

**YEARLY SUMMARIES OF SELECTED GENERAL  
COMMUNICABLE DISEASES IN CALIFORNIA, 2001-2010**

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CALIFORNIA DEPARTMENT OF PUBLIC HEALTH**



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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, Lisa Butler, Sebastian Luis Chavez, Romana Teodora Dumitras, Kirsten Knutson, MPH, Colleen McLellan, Alyssa Nguyen, 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, 2001 - 2010: Technical Notes

### Background

The California Department of Public Health (CDPH) maintains a mandatory, passive reporting system for a list<sup>1</sup> 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 2001-2010 Yearly Summary Reports of Selected General Communicable Diseases in California, we extracted data on communicable disease cases with an estimated illness onset date from 2001 through 2010 from California Confidential Morbidity Reports that were submitted to CDPH by April 21, 2015 and which met the surveillance case definitions<sup>2</sup>. 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follow-up clinical, laboratory and epidemiologic investigation, cases with eligible illness onset dates may be added or rescinded after the date of this report.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. 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.

#### *Population data source*

For the 2001-2010 Summaries, we used State of California, Department of Finance (DOF) projections data<sup>(3-5)</sup>. Populations for the cities of Alameda, Berkeley, Long Beach, Los Angeles, and Pasadena are based on Division of Communicable Disease Control (DCDC) calculations using DOF data.

#### *Definitions*

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/ $\sqrt{\text{number of}}$

cases

- Relative standard error =  $SE/IR \times 100$

### *Data analyses*

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

A substantial portion of race/ethnicity data were missing, thus rates associated with diseases with a high percentage of missing data should be interpreted with caution.

### **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 2001-2010, 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.

### *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, M.D., M.P.H. for his valuable comments.

### **References**

- <sup>1</sup> [California Code of Regulations, Title 17, Sections 2500 and 2505](http://archive.cdph.ca.gov/HealthInfo/Documents/R_eportable_Diseases_Conditions.pdf)  
[http://archive.cdph.ca.gov/HealthInfo/Documents/R\\_eportable\\_Diseases\\_Conditions.pdf](http://archive.cdph.ca.gov/HealthInfo/Documents/R_eportable_Diseases_Conditions.pdf)
- <sup>2</sup> [Centers for Disease Control and Prevention, National Notifiable Diseases Surveillance System](http://wwwn.cdc.gov/NNDSS/script/CasedefDefault.aspx)  
<http://wwwn.cdc.gov/NNDSS/script/CasedefDefault.aspx>
- <sup>3</sup> State of California, Department of Finance, Race/Hispanic Population with Age and Gender Detail, 2000–2010. Sacramento, CA,

September 2012.

<sup>4</sup>State of California, Department of Finance, P-3 State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010 – 2060. Sacramento, California, January 2013

<sup>5</sup>State of California, Department of Finance, E-4 Population Estimates for Cities, Counties and the State, 2000 – 2010, with 2000 & 2010 Census Counts. Sacramento, California, November 2012

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**Amebiasis**

**Amebiasis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	571	1.7	442	1.3	403	1.1	359	1.0	365	1.0	377	1.0	433	1.2	436	1.2	398	1.1	406	1.1
ALAMEDA COUNTY TOTAL	16	1.1*	9	0.6*	7	0.5*	7	0.5*	9	0.6*	6	0.4*	9	0.6*	9	0.6*	15	1.0*	24	1.6
ALAMEDA	15	1.1*	8	0.6*	3	0.2*	7	0.5*	7	0.5*	3	0.2*	8	0.6*	7	0.5*	13	0.9*	22	1.6
BERKELEY	1	1.0*	1	1.0*	4	3.8*	0	-	2	1.9*	3	2.8*	1	0.9*	2	1.8*	2	1.8*	2	1.8*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	2	1.0*	0	-	0	-	2	0.9*	5	2.3*	2	0.9*	3	1.4*	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	4.4*	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	5	0.5*	4	0.4*	8	0.8*	7	0.7*	1	0.1*	7	0.7*	5	0.5*	6	0.6*	11	1.0*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-
FRESNO	6	0.7*	10	1.2*	6	0.7*	2	0.2*	1	0.1*	0	-	2	0.2*	2	0.2*	0	-	0	-
GLENN	3	11.3*	1	3.7*	1	3.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	2	1.6*	0	-	0	-	0	-	0	-	3	2.3*	2	1.5*	0	-	1	0.7*	1	0.7*
IMPERIAL	0	-	1	0.7*	0	-	1	0.6*	0	-	0	-	1	0.6*	0	-	0	-	1	0.6*
INYO	1	5.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	4	0.6*	2	0.3*	2	0.3*	2	0.3*	1	0.1*	1	0.1*	1	0.1*	2	0.2*	2	0.2*	1	0.1*
KINGS	0	-	2	1.5*	2	1.4*	0	-	1	0.7*	1	0.7*	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	148	1.5	119	1.2	135	1.4	124	1.3	124	1.3	114	1.2	137	1.4	119	1.2	121	1.2	130	1.3
LOS ANGELES	143	1.6	105	1.2	119	1.3	116	1.3	116	1.3	103	1.1	125	1.4	115	1.3	116	1.3	125	1.4
LONG BEACH	5	1.1*	13	2.8*	16	3.4*	6	1.3*	7	1.5*	6	1.3*	11	2.4*	3	0.6*	4	0.9*	5	1.1*
PASADENA	0	-	1	0.7*	0	-	2	1.5*	1	0.7*	5	3.7*	1	0.7*	1	0.7*	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MARIN	14	5.7*	7	2.8*	9	3.6*	6	2.4*	13	5.3*	15	6.1*	7	2.8*	2	0.8*	3	1.2*	4	1.6*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.4*	0	-	0	-
MENDOCINO	0	-	2	2.3*	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-
MERCED	0	-	1	0.4*	0	-	6	2.5*	4	1.7*	1	0.4*	1	0.4*	5	2.0*	1	0.4*	0	-
MODOC	1	10.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	6	43.7*	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	6	1.5*	3	0.7*	7	1.7*	2	0.5*	6	1.5*	4	1.0*	1	0.2*	2	0.5*	2	0.5*	0	-
NAPA	6	4.8*	1	0.8*	3	2.3*	0	-	0	-	2	1.5*	1	0.8*	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	1	1.0*	0	-	2	2.0*	1	1.0*	1	1.0*
ORANGE	23	0.8	16	0.5*	12	0.4*	17	0.6*	9	0.3*	13	0.4*	19	0.6	11	0.4*	19	0.6	16	0.5*
PLACER	2	0.8*	1	0.4*	0	-	2	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	1	4.8*	0	-	0	-	1	4.8*	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.1*	3	0.2*	4	0.2*	3	0.2*	3	0.2*	11	0.5*	10	0.5*	4	0.2*	3	0.1*	4	0.2*
SACRAMENTO	8	0.6*	5	0.4*	12	0.9*	8	0.6*	2	0.1*	1	0.1*	3	0.2*	0	-	3	0.2*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	6	0.3*	5	0.3*	12	0.6*	2	0.1*	2	0.1*	3	0.2*	8	0.4*	6	0.3*	3	0.1*	3	0.1*
SAN DIEGO	32	1.1	22	0.8	12	0.4*	15	0.5*	12	0.4*	21	0.7	71	2.4	95	3.1	79	2.6	69	2.2
SAN FRANCISCO	162	20.7	141	18.0	98	12.5	92	11.8	119	15.3	116	14.8	93	11.8	120	15.0	94	11.7	106	13.1
SAN JOAQUIN	1	0.2*	1	0.2*	3	0.5*	1	0.2*	3	0.5*	7	1.1*	8	1.2*	6	0.9*	6	0.9*	8	1.2*
SAN LUIS OBISPO	2	0.8*	0	-	2	0.8*	0	-	1	0.4*	1	0.4*	0	-	1	0.4*	0	-	0	-
SAN MATEO	14	2.0*	22	3.1	17	2.4*	1	0.1*	9	1.3*	7	1.0*	7	1.0*	6	0.8*	5	0.7*	7	1.0*
SANTA BARBARA	23	5.7	5	1.2*	2	0.5*	15	3.6*	3	0.7*	4	1.0*	4	1.0*	6	1.4*	4	0.9*	2	0.5*
SANTA CLARA	45	2.7	32	1.9	33	1.9	26	1.5	15	0.9*	21	1.2	16	0.9*	21	1.2	10	0.6*	11	0.6*
SANTA CRUZ	8	3.1*	8	3.1*	2	0.8*	1	0.4*	1	0.4*	2	0.8*	2	0.8*	0	-	0	-	0	-
SHASTA	1	0.6*	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	2	0.5*	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*
SONOMA	4	0.9*	1	0.2*	3	0.6*	2	0.4*	3	0.6*	5	1.1*	3	0.6*	3	0.6*	1	0.2*	0	-
STANISLAUS	5	1.1*	5	1.1*	1	0.2*	1	0.2*	2	0.4*	0	-	0	-	0	-	8	1.6*	0	-
SUTTER	3	3.7*	2	2.4*	7	8.3*	2	2.3*	0	-	1	1.1*	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	1	1.7*	2	3.4*	0	-	0	-	0	-	1	1.6*	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	1	7.3*	0	-	0	-	0	-
TULARE	2	0.5*	0	-	0	-	0	-	1	0.2*	4	1.0*	4	0.9*	2	0.5*	5	1.1*	2	0.5*
TUOLUMNE	0	-	0	-	0	-	0	-	2	3.5*	0	-	0	-	0	-	0	-	0	-
VENTURA	5	0.7*	7	0.9*	4	0.5*	0	-	5	0.6*	6	0.7*	7	0.9*	3	0.4*	4	0.5*	1	0.1*
YOLO	4	2.3*	2	1.1*	2	1.1*	0	-	0	-	2	1.0*	3	1.5*	0	-	1	0.5*	0	-
YUBA	2	3.3*	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	2.8*

Rates are expressed as cases per 100,000 population.

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



## Amebiasis

### Amebiasis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	571	442	403	359	365	377	433	436	398	406
JANUARY	52	37	25	16	32	35	28	49	32	38
FEBRUARY	41	37	36	26	19	25	39	23	31	31
MARCH	54	40	30	33	32	33	39	40	33	43
APRIL	43	39	30	37	31	25	36	42	42	26
MAY	47	39	45	19	30	21	31	35	34	33
JUNE	57	32	27	35	40	39	33	28	27	40
JULY	43	31	37	33	24	23	35	33	36	27
AUGUST	47	53	54	39	37	36	48	35	33	34
SEPTEMBER	59	42	44	32	28	43	42	24	23	40
OCTOBER	47	31	33	20	36	23	43	39	33	38
NOVEMBER	47	34	28	36	25	28	32	41	40	21
DECEMBER	34	27	14	33	31	46	27	47	34	35

### Amebiasis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	571	1.7	442	1.3	403	1.1	359	1.0	365	1.0	377	1.0	433	1.2	436	1.2	398	1.1	406	1.1
0	0	-	2	0.4*	4	0.8*	2	0.4*	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-
1-4	23	1.2	17	0.9*	9	0.4*	16	0.8*	12	0.6*	6	0.3*	13	0.6*	11	0.5*	9	0.4*	13	0.6*
5-9	33	1.2	17	0.6*	15	0.6*	23	0.9	11	0.4*	18	0.7*	30	1.2	19	0.7	19	0.8	15	0.6*
10-14	34	1.3	26	0.9	21	0.8	20	0.7	16	0.6*	17	0.6*	14	0.5*	23	0.9	12	0.5*	15	0.6*
15-24	47	0.9	45	0.9	40	0.8	35	0.7	27	0.5	51	0.9	49	0.9	45	0.8	48	0.9	33	0.6
25-34	126	2.4	84	1.6	72	1.4	59	1.1	63	1.2	66	1.3	60	1.2	83	1.6	63	1.2	80	1.5
35-44	148	2.7	118	2.1	99	1.8	84	1.5	104	1.9	104	1.9	108	2.0	103	1.9	91	1.7	98	1.9
45-54	60	1.3	62	1.3	62	1.3	60	1.2	75	1.5	60	1.2	90	1.8	83	1.6	88	1.7	90	1.7
55-64	45	1.6	34	1.2	40	1.3	29	0.9	25	0.8	33	1.0	34	1.0	34	0.9	44	1.1	36	0.9
65+	23	0.6	20	0.5	29	0.8	22	0.6	23	0.6	20	0.5	31	0.8	33	0.8	24	0.6	26	0.6
UNKNOWN	32	-	17	-	12	-	9	-	8	-	2	-	4	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Amebiasis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	571	1.7	442	1.3	403	1.1	359	1.0	365	1.0	377	1.0	433	1.2	436	1.2	398	1.1	406	1.1
ASIAN/PACIFIC ISLANDER	18	0.4*	11	0.3*	13	0.3*	19	0.4	21	0.5	19	0.4	15	0.3*	18	0.4*	42	0.9	57	1.2
BLACK, NOT HISPANIC	24	1.1	13	0.6*	17	0.8*	23	1.0	14	0.6*	18	0.8*	18	0.8*	14	0.6*	7	0.3*	18	0.8*
HISPANIC	173	1.5	147	1.2	112	0.9	115	0.9	97	0.8	109	0.8	114	0.9	94	0.7	89	0.6	112	0.8
AMERICAN INDIAN/ALASKAN NATIVE	4	2.3*	1	0.6*	1	0.6*	1	0.6*	0	-	0	-	1	0.6*	2	1.2*	0	-	0	-
WHITE, NOT HISPANIC	169	1.1	162	1.0	149	0.9	110	0.7	155	1.0	135	0.9	154	1.0	160	1.0	161	1.1	135	0.9
OTHER/UNKNOWN	183	-	108	-	111	-	91	-	78	-	96	-	131	-	148	-	99	-	84	-

Rates are expressed as cases per 100,000 population.

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

# Anaplasmosis and Ehrlichiosis

## Anaplasmosis and Ehrlichiosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	0	-	2	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	1	0.9*	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	4	0.4*	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Anaplasmosis and Ehrlichiosis

Anaplasmosis and Ehrlichiosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	1	0	0	2	4	2	1	0	3	4
JANUARY	0	0	0	0	0	0	0	0	1	0
FEBRUARY	0	0	0	0	0	0	1	0	0	0
MARCH	0	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0	1
MAY	0	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	1	0	1	0	0	1	1
JULY	0	0	0	0	0	0	0	0	1	1
AUGUST	0	0	0	0	0	1	0	0	0	0
SEPTEMBER	0	0	0	0	1	0	0	0	0	0
OCTOBER	0	0	0	0	1	0	0	0	0	0
NOVEMBER	0	0	0	0	2	0	0	0	0	0
DECEMBER	1	0	0	1	0	0	0	0	0	1

Anaplasmosis and Ehrlichiosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	2	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
15-24	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-
35-44	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
45-54	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	1	0.0*
55-64	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-	2	0.0*	4	0.0*	2	0.0*	1	0.0*	0	-	3	0.0*	4	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	0	-	0	-	1	0.0*	3	0.0*	0	-	0	-	0	-	2	0.0*	1	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-	1	-	1	-	1	-	1	-	0	-	1	-	3	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

## **Anthrax**

**No cases of Anthrax were reported to CDPH with illness onset during 2001-2010**

**Babesiosis**

**Babesiosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	0	-	0	-	0	-	3	0.0*	1	0.0*	6	0.0*	1	0.0*	2	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Babesiosis

Babesiosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	0	0	0	0	3	1	6	1	2	3	
JANUARY	0	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	1	0	0	0	
MARCH	0	0	0	0	0	0	1	0	1	0	
APRIL	0	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	0	1	0	0	0	
JULY	0	0	0	0	1	0	1	0	0	1	
AUGUST	0	0	0	0	2	1	0	0	0	1	
SEPTEMBER	0	0	0	0	0	0	1	1	0	0	
OCTOBER	0	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	0	0	0	0	1	0	
DECEMBER	0	0	0	0	0	0	1	0	0	1	

Babesiosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	0	-	3	0.0*	1	0.0*	6	0.0*	1	0.0*	2	0.0*	3	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*
45-54	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*
65+	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.1*	0	-	2	0.0*	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	0	-	0	-	3	0.0*	1	0.0*	6	0.0*	1	0.0*	2	0.0*	3	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	0	-	0	-	2	0.0*	0	-	3	0.0*	0	-	2	0.0*	3	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-	0	-	0	-	1	-	2	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Botulism, Foodborne**

**Botulism, Foodborne, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4	0.0*	0	-	2	0.0*	5	0.0*	3	0.0*	6	0.0*	2	0.0*	3	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	2	0.0*	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.1*	4	0.2*	0	-	0	-	0	-	1	0.0*	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Botulism, Foodborne

Botulism, Foodborne, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	4	0	2	5	3	6	2	3	3	1	
JANUARY	1	0	0	0	0	2	0	0	0	0	
FEBRUARY	0	0	1	0	0	0	0	0	0	0	
MARCH	1	0	0	0	0	0	0	1	0	0	
APRIL	1	0	0	0	0	0	0	0	1	0	
MAY	0	0	0	0	1	1	0	0	0	0	
JUNE	0	0	0	0	0	0	0	0	0	0	
JULY	0	0	0	4	0	1	2	0	0	0	
AUGUST	0	0	0	1	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	2	0	0	
OCTOBER	0	0	1	0	0	0	0	0	1	1	
NOVEMBER	1	0	0	0	2	1	0	0	1	0	
DECEMBER	0	0	0	0	0	1	0	0	0	0	

Botulism, Foodborne, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	0	-	2	0.0*	5	0.0*	3	0.0*	6	0.0*	2	0.0*	3	0.0*	3	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	2	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
35-44	3	0.1*	0	-	0	-	2	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-
45-54	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	2	0.0*	2	0.0*	0	-	1	0.0*
55-64	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	1	0.0*	4	0.1*	0	-	1	0.0*	3	0.1*	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	4	0.0*	0	-	2	0.0*	5	0.0*	3	0.0*	6	0.0*	2	0.0*	3	0.0*	3	0.0*	1	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	2	0.0*	2	0.0*	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-
HISPANIC	1	0.0*	0	-	1	0.0*	3	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	2	0.0*	1	0.0*	1	0.0*	3	0.0*	1	0.0*
OTHER/UNKNOWN	2	-	0	-	0	-	0	-	0	-	1	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more



**Botulism, Other**

**No cases of Botulism, Other were reported to CDPH with illness onset during 2001-2010**

**Botulism, Wound**

Botulism, Wound, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	20	0.1	23	0.1	21	0.1	18	0.1*	27	0.1	38	0.1	19	0.1	18	0.0*	18	0.0*	16	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	5	0.3*	1	0.1*	1	0.1*	8	0.5*	2	0.1*	1	0.1*	6	0.4*	3	0.2*
ALAMEDA	0	-	1	0.1*	5	0.4*	1	0.1*	1	0.1*	8	0.6*	2	0.1*	1	0.1*	6	0.4*	3	0.2*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	2	0.2*	2	0.2*	0	-	2	0.2*	1	0.1*	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	1	0.6*	2	1.3*	1	0.6*	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	2	0.0*	0	-	3	0.0*	6	0.1*	3	0.0*	1	0.0*	5	0.1*	1	0.0*	2	0.0*
LOS ANGELES	0	-	2	0.0*	0	-	3	0.0*	6	0.1*	2	0.0*	1	0.0*	5	0.1*	1	0.0*	1	0.0*
LONG BEACH	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	21	-	0	-	0	-	0	-	0	-	0	-	18	-	16	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	5	0.2*	2	0.1*	0	-	1	0.0*	2	0.1*	7	0.2*	6	0.2*	1	0.0*	4	0.1*	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	3	0.2*	3	0.2*	1	0.1*	0	-	3	0.1*	1	0.0*	2	0.1*	0	-	2	0.1*
SACRAMENTO	6	0.5*	1	0.1*	2	0.2*	3	0.2*	4	0.3*	1	0.1*	0	-	2	0.1*	1	0.1*	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	2	0.1*	1	0.1*	0	-	2	0.1*	3	0.2*	2	0.1*	3	0.1*	1	0.0*	0	-
SAN DIEGO	0	-	3	0.1*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	4	0.1*
SAN FRANCISCO	1	0.1*	0	-	1	0.1*	3	0.4*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-	0	-
SAN JOAQUIN	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	1	0.2*	3	0.7*	0	-	1	0.2*	0	-	0	-
SANTA CLARA	0	-	3	0.2*	1	0.1*	1	0.1*	1	0.1*	2	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*
SANTA CRUZ	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	3	0.4*	5	0.6*	1	0.1*	2	0.3*	3	0.4*	0	-	1	0.1*	3	0.4*	2	0.2*
YOLO	1	0.6*	0	-	0	-	0	-	0	-	0	-	2	1.0*	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	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, Wound

Botulism, Wound, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	20	23	21	18	27	38	19	18	18	16	
JANUARY	2	1	1	0	2	9	2	0	1	1	
FEBRUARY	0	1	2	1	1	2	0	0	0	0	
MARCH	0	0	1	1	4	3	1	3	3	0	
APRIL	1	3	1	0	1	3	1	1	2	1	
MAY	2	0	3	0	0	5	2	1	0	3	
JUNE	1	2	1	3	1	6	3	1	1	0	
JULY	5	3	4	2	4	3	5	1	3	1	
AUGUST	1	4	2	1	5	2	1	2	1	4	
SEPTEMBER	1	1	1	2	4	0	2	2	0	1	
OCTOBER	2	2	0	2	2	3	0	2	4	0	
NOVEMBER	2	2	5	5	1	2	1	5	1	3	
DECEMBER	3	4	0	1	2	0	1	0	2	2	

Botulism, Wound, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	20	0.1	23	0.1	21	0.1	18	0.1*	27	0.1	38	0.1	19	0.1	18	0.0*	18	0.0*	16	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-
25-34	3	0.1*	1	0.0*	1	0.0*	3	0.1*	2	0.0*	4	0.1*	5	0.1*	1	0.0*	1	0.0*	1	0.0*
35-44	9	0.2*	11	0.2*	9	0.2*	2	0.0*	12	0.2*	11	0.2*	7	0.1*	5	0.1*	4	0.1*	8	0.2*
45-54	5	0.1*	10	0.2*	9	0.2*	9	0.2*	9	0.2*	15	0.3*	4	0.1*	8	0.2*	8	0.2*	5	0.1*
55-64	2	0.1*	0	-	2	0.1*	4	0.1*	4	0.1*	8	0.2*	2	0.1*	2	0.1*	4	0.1*	2	0.0*
65+	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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, Wound, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	20	0.1	23	0.1	21	0.1	18	0.1*	27	0.1	38	0.1	19	0.1	18	0.0*	18	0.0*	16	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	2	0.1*	1	0.0*	3	0.1*	3	0.1*	5	0.2*	2	0.1*	1	0.0*	1	0.0*	0	-
HISPANIC	9	0.1*	11	0.1*	9	0.1*	9	0.1*	13	0.1*	18	0.1*	8	0.1*	8	0.1*	8	0.1*	11	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	9	0.1*	5	0.0*	11	0.1*	3	0.0*	5	0.0*	10	0.1*	7	0.0*	6	0.0*	5	0.0*	4	0.0*
OTHER/UNKNOWN	2	-	5	-	0	-	3	-	6	-	5	-	1	-	3	-	4	-	1	-

Rates are expressed as cases per 100,000 population.

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

**Brucellosis**

Brucellosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	36	0.1	29	0.1	19	0.1	26	0.1	29	0.1	34	0.1	28	0.1	19	0.1	23	0.1	22	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	3	0.2*	3	0.2*	0	-	1	0.1*	0	-
ALAMEDA	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	2	0.1*	3	0.2*	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	1	0.9*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	2	0.2*	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	3	0.4*	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	1	3.6*	0	-	0	-	1	0
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	1	0.6*	2	1.2*	0	-	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	1	0.1*	1	0.1*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-	0	-
KINGS	0	-	2	1.5*	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	9	0.1*	11	0.1*	8	0.1*	5	0.1*	10	0.1*	5	0.1*	3	0.0*	3	0.0*	5	0.1*	8	0.1*
LOS ANGELES	8	0.1*	11	0.1*	7	0.1*	5	0.1*	10	0.1*	5	0.1*	3	0.0*	3	0.0*	4	0.0*	8	0.1*
LONG BEACH	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	2	0.9*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	1	0.0*	0	-	2	0.1*	0	-	4	0.1*	2	0.1*	2	0.1*	1	0.0*	3	0.1*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	0	-	0	-	1	0.1*	1	0.1*	1	0.0*	2	0.1*	2	0.1*	3	0.1*	0	-
SACRAMENTO	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.2*	1	0.1*	1	0.1*	1	0.1*	2	0.1*	2	0.1*	1	0.0*	0	-	1	0.0*	1	0.0*
SAN DIEGO	4	0.1*	6	0.2*	1	0.0*	4	0.1*	2	0.1*	7	0.2*	3	0.1*	5	0.2*	4	0.1*	2	0.1*
SAN FRANCISCO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.1*	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	2	0.8*	1	0.4*	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*	0	-	1	0.1*	2	0.3*	1	0.1*	1	0.1*	0	-	0	-
SANTA BARBARA	2	0.5*	0	-	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-
SANTA CLARA	1	0.1*	0	-	1	0.1*	0	-	0	-	3	0.2*	2	0.1*	2	0.1*	1	0.1*	0	-
SANTA CRUZ	0	-	1	0.4*	0	-	1	0.4*	0	-	0	-	0	-	1	0.4*	1	0.4*	2	0.8*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	2	0.4*	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.3*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	4	0.5*	0	-	2	0.3*	2	0.3*	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	1	0.5*	0	-	3	1.5*	0	-	0	-	3	1.5*
YUBA	0	-	0	-	0	-	0	-	0	-	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

Brucellosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	36	29	19	26	29	34	28	19	23	22	
JANUARY	3	4	1	1	1	0	5	1	2	1	
FEBRUARY	2	4	3	3	3	6	0	0	2	3	
MARCH	3	3	4	4	0	3	3	2	2	4	
APRIL	4	4	1	1	2	4	2	5	2	4	
MAY	4	1	1	2	2	2	3	2	3	3	
JUNE	5	2	0	2	6	3	4	0	3	2	
JULY	4	3	2	2	2	2	0	2	2	0	
AUGUST	1	0	4	6	1	1	6	2	3	0	
SEPTEMBER	1	1	1	1	4	4	1	2	0	1	
OCTOBER	3	4	2	2	3	2	2	0	0	2	
NOVEMBER	4	2	0	0	5	3	1	1	2	0	
DECEMBER	2	1	0	2	0	4	1	2	2	2	

Brucellosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	36	0.1	29	0.1	19	0.1	26	0.1	29	0.1	34	0.1	28	0.1	19	0.1	23	0.1	22	0.1
0	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	2	0.1*	1	0.1*	0	-	1	0.0*	0	-	0	-	2	0.1*	0	-	4	0.2*	0	-
5-9	5	0.2*	2	0.1*	3	0.1*	0	-	4	0.2*	1	0.0*	0	-	1	0.0*	2	0.1*	1	0.0*
10-14	4	0.1*	2	0.1*	1	0.0*	1	0.0*	2	0.1*	2	0.1*	3	0.1*	0	-	0	-	1	0.0*
15-24	3	0.1*	4	0.1*	1	0.0*	4	0.1*	5	0.1*	2	0.0*	4	0.1*	1	0.0*	2	0.0*	3	0.1*
25-34	6	0.1*	4	0.1*	4	0.1*	4	0.1*	5	0.1*	9	0.2*	4	0.1*	1	0.0*	0	-	4	0.1*
35-44	3	0.1*	4	0.1*	3	0.1*	4	0.1*	4	0.1*	9	0.2*	3	0.1*	4	0.1*	2	0.0*	1	0.0*
45-54	3	0.1*	4	0.1*	1	0.0*	7	0.1*	1	0.0*	5	0.1*	3	0.1*	3	0.1*	4	0.1*	2	0.0*
55-64	1	0.0*	2	0.1*	4	0.1*	3	0.1*	4	0.1*	3	0.1*	6	0.2*	3	0.1*	3	0.1*	2	0.0*
65+	9	0.2*	5	0.1*	2	0.1*	2	0.1*	4	0.1*	3	0.1*	3	0.1*	6	0.1*	6	0.1*	8	0.2*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	36	0.1	29	0.1	19	0.1	26	0.1	29	0.1	34	0.1	28	0.1	19	0.1	23	0.1	22	0.1
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	2	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
HISPANIC	33	0.3	27	0.2	19	0.2	23	0.2	24	0.2	26	0.2	24	0.2	18	0.1*	21	0.2	19	0.1
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	3	0.0*	1	0.0*	0	-	3	0.0*	2	0.0*	6	0.0*	3	0.0*	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	1	-	0	-	0	-	1	-	0	-	0	-	1	-	1	-	2	-

Rates are expressed as cases per 100,000 population.

