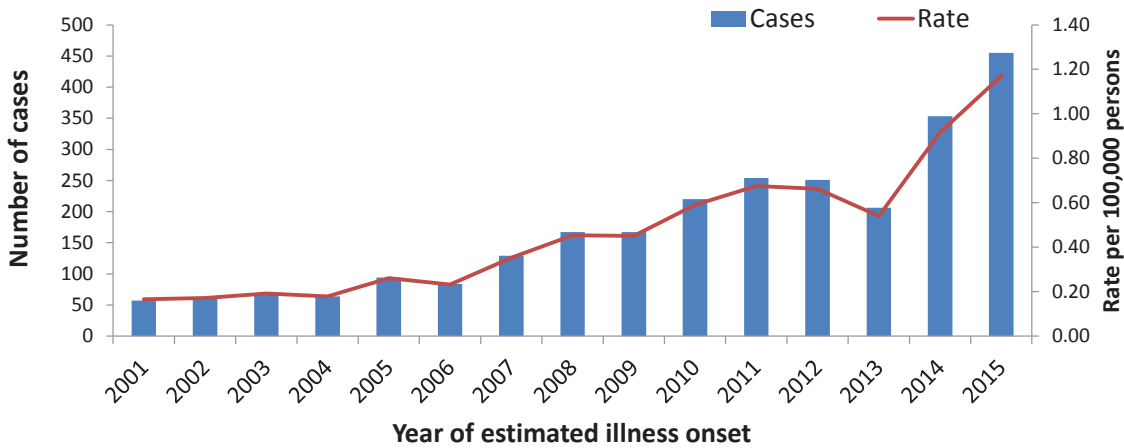
*Potentially unreliable rate, relative standard error 23 percent or more

Legionellosis, Cases by Race/Ethnicity, California, 2011–2015

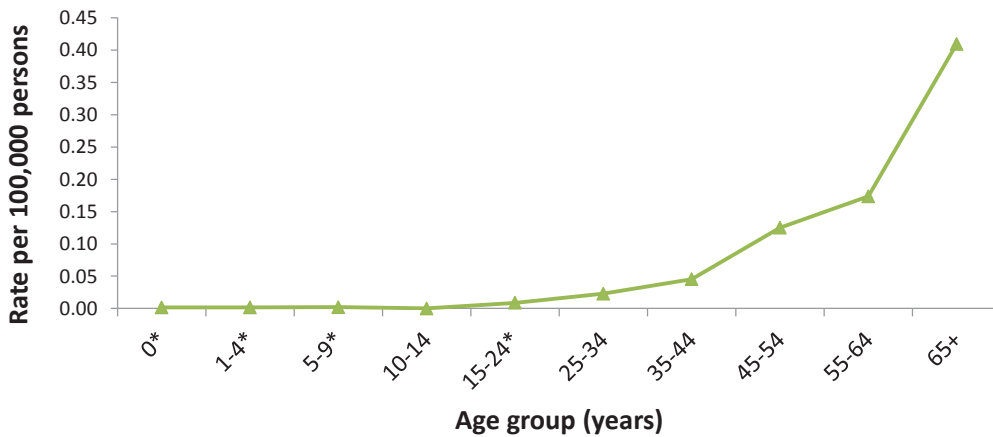
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	254	251	206	353	455
ASIAN/PACIFIC ISLANDER	12	13	9	30	25
BLACK, NOT HISPANIC	33	23	30	30	66
HISPANIC	60	46	34	69	84
AMERICAN INDIAN/ALASKAN NATIVE	1	0	0	0	2
WHITE, NOT HISPANIC	125	125	99	166	202
OTHER OR MULTI-RACE	5	8	8	8	11
UNKNOWN	18	36	26	50	65

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Legionellosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

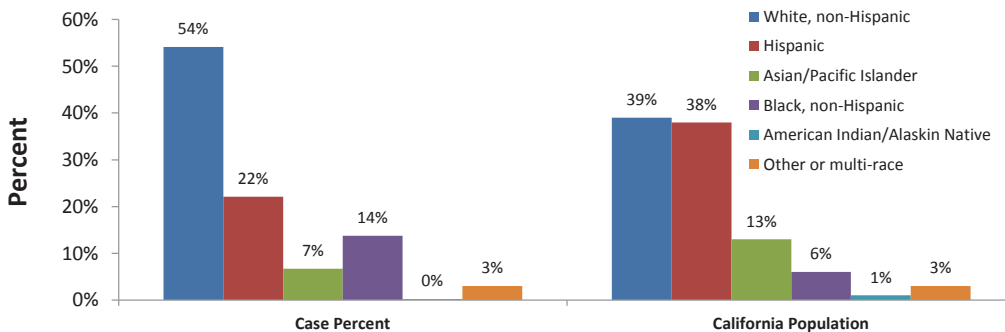


Legionellosis Incidence Rates by Age Group, 2011–2015



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

Legionellosis Cases and Population by Race/Ethnicity, 2011–2015



12.8% of reported incidents of Legionellosis did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	10	0.0*	15	0.0*	10	0.0*	7	0.0*	7	0.0*
ALAMEDA COUNTY TOTAL	3	0.2*	1	0.1*	0	-	0	-	0	-
ALAMEDA	3	0.2*	1	0.1*	0	-	0	-	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	0	-	1	0.1*	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	-	1	0.1*	1	0.1*	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	1	2.9*	0	-	0	-
LOS ANGELES COUNTY TOTAL	3	0.0*	4	0.0*	1	0.0*	3	0.0*	0	-
LOS ANGELES	3	0.0*	3	0.0*	1	0.0*	3	0.0*	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	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	-	4	0.1*	1	0.0*	1	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	-	2	0.1*	2	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	0	-
SAN JOAQUIN	0	-	1	0.1*	0	-	0	-	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	0	-
SANTA CLARA	3	0.2*	0	-	3	0.2*	0	-	2	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	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	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Leprosy (Hansen's Disease)

Leprosy (Hansen's Disease), Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	10	15	10	7	7
JANUARY	1	1	1	0	2
FEBRUARY	1	1	0	0	0
MARCH	1	3	1	2	0
APRIL	0	3	1	1	0
MAY	1	1	1	0	0
JUNE	0	1	1	0	0
JULY	1	0	1	1	3
AUGUST	0	1	0	0	1
SEPTEMBER	2	0	0	1	0
OCTOBER	2	2	3	0	1
NOVEMBER	0	0	1	0	0
DECEMBER	1	2	0	2	0

Leprosy (Hansen's Disease), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	15	0.0*	10	0.0*	7	0.0*	7	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	1	0.0*	0	-	0	-	1	0.0*
25-34	2	0.0*	3	0.1*	4	0.1*	0	-	1	0.0*
35-44	5	0.1*	3	0.1*	2	0.0*	4	0.1*	2	0.0*
45-54	2	0.0*	4	0.1*	0	-	0	-	1	0.0*
55-64	0	-	0	-	3	0.1*	1	0.0*	2	0.0*
65+	1	0.0*	3	0.1*	0	-	2	0.0*	0	-
UNKNOWN	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

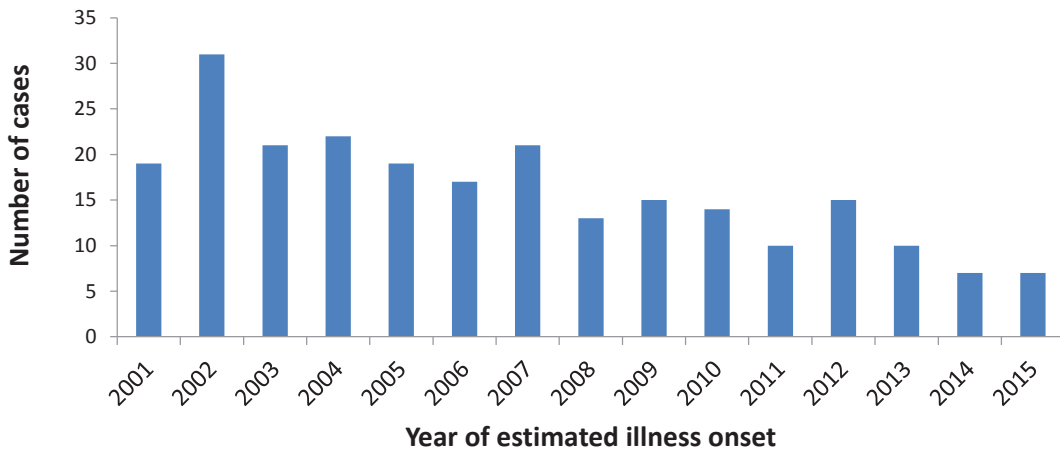
*Potentially unreliable rate, relative standard error 23 percent or more

Leprosy (Hansen's Disease), Cases by Race/Ethnicity, California, 2011–2015

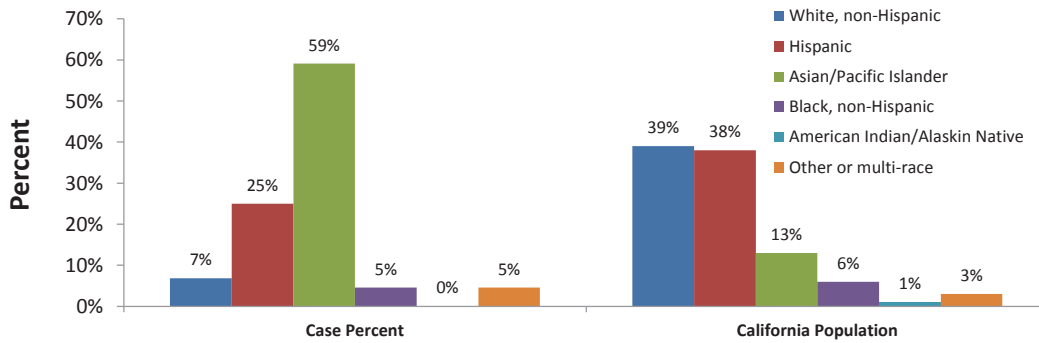
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	10	15	10	7	7
ASIAN/PACIFIC ISLANDER	4	9	7	2	4
BLACK, NOT HISPANIC	1	0	0	0	1
HISPANIC	2	5	2	1	1
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	1	1	1	0
OTHER OR MULTI-RACE	1	0	0	1	0
UNKNOWN	2	0	0	2	1

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Leprosy (Hansen's Disease) counts by year, 2001–2015



Leprosy (Hansen's Disease) Cases and Population by Race/Ethnicity, 2011–2015



10.2% of reported incidents of Leprosy (Hansen's Disease) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Leptospirosis

Leptospirosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*	5	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	1	0.9*	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	0	-	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	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	-	1	0.0*	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	1	0.0*
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	2	0.1*	0	-
SAN DIEGO	1	0.0*	0	-	0	-	2	0.1*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	1	0.1*	0	-
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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Leptospirosis

Leptospirosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	1	5	1
JANUARY	0	1	0	0	0
FEBRUARY	1	0	0	0	0
MARCH	0	0	0	0	0
APRIL	0	0	0	0	0
MAY	0	0	0	0	0
JUNE	0	0	0	0	0
JULY	0	0	0	1	1
AUGUST	0	0	0	1	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	1	0
NOVEMBER	0	0	1	1	0
DECEMBER	0	0	0	1	0

Leptospirosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	5	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-	2	0.0*	1	0.0*
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	1	0.0*	1	0.0*	1	0.0*	0	-
45-54	0	-	0	-	0	-	1	0.0*	0	-
55-64	0	-	0	-	0	-	1	0.0*	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

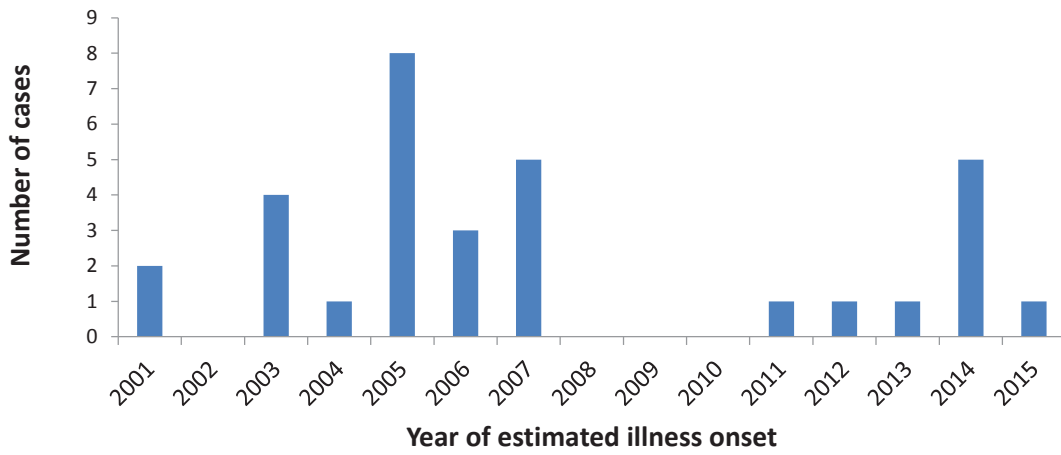
*Potentially unreliable rate, relative standard error 23 percent or more

Leptospirosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	1	5	1
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	1	0
HISPANIC	0	0	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	1	1	1	2	1
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	2	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Leptospirosis counts by year, 2001–2015



Listeriosis

Listeriosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	121	0.3	108	0.3	104	0.3	115	0.3	130	0.3
ALAMEDA COUNTY TOTAL	5	0.3*	5	0.3*	3	0.2*	1	0.1*	8	0.5*
ALAMEDA	5	0.4*	5	0.4*	3	0.2*	1	0.1*	8	0.5*
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	0	-	1	0.4*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	1	0.1*	4	0.4*	0	-	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	1	3.5*
EL DORADO	0	-	0	-	0	-	1	0.5*	0	-
FRESNO	3	0.3*	1	0.1*	1	0.1*	1	0.1*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	1	0.7*	1	0.7*	0	-
IMPERIAL	0	-	2	1.1*	0	-	1	0.5*	1	0.5*
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	2	0.2*	1	0.1*	0	-
KINGS	1	0.7*	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	1	1.5*	0	-	0	-
LASSEN	0	-	0	-	2	5.7*	0	-	0	-
LOS ANGELES COUNTY TOTAL	26	0.3	35	0.4	32	0.3	38	0.4	38	0.4
LOS ANGELES	26	0.3	33	0.4	28	0.3	34	0.4	35	0.4
LONG BEACH	0	-	1	0.2*	3	0.6*	4	0.8*	0	-
PASADENA	0	-	1	0.7*	1	0.7*	0	-	3	2.1*
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	1	0.4*	0	-	0	-	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	2	0.5*	4	0.9*	2	0.5*	1	0.2*
NAPA	1	0.7*	2	1.4*	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	11	0.4*	4	0.1*	6	0.2*	13	0.4*	12	0.4*
PLACER	0	-	0	-	1	0.3*	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	4	0.2*	3	0.1*	1	0.0*	1	0.0*	9	0.4*
SACRAMENTO	1	0.1*	4	0.3*	1	0.1*	3	0.2*	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	0	-	4	0.2*	3	0.1*	3	0.1*
SAN DIEGO	19	0.6	12	0.4*	16	0.5*	13	0.4*	10	0.3*
SAN FRANCISCO	10	1.2*	11	1.3*	7	0.8*	7	0.8*	9	1.1*
SAN JOAQUIN	6	0.9*	0	-	1	0.1*	2	0.3*	0	-
SAN LUIS OBISPO	2	0.7*	0	-	0	-	0	-	0	-
SAN MATEO	2	0.3*	0	-	3	0.4*	5	0.7*	8	1.1*
SANTA BARBARA	3	0.7*	4	0.9*	0	-	1	0.2*	3	0.7*
SANTA CLARA	13	0.7*	8	0.4*	4	0.2*	10	0.5*	7	0.4*
SANTA CRUZ	0	-	0	-	0	-	2	0.7*	2	0.7*
SHASTA	0	-	0	-	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	1	0.2*	1	0.2*	1	0.2*
SONOMA	1	0.2*	2	0.4*	2	0.4*	3	0.6*	1	0.2*
STANISLAUS	2	0.4*	1	0.2*	2	0.4*	0	-	1	0.2*
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	1	0.2*	2	0.4*	3	0.6*
TUOLUMNE	0	-	0	-	0	-	0	-	1	1.8*
VENTURA	2	0.2*	4	0.5*	3	0.4*	1	0.1*	2	0.2*
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Listeriosis

Listeriosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	121	108	104	115	130
JANUARY	10	7	6	5	12
FEBRUARY	7	5	4	6	7
MARCH	4	5	6	12	9
APRIL	6	5	9	12	9
MAY	14	5	12	4	5
JUNE	6	14	11	5	19
JULY	17	15	10	17	13
AUGUST	15	10	9	14	13
SEPTEMBER	20	18	13	17	13
OCTOBER	8	13	10	8	13
NOVEMBER	7	2	7	8	10
DECEMBER	7	9	7	7	7

Listeriosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	121	0.3	108	0.3	104	0.3	115	0.3	130	0.3
0	6	1.2*	4	0.8*	2	0.4*	5	1.0*	3	0.6*
1-4	1	0.0*	0	-	0	-	1	0.1*	1	0.0*
5-9	0	-	0	-	0	-	0	-	0	-
10-14	1	0.0*	2	0.1*	1	0.0*	1	0.0*	0	-
15-24	2	0.0*	6	0.1*	4	0.1*	5	0.1*	2	0.0*
25-34	11	0.2*	7	0.1*	9	0.2*	9	0.2*	8	0.1*
35-44	9	0.2*	5	0.1*	7	0.1*	8	0.2*	8	0.2*
45-54	13	0.2*	11	0.2*	11	0.2*	11	0.2*	8	0.2*
55-64	19	0.4	11	0.3*	17	0.4*	11	0.2*	19	0.4
65+	57	1.3	62	1.3	53	1.1	63	1.3	81	1.6
UNKNOWN	2	-	0	-	0	-	1	-	0	-

Rates are expressed as cases per 100,000 population.

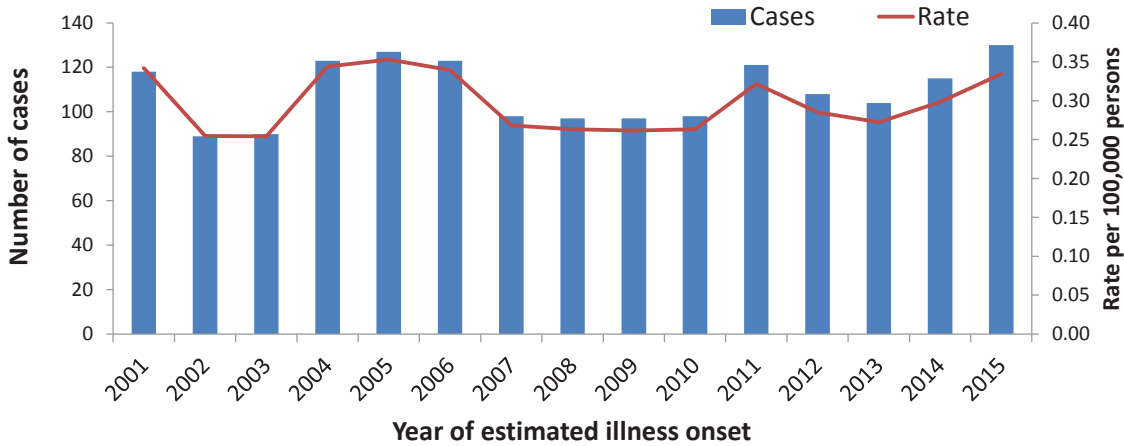
*Potentially unreliable rate, relative standard error 23 percent or more

Listeriosis, Cases by Race/Ethnicity, California, 2011–2015

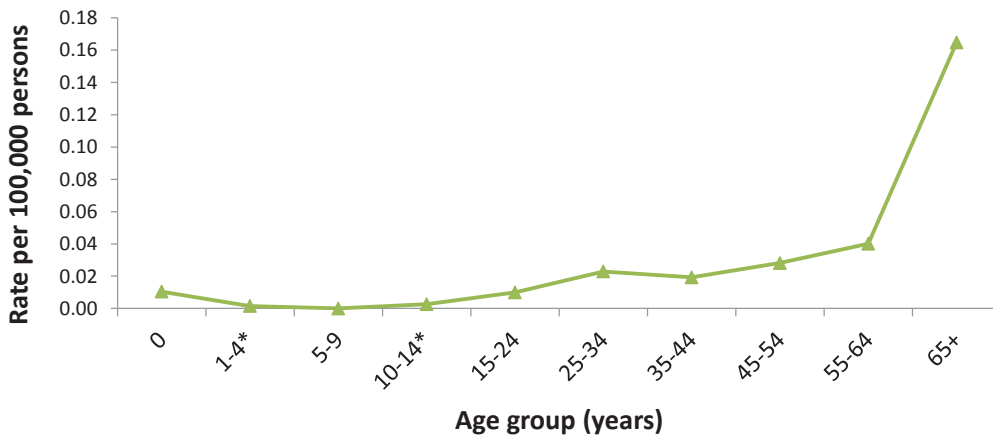
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	121	108	104	115	130
ASIAN/PACIFIC ISLANDER	29	17	17	28	20
BLACK, NOT HISPANIC	7	3	6	4	4
HISPANIC	26	28	23	36	37
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	1	0
WHITE, NOT HISPANIC	49	47	38	32	46
OTHER OR MULTI-RACE	1	3	3	3	7
UNKNOWN	9	10	17	11	16

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Listeriosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