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

### Campylobacteriosis

Campylobacteriosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5,610	16.3	5,681	16.3	5,225	14.8	5,082	14.2	4,735	13.2	4,631	12.8	5,186	14.2	5,461	14.8	5,887	15.9	6,651	17.8
ALAMEDA COUNTY TOTAL	261	17.8	369	25.1	304	20.7	312	21.3	330	22.6	322	22.0	369	25.0	329	22.1	349	23.2	361	23.9
ALAMEDA	233	17.1	325	23.8	272	20.0	287	21.1	302	22.3	285	21.0	338	24.7	293	21.2	317	22.8	326	23.3
BERKELEY	28	26.8	44	41.9	32	30.5	25	23.7	28	26.5	37	34.4	31	28.4	36	32.6	32	28.7	35	31.0
ALPINE	0	-	0	-	0	-	0	-	0	-	1	79.7*	0	-	0	-	0	-	0	-
AMADOR	3	8.4*	0	-	6	16.3*	4	10.8*	5	13.3*	13	34.2*	3	7.9*	1	2.6*	4	10.6*	5	13.2*
BUTTE	42	20.4	43	20.7	33	15.7	45	21.2	33	15.4	45	20.9	39	18.0	23	10.5	31	14.1	69	31.4
CALAVERAS	13	31.4*	4	9.5*	5	11.6*	9	20.5*	7	15.6*	9	19.9*	7	15.3*	8	17.5*	12	26.3*	25	55.0
COLUSA	1	5.2*	0	-	5	25.4*	4	19.8*	3	14.6*	2	9.6*	4	18.9*	1	4.7*	1	4.7*	3	14.0*
CONTRA COSTA	209	21.5	183	18.7	185	18.7	227	22.7	154	15.3	153	15.1	179	17.5	151	14.6	250	24.0	300	28.5
DEL NORTE	1	3.6*	3	10.9*	3	10.8*	2	7.1*	4	14.1*	0	-	4	14.0*	5	17.5*	2	7.0*	0	-
EL DORADO	12	7.4*	9	5.5*	14	8.3*	21	12.3	20	11.5	16	9.1*	12	6.8*	9	5.0*	15	8.3*	15	8.3*
FRESNO	252	30.9	242	29.2	182	21.5	158	18.4	152	17.4	169	19.1	199	22.1	211	23.1	256	27.7	250	26.8
GLENN	8	30.1*	1	3.7*	4	14.7*	6	22.0*	5	18.2*	6	21.6*	7	25.0*	1	3.6*	1	3.6*	2	7.1*
HUMBOLDT	23	18.1	30	23.3	26	20.0	35	26.7	25	19.0	10	7.6*	30	22.6	26	19.5	14	10.5*	20	14.9
IMPERIAL	18	12.4*	39	26.5	35	23.2	30	19.5	22	14.0	9	5.5*	23	13.8	19	11.2	18	10.4*	32	18.2
INYO	2	11.0*	0	-	7	37.8*	9	48.5*	4	21.7*	4	21.7*	6	32.5*	2	10.9*	1	5.4*	4	21.6*
KERN	120	17.7	119	17.1	99	13.8	104	14.1	116	15.2	115	14.6	119	14.8	145	17.7	195	23.5	263	31.3
KINGS	14	10.6*	15	11.1*	7	5.0*	15	10.5*	23	15.9	4	2.7*	8	5.3*	7	4.6*	16	10.5*	12	7.9*
LAKE	2	3.3*	1	1.6*	0	-	1	1.6*	1	1.6*	1	1.6*	3	4.7*	3	4.7*	1	1.6*	7	10.8*
LASSEN	3	8.9*	3	8.9*	3	8.8*	2	5.8*	0	-	2	5.7*	3	8.4*	1	2.8*	0	-	0	-
LOS ANGELES COUNTY TOTAL	1,221	12.7	1,154	11.9	1,146	11.7	950	9.7	776	7.9	818	8.4	868	8.9	1,138	11.6	1,188	12.1	1,303	13.3
LOS ANGELES	1,144	12.7	1,075	11.8	1,089	11.9	886	9.6	726	7.9	774	8.4	820	8.9	1,080	11.7	1,128	12.3	1,233	13.4
LONG BEACH	55	11.8	60	12.8	43	9.1	54	11.4	39	8.3	36	7.7	35	7.5	38	8.2	50	10.8	47	10.2
PASADENA	22	16.3	19	13.9	14	10.2*	10	7.3*	11	8.0*	8	5.9*	13	9.6*	20	14.8	10	7.3*	23	16.8
MADERA	50	39.5	51	39.7	29	21.8	35	25.6	35	25.0	32	22.3	51	34.7	49	32.9	43	28.6	52	34.4
MARIN	12	4.8*	14	5.7*	21	8.5	55	22.3	99	40.1	73	29.5	94	37.8	75	30.0	84	33.4	68	26.9
MARIPOSA	0	-	1	5.7*	3	16.9*	1	5.6*	3	16.6*	1	5.5*	1	5.4*	2	10.9*	1	5.5*	0	-
MENDOCINO	16	18.4*	15	17.1*	7	8.0*	19	21.5	17	19.3*	18	20.6*	16	18.3*	22	25.1	24	27.4	27	30.7
MERCED	62	28.5	62	27.8	60	26.2	70	29.7	56	23.3	46	18.7	51	20.4	63	25.0	68	26.8	50	19.5
MODOC	1	10.6*	0	-	3	31.5*	1	10.4*	1	10.4*	2	20.7*	1	10.4*	1	10.4*	0	-	0	-
MONO	4	30.3*	2	14.9*	6	44.2*	0	-	1	7.2*	4	28.3*	0	-	0	-	1	7.1*	2	14.1*
MONTEREY	47	11.6	45	11.0	42	10.2	47	11.4	34	8.3	36	8.9	48	11.8	55	13.4	45	10.9	63	15.1
NAPA	43	34.1	49	38.3	41	31.7	36	27.6	22	16.8	33	25.0	26	19.5	27	20.0	43	31.7	46	33.6
NEVADA	12	12.8*	7	7.4*	9	9.4*	12	12.4*	4	4.1*	5	5.1*	11	11.2*	9	9.1*	18	18.3*	13	13.2*
ORANGE	258	8.9	291	10.0	241	8.2	234	7.9	196	6.6	237	8.0	358	12.1	293	9.8	271	9.0	369	12.2
PLACER	41	15.5	32	11.6	40	13.8	38	12.5	46	14.7	32	9.9	29	8.8	40	11.8	41	11.9	54	15.4
PLUMAS	8	38.6*	1	4.8*	2	9.6*	2	9.6*	2	9.6*	2	9.7*	0	-	1	4.9*	1	5.0*	1	5.0*
RIVERSIDE	109	6.7	113	6.7	84	4.7	86	4.6	69	3.6	87	4.3	99	4.8	149	7.0	123	5.7	147	6.7
SACRAMENTO	192	15.2	201	15.5	148	11.2	158	11.8	185	13.6	163	11.9	186	13.4	135	9.6	184	13.0	177	12.5
SAN BENITO	8	14.6*	10	18.1*	20	36.1	4	7.2*	4	7.3*	8	14.6*	10	18.2*	15	27.3*	6	10.9*	10	18.1*
SAN BERNARDINO	138	7.8	123	6.8	146	7.9	103	5.4	108	5.6	97	4.9	110	5.5	161	8.0	151	7.5	159	7.8
SAN DIEGO	492	17.1	553	19.0	578	19.6	531	17.9	487	16.4	411	13.8	474	15.7	442	14.5	483	15.7	581	18.7
SAN FRANCISCO	415	53.1	372	47.5	332	42.5	279	35.7	399	51.2	303	38.7	305	38.5	380	47.6	332	41.4	396	49.1
SAN JOAQUIN	130	22.1	161	26.7	123	19.8	158	24.7	145	22.3	157	23.8	158	23.6	133	19.7	138	20.3	230	33.5
SAN LUIS OBISPO	31	12.3	34	13.4	25	9.8	50	19.3	50	19.2	48	18.3	53	20.1	43	16.1	98	36.5	101	37.5
SAN MATEO	260	36.8	234	33.2	227	32.3	204	29.1	162	23.2	176	25.2	186	26.4	197	27.7	229	32.0	236	32.8
SANTA BARBARA	63	15.6	68	16.7	77	18.8	75	18.2	67	16.3	62	15.0	90	21.6	83	19.8	102	24.1	92	21.7
SANTA CLARA	359	21.2	379	22.4	344	20.3	327	19.3	281	16.5	309	18.0	343	19.8	291	16.5	342	19.3	372	20.8
SANTA CRUZ	17	6.6*	18	7.0*	17	6.7*	58	22.8	58	22.8	47	18.4	46	17.9	45	17.3	49	18.7	52	19.8
SHASTA	17	10.2*	13	7.7*	14	8.1*	12	6.9*	12	6.9*	12	6.8*	13	7.4*	25	14.2	20	11.3	13	7.3*
SIERRA	1	27.9*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	4	9.0*	5	11.3*	3	6.7*	3	6.7*	6	13.3*	0	-	1	2.2*	4	8.9*	7	15.6*	13	29.0*
SOLANO	69	17.1	56	13.8	42	10.3	72	17.5	59	14.4	65	15.8	64	15.5	71	17.2	61	14.8	60	14.5
SONOMA	131	28.1	113	24.2	116	24.8	107	22.8	80	17.0	72	15.3	80	16.9	92	19.3	109	22.7	126	26.0
STANISLAUS	135	29.1	144	30.4	102	21.1	115	23.5	92	18.5	123	24.4	124	24.4	143	28.0	132	25.8	145	28.1
SUTTER	14	17.4*	15	18.3*	8	9.5*	5	5.8*	10	11.3*	10	11.0*	13	14.1*	8	8.6*	13	13.8*	8	8.5*
TEHAMA	5	8.9*	12	20.9*	8	13.7*	3	5.0*	2	3.3*	11	17.9*	6	9.7*	14	22.3*	14	22.2*	5	7.9*
TRINITY	1	7.7*	0	-	1	7.5*	2	14.8*	1	7.3*	0	-	1	7.3*	0	-	1	7.3*	0	-
TULARE	151	40.4	131	34.4	136	34.8	131	32.8	121	29.6	132	31.7	132	31.2	157	36.4	153	34.9	134	30.2
TUOLUMNE	5	9.0*	5	8.9*	2	3.5*	1	1.8*	5	8.9*	6	10.6*	3	5.3*	2	3.6*	2	3.6*	6	10.9*
VENTURA	69	9.0	76	9.7	58	7.3	60	7.5	79	9.9	50	6.2	76	9.4	98	12.1	100	1		

### Campylobacteriosis

Campylobacteriosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	5,610	5,681	5,225	5,082	4,735	4,631	5,186	5,461	5,887	6,651	
JANUARY	378	382	447	421	438	365	347	426	474	524	
FEBRUARY	340	315	300	356	286	292	289	287	311	459	
MARCH	427	354	346	303	338	303	328	342	326	503	
APRIL	433	359	374	350	405	339	468	371	403	444	
MAY	518	598	490	456	407	363	455	472	469	537	
JUNE	625	570	501	511	482	447	635	626	591	631	
JULY	607	645	583	588	542	514	584	685	616	747	
AUGUST	542	647	676	553	443	470	572	582	695	753	
SEPTEMBER	493	529	452	387	349	455	445	464	570	587	
OCTOBER	458	495	437	402	392	396	393	422	495	569	
NOVEMBER	412	412	355	392	344	372	351	421	478	481	
DECEMBER	377	375	264	363	309	315	319	363	459	416	

Campylobacteriosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,610	16.3	5,681	16.3	5,225	14.8	5,082	14.2	4,735	13.2	4,631	12.8	5,186	14.2	5,461	14.8	5,887	15.9	6,651	17.8
0	244	47.0	217	42.0	181	34.6	191	36.5	161	30.7	122	23.2	146	27.6	172	32.5	173	34.7	161	32.7
1-4	801	40.8	866	43.4	711	35.1	644	31.3	643	31.2	597	29.0	735	35.8	802	39.0	762	37.2	820	40.4
5-9	455	16.9	439	16.5	404	15.3	399	15.3	316	12.3	309	12.0	387	15.1	453	17.7	470	18.7	503	20.1
10-14	274	10.2	317	11.5	284	10.2	261	9.3	225	8.1	233	8.4	250	9.1	284	10.5	264	10.2	336	13.0
15-24	624	12.5	650	12.8	629	12.2	550	10.4	506	9.5	550	10.2	611	11.1	651	11.8	731	13.2	803	14.4
25-34	855	16.2	845	16.1	789	15.1	712	13.7	647	12.6	616	12.0	684	13.3	678	13.0	753	14.3	878	16.5
35-44	825	14.9	786	14.2	716	13.0	706	12.8	712	13.0	626	11.5	576	10.6	611	11.4	669	12.8	779	15.1
45-54	653	14.5	644	13.9	591	12.5	586	12.1	571	11.6	582	11.6	618	12.1	655	12.6	709	13.5	802	15.3
55-64	361	13.2	407	14.1	369	12.2	456	14.4	420	12.7	414	12.0	504	14.1	529	14.3	568	14.4	690	16.9
65+	432	11.9	436	11.9	462	12.4	463	12.3	432	11.3	493	12.7	594	15.1	616	15.3	716	17.1	840	19.6
UNKNOWN	86	.	74	.	89	.	114	.	102	.	89	.	81	.	10	.	72	.	39	.

Rates are expressed as cases per 100,000 population.

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

Campylobacteriosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	5,610	16.3	5,681	16.3	5,225	14.8	5,082	14.2	4,735	13.2	4,631	12.8	5,186	14.2	5,461	14.8	5,887	15.9	6,651	17.8
ASIAN/PACIFIC ISLANDER	220	5.3	249	5.9	253	5.9	214	4.9	229	5.2	233	5.2	286	6.2	251	5.4	170	3.6	201	4.1
BLACK, NOT HISPANIC	98	4.4	97	4.4	79	3.5	69	3.1	62	2.8	71	3.2	71	3.2	78	3.5	73	3.3	78	3.6
HISPANIC	1,627	14.2	1,646	14.0	1,482	12.2	1,228	9.9	1,227	9.7	1,185	9.2	1,277	9.7	1,512	11.2	1,076	7.8	1,127	8.0
AMERICAN INDIAN/ALASKAN NATIVE	8	4.5*	9	5.1*	13	7.4*	10	5.8*	6	3.5*	5	2.9*	6	3.5*	6	3.5*	4	2.4*	4	2.4*
WHITE, NOT HISPANIC	1,372	8.6	1,306	8.2	1,243	7.8	1,261	8.0	1,161	7.4	1,179	7.5	1,329	8.5	1,311	8.5	1,048	6.9	1,164	7.7
OTHER/UNKNOWN	2,285	-	2,374	-	2,155	-	2,300	-	2,050	-	1,958	-	2,217	-	2,303	-	3,516	-	4,077	-

Rates are expressed as cases per 100,000 population.

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

**Cholera**

**Cholera, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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



## Cholera

Cholera, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	0	0	1	1	1	1	1	0	2	0
JANUARY	0	0	0	0	0	0	0	0	0	0
FEBRUARY	0	0	1	0	0	0	0	0	0	0
MARCH	0	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	1	0	0	0	0	0	0
MAY	0	0	0	0	0	1	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	1	0
JULY	0	0	0	0	0	0	0	0	0	0
AUGUST	0	0	0	0	0	0	0	0	1	0
SEPTEMBER	0	0	0	0	0	0	1	0	0	0
OCTOBER	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	1	0	0	0	0	0

Cholera, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-
45-54	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	2	0.0*	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-	1	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	1	0.0*	1	0.0*	3	0.0*	1	0.0*	6	0.0*	2	0.0*	0	-	9	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	2	0.1*	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-
ALAMEDA	2	0.1*	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.2*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	3	0.0*	0	-	0	-	1	0.0*	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	2	0.4*	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	1	0.1*	2	0.1*	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.4*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	3	1	1	3	1	6	2	0	9	1	
JANUARY	0	1	0	0	0	0	0	0	1	0	
FEBRUARY	0	0	0	0	0	0	0	0	1	0	
MARCH	0	0	0	0	0	2	0	0	2	0	
APRIL	1	0	0	0	0	0	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	1	
JUNE	0	0	0	2	1	0	0	0	1	0	
JULY	0	0	1	1	0	0	2	0	1	0	
AUGUST	1	0	0	0	0	0	0	0	0	0	
SEPTEMBER	1	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	1	0	0	2	0	
NOVEMBER	0	0	0	0	0	1	0	0	0	0	
DECEMBER	0	0	0	0	0	2	0	0	1	0	

Ciguatera Fish Poisoning, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	1	0.0*	1	0.0*	3	0.0*	1	0.0*	6	0.0*	2	0.0*	0	-	9	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*	0	-
25-34	0	-	0	-	0	-	0	-	0	-	2	0.0*	2	0.0*	0	-	2	0.0*	0	-
35-44	1	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*	0	-	0	-	1	0.0*	0	-
45-54	1	0.0*	0	-	0	-	2	0.0*	0	-	1	0.0*	0	-	0	-	3	0.1*	0	-
55-64	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
UNKNOWN	1	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	1	0.0*	1	0.0*	3	0.0*	1	0.0*	6	0.0*	2	0.0*	0	-	9	0.0*	1	0.0*
ASIAN/PACIFIC ISLANDER	1	0.0*	0	-	0	-	2	0.0*	0	-	2	0.0*	0	-	0	-	3	0.1*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	0	-	1	0.0*	1	0.0*
OTHER/UNKNOWN	2	-	0	-	0	-	1	-	0	-	2	-	2	-	0	-	4	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Coccidioidomycosis**

**Coccidioidomycosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1,490	4.3	1,612	4.6	2,039	5.8	2,537	7.1	2,838	7.9	3,032	8.4	2,943	8.1	2,383	6.5	2,395	6.5	4,431	11.9
ALAMEDA COUNTY TOTAL	8	0.5*	2	0.1*	9	0.6*	12	0.8*	11	0.8*	30	2.0	26	1.8	27	1.8	14	0.9*	21	1.4
ALAMEDA	7	0.5*	2	0.1*	9	0.7*	12	0.9*	11	0.8*	29	2.1	26	1.9	27	2.0	13	0.9*	20	1.4
BERKELEY	1	1.0*	0	-	0	-	0	-	0	-	1	0.9*	0	-	0	-	1	0.9*	1	0.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	2	5.4*	1	2.7*	4	10.5*	2	5.3*	3	7.9*	2	5.3*	2	5.3*
BUTTE	0	-	0	-	0	-	3	1.4*	0	-	1	0.5*	5	2.3*	0	-	1	0.5*	2	0.9*
CALAVERAS	0	-	0	-	1	2.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	3	14.9*	1	4.9*	3	14.4*	0	-	0	-	0	-	0	-
CONTRA COSTA	7	0.7*	7	0.7*	13	1.3*	19	1.9	19	1.9	29	2.9	20	2.0	9	0.9*	14	1.3*	16	1.5*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	2	1.2*	2	1.2*	1	0.6*	2	1.1*	0	-	3	1.7*	0	-	0	-
FRESNO	55	6.7	73	8.8	142	16.8	130	15.1	331	38.0	665	75.0	400	44.5	324	35.5	489	52.9	728	78.1
GLENN	0	-	2	7.5*	0	-	1	3.7*	0	-	1	3.6*	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.8*	0	-	0	-	0	-	2	1.5*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	1	0.7*	4	2.6*	1	0.6*	3	1.8*	11	6.6*	7	4.1*	8	4.6*	4	2.3*
INYO	0	-	0	-	0	-	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-
KERN	948	139.5	997	143.1	1,235	172.1	1,468	198.4	1,507	197.8	1,019	129.6	1,394	173.0	834	101.7	598	71.9	1,914	227.5
KINGS	37	27.9	46	34.2	50	36.0	72	50.5	127	87.8	231	156.6	138	91.8	183	120.5	202	133.1	380	248.9
LAKE	0	-	0	-	0	-	1	1.6*	0	-	0	-	0	-	0	-	1	1.6*	1	1.5*
LASSEN	2	5.9*	0	-	2	5.9*	4	11.6*	0	-	1	2.9*	1	2.8*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	79	0.8	91	0.9	104	1.1	151	1.5	226	2.3	197	2.0	172	1.8	242	2.5	194	2.0	246	2.5
LOS ANGELES	76	0.8	85	0.9	99	1.1	149	1.6	224	2.4	192	2.1	156	1.7	224	2.4	184	2.0	231	2.5
LONG BEACH	3	0.6*	5	1.1*	4	0.8*	1	0.2*	2	0.4*	4	0.9*	15	3.2*	16	3.4*	8	1.7*	12	2.6*
PASADENA	0	-	1	0.7*	1	0.7*	1	0.7*	0	-	1	0.7*	1	0.7*	2	1.5*	2	1.5*	3	2.2*
MADERA	7	5.5*	18	14.0*	11	8.3*	27	19.8	26	18.6	30	20.9	30	20.4	21	14.1	26	17.3	33	21.8
MARIN	0	-	1	0.4*	1	0.4*	2	0.8*	2	0.8*	0	-	0	-	1	0.4*	2	0.8*	2	0.8*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	1	1.1*	0	-	0	-	1	1.1*	0	-	0	-	0	-
MERCED	6	2.8*	15	6.7*	17	7.4*	11	4.7*	17	7.1*	11	4.5*	11	4.4*	14	5.6*	18	7.1*	56	21.9
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	1	7.4*	0	-	0	-	0	-	1	7.0*	0	-	0	-	0	-
MONTEREY	12	3.0*	8	2.0*	6	1.5*	18	4.4*	29	7.1	48	11.8	33	8.1	28	6.8	39	9.4	55	13.2
NAPA	0	-	0	-	1	0.8*	0	-	0	-	3	2.3*	1	0.8*	0	-	1	0.7*	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	1	1.0*	2	2.0*	1	1.0*
ORANGE	27	0.9	24	0.8	23	0.8	33	1.1	39	1.3	43	1.5	35	1.2	43	1.4	71	2.4	39	1.3
PLACER	0	-	1	0.4*	1	0.3*	2	0.7*	1	0.3*	4	1.2*	1	0.3*	1	0.3*	2	0.6*	1	0.3*
PLUMAS	0	-	1	4.8*	0	-	0	-	0	-	0	-	0	-	0	-	1	5.0*	0	-
RIVERSIDE	30	1.8	27	1.6	26	1.5	49	2.6	51	2.6	55	2.7	47	2.3	46	2.2	76	3.5	83	3.8
SACRAMENTO	5	0.4*	8	0.6*	9	0.7*	13	1.0*	12	0.9*	12	0.9*	15	1.1*	6	0.4*	3	0.2*	15	1.1*
SAN BENITO	1	1.8*	0	-	2	3.6*	2	3.6*	1	1.8*	4	7.3*	0	-	1	1.8*	0	-	1	1.8*
SAN BERNARDINO	13	0.7*	17	0.9*	15	0.8*	27	1.4	35	1.8	33	1.7	24	1.2	23	1.1	37	1.8	70	3.4
SAN DIEGO	57	2.0	59	2.0	55	1.9	62	2.1	73	2.5	53	1.8	82	2.7	136	4.5	135	4.4	137	4.4
SAN FRANCISCO	3	0.4*	1	0.1*	3	0.4*	5	0.6*	3	0.4*	7	0.9*	7	0.9*	0	-	0	-	3	0.4*
SAN JOAQUIN	11	1.9*	20	3.3	17	2.7*	28	4.4	26	4.0	39	5.9	47	7.0	34	5.0	28	4.1	55	8.0
SAN LUIS OBISPO	45	17.9	45	17.7	67	26.2	92	35.6	90	34.6	176	67.2	81	30.7	80	30.0	77	28.7	163	60.4
SAN MATEO	3	0.4*	10	1.4*	0	-	5	0.7*	3	0.4*	7	1.0*	8	1.1*	6	0.8*	6	0.8*	6	0.8*
SANTA BARBARA	10	2.5*	11	2.7*	8	2.0*	13	3.2*	25	6.1	25	6.1	16	3.8*	11	2.6*	18	4.3*	36	8.5
SANTA CLARA	12	0.7*	7	0.4*	6	0.4*	9	0.5*	6	0.4*	30	1.8	51	2.9	22	1.3	16	0.9*	29	1.6
SANTA CRUZ	1	0.4*	1	0.4*	0	-	0	-	1	0.4*	2	0.8*	4	1.6*	2	0.8*	3	1.1*	5	1.9*
SHASTA	3	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	1.1*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	1	2.2*	0	-	1	2.2*	0	-	1	2.2*	0	-
SOLANO	3	0.7*	0	-	0	-	1	0.2*	2	0.5*	11	2.7*	6	1.5*	11	2.7*	2	0.5*	10	2.4*
SONOMA	0	-	0	-	3	0.6*	0	-	0	-	0	-	2	0.4*	0	-	0	-	1	0.2*
STANISLAUS	3	0.6*	16	3.4*	16	3.3*	17	3.5*	15	3.0*	19	3.8	19	3.7	15	2.9*	18	3.5*	51	9.9
SUTTER	1	1.2*	1	1.2*	0	-	0	-	2	2.3*	1	1.1*	0	-	0	-	0	-	1	1.1*
TEHAMA	2	3.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	7.3*	0	-
TULARE	74	19.8	89	23.3	143	36.6	158	39.5	125	30.6	196	47.1	172	40.6	200	46.4	229	52.2	194	43.8
TUOLUMNE	2	3.6*	1	1.8*	1	1.8*	3	5.3*	0	-	6	10.6*	3	5.3*	0	-	3	5.4*	1	1.8*
VENTURA	21	2.7	10	1.3*	44	5.6	84	10.6	26	3.3	27	3.4	73	9.1	46	5.7	51	6.2	63	7.6
YOLO	1	0.6*	3	1.7*	2	1.1*	3	1.6*	1	0.5*	2	1.0*	1	0.5*	1	0.5*	4	2.0*	4	2.0*
YUBA	0	-	0	-	0	-	0	-	1	1.5*	0	-	0	-	2	2.8*	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

### Coccidioidomycosis

Coccidioidomycosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	1,490	1,612	2,039	2,537	2,838	3,032	2,943	2,383	2,395	4,431	
JANUARY	74	137	110	252	186	300	306	219	227	242	
FEBRUARY	49	79	64	173	127	215	265	223	178	139	
MARCH	39	96	72	196	142	254	313	181	156	155	
APRIL	43	108	81	184	122	196	232	189	169	150	
MAY	60	137	100	220	119	155	208	153	181	137	
JUNE	76	240	106	219	133	212	230	159	237	226	
JULY	94	203	190	216	133	199	217	172	220	278	
AUGUST	185	169	235	228	202	333	303	197	247	472	
SEPTEMBER	197	118	221	242	328	333	214	213	201	640	
OCTOBER	300	134	278	208	425	290	233	226	205	861	
NOVEMBER	225	96	316	246	505	278	239	209	176	621	
DECEMBER	148	95	266	153	416	267	183	242	198	510	

Coccidioidomycosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,490	4.3	1,612	4.6	2,039	5.8	2,537	7.1	2,838	7.9	3,032	8.4	2,943	8.1	2,383	6.5	2,395	6.5	4,431	11.9
0	7	1.3*	5	1.0*	4	0.8*	5	1.0*	9	1.7*	8	1.5*	4	0.8*	2	0.4*	4	0.8*	5	1.0*
1-4	9	0.5*	20	1.0	26	1.3	22	1.1	27	1.3	28	1.4	18	0.9*	15	0.7*	17	0.8*	45	2.2
5-9	32	1.2	37	1.4	46	1.7	43	1.6	75	2.9	51	2.0	39	1.5	42	1.6	56	2.2	85	3.4
10-14	63	2.3	86	3.1	100	3.6	98	3.5	130	4.7	86	3.1	70	2.6	54	2.0	59	2.3	157	6.1
15-24	215	4.3	224	4.4	311	6.0	407	7.7	333	6.2	364	6.7	406	7.4	298	5.4	306	5.5	557	10.0
25-34	272	5.1	297	5.7	388	7.4	425	8.2	508	9.9	583	11.4	558	10.8	410	7.9	406	7.7	773	14.5
35-44	338	6.1	305	5.5	424	7.7	503	9.1	583	10.7	654	12.0	629	11.6	437	8.1	448	8.6	903	17.5
45-54	262	5.8	283	6.1	359	7.6	467	9.7	554	11.2	596	11.9	602	11.8	474	9.1	470	8.9	831	15.8
55-64	145	5.3	163	5.7	176	5.8	278	8.8	273	8.2	342	9.9	303	8.5	345	9.3	320	8.1	562	13.8
65+	134	3.7	171	4.7	202	5.4	264	7.0	285	7.5	301	7.8	283	7.2	298	7.4	309	7.4	490	11.5
UNKNOWN	13	.	21	.	3	.	25	.	61	.	19	.	31	.	8	.	0	.	23	.

Rates are expressed as cases per 100,000 population.

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

Coccidioidomycosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1,490	4.3	1,612	4.6	2,039	5.8	2,537	7.1	2,838	7.9	3,032	8.4	2,943	8.1	2,383	6.5	2,395	6.5	4,431	11.9
ASIAN/PACIFIC ISLANDER	45	1.1	68	1.6	98	2.3	123	2.8	94	2.1	117	2.6	86	1.9	89	1.9	70	1.5	152	3.1
BLACK, NOT HISPANIC	54	2.4	96	4.3	174	7.8	165	7.4	184	8.3	306	13.8	244	11.0	207	9.3	216	9.8	275	12.5
HISPANIC	534	4.7	569	4.8	633	5.2	685	5.5	791	6.2	985	7.6	968	7.3	802	6.0	767	5.6	1,197	8.5
AMERICAN INDIAN/ALASKAN NATIVE	2	1.1*	5	2.9*	4	2.3*	3	1.7*	3	1.8*	10	5.9*	9	5.3*	5	2.9*	5	3.0*	4	2.4*
WHITE, NOT HISPANIC	201	1.3	283	1.8	521	3.3	592	3.7	570	3.6	733	4.7	698	4.5	542	3.5	464	3.0	727	4.8
OTHER/UNKNOWN	654	-	591	-	609	-	969	-	1,196	-	881	-	938	-	738	-	873	-	2,076	-

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

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Health Jurisdiction, California, 2007 to 2010

JURISDICTION	2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	34	0.1	30	0.1	40	0.1
ALAMEDA COUNTY TOTAL	4	0.3*	4	0.3*	1	0.1*	2	0.1*
ALAMEDA	4	0.3*	4	0.3*	1	0.1*	2	0.1*
BERKELEY	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	1	0.1*
GLENN	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*	3	2.2*
IMPERIAL	1	0.6*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-
LAKE	3	4.7*	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	7	0.1*	1	0.0*	3	0.0*
LOS ANGELES	1	0.0*	7	0.1*	1	0.0*	3	0.0*
LONG BEACH	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	2	2.3*
MERCED	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	1	0.2*
NAPA	1	0.8*	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	1	1.0*
ORANGE	1	0.0*	4	0.1*	1	0.0*	4	0.1*
PLACER	0	-	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	2	0.1*	1	0.0*	1	0.0*
SACRAMENTO	0	-	0	-	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.1*	3	0.1*	6	0.3*	2	0.1*
SAN DIEGO	4	0.1*	4	0.1*	8	0.3*	10	0.3*
SAN FRANCISCO	0	-	2	0.3*	0	-	3	0.4*
SAN JOAQUIN	0	-	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	1	0.4*	1	0.4*	1	0.4*
SAN MATEO	0	-	0	-	2	0.3*	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	2	0.1*	2	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	1	0.2*	3	0.6*
STANISLAUS	0	-	0	-	0	-	0	-
SUTTER	1	1.1*	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	3	0.4*	0	-
YOLO	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

Reporting for Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies was required starting in 2007.

### Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Month of Estimated Onset, California, 2007 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET			
	2007	2008	2009	2010
TOTAL	21	34	30	40
JANUARY	0	3	3	4
FEBRUARY	2	2	5	5
MARCH	2	5	4	4
APRIL	3	3	3	3
MAY	2	6	0	5
JUNE	1	3	3	2
JULY	0	0	2	5
AUGUST	0	3	2	3
SEPTEMBER	2	0	2	3
OCTOBER	4	3	3	2
NOVEMBER	4	1	2	3
DECEMBER	1	5	1	1

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Age Group, California, 2007 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET							
	2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	34	0.1	30	0.1	40	0.1
0	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-
35-44	0	-	2	0.0*	0	-	2	0.0*
45-54	2	0.0*	5	0.1*	2	0.0*	4	0.1*
55-64	10	0.3*	14	0.4*	11	0.3*	13	0.3*
65+	9	0.2*	13	0.3*	17	0.4*	21	0.5
UNKNOWN	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 and Rates by Race/Ethnicity, California, 2007 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET							
	2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	34	0.1	30	0.1	40	0.1
ASIAN/PACIFIC ISLANDER	2	0.0*	4	0.1*	2	0.0*	4	0.1*
BLACK, NOT HISPANIC	0	-	2	0.1*	0	-	1	0.0*
HISPANIC	2	0.0*	8	0.1*	2	0.0*	6	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	12	0.1*	13	0.1*	20	0.1	24	0.2
OTHER/UNKNOWN	5	-	7	-	6	-	5	-

Rates are expressed as cases per 100,000 population.

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

Reporting for Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies was required starting in 2007.

# Cryptosporidiosis

## Cryptosporidiosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	236	0.7	223	0.6	252	0.7	302	0.8	209	0.6	330	0.9	300	0.8	271	0.7	463	1.2	371	1.0
ALAMEDA COUNTY TOTAL	12	0.8*	9	0.6*	10	0.7*	5	0.3*	13	0.9*	17	1.2*	12	0.8*	16	1.1*	28	1.9	5	0.3*
ALAMEDA	12	0.9*	9	0.7*	8	0.6*	4	0.3*	11	0.8*	15	1.1*	12	0.9*	15	1.1*	24	1.7	5	0.4*
BERKELEY	0	-	0	-	2	1.9*	1	0.9*	2	1.9*	2	1.9*	0	-	1	0.9*	4	3.6*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	1	2.6*	0	-	0	-	0	-	1	2.6*
BUTTE	4	1.9*	0	-	1	0.5*	1	0.5*	4	1.9*	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.7*
CONTRA COSTA	1	0.1*	2	0.2*	4	0.4*	4	0.4*	10	1.0*	8	0.8*	5	0.5*	5	0.5*	5	0.5*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	8	28.0*	5	17.5*
EL DORADO	0	-	1	0.6*	0	-	0	-	1	0.6*	1	0.6*	2	1.1*	2	1.1*	5	2.8*	3	1.7*
FRESNO	1	0.1*	7	0.8*	18	2.1*	8	0.9*	7	0.8*	12	1.4*	12	1.3*	10	1.1*	11	1.2*	13	1.4*
GLENN	1	3.8*	1	3.7*	0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.8*	1	0.8*	1	0.8*	2	1.5*	5	3.8*	12	9.0*	7	5.3*	20	15.0	13	9.7*
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
INYO	0	-	0	-	4	21.6*	7	37.7*	1	5.4*	2	10.9*	4	21.7*	1	5.4*	3	16.3*	0	-
KERN	4	0.6*	3	0.4*	0	-	5	0.7*	1	0.1*	5	0.6*	10	1.2*	10	1.2*	3	0.4*	8	1.0*
KINGS	0	-	1	0.7*	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-
LASSEN	1	3.0*	1	3.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	86	0.9	72	0.7	75	0.8	61	0.6	52	0.5	57	0.6	54	0.6	50	0.5	55	0.6	72	0.7
LOS ANGELES	82	0.9	66	0.7	73	0.8	57	0.6	48	0.5	48	0.5	51	0.6	43	0.5	50	0.5	63	0.7
LONG BEACH	4	0.9*	6	1.3*	2	0.4*	4	0.8*	3	0.6*	9	1.9*	3	0.6*	7	1.5*	3	0.6*	8	1.7*
PASADENA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	2	1.5*	1	0.7*
MADERA	0	-	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	1	0.7*	0	-	1	0.7*
MARIN	1	0.4*	0	-	0	-	1	0.4*	0	-	3	1.2*	5	2.0*	5	2.0*	14	5.6*	6	2.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*
MERCED	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	1	0.4*	1	0.4*	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	7.1*	0	-
MONTEREY	0	-	1	0.2*	1	0.2*	1	0.2*	2	0.5*	2	0.5*	4	1.0*	2	0.5*	1	0.2*	0	-
NAPA	0	-	0	-	1	0.8*	1	0.8*	2	1.5*	0	-	1	0.8*	0	-	1	0.7*	2	1.5*
NEVADA	0	-	0	-	0	-	1	1.0*	1	1.0*	0	-	5	5.1*	1	1.0*	3	3.0*	0	-
ORANGE	4	0.1*	10	0.3*	19	0.6	13	0.4*	8	0.3*	16	0.5*	26	0.9	14	0.5*	18	0.6*	23	0.8
PLACER	0	-	1	0.4*	2	0.7*	7	2.3*	3	1.0*	4	1.2*	7	2.1*	5	1.5*	5	1.5*	3	0.9*
PLUMAS	0	-	1	4.8*	0	-	0	-	0	-	0	-	0	-	2	9.8*	0	-	0	-
RIVERSIDE	12	0.7*	6	0.4*	4	0.2*	3	0.2*	2	0.1*	5	0.2*	5	0.2*	6	0.3*	3	0.1*	7	0.3*
SACRAMENTO	6	0.5*	10	0.8*	7	0.5*	13	1.0*	8	0.6*	14	1.0*	4	0.3*	9	0.6*	15	1.1*	13	0.9*
SAN BENITO	0	-	1	1.8*	0	-	0	-	0	-	2	3.6*	0	-	0	-	1	1.8*	0	-
SAN BERNARDINO	4	0.2*	1	0.1*	13	0.7*	8	0.4*	4	0.2*	4	0.2*	4	0.2*	4	0.2*	8	0.4*	8	0.4*
SAN DIEGO	31	1.1	36	1.2	46	1.6	34	1.1	19	0.6	25	0.8	24	0.8	20	0.7	25	0.8	24	0.8
SAN FRANCISCO	38	4.9	27	3.4	12	1.5*	21	2.7	27	3.5	26	3.3	25	3.2	16	2.0*	22	2.7	14	1.7*
SAN JOAQUIN	1	0.2*	1	0.2*	3	0.5*	1	0.2*	2	0.3*	2	0.3*	6	0.9*	5	0.7*	1	0.1*	5	0.7*
SAN LUIS OBISPO	4	1.6*	4	1.6*	7	2.7*	54	20.9	7	2.7*	22	8.4	15	5.7*	9	3.4*	25	9.3	23	8.5
SAN MATEO	2	0.3*	12	1.7*	4	0.6*	11	1.6*	6	0.9*	14	2.0*	8	1.1*	16	2.2*	70	9.8	31	4.3
SANTA BARBARA	4	1.0*	1	0.2*	2	0.5*	13	3.2*	1	0.2*	9	2.2*	13	3.1*	11	2.6*	28	6.6	20	4.7
SANTA CLARA	7	0.4*	7	0.4*	4	0.2*	10	0.6*	11	0.6*	52	3.0	9	0.5*	18	1.0*	43	2.4	25	1.4
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	2	0.8*	4	1.6*	0	-	1	0.4*	9	3.4*	10	3.8*
SHASTA	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-	1	0.6*	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*	0	-	0	-	0	-	2	4.5*	3	6.7*	5	11.1*	4	8.9*
SOLANO	1	0.2*	1	0.2*	2	0.5*	6	1.5*	3	0.7*	6	1.5*	2	0.5*	2	0.5*	3	0.7*	3	0.7*
SONOMA	0	-	1	0.2*	0	-	2	0.4*	1	0.2*	2	0.4*	4	0.8*	2	0.4*	4	0.8*	5	1.0*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	3	0.6*	1	0.2*	2	0.4*	1	0.2*
SUTTER	3	3.7*	0	-	1	1.2*	0	-	0	-	1	1.1*	3	3.2*	0	-	0	-	2	2.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-	1	1.6*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.3*	3	0.8*	1	0.3*	2	0.5*	1	0.2*	0	-	4	0.9*	1	0.2*	4	0.9*	4	0.9*
TUOLUMNE	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	4	0.5*	1	0.1*	5	0.6*	3	0.4*	2	0.3*	3	0.4*	5	0.6*	3	0.4*	6	0.7*	2	0.2*
YOLO	1	0.6*	0	-	3	1.6*	3	1.6*	3	1.6*	3	1.6*	2	1.0*	11	5.6*	5	2.5*	5	2.5*
YUBA	1	1.6*	0	-	1	1.6*	0	-	1	1.5*	0	-	0	-	0	-	1	1.4*	0	-

Rates are expressed as cases per 100,000 population.

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



### Cryptosporidiosis

Cryptosporidiosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	236	223	252	302	209	330	300	271	463	371
JANUARY	20	24	19	29	19	24	20	18	23	23
FEBRUARY	12	10	13	19	14	15	18	10	20	20
MARCH	25	13	14	12	12	20	23	14	22	29
APRIL	16	14	14	18	13	21	16	23	43	26
MAY	20	17	23	14	18	16	17	16	34	32
JUNE	14	13	24	15	12	17	18	25	39	40
JULY	24	21	16	22	20	27	23	37	53	37
AUGUST	25	26	50	69	19	80	48	35	60	46
SEPTEMBER	25	22	30	50	30	53	54	23	53	34
OCTOBER	18	27	21	18	17	18	30	20	49	34
NOVEMBER	16	20	13	17	14	22	16	24	40	31
DECEMBER	21	16	15	19	21	17	17	26	27	19

Cryptosporidiosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	236	0.7	223	0.6	252	0.7	302	0.8	209	0.6	330	0.9	300	0.8	271	0.7	463	1.2	371	1.0
0	2	0.4*	2	0.4*	2	0.4*	2	0.4*	3	0.6*	3	0.6*	1	0.2*	0	-	6	1.2*	4	0.8*
1-4	14	0.7*	25	1.3	29	1.4	30	1.5	13	0.6*	41	2.0	38	1.9	21	1.0	28	1.4	18	0.9*
5-9	6	0.2*	9	0.3*	11	0.4*	31	1.2	12	0.5*	21	0.8	12	0.5*	20	0.8	12	0.5*	16	0.6*
10-14	7	0.3*	4	0.1*	6	0.2*	18	0.6*	9	0.3*	20	0.7	25	0.9	13	0.5*	17	0.7*	11	0.4*
15-24	18	0.4*	7	0.1*	22	0.4	39	0.7	18	0.3*	27	0.5	33	0.6	31	0.6	51	0.9	39	0.7
25-34	52	1.0	39	0.7	42	0.8	35	0.7	35	0.7	46	0.9	43	0.8	54	1.0	68	1.3	63	1.2
35-44	92	1.7	85	1.5	78	1.4	75	1.4	64	1.2	84	1.5	56	1.0	58	1.1	89	1.7	53	1.0
45-54	29	0.6	33	0.7	38	0.8	44	0.9	32	0.6	44	0.9	39	0.8	41	0.8	52	1.0	59	1.1
55-64	5	0.2*	12	0.4*	14	0.5*	16	0.5*	9	0.3*	24	0.7	23	0.6	15	0.4*	65	1.6	44	1.1
65+	11	0.3*	6	0.2*	10	0.3*	11	0.3*	12	0.3*	20	0.5	30	0.8	17	0.4*	71	1.7	61	1.4
UNKNOWN	0	-	1	-	0	-	1	-	2	-	0	-	0	-	1	-	4	-	3	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Cryptosporidiosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	236	0.7	223	0.6	252	0.7	302	0.8	209	0.6	330	0.9	300	0.8	271	0.7	463	1.2	371	1.0
ASIAN/PACIFIC ISLANDER	3	0.1*	1	0.0*	3	0.1*	4	0.1*	4	0.1*	7	0.2*	4	0.1*	10	0.2*	5	0.1*	6	0.1*
BLACK, NOT HISPANIC	9	0.4*	13	0.6*	16	0.7*	16	0.7*	16	0.7*	21	0.9	13	0.6*	7	0.3*	15	0.7*	19	0.9
HISPANIC	40	0.3	37	0.3	62	0.5	51	0.4	42	0.3	63	0.5	57	0.4	52	0.4	50	0.4	54	0.4
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-	2	1.2*	1	0.6*	0	-	0	-	0	-	0	-	1	0.6*
WHITE, NOT HISPANIC	74	0.5	89	0.6	72	0.5	119	0.8	62	0.4	101	0.6	118	0.8	75	0.5	126	0.8	134	0.9
OTHER/UNKNOWN	109	-	83	-	99	-	110	-	84	-	138	-	108	-	127	-	267	-	157	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Cysticercosis or Taeniasis**

Cysticercosis or Taeniasis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	88	0.3	79	0.2	48	0.1	58	0.2	63	0.2	51	0.1	43	0.1	37	0.1	37	0.1	39	0.1
ALAMEDA COUNTY TOTAL	2	0.1*	2	0.1*	0	-	1	0.1*	2	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
ALAMEDA	2	0.1*	2	0.1*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-	0	-	1	0.9*	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	2	9.9*	1	4.9*	1	4.8*	1	4.7*	1	4.7*	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	2	0.2*	1	0.1*	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
GLENN	0	-	0	-	0	-	1	3.7*	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	3	8.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	41	0.4	25	0.3	13	0.1*	10	0.1*	17	0.2*	16	0.2*	9	0.1*	10	0.1*	12	0.1*	6	0.1*
LOS ANGELES	38	0.4	25	0.3	11	0.1*	10	0.1*	16	0.2*	16	0.2*	9	0.1*	9	0.1*	12	0.1*	6	0.1*
LONG BEACH	2	0.4*	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-
PASADENA	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	4	0.7*	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	1	0.4*	1	0.4*	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	2	0.5*	2	0.5*	1	0.2*	3	0.7*	2	0.5*	1	0.2*	1	0.2*	0	-	2	0.5*
NAPA	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	21	0.7	14	0.5*	9	0.3*	12	0.4*	10	0.3*	6	0.2*	6	0.2*	5	0.2*	7	0.2*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.3*	2	0.1*	0	-	1	0.1*	1	0.1*	2	0.1*	2	0.1*	0	-	1	0.0*	2	0.1*
SACRAMENTO	2	0.2*	2	0.2*	1	0.1*	3	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-	0	-
SAN BERNARDINO	7	0.4*	1	0.1*	0	-	4	0.2*	11	0.6*	3	0.2*	2	0.1*	5	0.2*	1	0.0*	2	0.1*
SAN DIEGO	6	0.2*	6	0.2*	3	0.1*	5	0.2*	2	0.1*	2	0.1*	5	0.2*	3	0.1*	7	0.2*	5	0.2*
SAN FRANCISCO	3	0.4*	0	-	1	0.1*	2	0.3*	1	0.1*	1	0.1*	1	0.1*	0	-	2	0.2*	3	0.4*
SAN JOAQUIN	1	0.2*	2	0.3*	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-	2	0.3*	1	0.1*
SAN LUIS OBISPO	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SAN MATEO	1	0.1*	1	0.1*	0	-	2	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	3	0.7*	2	0.5*	1	0.2*	2	0.5*	0	-	0	-	1	0.2*
SANTA CLARA	6	0.4*	2	0.1*	0	-	2	0.1*	1	0.1*	0	-	2	0.1*	0	-	0	-	1	0.1*
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	1	0.4*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	2	0.4*	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-
STANISLAUS	1	0.2*	2	0.4*	0	-	0	-	0	-	1	0.2*	4	0.8*	2	0.4*	1	0.2*	2	0.4*
SUTTER	1	1.2*	1	1.2*	1	1.2*	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.3*	3	0.8*	3	0.8*	3	0.8*	3	0.7*	3	0.7*	4	0.9*	0	-	0	-	1	0.2*
TUOLUMNE	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.3*	2	0.3*	2	0.3*	2	0.3*	1	0.1*	0	-	0	-	2	0.2*	0	-	2	0.2*
YOLO	0	-	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	2	3.1*	0	-	0	-	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

Cysticercosis or Taeniasis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	88	79	48	58	63	51	43	37	37	39	
JANUARY	6	6	4	9	4	4	3	3	1	8	
FEBRUARY	9	5	8	7	10	2	2	4	3	2	
MARCH	9	14	7	3	6	8	4	1	4	5	
APRIL	7	7	5	5	3	9	5	4	6	4	
MAY	12	4	1	3	8	7	3	4	3	2	
JUNE	6	5	3	4	2	1	4	4	2	3	
JULY	6	6	1	7	5	5	0	6	2	8	
AUGUST	8	13	4	7	6	4	2	1	4	2	
SEPTEMBER	4	3	3	5	7	1	4	3	3	1	
OCTOBER	9	7	4	2	7	3	5	4	4	2	
NOVEMBER	8	6	4	2	3	4	4	1	3	2	
DECEMBER	4	3	4	4	2	3	7	2	2	0	

Cysticercosis or Taeniasis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	88	0.3	79	0.2	48	0.1	58	0.2	63	0.2	51	0.1	43	0.1	37	0.1	37	0.1	39	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	2	0.1*	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
5-9	2	0.1*	5	0.2*	3	0.1*	3	0.1*	1	0.0*	0	-	1	0.0*	0	-	2	0.1*	0	-
10-14	2	0.1*	5	0.2*	2	0.1*	1	0.0*	0	-	2	0.1*	0	-	2	0.1*	0	-	2	0.1*
15-24	20	0.4	14	0.3*	10	0.2*	13	0.2*	8	0.1*	17	0.3*	3	0.1*	7	0.1*	3	0.1*	5	0.1*
25-34	19	0.4	29	0.6	12	0.2*	13	0.3*	20	0.4	13	0.3*	16	0.3*	12	0.2*	12	0.2*	9	0.2*
35-44	17	0.3*	17	0.3*	10	0.2*	14	0.3*	16	0.3*	8	0.1*	9	0.2*	8	0.1*	9	0.2*	4	0.1*
45-54	16	0.4*	3	0.1*	6	0.1*	7	0.1*	8	0.2*	2	0.0*	7	0.1*	2	0.0*	8	0.2*	8	0.2*
55-64	7	0.3*	3	0.1*	4	0.1*	4	0.1*	5	0.2*	8	0.2*	2	0.1*	2	0.1*	1	0.0*	7	0.2*
65+	5	0.1*	1	0.0*	1	0.0*	2	0.1*	5	0.1*	0	-	5	0.1*	4	0.1*	1	0.0*	4	0.1*
UNKNOWN	0	-	0	-	0	-	1	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	88	0.3	79	0.2	48	0.1	58	0.2	63	0.2	51	0.1	43	0.1	37	0.1	37	0.1	39	0.1
ASIAN/PACIFIC ISLANDER	1	0.0*	2	0.0*	1	0.0*	2	0.0*	5	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	3	0.1*
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	3	0.1*
HISPANIC	63	0.5	61	0.5	35	0.3	47	0.4	47	0.4	44	0.3	31	0.2	33	0.2	28	0.2	24	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	8	0.1*	4	0.0*	6	0.0*	2	0.0*	2	0.0*	2	0.0*	5	0.0*	1	0.0*	3	0.0*	2	0.0*
OTHER/UNKNOWN	16	-	12	-	6	-	7	-	8	-	3	-	5	-	3	-	5	-	7	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Dengue

Dengue, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	26	0.1	2	0.0*	7	0.0*	1	0.0*	11	0.0*	9	0.0*	10	0.0*	8	0.0*	36	0.1	78	0.2
ALAMEDA COUNTY TOTAL	3	0.2*	1	0.1*	0	-	1	0.1*	0	-	2	0.1*	0	-	0	-	0	-	1	0.1*
ALAMEDA	2	0.1*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
BERKELEY	1	1.0*	0	-	0	-	0	-	0	-	1	0.9*	0	-	0	-	0	-	1	0.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.6*
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.7*
CONTRA COSTA	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	5	0.1*	1	0.0*	1	0.0*	0	-	3	0.0*	3	0.0*	1	0.0*	1	0.0*	3	0.0*	32	0.3
LOS ANGELES	5	0.1*	1	0.0*	0	-	0	-	1	0.0*	2	0.0*	1	0.0*	0	-	2	0.0*	32	0.3
LONG BEACH	0	-	0	-	0	-	0	-	2	0.4*	0	-	0	-	1	0.2*	1	0.2*	0	-
PASADENA	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	3	0.7*	0	-	1	0.2*	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.0*
ORANGE	3	0.1*	0	-	3	0.1*	0	-	1	0.0*	1	0.0*	3	0.1*	2	0.1*	4	0.1*	5	0.2*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.6*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.1*	0	-	1	0.1*	0	-	0	-	1	0.0*	0	-	0	-	2	0.1*	2	0.1*
SACRAMENTO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.0*	1	0.0*	0	-
SAN DIEGO	2	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	5	0.2*	8	0.3*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	3	0.4*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*
SAN MATEO	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	1	0.1*	3	0.4*	3	0.4*
SANTA BARBARA	6	1.5*	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-
SANTA CLARA	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	9	0.5*	8	0.4*
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SONOMA	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	2	0.4*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.5*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

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

## Dengue

Dengue, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	26	2	7	1	11	9	10	8	36	78
JANUARY	0	0	0	0	2	2	0	1	6	3
FEBRUARY	1	1	1	0	0	0	1	0	0	2
MARCH	1	0	2	0	0	0	0	1	2	3
APRIL	2	0	0	0	1	0	1	0	1	1
MAY	4	0	0	0	3	0	1	0	2	2
JUNE	2	0	1	0	0	0	1	0	1	5
JULY	2	0	0	0	3	3	0	0	0	23
AUGUST	5	0	0	0	1	0	1	2	4	14
SEPTEMBER	6	1	0	0	1	0	0	1	6	11
OCTOBER	0	0	1	1	0	2	1	2	7	5
NOVEMBER	3	0	1	0	0	1	3	0	4	6
DECEMBER	0	0	1	0	0	1	1	1	3	3

Dengue, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	26	0.1	2	0.0*	7	0.0*	1	0.0*	11	0.0*	9	0.0*	10	0.0*	8	0.0*	36	0.1	78	0.2
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
10-14	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	3	0.1*
15-24	4	0.1*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	4	0.1*	14	0.3*
25-34	9	0.2*	0	-	3	0.1*	1	0.0*	3	0.1*	5	0.1*	2	0.0*	2	0.0*	4	0.1*	10	0.2*
35-44	5	0.1*	0	-	1	0.0*	0	-	2	0.0*	0	-	0	-	4	0.1*	6	0.1*	10	0.2*
45-54	4	0.1*	1	0.0*	0	-	0	-	1	0.0*	2	0.0*	6	0.1*	1	0.0*	7	0.1*	19	0.4
55-64	3	0.1*	0	-	2	0.1*	0	-	2	0.1*	2	0.1*	2	0.1*	0	-	9	0.2*	16	0.4*
65+	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	6	0.1*	3	0.1*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Dengue, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	26	0.1	2	0.0*	7	0.0*	1	0.0*	11	0.0*	9	0.0*	10	0.0*	8	0.0*	36	0.1	78	0.2
ASIAN/PACIFIC ISLANDER	4	0.1*	0	-	3	0.1*	0	-	1	0.0*	3	0.1*	1	0.0*	6	0.1*	5	0.1*	14	0.3*
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
HISPANIC	5	0.0*	0	-	0	-	1	0.0*	4	0.0*	1	0.0*	3	0.0*	0	-	8	0.1*	18	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
WHITE, NOT HISPANIC	8	0.1*	1	0.0*	2	0.0*	0	-	3	0.0*	4	0.0*	3	0.0*	1	0.0*	7	0.0*	15	0.1*
OTHER/UNKNOWN	9	-	1	-	2	-	0	-	3	-	1	-	3	-	1	-	16	-	29	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