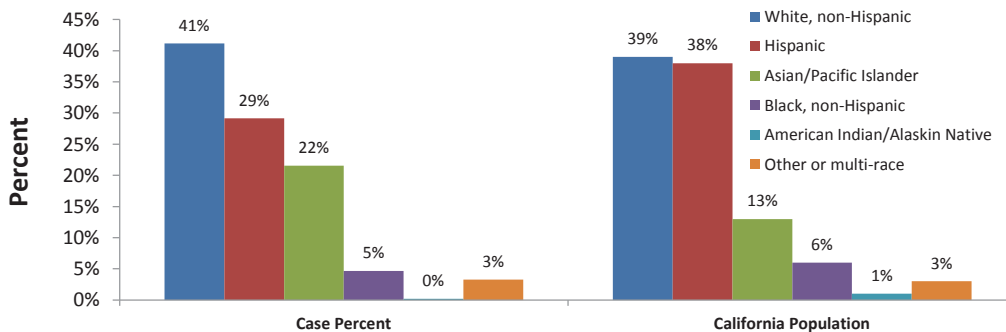


Listeriosis Incidence Rates by Age Group, 2011–2015



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

Listeriosis Cases and Population by Race/Ethnicity, 2011–2015



10.9% of reported incidents of Listeriosis did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	102	0.3	81	0.2	118	0.3	83	0.2	100	0.3
ALAMEDA COUNTY TOTAL	1	0.1*	4	0.3*	0	-	5	0.3*	8	0.5*
ALAMEDA	1	0.1*	4	0.3*	0	-	2	0.1*	6	0.4*
BERKELEY	0	-	0	-	0	-	3	2.6*	2	1.7*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.7*	0	-	2	5.4*
BUTTE	0	-	1	0.5*	0	-	2	0.9*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	1	2.2*
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	3	0.3*	4	0.4*	3	0.3*	5	0.5*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	1	0.5*	3	1.6*	1	0.5*	2	1.1*
FRESNO	1	0.1*	5	0.5*	2	0.2*	0	-	1	0.1*
GLENN	0	-	0	-	0	-	1	3.5*	0	-
HUMBOLDT	7	5.1*	2	1.5*	4	2.9*	5	3.7*	8	5.8*
IMPERIAL	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	0	-	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	8	0.1*	1	0.0*	22	0.2	7	0.1*	4	0.0*
LOS ANGELES	7	0.1*	1	0.0*	19	0.2	5	0.1*	3	0.0*
LONG BEACH	1	0.2*	0	-	2	0.4*	2	0.4*	1	0.2*
PASADENA	0	-	0	-	1	0.7*	0	-	0	-
MADERA	1	0.7*	0	-	0	-	0	-	0	-
MARIN	1	0.4*	3	1.2*	8	3.1*	3	1.2*	3	1.2*
MARIPOSA	0	-	1	5.5*	1	5.5*	1	5.5*	1	5.5*
MENDOCINO	3	3.4*	3	3.4*	1	1.1*	2	2.3*	0	-
MERCED	1	0.4*	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	1	7.0*	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	1	0.2*	0	-	2	0.5*
NAPA	1	0.7*	2	1.4*	1	0.7*	3	2.1*	2	1.4*
NEVADA	8	8.1*	4	4.1*	0	-	0	-	0	-
ORANGE	6	0.2*	0	-	0	-	0	-	0	-
PLACER	1	0.3*	2	0.6*	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-	1	5.2*	0	-
RIVERSIDE	5	0.2*	1	0.0*	2	0.1*	3	0.1*	2	0.1*
SACRAMENTO	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	1	1.7*
SAN BERNARDINO	2	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*
SAN DIEGO	10	0.3*	7	0.2*	6	0.2*	8	0.2*	10	0.3*
SAN FRANCISCO	2	0.2*	3	0.4*	9	1.1*	0	-	0	-
SAN JOAQUIN	0	-	1	0.1*	0	-	1	0.1*	0	-
SAN LUIS OBISPO	1	0.4*	0	-	3	1.1*	3	1.1*	4	1.5*
SAN MATEO	1	0.1*	1	0.1*	4	0.5*	5	0.7*	5	0.7*
SANTA BARBARA	3	0.7*	0	-	8	1.8*	1	0.2*	4	0.9*
SANTA CLARA	9	0.5*	4	0.2*	13	0.7*	5	0.3*	10	0.5*
SANTA CRUZ	10	3.8*	7	2.6*	8	2.9*	7	2.6*	7	2.6*
SHASTA	1	0.6*	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	1	30.5*	0	-	0	-	0	-
SISKIYOU	1	2.2*	1	2.2*	1	2.2*	0	-	1	2.2*
SOLANO	0	-	0	-	0	-	1	0.2*	0	-
SONOMA	8	1.6*	13	2.7*	7	1.4*	11	2.2*	12	2.4*
STANISLAUS	0	-	1	0.2*	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	2	14.5*	1	7.3*	1	7.3*	1	7.3*	0	-
TULARE	0	-	1	0.2*	1	0.2*	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	1	1.8*
VENTURA	1	0.1*	2	0.2*	2	0.2*	0	-	0	-
YOLO	0	-	1	0.5*	1	0.5*	1	0.5*	1	0.5*
YUBA	1	1.4*	1	1.4*	0	-	1	1.3*	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Lyme Disease

Lyme Disease, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	102	81	118	83	100
JANUARY	5	5	2	3	6
FEBRUARY	1	3	3	4	3
MARCH	2	4	6	3	4
APRIL	4	3	5	5	9
MAY	4	6	8	7	14
JUNE	16	12	20	11	12
JULY	25	10	22	21	17
AUGUST	13	12	26	14	16
SEPTEMBER	14	7	14	5	10
OCTOBER	4	9	5	4	6
NOVEMBER	8	6	6	2	2
DECEMBER	6	4	1	4	1

Lyme Disease, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	102	0.3	81	0.2	118	0.3	83	0.2	100	0.3
0	0	-	0	-	0	-	0	-	0	-
1-4	5	0.2*	3	0.1*	5	0.3*	2	0.1*	3	0.1*
5-9	10	0.4*	11	0.4*	10	0.4*	5	0.2*	16	0.6*
10-14	6	0.2*	10	0.4*	10	0.4*	4	0.2*	6	0.2*
15-24	8	0.1*	8	0.1*	12	0.2*	9	0.2*	10	0.2*
25-34	9	0.2*	11	0.2*	17	0.3*	13	0.2*	11	0.2*
35-44	15	0.3*	10	0.2*	14	0.3*	8	0.2*	12	0.2*
45-54	16	0.3*	6	0.1*	19	0.4	16	0.3*	19	0.4
55-64	22	0.5	10	0.2*	20	0.5	19	0.4	9	0.2*
65+	8	0.2*	10	0.2*	10	0.2*	7	0.1*	14	0.3*
UNKNOWN	3	-	2	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

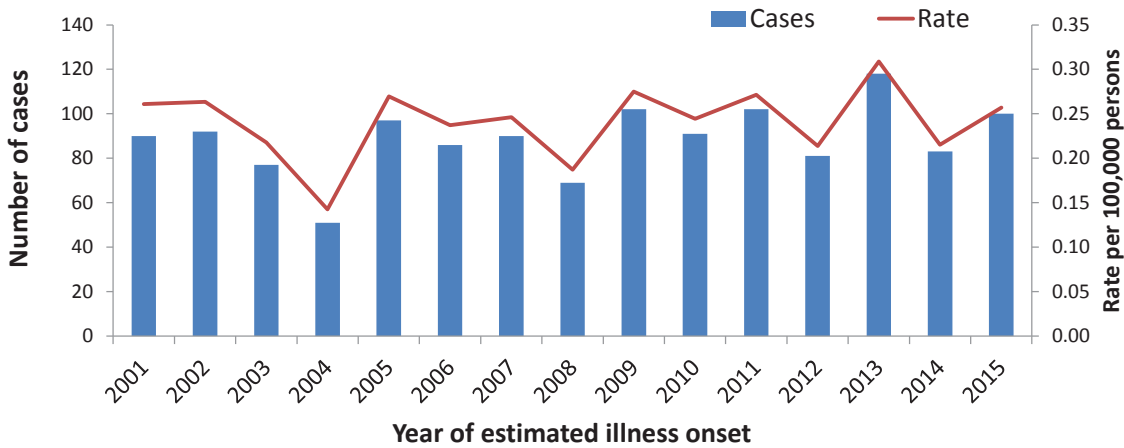
*Potentially unreliable rate, relative standard error 23 percent or more

Lyme Disease, Cases by Race/Ethnicity, California, 2011–2015

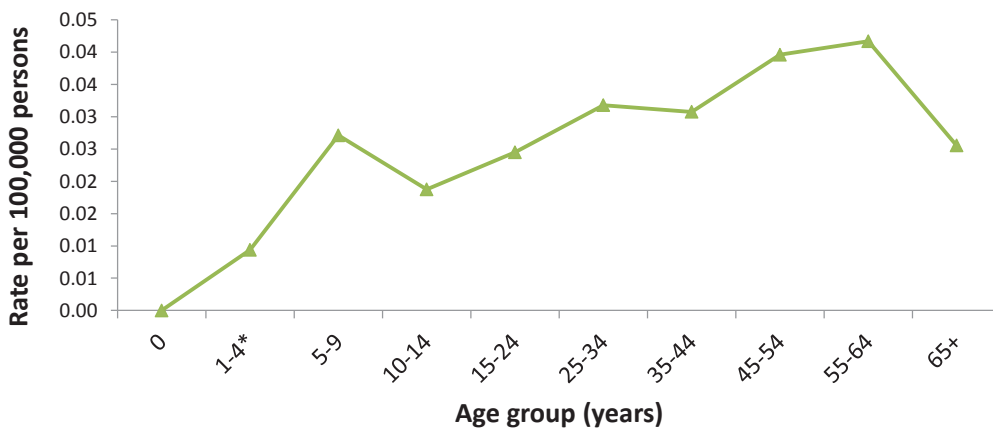
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	102	81	118	83	100
ASIAN/PACIFIC ISLANDER	2	1	2	1	5
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	4	3	6	4	4
AMERICAN INDIAN/ALASKAN NATIVE	1	0	0	1	1
WHITE, NOT HISPANIC	62	40	75	39	54
OTHER OR MULTI-RACE	5	0	3	0	0
UNKNOWN	28	37	32	38	36

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Lyme Disease Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

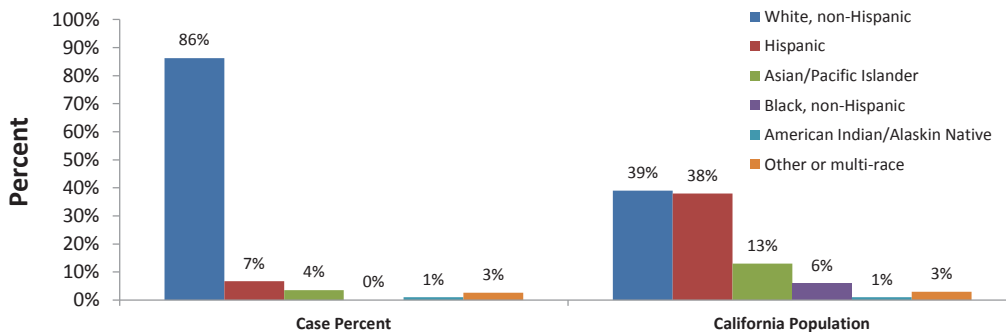


Lyme Disease Incidence Rates by Age Group, 2011–2015



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

Lyme Disease Cases and Population by Race/Ethnicity, 2011–2015



35.3% of reported incidents of Lyme Disease did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Malaria

Malaria, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	126	0.3	103	0.3	109	0.3	94	0.2	97	0.2
ALAMEDA COUNTY TOTAL	13	0.9*	16	1.0*	13	0.8*	9	0.6*	12	0.8*
ALAMEDA	12	0.9*	14	1.0*	12	0.8*	8	0.5*	11	0.7*
BERKELEY	1	0.9*	2	1.7*	1	0.9*	1	0.9*	1	0.8*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-	2	0.9*	0	-
CALAVERAS	0	-	1	2.2*	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	4	0.4*	5	0.5*	5	0.5*	5	0.5*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	4	0.4*	2	0.2*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	2	1.5*	1	0.7*	1	0.7*
IMPERIAL	0	-	1	0.6*	0	-	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	2	0.2*	1	0.1*	2	0.2*
KINGS	1	0.7*	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	22	0.2	21	0.2	20	0.2	23	0.2	23	0.2
LOS ANGELES	21	0.2	19	0.2	16	0.2*	21	0.2	21	0.2
LONG BEACH	0	-	1	0.2*	2	0.4*	2	0.4*	2	0.4*
PASADENA	1	0.7*	1	0.7*	2	1.4*	0	-	0	-
MADERA	1	0.7*	0	-	0	-	0	-	0	-
MARIN	2	0.8*	2	0.8*	1	0.4*	1	0.4*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-	1	1.1*	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	3	0.7*	0	-	1	0.2*	1	0.2*	0	-
NAPA	1	0.7*	0	-	0	-	0	-	0	-
NEVADA	0	-	1	1.0*	1	1.0*	0	-	0	-
ORANGE	7	0.2*	6	0.2*	7	0.2*	2	0.1*	9	0.3*
PLACER	3	0.8*	1	0.3*	1	0.3*	3	0.8*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	7	0.3*	4	0.2*	5	0.2*	1	0.0*	5	0.2*
SACRAMENTO	5	0.3*	5	0.3*	2	0.1*	5	0.3*	6	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	8	0.4*	3	0.1*	5	0.2*	3	0.1*	3	0.1*
SAN DIEGO	13	0.4*	7	0.2*	9	0.3*	7	0.2*	7	0.2*
SAN FRANCISCO	6	0.7*	1	0.1*	4	0.5*	7	0.8*	5	0.6*
SAN JOAQUIN	2	0.3*	0	-	1	0.1*	2	0.3*	0	-
SAN LUIS OBISPO	1	0.4*	0	-	1	0.4*	2	0.7*	0	-
SAN MATEO	0	-	0	-	1	0.1*	1	0.1*	4	0.5*
SANTA BARBARA	2	0.5*	1	0.2*	1	0.2*	1	0.2*	1	0.2*
SANTA CLARA	15	0.8*	8	0.4*	13	0.7*	8	0.4*	8	0.4*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	1	0.4*
SHASTA	0	-	5	2.8*	2	1.1*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	1	2.2*	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	0	-	0	-
SONOMA	1	0.2*	0	-	2	0.4*	0	-	0	-
STANISLAUS	2	0.4*	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	2	2.1*	3	3.1*	2	2.1*	1	1.0*
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*	0	-	0	-
TUOLUMNE	0	-	1	1.8*	0	-	0	-	0	-
VENTURA	2	0.2*	3	0.4*	1	0.1*	1	0.1*	0	-
YOLO	1	0.5*	2	1.0*	2	1.0*	2	1.0*	2	1.0*
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Malaria

Malaria, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	126	103	109	94	97
JANUARY	8	14	5	6	9
FEBRUARY	10	3	3	5	7
MARCH	6	7	4	5	3
APRIL	10	10	6	4	7
MAY	10	10	18	7	6
JUNE	12	11	6	8	13
JULY	13	12	12	19	14
AUGUST	18	14	11	11	9
SEPTEMBER	10	4	12	5	10
OCTOBER	10	7	9	9	10
NOVEMBER	8	7	12	8	6
DECEMBER	11	4	11	7	3

Malaria, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	126	0.3	103	0.3	109	0.3	94	0.2	97	0.2
0	2	0.4*	0	-	0	-	1	0.2*	0	-
1-4	2	0.1*	3	0.1*	3	0.2*	2	0.1*	1	0.0*
5-9	4	0.2*	3	0.1*	4	0.2*	1	0.0*	5	0.2*
10-14	8	0.3*	3	0.1*	3	0.1*	3	0.1*	3	0.1*
15-24	28	0.5	20	0.4	15	0.3*	15	0.3*	13	0.2*
25-34	24	0.4	21	0.4	30	0.5	23	0.4	23	0.4
35-44	13	0.3*	15	0.3*	13	0.3*	14	0.3*	21	0.4
45-54	20	0.4	16	0.3*	14	0.3*	14	0.3*	11	0.2*
55-64	15	0.4*	13	0.3*	18	0.4*	14	0.3*	9	0.2*
65+	10	0.2*	7	0.2*	9	0.2*	6	0.1*	10	0.2*
UNKNOWN	0	-	2	-	0	-	1	-	1	-

Rates are expressed as cases per 100,000 population.

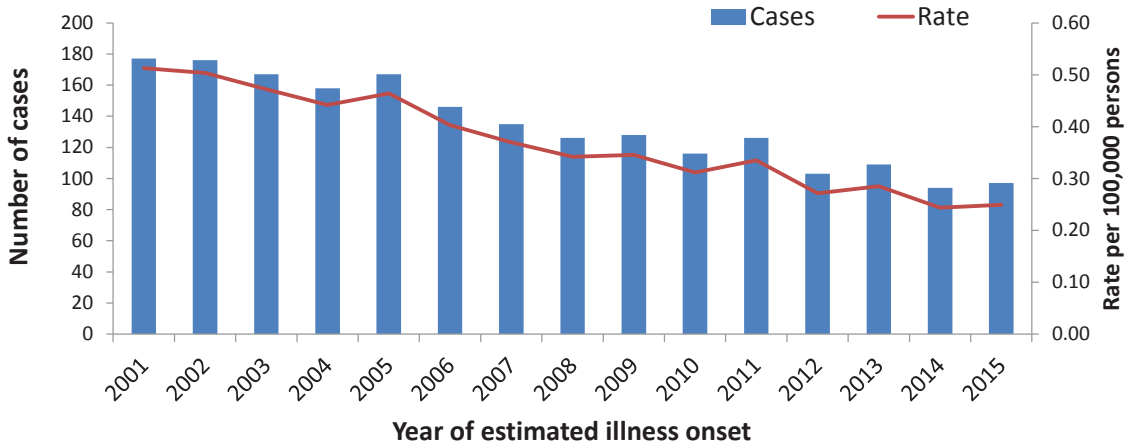
*Potentially unreliable rate, relative standard error 23 percent or more

Malaria, Cases by Race/Ethnicity, California, 2011–2015

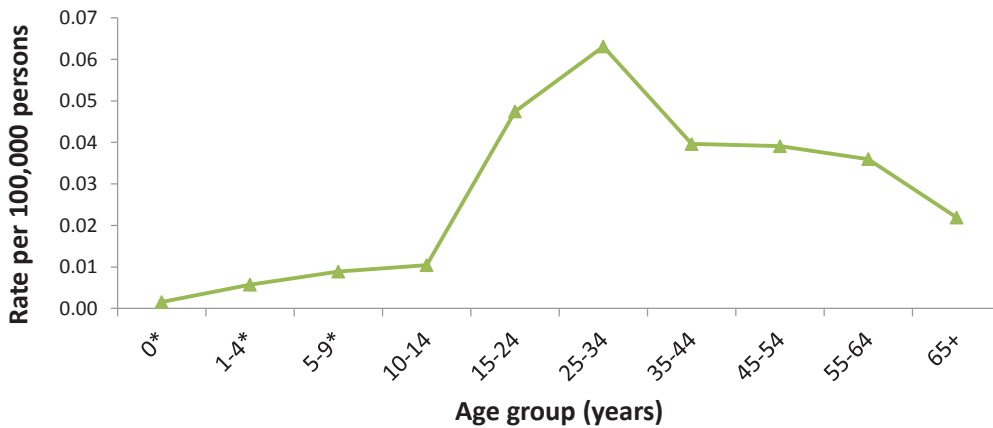
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	126	103	109	94	97
ASIAN/PACIFIC ISLANDER	48	29	22	11	16
BLACK, NOT HISPANIC	36	32	37	35	35
HISPANIC	5	5	6	4	5
AMERICAN INDIAN/ALASKAN NATIVE	1	0	0	1	1
WHITE, NOT HISPANIC	21	24	20	15	16
OTHER OR MULTI-RACE	2	5	8	8	9
UNKNOWN	13		8	16	2015

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Malaria Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

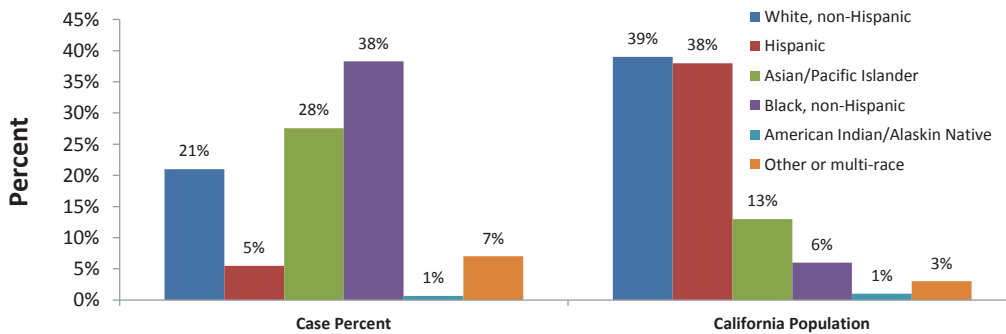


Malaria Incidence Rates by Age Group, 2011-2015



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

Malaria Cases and Population by Race/Ethnicity, 2011–2015



13.6% of reported incidents of Malaria did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	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	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	0	0	0	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	1	0	0	0	0
JUNE	0	0	0	0	0
JULY	0	0	0	0	0
AUGUST	0	0	0	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Paralytic Shellfish Poisoning, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-
45-54	1	0.0*	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

Paralytic Shellfish Poisoning, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	0	0	0	0
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	0	0	0	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	1	0	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Plague, human

Plague, human, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	0	-	0	-	0	-	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	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	-	0	-	0	-	1	0.0*
LOS ANGELES	0	-	0	-	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	-	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	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Plague, human

Plague, human, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	0	0	0	1
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	0	0	0	0	0
JULY	0	0	0	0	1
AUGUST	0	0	0	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Plague, human, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	0	-	1	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	1	0.0*
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