## **Domoic Acid Poisoning**

**No cases of Domoic Acid Poisoning were reported to CDPH with illness onset during 2001-2010**

**E. coli O157**

**E. coli O157, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	256	0.7	302	0.9	273	0.8	231	0.6	187	0.5	261	0.7	286	0.8	262	0.7	258	0.7	221	0.6
ALAMEDA COUNTY TOTAL	15	1.0*	23	1.6	11	0.7*	12	0.8*	15	1.0*	20	1.4	23	1.6	19	1.3	17	1.1*	14	0.9*
ALAMEDA	14	1.0*	22	1.6	11	0.8*	11	0.8*	15	1.1*	19	1.4	23	1.7	17	1.2*	16	1.1*	11	0.8*
BERKELEY	1	1.0*	1	1.0*	0	-	1	0.9*	0	-	1	0.9*	0	-	2	1.8*	1	0.9*	3	2.7*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	1	2.7*	2	5.3*	2	5.3*	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	5	2.4*	1	0.5*	0	-	0	-	2	0.9*	0	-	6	2.7*	1	0.5*	3	1.4*
CALAVERAS	0	-	4	9.5*	0	-	6	13.7*	5	11.2*	2	4.4*	0	-	0	-	1	2.2*	1	2.2*
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	4.7*	1	4.7*
CONTRA COSTA	17	1.8*	11	1.1*	8	0.8*	10	1.0*	8	0.8*	14	1.4*	9	0.9*	10	1.0*	14	1.3*	8	0.8*
DEL NORTE	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	2	1.2*	3	1.8*	5	2.9*	2	1.2*	0	-	1	0.6*	3	1.7*	2	1.1*	1	0.6*
FRESNO	10	1.2*	20	2.4	6	0.7*	12	1.4*	12	1.4*	2	0.2*	41	4.6	13	1.4*	11	1.2*	8	0.9*
GLENN	0	-	0	-	1	3.7*	0	-	0	-	0	-	0	-	1	3.6*	3	10.7*	0	-
HUMBOLDT	2	1.6*	4	3.1*	3	2.3*	4	3.0*	2	1.5*	1	0.8*	1	0.8*	6	4.5*	8	6.0*	1	0.7*
IMPERIAL	3	2.1*	1	0.7*	1	0.7*	1	0.6*	1	0.6*	0	-	0	-	2	1.2*	1	0.6*	1	0.6*
INYO	0	-	0	-	2	10.8*	1	5.4*	0	-	0	-	0	-	0	-	0	-	0	-
KERN	2	0.3*	0	-	0	-	2	0.3*	1	0.1*	2	0.3*	3	0.4*	3	0.4*	5	0.6*	3	0.4*
KINGS	0	-	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	3	2.0*	0	-	1	0.7*
LAKE	0	-	0	-	0	-	0	-	0	-	1	1.6*	1	1.6*	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	32	0.3	36	0.4	27	0.3	21	0.2	15	0.2*	14	0.1*	14	0.1*	19	0.2	22	0.2	16	0.2*
LOS ANGELES	31	0.3	30	0.3	27	0.3	18	0.2*	13	0.1*	12	0.1*	13	0.1*	17	0.2*	19	0.2	16	0.2*
LONG BEACH	1	0.2*	2	0.4*	0	-	2	0.4*	2	0.4*	1	0.2*	1	0.2*	2	0.4*	2	0.4*	0	-
PASADENA	0	-	4	2.9*	0	-	1	0.7*	0	-	1	0.7*	0	-	0	-	1	0.7*	0	-
MADERA	3	2.4*	1	0.8*	0	-	2	1.5*	0	-	0	-	6	4.1*	3	2.0*	1	0.7*	1	0.7*
MARIN	5	2.0*	5	2.0*	1	0.4*	7	2.8*	3	1.2*	10	4.0*	3	1.2*	2	0.8*	1	0.4*	7	2.8*
MARIPOSA	0	-	1	5.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*	1	1.1*	3	3.4*	1	1.1*	0	-	3	3.4*	2	2.3*	1	1.1*
MERCED	2	0.9*	3	1.3*	4	1.7*	4	1.7*	4	1.7*	5	2.0*	2	0.8*	9	3.6*	3	1.2*	2	0.8*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	7.5*	0	-	0	-	1	7.2*	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	1	0.2*	2	0.5*	0	-	1	0.2*	4	1.0*	2	0.5*	8	1.9*	2	0.5*
NAPA	0	-	1	0.8*	3	2.3*	0	-	0	-	5	3.8*	4	3.0*	2	1.5*	1	0.7*	3	2.2*
NEVADA	4	4.3*	3	3.2*	1	1.0*	4	4.1*	1	1.0*	8	8.1*	1	1.0*	2	2.0*	4	4.1*	1	1.0*
ORANGE	12	0.4*	17	0.6*	25	0.9	16	0.5*	8	0.3*	11	0.4*	36	1.2	17	0.6*	14	0.5*	13	0.4*
PLACER	5	1.9*	2	0.7*	4	1.4*	5	1.7*	4	1.3*	4	1.2*	6	1.8*	6	1.8*	8	2.3*	2	0.6*
PLUMAS	0	-	0	-	0	-	0	-	0	-	1	4.8*	0	-	0	-	0	-	1	5.0*
RIVERSIDE	1	0.1*	3	0.2*	7	0.4*	2	0.1*	5	0.3*	8	0.4*	6	0.3*	12	0.6*	7	0.3*	4	0.2*
SACRAMENTO	9	0.7*	14	1.1*	6	0.5*	17	1.3*	4	0.3*	12	0.9*	14	1.0*	19	1.4	7	0.5*	10	0.7*
SAN BENITO	4	7.3*	1	1.8*	2	3.6*	0	-	0	-	0	-	1	1.8*	1	1.8*	2	3.6*	0	-
SAN BERNARDINO	10	0.6*	8	0.4*	14	0.8*	6	0.3*	3	0.2*	6	0.3*	2	0.1*	4	0.2*	7	0.3*	9	0.4*
SAN DIEGO	23	0.8	22	0.8	40	1.4	13	0.4*	15	0.5*	11	0.4*	14	0.5*	8	0.3*	17	0.6*	19	0.6
SAN FRANCISCO	8	1.0*	18	2.3*	20	2.6	4	0.5*	7	0.9*	9	1.1*	10	1.3*	8	1.0*	7	0.9*	5	0.6*
SAN JOAQUIN	5	0.8*	19	3.1	14	2.3*	11	1.7*	9	1.4*	20	3.0	8	1.2*	8	1.2*	11	1.6*	13	1.9*
SAN LUIS OBISPO	2	0.8*	3	1.2*	1	0.4*	3	1.2*	7	2.7*	0	-	4	1.5*	1	0.4*	6	2.2*	7	2.6*
SAN MATEO	3	0.4*	12	1.7*	19	2.7	7	1.0*	9	1.3*	12	1.7*	9	1.3*	14	2.0*	8	1.1*	8	1.1*
SANTA BARBARA	11	2.7*	3	0.7*	0	-	0	-	2	0.5*	1	0.2*	1	0.2*	3	0.7*	1	0.2*	2	0.5*
SANTA CLARA	22	1.3	19	1.1	12	0.7*	18	1.1*	7	0.4*	22	1.3	22	1.3	15	0.9*	11	0.6*	12	0.7*
SANTA CRUZ	5	2.0*	1	0.4*	4	1.6*	5	2.0*	5	2.0*	4	1.6*	2	0.8*	2	0.8*	4	1.5*	4	1.5*
SHASTA	1	0.6*	0	-	2	1.2*	5	2.9*	1	0.6*	2	1.1*	1	0.6*	1	0.6*	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	1	29.2*	1	29.9*	0	-	0	-	1	31.0*
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-	1	2.2*	2	4.5*
SOLANO	2	0.5*	1	0.2*	1	0.2*	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*	2	0.5*	4	1.0*
SONOMA	14	3.0*	8	1.7*	9	1.9*	4	0.9*	10	2.1*	18	3.8*	7	1.5*	4	0.8*	10	2.1*	6	1.2*
STANISLAUS	11	2.4*	10	2.1*	5	1.0*	3	0.6*	9	1.8*	9	1.8*	8	1.6*	11	2.2*	14	2.7*	7	1.4*
SUTTER	0	-	1	1.2*	1	1.2*	1	1.2*	0	-	2	2.2*	2	2.2*	3	3.2*	0	-	2	2.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-	2	3.2*	2	3.2*	0	-	0	-	2	3.2*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	2	0.5*	7	1.8*	3	0.8*	2	0.5*	4	1.0*	9	2.2*	7	1.7*	10	2.3*	5	1.1*	6	1.4*
TUOLUMNE	1	1.8*	2	3.6*	0	-	2	3.5*	1	1.8*	2	3.5*	0	-	0	-	0	-	1	1.8*
VENTURA	4	0.5*	6	0.8*	6	0.8*	8	1.0*	1	0.1*	4	0.5*	3	0.4*	4	0.5*	8	1.0*	3	0.4*
YOLO	4	2.3*	1	0.6*	3	1.6*	2	1.1*	1	0.5*	0	-	3	1.5*	1	0.5*	1	0.5*	1	0.5*
YUBA	0	-	1	1.6*	0	-	0	-	0	-	0	-	1	1.4*	1	1.4*	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.  
\*Potentially unreliable rate, relative standard error 23 percent or more

**E. coli O157**

**E. coli O157, Cases by Month of Estimated Illness Onset, California, 2001 to 2010**

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	256	302	273	231	187	261	286	262	258	221	
JANUARY	15	6	5	5	7	9	6	8	16	6	
FEBRUARY	10	7	8	3	5	5	8	7	7	7	
MARCH	7	6	10	6	9	10	24	10	14	12	
APRIL	8	21	10	5	4	12	16	10	8	10	
MAY	17	33	6	23	12	18	57	22	21	10	
JUNE	30	24	12	23	16	28	28	20	30	26	
JULY	41	42	26	27	30	46	30	34	30	35	
AUGUST	35	43	57	43	22	40	31	27	44	26	
SEPTEMBER	34	45	31	40	23	39	36	46	33	25	
OCTOBER	29	29	86	32	33	31	25	39	26	23	
NOVEMBER	18	23	17	16	16	19	16	21	21	26	
DECEMBER	12	23	5	8	10	4	9	18	8	15	

**E. coli O157, Cases and Rates by Age Group, California, 2001 to 2010**

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	256	0.7	302	0.9	273	0.8	231	0.6	187	0.5	261	0.7	286	0.8	262	0.7	258	0.7	221	0.6
0	2	0.4*	6	1.2*	4	0.8*	5	1.0*	1	0.2*	1	0.2*	1	0.2*	2	0.4*	6	1.2*	1	0.2*
1-4	70	3.6	74	3.7	57	2.8	51	2.5	62	3.0	78	3.8	87	4.2	86	4.2	72	3.5	75	3.7
5-9	47	1.7	66	2.5	40	1.5	42	1.6	26	1.0	37	1.4	44	1.7	39	1.5	35	1.4	33	1.3
10-14	28	1.0	26	0.9	26	0.9	33	1.2	25	0.9	31	1.1	41	1.5	22	0.8	28	1.1	20	0.8
15-24	28	0.6	48	0.9	33	0.6	35	0.7	24	0.4	50	0.9	36	0.7	31	0.6	41	0.7	35	0.6
25-34	14	0.3*	8	0.2*	15	0.3*	8	0.2*	8	0.2*	15	0.3*	12	0.2*	16	0.3*	17	0.3*	18	0.3*
35-44	13	0.2*	5	0.1*	16	0.3*	11	0.2*	6	0.1*	16	0.3*	18	0.3*	8	0.1*	7	0.1*	8	0.2*
45-54	15	0.3*	26	0.6	21	0.4	7	0.1*	9	0.2*	15	0.3*	14	0.3*	15	0.3*	12	0.2*	11	0.2*
55-64	17	0.6*	12	0.4*	14	0.5*	14	0.4*	9	0.3*	8	0.2*	15	0.4*	17	0.5*	13	0.3*	5	0.1*
65+	21	0.6	30	0.8	47	1.3	25	0.7	17	0.4*	10	0.3*	17	0.4*	26	0.6	27	0.6	14	0.3*
UNKNOWN	1	.	1	.	0	.	0	.	0	.	0	.	1	.	0	.	0	.	1	.

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**E. coli O157, Cases and Rates by Race/Ethnicity, California, 2001 to 2010**

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	256	0.7	302	0.9	273	0.8	231	0.6	187	0.5	261	0.7	286	0.8	262	0.7	258	0.7	221	0.6
ASIAN/PACIFIC ISLANDER	7	0.2*	18	0.4*	15	0.3*	16	0.4*	6	0.1*	11	0.2*	26	0.6	16	0.3*	17	0.4*	19	0.4
BLACK, NOT HISPANIC	15	0.7*	11	0.5*	5	0.2*	6	0.3*	5	0.2*	11	0.5*	11	0.5*	6	0.3*	8	0.4*	6	0.3*
HISPANIC	46	0.4	49	0.4	37	0.3	25	0.2	28	0.2	45	0.3	44	0.3	55	0.4	54	0.4	48	0.3
AMERICAN INDIAN/ALASKAN NATIVE	3	1.7*	2	1.1*	1	0.6*	0	.	1	0.6*	0	.	0	.	0	.	0	.	4	2.4*
WHITE, NOT HISPANIC	122	0.8	157	1.0	156	1.0	108	0.7	97	0.6	126	0.8	140	0.9	123	0.8	114	0.7	92	0.6
OTHER/UNKNOWN	63	.	65	.	59	.	76	.	50	.	68	.	65	.	62	.	65	.	52	.

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)**

**E. coli Other STEC (non-O157), Cases and Rates by Health Jurisdiction, California, 2006 to 2010**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET											
	2006		2007		2008		2009		2010			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	38	0.1	38	0.1	36	0.1	44	0.1	110	0.3		
ALAMEDA COUNTY TOTAL	5	0.3*	0	-	1	0.1*	3	0.2*	4	0.3*		
ALAMEDA	2	0.1*	0	-	1	0.1*	2	0.1*	4	0.3*		
BERKELEY	3	2.8*	0	-	0	-	1	0.9*	0	-		
ALPINE	0	-	0	-	0	-	0	-	0	-		
AMADOR	0	-	0	-	0	-	0	-	1	2.6*		
BUTTE	2	0.9*	0	-	0	-	0	-	0	-		
CALAVERAS	0	-	0	-	0	-	0	-	0	-		
COLUSA	0	-	0	-	0	-	0	-	0	-		
CONTRA COSTA	0	-	0	-	0	-	0	-	4	0.4*		
DEL NORTE	0	-	0	-	0	-	0	-	0	-		
EL DORADO	0	-	0	-	0	-	0	-	0	-		
FRESNO	1	0.1*	5	0.6*	8	0.9*	4	0.4*	6	0.6*		
GLENN	0	-	0	-	0	-	0	-	0	-		
HUMBOLDT	1	0.8*	0	-	0	-	0	-	0	-		
IMPERIAL	1	0.6*	0	-	0	-	0	-	1	0.6*		
INYO	0	-	0	-	0	-	0	-	0	-		
KERN	1	0.1*	1	0.1*	1	0.1*	1	0.1*	6	0.7*		
KINGS	0	-	0	-	0	-	0	-	0	-		
LAKE	0	-	0	-	0	-	0	-	0	-		
LASSEN	0	-	0	-	0	-	0	-	0	-		
LOS ANGELES COUNTY TOTAL	7	0.1*	12	0.1*	10	0.1*	21	0.2	35	0.4		
LOS ANGELES	7	0.1*	11	0.1*	10	0.1*	20	0.2	35	0.4		
LONG BEACH	0	-	0	-	0	-	1	0.2*	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	-	2	0.8*	0	-	1	0.4*		
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	-	5	0.2*	0	-	4	0.1*	5	0.2*		
PLACER	0	-	0	-	0	-	0	-	0	-		
PLUMAS	0	-	0	-	0	-	0	-	0	-		
RIVERSIDE	4	0.2*	0	-	2	0.1*	1	0.0*	2	0.1*		
SACRAMENTO	0	-	0	-	0	-	0	-	1	0.1*		
SAN BENITO	0	-	0	-	0	-	0	-	0	-		
SAN BERNARDINO	0	-	0	-	0	-	0	-	3	0.1*		
SAN DIEGO	0	-	6	0.2*	1	0.0*	4	0.1*	13	0.4*		
SAN FRANCISCO	2	0.3*	0	-	0	-	0	-	1	0.1*		
SAN JOAQUIN	0	-	0	-	1	0.1*	0	-	0	-		
SAN LUIS OBISPO	7	2.7*	3	1.1*	3	1.1*	3	1.1*	8	3.0*		
SAN MATEO	3	0.4*	0	-	0	-	0	-	5	-		
SANTA BARBARA	0	-	4	1.0*	1	0.2*	0	-	0	-		
SANTA CLARA	0	-	1	0.1*	0	-	2	0.1*	4	0.2*		
SANTA CRUZ	0	-	0	-	0	-	0	-	4	1.5*		
SHASTA	1	0.6*	1	0.6*	0	-	0	-	0	-		
SIERRA	0	-	0	-	0	-	0	-	0	-		
SISKIYOU	0	-	0	-	1	2.2*	0	-	1	2.2*		
SOLANO	0	-	0	-	0	-	0	-	0	-		
SONOMA	2	0.4*	0	-	0	-	0	-	1	-		
STANISLAUS	0	-	0	-	2	0.4*	0	-	0	-		
SUTTER	0	-	0	-	0	-	0	-	0	-		
TEHAMA	0	-	0	-	0	-	0	-	0	-		
TRINITY	0	-	0	-	0	-	0	-	1	-		
TULARE	0	-	0	-	0	-	1	0.2*	0	-		
TUOLUMNE	0	-	0	-	0	-	0	-	0	-		
VENTURA	0	-	0	-	3	0.4*	0	-	3	0.4*		
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

Reporting for E. coli Other STEC (non-O157) was required starting in 2006.

### E. coli Other STEC (non-O157)

E. coli Other STEC (non-O157), Cases by Month of Estimated Onset, California, 2006 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET				
	2006	2007	2008	2009	2010
TOTAL	38	38	36	44	110
JANUARY	2	3	0	3	5
FEBRUARY	1	0	2	2	7
MARCH	1	2	2	4	4
APRIL	1	2	7	4	8
MAY	2	7	8	3	4
JUNE	5	6	0	5	16
JULY	2	4	2	4	16
AUGUST	7	6	2	6	17
SEPTEMBER	6	1	4	3	14
OCTOBER	3	3	6	5	13
NOVEMBER	0	2	3	4	2
DECEMBER	8	2	0	1	4

E. coli Other STEC (non-O157), Cases and Rates by Age Group, California, 2006 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET									
	2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	38	0.1	38	0.1	36	0.1	44	0.1	110	0.3
0	0	-	4	0.8*	1	0.2*	0	-	7	1.4*
1-4	15	0.7*	18	0.9*	9	0.4*	20	1.0	48	2.4
5-9	1	0.0*	1	0.0*	3	0.1*	3	0.1*	3	0.1*
10-14	4	0.1*	2	0.1*	5	0.2*	2	0.1*	10	0.4*
15-24	2	0.0*	4	0.1*	9	0.2*	5	0.1*	13	0.2*
25-34	4	0.1*	2	0.0*	2	0.0*	5	0.1*	6	0.1*
35-44	2	0.0*	2	0.0*	0	-	1	0.0*	4	0.1*
45-54	3	0.1*	1	0.0*	2	0.0*	2	0.0*	9	0.2*
55-64	3	0.1*	1	0.0*	0	-	2	0.1*	5	0.1*
65+	4	0.1*	3	0.1*	5	0.1*	4	0.1*	5	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

E. coli Other STEC (non-O157), Cases and Rates by Race/Ethnicity, California, 2006 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET									
	2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	38	0.1	38	0.1	36	0.1	44	0.1	110	0.3
ASIAN/PACIFIC ISLANDER	1	0.0*	1	0.0*	2	0.0*	4	0.1*	4	0.1*
BLACK, NOT HISPANIC	0	-	0	-	2	0.1*	0	-	1	0.0*
HISPANIC	8	0.1*	18	0.1*	14	0.1*	13	0.1*	49	0.3
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	18	0.1*	11	0.1*	16	0.1*	20	0.1	34	0.2
OTHER/UNKNOWN	10	-	8	-	2	-	7	-	22	-

Rates are expressed as cases per 100,000 population.

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

Reporting for E. coli Other STEC (non-O157) was required starting in 2006.

**Giardiasis**

**Giardiasis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2,966	8.6	2,467	7.1	2,187	6.2	2,223	6.2	2,383	6.6	2,314	6.4	2,279	6.2	1,954	5.3	1,791	4.8	1,777	4.8
ALAMEDA COUNTY TOTAL	176	12.0	151	10.3	97	6.6	80	5.5	132	9.0	122	8.3	99	6.7	92	6.2	95	6.3	114	7.5
ALAMEDA	166	12.2	139	10.2	93	6.8	72	5.3	113	8.3	109	8.0	86	6.3	83	6.0	81	5.8	99	7.1
BERKELEY	10	9.6*	12	11.4*	4	3.8*	8	7.6*	19	18.0	13	12.1*	13	11.9*	9	8.2*	14	12.6*	15	13.3*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	2	5.6*	1	2.7*	2	5.4*	2	5.4*	3	8.0*	1	2.6*	2	5.3*	3	7.9*	1	2.6*	0	-
BUTTE	25	12.2	20	9.6	20	9.5	13	6.1*	61	28.5	35	16.2	20	9.2	11	5.0*	12	5.5*	10	4.5*
CALAVERAS	7	16.9*	3	7.1*	6	13.9*	10	22.8*	9	20.1*	0	-	3	6.6*	2	4.4*	3	6.6*	0	-
COLUSA	1	5.2*	0	-	0	-	0	-	1	4.9*	0	-	0	-	0	-	1	4.7*	0	-
CONTRA COSTA	103	10.6	54	5.5	57	5.8	59	5.9	69	6.9	59	5.8	70	6.9	59	5.7	56	5.4	41	3.9
DEL NORTE	0	-	0	-	1	3.6*	1	3.5*	0	-	1	3.5*	2	7.0*	1	3.5*	6	21.0*	1	3.5*
EL DORADO	13	8.0*	10	6.1*	7	4.2*	15	8.8*	5	2.9*	7	4.0*	6	3.4*	11	6.2*	8	4.5*	11	6.1*
FRESNO	74	9.1	52	6.3	53	6.3	32	3.7	28	3.2	33	3.7	29	3.2	22	2.4	22	2.4	23	2.5
GLENN	1	3.8*	1	3.7*	4	14.7*	5	18.3*	2	7.3*	2	7.2*	3	10.7*	1	3.6*	0	-	0	-
HUMBOLDT	19	14.9	21	16.3	11	8.4*	9	6.9*	20	15.2	20	15.1	12	9.0*	7	5.3*	16	12.0*	10	7.4*
IMPERIAL	5	3.5*	6	4.1*	3	2.0*	10	6.5*	3	1.9*	3	1.8*	2	1.2*	3	1.8*	0	-	1	0.6*
INYO	3	16.5*	2	10.9*	5	27.0*	3	16.2*	3	16.2*	6	32.6*	4	21.7*	2	10.9*	1	5.4*	2	10.8*
KERN	17	2.5*	32	4.6	26	3.6	30	4.1	25	3.3	51	6.5	24	3.0	29	3.5	18	2.2*	28	3.3
KINGS	2	1.5*	7	5.2*	10	7.2*	1	0.7*	3	2.1*	3	2.0*	3	2.0*	1	0.7*	2	1.3*	2	1.3*
LAKE	0	-	9	14.8*	4	6.5*	10	16.0*	3	4.8*	6	9.4*	4	6.3*	2	3.1*	0	-	4	6.2*
LASSEN	4	11.9*	2	6.0*	1	2.9*	3	8.7*	2	5.8*	1	2.9*	2	5.6*	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	515	5.3	488	5.0	433	4.4	344	3.5	368	3.8	426	4.4	497	5.1	394	4.0	387	3.9	336	3.4
LOS ANGELES	458	5.1	444	4.9	408	4.4	320	3.5	316	3.4	378	4.1	456	5.0	360	3.9	367	4.0	318	3.4
LONG BEACH	53	11.4	34	7.3	20	4.2	19	4.0	48	10.2	44	9.4	34	7.3	30	6.5	14	3.0*	14	3.0*
PASADENA	4	3.0*	10	7.3*	5	3.6*	5	3.6*	4	2.9*	4	2.9*	7	5.2*	4	3.0*	6	4.4*	4	2.9*
MADERA	5	4.0*	14	10.9*	8	6.0*	10	7.3*	9	6.4*	4	2.8*	5	3.4*	2	1.3*	2	1.3*	4	2.6*
MARIN	18	7.3*	10	4.0*	14	5.7*	45	18.2	40	16.2	40	16.2	43	17.3	26	10.4	25	10.0	21	8.3
MARIPOSA	0	-	1	5.7*	1	5.6*	0	-	1	5.5*	3	16.4*	3	16.3*	0	-	0	-	0	-
MENDOCINO	11	12.6*	15	17.1*	17	19.3*	10	11.3*	11	12.5*	4	4.6*	9	10.3*	10	11.4*	12	13.7*	15	17.1*
MERCED	16	7.4*	11	4.9*	12	5.2*	104	44.2	116	48.2	26	10.6	9	3.6*	15	6.0*	3	1.2*	6	2.3*
MODOC	1	10.6*	0	-	0	-	2	20.8*	0	-	0	-	1	10.4*	0	-	0	-	0	-
MONO	1	7.6*	1	7.5*	0	-	2	14.6*	2	14.5*	0	-	5	35.2*	0	-	0	-	0	-
MONTEREY	24	5.9	29	7.1	25	6.1	29	7.1	21	5.1	36	8.9	31	7.6	10	2.4*	8	1.9*	7	1.7*
NAPA	16	12.7*	11	8.6*	29	22.4	17	13.1*	9	6.9*	23	17.4	14	10.5*	10	7.4*	8	5.9*	5	3.7*
NEVADA	17	18.2*	19	20.1	24	25.0	17	17.5*	27	27.6	9	9.2*	13	13.2*	11	11.2*	11	11.2*	12	12.2*
ORANGE	165	5.7	127	4.4	118	4.0	92	3.1	112	3.8	141	4.8	182	6.1	160	5.4	126	4.2	132	4.4
PLACER	18	6.8*	31	11.2	23	7.9	22	7.3	15	4.8*	19	5.9	16	4.9*	11	3.3*	16	4.6*	9	2.6*
PLUMAS	3	14.5*	4	19.3*	2	9.6*	4	19.1*	3	14.4*	3	14.5*	1	4.9*	0	-	3	15.0*	2	10.0*
RIVERSIDE	49	3.0	38	2.3	30	1.7	26	1.4	22	1.1	41	2.0	57	2.7	40	1.9	32	1.5	32	1.5
SACRAMENTO	102	8.1	85	6.6	82	6.2	291	21.7	253	18.6	86	6.3	80	5.8	65	4.6	61	4.3	49	3.5
SAN BENITO	0	-	2	3.6*	1	1.8*	4	7.2*	3	5.4*	1	1.8*	2	3.6*	2	3.6*	0	-	0	-
SAN BERNARDINO	64	3.6	49	2.7	46	2.5	34	1.8	51	2.6	60	3.0	51	2.5	46	2.3	38	1.9	32	1.6
SAN DIEGO	292	10.2	200	6.9	180	6.1	176	5.9	160	5.4	227	7.6	275	9.1	295	9.7	285	9.3	286	9.2
SAN FRANCISCO	372	47.6	306	39.1	249	31.8	207	26.5	204	26.2	203	25.9	203	25.7	161	20.2	160	20.0	177	22.0
SAN JOAQUIN	88	15.0	80	13.3	72	11.6	86	13.5	99	15.2	101	15.3	66	9.9	60	8.9	58	8.5	49	7.1
SAN LUIS OBISPO	20	7.9	13	5.1*	14	5.5*	11	4.3*	28	10.8	16	6.1*	6	2.3*	10	3.7*	9	3.4*	9	3.3*
SAN MATEO	118	16.7	104	14.8	60	8.5	62	8.8	68	9.7	75	10.7	68	9.7	64	9.0	44	6.1	56	7.8
SANTA BARBARA	67	16.6	23	5.7	32	7.8	25	6.1	42	10.2	32	7.8	29	7.0	34	8.1	26	6.2	28	6.6
SANTA CLARA	265	15.7	224	13.2	207	12.2	167	9.8	133	7.8	181	10.6	131	7.5	144	8.2	96	5.4	117	6.5
SANTA CRUZ	13	5.1*	12	4.7*	11	4.3*	20	7.8	16	6.3*	29	11.4	23	8.9	7	2.7*	9	3.4*	10	3.8*
SHASTA	14	8.4*	4	2.4*	9	5.2*	5	2.9*	8	4.6*	10	5.7*	6	3.4*	3	1.7*	7	4.0*	2	1.1*
SIERRA	3	83.6*	2	56.1*	2	56.4*	0	-	4	116.6*	2	58.4*	0	-	0	-	0	-	0	-
SISKIYOU	3	6.8*	5	11.3*	9	20.2*	6	13.4*	3	6.7*	5	11.1*	1	2.2*	5	11.1*	7	15.6*	6	13.4*
SOLANO	26	6.5	26	6.4	19	4.6	20	4.9	29	7.1	19	4.6	14	3.4*	20	4.8	14	3.4*	19	4.6
SONOMA	67	14.4	42	9.0	37	7.9	32	6.8	51	10.9	46	9.8	41	8.7	23	4.8	31	6.5	25	5.2
STANISLAUS	43	9.3	32	6.8	33	6.8	9	1.8*	32	6.4	25	5.0	40	7.9	19	3.7	15	2.9*	22	4.3
SUTTER	7	8.7*	5	6.1*	11	13.1*	2	2.3*	4	4.5*	3	3.3*	7	7.6*	0	-	2	2.1*	1	1.1*
TEHAMA	3	5.3*	3	5.2*	2	3.4*	0	-	0	-	3	4.9*	0	-	0	-	1	1.6*	2	3.2*
TRINITY	1	7.7*	2	15.2*	2	14.9*	0	-	1	7.3*	1	7.2*	1	7.3*	1	7.3*	3	21.8*	0	-
TULARE	43	11.5	29	7.6	18	4.6*	10	2.5*	13	3.2*	11	2.6*	19	4.5	17	3.9*	11	2.5*	11	2.5*
TUOLUMNE	0	-	3	5.4*	2	3.5*	12	21.3*	7	12.4*	2	3.5*	2	3.6*	1	1.8*	1	1.8*	0	-
VENTURA	25	3.3	24	3.1	31	3.9	22	2.8	37	4.6	34	4.2	34	4.2	32	3.9	29	3.5	41	5.0
YOLO	15	8.6*	16	8.9*	12	6.6*	7	3.8*	9	4.8*	12	6.3*	5	2.6*	6	3.0*	9	4.5*	4	2.0*
YUBA	4	6.5*	6	9.6*	3	4.7*	8	12.3*	3	4.4*	4	5.8*	4	5.7*	2	2.8*	1	1.4*	3	4.1*

Rates are expressed as cases per 100,000 population.

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

## Giardiasis

### Giardiasis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	2,966	2,467	2,187	2,223	2,383	2,314	2,279	1,954	1,791	1,777
JANUARY	216	199	175	154	209	174	167	160	147	165
FEBRUARY	183	162	154	133	164	155	163	130	128	126
MARCH	242	185	146	171	179	189	157	164	130	142
APRIL	214	179	156	114	171	155	161	158	116	135
MAY	222	197	132	168	169	193	158	141	158	134
JUNE	279	212	176	167	159	174	189	172	147	143
JULY	308	241	239	194	248	221	257	166	157	172
AUGUST	333	272	305	241	290	250	280	207	179	191
SEPTEMBER	285	242	228	245	249	253	254	218	181	167
OCTOBER	266	235	191	244	206	206	172	164	153	135
NOVEMBER	201	176	150	205	148	161	162	143	141	133
DECEMBER	217	167	135	187	191	183	159	131	154	134

### Giardiasis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,966	8.6	2,467	7.1	2,187	6.2	2,223	6.2	2,383	6.6	2,314	6.4	2,279	6.2	1,954	5.3	1,791	4.8	1,777	4.8
0	26	5.0	39	7.5	23	4.4	25	4.8	18	3.4*	14	2.7*	13	2.5*	19	3.6	8	1.6*	13	2.6*
1-4	522	26.6	393	19.7	346	17.1	444	21.6	439	21.3	328	16.0	340	16.6	309	15.0	225	11.0	233	11.5
5-9	374	13.9	285	10.7	238	9.0	260	10.0	279	10.8	231	9.0	239	9.3	175	6.9	138	5.5	163	6.5
10-14	175	6.5	162	5.9	136	4.9	160	5.7	180	6.5	147	5.3	103	3.8	104	3.9	88	3.4	71	2.8
15-24	200	4.0	187	3.7	185	3.6	182	3.4	193	3.6	212	3.9	205	3.7	198	3.6	191	3.5	196	3.5
25-34	454	8.6	327	6.2	299	5.7	243	4.7	246	4.8	305	5.9	259	5.0	250	4.8	241	4.6	214	4.0
35-44	609	11.0	469	8.5	410	7.4	396	7.2	381	7.0	405	7.4	399	7.4	293	5.5	301	5.8	263	5.1
45-54	293	6.5	278	6.0	242	5.1	236	4.9	289	5.9	297	5.9	332	6.5	287	5.5	261	5.0	278	5.3
55-64	141	5.2	160	5.6	155	5.1	127	4.0	194	5.9	165	4.8	217	6.1	172	4.6	181	4.6	190	4.7
65+	103	2.8	120	3.3	107	2.9	95	2.5	116	3.0	160	4.1	123	3.1	140	3.5	154	3.7	149	3.5
UNKNOWN	69	.	47	.	46	.	55	.	48	.	50	.	49	.	7	.	3	.	7	.

Rates are expressed as cases per 100,000 population.

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

### Giardiasis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,966	8.6	2,467	7.1	2,187	6.2	2,223	6.2	2,383	6.6	2,314	6.4	2,279	6.2	1,954	5.3	1,791	4.8	1,777	4.8
ASIAN/PACIFIC ISLANDER	79	1.9	98	2.3	70	1.6	380	8.7	446	10.1	160	3.5	89	1.9	69	1.5	134	2.8	134	2.7
BLACK, NOT HISPANIC	43	1.9	51	2.3	62	2.8	47	2.1	35	1.6	66	3.0	63	2.8	49	2.2	46	2.1	57	2.6
HISPANIC	640	5.6	514	4.4	403	3.3	362	2.9	361	2.8	425	3.3	405	3.1	329	2.4	256	1.9	244	1.7
AMERICAN INDIAN/ALASKAN NATIVE	6	3.4*	5	2.9*	4	2.3*	4	2.3*	7	4.1*	6	3.5*	3	1.8*	0	-	4	2.4*	4	2.4*
WHITE, NOT HISPANIC	938	5.9	762	4.8	684	4.3	554	3.5	702	4.5	677	4.3	668	4.3	557	3.6	443	2.9	454	3.0
OTHER/UNKNOWN	1,260	-	1,037	-	964	-	876	-	832	-	980	-	1,051	-	950	-	908	-	884	-

Rates are expressed as cases per 100,000 population.

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

### Hantavirus Infection

Hantavirus Infection, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	2	0.0*	2	0.0*	3	0.0*	0	-	4	0.0*	1	0.0*	0	-	3	0.0*	4	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.4*
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	7.5*	0	-	0	-	0	-	0	-	1	7.0*	0	-	0	-	2	14.1*
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	2	2.0*	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	1	4.8*	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	1	28.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

## Hantavirus Infection

Hantavirus Infection, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	0	2	2	3	0	4	1	0	3	4
JANUARY	0	0	0	0	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	0	0	0
MARCH	0	0	0	0	0	0	0	0	0	0
APRIL	0	1	0	0	0	0	0	0	0	0
MAY	0	0	0	1	0	0	0	0	0	0
JUNE	0	0	0	1	0	0	1	0	1	0
JULY	0	1	0	0	0	2	0	0	0	2
AUGUST	0	0	0	1	0	0	0	0	0	2
SEPTEMBER	0	0	0	0	0	1	0	0	0	0
OCTOBER	0	0	2	0	0	1	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0	0	2	0
DECEMBER	0	0	0	0	0	0	0	0	0	0

Hantavirus Infection, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	3	0.0*	0	-	4	0.0*	1	0.0*	0	-	3	0.0*	4	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
15-24	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-
35-44	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*
45-54	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*
55-64	0	-	0	-	0	-	0	-	0	-	2	0.1*	1	0.0*	0	-	1	0.0*	1	0.0*
65+	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	3	0.0*	0	-	4	0.0*	1	0.0*	0	-	3	0.0*	4	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	2	0.0*	2	0.0*	0	-	3	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*
OTHER/UNKNOWN	0	-	1	-	0	-	1	-	0	-	0	-	0	-	0	-	1	-	1	-

Rates are expressed as cases per 100,000 population.

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

### Hemolytic Uremic Syndrome

Hemolytic Uremic Syndrome, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	42	0.1	45	0.1	42	0.1	38	0.1	33	0.1	49	0.1	45	0.1	46	0.1	37	0.1	42	0.1
ALAMEDA COUNTY TOTAL	2	0.1*	1	0.1*	0	-	2	0.1*	6	0.4*	3	0.2*	2	0.1*	0	-	1	0.1*	4	0.3*
ALAMEDA	1	0.1*	1	0.1*	0	-	2	0.1*	5	0.4*	2	0.1*	2	0.1*	0	-	1	0.1*	4	0.3*
BERKELEY	1	1.0*	0	-	0	-	0	-	1	0.9*	1	0.9*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	2	1.0*	0	-	0	-	0	-	1	0.5*	1	0.5*	2	0.9*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	2	4.6*	1	2.2*	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	2	0.2*	3	0.3*	0	-	0	-	1	0.1*	4	0.4*	0	-	0	-	3	0.3*
DEL NORTE	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
FRESNO	2	0.2*	3	0.4*	0	-	3	0.3*	1	0.1*	2	0.2*	3	0.3*	5	0.5*	3	0.3*	3	0.3*
GLENN	1	3.8*	0	-	0	-	0	-	0	-	0	-	0	-	1	3.6*	1	3.6*	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.8*	1	0.7*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	2	0.3*	2	0.3*	0	-	0	-	0	-	4	0.5*	2	0.2*	2	0.2*	1	0.1*
KINGS	1	0.8*	0	-	1	0.7*	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
LAKE	0	-	0	-	2	3.2*	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	9	0.1*	8	0.1*	7	0.1*	3	0.0*	3	0.0*	9	0.1*	0	-	3	0.0*	3	0.0*	2	0.0*
LOS ANGELES	9	0.1*	7	0.1*	7	0.1*	3	0.0*	3	0.0*	8	0.1*	0	-	3	0.0*	3	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
PASADENA	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	2	1.5*	1	0.7*	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	1	0.4*	1	0.4*	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-
MERCED	1	0.5*	0	-	0	-	3	1.3*	2	0.8*	2	0.8*	0	-	2	0.8*	0	-	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	1	0.7*	1	0.7*	0	-
NEVADA	0	-	1	1.1*	0	-	1	1.0*	0	-	1	1.0*	0	-	0	-	3	3.0*	0	-
ORANGE	2	0.1*	5	0.2*	5	0.2*	1	0.0*	1	0.0*	0	-	4	0.1*	2	0.1*	0	-	2	0.1*
PLACER	0	-	0	-	1	0.3*	0	-	1	0.3*	0	-	0	-	0	-	2	0.6*	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	2	0.1*	2	0.1*	1	0.1*	0	-	2	0.1*	3	0.1*	5	0.2*	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	4	0.3*	2	0.1*	1	0.1*	4	0.3*	2	0.1*	1	0.1*	0	-
SAN BENITO	2	3.7*	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-
SAN BERNARDINO	5	0.3*	1	0.1*	3	0.2*	1	0.1*	2	0.1*	2	0.1*	0	-	2	0.1*	1	0.0*	2	0.1*
SAN DIEGO	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	2	0.1*	2	0.1*	1	0.0*	5	0.2*
SAN FRANCISCO	1	0.1*	3	0.4*	2	0.3*	1	0.1*	0	-	3	0.4*	0	-	1	0.1*	1	0.1*	0	-
SAN JOAQUIN	2	0.3*	0	-	1	0.2*	0	-	2	0.3*	5	0.8*	0	-	1	0.1*	0	-	3	0.4*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	3	1.1*	0	-	0	-	2	0.7*
SAN MATEO	0	-	1	0.1*	1	0.1*	2	0.3*	2	0.3*	2	0.3*	1	0.1*	1	0.1*	0	-	2	0.3*
SANTA BARBARA	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	2	0.5*
SANTA CLARA	1	0.1*	2	0.1*	1	0.1*	1	0.1*	3	0.2*	3	0.2*	5	0.3*	3	0.2*	2	0.1*	2	0.1*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	1	0.4*
SHASTA	0	-	0	-	0	-	1	0.6*	0	-	0	-	1	0.6*	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	2	0.5*	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*
SONOMA	0	-	1	0.2*	1	0.2*	2	0.4*	0	-	3	0.6*	1	0.2*	0	-	1	0.2*	0	-
STANISLAUS	3	0.6*	3	0.6*	2	0.4*	0	-	0	-	1	0.2*	3	0.6*	6	1.2*	3	0.6*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	1	1.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	3	0.8*	2	0.5*	1	0.3*	2	0.5*	3	0.7*	3	0.7*	1	0.2*	0	-	4	0.9*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-	3	0.4*	1	0.1*	0	-	1	0.1*	0	-	2	0.2*	3	0.4*
YOLO	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-	1	0.5*	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

## Hemolytic Uremic Syndrome

Hemolytic Uremic Syndrome, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	42	45	42	38	33	49	45	46	37	42	
JANUARY	1	0	0	2	1	4	1	0	2	0	
FEBRUARY	3	4	3	0	1	1	0	2	2	3	
MARCH	0	2	1	2	2	3	3	3	5	2	
APRIL	5	3	4	5	1	4	6	0	1	0	
MAY	2	5	0	5	6	4	5	5	2	0	
JUNE	8	4	2	2	4	6	4	2	4	5	
JULY	8	6	5	4	10	7	6	5	6	12	
AUGUST	4	5	7	3	0	9	6	6	4	7	
SEPTEMBER	3	5	7	3	1	6	6	9	3	7	
OCTOBER	3	2	10	8	3	3	2	8	1	2	
NOVEMBER	3	6	1	1	3	1	5	5	6	1	
DECEMBER	2	3	2	3	1	1	1	1	1	3	

Hemolytic Uremic Syndrome, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	42	0.1	45	0.1	42	0.1	38	0.1	33	0.1	49	0.1	45	0.1	46	0.1	37	0.1	42	0.1
0	1	0.2*	0	-	0	-	2	0.4*	0	-	1	0.2*	1	0.2*	2	0.4*	1	0.2*	1	0.2*
1-4	23	1.2	18	0.9*	24	1.2	18	0.9*	18	0.9*	29	1.4	25	1.2	26	1.3	21	1.0	23	1.1
5-9	9	0.3*	14	0.5*	7	0.3*	5	0.2*	8	0.3*	8	0.3*	12	0.5*	4	0.2*	2	0.1*	7	0.3*
10-14	4	0.1*	3	0.1*	2	0.1*	7	0.2*	2	0.1*	4	0.1*	2	0.1*	4	0.1*	3	0.1*	3	0.1*
15-24	0	-	4	0.1*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	2	0.0*	4	0.1*
25-34	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
35-44	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*
45-54	1	0.0*	1	0.0*	1	0.0*	2	0.0*	0	-	1	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-
55-64	1	0.0*	3	0.1*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	3	0.1*	1	0.0*	1	0.0*
65+	1	0.0*	2	0.1*	4	0.1*	2	0.1*	3	0.1*	2	0.1*	1	0.0*	3	0.1*	5	0.1*	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	42	0.1	45	0.1	42	0.1	38	0.1	33	0.1	49	0.1	45	0.1	46	0.1	37	0.1	42	0.1
ASIAN/PACIFIC ISLANDER	3	0.1*	3	0.1*	0	-	2	0.0*	0	-	0	-	6	0.1*	2	0.0*	0	-	7	0.1*
BLACK, NOT HISPANIC	3	0.1*	1	0.0*	0	-	1	0.0*	4	0.2*	4	0.2*	0	-	1	0.0*	0	-	0	-
HISPANIC	13	0.1*	9	0.1*	16	0.1*	13	0.1*	6	0.0*	12	0.1*	12	0.1*	16	0.1*	11	0.1*	7	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
WHITE, NOT HISPANIC	15	0.1*	26	0.2	19	0.1	14	0.1*	17	0.1*	27	0.2	18	0.1*	18	0.1*	16	0.1*	17	0.1*
OTHER/UNKNOWN	7	-	6	-	7	-	8	-	6	-	6	-	9	-	9	-	10	-	10	-

Rates are expressed as cases per 100,000 population.

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



Legionellosis

Legionellosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	57	0.2	60	0.2	68	0.2	64	0.2	94	0.3	84	0.2	129	0.4	167	0.5	167	0.5	219	0.6
ALAMEDA COUNTY TOTAL	3	0.2*	0	-	1	0.1*	2	0.1*	3	0.2*	0	-	4	0.3*	3	0.2*	3	0.2*	2	0.1*
ALAMEDA	2	0.1*	0	-	1	0.1*	2	0.1*	3	0.2*	0	-	2	0.1*	3	0.2*	2	0.1*	2	0.1*
BERKELEY	1	1.0*	0	-	0	-	0	-	0	-	0	-	2	1.8*	0	-	1	0.9*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	0	-	1	4.9*	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	2	0.2*	1	0.1*	2	0.2*	2	0.2*	3	0.3*	2	0.2*	3	0.3*	10	1.0*	7	0.7*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	2	0.2*	4	0.4*	4	0.4*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.8*	1	0.8*	0	-	1	0.8*	0	-	0	-	0	-
IMPERIAL	1	0.7*	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	2	0.3*	1	0.1*	1	0.1*	1	0.1*	0	-	3	0.4*	4	0.5*	3	0.4*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
LAKE	0	-	0	-	1	1.6*	0	-	0	-	0	-	1	1.6*	1	1.6*	0	-	2	3.1*
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	18	0.2*	26	0.3	22	0.2	15	0.2*	34	0.3	26	0.3	42	0.4	61	0.6	67	0.7	111	1.1
LOS ANGELES	18	0.2*	25	0.3	20	0.2	15	0.2*	29	0.3	24	0.3	40	0.4	58	0.6	63	0.7	107	1.2
LONG BEACH	0	-	1	0.2*	1	0.2*	0	-	3	0.6*	1	0.2*	0	-	2	0.4*	2	0.4*	3	0.6*
PASADENA	0	-	0	-	1	0.7*	0	-	2	1.5*	1	0.7*	2	1.5*	1	0.7*	2	1.5*	1	0.7*
MADERA	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	2	21.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	1	0.2*	2	0.5*	1	0.2*	2	0.5*	0	-	3	0.7*
NAPA	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	3	0.1*	5	0.2*	8	0.3*	13	0.4*	14	0.5*	19	0.6	13	0.4*	22	0.7	20	0.7
PLACER	1	0.4*	0	-	0	-	1	0.3*	0	-	2	0.6*	0	-	0	-	1	0.3*	2	0.6*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.3*	3	0.2*	6	0.3*	6	0.3*	4	0.2*	2	0.1*	6	0.3*	7	0.3*	5	0.2*	15	0.7*
SACRAMENTO	2	0.2*	2	0.2*	4	0.3*	1	0.1*	3	0.2*	2	0.1*	7	0.5*	6	0.4*	3	0.2*	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	3.6*	0	-	0	-
SAN BERNARDINO	1	0.1*	2	0.1*	4	0.2*	1	0.1*	4	0.2*	1	0.1*	5	0.2*	4	0.2*	5	0.2*	9	0.4*
SAN DIEGO	7	0.2*	7	0.2*	10	0.3*	10	0.3*	7	0.2*	17	0.6*	20	0.7	24	0.8	23	0.7	21	0.7
SAN FRANCISCO	1	0.1*	1	0.1*	0	-	1	0.1*	1	0.1*	3	0.4*	1	0.1*	2	0.3*	3	0.4*	2	0.2*
SAN JOAQUIN	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-	1	0.1*	1	0.1*	2	0.3*	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	2	0.8*	0	-	0	-	1	0.4*	1	0.4*	1	0.4*
SAN MATEO	4	0.6*	1	0.1*	2	0.3*	0	-	2	0.3*	1	0.1*	0	-	3	0.4*	1	0.1*	4	0.6*
SANTA BARBARA	0	-	0	-	1	0.2*	3	0.7*	3	0.7*	5	1.2*	2	0.5*	1	0.2*	1	0.2*	0	-
SANTA CLARA	3	0.2*	3	0.2*	3	0.2*	3	0.2*	3	0.2*	2	0.1*	4	0.2*	9	0.5*	1	0.1*	2	0.1*
SANTA CRUZ	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	2	0.8*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	3	1.7*	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*	2	0.5*	3	0.7*
SONOMA	1	0.2*	0	-	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	5	1.0*	1	0.2*	1	0.2*	3	0.6*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	2	0.5*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*
VENTURA	1	0.1*	3	0.4*	2	0.3*	3	0.4*	5	0.6*	1	0.1*	1	0.1*	1	0.1*	5	0.6*	5	0.6*
YOLO	1	0.6*	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.5*	1	0.5*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

## Legionellosis

### Legionellosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	57	60	68	64	94	84	129	167	167	219	
JANUARY	8	2	5	7	7	7	7	9	16	26	
FEBRUARY	5	2	3	5	2	10	7	22	13	17	
MARCH	3	4	4	0	6	7	9	18	9	15	
APRIL	3	1	5	5	6	5	8	6	11	15	
MAY	3	9	8	5	4	7	6	14	16	14	
JUNE	8	5	3	8	10	10	10	9	16	18	
JULY	6	7	6	7	7	6	3	16	17	12	
AUGUST	3	6	7	7	9	2	11	23	13	14	
SEPTEMBER	4	3	9	5	6	2	9	12	15	21	
OCTOBER	4	9	6	7	10	11	11	13	11	20	
NOVEMBER	4	8	9	4	14	10	21	16	17	14	
DECEMBER	6	4	3	4	13	7	27	9	13	33	

### Legionellosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	57	0.2	60	0.2	68	0.2	64	0.2	94	0.3	84	0.2	129	0.4	167	0.5	167	0.5	219	0.6
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	2	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
15-24	1	0.0*	2	0.0*	1	0.0*	0	-	3	0.1*	1	0.0*	1	0.0*	3	0.1*	1	0.0*	2	0.0*
25-34	2	0.0*	1	0.0*	5	0.1*	1	0.0*	1	0.0*	5	0.1*	4	0.1*	7	0.1*	8	0.2*	6	0.1*
35-44	6	0.1*	11	0.2*	6	0.1*	3	0.1*	9	0.2*	7	0.1*	10	0.2*	13	0.2*	15	0.3*	14	0.3*
45-54	15	0.3*	7	0.2*	16	0.3*	11	0.2*	12	0.2*	19	0.4	29	0.6	26	0.5	31	0.6	50	1.0
55-64	12	0.4*	12	0.4*	19	0.6	19	0.6	22	0.7	17	0.5*	28	0.8	39	1.1	38	1.0	52	1.3
65+	21	0.6	25	0.7	21	0.6	28	0.7	43	1.1	35	0.9	57	1.4	78	1.9	74	1.8	95	2.2
UNKNOWN	0	-	0	-	0	-	2	-	3	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Legionellosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	57	0.2	60	0.2	68	0.2	64	0.2	94	0.3	84	0.2	129	0.4	167	0.5	167	0.5	219	0.6
ASIAN/PACIFIC ISLANDER	6	0.1*	4	0.1*	3	0.1*	2	0.0*	8	0.2*	9	0.2*	6	0.1*	14	0.3*	10	0.2*	17	0.3*
BLACK, NOT HISPANIC	1	0.0*	5	0.2*	7	0.3*	1	0.0*	6	0.3*	7	0.3*	11	0.5*	19	0.9	22	1.0	32	1.5
HISPANIC	3	0.0*	13	0.1*	6	0.0*	9	0.1*	10	0.1*	10	0.1*	22	0.2	26	0.2	26	0.2	45	0.3
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*
WHITE, NOT HISPANIC	43	0.3	26	0.2	40	0.3	40	0.3	48	0.3	49	0.3	77	0.5	84	0.5	84	0.6	100	0.7
OTHER/UNKNOWN	4	-	11	-	12	-	12	-	22	-	9	-	13	-	24	-	25	-	24	-

Rates are expressed as cases per 100,000 population.

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

### Leprosy (Hansen's Disease)

Leprosy (Hansen's Disease), Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	19	0.1	31	0.1	21	0.1	22	0.1	19	0.1	17	0.0*	21	0.1	13	0.0*	14	0.0*	13	0.0*
ALAMEDA COUNTY TOTAL	2	0.1*	2	0.1*	3	0.2*	2	0.1*	1	0.1*	0	-	1	0.1*	3	0.2*	0	-	2	0.1*
ALAMEDA	2	0.1*	2	0.1*	3	0.2*	2	0.1*	1	0.1*	0	-	1	0.1*	3	0.2*	0	-	2	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	1	0.1*	2	0.2*	0	-	0	-	1	0.1*	3	0.3*	1	0.1*	2	0.2*	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	6	0.1*	11	0.1*	9	0.1*	7	0.1*	3	0.0*	4	0.0*	7	0.1*	2	0.0*	5	0.1*	3	0.0*
LOS ANGELES	6	0.1*	11	0.1*	8	0.1*	7	0.1*	3	0.0*	4	0.0*	7	0.1*	2	0.0*	5	0.1*	3	0.0*
LONG BEACH	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	1	0.0*	3	0.1*	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	1	0.1*	1	0.1*	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-
SAN DIEGO	5	0.2*	3	0.1*	1	0.0*	1	0.0*	4	0.1*	1	0.0*	3	0.1*	1	0.0*	2	0.1*	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	2	0.3*	0	-	0	-	0	-	0	-	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	1	0.1*	2	0.3*	2	0.3*	3	0.4*	2	0.3*	1	0.1*	0	-	1	0.1*
SANTA BARBARA	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	4	0.2*	0	-	0	-	3	0.2*	2	0.1*	1	0.1*	1	0.1*	2	0.1*	3	0.2*
SANTA CRUZ	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	1	0.2*	1	0.2*	2	0.4*	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.3*	1	0.3*	1	0.3*	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	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)

Leprosy (Hansen's Disease), Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	19	31	21	22	19	17	21	13	14	13	
JANUARY	2	3	2	4	3	1	3	2	1	1	
FEBRUARY	0	4	3	1	0	2	1	2	4	1	
MARCH	0	3	1	2	3	1	2	1	1	2	
APRIL	1	3	1	3	2	3	0	0	1	1	
MAY	3	5	3	1	2	1	1	2	1	0	
JUNE	2	5	3	3	2	0	1	1	1	0	
JULY	1	2	2	2	1	1	0	0	1	1	
AUGUST	1	1	2	0	3	3	3	0	1	1	
SEPTEMBER	1	2	1	1	0	1	3	1	0	3	
OCTOBER	4	0	1	2	0	2	2	1	0	1	
NOVEMBER	2	1	1	1	1	2	3	1	2	1	
DECEMBER	2	2	1	2	2	0	2	2	1	1	

Leprosy (Hansen's Disease), Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	19	0.1	31	0.1	21	0.1	22	0.1	19	0.1	17	0.0*	21	0.1	13	0.0*	14	0.0*	13	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
15-24	5	0.1*	5	0.1*	3	0.1*	0	-	2	0.0*	0	-	3	0.1*	0	-	1	0.0*	1	0.0*
25-34	7	0.1*	8	0.2*	6	0.1*	8	0.2*	5	0.1*	4	0.1*	2	0.0*	7	0.1*	4	0.1*	3	0.1*
35-44	1	0.0*	4	0.1*	3	0.1*	2	0.0*	5	0.1*	3	0.1*	3	0.1*	4	0.1*	1	0.0*	3	0.1*
45-54	2	0.0*	2	0.0*	1	0.0*	1	0.0*	2	0.0*	5	0.1*	3	0.1*	1	0.0*	3	0.1*	3	0.1*
55-64	1	0.0*	8	0.3*	1	0.0*	5	0.2*	2	0.1*	1	0.0*	5	0.1*	0	-	1	0.0*	1	0.0*
65+	3	0.1*	3	0.1*	7	0.2*	6	0.2*	3	0.1*	3	0.1*	5	0.1*	1	0.0*	4	0.1*	2	0.0*
UNKNOWN	0	-	1	-	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	19	0.1	31	0.1	21	0.1	22	0.1	19	0.1	17	0.0*	21	0.1	13	0.0*	14	0.0*	13	0.0*
ASIAN/PACIFIC ISLANDER	7	0.2*	6	0.1*	3	0.1*	8	0.2*	8	0.2*	7	0.2*	8	0.2*	4	0.1*	3	0.1*	7	0.1*
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	4	0.0*	18	0.2*	12	0.1*	8	0.1*	9	0.1*	6	0.0*	8	0.1*	8	0.1*	3	0.0*	3	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	3	0.0*	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*
OTHER/UNKNOWN	5	-	5	-	5	-	5	-	2	-	3	-	3	-	1	-	7	-	2	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Leptospirosis**

Leptospirosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	2	0.0*	0	-	4	0.0*	1	0.0*	8	0.0*	3	0.0*	5	0.0*	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	1	0.1*	0	-	2	0.1*	0	-	0	-	0	-
SAN DIEGO	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

## Leptospirosis

Leptospirosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	2	0	4	1	8	3	5	0	0	0
JANUARY	0	0	0	0	0	1	1	0	0	0
FEBRUARY	1	0	0	0	0	0	0	0	0	0
MARCH	1	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	1	1	0	0	0	0
MAY	0	0	0	0	0	1	0	0	0	0
JUNE	0	0	0	1	0	0	0	0	0	0
JULY	0	0	3	0	0	0	3	0	0	0
AUGUST	0	0	1	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	4	0	0	0	0	0
OCTOBER	0	0	0	0	1	0	0	0	0	0
NOVEMBER	0	0	0	0	1	0	1	0	0	0
DECEMBER	0	0	0	0	1	0	0	0	0	0

Leptospirosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	0	-	4	0.0*	1	0.0*	8	0.0*	3	0.0*	5	0.0*	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	2	0.1*	0	-	1	0.0*	0	-	0	-	0	-
10-14	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-
25-34	1	0.0*	0	-	2	0.0*	0	-	2	0.0*	0	-	2	0.0*	0	-	0	-	0	-
35-44	1	0.0*	0	-	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	0	-	4	0.0*	1	0.0*	8	0.0*	3	0.0*	5	0.0*	0	-	0	-	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	2	0.0*	0	-	1	0.0*	0	-	6	0.0*	3	0.0*	4	0.0*	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	1	-	1	-	2	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Listeriosis

Listeriosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	118	0.3	89	0.3	90	0.3	123	0.3	127	0.4	123	0.3	98	0.3	97	0.3	94	0.3	99	0.3
ALAMEDA COUNTY TOTAL	9	0.6*	5	0.3*	6	0.4*	5	0.3*	3	0.2*	6	0.4*	1	0.1*	12	0.8*	7	0.5*	9	0.6*
ALAMEDA	6	0.4*	5	0.4*	6	0.4*	5	0.4*	3	0.2*	6	0.4*	1	0.1*	12	0.9*	7	0.5*	8	0.6*
BERKELEY	3	2.9*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	3	0.3*	5	0.5*	1	0.1*	2	0.2*	3	0.3*	5	0.5*	4	0.4*	2	0.2*	5	0.5*
DEL NORTE	0	-	1	3.6*	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
FRESNO	3	0.4*	4	0.5*	2	0.2*	1	0.1*	5	0.6*	4	0.5*	3	0.3*	1	0.1*	2	0.2*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	1	0.8*	1	0.8*	0	-	1	0.8*	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.2*	1	0.1*	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	33	0.3	24	0.2	21	0.2	30	0.3	31	0.3	39	0.4	30	0.3	22	0.2	21	0.2	23	0.2
LOS ANGELES	30	0.3	22	0.2	20	0.2	27	0.3	28	0.3	36	0.4	27	0.3	20	0.2	21	0.2	21	0.2
LONG BEACH	2	0.4*	1	0.2*	1	0.2*	2	0.4*	2	0.4*	3	0.6*	2	0.4*	1	0.2*	0	-	0	-
PASADENA	1	0.7*	1	0.7*	0	-	1	0.7*	1	0.7*	0	-	1	0.7*	1	0.7*	0	-	2	1.5*
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-
MARIN	1	0.4*	0	-	2	0.8*	3	1.2*	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	1	1.1*	0	-	0	-	0	-	1	1.1*	0	-
MERCED	2	0.9*	0	-	0	-	0	-	3	1.2*	2	0.8*	0	-	1	0.4*	0	-	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	1	0.2*	3	0.7*	1	0.2*	1	0.2*	1	0.2*	2	0.5*	2	0.5*	2	0.5*
NAPA	3	2.4*	0	-	1	0.8*	0	-	1	0.8*	0	-	0	-	0	-	0	-	2	1.5*
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	2.0*
ORANGE	12	0.4*	13	0.4*	7	0.2*	12	0.4*	8	0.3*	11	0.4*	7	0.2*	7	0.2*	12	0.4*	5	0.2*
PLACER	1	0.4*	1	0.4*	0	-	0	-	0	-	0	-	0	-	2	0.6*	1	0.3*	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	6	0.4*	4	0.2*	0	-	5	0.3*	4	0.2*	4	0.2*	0	-	2	0.1*	4	0.2*	3	0.1*
SACRAMENTO	4	0.3*	2	0.2*	5	0.4*	3	0.2*	7	0.5*	4	0.3*	4	0.3*	1	0.1*	3	0.2*	3	0.2*
SAN BENITO	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	3	0.2*	4	0.2*	3	0.2*	6	0.3*	4	0.2*	2	0.1*	3	0.1*	2	0.1*	6	0.3*
SAN DIEGO	13	0.5*	10	0.3*	12	0.4*	14	0.5*	17	0.6*	25	0.8	17	0.6*	14	0.5*	13	0.4*	8	0.3*
SAN FRANCISCO	6	0.8*	2	0.3*	6	0.8*	8	1.0*	6	0.8*	0	-	2	0.3*	4	0.5*	6	0.7*	3	0.4*
SAN JOAQUIN	0	-	1	0.2*	3	0.5*	2	0.3*	0	-	0	-	1	0.1*	2	0.3*	1	0.1*	3	0.4*
SAN LUIS OBISPO	2	0.8*	0	-	0	-	2	0.8*	2	0.8*	2	0.8*	0	-	0	-	0	-	0	-
SAN MATEO	0	-	3	0.4*	2	0.3*	3	0.4*	6	0.9*	2	0.3*	4	0.6*	5	0.7*	3	0.4*	4	0.6*
SANTA BARBARA	1	0.2*	0	-	1	0.2*	5	1.2*	0	-	3	0.7*	2	0.5*	1	0.2*	0	-	4	0.9*
SANTA CLARA	6	0.4*	4	0.2*	5	0.3*	8	0.5*	8	0.5*	3	0.2*	5	0.3*	3	0.2*	6	0.3*	11	0.6*
SANTA CRUZ	0	-	2	0.8*	1	0.4*	3	1.2*	1	0.4*	2	0.8*	2	0.8*	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	2	1.1*	0	-	0	-	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	2	0.5*	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-
SONOMA	2	0.4*	0	-	0	-	2	0.4*	5	1.1*	3	0.6*	1	0.2*	0	-	1	0.2*	1	0.2*
STANISLAUS	2	0.4*	0	-	0	-	1	0.2*	0	-	0	-	0	-	2	0.4*	1	0.2*	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	2	0.5*	0	-	4	1.0*	2	0.5*	1	0.2*	1	0.2*	2	0.5*	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	1	0.1*	1	0.1*	3	0.4*	2	0.3*	0	-	1	0.1*	3	0.4*	1	0.1*	0	-
YOLO	0	-	1	0.6*	0	-	2	1.1*	1	0.5*	0	-	0	-	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	1	1.5*	1	1.4*	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
\*Potentially unreliable rate, relative standard error 23 percent or more

## Listeriosis

Listeriosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	118	89	90	123	127	123	98	97	94	99	
JANUARY	8	7	5	3	9	7	6	4	7	7	
FEBRUARY	4	3	5	7	6	6	7	3	7	8	
MARCH	5	9	7	12	11	6	7	7	4	5	
APRIL	8	5	6	9	11	7	10	10	6	8	
MAY	13	6	14	11	10	6	9	9	7	4	
JUNE	21	8	11	14	15	21	8	9	13	6	
JULY	17	11	11	18	15	15	12	7	13	10	
AUGUST	10	4	10	14	18	16	10	16	11	15	
SEPTEMBER	9	10	11	17	10	16	16	8	9	6	
OCTOBER	6	9	3	8	7	11	6	11	9	14	
NOVEMBER	5	14	3	6	8	5	1	5	7	9	
DECEMBER	12	3	4	4	7	7	6	8	1	7	

Listeriosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	118	0.3	89	0.3	90	0.3	123	0.3	127	0.4	123	0.3	98	0.3	97	0.3	94	0.3	99	0.3
0	14	2.7*	10	1.9*	10	1.9*	13	2.5*	8	1.5*	9	1.7*	6	1.1*	1	0.2*	6	1.2*	3	0.6*
1-4	0	-	0	-	1	0.0*	0	-	3	0.1*	2	0.1*	0	-	0	-	1	0.0*	1	0.0*
5-9	0	-	1	0.0*	0	-	1	0.0*	2	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	1	0.0*
10-14	2	0.1*	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
15-24	8	0.2*	4	0.1*	3	0.1*	12	0.2*	10	0.2*	10	0.2*	5	0.1*	6	0.1*	5	0.1*	4	0.1*
25-34	17	0.3*	7	0.1*	8	0.2*	11	0.2*	9	0.2*	9	0.2*	6	0.1*	5	0.1*	4	0.1*	10	0.2*
35-44	16	0.3*	6	0.1*	12	0.2*	8	0.1*	9	0.2*	12	0.2*	4	0.1*	3	0.1*	8	0.2*	11	0.2*
45-54	11	0.2*	8	0.2*	5	0.1*	9	0.2*	11	0.2*	12	0.2*	12	0.2*	8	0.2*	10	0.2*	11	0.2*
55-64	10	0.4*	17	0.6*	12	0.4*	17	0.5*	13	0.4*	19	0.6	14	0.4*	26	0.7	10	0.3*	15	0.4*
65+	40	1.1	35	1.0	38	1.0	51	1.4	62	1.6	47	1.2	49	1.2	46	1.1	49	1.2	43	1.0
UNKNOWN	0	-	0	-	0	-	1	-	0	-	1	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

Listeriosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	118	0.3	89	0.3	90	0.3	123	0.3	127	0.4	123	0.3	98	0.3	97	0.3	94	0.3	99	0.3
ASIAN/PACIFIC ISLANDER	11	0.3*	7	0.2*	9	0.2*	9	0.2*	15	0.3*	15	0.3*	7	0.2*	13	0.3*	10	0.2*	15	0.3*
BLACK, NOT HISPANIC	4	0.2*	1	0.0*	2	0.1*	5	0.2*	4	0.2*	6	0.3*	3	0.1*	1	0.0*	4	0.2*	3	0.1*
HISPANIC	25	0.2	24	0.2	21	0.2	43	0.3	37	0.3	40	0.3	30	0.2	26	0.2	20	0.1	21	0.1
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-
WHITE, NOT HISPANIC	46	0.3	33	0.2	31	0.2	33	0.2	47	0.3	47	0.3	37	0.2	27	0.2	31	0.2	38	0.3
OTHER/UNKNOWN	32	-	24	-	27	-	33	-	24	-	15	-	21	-	30	-	28	-	22	-

Rates are expressed as cases per 100,000 population.