Plague, human, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	0	0	0	1
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	0	1
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	0	0	0	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	0	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Psittacosis

Psittacosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	1	0.0*	1	0.0*	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	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	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	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	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Psittacosis

Psittacosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	1	1	0	0
JANUARY	0	1	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	0	0	0	0	0
JULY	0	0	0	0	0
AUGUST	0	0	1	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Psittacosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	1	0.0*	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-
45-54	0	-	1	0.0*	0	-	0	-	0	-
55-64	0	-	0	-	1	0.0*	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

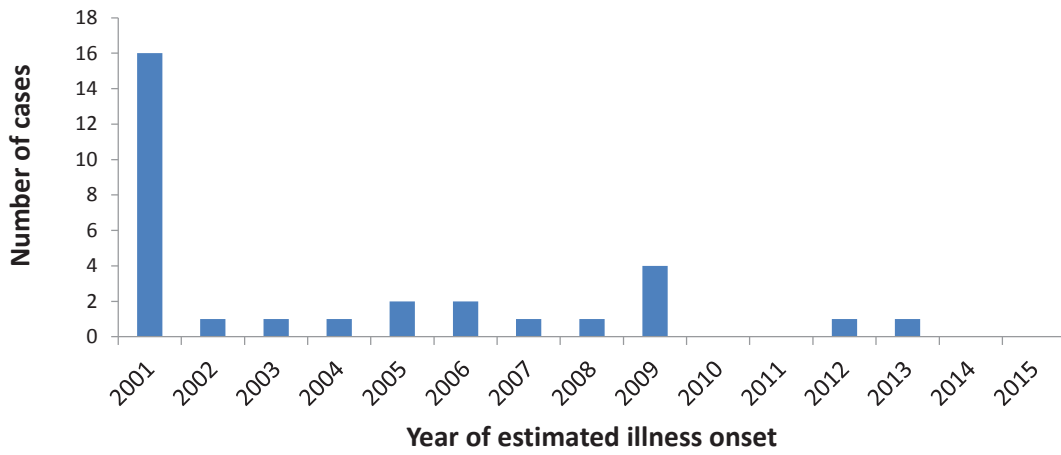
*Potentially unreliable rate, relative standard error 23 percent or more

Psittacosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	0	1	1	0	0
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	0	1	0	0
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN	0	1	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Psittacosis counts by year, 2001–2015



Q Fever

Q Fever, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	20	0.1	19	0.0	36	0.1	39	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	1	0.1*	0	-
ALAMEDA	0	-	0	-	1	0.1*	1	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	-	1	0.1*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	2	1.1*
FRESNO	0	-	0	-	0	-	4	0.4*	3	0.3*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	0	-	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	1	0.1*	1	0.1*	2	0.2*
KINGS	0	-	1	0.7*	0	-	0	-	1	0.6*
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	1	0.0*	1	0.0*	0	-	5	0.0*
LOS ANGELES	0	-	1	0.0*	1	0.0*	0	-	4	0.0*
LONG BEACH	1	0.2*	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-	2	1.3*	1	0.6*
MARIN	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	0	-
MERCED	3	1.2*	3	1.1*	2	0.8*	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	1	0.2*	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	3	0.1*	1	0.0*	3	0.1*	1	0.0*
PLACER	1	0.3*	0	-	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	4	0.2*	1	0.0*	2	0.1*	9	0.4*
SACRAMENTO	3	0.2*	0	-	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	1	0.0*	0	-	2	0.1*	0	-
SAN DIEGO	2	0.1*	0	-	2	0.1*	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	4	0.6*	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	1	0.2*	1	0.2*	2	0.5*	1	0.2*
SONOMA	0	-	0	-	1	0.2*	0	-	3	0.6*
STANISLAUS	2	0.4*	2	0.4*	3	0.6*	5	0.9*	4	0.7*
SUTTER	0	-	0	-	0	-	1	1.0*	0	-
TEHAMA	1	1.6*	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.2*	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	1	0.1*	2	0.2*
YOLO	1	0.5*	0	-	2	1.0*	2	1.0*	0	-
YUBA	0	-	0	-	1	1.4*	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Q Fever

Q Fever, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	21	20	19	36	39
JANUARY	1	3	1	4	4
FEBRUARY	1	4	1	3	1
MARCH	1	2	0	2	2
APRIL	3	2	2	6	6
MAY	1	2	2	8	6
JUNE	1	3	2	4	6
JULY	4	2	2	1	2
AUGUST	1	1	6	3	4
SEPTEMBER	1	1	2	1	1
OCTOBER	3	0	1	1	5
NOVEMBER	1	0	0	1	0
DECEMBER	3	0	0	2	2

Q Fever, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	20	0.1	19	0.0	36	0.1	39	0.1
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	1	0.0*	0	-
15-24	1	0.0*	0	-	0	-	1	0.0*	2	0.0*
25-34	1	0.0*	2	0.0*	1	0.0*	2	0.0*	4	0.1*
35-44	5	0.1*	5	0.1*	6	0.1*	2	0.0*	4	0.1*
45-54	5	0.1*	6	0.1*	3	0.1*	11	0.2*	8	0.2*
55-64	7	0.2*	5	0.1*	5	0.1*	15	0.3*	12	0.3*
65+	2	0.0*	2	0.0*	4	0.1*	4	0.1*	9	0.2*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

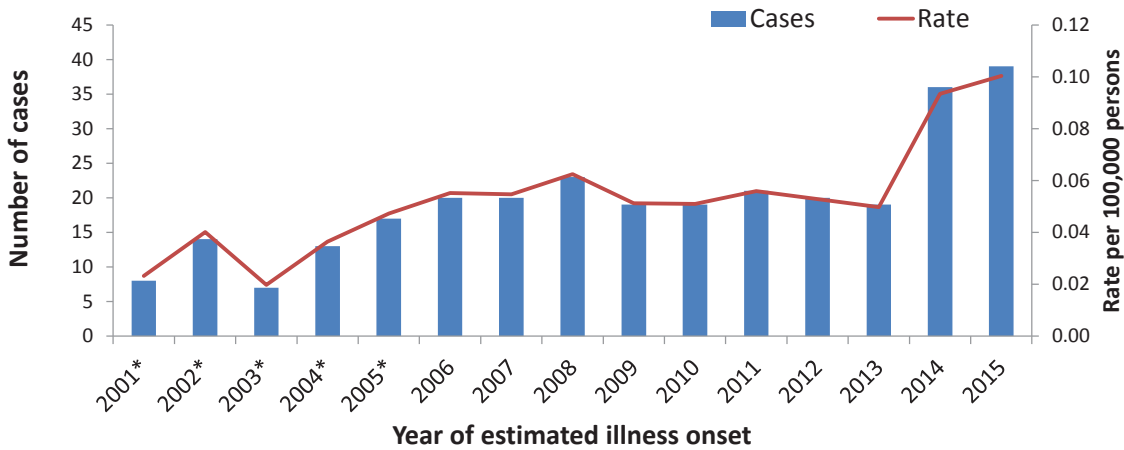
*Potentially unreliable rate, relative standard error 23 percent or more

Q Fever, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	21	20	19	36	39
ASIAN/PACIFIC ISLANDER	0	1	5	5	1
BLACK, NOT HISPANIC	0	1	1	1	0
HISPANIC	9	6	6	9	12
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	1	0
WHITE, NOT HISPANIC	8	6	5	13	13
OTHER OR MULTI-RACE	0	1	0	1	0
UNKNOWN	4	5	2	6	13

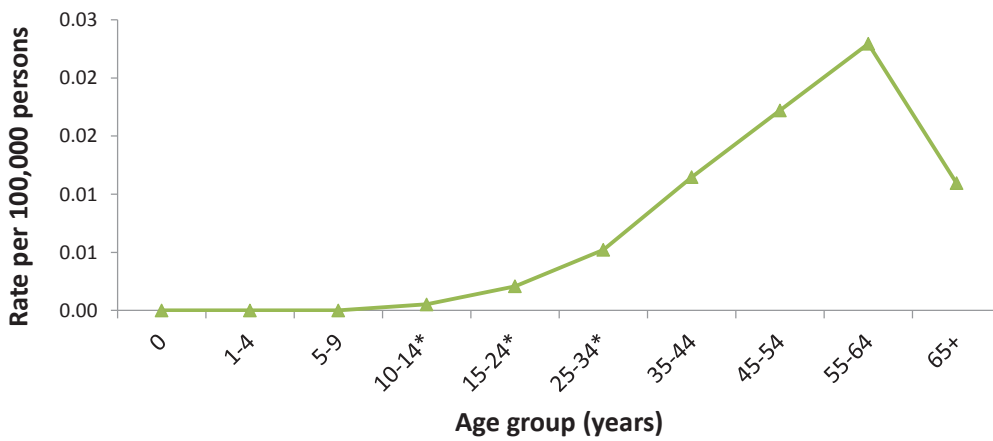
**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Q Fever Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



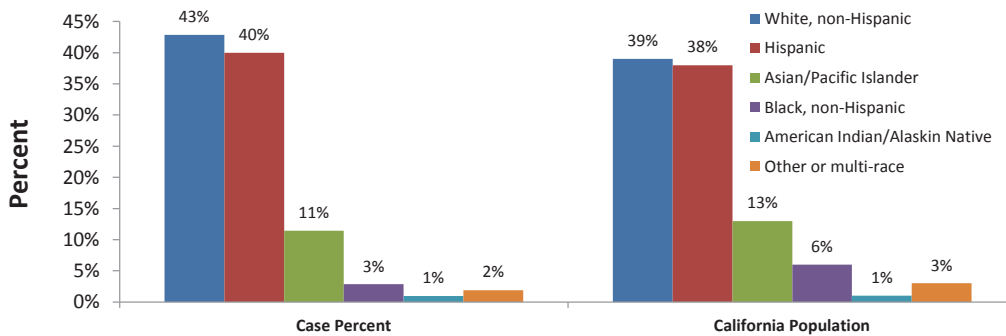
*Potentially unreliable rate, relative standard error 23 percent or more.

Q Fever Incidence Rates by Age Group, 2011–2015



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

Q Fever Cases and Population by Race/Ethnicity, 2011–2015



22.2% of reported incidents of Q Fever did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	223	N/A	251	N/A	199	N/A	200	N/A	227	N/A
ALAMEDA COUNTY TOTAL	6	N/A	4	N/A	5	N/A	2	N/A	13	N/A
ALAMEDA	6	N/A	4	N/A	5	N/A	2	N/A	13	N/A
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	N/A	0	-	4	N/A	3	N/A
BUTTE	10	N/A	8	N/A	5	N/A	6	N/A	12	N/A
CALAVERAS	1	N/A	1	N/A	0	-	0	-	6	N/A
COLUSA	0	-	1	N/A	1	N/A	2	N/A	2	N/A
CONTRA COSTA	1	N/A	6	N/A	6	N/A	5	N/A	7	N/A
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	6	N/A	9	N/A	4	N/A	16	N/A	9	N/A
FRESNO	7	N/A	3	N/A	3	N/A	2	N/A	1	N/A
GLENN	1	N/A	1	N/A	2	N/A	2	N/A	2	N/A
HUMBOLDT	3	N/A	1	N/A	0	-	0	-	1	N/A
IMPERIAL	1	N/A	0	-	1	N/A	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	6	N/A	11	N/A	6	N/A	3	N/A	0	-
KINGS	0	-	1	N/A	0	-	0	-	0	-
LAKE	1	N/A	1	N/A	0	-	0	-	0	-
LASSEN	1	N/A	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	38	N/A	56	N/A	35	N/A	42	N/A	34	N/A
LOS ANGELES	38	N/A	56	N/A	35	N/A	42	N/A	34	N/A
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	2	N/A	2	N/A	1	N/A	0	-	0	-
MARIN	5	N/A	4	N/A	7	N/A	13	N/A	3	N/A
MARIPOSA	1	N/A	2	N/A	2	N/A	5	N/A	0	-
MENDOCINO	0	-	1	N/A	0	-	0	-	2	N/A
MERCED	0	-	2	N/A	0	-	0	-	2	N/A
MODOC	1	N/A	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	N/A	7	N/A	1	N/A	2	N/A	4	N/A
NAPA	0	-	0	-	0	-	0	-	1	N/A
NEVADA	0	-	2	N/A	2	N/A	0	-	0	-
ORANGE	11	N/A	14	N/A	13	N/A	7	N/A	11	N/A
PLACER	5	N/A	6	N/A	5	N/A	3	N/A	7	N/A
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	10	N/A	16	N/A	13	N/A	6	N/A	16	N/A
SACRAMENTO	6	N/A	6	N/A	6	N/A	4	N/A	12	N/A
SAN BENITO	4	N/A	1	N/A	0	-	2	N/A	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	11	N/A	13	N/A	10	N/A	7	N/A	6	N/A
SAN FRANCISCO	2	N/A	7	N/A	2	N/A	6	N/A	3	N/A
SAN JOAQUIN	4	N/A	0	-	0	-	1	N/A	3	N/A
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	3	N/A	3	N/A	2	N/A	3	N/A
SANTA BARBARA	3	N/A	2	N/A	0	-	0	-	1	N/A
SANTA CLARA	2	N/A	3	N/A	7	N/A	8	N/A	10	N/A
SANTA CRUZ	1	N/A	1	N/A	0	-	1	N/A	1	N/A
SHASTA	4	N/A	0	-	1	N/A	0	-	1	N/A
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	3	N/A	1	N/A	0	-	0	-	0	-
SOLANO	2	N/A	6	N/A	1	N/A	2	N/A	4	N/A
SONOMA	3	N/A	5	N/A	7	N/A	8	N/A	5	N/A
STANISLAUS	1	N/A	0	-	2	N/A	1	N/A	3	N/A
SUTTER	0	-	1	N/A	0	-	1	N/A	3	N/A
TEHAMA	0	-	0	-	0	-	0	-	1	N/A
TRINITY	0	-	3	N/A	1	N/A	1	N/A	0	-
TULARE	8	N/A	2	N/A	3	N/A	0	-	6	N/A
TUOLUMNE	1	N/A	2	N/A	1	N/A	0	-	0	-
VENTURA	22	N/A	15	N/A	6	N/A	4	N/A	7	N/A
YOLO	10	N/A	6	N/A	17	N/A	14	N/A	7	N/A
YUBA	5	N/A	4	N/A	5	N/A	7	N/A	6	N/A

Rates are expressed as cases per 100,000 population.

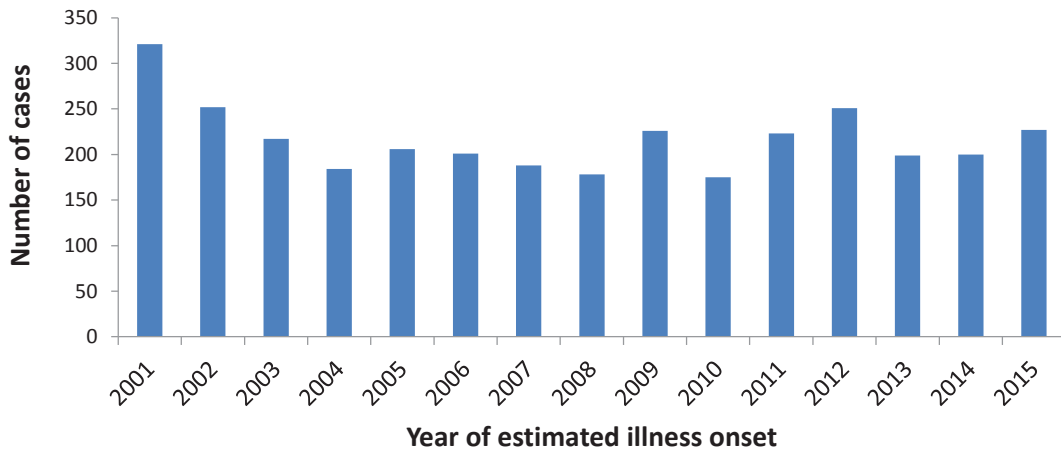
*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Rabies, animal**Rabies, animal, Cases by Month of Estimated Illness Onset, California, 2011–2015**

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	223	251	199	200	227
JANUARY	2	3	3	5	5
FEBRUARY	4	10	4	7	12
MARCH	4	11	12	16	32
APRIL	13	19	18	14	22
MAY	17	31	26	15	20
JUNE	26	28	10	24	19
JULY	29	36	36	14	21
AUGUST	36	46	38	34	25
SEPTEMBER	44	36	18	24	24
OCTOBER	30	16	18	25	30
NOVEMBER	13	10	13	20	11
DECEMBER	5	5	3	2	6

Rabies, animal counts by year, 2001–2015



Rabies, human

Rabies, human, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	1	0.1*	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	1	0.7*	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	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	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	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Rabies, human

Rabies, human, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	0	0	0
JANUARY	0	0	0	0	0
FEBRUARY	0	0	0	0	0
MARCH	0	0	0	0	0
APRIL	1	0	0	0	0
MAY	0	0	0	0	0
JUNE	0	1	0	0	0
JULY	0	0	0	0	0
AUGUST	0	0	0	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Rabies, human, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	1	0.0*	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	0	-	1	0.0*	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

Rabies, human, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	1	0	0	0
ASIAN/PACIFIC ISLANDER	0	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	1	0	0	0
OTHER OR MULTI-RACE	1	0	0	0	0
UNKNOWN	0	0	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Relapsing Fever

Relapsing Fever, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	4	0.0*	5	0.0*	10	0.0*	8	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*	0	-	1	0.1*
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	2	4.4*	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	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	-	1	5.2*	1	5.2*	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	1	0.7*	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	1	0.0*	0	-
LOS ANGELES	0	-	0	-	0	-	1	0.0*	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	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	-	2	13.7*	1	7.0*	3	20.8*	1	6.9*
MONTEREY	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	3	0.1*	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	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	2	0.1*
SANTA CRUZ	0	-	1	0.4*	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	-	2	0.4*	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	-	4	0.9*
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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Relapsing Fever

Relapsing Fever, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	2	4	5	10	8
JANUARY	0	0	0	2	0
FEBRUARY	0	0	0	0	0
MARCH	0	1	1	0	0
APRIL	0	0	0	0	0
MAY	0	0	0	0	0
JUNE	0	1	2	1	0
JULY	0	0	1	4	4
AUGUST	0	1	1	3	3
SEPTEMBER	2	1	0	0	1
OCTOBER	0	0	0	0	0
NOVEMBER	0	0	0	0	0
DECEMBER	0	0	0	0	0

Relapsing Fever, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	4	0.0*	5	0.0*	10	0.0*	8	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	1	0.0*	0	-	2	0.1*	1	0.1*	0	-
5-9	0	-	0	-	0	-	2	0.1*	0	-
10-14	0	-	1	0.0*	0	-	1	0.0*	0	-
15-24	0	-	1	0.0*	0	-	0	-	4	0.1*
25-34	1	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.0*
35-44	0	-	1	0.0*	0	-	2	0.0*	0	-
45-54	0	-	0	-	1	0.0*	2	0.0*	1	0.0*
55-64	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

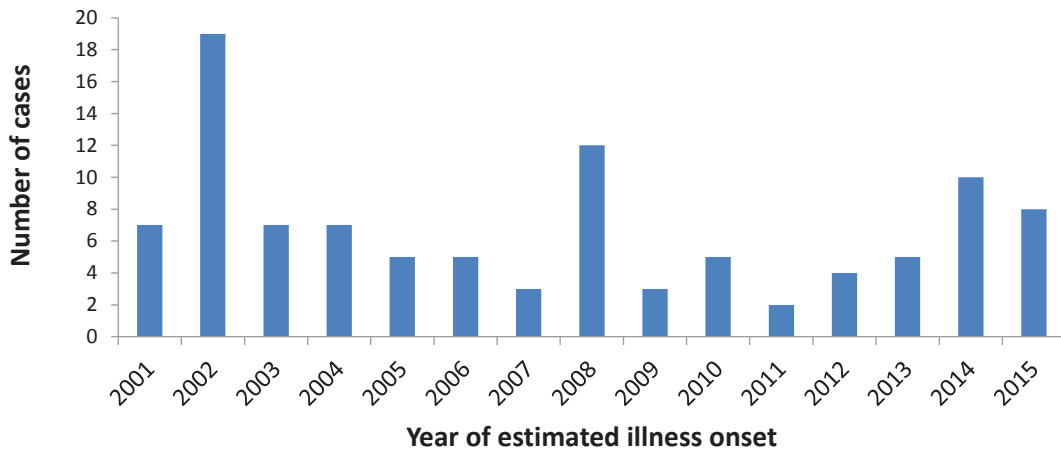
*Potentially unreliable rate, relative standard error 23 percent or more

Relapsing Fever, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	2	4	5	10	8
ASIAN/PACIFIC ISLANDER	0	0	0	0	2
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	1	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	1	4	3	6	4
OTHER OR MULTI-RACE	0	0	0	0	1
UNKNOWN	1	0	2	3	1

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Relapsing Fever counts by year, 2001–2015



Salmonellosis

Salmonellosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4,036	10.7	4,672	12.3	5,048	13.2	5,374	13.9	5,580	14.3
ALAMEDA COUNTY TOTAL	239	15.7	223	14.5	246	15.7	275	17.4	306	19.1
ALAMEDA	229	16.2	207	14.5	229	15.8	256	17.4	284	19.0
BERKELEY	10	8.7*	16	13.9*	17	14.6*	19	16.2	22	18.5
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	7	18.4*	3	8.1*	2	5.4*	7	18.9*	6	16.1*
BUTTE	34	15.4	23	10.4	27	12.2	48	21.4	40	17.6
CALAVERAS	13	28.6*	5	11.1*	6	13.3*	11	24.2*	2	4.4*
COLUSA	4	18.4*	0	-	4	18.2*	1	4.5*	2	8.9*
CONTRA COSTA	125	11.8	126	11.8	139	12.8	161	14.7	176	15.9
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	19	10.5	16	8.7*	33	17.9	25	13.6	31	16.8
FRESNO	136	14.5	148	15.6	197	20.6	157	16.2	181	18.4
GLENN	1	3.5*	9	31.7*	6	21.0*	4	13.9*	0	-
HUMBOLDT	8	5.9*	16	11.7*	12	8.8*	14	10.2*	15	10.9*
IMPERIAL	40	22.5	27	15.1	42	23.4	27	14.7	55	29.3
INYO	0	-	2	10.4*	3	15.6*	3	15.6*	4	20.7*
KERN	65	7.6	57	6.6	68	7.8	89	10.1	125	14.0
KINGS	10	6.5*	13	8.5*	13	8.5*	15	9.8*	15	9.7*
LAKE	3	4.6*	4	6.2*	14	21.6*	9	13.7*	9	13.6*
LASSEN	0	-	2	5.7*	0	-	3	8.6*	0	-
LOS ANGELES COUNTY TOTAL	942	9.6	1,126	11.3	1,084	10.8	1,231	12.2	1,209	11.9
LOS ANGELES	902	9.7	1,050	11.2	1,014	10.8	1,146	12.1	1,139	11.9
LONG BEACH	30	6.5	59	12.5	51	10.7	62	12.9	47	9.8
PASADENA	10	7.2*	17	12.2*	19	13.6	23	16.5	23	16.5
MADERA	28	18.4	22	14.5	23	15.0	23	14.9	22	13.9
MARIN	34	13.4	28	11.0	37	14.4	60	23.3	59	22.8
MARIPOSA	0	-	3	16.5*	0	-	2	11.1*	6	33.1*
MENDOCINO	8	9.0*	7	7.9*	13	14.6*	6	6.8*	12	13.5*
MERCED	35	13.5	51	19.5	30	11.4	13	4.9*	33	12.2
MODOC	0	-	0	-	2	21.1*	1	10.6*	0	-
MONO	0	-	0	-	2	13.9*	0	-	2	13.8*
MONTEREY	51	12.1	78	18.5	48	11.3	57	13.4	64	14.9
NAPA	12	8.7*	27	19.4	23	16.4	28	19.8	27	19.0
NEVADA	9	9.1*	12	12.2*	11	11.2*	11	11.2*	10	10.1*
ORANGE	305	10.0	447	14.6	399	12.9	417	13.3	491	15.6
PLACER	50	14.0	44	12.2	58	15.9	52	14.1	70	18.7
PLUMAS	3	14.9*	2	10.1*	0	-	5	25.8*	4	20.6*
RIVERSIDE	145	6.5	206	9.2	220	9.7	229	10.0	210	9.0
SACRAMENTO	114	8.0	129	9.0	149	10.3	164	11.2	169	11.5
SAN BENITO	19	33.8	9	15.8*	12	20.9*	9	15.5*	8	13.6*
SAN BERNARDINO	187	9.1	247	12.0	234	11.3	234	11.2	263	12.4
SAN DIEGO	370	11.8	388	12.3	468	14.7	538	16.7	580	17.9
SAN FRANCISCO	124	15.2	123	14.9	182	21.8	175	20.8	164	19.3
SAN JOAQUIN	82	11.8	103	14.7	107	15.2	113	15.8	111	15.3
SAN LUIS OBISPO	20	7.4	42	15.5	42	15.5	39	14.3	50	18.2
SAN MATEO	96	13.2	140	19.0	167	22.5	147	19.7	137	18.2
SANTA BARBARA	51	12.0	52	12.2	51	11.8	69	15.8	85	19.4
SANTA CLARA	285	15.8	278	15.2	356	19.2	366	19.6	295	15.6
SANTA CRUZ	36	13.5	28	10.4	33	12.2	53	19.5	33	12.1
SHASTA	12	6.7*	16	9.0*	25	14.0	31	17.3	26	14.4
SIERRA	0	-	0	-	1	30.6*	0	-	1	30.7*
SISKIYOU	3	6.7*	5	11.0*	13	28.8*	4	8.8*	4	8.8*
SOLANO	45	10.8	47	11.2	55	13.0	55	12.8	70	16.2
SONOMA	60	12.3	64	13.1	65	13.2	60	12.1	57	11.4
STANISLAUS	59	11.4	68	13.0	72	13.7	86	16.2	71	13.2
SUTTER	12	12.6*	12	12.4*	21	21.6	10	10.3*	10	10.2*
TEHAMA	15	23.5*	12	18.7*	10	15.5*	8	12.3*	14	21.5*
TRINITY	0	-	0	-	1	7.3*	2	14.5*	0	-
TULARE	52	11.6	47	10.4	57	12.5	60	13.0	87	18.6
TUOLUMNE	3	5.4*	7	12.8*	8	14.6*	3	5.5*	3	5.5*
VENTURA	38	4.6	96	11.5	100	11.9	115	13.6	108	12.7
YOLO	17	8.4*	21	10.2	32	15.5	42	20.2	41	19.6
YUBA	10	13.7*	11	15.0*	25	34.0	7	9.4*	7	9.3*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Includes cases identified as paratyphoid.

Salmonellosis

Salmonellosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	4,036	4,672	5,048	5,374	5,580
JANUARY	256	240	272	278	306
FEBRUARY	193	195	253	278	316
MARCH	240	223	329	358	388
APRIL	306	298	366	401	349
MAY	404	424	505	514	424
JUNE	407	385	517	505	470
JULY	517	645	640	612	577
AUGUST	500	634	525	650	810
SEPTEMBER	379	467	638	545	718
OCTOBER	345	472	417	558	503
NOVEMBER	268	397	327	364	419
DECEMBER	221	292	259	311	300

Salmonellosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4,036	10.7	4,672	12.3	5,048	13.2	5,374	13.9	5,580	14.3
0	232	45.8	293	59.2	309	62.1	334	66.4	307	60.6
1-4	618	30.7	688	34.3	691	34.7	726	36.3	618	30.8
5-9	412	16.5	438	17.4	529	20.8	507	20.0	513	20.3
10-14	236	9.2	258	10.2	288	11.4	319	12.7	294	11.7
15-24	479	8.6	562	10.1	574	10.3	605	10.9	665	12.0
25-34	457	8.5	495	9.1	597	10.9	630	11.4	728	13.2
35-44	367	7.1	424	8.2	452	8.8	473	9.2	503	9.7
45-54	372	7.1	464	8.9	462	8.8	506	9.7	599	11.4
55-64	345	8.2	428	9.9	482	10.9	491	10.8	569	12.2
65+	511	11.6	608	13.2	646	13.4	766	15.3	774	14.9
UNKNOWN	7	-	14	-	18	-	17	-	10	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

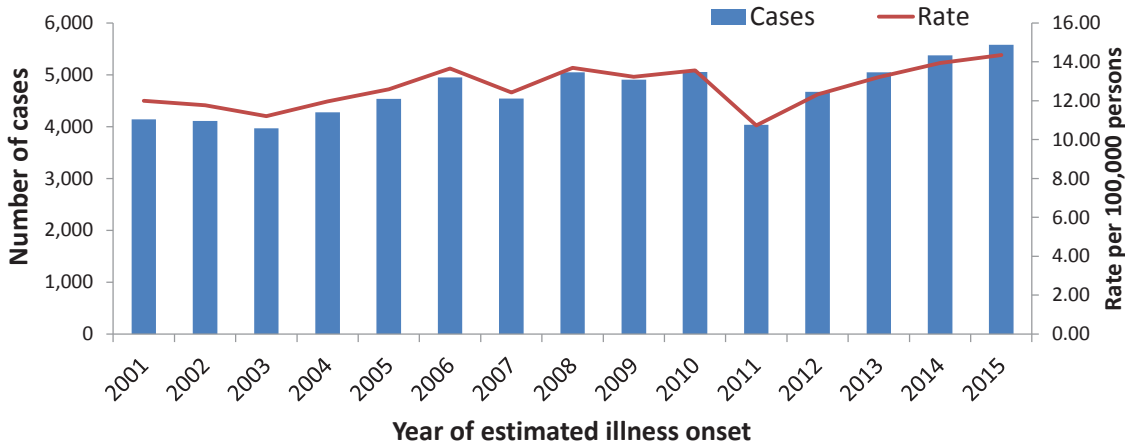
Salmonellosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	4,036	4,672	5,048	5,374	5,580
ASIAN/PACIFIC ISLANDER	409	486	641	611	500
BLACK, NOT HISPANIC	132	169	176	166	199
HISPANIC	1,421	1,645	1,662	1,781	1,933
AMERICAN INDIAN/ALASKAN NATIVE	6	13	9	9	18
WHITE, NOT HISPANIC	1,270	1,401	1,550	1,775	2,033
OTHER OR MULTI-RACE	74	85	138	152	174
UNKNOWN	724	873	872	880	723

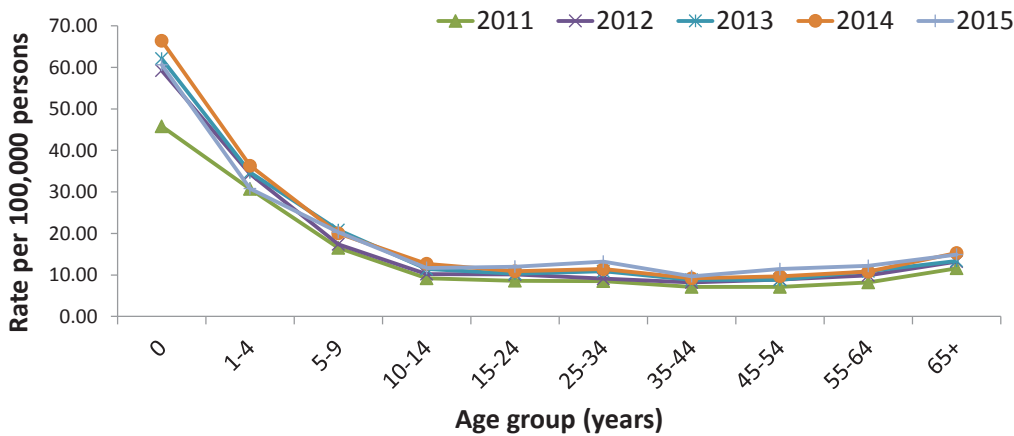
**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Includes cases identified as paratyphoid.

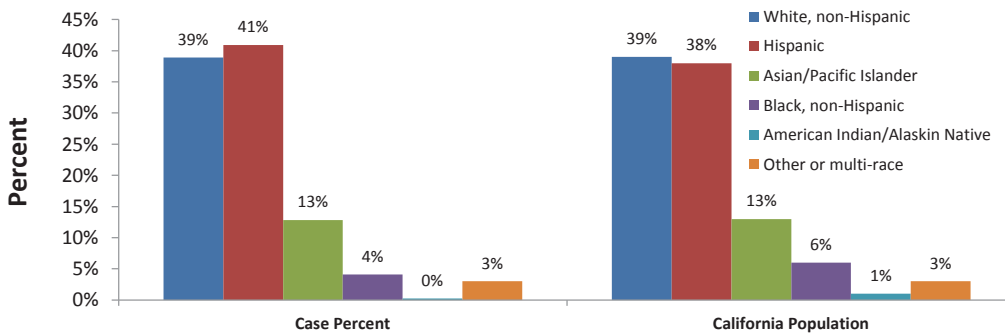
Salmonellosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Salmonellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



Salmonellosis Cases and Population by Race/Ethnicity, 2011–2015



16.5% of reported incidents of Salmonellosis did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	19	0.1	13	0.0*	17	0.0*	22	0.1	21	0.1
ALAMEDA COUNTY TOTAL	2	0.1*	0	-	0	-	1	0.1*	0	-
ALAMEDA	2	0.1*	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	1	0.9*	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	-	0	-	0	-	2	0.2*
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	2	0.0*	4	0.0*	0	-	1	0.0*	5	0.0*
LOS ANGELES	1	0.0*	4	0.0*	0	-	1	0.0*	5	0.1*
LONG BEACH	0	-	0	-	0	-	0	-	0	-
PASADENA	1	0.7*	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	0	-	1	0.4*	0	-	1	0.4*
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	1	0.2*	1	0.2*	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	4	0.1*	4	0.1*	6	0.2*	6	0.2*	3	0.1*
PLACER	0	-	0	-	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	1	0.0*	0	-
SAN DIEGO	2	0.1*	1	0.0*	0	-	9	0.3*	2	0.1*
SAN FRANCISCO	3	0.4*	2	0.2*	2	0.2*	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	2	0.7*	0	-	0	-	0	-	3	1.1*
SAN MATEO	1	0.1*	0	-	3	0.4*	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	1	0.1*	4	0.2*	1	0.1*	3	0.2*
SANTA CRUZ	0	-	0	-	0	-	0	-	1	0.4*
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	-	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	-	2	0.2*	0	-
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	19	13	17	22	21
JANUARY	1	0	0	1	1
FEBRUARY	0	1	1	1	1
MARCH	3	3	0	1	0
APRIL	3	0	5	3	3
MAY	2	2	2	5	4
JUNE	2	0	0	2	3
JULY	0	4	2	1	5
AUGUST	4	0	6	3	1
SEPTEMBER	1	0	0	1	0
OCTOBER	2	0	1	1	3
NOVEMBER	0	2	0	0	0
DECEMBER	1	1	0	3	0

Scombroid Fish Poisoning, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	19	0.1	13	0.0*	17	0.0*	22	0.1	21	0.1
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	1	0.0*	1	0.0*
15-24	3	0.1*	4	0.1*	3	0.1*	5	0.1*	3	0.1*
25-34	3	0.1*	1	0.0*	5	0.1*	3	0.1*	3	0.1*
35-44	7	0.1*	2	0.0*	2	0.0*	3	0.1*	1	0.0*
45-54	3	0.1*	2	0.0*	3	0.1*	6	0.1*	5	0.1*
55-64	1	0.0*	3	0.1*	1	0.0*	1	0.0*	7	0.2*
65+	2	0.0*	0	-	2	0.0*	2	0.0*	1	0.0*
UNKNOWN	0	-	1	-	1	-	1	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

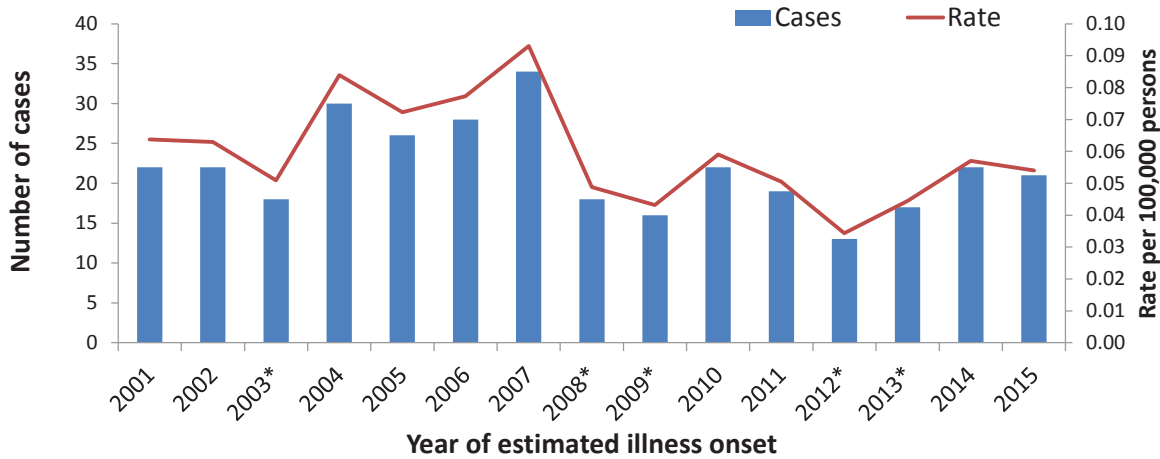
Scombroid Fish Poisoning, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	19	13	17	22	21
ASIAN/PACIFIC ISLANDER	2	1	5	2	2
BLACK, NOT HISPANIC	1	0	0	0	0
HISPANIC	0	2	1	2	2
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	8	8	8	14	9
OTHER OR MULTI-RACE	1	0	0	0	0
UNKNOWN		7	2	3	4

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

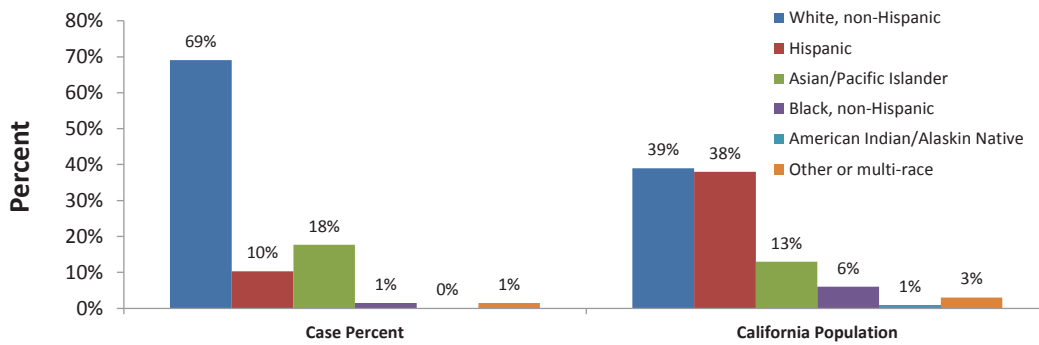
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Scombroid Fish Poisoning Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



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

Scombroid Fish Poisoning Cases and Population by Race/Ethnicity, 2011–2015



26.1% of reported incidents of Scombroid Fish Poisoning did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Shiga Toxin Positive Feces (without culture confirmation)

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	84	0.2	72	0.2	50	0.1	47	0.1	99	0.3
ALAMEDA COUNTY TOTAL	2	0.1*	2	0.1*	1	0.1*	2	0.1*	2	0.1*
ALAMEDA	2	0.1*	1	0.1*	0	-	2	0.1*	2	0.1*
BERKELEY	0	-	1	0.9*	1	0.9*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	1	0.5*	0	-	1	0.4*
CALAVERAS	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	2	0.2*	2	0.2*	3	0.3*	4	0.4*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	2	1.1*	1	0.5*	0	-
FRESNO	2	0.2*	2	0.2*	0	-	1	0.1*	5	0.5*
GLENN	1	3.5*	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.7*
IMPERIAL	1	0.6*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	1	5.2*
KERN	0	-	2	0.2*	0	-	1	0.1*	2	0.2*
KINGS	1	0.7*	1	0.7*	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	3	8.6*	1	2.8*
LOS ANGELES COUNTY TOTAL	19	0.2	4	0.0*	2	0.0*	7	0.1*	28	0.3
LOS ANGELES	15	0.2*	2	0.0*	1	0.0*	5	0.1*	23	0.2
LONG BEACH	2	0.4*	0	-	0	-	0	-	5	1.0*
PASADENA	2	1.4*	2	1.4*	1	0.7*	2	1.4*	0	-
MADERA	1	0.7*	0	-	0	-	0	-	0	-
MARIN	2	0.8*	2	0.8*	2	0.8*	2	0.8*	2	0.8*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	0	-	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-
MODOC	1	10.3*	0	-	0	-	0	-	0	-
MONO	1	6.9*	0	-	0	-	0	-	0	-
MONTEREY	3	0.7*	0	-	3	0.7*	1	0.2*	2	0.5*
NAPA	0	-	0	-	0	-	0	-	2	1.4*
NEVADA	0	-	1	1.0*	0	-	0	-	0	-
ORANGE	4	0.1*	4	0.1*	6	0.2*	1	0.0*	6	0.2*
PLACER	3	0.8*	0	-	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.2*	7	0.3*	3	0.1*	2	0.1*	1	0.0*
SACRAMENTO	1	0.1*	2	0.1*	4	0.3*	1	0.1*	2	0.1*
SAN BENITO	0	-	0	-	0	-	1	1.7*	0	-
SAN BERNARDINO	7	0.3*	9	0.4*	1	0.0*	3	0.1*	3	0.1*
SAN DIEGO	1	0.0*	7	0.2*	3	0.1*	4	0.1*	5	0.2*
SAN FRANCISCO	2	0.2*	3	0.4*	1	0.1*	3	0.4*	1	0.1*
SAN JOAQUIN	1	0.1*	2	0.3*	1	0.1*	0	-	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	2	0.3*	5	0.7*	0	-	1	0.1*	5	0.7*
SANTA BARBARA	7	1.6*	3	0.7*	1	0.2*	0	-	0	-
SANTA CLARA	7	0.4*	2	0.1*	5	0.3*	2	0.1*	8	0.4*
SANTA CRUZ	1	0.4*	2	0.7*	3	1.1*	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	1	2.2*
SOLANO	0	-	1	0.2*	0	-	1	0.2*	0	-
SONOMA	1	0.2*	1	0.2*	0	-	0	-	4	0.8*
STANISLAUS	1	0.2*	1	0.2*	0	-	2	0.4*	2	0.4*
SUTTER	0	-	1	1.0*	0	-	0	-	1	1.0*
TEHAMA	2	3.1*	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	2	0.4*	2	0.4*	3	0.7*	3	0.6*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.2*	0	-	3	0.4*	1	0.1*	4	0.5*
YOLO	0	-	0	-	0	-	0	-	2	1.0*
YUBA	0	-	2	2.7*	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Shiga Toxin Positive Feces (without culture confirmation)

Shiga Toxin Positive Feces (without culture confirmation), Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	84	72	50	47	99
JANUARY	8	9	4	2	2
FEBRUARY	8	1	3	2	5
MARCH	3	4	1	2	8
APRIL	5	6	6	2	7
MAY	8	9	5	7	6
JUNE	10	6	4	3	8
JULY	10	5	5	5	14
AUGUST	7	5	5	10	11
SEPTEMBER	9	8	5	6	6
OCTOBER	7	8	5	4	14
NOVEMBER	5	6	2	2	10
DECEMBER	4	5	5	2	8