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



**Lyme Disease**

Lyme Disease, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	90	0.3	92	0.3	77	0.2	51	0.1	97	0.3	86	0.2	90	0.2	69	0.2	102	0.3	89	0.2
ALAMEDA COUNTY TOTAL	3	0.2*	7	0.5*	1	0.1*	1	0.1*	5	0.3*	3	0.2*	3	0.2*	7	0.5*	3	0.2*	2	0.1*
ALAMEDA	3	0.2*	6	0.4*	1	0.1*	1	0.1*	3	0.2*	2	0.1*	3	0.2*	5	0.4*	2	0.1*	1	0.1*
BERKELEY	0	-	1	1.0*	0	-	0	-	2	1.9*	1	0.9*	0	-	2	1.8*	1	0.9*	1	0.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	1	2.6*	2	5.3*	0	-	0	-	1	2.6*
BUTTE	0	-	3	1.4*	3	1.4*	1	0.5*	0	-	1	0.5*	0	-	2	0.9*	4	1.8*	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	3	0.3*	4	0.4*	0	-	4	0.4*	1	0.1*	0	-	1	0.1*	1	0.1*	0	-
DEL NORTE	1	3.6*	1	3.6*	0	-	0	-	0	-	0	-	0	-	0	-	2	7.0*	0	-
EL DORADO	0	-	0	-	0	-	4	2.3*	2	1.2*	4	2.3*	2	1.1*	1	0.6*	2	1.1*	2	1.1*
FRESNO	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	2	0.2*	2	0.2*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	4	3.1*	6	4.7*	4	3.1*	8	6.1*	10	7.6*	4	3.0*	8	6.0*	4	3.0*	4	3.0*	12	8.9*
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	1	5.5*	0	-	0	-	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-
KERN	0	-	2	0.3*	1	0.1*	0	-	1	0.1*	1	0.1*	4	0.5*	3	0.4*	1	0.1*	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
LAKE	0	-	0	-	1	1.6*	2	3.2*	0	-	0	-	1	1.6*	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	5	0.1*	4	0.0*	5	0.1*	3	0.0*	7	0.1*	13	0.1*	9	0.1*	8	0.1*	4	0.0*	8	0.1*
LOS ANGELES	5	0.1*	4	0.0*	5	0.1*	1	0.0*	7	0.1*	13	0.1*	7	0.1*	8	0.1*	4	0.0*	7	0.1*
LONG BEACH	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	1	0.4*	4	1.6*	3	1.2*	0	-	5	2.0*	6	2.4*	2	0.8*	3	1.2*	2	0.8*	2	0.8*
MARIPOSA	0	-	1	5.7*	0	-	1	5.6*	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	4	4.6*	10	11.4*	5	5.7*	3	3.4*	0	-	1	1.1*	10	11.4*	5	5.7*	7	8.0*	6	6.8*
MERCED	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	3	22.1*	1	7.3*	0	-	0	-	0	-	0	-	0	-	1	7.0*
MONTEREY	2	0.5*	3	0.7*	1	0.2*	1	0.2*	0	-	0	-	0	-	0	-	0	-	1	0.2*
NAPA	1	0.8*	1	0.8*	0	-	1	0.8*	1	0.8*	0	-	3	2.3*	0	-	2	1.5*	0	-
NEVADA	6	6.4*	2	2.1*	3	3.1*	1	1.0*	3	3.1*	2	2.0*	3	3.0*	2	2.0*	2	2.0*	1	1.0*
ORANGE	0	-	3	0.1*	2	0.1*	0	-	3	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	6	0.2*
PLACER	3	1.1*	2	0.7*	1	0.3*	2	0.7*	3	1.0*	1	0.3*	1	0.3*	1	0.3*	1	0.3*	0	-
PLUMAS	1	4.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	3	0.2*	0	-	2	0.1*	2	0.1*	3	0.2*	0	-	0	-	2	0.1*	5	0.2*	0	-
SACRAMENTO	4	0.3*	2	0.2*	4	0.3*	3	0.2*	5	0.4*	3	0.2*	2	0.1*	0	-	2	0.1*	1	0.1*
SAN BENITO	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-
SAN BERNARDINO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.0*	2	0.1*	0	-
SAN DIEGO	4	0.1*	6	0.2*	2	0.1*	4	0.1*	8	0.3*	10	0.3*	5	0.2*	3	0.1*	11	0.4*	10	0.3*
SAN FRANCISCO	4	0.5*	4	0.5*	2	0.3*	1	0.1*	10	1.3*	4	0.5*	6	0.8*	2	0.3*	1	0.1*	5	0.6*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	0	-	2	0.7*	0	-	0	-
SAN MATEO	4	0.6*	5	0.7*	3	0.4*	1	0.1*	4	0.6*	3	0.4*	1	0.1*	1	0.1*	10	1.4*	2	0.3*
SANTA BARBARA	1	0.2*	3	0.7*	4	1.0*	0	-	0	-	0	-	4	1.0*	1	0.2*	7	1.7*	2	0.5*
SANTA CLARA	3	0.2*	5	0.3*	4	0.2*	0	-	2	0.1*	9	0.5*	2	0.1*	1	0.1*	2	0.1*	6	0.3*
SANTA CRUZ	10	3.9*	1	0.4*	8	3.1*	2	0.8*	0	-	7	2.7*	4	1.6*	1	0.4*	8	3.1*	7	2.7*
SHASTA	2	1.2*	1	0.6*	0	-	2	1.2*	3	1.7*	0	-	0	-	1	0.6*	0	-	1	0.6*
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	1	29.9*	0	-	0	-	0	-
SISKIYOU	2	4.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	5	1.1*	3	0.6*	8	1.7*	1	0.2*	11	2.3*	6	1.3*	10	2.1*	9	1.9*	9	1.9*	5	1.0*
STANISLAUS	2	0.4*	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-
SUTTER	1	1.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-
TRINITY	1	7.7*	1	7.6*	1	7.5*	3	22.2*	3	21.8*	0	-	1	7.3*	0	-	0	-	0	-
TULARE	2	0.5*	0	-	0	-	0	-	0	-	0	-	1	0.2*	1	0.2*	1	0.2*	1	0.2*
TUOLUMNE	2	3.6*	1	1.8*	0	-	0	-	1	1.8*	1	1.8*	0	-	0	-	0	-	0	-
VENTURA	2	0.3*	1	0.1*	1	0.1*	2	0.3*	1	0.1*	0	-	4	0.5*	2	0.2*	1	0.1*	2	0.2*
YOLO	0	-	2	1.1*	0	-	1	0.5*	0	-	2	1.0*	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.4*	0	-

Rates are expressed as cases per 100,000 population.  
\*Potentially unreliable rate, relative standard error 23 percent or more

## Lyme Disease

Lyme Disease, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	90	92	77	51	97	86	90	69	102	89	
JANUARY	5	3	3	2	8	8	6	4	7	3	
FEBRUARY	1	5	4	2	4	3	2	2	2	5	
MARCH	7	4	8	2	2	2	4	5	1	3	
APRIL	10	6	4	1	4	4	3	2	8	10	
MAY	5	8	1	8	4	5	4	3	8	10	
JUNE	9	11	11	7	8	19	15	6	8	16	
JULY	12	16	16	8	16	12	26	17	27	15	
AUGUST	13	14	15	8	14	10	13	10	19	9	
SEPTEMBER	10	11	1	4	19	8	3	7	10	6	
OCTOBER	5	7	8	3	6	5	8	5	6	7	
NOVEMBER	8	1	4	3	9	5	3	6	4	2	
DECEMBER	5	6	2	3	3	5	3	2	2	3	

Lyme Disease, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	90	0.3	92	0.3	77	0.2	51	0.1	97	0.3	86	0.2	90	0.2	69	0.2	102	0.3	89	0.2
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	4	0.2*	5	0.3*	3	0.1*	1	0.0*	1	0.0*	1	0.0*	2	0.1*	3	0.1*	2	0.1*	2	0.1*
5-9	8	0.3*	8	0.3*	4	0.2*	5	0.2*	6	0.2*	9	0.4*	6	0.2*	5	0.2*	11	0.4*	8	0.3*
10-14	5	0.2*	4	0.1*	4	0.1*	8	0.3*	8	0.3*	8	0.3*	11	0.4*	6	0.2*	8	0.3*	7	0.3*
15-24	5	0.1*	6	0.1*	8	0.2*	6	0.1*	7	0.1*	11	0.2*	8	0.1*	10	0.2*	11	0.2*	4	0.1*
25-34	14	0.3*	12	0.2*	15	0.3*	10	0.2*	14	0.3*	10	0.2*	10	0.2*	7	0.1*	14	0.3*	20	0.4
35-44	10	0.2*	18	0.3*	14	0.3*	4	0.1*	17	0.3*	9	0.2*	7	0.1*	10	0.2*	19	0.4	9	0.2*
45-54	21	0.5	16	0.3*	13	0.3*	10	0.2*	20	0.4	17	0.3*	18	0.4*	16	0.3*	19	0.4	14	0.3*
55-64	13	0.5*	10	0.3*	7	0.2*	3	0.1*	13	0.4*	11	0.3*	13	0.4*	8	0.2*	9	0.2*	17	0.4*
65+	9	0.2*	11	0.3*	9	0.2*	3	0.1*	11	0.3*	10	0.3*	15	0.4*	4	0.1*	9	0.2*	7	0.2*
UNKNOWN	1	-	2	-	0	-	1	-	0	-	0	-	0	-	0	-	0	-	1	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Lyme Disease, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	90	0.3	92	0.3	77	0.2	51	0.1	97	0.3	86	0.2	90	0.2	69	0.2	102	0.3	89	0.2
ASIAN/PACIFIC ISLANDER	3	0.1*	3	0.1*	1	0.0*	2	0.0*	1	0.0*	1	0.0*	3	0.1*	0	-	5	0.1*	1	0.0*
BLACK, NOT HISPANIC	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
HISPANIC	5	0.0*	4	0.0*	3	0.0*	1	0.0*	4	0.0*	4	0.0*	5	0.0*	5	0.0*	8	0.1*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	3	1.7*	1	0.6*	3	1.7*	1	0.6*	3	1.8*	0	-	1	0.6*	0	-	1	0.6*	1	0.6*
WHITE, NOT HISPANIC	64	0.4	70	0.4	52	0.3	36	0.2	53	0.3	52	0.3	54	0.3	44	0.3	43	0.3	57	0.4
OTHER/UNKNOWN	14	-	14	-	18	-	11	-	35	-	29	-	27	-	20	-	45	-	28	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Malaria**

**Malaria, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	177	0.5	176	0.5	167	0.5	158	0.4	167	0.5	146	0.4	135	0.4	126	0.3	128	0.3	116	0.3
ALAMEDA COUNTY TOTAL	15	1.0*	27	1.8	15	1.0*	10	0.7*	19	1.3	12	0.8*	21	1.4	16	1.1*	12	0.8*	13	0.9*
ALAMEDA	14	1.0*	23	1.7	14	1.0*	10	0.7*	18	1.3*	11	0.8*	21	1.5	16	1.2*	12	0.9*	12	0.9*
BERKELEY	1	1.0*	4	3.8*	1	1.0*	0	-	1	0.9*	1	0.9*	0	-	0	-	0	-	1	0.9*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	1	2.4*	1	2.3*	0	-	0	-	1	2.2*	0	-	0	-	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	6	0.6*	4	0.4*	5	0.5*	5	0.5*	6	0.6*	5	0.5*	11	1.1*	5	0.5*	9	0.9*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	1	0.6*	1	0.6*	0	-	0	-	0	-	0	-
FRESNO	2	0.2*	0	-	2	0.2*	4	0.5*	1	0.1*	2	0.2*	5	0.6*	2	0.2*	3	0.3*	1	0.1*
GLENN	0	-	0	-	0	-	1	3.7*	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.8*	0	-	1	0.8*	0	-	1	0.8*	1	0.8*	1	0.8*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	1	0.6*	2	1.3*	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	1	0.1*	2	0.3*	1	0.1*	1	0.1*	1	0.1*	1	0.1*	2	0.2*	2	0.2*	1	0.1*	2	0.2*
KINGS	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	47	0.5	40	0.4	60	0.6	55	0.6	50	0.5	36	0.4	26	0.3	33	0.3	26	0.3	24	0.2
LOS ANGELES	47	0.5	38	0.4	59	0.6	53	0.6	46	0.5	33	0.4	26	0.3	30	0.3	25	0.3	24	0.3
LONG BEACH	0	-	1	0.2*	1	0.2*	2	0.4*	4	0.9*	1	0.2*	0	-	3	0.6*	0	-	0	-
PASADENA	0	-	1	0.7*	0	-	0	-	0	-	2	1.5*	0	-	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	2	0.8*	2	0.8*	2	0.8*	1	0.4*	1	0.4*	2	0.8*	0	-	3	1.2*	0	-	3	1.2*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	2	2.3*	0	-	2	2.3*	0	-	0	-	0	-	2	2.3*	1	1.1*	1	1.1*	1	1.1*
MERCED	0	-	2	0.9*	0	-	0	-	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	1	7.2*	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	2	0.5*	0	-	0	-	1	0.2*	2	0.5*	3	0.7*
NAPA	1	0.8*	0	-	0	-	0	-	1	0.8*	3	2.3*	0	-	0	-	0	-	1	0.7*
NEVADA	1	1.1*	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	1	1.0*	1	1.0*
ORANGE	12	0.4*	18	0.6*	11	0.4*	13	0.4*	11	0.4*	8	0.3*	6	0.2*	5	0.2*	7	0.2*	3	0.1*
PLACER	1	0.4*	0	-	0	-	2	0.7*	0	-	0	-	0	-	0	-	2	0.6*	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	5	0.3*	3	0.2*	2	0.1*	6	0.3*	2	0.1*	4	0.2*	0	-	2	0.1*	4	0.2*	7	0.3*
SACRAMENTO	9	0.7*	8	0.6*	6	0.5*	5	0.4*	6	0.4*	4	0.3*	4	0.3*	4	0.3*	4	0.3*	3	0.2*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	5	0.3*	12	0.7*	11	0.6*	4	0.2*	9	0.5*	7	0.4*	8	0.4*	1	0.0*	3	0.1*	3	0.1*
SAN DIEGO	12	0.4*	8	0.3*	6	0.2*	7	0.2*	12	0.4*	16	0.5*	7	0.2*	10	0.3*	15	0.5*	7	0.2*
SAN FRANCISCO	11	1.4*	9	1.1*	6	0.8*	11	1.4*	6	0.8*	4	0.5*	8	1.0*	4	0.5*	4	0.5*	2	0.2*
SAN JOAQUIN	2	0.3*	3	0.5*	0	-	0	-	3	0.5*	4	0.6*	4	0.6*	2	0.3*	2	0.3*	3	0.4*
SAN LUIS OBISPO	1	0.4*	0	-	0	-	0	-	1	0.4*	0	-	1	0.4*	2	0.7*	1	0.4*	2	0.7*
SAN MATEO	6	0.8*	3	0.4*	3	0.4*	1	0.1*	3	0.4*	3	0.4*	6	0.9*	0	-	3	0.4*	0	-
SANTA BARBARA	2	0.5*	3	0.7*	0	-	1	0.2*	1	0.2*	2	0.5*	1	0.2*	0	-	0	-	0	-
SANTA CLARA	20	1.2	24	1.4	27	1.6	21	1.2	19	1.1	20	1.2	14	0.8*	19	1.1	21	1.2	24	1.3
SANTA CRUZ	0	-	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	1	0.4*	3	1.2*	1	0.4*	2	0.8*
SHASTA	4	2.4*	0	-	0	-	0	-	0	-	2	1.1*	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	2	0.5*	0	-	0	-	2	0.5*	1	0.2*	0	-	0	-
SONOMA	3	0.6*	0	-	1	0.2*	0	-	1	0.2*	3	0.6*	3	0.6*	0	-	1	0.2*	0	-
STANISLAUS	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	2	0.4*	0	-	2	0.4*	1	0.2*	2	0.4*
SUTTER	0	-	0	-	1	1.2*	0	-	0	-	0	-	0	-	3	3.2*	2	2.1*	0	-
TEHAMA	0	-	0	-	1	1.7*	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.3*	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	2	0.5*
TUOLUMNE	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.3*	2	0.3*	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	2	0.2*	0	-	1	0.1*
YOLO	2	1.1*	2	1.1*	0	-	2	1.1*	2	1.1*	2	1.0*	0	-	0	-	1	0.5*	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.4*	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

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

## Malaria

Malaria, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	177	176	167	158	167	146	135	126	128	116
JANUARY	12	16	18	12	17	16	11	11	9	8
FEBRUARY	16	4	14	11	13	12	7	4	4	4
MARCH	16	12	9	8	11	9	9	8	6	2
APRIL	18	19	9	14	12	11	12	9	7	3
MAY	15	13	13	15	14	15	17	8	9	10
JUNE	21	24	11	16	14	16	11	14	13	11
JULY	16	22	16	23	13	21	14	14	16	32
AUGUST	21	21	19	15	19	17	19	15	19	17
SEPTEMBER	7	14	21	13	9	8	8	16	12	8
OCTOBER	14	9	14	9	24	11	14	12	9	5
NOVEMBER	8	14	9	11	15	6	9	7	11	11
DECEMBER	13	8	14	11	6	4	4	8	13	5

Malaria, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	177	0.5	176	0.5	167	0.5	158	0.4	167	0.5	146	0.4	135	0.4	126	0.3	128	0.3	116	0.3
0	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-
1-4	3	0.2*	3	0.2*	0	-	2	0.1*	6	0.3*	2	0.1*	3	0.1*	3	0.1*	3	0.1*	3	0.1*
5-9	2	0.1*	4	0.2*	5	0.2*	7	0.3*	7	0.3*	4	0.2*	6	0.2*	4	0.2*	2	0.1*	5	0.2*
10-14	8	0.3*	5	0.2*	8	0.3*	8	0.3*	3	0.1*	3	0.1*	5	0.2*	7	0.3*	5	0.2*	6	0.2*
15-24	43	0.9	38	0.8	35	0.7	19	0.4	31	0.6	30	0.6	18	0.3*	19	0.3	19	0.3	26	0.5
25-34	33	0.6	51	1.0	29	0.6	41	0.8	31	0.6	35	0.7	35	0.7	27	0.5	25	0.5	18	0.3*
35-44	37	0.7	24	0.4	38	0.7	29	0.5	34	0.6	29	0.5	19	0.4	21	0.4	27	0.5	24	0.5
45-54	30	0.7	31	0.7	20	0.4	23	0.5	33	0.7	28	0.6	25	0.5	23	0.4	22	0.4	10	0.2*
55-64	9	0.3*	10	0.3*	21	0.7	18	0.6*	9	0.3*	6	0.2*	16	0.4*	14	0.4*	17	0.4*	14	0.3*
65+	7	0.2*	7	0.2*	8	0.2*	10	0.3*	12	0.3*	9	0.2*	8	0.2*	7	0.2*	7	0.2*	10	0.2*
UNKNOWN	4	-	3	-	3	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

Malaria, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	177	0.5	176	0.5	167	0.5	158	0.4	167	0.5	146	0.4	135	0.4	126	0.3	128	0.3	116	0.3
ASIAN/PACIFIC ISLANDER	12	0.3*	22	0.5	20	0.5	19	0.4	20	0.5	20	0.4	25	0.5	28	0.6	20	0.4	35	0.7
BLACK, NOT HISPANIC	38	1.7	39	1.8	43	1.9	42	1.9	50	2.3	43	1.9	27	1.2	34	1.5	30	1.4	28	1.3
HISPANIC	28	0.2	11	0.1*	20	0.2	21	0.2	17	0.1*	7	0.1*	9	0.1*	6	0.0*	14	0.1*	6	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	1	0.6*	0	-	1	0.6*	0	-	0	-	1	0.6*	0	-	0	-
WHITE, NOT HISPANIC	36	0.2	38	0.2	46	0.3	39	0.2	31	0.2	27	0.2	22	0.1	16	0.1*	21	0.1	11	0.1*
OTHER/UNKNOWN	63	-	66	-	37	-	37	-	48	-	49	-	52	-	41	-	43	-	36	-

Rates are expressed as cases per 100,000 population.

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

### Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	0		0		1	0.0*	0		0		0		0		0	
ALAMEDA COUNTY TOTAL	0		0		0		0		0		0		0		0		0		0	
ALAMEDA	0		0		0		0		0		0		0		0		0		0	
BERKELEY	0		0		0		0		0		0		0		0		0		0	
ALPINE	0		0		0		0		0		0		0		0		0		0	
AMADOR	0		0		0		0		0		0		0		0		0		0	
BUTTE	0		0		0		0		0		0		0		0		0		0	
CALAVERAS	0		0		0		0		0		0		0		0		0		0	
COLUSA	0		0		0		0		0		0		0		0		0		0	
CONTRA COSTA	0		0		0		0		0		0		0		0		0		0	
DEL NORTE	0		0		0		0		0		0		0		0		0		0	
EL DORADO	0		0		0		0		0		0		0		0		0		0	
FRESNO	0		0		0		0		0		0		0		0		0		0	
GLENN	0		0		0		0		0		0		0		0		0		0	
HUMBOLDT	0		0		0		0		0		0		0		0		0		0	
IMPERIAL	0		0		0		0		0		0		0		0		0		0	
INYO	0		0		0		0		0		0		0		0		0		0	
KERN	1	0.1*	0		0		0		0		0		0		0		0		0	
KINGS	0		0		0		0		0		0		0		0		0		0	
LAKE	0		0		0		0		0		0		0		0		0		0	
LASSEN	0		0		0		0		0		0		0		0		0		0	
LOS ANGELES COUNTY TOTAL	0		0		0		0		0		0		0		0		0		0	
LOS ANGELES	0		0		0		0		0		0		0		0		0		0	
LONG BEACH	0		0		0		0		0		0		0		0		0		0	
PASADENA	0		0		0		0		0		0		0		0		0		0	
MADERA	0		0		0		0		0		0		0		0		0		0	
MARIN	0		0		0		0		0		0		0		0		0		0	
MARIPOSA	0		0		0		0		0		0		0		0		0		0	
MENDOCINO	0		0		0		0		0		0		0		0		0		0	
MERCED	0		0		0		0		0		0		0		0		0		0	
MODOC	0		0		0		0		0		0		0		0		0		0	
MONO	0		0		0		0		0		0		0		0		0		0	
MONTEREY	0		0		0		0		0		0		0		0		0		0	
NAPA	0		0		0		0		0		0		0		0		0		0	
NEVADA	0		0		0		0		0		0		0		0		0		0	
ORANGE	0		0		0		0		0		0		0		0		0		0	
PLACER	0		0		0		0		0		0		0		0		0		0	
PLUMAS	0		0		0		0		0		0		0		0		0		0	
RIVERSIDE	0		0		0		0		0		0		0		0		0		0	
SACRAMENTO	0		1	0.1*	0		0		0		0		0		0		0		0	
SAN BENITO	0		0		0		0		0		0		0		0		0		0	
SAN BERNARDINO	0		0		0		0		0		0		0		0		0		0	
SAN DIEGO	0		0		0		0		0		0		0		0		0		0	
SAN FRANCISCO	0		0		0		0		0		0		0		0		0		0	
SAN JOAQUIN	0		0		0		0		0		0		0		0		0		0	
SAN LUIS OBISPO	0		0		0		0		0		0		0		0		0		0	
SAN MATEO	0		0		0		0		0		0		0		0		0		0	
SANTA BARBARA	0		0		0		0		0		0		0		0		0		0	
SANTA CLARA	0		0		0		0		0		0		0		0		0		0	
SANTA CRUZ	0		0		0		0		0		0		0		0		0		0	
SHASTA	0		0		0		0		1	0.6*	0		0		0		0		0	
SIERRA	0		0		0		0		0		0		0		0		0		0	
SISKIYOU	0		0		0		0		0		0		0		0		0		0	
SOLANO	0		0		0		0		0		0		0		0		0		0	
SONOMA	0		0		0		0		0		0		0		0		0		0	
STANISLAUS	0		0		0		0		0		0		0		0		0		0	
SUTTER	0		0		0		0		0		0		0		0		0		0	
TEHAMA	0		0		0		0		0		0		0		0		0		0	
TRINITY	0		0		0		0		0		0		0		0		0		0	
TULARE	0		0		0		0		0		0		0		0		0		0	
TUOLUMNE	0		0		0		0		0		0		0		0		0		0	
VENTURA	0		0		0		0		0		0		0		0		0		0	
YOLO	0		0		0		0		0		0		0		0		0		0	
YUBA	0		0		0		0		0		0		0		0		0		0	

Rates are expressed as cases per 100,000 population.