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	84	0.2	72	0.2	50	0.1	47	0.1	99	0.3
0	3	0.6*	2	0.4*	0	-	3	0.6*	1	0.2*
1-4	27	1.3	16	0.8*	17	0.9*	9	0.5*	14	0.7*
5-9	6	0.2*	5	0.2*	6	0.2*	4	0.2*	4	0.2*
10-14	1	0.0*	5	0.2*	5	0.2*	3	0.1*	12	0.5*
15-24	9	0.2*	12	0.2*	8	0.1*	2	0.0*	11	0.2*
25-34	10	0.2*	4	0.1*	3	0.1*	3	0.1*	10	0.2*
35-44	2	0.0*	4	0.1*	2	0.0*	4	0.1*	7	0.1*
45-54	3	0.1*	6	0.1*	1	0.0*	5	0.1*	12	0.2*
55-64	9	0.2*	7	0.2*	2	0.0*	2	0.0*	10	0.2*
65+	14	0.3*	11	0.2*	6	0.1*	12	0.2*	18	0.3*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

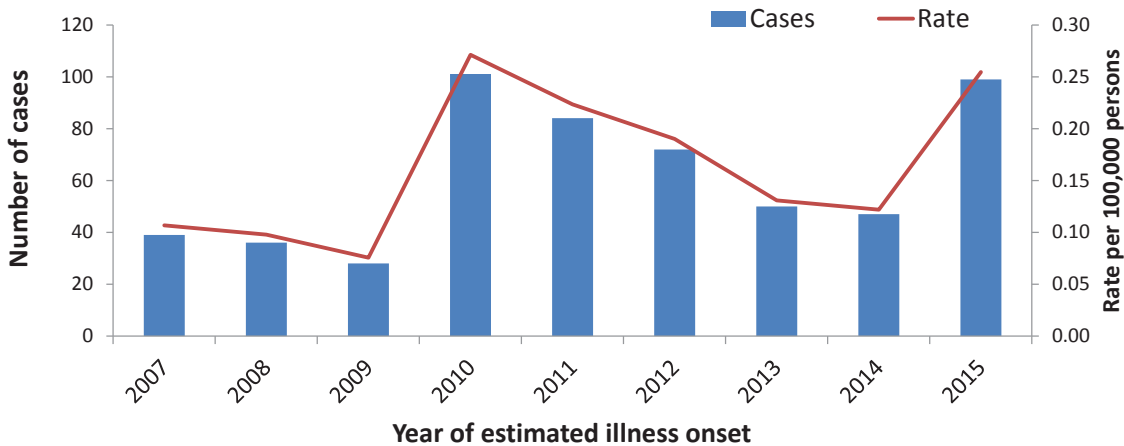
*Potentially unreliable rate, relative standard error 23 percent or more

Shiga Toxin Positive Feces (without culture confirmation), Cases by Race/Ethnicity, California, 2011–2015

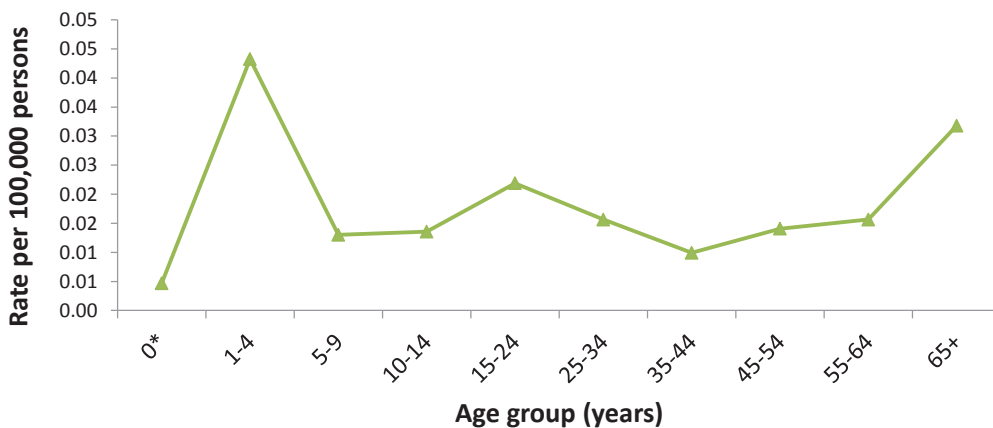
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	84	72	50	47	99
ASIAN/PACIFIC ISLANDER	5	2	3	5	6
BLACK, NOT HISPANIC	1	3	1	2	7
HISPANIC	34	21	19	11	28
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	34	26	18	15	38
OTHER OR MULTI-RACE	0	0	2	2	4
UNKNOWN	10	20	7	12	16

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Shiga Toxin Positive Feces (without culture confirmation) Counts and Incidence Rates by Year of Estimated Illness Onset, 2007–2015

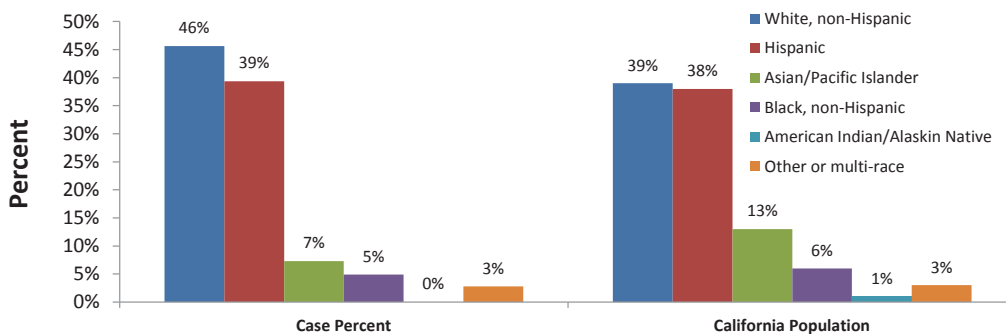


Shiga Toxin Positive Feces (without culture confirmation) Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



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

Shiga Toxin Positive Feces (without culture confirmation) Cases and Population by Race/Ethnicity, 2011–2015



18.5% of reported incidents of Shiga Toxin Positive Feces (without culture confirmation) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Shigellosis

Shigellosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	949	2.5	1,095	2.9	1,071	2.8	1,644	4.3	2,231	5.7
ALAMEDA COUNTY TOTAL	50	3.3	44	2.9	55	3.5	81	5.1	130	8.1
ALAMEDA	48	3.4	43	3.0	52	3.6	74	5.0	124	8.3
BERKELEY	2	1.7*	1	0.9*	3	2.6*	7	6.0*	6	5.0*
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	2	0.9*	7	3.2*	1	0.5*	0	-	3	1.3*
CALAVERAS	1	2.2*	0	-	0	-	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	16	1.5*	26	2.4	22	2.0	31	2.8	30	2.7
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	3	1.7*	1	0.5*	2	1.1*	1	0.5*	5	2.7*
FRESNO	18	1.9*	21	2.2	23	2.4	39	4.0	85	8.7
GLENN	0	-	0	-	1	3.5*	2	6.9*	0	-
HUMBOLDT	1	0.7*	0	-	0	-	0	-	1	0.7*
IMPERIAL	16	9.0*	17	9.5*	26	14.5	28	15.3	29	15.5
INYO	0	-	1	5.2*	0	-	2	10.4*	0	-
KERN	21	2.5	24	2.8	16	1.8*	12	1.4*	23	2.6
KINGS	4	2.6*	0	-	0	-	0	-	1	0.6*
LAKE	0	-	0	-	0	-	0	-	1	1.5*
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	284	2.9	329	3.3	254	2.5	385	3.8	532	5.2
LOS ANGELES	271	2.9	306	3.3	229	2.4	353	3.7	503	5.3
LONG BEACH	9	1.9*	22	4.7	23	4.8	26	5.4	25	5.2
PASADENA	4	2.9*	1	0.7*	2	1.4*	6	4.3*	4	2.9*
MADERA	4	2.6*	1	0.7*	7	4.6*	5	3.2*	9	5.7*
MARIN	5	2.0*	4	1.6*	7	2.7*	10	3.9*	21	8.1
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-	1	1.1*	4	4.5*
MERCED	8	3.1*	9	3.4*	39	14.8	0	-	3	1.1*
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	1	7.0*	0	-	0	-
MONTEREY	34	8.1	18	4.3*	19	4.5	25	5.9	15	3.5*
NAPA	4	2.9*	5	3.6*	4	2.9*	7	5.0*	11	7.7*
NEVADA	3	3.0*	2	2.0*	0	-	0	-	4	4.1*
ORANGE	64	2.1	66	2.1	69	2.2	83	2.7	68	2.2
PLACER	3	0.8*	4	1.1*	1	0.3*	5	1.4*	15	4.0*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	37	1.7	44	2.0	35	1.5	82	3.6	69	3.0
SACRAMENTO	15	1.0*	22	1.5	17	1.2*	16	1.1*	123	8.3
SAN BENITO	3	5.3*	1	1.8*	2	3.5*	2	3.4*	2	3.4*
SAN BERNARDINO	17	0.8*	21	1.0	10	0.5*	24	1.1	48	2.3
SAN DIEGO	48	1.5	102	3.2	126	4.0	242	7.5	184	5.7
SAN FRANCISCO	109	13.4	144	17.4	115	13.8	290	34.5	221	26.0
SAN JOAQUIN	26	3.7	7	1.0*	13	1.8*	30	4.2	188	26.0
SAN LUIS OBISPO	4	1.5*	2	0.7*	4	1.5*	7	2.6*	9	3.3*
SAN MATEO	25	3.4	16	2.2*	14	1.9*	37	5.0	36	4.8
SANTA BARBARA	6	1.4*	19	4.4	15	3.5*	27	6.2	10	2.3*
SANTA CLARA	39	2.2	70	3.8	50	2.7	80	4.3	225	11.9
SANTA CRUZ	9	3.4*	7	2.6*	10	3.7*	8	2.9*	10	3.7*
SHASTA	0	-	0	-	1	0.6*	0	-	3	1.7*
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	0	-	0	-	0	-
SOLANO	4	1.0*	6	1.4*	10	2.4*	12	2.8*	17	3.9*
SONOMA	9	1.8*	4	0.8*	33	6.7	11	2.2*	10	2.0*
STANISLAUS	13	2.5*	8	1.5*	24	4.6	19	3.6	20	3.7
SUTTER	1	1.1*	0	-	2	2.1*	7	7.2*	5	5.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	8	1.8*	17	3.8*	17	3.7*	5	1.1*	20	4.3
TUOLUMNE	0	-	0	-	1	1.8*	1	1.8*	1	1.8*
VENTURA	12	1.4*	23	2.8	20	2.4	17	2.0*	23	2.7
YOLO	21	10.3	3	1.5*	3	1.5*	8	3.8*	15	7.2*
YUBA	0	-	0	-	2	2.7*	1	1.3*	2	2.7*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Shigellosis

Shigellosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	949	1,095	1,071	1,644	2,231
JANUARY	86	61	59	65	123
FEBRUARY	51	38	47	84	104
MARCH	50	51	52	53	121
APRIL	49	75	64	74	97
MAY	48	89	49	99	146
JUNE	71	76	107	85	147
JULY	75	118	143	142	199
AUGUST	144	169	143	189	223
SEPTEMBER	116	158	115	242	223
OCTOBER	132	103	136	206	436
NOVEMBER	73	86	79	166	251
DECEMBER	54	71	77	239	161

Shigellosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	949	2.5	1,095	2.9	1,071	2.8	1,644	4.3	2,231	5.7
0	12	2.4*	13	2.6*	6	1.2*	8	1.6*	7	1.4*
1-4	158	7.8	141	7.0	155	7.8	162	8.1	202	10.1
5-9	122	4.9	154	6.1	162	6.4	178	7.0	194	7.7
10-14	43	1.7	49	1.9	52	2.1	61	2.4	87	3.5
15-24	95	1.7	96	1.7	95	1.7	154	2.8	242	4.4
25-34	143	2.7	164	3.0	158	2.9	255	4.6	410	7.4
35-44	116	2.2	152	2.9	141	2.7	249	4.8	313	6.1
45-54	146	2.8	144	2.7	142	2.7	277	5.3	374	7.1
55-64	62	1.5	86	2.0	87	2.0	168	3.7	244	5.2
65+	51	1.2	92	2.0	64	1.3	130	2.6	156	3.0
UNKNOWN	1	-	4	-	9	-	2	-	2	-

Rates are expressed as cases per 100,000 population.

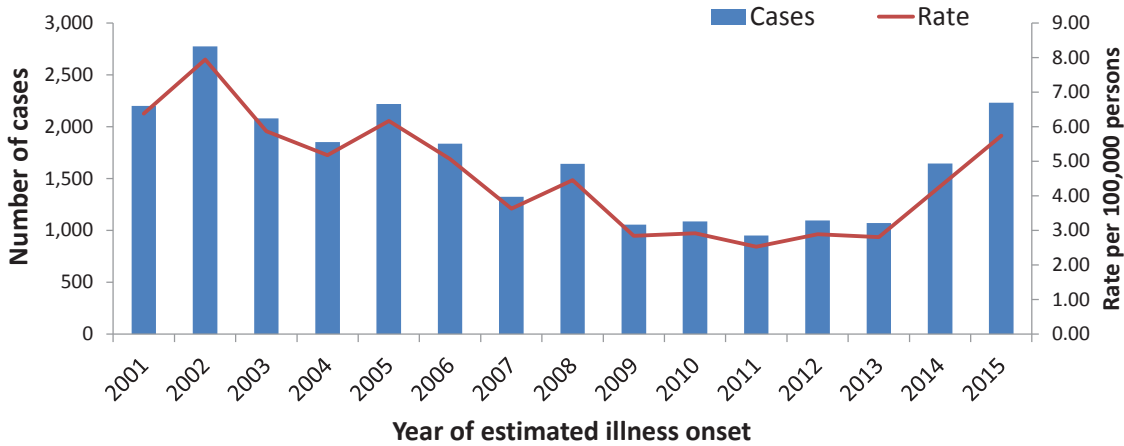
*Potentially unreliable rate, relative standard error 23 percent or more

Shigellosis, Cases by Race/Ethnicity, California, 2011–2015

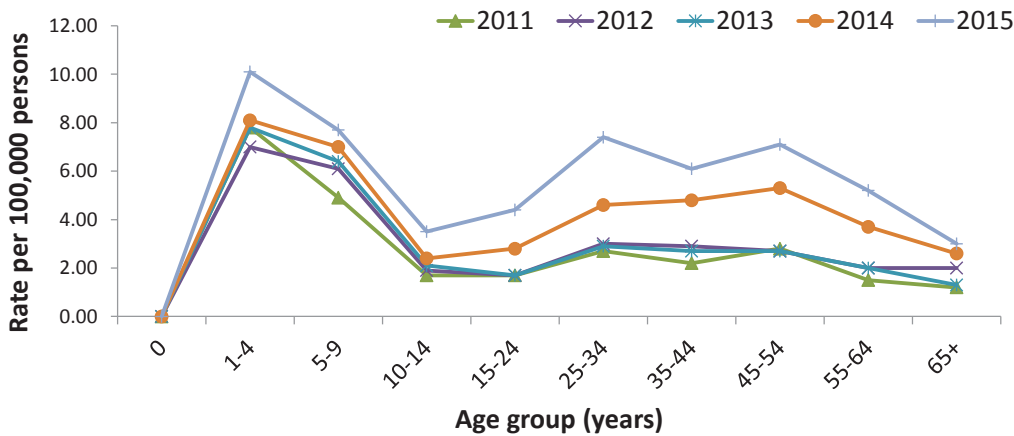
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	949	1,095	1,071	1,644	2,231
ASIAN/PACIFIC ISLANDER	26	46	38	82	83
BLACK, NOT HISPANIC	48	50	47	84	195
HISPANIC	437	483	485	613	860
AMERICAN INDIAN/ALASKAN NATIVE	3	5	6	3	8
WHITE, NOT HISPANIC	278	357	307	558	739
OTHER OR MULTI-RACE	9	9	13	24	37
UNKNOWN	148	145	175	280	309

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

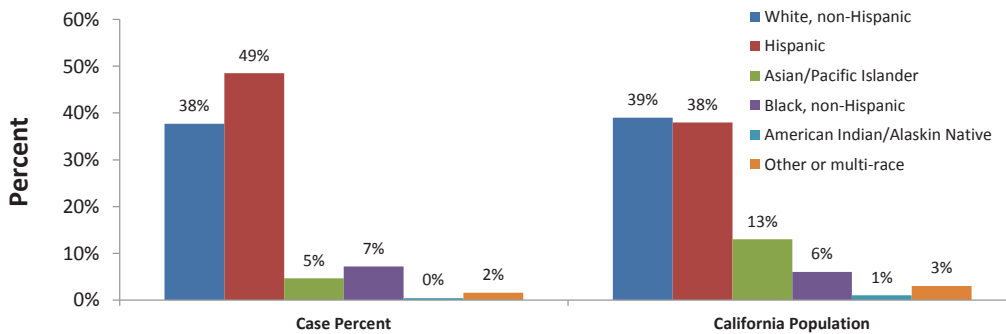
Shigellosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Shigellosis Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



Shigellosis Cases and Population by Race/Ethnicity, 2011–2015



15.1% of reported incidents of Shigellosis did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	8	0.0*	22	0.1	17	0.0*	11	0.0*	10	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	1	0.1*	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-	1	0.9*	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*	3	0.3*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	0	-	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	2	1.1*	1	0.5*
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	2	1.3*	0	-	0	-	0	-
LAKE	3	4.6*	1	1.5*	0	-	1	1.5*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	2	0.0*	1	0.0*	0	-
LOS ANGELES	1	0.0*	0	-	2	0.0*	0	-	0	-
LONG BEACH	0	-	0	-	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	1	0.7*	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	1	0.2*	2	0.5*	1	0.2*	1	0.2*	0	-
NAPA	0	-	1	0.7*	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	0	-	1	0.0*	2	0.1*
PLACER	0	-	2	0.6*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	1	0.0*	1	0.0*	0	-
SACRAMENTO	0	-	1	0.1*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	1	0.0*
SAN DIEGO	0	-	1	0.0*	4	0.1*	2	0.1*	2	0.1*
SAN FRANCISCO	0	-	0	-	3	0.4*	0	-	0	-
SAN JOAQUIN	0	-	0	-	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	0	-
SAN MATEO	0	-	2	0.3*	1	0.1*	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	1	0.1*	0	-	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-
SHASTA	0	-	0	-	1	0.6*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	1	0.2*	0	-	0	-	0	-
SUTTER	0	-	0	-	1	1.0*	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	-	1	0.1*	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	8	22	17	11	10
JANUARY	0	2	0	1	0
FEBRUARY	0	2	1	0	0
MARCH	0	0	0	0	2
APRIL	1	1	1	0	1
MAY	1	1	0	3	2
JUNE	0	4	4	1	2
JULY	2	4	1	3	1
AUGUST	2	3	7	1	1
SEPTEMBER	1	1	1	1	1
OCTOBER	0	3	1	0	0
NOVEMBER	0	0	1	1	0
DECEMBER	1	1	0	0	0

Spotted Fever Rickettsiosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8	0.0*	22	0.1	17	0.0*	11	0.0*	10	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	1	0.0*	0	-	0	-	0	-
5-9	2	0.1*	4	0.2*	0	-	0	-	0	-
10-14	1	0.0*	4	0.2*	0	-	0	-	0	-
15-24	2	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.1*
25-34	0	-	2	0.0*	2	0.0*	1	0.0*	3	0.1*
35-44	0	-	2	0.0*	2	0.0*	2	0.0*	1	0.0*
45-54	1	0.0*	2	0.0*	4	0.1*	1	0.0*	1	0.0*
55-64	1	0.0*	2	0.0*	7	0.2*	2	0.0*	1	0.0*
65+	1	0.0*	4	0.1*	1	0.0*	4	0.1*	1	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

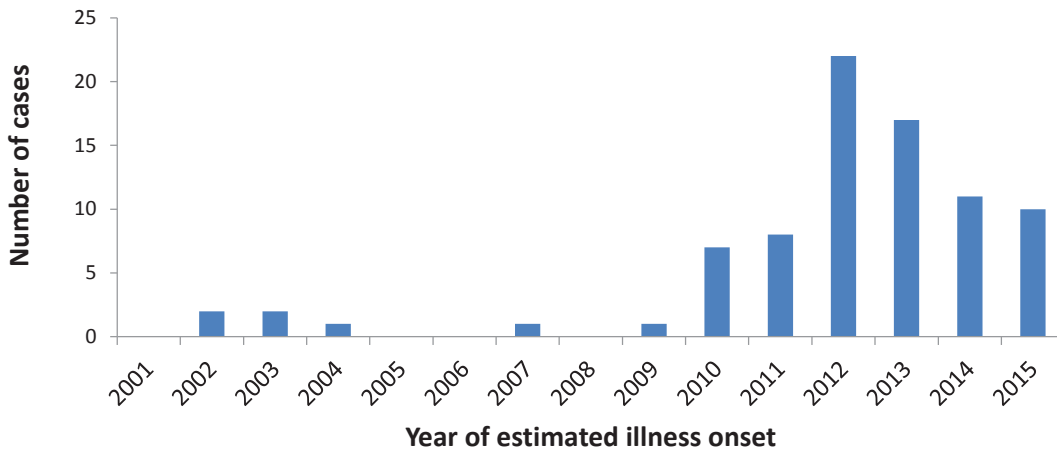
*Potentially unreliable rate, relative standard error 23 percent or more

Spotted Fever Rickettsiosis, Cases by Race/Ethnicity, California, 2011–2015

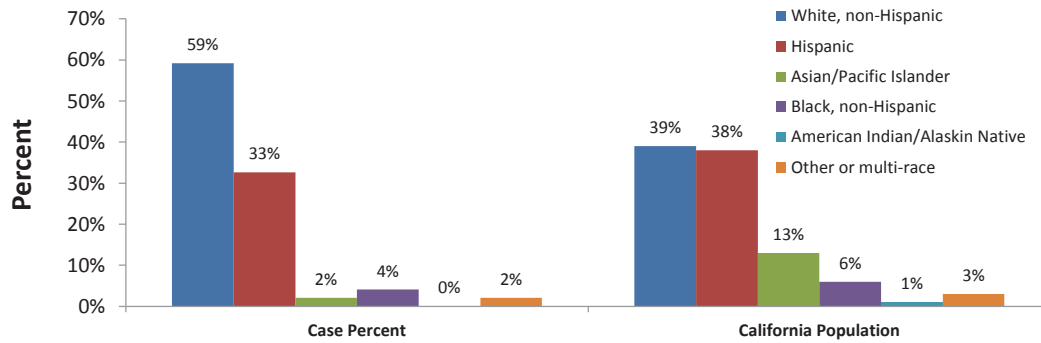
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	8	22	17	11	10
ASIAN/PACIFIC ISLANDER	0	0	1	0	0
BLACK, NOT HISPANIC	0	0	1	1	0
HISPANIC	0	2	5	5	4
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	6	11	6	3	3
OTHER OR MULTI-RACE	0	1	0	0	0
UNKNOWN	2	8	4	2	3

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Spotted Fever Rickettsiosis counts by year, 2001–2015



Spotted Fever Rickettsiosis Cases and Population by Race/Ethnicity, 2011–2015



27.9% of reported incidents of Spotted Fever Rickettsiosis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Staphylococcus aureus Infection (cases resulting in death or ICU)

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	168	0.4	109	0.3	118	0.3	72	0.2	59	0.2
ALAMEDA COUNTY TOTAL	4	0.3*	2	0.1*	0	-	1	0.1*	0	-
ALAMEDA	4	0.3*	2	0.1*	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	1	2.7*	0	-	0	-	1	2.7*
BUTTE	0	-	0	-	0	-	0	-	1	0.4*
CALAVERAS	1	2.2*	0	-	1	2.2*	0	-	2	4.4*
COLUSA	1	4.6*	0	-	0	-	0	-	0	-
CONTRA COSTA	8	0.8*	3	0.3*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*	0	-	0	-
FRESNO	3	0.3*	1	0.1*	1	0.1*	7	0.7*	1	0.1*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.7*	7	5.1*	7	5.1*	4	2.9*	6	4.4*
IMPERIAL	0	-	0	-	1	0.6*	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	2	0.2*	2	0.2*	3	0.3*	2	0.2*
KINGS	1	0.7*	0	-	2	1.3*	1	0.7*	2	1.3*
LAKE	0	-	0	-	1	1.5*	1	1.5*	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	37	0.4	19	0.2	27	0.3	11	0.1*	4	0.0*
LOS ANGELES	35	0.4	19	0.2	25	0.3	10	0.1*	4	0.0*
LONG BEACH	2	0.4*	0	-	2	0.4*	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	1	0.7*	0	-	0	-
MARIN	0	-	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	1	1.1*	3	3.4*	0	-
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	7	1.7*	1	0.2*	2	0.5*	0	-	0	-
NAPA	0	-	1	0.7*	1	0.7*	0	-	0	-
NEVADA	2	2.0*	0	-	0	-	0	-	0	-
ORANGE	20	0.7	13	0.4*	15	0.5*	6	0.2*	4	0.1*
PLACER	6	1.7*	3	0.8*	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	2	0.1*	1	0.0*	0	-	0	-
SACRAMENTO	6	0.4*	12	0.8*	7	0.5*	5	0.3*	2	0.1*
SAN BENITO	0	-	0	-	1	1.7*	0	-	0	-
SAN BERNARDINO	18	0.9*	6	0.3*	9	0.4*	9	0.4*	4	0.2*
SAN DIEGO	9	0.3*	7	0.2*	9	0.3*	3	0.1*	15	0.5*
SAN FRANCISCO	3	0.4*	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	2	0.3*	1	0.1*	1	0.1*
SAN LUIS OBISPO	2	0.7*	0	-	4	1.5*	1	0.4*	0	-
SAN MATEO	2	0.3*	2	0.3*	1	0.1*	0	-	0	-
SANTA BARBARA	1	0.2*	0	-	0	-	1	0.2*	0	-
SANTA CLARA	1	0.1*	3	0.2*	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	1	0.4*	1	0.4*	1	0.4*
SHASTA	2	1.1*	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	2	0.5*	1	0.2*	0	-	0	-	2	0.5*
SONOMA	1	0.2*	6	1.2*	4	0.8*	1	0.2*	0	-
STANISLAUS	6	1.2*	3	0.6*	1	0.2*	0	-	0	-
SUTTER	4	4.2*	1	1.0*	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	15	3.3*	8	1.8*	8	1.8*	6	1.3*	7	1.5*
TUOLUMNE	4	7.2*	2	3.7*	7	12.8*	3	5.5*	3	5.5*
VENTURA	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	1	0.5*	0	-	3	1.4*	1	0.5*
YUBA	0	-	0	-	0	-	1	1.3*	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Staphylococcus aureus infection (only a case resulting in death or admission to an intensive care unit of a person who has not been hospitalized or had surgery, dialysis, or residency in a long-term care facility in the past year, and did not have an indwelling catheter or percutaneous medicine at the time of culture).

Staphylococcus aureus Infection (cases resulting in death or ICU)

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	168	109	118	72	59
JANUARY	13	10	15	9	13
FEBRUARY	24	9	19	7	5
MARCH	23	12	8	5	3
APRIL	16	12	6	5	12
MAY	11	8	10	3	0
JUNE	9	8	7	3	2
JULY	14	9	8	2	5
AUGUST	13	14	11	5	7
SEPTEMBER	15	7	8	9	1
OCTOBER	9	10	7	4	6
NOVEMBER	10	5	11	11	3
DECEMBER	11	5	8	9	2

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	168	0.4	109	0.3	118	0.3	72	0.2	59	0.2
0	5	1.0*	2	0.4*	2	0.4*	1	0.2*	0	-
1-4	4	0.2*	6	0.3*	3	0.2*	1	0.1*	1	0.0*
5-9	1	0.0*	2	0.1*	0	-	1	0.0*	0	-
10-14	6	0.2*	7	0.3*	5	0.2*	5	0.2*	2	0.1*
15-24	12	0.2*	6	0.1*	9	0.2*	7	0.1*	4	0.1*
25-34	13	0.2*	13	0.2*	14	0.3*	5	0.1*	4	0.1*
35-44	18	0.3*	10	0.2*	13	0.3*	7	0.1*	3	0.1*
45-54	35	0.7	15	0.3*	20	0.4	11	0.2*	15	0.3*
55-64	39	0.9	17	0.4*	24	0.5	16	0.4*	15	0.3*
65+	35	0.8	31	0.7	28	0.6	17	0.3*	13	0.3*
UNKNOWN	0	-	0	-	0	-	1	-	2	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

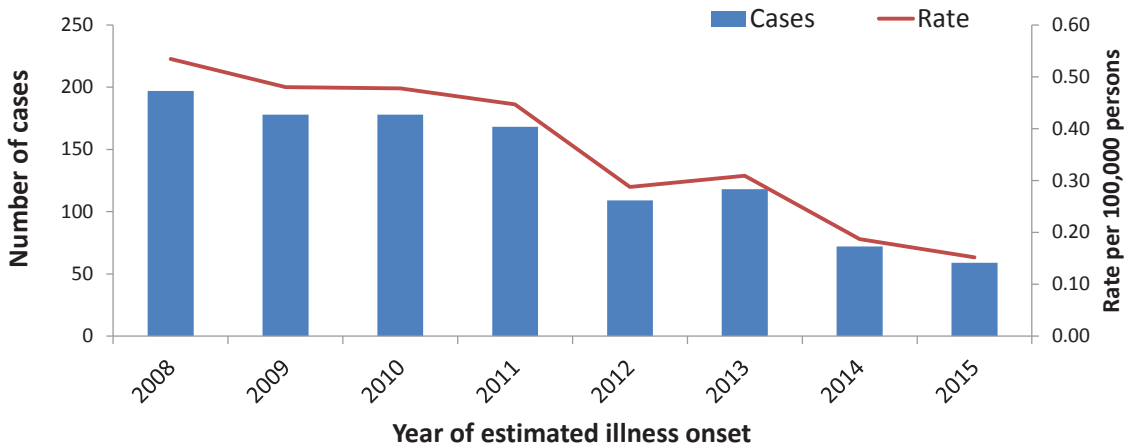
Staphylococcus aureus Infection (cases resulting in death or ICU), Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	168	109	118	72	59
ASIAN/PACIFIC ISLANDER	7	12	4	10	1
BLACK, NOT HISPANIC	8	5	7	1	1
HISPANIC	44	19	29	23	18
AMERICAN INDIAN/ALASKAN NATIVE	0	1	1	0	0
WHITE, NOT HISPANIC	92	55	63	35	34
OTHER OR MULTI-RACE	4	2	2	1	0
UNKNOWN	13	15	12	2	5

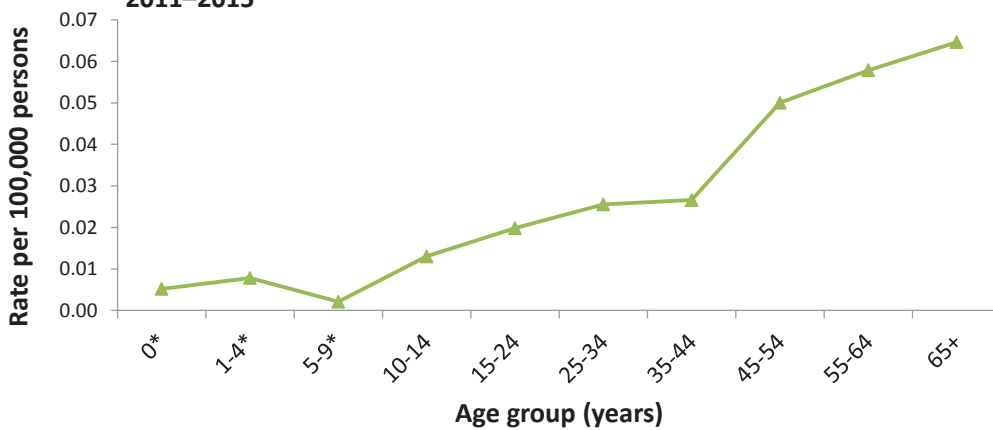
**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Staphylococcus aureus infection (only a case resulting in death or admission to an intensive care unit of a person who has not been hospitalized or had surgery, dialysis, or residency in a long-term care facility in the past year, and did not have an indwelling catheter or percutaneous medice at the time of culture).

Staphylococcus aureus Infection (cases resulting in death or ICU) Counts and Incidence Rates by Year of Estimated Illness Onset, 2008–2015

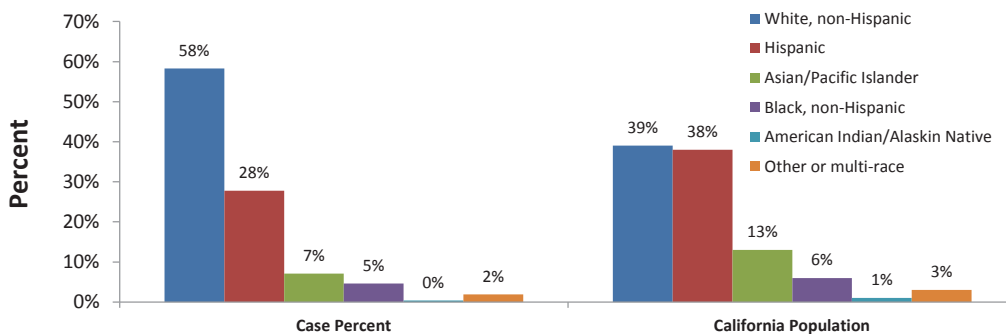


Staphylococcus aureus Infection (cases resulting in death or ICU) Incidence Rates by Age Group and Year of Estimated Illness Onset, 2011–2015



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

Staphylococcus aureus Infection (cases resulting in death or ICU) Cases and Population by Race/Ethnicity, 2011–2015



8.9% of reported incidents of Staphylococcus aureus Infection (cases resulting in death or ICU) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Streptococcal Infection (cases in food and dairy workers)

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5	0.0*	11	0.0*	5	0.0*	4	0.0*	21	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	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	1	0.0*	1	0.0*	0	-	0	-	5	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-
LONG BEACH	1	0.2*	1	0.2*	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	4	2.9*
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	-	0	-
PLACER	0	-	0	-	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	12	0.4*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	2	0.3*	0	-	1	0.1*	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	6	0.3*	5	0.3*	0	-	0	-
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	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	1	1.5*	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	1	1.8*	0	-
VENTURA	3	0.4*	2	0.2*	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Streptococcal Infection (cases in food and dairy workers)

Streptococcal Infection (cases in food and dairy workers), Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	5	11	5	4	21
JANUARY	0	0	0	0	3
FEBRUARY	0	0	2	0	1
MARCH	1	1	1	1	2
APRIL	1	1	1	0	0
MAY	0	3	1	0	0
JUNE	0	2	0	0	0
JULY	0	0	0	1	1
AUGUST	0	0	0	0	1
SEPTEMBER	1	0	0	1	0
OCTOBER	0	1	0	1	3
NOVEMBER	1	1	0	0	4
DECEMBER	1	2	0	0	6

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5	0.0*	11	0.0*	5	0.0*	4	0.0*	21	0.1
0	0	-	0	-	0	-	0	-	1	0.2*
1-4	0	-	0	-	0	-	0	-	1	0.0*
5-9	1	0.0*	1	0.0*	0	-	0	-	2	0.1*
10-14	0	-	0	-	0	-	0	-	1	0.0*
15-24	1	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*
25-34	1	0.0*	3	0.1*	3	0.1*	2	0.0*	2	0.0*
35-44	0	-	2	0.0*	0	-	0	-	1	0.0*
45-54	2	0.0*	1	0.0*	0	-	0	-	7	0.1*
55-64	0	-	0	-	0	-	0	-	0	-
65+	0	-	1	0.0*	0	-	2	0.0*	5	0.1*
UNKNOWN	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

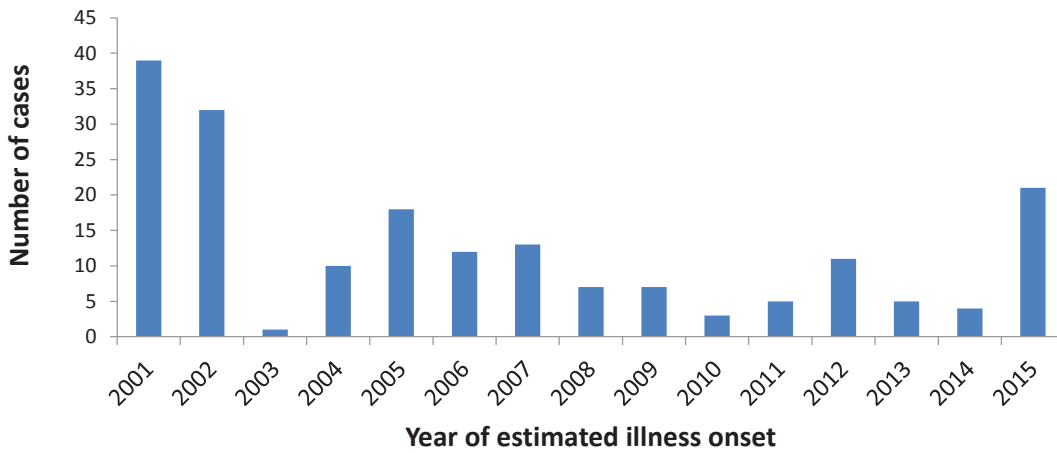
*Potentially unreliable rate, relative standard error 23 percent or more

Streptococcal Infection (cases in food and dairy workers), Cases by Race/Ethnicity, California, 2011–2015

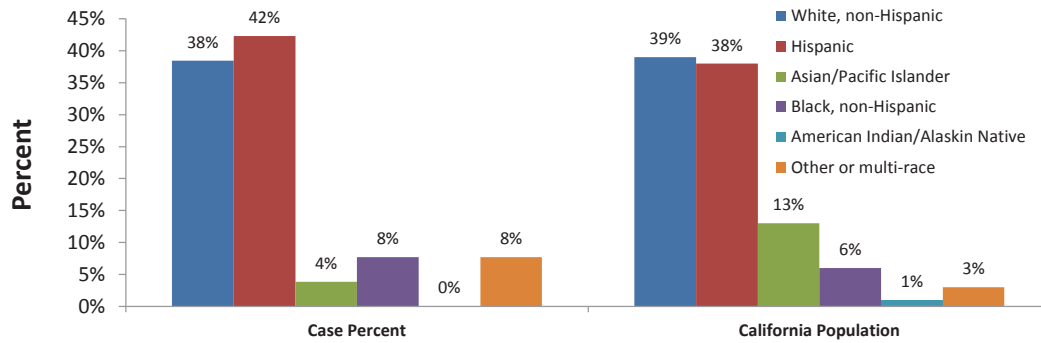
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	5	11	5	4	21
ASIAN/PACIFIC ISLANDER	0	0	0	0	1
BLACK, NOT HISPANIC	0	0	0	0	2
HISPANIC	1	4	4	0	2
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	1	3	1	3	2
OTHER OR MULTI-RACE	0	1	0	0	1
UNKNOWN	3	3	0	1	13

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Streptococcal Infection (cases in food and dairy workers) Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Streptococcal Infection (cases in food and dairy workers) Cases and Population by Race/Ethnicity, 2011–2015



43.5% of reported incidents of Streptococcal Infection (cases in food and dairy workers) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Toxic Shock Syndrome (Non-Streptococcal)

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	9	0.0*	6	0.0*	6	0.0*	3	0.0*	8	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	3	0.2*
ALAMEDA	0	-	0	-	0	-	0	-	3	0.2*
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	1	0.0*	1	0.0*	2	0.0*	0	-	1	0.0*
LOS ANGELES	1	0.0*	1	0.0*	2	0.0*	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	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-
MERCED	1	0.4*	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	-	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	1	0.0*	1	0.0*	2	0.1*	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	0	-	1	0.0*
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	2	0.1*	2	0.1*	2	0.1*	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	1	0.2*	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	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	1	0.2*	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Toxic Shock Syndrome (Non-Streptococcal)

Toxic Shock Syndrome (Non-Streptococcal), Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	9	6	6	3	8
JANUARY	1	0	0	0	1
FEBRUARY	0	0	1	0	2
MARCH	1	0	0	0	1
APRIL	2	0	1	0	1
MAY	0	1	2	0	0
JUNE	0	0	0	0	0
JULY	1	0	0	1	0
AUGUST	0	0	0	0	1
SEPTEMBER	0	2	1	2	0
OCTOBER	1	2	0	0	0
NOVEMBER	0	0	0	0	1
DECEMBER	3	1	1	0	1

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	9	0.0*	6	0.0*	6	0.0*	3	0.0*	8	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	1	0.0*	1	0.0*	0	-	0	-	1	0.0*
5-9	1	0.0*	0	-	0	-	0	-	0	-
10-14	2	0.1*	1	0.0*	2	0.1*	0	-	0	-
15-24	3	0.1*	3	0.1*	2	0.0*	2	0.0*	4	0.1*
25-34	1	0.0*	0	-	1	0.0*	0	-	1	0.0*
35-44	0	-	1	0.0*	0	-	1	0.0*	0	-
45-54	0	-	0	-	0	-	0	-	1	0.0*
55-64	1	0.0*	0	-	1	0.0*	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 population.