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

### Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	1	1	0	0	1	0	0	0	0	0
JANUARY	0	0	0	0	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	0	0	0
MARCH	0	1	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	0	0	0
AUGUST	1	0	0	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	1	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0	0

Paralytic Shellfish Poisoning, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-	0	-	1	-	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

Plague, human, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	1	7.1*	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Plague, human

Plague, human, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	0	0	0	0	1	2	0	0	0	0	
JANUARY	0	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	0	0	0	0	0	
MARCH	0	0	0	0	0	0	0	0	0	0	
APRIL	0	0	0	0	0	1	0	0	0	0	
MAY	0	0	0	0	0	0	0	0	0	0	
JUNE	0	0	0	0	0	1	0	0	0	0	
JULY	0	0	0	0	0	0	0	0	0	0	
AUGUST	0	0	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	0	0	0	0	0	0	0	0	
OCTOBER	0	0	0	0	0	0	0	0	0	0	
NOVEMBER	0	0	0	0	1	0	0	0	0	0	
DECEMBER	0	0	0	0	0	0	0	0	0	0	

Plague, human, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-	0	-	0	-	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**

Psittacosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	16	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	4	0.0*	0	-
ALAMEDA COUNTY TOTAL	4	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	4	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	1	5.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	0	-
LOS ANGELES	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-
NEVADA	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
PLACER	5	1.9*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.8*	0	-
VENTURA	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
\*Potentially unreliable rate, relative standard error 23 percent or more

### Psittacosis

Psittacosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	16	1	1	1	2	2	1	1	4	0
JANUARY	1	0	0	0	0	0	1	0	1	0
FEBRUARY	0	0	0	0	0	1	0	0	0	0
MARCH	0	0	0	1	0	0	0	0	1	0
APRIL	1	0	1	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	1	0
JUNE	4	0	0	0	0	0	0	0	0	0
JULY	2	0	0	0	0	1	0	0	0	0
AUGUST	0	1	0	0	0	0	0	0	0	0
SEPTEMBER	6	0	0	0	1	0	0	0	0	0
OCTOBER	1	0	0	0	0	0	0	1	1	0
NOVEMBER	1	0	0	0	1	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0	0

Psittacosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	16	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	4	0.0*	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	3	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
25-34	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	3	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	2	0.0*	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
55-64	3	0.1*	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	3	0.1*	0	-
65+	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-
UNKNOWN	1	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	16	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	1	0.0*	1	0.0*	4	0.0*	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
HISPANIC	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	10	0.1*	0	-	1	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-
OTHER/UNKNOWN	3	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	2	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Q Fever**

**Q Fever, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	8	0.0*	14	0.0*	7	0.0*	13	0.0*	17	0.0*	21	0.1	20	0.1	24	0.1	19	0.1	19	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	3	7.2*	0	-	0	-	0	-	0	-	2	4.4*	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	3	0.3*	0	-	3	0.3*	2	0.2*	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	1	0.6*	0	-	0	-	1	0.6*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	2	0.3*	0	-	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	4	0.0*	0	-	4	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*
LOS ANGELES	1	0.0*	4	0.0*	0	-	4	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	0	-	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.8*	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.1*	5	0.3*	0	-	2	0.1*	5	0.3*	5	0.2*	2	0.1*	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	4	0.3*	2	0.1*	3	0.2*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	5	0.2*	2	0.1*	0	-	5	0.2*
SAN DIEGO	0	-	0	-	1	0.0*	0	-	0	-	0	-	3	0.1*	1	0.0*	3	0.1*	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-
SAN JOAQUIN	1	0.2*	0	-	0	-	0	-	5	0.8*	0	-	1	0.1*	0	-	1	0.1*	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	2	0.3*	2	0.3*	0	-	0	-	0	-	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	1	0.1*	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	1	0.4*	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	0	-	0	-	0	-	1	0.2*	2	0.4*	3	0.6*	2	0.4*	2	0.4*
STANISLAUS	0	-	2	0.4*	0	-	0	-	1	0.2*	1	0.2*	2	0.4*	2	0.4*	3	0.6*	2	0.4*
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	1.0*
YUBA	0	-	0	-	0	-	0	-	0	-	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

Q Fever, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	8	14	7	13	17	21	20	24	19	19
JANUARY	0	3	0	0	0	2	2	1	2	4
FEBRUARY	0	1	0	2	0	1	0	1	2	3
MARCH	1	2	1	2	1	1	3	2	1	2
APRIL	2	3	1	1	5	3	1	2	1	2
MAY	0	1	1	1	4	1	4	7	3	1
JUNE	3	0	2	2	2	2	2	3	1	4
JULY	0	1	0	0	2	3	1	3	2	1
AUGUST	1	2	0	2	0	4	4	1	1	1
SEPTEMBER	1	0	1	1	1	1	1	0	2	0
OCTOBER	0	0	1	1	1	0	1	4	2	1
NOVEMBER	0	0	0	0	1	0	1	0	2	0
DECEMBER	0	1	0	1	0	3	0	0	0	0

Q Fever, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8	0.0*	14	0.0*	7	0.0*	13	0.0*	17	0.0*	21	0.1	20	0.1	24	0.1	19	0.1	19	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	1	0.0*	2	0.0*	2	0.0*	1	0.0*	2	0.0*	1	0.0*	1	0.0*
25-34	1	0.0*	2	0.0*	0	-	1	0.0*	1	0.0*	3	0.1*	4	0.1*	2	0.0*	2	0.0*	2	0.0*
35-44	1	0.0*	4	0.1*	2	0.0*	5	0.1*	4	0.1*	3	0.1*	7	0.1*	4	0.1*	4	0.1*	2	0.0*
45-54	1	0.0*	2	0.0*	3	0.1*	3	0.1*	3	0.1*	6	0.1*	3	0.1*	3	0.1*	6	0.1*	8	0.2*
55-64	3	0.1*	2	0.1*	1	0.0*	2	0.1*	5	0.2*	5	0.1*	3	0.1*	6	0.2*	4	0.1*	4	0.1*
65+	2	0.1*	4	0.1*	0	-	1	0.0*	2	0.1*	2	0.1*	2	0.1*	3	0.1*	2	0.0*	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Q Fever, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8	0.0*	14	0.0*	7	0.0*	13	0.0*	17	0.0*	21	0.1	20	0.1	24	0.1	19	0.1	19	0.1
ASIAN/PACIFIC ISLANDER	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*	0	-	2	0.0*	1	0.0*
BLACK, NOT HISPANIC	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-
HISPANIC	1	0.0*	3	0.0*	3	0.0*	4	0.0*	7	0.1*	4	0.0*	6	0.0*	3	0.0*	6	0.0*	6	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	2	0.0*	7	0.0*	4	0.0*	6	0.0*	6	0.0*	12	0.1*	8	0.1*	16	0.1*	2	0.0*	8	0.1*
OTHER/UNKNOWN	3	-	3	-	0	-	2	-	2	-	5	-	4	-	5	-	8	-	4	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Rabies, animal**

Rabies, animal, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	321	N/A	252	N/A	217	N/A	184	N/A	206	N/A	201	N/A	188	N/A	178	N/A	226	N/A	175	N/A
ALAMEDA COUNTY TOTAL	10	N/A	8	N/A	10	N/A	7	N/A	6	N/A	1	N/A	3	N/A	3	N/A	3	N/A	3	N/A
ALAMEDA	10	N/A	8	N/A	10	N/A	7	N/A	6	N/A	1	N/A	3	N/A	3	N/A	3	N/A	3	N/A
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	1	N/A	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	2	N/A	1	N/A	1	N/A	0	-	1	N/A	1	N/A	2	N/A	6	N/A	2	N/A	4	N/A
BUTTE	58	N/A	15	N/A	8	N/A	6	N/A	13	N/A	8	N/A	5	N/A	13	N/A	9	N/A	6	N/A
CALAVERAS	0	-	2	N/A	2	N/A	1	N/A	0	-	1	N/A	2	N/A	0	-	0	-	0	-
COLUSA	2	N/A	1	N/A	2	N/A	0	-	3	N/A	0	-	1	N/A	2	N/A	2	N/A	2	N/A
CONTRA COSTA	15	N/A	15	N/A	8	N/A	11	N/A	13	N/A	7	N/A	7	N/A	2	N/A	3	N/A	2	N/A
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-
EL DORADO	9	N/A	10	N/A	4	N/A	3	N/A	5	N/A	2	N/A	3	N/A	1	N/A	6	N/A	7	N/A
FRESNO	5	N/A	3	N/A	3	N/A	2	N/A	6	N/A	15	N/A	8	N/A	2	N/A	7	N/A	0	-
GLENN	9	N/A	8	N/A	7	N/A	7	N/A	6	N/A	3	N/A	4	N/A	4	N/A	2	N/A	1	N/A
HUMBOLDT	4	N/A	6	N/A	17	N/A	4	N/A	2	N/A	5	N/A	7	N/A	9	N/A	40	N/A	4	N/A
IMPERIAL	1	N/A	0	-	1	N/A	1	N/A	1	N/A	2	N/A	1	N/A	0	-	2	N/A	2	N/A
INYO	6	N/A	1	N/A	0	-	2	N/A	0	-	2	N/A	1	N/A	0	-	0	-	0	-
KERN	2	N/A	3	N/A	1	N/A	6	N/A	6	N/A	10	N/A	5	N/A	0	-	4	N/A	2	N/A
KINGS	1	N/A	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	1	N/A	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	N/A	0	-	1	N/A	0	-	0	-	1	N/A	0	-	0	-	3	N/A
LOS ANGELES COUNTY TOTAL	7	N/A	9	N/A	10	N/A	5	N/A	13	N/A	7	N/A	24	N/A	9	N/A	12	N/A	22	N/A
LOS ANGELES	7	N/A	9	N/A	10	N/A	5	N/A	13	N/A	7	N/A	24	N/A	9	N/A	12	N/A	22	N/A
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	4	N/A	1	N/A	0	-	0	-	0	-	1	N/A	1	N/A	0	-	1	N/A	3	N/A
MARIN	4	N/A	13	N/A	10	N/A	8	N/A	8	N/A	17	N/A	6	N/A	10	N/A	6	N/A	4	N/A
MARIPOSA	1	N/A	1	N/A	3	N/A	2	N/A	5	N/A	1	N/A	0	-	0	-	1	N/A	0	-
MENDOCINO	1	N/A	1	N/A	1	N/A	0	-	0	-	0	-	1	N/A	1	N/A	0	-	0	-
MERCED	0	-	3	N/A	2	N/A	1	N/A	1	N/A	1	N/A	1	N/A	0	-	1	N/A	0	-
MODOC	0	-	0	-	1	N/A	1	N/A	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-
MONTEREY	9	N/A	6	N/A	7	N/A	1	N/A	11	N/A	11	N/A	6	N/A	6	N/A	6	N/A	5	N/A
NAPA	1	N/A	0	-	6	N/A	4	N/A	4	N/A	0	-	1	N/A	0	-	3	N/A	1	N/A
NEVADA	1	N/A	2	N/A	1	N/A	4	N/A	5	N/A	7	N/A	0	-	0	-	4	N/A	0	-
ORANGE	8	N/A	1	N/A	5	N/A	6	N/A	8	N/A	3	N/A	6	N/A	4	N/A	10	N/A	17	N/A
PLACER	8	N/A	18	N/A	12	N/A	9	N/A	5	N/A	14	N/A	7	N/A	6	N/A	11	N/A	3	N/A
PLUMAS	0	-	0	-	0	-	0	-	0	-	1	N/A	0	-	0	-	0	-	0	-
RIVERSIDE	9	N/A	2	N/A	3	N/A	2	N/A	7	N/A	4	N/A	8	N/A	7	N/A	7	N/A	4	N/A
SACRAMENTO	8	N/A	6	N/A	8	N/A	7	N/A	7	N/A	6	N/A	2	N/A	8	N/A	4	N/A	7	N/A
SAN BENITO	0	-	7	N/A	1	N/A	2	N/A	4	N/A	4	N/A	1	N/A	2	N/A	3	N/A	3	N/A
SAN BERNARDINO	7	N/A	5	N/A	2	N/A	8	N/A	5	N/A	6	N/A	9	N/A	12	N/A	5	N/A	7	N/A
SAN DIEGO	14	N/A	11	N/A	9	N/A	4	N/A	6	N/A	8	N/A	11	N/A	6	N/A	10	N/A	13	N/A
SAN FRANCISCO	3	N/A	2	N/A	2	N/A	2	N/A	5	N/A	1	N/A	2	N/A	3	N/A	5	N/A	4	N/A
SAN JOAQUIN	6	N/A	11	N/A	10	N/A	6	N/A	5	N/A	5	N/A	3	N/A	6	N/A	1	N/A	4	N/A
SAN LUIS OBISPO	7	N/A	6	N/A	2	N/A	3	N/A	3	N/A	1	N/A	1	N/A	0	-	4	N/A	1	N/A
SAN MATEO	0	-	1	N/A	1	N/A	0	-	0	-	0	-	2	N/A	0	-	2	N/A	2	N/A
SANTA BARBARA	35	N/A	15	N/A	10	N/A	11	N/A	9	N/A	7	N/A	1	N/A	5	N/A	19	N/A	4	N/A
SANTA CLARA	2	N/A	4	N/A	5	N/A	6	N/A	2	N/A	2	N/A	1	N/A	2	N/A	3	N/A	2	N/A
SANTA CRUZ	4	N/A	0	-	1	N/A	3	N/A	1	N/A	1	N/A	2	N/A	0	-	2	N/A	2	N/A
SHASTA	7	N/A	4	N/A	2	N/A	1	N/A	8	N/A	2	N/A	6	N/A	0	-	1	N/A	3	N/A
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	1	N/A	1	N/A	0	-	0	-	0	-	0	-	1	N/A	2	N/A	0	-	0	-
SOLANO	7	N/A	3	N/A	3	N/A	6	N/A	3	N/A	3	N/A	1	N/A	0	-	0	-	1	N/A
SONOMA	0	-	3	N/A	0	-	2	N/A	2	N/A	0	-	4	N/A	3	N/A	0	-	1	N/A
STANISLAUS	2	N/A	3	N/A	1	N/A	1	N/A	1	N/A	0	-	1	N/A	3	N/A	0	-	0	-
SUTTER	5	N/A	8	N/A	8	N/A	1	N/A	3	N/A	2	N/A	3	N/A	5	N/A	3	N/A	2	N/A
TEHAMA	0	-	1	N/A	0	-	1	N/A	0	-	0	-	0	-	0	-	0	-	1	N/A
TRINITY	0	-	1	N/A	0	-	0	-	0	-	0	-	2	N/A	1	N/A	0	-	1	N/A
TULARE	4	N/A	0	-	3	N/A	3	N/A	0	-	8	N/A	1	N/A	0	-	2	N/A	2	N/A
TUOLUMNE	14	N/A	3	N/A	2	N/A	4	N/A	1	N/A	2	N/A	3	N/A	8	N/A	4	N/A	4	N/A
VENTURA	10	N/A	11	N/A	3	N/A	6	N/A	2	N/A	9	N/A	7	N/A	3	N/A	2	N/A	8	N/A
YOLO	6	N/A	12	N/A	14	N/A	8	N/A	4	N/A	7	N/A	12	N/A	21	N/A	12	N/A	7	N/A
YUBA	0	-	3	N/A	4	N/A	4	N/A	6	N/A	3	N/A	0	-	2	N/A	1	N/A	1	N/A

Rates are expressed as cases per 100,000 population.

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

**Rabies, animal****Rabies, animal, Cases by Month of Estimated Illness Onset, California, 2001 to 2010**

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>TOTAL</b>	321	252	217	184	206	201	188	178	226	175
<b>JANUARY</b>	11	5	5	7	4	3	5	2	7	4
<b>FEBRUARY</b>	17	10	12	0	4	5	4	4	7	3
<b>MARCH</b>	36	20	18	16	17	21	14	9	14	15
<b>APRIL</b>	35	26	20	17	22	12	15	22	29	12
<b>MAY</b>	35	23	21	23	18	22	21	17	22	7
<b>JUNE</b>	24	26	23	22	15	17	20	17	22	19
<b>JULY</b>	30	28	29	9	20	21	17	26	23	26
<b>AUGUST</b>	43	31	17	26	36	24	29	18	32	29
<b>SEPTEMBER</b>	28	39	29	26	31	34	18	26	32	18
<b>OCTOBER</b>	40	24	24	25	23	26	21	23	17	25
<b>NOVEMBER</b>	14	14	11	8	10	12	16	9	13	13
<b>DECEMBER</b>	8	6	8	5	6	4	8	5	8	4

**Rabies, human**

Rabies, human, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	1	3.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	1	7.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Rabies, human

Rabies, human, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	1	1	1	1	0	1	0	1	0	0
JANUARY	1	0	0	0	0	0	0	0	0	0
FEBRUARY	0	0	0	0	0	0	0	0	0	0
MARCH	0	1	0	0	0	0	0	1	0	0
APRIL	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	0	0	0
AUGUST	0	0	1	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	1	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	1	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	0	0

Rabies, human, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-
25-34	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
55-64	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
65+	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
ASIAN/PACIFIC ISLANDER	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-	0	-	0	-	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

Relapsing Fever, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	7	0.0*	19	0.1	7	0.0*	7	0.0*	5	0.0*	5	0.0*	3	0.0*	12	0.0*	3	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	1	2.6*	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	1	2.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	1	0.1*	1	0.1*	0	-	0	-	2	0.2*	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.6*	0	-	3	1.7*	1	0.6*	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	2	10.9*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	2	3.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	1	0.0*	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	1	0.0*	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	3	1.2*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	2	14.9*	1	7.4*	1	7.3*	0	-	1	7.1*	0	-	0	-	0	-	1	7.0*
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	4	4.3*	0	-	0	-	0	-	0	-	0	-	2	2.0*	0	-	0	-	1	1.0*
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
PLACER	0	-	1	0.4*	1	0.3*	1	0.3*	0	-	0	-	0	-	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	0	-
SAN FRANCISCO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	3	1.1*	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	2	0.1*	2	0.1*	1	0.1*	0	-	0	-	3	0.2*	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	3	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	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

Relapsing Fever, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	7	19	7	7	5	5	3	12	3	5
JANUARY	0	0	1	0	0	0	0	1	0	1
FEBRUARY	0	0	0	1	0	0	0	1	0	0
MARCH	1	1	0	1	0	0	0	0	0	0
APRIL	0	2	1	0	1	0	0	0	0	0
MAY	3	0	0	1	0	0	0	0	0	0
JUNE	1	3	1	0	0	2	0	0	0	1
JULY	1	6	1	1	1	3	0	4	1	3
AUGUST	0	3	2	1	1	0	2	1	2	0
SEPTEMBER	0	2	0	2	2	0	0	3	0	0
OCTOBER	1	0	0	0	0	0	0	2	0	0
NOVEMBER	0	1	0	0	0	0	0	0	0	0
DECEMBER	0	1	1	0	0	0	1	0	0	0

Relapsing Fever, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	7	0.0*	19	0.1	7	0.0*	7	0.0*	5	0.0*	5	0.0*	3	0.0*	12	0.0*	3	0.0*	5	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	2	0.1*	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-
5-9	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
10-14	0	-	4	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*
15-24	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	5	0.1*	0	-	1	0.0*
25-34	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	0	-	0	-
35-44	1	0.0*	3	0.1*	0	-	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	0	-
45-54	3	0.1*	1	0.0*	0	-	4	0.1*	0	-	1	0.0*	0	-	2	0.0*	2	0.0*	3	0.1*
55-64	0	-	5	0.2*	2	0.1*	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-
65+	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	0	-	0	-	2	0.0*	1	0.0*	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	7	0.0*	19	0.1	7	0.0*	7	0.0*	5	0.0*	5	0.0*	3	0.0*	12	0.0*	3	0.0*	5	0.0*
ASIAN/PACIFIC ISLANDER	0	-	1	0.0*	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	5	0.0*	15	0.1*	4	0.0*	5	0.0*	3	0.0*	4	0.0*	3	0.0*	10	0.1*	0	-	3	0.0*
OTHER/UNKNOWN	2	-	3	-	3	-	0	-	1	-	0	-	0	-	2	-	3	-	2	-

Rates are expressed as cases per 100,000 population.

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

Salmonellosis

Salmonellosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4,141	12.0	4,109	11.8	3,969	11.2	4,275	12.0	4,532	12.6	4,947	13.6	4,538	12.4	5,049	13.7	4,905	13.2	5,051	13.5
ALAMEDA COUNTY TOTAL	224	15.3	250	17.0	207	14.1	205	14.0	228	15.6	250	17.1	240	16.3	200	13.4	284	18.9	257	17.0
ALAMEDA	215	15.8	236	17.3	196	14.4	194	14.3	200	14.8	231	17.0	216	15.8	191	13.8	270	19.4	240	17.1
BERKELEY	9	8.6*	14	13.3*	11	10.5*	11	10.4*	28	26.5	19	17.7	24	22.0	9	8.2*	14	12.6*	17	15.1*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	2	5.6*	0	-	4	10.9*	2	5.4*	1	2.7*	0	-	3	7.9*	3	7.9*	4	10.6*	3	7.9*
BUTTE	31	15.1	21	10.1	23	10.9	22	10.4	38	17.8	42	19.5	20	9.2	30	13.7	27	12.3	57	25.9
CALAVERAS	2	4.8*	3	7.1*	4	9.3*	5	11.4*	9	20.1*	3	6.6*	3	6.6*	6	13.1*	6	13.2*	4	8.8*
COLUSA	2	10.5*	1	5.2*	2	10.2*	3	14.9*	5	24.3*	0	-	1	4.7*	2	9.4*	2	9.4*	0	-
CONTRA COSTA	103	10.6	100	10.2	119	12.0	122	12.2	122	12.1	120	11.9	125	12.2	136	13.2	144	13.8	154	14.6
DEL NORTE	1	3.6*	0	-	2	7.2*	0	-	2	7.1*	5	17.7*	2	7.0*	3	10.5*	3	10.5*	0	-
EL DORADO	13	8.0*	16	9.7*	8	4.8*	14	8.2*	18	10.4*	17	9.7*	32	18.1	28	15.7	38	21.1	23	12.7
FRESNO	140	17.2	142	17.1	106	12.5	101	11.7	123	14.1	127	14.3	119	13.2	158	17.3	165	17.9	142	15.2
GLENN	4	15.0*	0	-	1	3.7*	4	14.7*	4	14.5*	1	3.6*	3	10.7*	1	3.6*	0	-	3	10.7*
HUMBOLDT	14	11.0*	8	6.2*	12	9.2*	14	10.7*	17	12.9*	9	6.8*	16	12.1*	25	18.8	12	9.0*	11	8.2*
IMPERIAL	21	14.5	26	17.7	25	16.6	25	16.2	45	28.5	29	17.8	31	18.6	28	16.5	41	23.7	44	25.1
INYO	3	16.5*	1	5.4*	2	10.8*	2	10.8*	5	27.1*	1	5.4*	6	32.5*	3	16.3*	0	-	1	5.4*
KERN	75	11.0	73	10.5	73	10.2	51	6.9	86	11.3	83	10.6	74	9.2	87	10.6	76	9.1	94	11.2
KINGS	14	10.6*	27	20.0	11	7.9*	6	4.2*	11	7.6*	5	3.4*	18	12.0*	11	7.2*	16	10.5*	6	3.9*
LAKE	7	11.7*	3	4.9*	6	9.7*	4	6.4*	6	9.5*	3	4.7*	5	7.8*	1	1.6*	6	9.3*	4	6.2*
LASSEN	0	-	2	6.0*	1	2.9*	4	11.6*	2	5.8*	0	-	4	11.2*	0	-	1	2.9*	0	-
LOS ANGELES COUNTY TOTAL	1,061	11.0	1,010	10.4	1,067	10.9	1,265	12.9	1,138	11.6	1,285	13.1	1,148	11.7	1,712	17.5	1,246	12.7	1,204	12.3
LOS ANGELES	1,000	11.1	965	10.6	1,012	11.0	1,204	13.1	1,080	11.7	1,219	13.3	1,075	11.7	1,647	17.9	1,193	13.0	1,145	12.4
LONG BEACH	45	9.7	34	7.3	39	8.3	54	11.4	41	8.7	51	10.9	60	12.9	45	9.7	42	9.1	46	9.9
PASADENA	16	11.9*	11	8.1*	16	11.6*	7	5.1*	17	12.4*	15	11.0*	13	9.6*	20	14.8	11	8.1*	13	9.5*
MADERA	20	15.8	23	17.9	24	18.1	18	13.2*	14	10.0*	31	21.6	26	17.7	35	23.5	32	21.3	17	11.2*
MARIN	14	5.7*	12	4.9*	17	6.9*	32	13.0	36	14.6	21	8.5	28	11.3	40	16.0	40	15.9	32	12.7
MARIPOSA	2	11.6*	2	11.5*	1	5.6*	1	5.6*	3	16.6*	5	27.4*	4	21.8*	1	5.4*	0	-	0	-
MENDOCINO	8	9.2*	15	17.1*	7	8.0*	6	6.8*	10	11.4*	6	6.9*	5	5.7*	8	9.1*	9	10.3*	13	14.8*
MERCED	22	10.1	59	26.5	47	20.5	30	12.7	29	12.1	51	20.8	40	16.0	36	14.3	37	14.6	31	12.1
MODOC	0	-	0	-	0	-	1	10.4*	1	10.4*	2	20.7*	0	-	0	-	1	10.4*	0	-
MONO	1	7.6*	0	-	3	22.1*	1	7.3*	0	-	4	28.3*	0	-	0	-	1	7.1*	1	7.0*
MONTEREY	47	11.6	62	15.2	46	11.2	40	9.7	95	23.3	54	13.3	61	15.0	39	9.5	34	8.2	53	12.7
NAPA	25	19.8	21	16.4	11	8.5*	24	18.4	23	17.6	14	10.6*	20	15.0	12	8.9*	16	11.8*	13	9.5*
NEVADA	11	11.8*	9	9.5*	7	7.3*	7	7.2*	13	13.3*	11	11.2*	8	8.1*	12	12.2*	14	14.2*	16	16.2*
ORANGE	271	9.4	290	10.0	260	8.8	283	9.6	324	11.0	358	12.1	297	10.0	268	9.0	349	11.6	392	13.0
PLACER	25	9.4	28	10.1	36	12.4	34	11.2	43	13.8	36	11.2	30	9.1	31	9.2	34	9.9	53	15.1
PLUMAS	1	4.8*	2	9.7*	0	-	1	4.8*	5	24.0*	2	9.7*	3	14.6*	1	4.9*	0	-	1	5.0*
RIVERSIDE	143	8.8	124	7.3	115	6.5	120	6.5	145	7.5	184	9.1	185	8.9	190	8.9	175	8.1	205	9.4
SACRAMENTO	179	14.1	161	12.4	136	10.3	152	11.3	130	9.6	165	12.0	149	10.7	126	9.0	153	10.8	133	9.4
SAN BENITO	12	21.9*	16	29.0*	6	10.8*	4	7.2*	9	16.3*	11	20.0*	16	29.1*	18	32.7*	13	23.6*	13	23.5*
SAN BERNARDINO	145	8.2	139	7.7	140	7.6	169	8.9	229	11.8	237	12.0	179	8.9	211	10.5	202	10.0	209	10.3
SAN DIEGO	326	11.4	333	11.4	436	14.8	447	15.1	442	14.9	518	17.4	465	15.4	458	15.0	472	15.3	523	16.9
SAN FRANCISCO	171	21.9	156	19.9	119	15.2	127	16.3	126	16.2	113	14.4	127	16.0	120	15.0	145	18.1	167	20.7
SAN JOAQUIN	82	13.9	93	15.4	72	11.6	92	14.4	82	12.6	117	17.7	95	14.2	96	14.2	117	17.2	115	16.7
SAN LUIS OBISPO	21	8.3	20	7.9	11	4.3*	24	9.3	24	9.2	45	17.2	21	7.9	28	10.5	14	5.2*	34	12.6
SAN MATEO	126	17.8	154	21.8	131	18.6	93	13.3	125	17.9	139	19.9	118	16.8	102	14.3	110	15.4	138	19.2
SANTA BARBARA	43	10.7	50	12.3	51	12.5	43	10.5	45	10.9	78	18.9	58	13.9	44	10.5	42	9.9	54	12.7
SANTA CLARA	305	18.0	285	16.8	265	15.6	243	14.3	305	17.9	358	20.9	307	17.7	281	16.0	302	17.0	319	17.9
SANTA CRUZ	11	4.3*	13	5.1*	8	3.1*	44	17.3	27	10.6	29	11.4	37	14.4	57	21.9	61	23.3	31	11.8
SHASTA	12	7.2*	16	9.4*	13	7.6*	15	8.6*	21	12.1	18	10.3*	20	11.4	18	10.2*	21	11.9	19	10.7
SIERRA	2	55.8*	0	-	0	-	0	-	0	-	0	-	1	29.9*	0	-	0	-	0	-
SISKIYOU	3	6.8*	2	4.5*	2	4.5*	2	4.5*	5	11.1*	2	4.5*	2	4.5*	1	2.2*	9	20.0*	3	6.7*
SOLANO	77	19.1	53	13.0	54	13.2	44	10.7	51	12.4	66	16.0	45	10.9	52	12.6	49	11.9	43	10.4
SONOMA	47	10.1	48	10.3	52	11.1	63	13.4	47	10.0	37	7.9	48	10.1	42	8.8	65	13.5	63	13.0
STANISLAUS	85	18.4	58	12.2	71	14.7	77	15.7	78	15.7	71	14.1	70	13.8	69	13.5	70	13.7	115	22.3
SUTTER	10	12.5*	6	7.3*	8	9.5*	10	11.6*	12	13.6*	13	14.3*	10	10.8*	11	11.8*	12	12.7*	9	9.5*
TEHAMA	5	8.9*	7	12.2*	4	6.8*	2	3.4*	3	5.0*	5	8.1*	5	8.1*	8	12.8*	14	22.2*	11	17.3*
TRINITY	0	-	0	-	1	7.5*	3	22.2*	2	14.5*	1	7.2*	0	-	0	-	0	-	0	-
TULARE	57	15.2	56	14.7	58	14.9	57	14.3	65	15.9	74	17.8	85	20.1	87	20.2	106	24.2	62	14.0
TUOLUMNE	6	10.8*	4	7.2*	2	3.5*	6	10.6*	2	3.5*	6	10.6*	4	7.1*	1	1.8*	0	-	1	1.8*
VENTURA	79	10.3	88	11.3	60	7.6	75	9.4	81	10.2	57	7.1	91	11.3	84	10.3	85	10.4	120	14.5
YOLO	18	10.3*	14	7.8*	15	8.2*	2													

## Salmonellosis

### Salmonellosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>TOTAL</b>	4,141	4,109	3,969	4,275	4,532	4,947	4,538	5,049	4,905	5,051
JANUARY	239	285	285	265	304	287	300	287	367	278
FEBRUARY	178	213	259	264	244	224	245	226	255	252
MARCH	244	241	272	320	271	234	276	234	314	293
APRIL	286	282	232	315	279	302	326	276	371	297
MAY	370	367	275	362	319	444	386	381	456	442
JUNE	465	412	353	395	440	496	459	395	474	681
JULY	440	464	441	468	563	641	545	520	554	688
AUGUST	500	470	459	458	567	633	557	457	604	666
SEPTEMBER	467	410	455	444	489	516	470	427	504	450
OCTOBER	383	410	427	407	402	470	362	1,035	406	430
NOVEMBER	317	282	283	339	322	393	363	439	315	319
DECEMBER	252	273	228	238	332	307	249	372	285	255

### Salmonellosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
<b>TOTAL</b>	4,141	12.0	4,109	11.8	3,969	11.2	4,275	12.0	4,532	12.6	4,947	13.6	4,538	12.4	5,049	13.7	4,905	13.2	5,051	13.5
0	367	70.6	331	64.0	275	52.6	376	71.8	349	66.5	358	68.0	383	72.5	322	60.9	333	66.7	263	53.4
1-4	711	36.2	739	37.1	687	33.9	640	31.1	746	36.1	876	42.6	780	38.0	1,183	57.5	875	42.7	763	37.6
5-9	405	15.1	421	15.8	370	14.0	456	17.5	464	18.0	501	19.5	423	16.5	424	16.6	457	18.2	495	19.8
10-14	234	8.7	221	8.0	222	8.0	281	10.0	268	9.6	316	11.4	267	9.8	272	10.1	299	11.5	282	10.9
15-24	407	8.2	417	8.2	386	7.5	441	8.4	459	8.6	514	9.5	449	8.2	507	9.2	513	9.3	570	10.2
25-34	515	9.7	490	9.3	506	9.7	467	9.0	526	10.2	505	9.8	474	9.2	537	10.3	559	10.6	596	11.2
35-44	442	8.0	457	8.3	440	8.0	457	8.3	466	8.5	501	9.2	425	7.9	502	9.3	433	8.3	491	9.5
45-54	334	7.4	358	7.7	389	8.2	387	8.0	426	8.6	463	9.2	424	8.3	447	8.6	506	9.6	514	9.8
55-64	238	8.7	239	8.3	252	8.3	279	8.8	277	8.4	323	9.4	328	9.2	334	9.0	371	9.4	439	10.8
65+	410	11.3	386	10.5	399	10.7	407	10.8	474	12.4	528	13.6	514	13.1	508	12.6	551	13.1	632	14.8
UNKNOWN	78	.	50	.	43	.	84	.	77	.	62	.	71	.	13	.	8	.	6	.