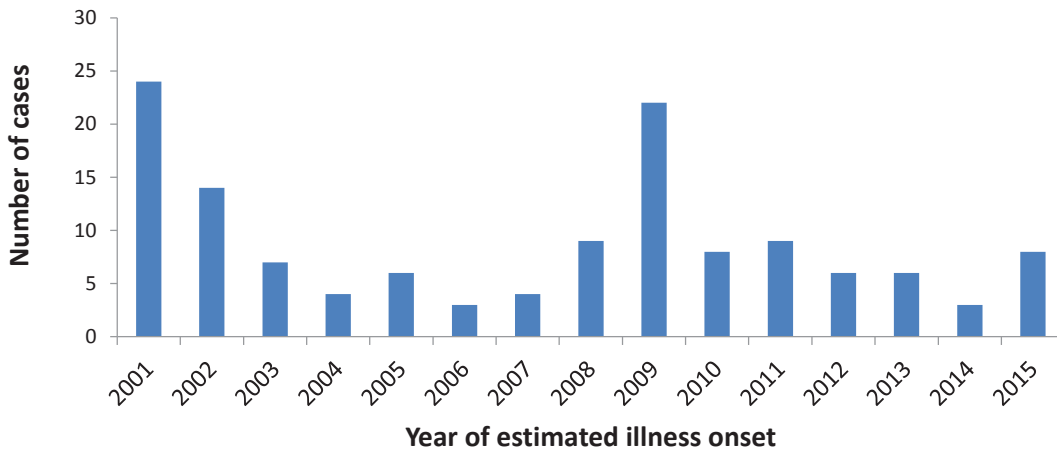
*Potentially unreliable rate, relative standard error 23 percent or more

Toxic Shock Syndrome (Non-Streptococcal), Cases by Race/Ethnicity, California, 2011–2015

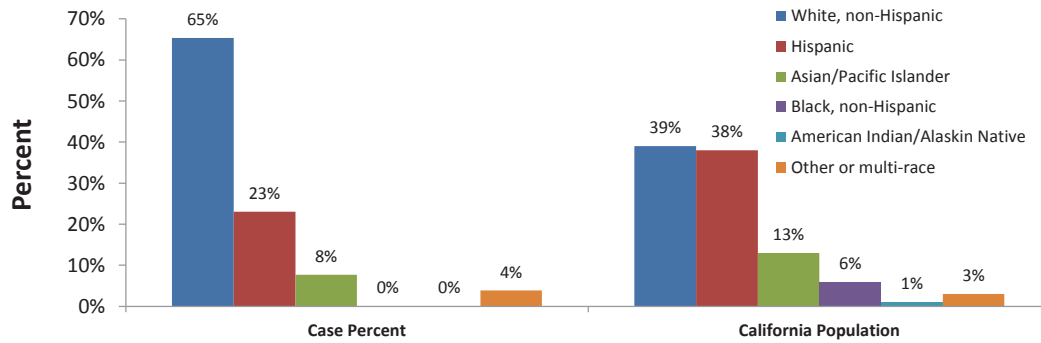
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	9	6	6	3	8
ASIAN/PACIFIC ISLANDER	1	0	0	1	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	2	1	1	1	1
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	5	5	4	1	2
OTHER OR MULTI-RACE	0	0	1	0	0
UNKNOWN	1	0	0	0	5

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Toxic Shock Syndrome (Non-Streptococcal) counts by year, 2001–2015



Toxic Shock Syndrome (Non-Streptococcal) Cases and Population by Race/Ethnicity, 2011–2015



18.8% of reported incidents of Toxic Shock Syndrome (Non-Streptococcal) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Trichinosis

Trichinosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	2	0.0*	3	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	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	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	-	1	0.0*	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	1	1.8*	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	1	0.0*	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
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	-	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	1	7.3*	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Trichinosis

Trichinosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	0	2	3	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	2	0
JUNE	0	0	0	0	0
JULY	0	0	0	0	0
AUGUST	0	0	0	0	0
SEPTEMBER	0	0	0	0	0
OCTOBER	1	0	0	1	0
NOVEMBER	0	0	2	0	0
DECEMBER	0	0	0	0	0

Trichinosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	2	0.0*	3	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	1	0.0*	0	-	0	-	1	0.0*	0	-
35-44	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	1	0.0*	1	0.0*	0	-
55-64	0	-	0	-	0	-	1	0.0*	0	-
65+	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

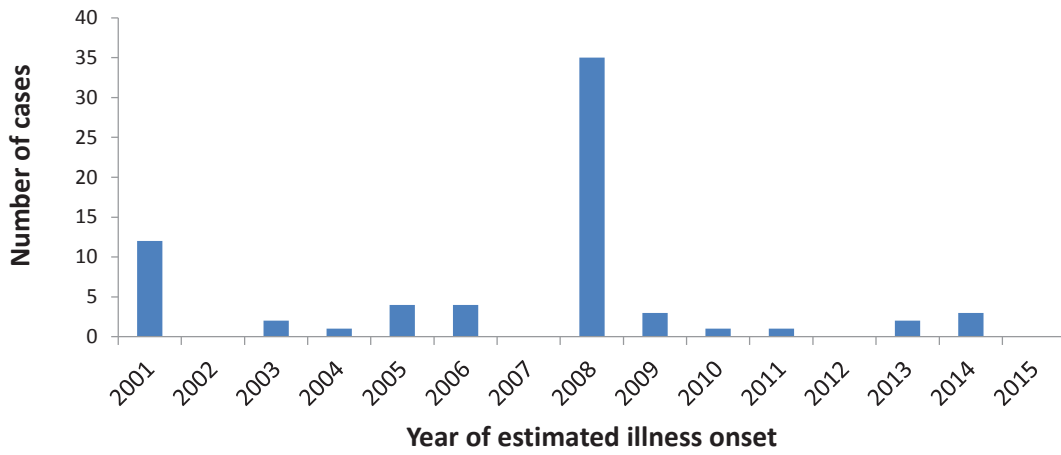
*Potentially unreliable rate, relative standard error 23 percent or more

Trichinosis, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	1	0	2	3	0
ASIAN/PACIFIC ISLANDER	0	0	0	1	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	0	0	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	1	0	0	1	0
OTHER OR MULTI-RACE	0	0	0	1	0
UNKNOWN	0	0	2	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Trichinosis counts by year, 2001–2015



Tularemia

Tularemia, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	6	0.0*	2	0.0*	2	0.0*	0	-	2	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-	0	-	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	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.5*
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	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	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	-	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	1	0.7*	0	-	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	2	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	1	0.6*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	1	2.2*	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	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	-	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 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Tularemia

Tularemia, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	6	2	2	0	2
JANUARY	0	0	0	0	0
FEBRUARY	1	0	1	0	0
MARCH	0	0	0	0	0
APRIL	0	0	0	0	0
MAY	1	0	0	0	0
JUNE	1	1	0	0	0
JULY	1	0	1	0	0
AUGUST	0	0	0	0	2
SEPTEMBER	0	0	0	0	0
OCTOBER	1	0	0	0	0
NOVEMBER	1	0	0	0	0
DECEMBER	0	1	0	0	0

Tularemia, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6	0.0*	2	0.0*	2	0.0*	0	-	2	0.0*
0	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	1	0.0*	0	-	1	0.0*	0	-	0	-
10-14	2	0.1*	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-
25-34	1	0.0*	1	0.0*	0	-	0	-	0	-
35-44	0	-	1	0.0*	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-
65+	2	0.0*	0	-	1	0.0*	0	-	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

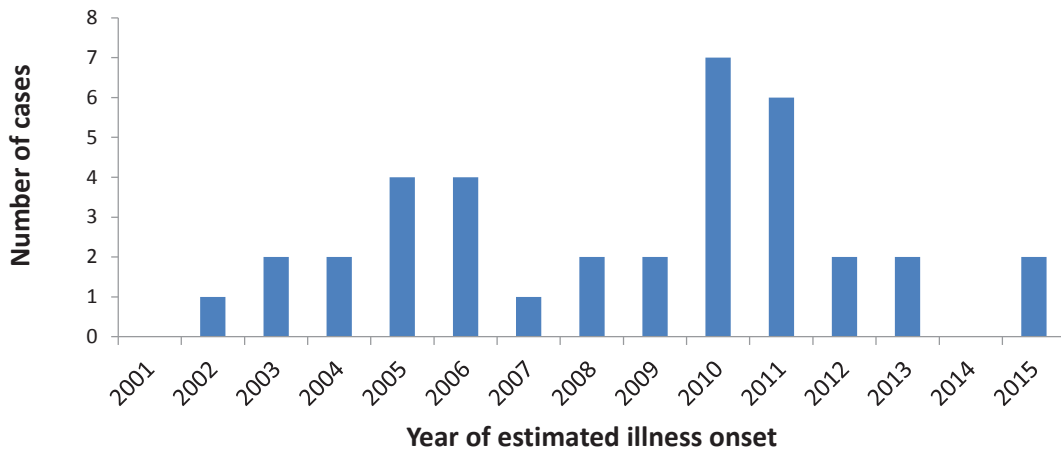
*Potentially unreliable rate, relative standard error 23 percent or more

Tularemia, Cases by Race/Ethnicity, California, 2011–2015

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	6	2	2	0	2
ASIAN/PACIFIC ISLANDER	2	0	0	0	0
BLACK, NOT HISPANIC	0	0	0	0	0
HISPANIC	1	1	0	0	0
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	3	1	2	0	2
OTHER OR MULTI-RACE	0	0	0	0	0
UNKNOWN		0	0	0	0

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Tularemia counts by year, 2001–2015



Typhoid Fever

Typhoid Fever, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	74	0.2	58	0.2	67	0.2	70	0.2	54	0.1
ALAMEDA COUNTY TOTAL	7	0.5*	8	0.5*	8	0.5*	11	0.7*	8	0.5*
ALAMEDA	6	0.4*	8	0.6*	7	0.5*	10	0.7*	7	0.5*
BERKELEY	1	0.9*	0	-	1	0.9*	1	0.9*	1	0.8*
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	5	0.5*	7	0.7*	5	0.5*	4	0.4*	2	0.2*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-
FRESNO	3	0.3*	0	-	1	0.1*	0	-	1	0.1*
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	1	0.1*	0	-	3	0.3*	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	17	0.2*	6	0.1*	17	0.2*	18	0.2*	12	0.1*
LOS ANGELES	16	0.2*	6	0.1*	17	0.2*	15	0.2*	12	0.1*
LONG BEACH	1	0.2*	0	-	0	-	3	0.6*	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	1	1.1*	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	1	1.0*	0	-	0	-
ORANGE	4	0.1*	7	0.2*	3	0.1*	3	0.1*	2	0.1*
PLACER	0	-	1	0.3*	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-	0	-	1	0.0*
SACRAMENTO	5	0.3*	1	0.1*	7	0.5*	2	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	1	0.0*	2	0.1*	1	0.0*
SAN DIEGO	4	0.1*	4	0.1*	3	0.1*	3	0.1*	5	0.2*
SAN FRANCISCO	3	0.4*	1	0.1*	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	2	0.3*	2	0.3*	1	0.1*	1	0.1*	0	-
SANTA BARBARA	0	-	0	-	0	-	1	0.2*	2	0.5*
SANTA CLARA	15	0.8*	15	0.8*	15	0.8*	17	0.9*	15	0.8*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-	2	0.5*	0	-
SONOMA	1	0.2*	1	0.2*	0	-	0	-	0	-
STANISLAUS	2	0.4*	0	-	0	-	0	-	0	-
SUTTER	1	1.1*	0	-	0	-	3	3.1*	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	1	0.1*	0	-	0	-
YOLO	0	-	1	0.5*	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Typhoid Fever

Typhoid Fever, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	74	58	67	70	54
JANUARY	9	7	6	7	5
FEBRUARY	8	5	3	5	7
MARCH	5	2	9	6	1
APRIL	12	5	6	3	4
MAY	6	5	6	9	6
JUNE	5	5	10	3	3
JULY	4	4	7	16	5
AUGUST	8	3	7	9	9
SEPTEMBER	7	6	4	5	1
OCTOBER	1	3	3	4	4
NOVEMBER	6	5	5	1	2
DECEMBER	3	8	1	2	7

Typhoid Fever, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	74	0.2	58	0.2	67	0.2	70	0.2	54	0.1
0	1	0.2*	1	0.2*	1	0.2*	0	-	0	-
1-4	7	0.3*	3	0.1*	10	0.5*	7	0.4*	5	0.2*
5-9	9	0.4*	4	0.2*	5	0.2*	14	0.6*	6	0.2*
10-14	9	0.4*	4	0.2*	6	0.2*	4	0.2*	5	0.2*
15-24	9	0.2*	9	0.2*	9	0.2*	9	0.2*	8	0.1*
25-34	17	0.3*	13	0.2*	16	0.3*	18	0.3*	16	0.3*
35-44	7	0.1*	14	0.3*	7	0.1*	6	0.1*	6	0.1*
45-54	8	0.2*	4	0.1*	6	0.1*	5	0.1*	5	0.1*
55-64	5	0.1*	3	0.1*	4	0.1*	3	0.1*	1	0.0*
65+	2	0.0*	2	0.0*	3	0.1*	4	0.1*	1	0.0*
UNKNOWN	0	-	1	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 population.

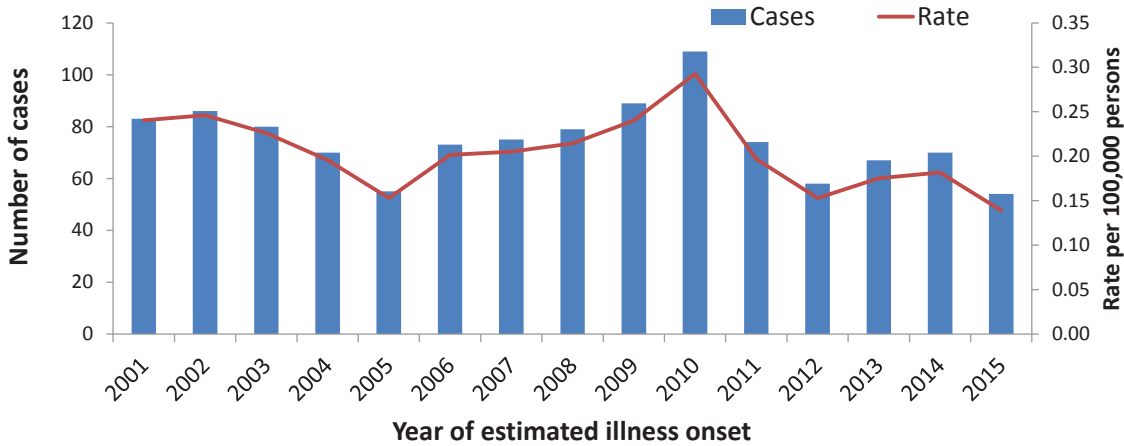
*Potentially unreliable rate, relative standard error 23 percent or more

Typhoid Fever, Cases by Race/Ethnicity, California, 2011–2015

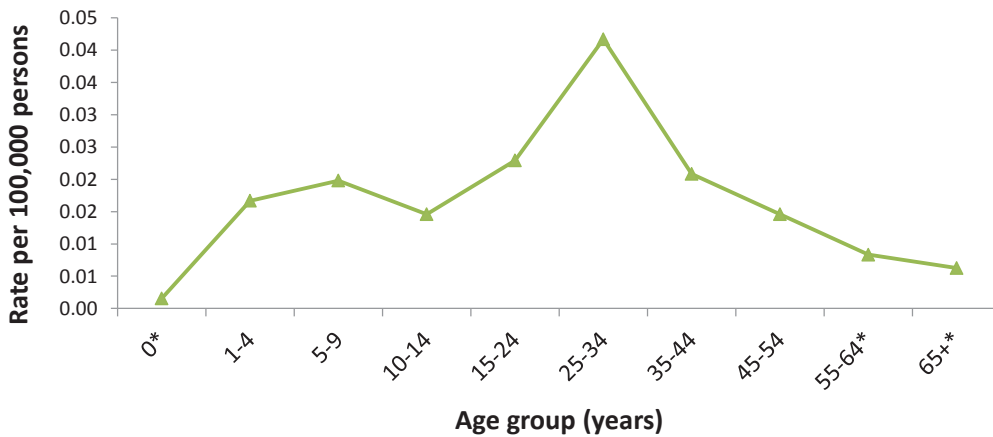
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	74	58	67	70	54
ASIAN/PACIFIC ISLANDER	44	46	51	47	39
BLACK, NOT HISPANIC	2	1	1	0	0
HISPANIC	11	7	7	10	7
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	0
WHITE, NOT HISPANIC	0	3	2	3	2
OTHER OR MULTI-RACE	3	0	1	6	3
UNKNOWN	14	1	5	4	3

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Typhoid Fever Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

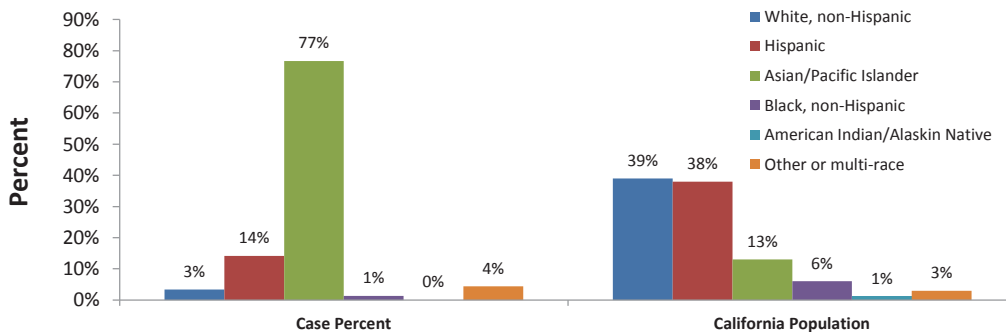


Typhoid Fever Incidence Rates by Age Group, 2011–2015



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

Typhoid Fever Cases and Population by Race/Ethnicity, 2011–2015



8.4% of reported incidents of Typhoid Fever did not identify race/ethnicity. 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, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	50	0.1	77	0.2	108	0.3	67	0.2	78	0.2
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	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	0	-	0	-	1	0.1*	1	0.1*	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	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	38	0.4	48	0.5	72	0.7	49	0.5	61	0.6
LOS ANGELES	34	0.4	46	0.5	63	0.7	40	0.4	51	0.5
LONG BEACH	1	0.2*	2	0.4*	6	1.3*	5	1.0*	5	1.0*
PASADENA	3	2.2*	0	-	3	2.2*	4	2.9*	5	3.6*
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	12	0.4*	28	0.9	33	1.1	16	0.5*	15	0.5*
PLACER	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*
SAN FRANCISCO	0	-	0	-	1	0.1*	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-	0	-	0	-
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	-	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	-	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Typhus Fever

Typhus Fever, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	50	77	108	67	78
JANUARY	3	5	7	3	6
FEBRUARY	0	1	3	4	2
MARCH	2	0	0	5	4
APRIL	0	2	0	5	5
MAY	0	15	10	8	8
JUNE	3	9	13	5	16
JULY	7	10	13	5	11
AUGUST	7	9	18	12	10
SEPTEMBER	4	14	13	6	4
OCTOBER	9	5	16	5	7
NOVEMBER	10	5	9	4	4
DECEMBER	5	2	6	5	1

Typhus Fever, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	50	0.1	77	0.2	108	0.3	67	0.2	78	0.2
0	0	-	0	-	1	0.2*	0	-	0	-
1-4	0	-	0	-	2	0.1*	1	0.1*	1	0.0*
5-9	2	0.1*	5	0.2*	0	-	1	0.0*	1	0.0*
10-14	1	0.0*	5	0.2*	5	0.2*	1	0.0*	3	0.1*
15-24	5	0.1*	9	0.2*	12	0.2*	11	0.2*	5	0.1*
25-34	8	0.1*	10	0.2*	12	0.2*	6	0.1*	9	0.2*
35-44	7	0.1*	20	0.4	17	0.3*	12	0.2*	18	0.3*
45-54	12	0.2*	15	0.3*	23	0.4	13	0.2*	19	0.4
55-64	10	0.2*	5	0.1*	23	0.5	10	0.2*	13	0.3*
65+	5	0.1*	8	0.2*	13	0.3*	12	0.2*	6	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	3	-

Rates are expressed as cases per 100,000 population.

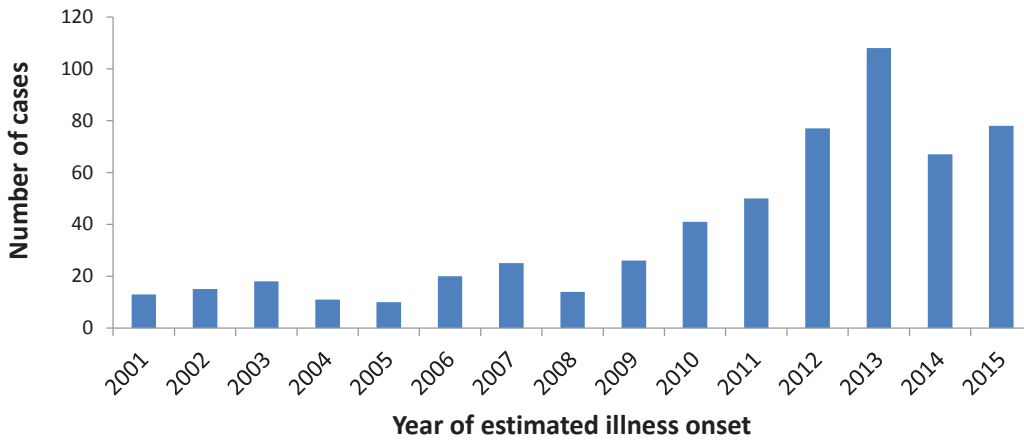
*Potentially unreliable rate, relative standard error 23 percent or more

Typhus Fever, Cases by Race/Ethnicity, California, 2011–2015

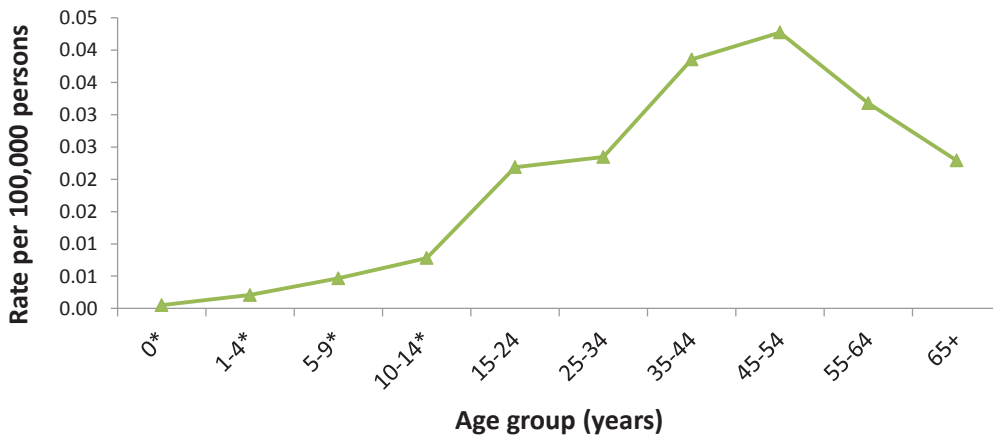
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	50	77	108	67	78
ASIAN/PACIFIC ISLANDER	2	2	6	7	3
BLACK, NOT HISPANIC	2	2	4	1	5
HISPANIC	11	19	27	23	24
AMERICAN INDIAN/ALASKAN NATIVE	0	2	0	0	0
WHITE, NOT HISPANIC	31	38	58	22	36
OTHER OR MULTI-RACE	0	1	1	1	3
UNKNOWN	4	13	12	13	7

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Typhus Fever counts by year, 2001–2015

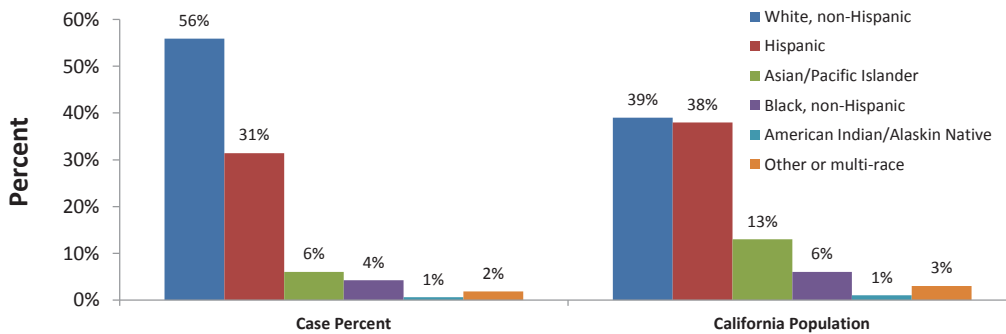


Typhus Fever Incidence Rates by Age Group, 2011–2015



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

Typhus Fever Cases and Population by Race/Ethnicity, 2011–2015



12.9% of reported incidents of Typhus Fever did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	106	0.3	184	0.5	153	0.4	272	0.7	243	0.6
ALAMEDA COUNTY TOTAL	2	0.1*	8	0.5*	13	0.8*	16	1.0*	5	0.3*
ALAMEDA	2	0.1*	7	0.5*	12	0.8*	12	0.8*	5	0.3*
BERKELEY	0	-	1	0.9*	1	0.9*	4	3.4*	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	-	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	10	0.9*	5	0.5*	11	1.0*	13	1.2*	5	0.5*
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	1	0.5*	1	0.5*
FRESNO	1	0.1*	1	0.1*	0	-	3	0.3*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	2	1.5*	0	-	1	0.7*
IMPERIAL	4	2.3*	0	-	0	-	0	-	1	0.5*
INYO	0	-	0	-	0	-	0	-	0	-
KERN	0	-	2	0.2*	0	-	3	0.3*	4	0.4*
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	2.9*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	21	0.2	30	0.3	29	0.3	52	0.5	47	0.5
LOS ANGELES	20	0.2	29	0.3	26	0.3	52	0.5	45	0.5
LONG BEACH	1	0.2*	1	0.2*	1	0.2*	0	-	2	0.4*
PASADENA	0	-	0	-	2	1.4*	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.6*
MARIN	2	0.8*	1	0.4*	6	2.3*	10	3.9*	10	3.9*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	6.9*	1	7.0*	0	-	1	6.9*
MONTEREY	3	0.7*	4	0.9*	1	0.2*	1	0.2*	1	0.2*
NAPA	0	-	1	0.7*	2	1.4*	3	2.1*	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-
ORANGE	14	0.5*	14	0.5*	16	0.5*	22	0.7	28	0.9
PLACER	1	0.3*	0	-	2	0.5*	2	0.5*	2	0.5*
PLUMAS	0	-	0	-	0	-	0	-	1	5.2*
RIVERSIDE	2	0.1*	5	0.2*	6	0.3*	11	0.5*	11	0.5*
SACRAMENTO	5	0.3*	5	0.3*	5	0.3*	5	0.3*	4	0.3*
SAN BENITO	0	-	0	-	0	-	1	1.7*	0	-
SAN BERNARDINO	2	0.1*	0	-	3	0.1*	7	0.3*	6	0.3*
SAN DIEGO	14	0.4*	40	1.3	14	0.4*	35	1.1	46	1.4
SAN FRANCISCO	7	0.9*	14	1.7*	15	1.8*	17	2.0*	19	2.2
SAN JOAQUIN	2	0.3*	6	0.9*	2	0.3*	4	0.6*	4	0.6*
SAN LUIS OBISPO	3	1.1*	4	1.5*	3	1.1*	1	0.4*	4	1.5*
SAN MATEO	1	0.1*	8	1.1*	4	0.5*	13	1.7*	4	0.5*
SANTA BARBARA	1	0.2*	4	0.9*	3	0.7*	2	0.5*	7	1.6*
SANTA CLARA	5	0.3*	14	0.8*	6	0.3*	18	1.0*	8	0.4*
SANTA CRUZ	2	0.8*	2	0.7*	0	-	4	1.5*	4	1.5*
SHASTA	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-
SOLANO	2	0.5*	1	0.2*	1	0.2*	1	0.2*	2	0.5*
SONOMA	0	-	2	0.4*	3	0.6*	5	1.0*	5	1.0*
STANISLAUS	0	-	4	0.8*	1	0.2*	5	0.9*	1	0.2*
SUTTER	0	-	0	-	0	-	3	3.1*	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	1	0.2*	0	-
TUOLUMNE	1	1.8*	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	5	0.6*	2	0.2*	8	0.9*	8	0.9*
YOLO	0	-	1	0.5*	2	1.0*	2	1.0*	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Vibrio Infection (non-Cholera)**Vibrio Infection (non-Cholera), Cases by Month of Estimated Illness Onset, California, 2011–2015**

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	106	184	153	272	243
JANUARY	1	1	5	2	11
FEBRUARY	0	1	1	4	17
MARCH	0	5	1	6	15
APRIL	5	8	3	4	9
MAY	5	5	7	9	12
JUNE	12	9	14	14	29
JULY	14	32	47	38	39
AUGUST	29	44	38	96	42
SEPTEMBER	24	35	24	47	27
OCTOBER	10	22	10	30	22
NOVEMBER	4	16	3	9	8
DECEMBER	2	6	0	13	12

Vibrio Infection (non-Cholera), Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	106	0.3	184	0.5	153	0.4	272	0.7	243	0.6
0	0	-	1	0.2*	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-
5-9	2	0.1*	5	0.2*	0	-	3	0.1*	5	0.2*
10-14	4	0.2*	8	0.3*	8	0.3*	4	0.2*	7	0.3*
15-24	8	0.1*	15	0.3*	9	0.2*	18	0.3*	25	0.5
25-34	23	0.4	34	0.6	29	0.5	55	1.0	53	1.0
35-44	17	0.3*	33	0.6	33	0.6	64	1.2	39	0.8
45-54	23	0.4	36	0.7	26	0.5	51	1.0	38	0.7
55-64	15	0.4*	27	0.6	21	0.5	40	0.9	30	0.6
65+	14	0.3*	24	0.5	26	0.5	35	0.7	44	0.8
UNKNOWN	0	-	1	-	1	-	2	-	2	-

Rates are expressed as cases per 100,000 population.

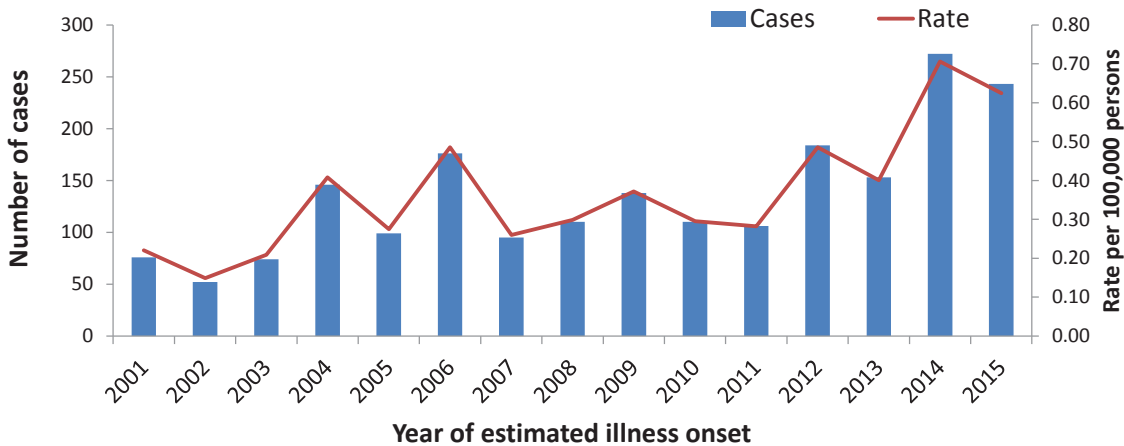
*Potentially unreliable rate, relative standard error 23 percent or more

Vibrio Infection (non-Cholera), Cases by Race/Ethnicity, California, 2011–2015

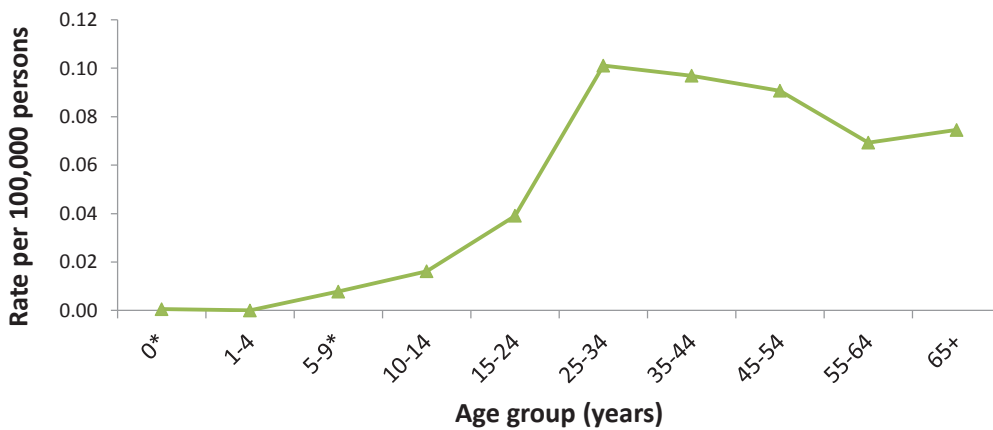
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	106	184	153	272	243
ASIAN/PACIFIC ISLANDER	6	18	14	10	11
BLACK, NOT HISPANIC	1	3	3	8	9
HISPANIC	32	41	26	58	59
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	1	0
WHITE, NOT HISPANIC	57	96	83	121	119
OTHER OR MULTI-RACE	1	1	1	5	8
UNKNOWN	9	25	26	69	37

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Vibrio Infection (non-Cholera) Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015

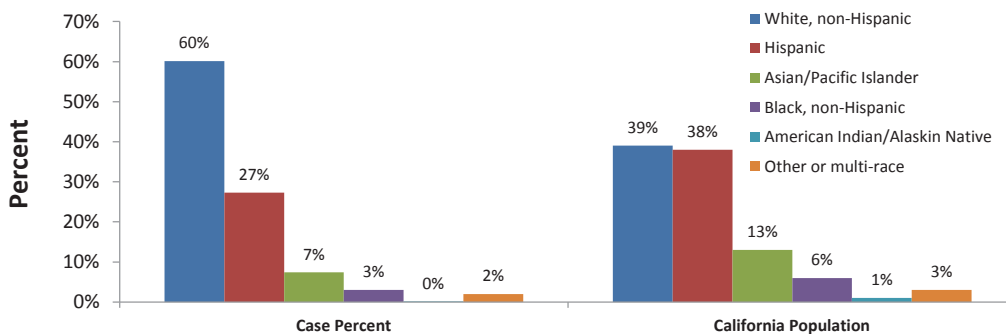


Vibrio Infection (non-Cholera) Incidence Rates by Age Group, 2011-2015



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

Vibrio Infection (non-Cholera) Cases and Population by Race/Ethnicity, 2011–2015



17.3% of reported incidents of Vibrio Infection (non-Cholera) did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.

Yersiniosis

Yersiniosis, Cases and Rates by Health Jurisdiction, California, 2011–2015

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	67	0.2	84	0.2	78	0.2	71	0.2	122	0.3
ALAMEDA COUNTY TOTAL	5	0.3*	3	0.2*	8	0.5*	6	0.4*	7	0.4*
ALAMEDA	4	0.3*	3	0.2*	8	0.6*	6	0.4*	7	0.5*
BERKELEY	1	0.9*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	2	0.9*	0	-	2	0.9*	1	0.4*
CALAVERAS	0	-	1	2.2*	0	-	0	-	1	2.2*
COLUSA	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	2	0.2*	3	0.3*	2	0.2*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	0	-	0	-	0	-
FRESNO	0	-	3	0.3*	0	-	2	0.2*	7	0.7*
GLENN	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	2	1.1*	1	0.5*	0	-
INYO	0	-	0	-	0	-	0	-	0	-
KERN	3	0.4*	1	0.1*	0	-	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	15	0.2*	15	0.2*	6	0.1*	7	0.1*	17	0.2*
LOS ANGELES	15	0.2*	14	0.1*	5	0.1*	3	0.0*	16	0.2*
LONG BEACH	0	-	1	0.2*	0	-	3	0.6*	1	0.2*
PASADENA	0	-	0	-	1	0.7*	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	1	0.4*	1	0.4*	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	1	1.1*
MERCED	2	0.8*	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-	1	0.7*	0	-
NEVADA	1	1.0*	0	-	0	-	0	-	0	-
ORANGE	13	0.4*	20	0.7	9	0.3*	3	0.1*	13	0.4*
PLACER	1	0.3*	0	-	1	0.3*	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	9	0.4*	7	0.3*	3	0.1*	7	0.3*
SACRAMENTO	1	0.1*	5	0.3*	2	0.1*	1	0.1*	6	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	2	0.1*	3	0.1*	1	0.0*
SAN DIEGO	10	0.3*	4	0.1*	7	0.2*	12	0.4*	12	0.4*
SAN FRANCISCO	0	-	0	-	4	0.5*	4	0.5*	6	0.7*
SAN JOAQUIN	1	0.1*	6	0.9*	8	1.1*	2	0.3*	2	0.3*
SAN LUIS OBISPO	7	2.6*	3	1.1*	1	0.4*	1	0.4*	2	0.7*
SAN MATEO	1	0.1*	1	0.1*	3	0.4*	4	0.5*	6	0.8*
SANTA BARBARA	0	-	0	-	2	0.5*	0	-	5	1.1*
SANTA CLARA	0	-	1	0.1*	6	0.3*	4	0.2*	4	0.2*
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	0	-
SHASTA	0	-	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	2	4.4*	0	-
SOLANO	0	-	0	-	0	-	0	-	2	0.5*
SONOMA	2	0.4*	1	0.2*	1	0.2*	0	-	0	-
STANISLAUS	1	0.2*	1	0.2*	2	0.4*	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	2	2.0*
TEHAMA	0	-	0	-	0	-	0	-	2	3.1*
TRINITY	0	-	0	-	0	-	0	-	0	-
TULARE	2	0.4*	1	0.2*	1	0.2*	1	0.2*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	1	1.8*
VENTURA	0	-	3	0.4*	1	0.1*	5	0.6*	11	1.3*
YOLO	0	-	0	-	1	0.5*	2	1.0*	0	-
YUBA	0	-	0	-	0	-	0	-	1	1.3*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

Yersiniosis

Yersiniosis, Cases by Month of Estimated Illness Onset, California, 2011–2015

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	67	84	78	71	122
JANUARY	5	9	13	4	9
FEBRUARY	5	8	7	5	5
MARCH	1	8	4	9	8
APRIL	9	6	9	7	13
MAY	8	11	5	7	8
JUNE	3	5	4	6	10
JULY	6	9	3	3	10
AUGUST	4	7	6	5	8
SEPTEMBER	6	6	6	7	10
OCTOBER	8	4	8	4	14
NOVEMBER	6	7	8	8	10
DECEMBER	6	4	5	6	17

Yersiniosis, Cases and Rates by Age Group, California, 2011–2015

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2011		2012		2013		2014		2015	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	67	0.2	84	0.2	78	0.2	71	0.2	122	0.3
0	9	1.8*	3	0.6*	7	1.4*	7	1.4*	6	1.2*
1-4	3	0.1*	12	0.6*	8	0.4*	9	0.5*	10	0.5*
5-9	9	0.4*	7	0.3*	3	0.1*	4	0.2*	9	0.4*
10-14	6	0.2*	4	0.2*	7	0.3*	2	0.1*	3	0.1*
15-24	5	0.1*	10	0.2*	9	0.2*	4	0.1*	8	0.1*
25-34	1	0.0*	5	0.1*	1	0.0*	9	0.2*	10	0.2*
35-44	2	0.0*	5	0.1*	9	0.2*	6	0.1*	7	0.1*
45-54	7	0.1*	9	0.2*	11	0.2*	7	0.1*	20	0.4
55-64	7	0.2*	10	0.2*	9	0.2*	8	0.2*	22	0.5
65+	18	0.4*	18	0.4*	14	0.3*	15	0.3*	27	0.5
UNKNOWN	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

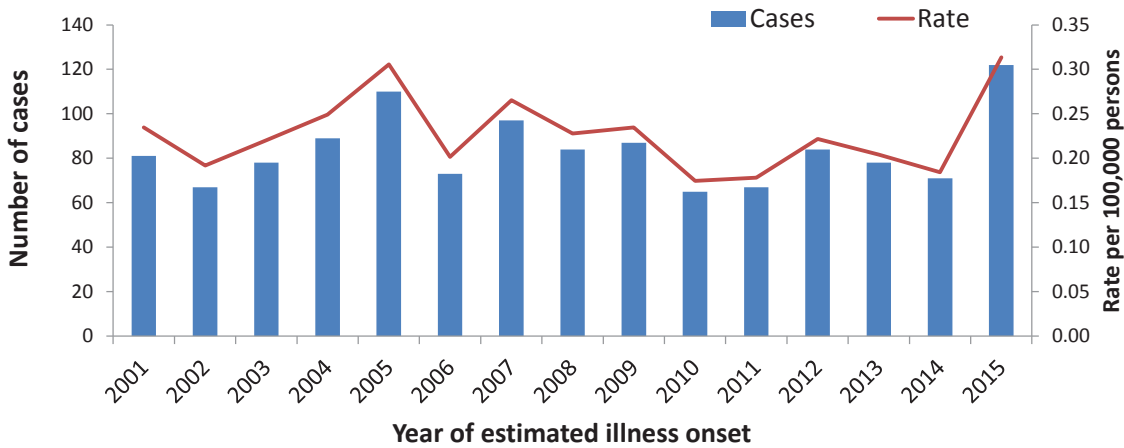
*Potentially unreliable rate, relative standard error 23 percent or more

Yersiniosis, Cases by Race/Ethnicity, California, 2011–2015

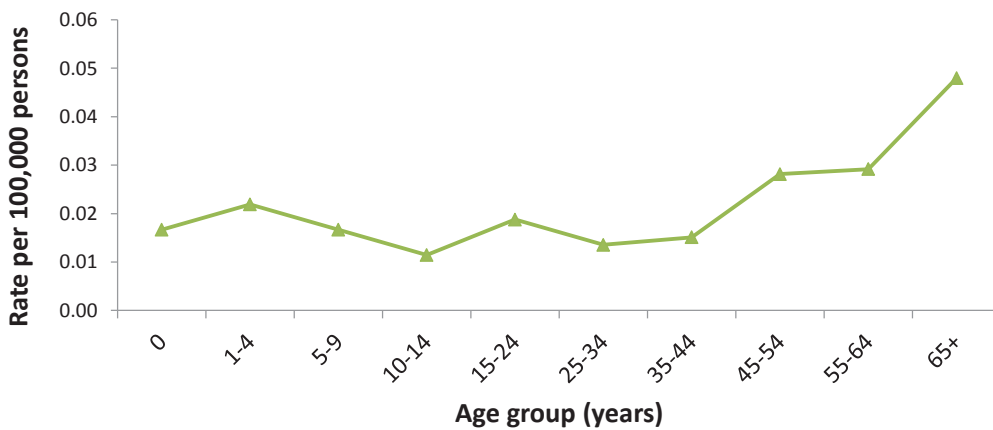
RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET				
	2011	2012	2013	2014	2015
TOTAL	67	84	78	71	122
ASIAN/PACIFIC ISLANDER	6	8	9	9	12
BLACK, NOT HISPANIC	2	2	5	2	3
HISPANIC	16	19	15	14	17
AMERICAN INDIAN/ALASKAN NATIVE	0	0	0	0	1
WHITE, NOT HISPANIC	22	27	21	19	55
OTHER OR MULTI-RACE	2	1	0	2	1
UNKNOWN	19	27	28	25	33

**For resolution and process status inclusion criteria, please refer to Technical Notes (pages 4-6)

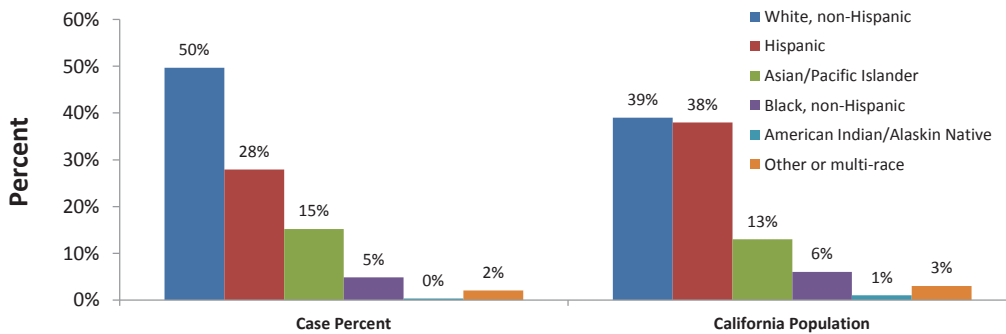
Yersiniosis Counts and Incidence Rates by Year of Estimated Illness Onset, 2001–2015



Yersiniosis Incidence Rates by Age Group, 2011–2015



Yersiniosis Cases and Population by Race/Ethnicity, 2011–2015



31.3% of reported incidents of Yersiniosis did not identify race/ethnicity. Information presented with a large percentage of missing data should be interpreted with caution.



Report published on the [Surveillance and Statistics Section website](#) August 2016

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