Rates are expressed as cases per 100,000 population.

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

### Salmonellosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
<b>TOTAL</b>	4,141	12.0	4,109	11.8	3,969	11.2	4,275	12.0	4,532	12.6	4,947	13.6	4,538	12.4	5,049	13.7	4,905	13.2	5,051	13.5
ASIAN/PACIFIC ISLANDER	308	7.5	309	7.4	305	7.1	297	6.8	357	8.0	433	9.6	344	7.5	327	7.0	327	6.9	467	9.4
BLACK, NOT HISPANIC	172	7.8	164	7.4	142	6.4	184	8.3	181	8.2	190	8.6	163	7.4	135	6.1	151	6.8	158	7.2
HISPANIC	1,179	10.3	1,277	10.8	1,250	10.3	1,307	10.5	1,351	10.7	1,560	12.1	1,437	10.9	1,640	12.2	1,530	11.1	1,502	10.7
AMERICAN INDIAN/ALASKAN NATIVE	13	7.4*	8	4.6*	6	3.4*	11	6.4*	10	5.8*	10	5.9*	11	6.5*	9	5.3*	10	5.9*	13	7.8*
WHITE, NOT HISPANIC	1,165	7.3	1,134	7.1	1,076	6.8	1,198	7.6	1,297	8.3	1,565	10.0	1,381	8.9	1,308	8.4	1,363	8.9	1,669	11.1
OTHER/UNKNOWN	1,304	-	1,217	-	1,190	-	1,278	-	1,336	-	1,189	-	1,202	-	1,630	-	1,524	-	1,242	-

Rates are expressed as cases per 100,000 population.

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

Includes cases identified as paratyphoid.

### Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	22	0.1	22	0.1	18	0.1*	30	0.1	26	0.1	28	0.1	34	0.1	18	0.0*	16	0.0*	22	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	2	0.1*	1	0.1*	3	0.2*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
ALAMEDA	1	0.1*	2	0.1*	1	0.1*	3	0.2*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	0	-	5	0.5*	2	0.2*	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	1	0.0*	3	0.0*	4	0.0*	3	0.0*	2	0.0*	4	0.0*	3	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	3	0.0*	2	0.0*	3	0.0*	1	0.0*	3	0.0*	3	0.0*
LONG BEACH	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-	1	0.2*	1	0.2*	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MADERA	22	0.4*	22	0.4*	18	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	1	0.4*	1	0.4*	1	0.4*	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.8*	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	12	0.4*	7	0.2*	6	0.2*	7	0.2*	3	0.1*	2	0.1*	5	0.2*	6	0.2*	3	0.1*	3	0.1*
PLACER	0	-	0	-	1	0.3*	0	-	0	-	2	0.6*	0	-	1	0.3*	0	-	2	0.6*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	3	0.1*	0	-	0	-	0	-
SACRAMENTO	0	-	1	0.1*	0	-	2	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	2	0.1*	7	0.2*	5	0.2*	10	0.3*	2	0.1*	3	0.1*	10	0.3*	2	0.1*	0	-	4	0.1*
SAN FRANCISCO	0	-	0	-	0	-	0	-	5	0.6*	4	0.5*	2	0.3*	2	0.3*	2	0.2*	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	1	0.4*	3	1.2*	0	-	0	-	0	-	0	-	1	0.4*
SAN MATEO	0	-	2	0.3*	0	-	2	0.3*	0	-	1	0.1*	0	-	1	0.1*	3	0.4*	0	-
SANTA BARBARA	0	-	0	-	1	0.2*	0	-	1	0.2*	2	0.5*	2	0.5*	0	-	0	-	1	0.2*
SANTA CLARA	2	0.1*	2	0.1*	1	0.1*	3	0.2*	1	0.1*	1	0.1*	3	0.2*	3	0.2*	3	0.2*	2	0.1*
SANTA CRUZ	2	0.8*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	2	0.8*
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	0	-	2	0.4*	1	0.2*	4	0.8*	0	-	2	0.4*	1	0.2*
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.3*	0	-	1	0.1*	0	-	0	-	2	0.2*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	22	22	18	30	26	28	34	18	16	22	
JANUARY	1	2	3	0	0	1	1	2	1	1	
FEBRUARY	2	1	1	1	1	1	1	2	0	1	
MARCH	1	1	2	2	1	0	8	0	2	2	
APRIL	3	2	0	7	0	3	2	1	1	6	
MAY	1	1	1	1	1	2	4	2	1	0	
JUNE	2	1	0	4	2	4	5	1	0	3	
JULY	3	0	7	2	0	5	7	2	3	1	
AUGUST	2	3	2	3	9	4	1	2	4	1	
SEPTEMBER	4	6	1	4	5	3	1	0	1	2	
OCTOBER	1	4	0	3	4	3	1	2	0	2	
NOVEMBER	0	0	0	3	3	1	3	1	3	3	
DECEMBER	2	1	1	0	0	1	0	3	0	0	

Scombroid Fish Poisoning, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	22	0.1	22	0.1	18	0.1*	30	0.1	26	0.1	28	0.1	34	0.1	18	0.0*	16	0.0*	22	0.1
0	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-
10-14	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.1*	0	-	0	-	0	-
15-24	1	0.0*	0	-	2	0.0*	5	0.1*	4	0.1*	3	0.1*	5	0.1*	2	0.0*	0	-	4	0.1*
25-34	4	0.1*	6	0.1*	3	0.1*	8	0.2*	5	0.1*	7	0.1*	7	0.1*	3	0.1*	3	0.1*	5	0.1*
35-44	9	0.2*	9	0.2*	5	0.1*	5	0.1*	4	0.1*	4	0.1*	5	0.1*	3	0.1*	3	0.1*	6	0.1*
45-54	5	0.1*	3	0.1*	6	0.1*	4	0.1*	7	0.1*	1	0.0*	13	0.3*	4	0.1*	5	0.1*	5	0.1*
55-64	1	0.0*	2	0.1*	2	0.1*	3	0.1*	2	0.1*	7	0.2*	1	0.0*	2	0.1*	3	0.1*	2	0.0*
65+	1	0.0*	1	0.0*	0	-	1	0.0*	1	0.0*	4	0.1*	0	-	2	0.0*	0	-	0	-
UNKNOWN	0	-	1	-	0	-	4	-	1	-	2	-	0	-	2	-	2	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Scombroid Fish Poisoning, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	22	0.1	22	0.1	18	0.1*	30	0.1	26	0.1	28	0.1	34	0.1	18	0.0*	16	0.0*	22	0.1
ASIAN/PACIFIC ISLANDER	0	-	3	0.1*	2	0.0*	3	0.1*	0	-	3	0.1*	3	0.1*	2	0.0*	4	0.1*	1	0.0*
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	2	0.0*	4	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.0*	4	0.0*	1	0.0*	0	-	4	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	9	0.1*	7	0.0*	11	0.1*	20	0.1	16	0.1*	11	0.1*	15	0.1*	3	0.0*	7	0.0*	11	0.1*
OTHER/UNKNOWN	11	-	8	-	4	-	6	-	9	-	10	-	12	-	12	-	5	-	6	-

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)

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Health Jurisdiction, California, 2007 to 2010

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET							
	2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	39	0.1	36	0.1	28	0.1	101	0.3
ALAMEDA COUNTY TOTAL	2	0.1*	2	0.1*	0	-	5	0.3*
ALAMEDA	1	0.1*	2	0.1*	0	-	4	0.3*
BERKELEY	1	0.9*	0	-	0	-	1	0.9*
ALPINE	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	2	0.2*	0	-	4	0.4*
DEL NORTE	0	-	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	1	0.6*	0	-
FRESNO	1	0.1*	3	0.3*	1	0.1*	3	0.3*
GLENN	0	-	0	-	0	-	0	-
HUMBOLDT	1	0.8*	1	0.8*	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-
KERN	3	0.4*	0	-	1	0.1*	0	-
KINGS	2	1.3*	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	1	1.5*
LASSEN	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	4	0.0*	2	0.0*	16	0.2*
LOS ANGELES	2	0.0*	2	0.0*	2	0.0*	16	0.2*
LONG BEACH	0	-	1	0.2*	0	-	0	-
PASADENA	0	-	1	0.7*	0	-	0	-
MADERA	0	-	2	1.3*	2	1.3*	1	0.7*
MARIN	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	1	1.1*
MERCED	2	0.8*	1	0.4*	1	0.4*	5	2.0*
MODOC	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	2	0.5*	0	-
NAPA	0	-	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	1	0.0*	2	0.1*	12	0.4*
PLACER	0	-	1	0.3*	0	-	0	-
PLUMAS	0	-	1	4.9*	0	-	0	-
RIVERSIDE	2	0.1*	1	0.0*	4	0.2*	8	0.4*
SACRAMENTO	0	-	0	-	0	-	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	3	0.1*	2	0.1*
SAN DIEGO	4	0.1*	3	0.1*	0	-	8	0.3*
SAN FRANCISCO	3	0.4*	0	-	1	0.1*	2	0.2*
SAN JOAQUIN	0	-	0	-	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-	1	0.1*
SANTA BARBARA	2	0.5*	2	0.5*	0	-	2	0.5*
SANTA CLARA	0	-	0	-	1	0.1*	10	0.6*
SANTA CRUZ	1	0.4*	1	0.4*	0	-	1	0.4*
SHASTA	0	-	1	0.6*	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*	0	-
SOLANO	0	-	0	-	0	-	0	-
SONOMA	1	0.2*	0	-	1	0.2*	2	0.4*
STANISLAUS	1	0.2*	0	-	0	-	2	0.4*
SUTTER	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-
TULARE	0	-	1	0.2*	1	0.2*	3	0.7*
TUOLUMNE	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	6	0.7*	2	0.2*	7	0.8*
YOLO	0	-	0	-	0	-	2	1.0*
YUBA	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

Reporting for Shiga Toxin Positive Feces (without culture confirmation) was required starting in 2007.

### Shiga Toxin Positive Feces (without culture confirmation)

Shiga Toxin Positive Feces (without culture confirmation), Cases by Month of Estimated Onset, California, 2007 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET			
	2007	2008	2009	2010
TOTAL	39	36	28	101
JANUARY	1	2	3	5
FEBRUARY	1	0	0	5
MARCH	1	5	1	3
APRIL	1	7	1	5
MAY	1	5	2	4
JUNE	3	1	4	8
JULY	4	6	3	20
AUGUST	5	1	4	14
SEPTEMBER	3	2	1	16
OCTOBER	8	3	5	4
NOVEMBER	7	0	2	9
DECEMBER	4	4	2	8

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Age Group, California, 2007 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET							
	2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	39	0.1	36	0.1	28	0.1	101	0.3
0	1	0.2*	2	0.4*	1	0.2*	4	0.8*
1-4	14	0.7*	13	0.6*	9	0.4*	33	1.6
5-9	2	0.1*	3	0.1*	3	0.1*	6	0.2*
10-14	2	0.1*	3	0.1*	2	0.1*	12	0.5*
15-24	4	0.1*	5	0.1*	6	0.1*	15	0.3*
25-34	3	0.1*	3	0.1*	0	-	7	0.1*
35-44	2	0.0*	1	0.0*	1	0.0*	2	0.0*
45-54	3	0.1*	1	0.0*	3	0.1*	5	0.1*
55-64	4	0.1*	2	0.1*	3	0.1*	4	0.1*
65+	4	0.1*	3	0.1*	0	-	13	0.3*
UNKNOWN	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 and Rates by Race/Ethnicity, California, 2007 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET							
	2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	39	0.1	36	0.1	28	0.1	101	0.3
ASIAN/PACIFIC ISLANDER	1	0.0*	2	0.0*	1	0.0*	5	0.1*
BLACK, NOT HISPANIC	1	0.0*	3	0.1*	2	0.1*	1	0.0*
HISPANIC	8	0.1*	12	0.1*	8	0.1*	43	0.3
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	15	0.1*	15	0.1*	9	0.1*	31	0.2
OTHER/UNKNOWN	14	-	4	-	8	-	21	-

Rates are expressed as cases per 100,000 population.

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

Reporting for Shiga Toxin Positive Feces (without culture confirmation) was required starting in 2007.



# Shigellosis

## Shigellosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2,203	6.4	2,774	7.9	2,078	5.9	1,850	5.2	2,219	6.2	1,835	5.1	1,325	3.6	1,642	4.5	1,055	2.8	1,086	2.9
ALAMEDA COUNTY TOTAL	97	6.6	107	7.3	83	5.7	51	3.5	100	6.8	75	5.1	51	3.5	61	4.1	35	2.3	37	2.4
ALAMEDA	93	6.8	102	7.5	74	5.4	48	3.5	95	7.0	67	4.9	43	3.1	61	4.4	30	2.2	33	2.4
BERKELEY	4	3.8*	5	4.8*	9	8.6*	3	2.8*	5	4.7*	8	7.4*	8	7.3*	0	-	5	4.5*	4	3.5*
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	4	10.6*
BUTTE	15	7.3*	0	-	9	4.3*	3	1.4*	3	1.4*	0	-	4	1.8*	2	0.9*	0	-	7	3.2*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	4.4*
COLUSA	0	-	1	5.2*	0	-	0	-	1	4.9*	0	-	1	4.7*	0	-	0	-	0	-
CONTRA COSTA	57	5.9	53	5.4	38	3.8	35	3.5	44	4.4	44	4.4	25	2.4	18	1.7*	23	2.2	17	1.6*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	1	3.5*	0	-	0	-	0	-
EL DORADO	0	-	1	0.6*	3	1.8*	1	0.6*	8	4.6*	4	2.3*	0	-	1	0.6*	0	-	2	1.1*
FRESNO	47	5.8	45	5.4	32	3.8	49	5.7	39	4.5	42	4.7	36	4.0	147	16.1	39	4.2	23	2.5
GLENN	3	11.3*	1	3.7*	1	3.7*	1	3.7*	0	-	0	-	0	-	0	-	0	-	2	7.1*
HUMBOLDT	15	11.8*	1	0.8*	3	2.3*	1	0.8*	2	1.5*	0	-	1	0.8*	11	8.3*	0	-	1	0.7*
IMPERIAL	25	17.3	58	39.4	16	10.6*	28	18.2	35	22.2	24	14.8	18	10.8*	24	14.1	21	12.1	49	27.9
INYO	0	-	0	-	0	-	1	5.4*	1	5.4*	1	5.4*	0	-	1	5.4*	0	-	0	-
KERN	21	3.1	30	4.3	25	3.5	31	4.2	26	3.4	25	3.2	9	1.1*	60	7.3	22	2.6	10	1.2*
KINGS	1	0.8*	0	-	3	2.2*	4	2.8*	2	1.4*	0	-	2	1.3*	2	1.3*	2	1.3*	0	-
LAKE	0	-	1	1.6*	1	1.6*	0	-	0	-	1	1.6*	1	1.6*	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	729	7.6	1,053	10.8	702	7.2	671	6.8	768	7.8	560	5.7	494	5.1	519	5.3	279	2.8	390	4.0
LOS ANGELES	680	7.5	983	10.8	676	7.4	627	6.8	716	7.8	524	5.7	463	5.0	497	5.4	260	2.8	353	3.8
LONG BEACH	45	9.7	57	12.2	16	3.4*	34	7.2	42	8.9	27	5.8	19	4.1	19	4.1	17	3.7*	34	7.3
PASADENA	4	3.0*	13	9.5*	10	7.3*	10	7.3*	9	6.6*	12	8.9*	3	2.2*	2	1.5*	3	2.2*	3	2.2*
MADERA	10	7.9*	16	12.5*	11	8.3*	7	5.1*	22	15.7	11	7.7*	4	2.7*	6	4.0*	2	1.3*	6	4.0*
MARIN	12	4.8*	9	3.6*	13	5.3*	5	2.0*	18	7.3*	11	4.4*	6	2.4*	15	6.0*	5	2.0*	7	2.8*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	6	6.9*	2	2.3*	2	2.3*	1	1.1*	6	6.8*	2	2.3*	2	2.3*	0	-	2	2.3*	1	1.1*
MERCED	9	4.1*	14	6.3*	6	2.6*	7	3.0*	11	4.6*	3	1.2*	2	0.8*	5	2.0*	8	3.1*	3	1.2*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	1	7.5*	1	7.4*	0	-	2	14.5*	0	-	0	-	0	-	0	-	0	-
MONTEREY	21	5.2	41	10.0	43	10.4	24	5.8	42	10.3	22	5.4	27	6.6	16	3.9*	18	4.4*	19	4.6
NAPA	10	7.9*	15	11.7*	10	7.7*	11	8.4*	4	3.1*	3	2.3*	3	2.3*	4	3.0*	1	0.7*	3	2.2*
NEVADA	3	3.2*	3	3.2*	1	1.0*	2	2.1*	3	3.1*	2	2.0*	0	-	2	2.0*	0	-	0	-
ORANGE	150	5.2	162	5.6	121	4.1	125	4.2	134	4.5	83	2.8	78	2.6	89	3.0	78	2.6	81	2.7
PLACER	1	0.4*	25	9.0	5	1.7*	9	3.0*	5	1.6*	6	1.9*	2	0.6*	2	0.6*	4	1.2*	4	1.1*
PLUMAS	1	4.8*	0	-	0	-	1	4.8*	1	4.8*	1	4.8*	0	-	0	-	0	-	0	-
RIVERSIDE	43	2.7	66	3.9	55	3.1	76	4.1	64	3.3	74	3.7	38	1.8	51	2.4	43	2.0	42	1.9
SACRAMENTO	39	3.1	49	3.8	34	2.6	35	2.6	40	2.9	34	2.5	31	2.2	27	1.9	19	1.3	24	1.7
SAN BENITO	1	1.8*	6	10.9*	5	9.0*	3	5.4*	12	21.8*	16	29.1*	2	3.6*	5	9.1*	2	3.6*	6	10.8*
SAN BERNARDINO	60	3.4	75	4.2	99	5.4	75	3.9	47	2.4	45	2.3	29	1.4	53	2.6	27	1.3	40	2.0
SAN DIEGO	220	7.7	326	11.2	231	7.8	193	6.5	214	7.2	315	10.6	140	4.6	180	5.9	131	4.3	20	0.6
SAN FRANCISCO	296	37.8	182	23.2	149	19.1	128	16.4	156	20.0	129	16.5	113	14.3	68	8.5	123	15.3	107	13.3
SAN JOAQUIN	22	3.7	36	6.0	40	6.4	13	2.0*	39	6.0	30	4.5	18	2.7*	35	5.2	19	2.8	35	5.1
SAN LUIS OBISPO	4	1.6*	4	1.6*	3	1.2*	1	0.4*	10	3.8*	17	6.5*	5	1.9*	8	3.0*	3	1.1*	5	1.9*
SAN MATEO	63	8.9	79	11.2	51	7.3	48	6.8	65	9.3	37	5.3	26	3.7	27	3.8	22	3.1	19	2.6
SANTA BARBARA	15	3.7*	34	8.4	32	7.8	14	3.4*	28	6.8	12	2.9*	17	4.1*	16	3.8*	17	4.0*	13	3.1*
SANTA CLARA	90	5.3	122	7.2	102	6.0	77	4.5	109	6.4	76	4.4	41	2.4	83	4.7	50	2.8	41	2.3
SANTA CRUZ	9	3.5*	10	3.9*	11	4.3*	19	7.5	37	14.5	11	4.3*	10	3.9*	10	3.8*	2	0.8*	7	2.7*
SHASTA	1	0.6*	1	0.6*	4	2.3*	2	1.2*	3	1.7*	0	-	1	0.6*	2	1.1*	0	-	3	1.7*
SIERRA	0	-	0	-	1	28.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	1	2.3*	0	-	1	2.2*	2	4.4*	0	-	0	-	0	-	0	-	0	-
SOLANO	9	2.2*	30	7.4	13	3.2*	10	2.4*	20	4.9	18	4.4*	14	3.4*	8	1.9*	8	1.9*	6	1.5*
SONOMA	21	4.5	21	4.5	16	3.4*	14	3.0*	31	6.6	26	5.5	12	2.5*	10	2.1*	7	1.5*	13	2.7*
STANISLAUS	26	5.6	17	3.6*	33	6.8	20	4.1	12	2.4*	22	4.4	7	1.4*	23	4.5	13	2.5*	10	1.9*
SUTTER	1	1.2*	2	2.4*	3	3.6*	4	4.6*	8	9.1*	4	4.4*	1	1.1*	1	1.1*	1	1.1*	3	3.2*
TEHAMA	1	1.8*	3	5.2*	3	5.1*	0	-	1	1.7*	3	4.9*	1	1.6*	0	-	0	-	0	-
TRINITY	0	-	1	7.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	22	5.9	19	5.0	22	5.6	15	3.8*	13	3.2*	23	5.5	28	6.6	30	7.0	10	2.3*	7	1.6*
TUOLUMNE	0	-	1	1.8*	0	-	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-
VENTURA	24	3.1	43	5.5	22	2.8	30	3.8	18	2.3*	13	1.6*	20	2.5	15	1.8*	17	2.1*	13	1.6*
YOLO	2	1.1*	3	1.7*	17	9.3*	4	2.2*	10	5.3*	9	4.7*	2	1.0*	3	1.5*	2	1.0*	3	1.5*
YUBA	1	1.6*	4	6.4*	3	4.7*	0	-	3	4.4*	1	1.4*	1	1.4*	0	-	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

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

## Shigellosis

### Shigellosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	2,203	2,774	2,078	1,850	2,219	1,835	1,325	1,642	1,055	1,086
JANUARY	111	135	205	106	155	124	71	72	87	68
FEBRUARY	143	97	119	77	75	81	36	67	62	63
MARCH	119	129	102	97	87	58	62	52	61	38
APRIL	147	100	105	111	108	79	83	120	81	49
MAY	185	140	113	106	98	100	77	163	72	51
JUNE	210	194	150	138	99	109	84	116	77	75
JULY	245	342	233	191	226	230	204	174	88	107
AUGUST	289	466	336	289	384	323	208	266	148	188
SEPTEMBER	238	388	279	259	398	322	195	245	150	148
OCTOBER	218	351	221	201	295	192	145	156	77	123
NOVEMBER	152	244	136	144	184	133	98	132	76	100
DECEMBER	146	188	79	131	110	84	62	79	76	76

### Shigellosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,203	6.4	2,774	7.9	2,078	5.9	1,850	5.2	2,219	6.2	1,835	5.1	1,325	3.6	1,642	4.5	1,055	2.8	1,086	2.9
0	27	5.2	33	6.4	30	5.7	24	4.6	28	5.3	23	4.4	19	3.6	31	5.9	14	2.8*	7	1.4*
1-4	447	22.8	712	35.7	491	24.2	394	19.2	469	22.7	386	18.8	289	14.1	421	20.5	197	9.6	235	11.6
5-9	350	13.0	567	21.3	397	15.1	320	12.3	378	14.7	301	11.7	171	6.7	296	11.6	140	5.6	174	7.0
10-14	107	4.0	199	7.2	153	5.5	136	4.9	184	6.6	121	4.4	74	2.7	134	5.0	58	2.2	47	1.8
15-24	161	3.2	210	4.1	158	3.1	137	2.6	173	3.2	175	3.2	124	2.3	171	3.1	87	1.6	100	1.8
25-34	368	7.0	316	6.0	268	5.1	228	4.4	266	5.2	221	4.3	162	3.1	177	3.4	153	2.9	132	2.5
35-44	384	6.9	339	6.1	253	4.6	271	4.9	296	5.4	252	4.6	209	3.9	146	2.7	163	3.1	161	3.1
45-54	192	4.3	186	4.0	147	3.1	166	3.4	165	3.3	165	3.3	121	2.4	109	2.1	119	2.3	120	2.3
55-64	69	2.5	88	3.1	76	2.5	80	2.5	114	3.4	85	2.5	64	1.8	77	2.1	71	1.8	58	1.4
65+	65	1.8	92	2.5	74	2.0	67	1.8	88	2.3	88	2.3	76	1.9	76	1.9	52	1.2	48	1.1
UNKNOWN	33	.	32	.	31	.	27	.	58	.	18	.	16	.	4	.	1	.	4	.

Rates are expressed as cases per 100,000 population.

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

### Shigellosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2,203	6.4	2,774	7.9	2,078	5.9	1,850	5.2	2,219	6.2	1,835	5.1	1,325	3.6	1,642	4.5	1,055	2.8	1,086	2.9
ASIAN/PACIFIC ISLANDER	49	1.2	63	1.5	36	0.8	38	0.9	69	1.6	52	1.2	52	1.1	46	1.0	28	0.6	32	0.6
BLACK, NOT HISPANIC	65	2.9	149	6.7	86	3.9	52	2.3	65	2.9	91	4.1	45	2.0	58	2.6	33	1.5	65	3.0
HISPANIC	991	8.6	1,422	12.1	1,054	8.7	965	7.8	1,139	9.0	942	7.3	625	4.7	980	7.3	489	3.5	480	3.4
AMERICAN INDIAN/ALASKAN NATIVE	4	2.3*	5	2.9*	2	1.1*	3	1.7*	4	2.3*	3	1.8*	1	0.6*	4	2.4*	1	0.6*	0	-
WHITE, NOT HISPANIC	645	4.1	610	3.8	410	2.6	366	2.3	433	2.8	396	2.5	309	2.0	239	1.5	268	1.8	276	1.8
OTHER/UNKNOWN	449	-	525	-	490	-	426	-	509	-	351	-	293	-	315	-	236	-	233	-

Rates are expressed as cases per 100,000 population.

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

**Spotted Fever Rickettsiosis**

**Spotted Fever Rickettsiosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	2	0.0*	2	0.0*	1	0.0*	0	-	0	0.0*	0	-	1	0.0*	7	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	2.0*
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	0	2	2	1	0	0	1	0	1	7
JANUARY	0	0	0	0	0	0	0	0	0	1
FEBRUARY	0	0	0	0	0	0	1	0	0	0
MARCH	0	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0	0
MAY	0	1	0	0	0	0	0	0	0	1
JUNE	0	0	1	1	0	0	0	0	0	2
JULY	0	1	0	0	0	0	0	0	0	0
AUGUST	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	1	0	0	0	0	0	0	2
NOVEMBER	0	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	0	0	0	0	0	0	1	1

Spotted Fever Rickettsiosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	7	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25-34	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.0*
35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
45-54	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*
55-64	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	2	0.0*
65+	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	2	0.0*	2	0.0*	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	7	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*
HISPANIC	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	2	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	2	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	4	-

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)**

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Health Jurisdiction, California, 2008 to 2010

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET					
	2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	197	0.5	178	0.5	178	0.5
ALAMEDA COUNTY TOTAL	10	0.7*	4	0.3*	1	0.1*
ALAMEDA	9	0.7*	4	0.3*	1	0.1*
BERKELEY	1	0.9*	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	2	5.3*	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	1	2.2*	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	10	1.0*	6	0.6*	6	0.6*
DEL NORTE	0	-	0	-	0	-
EL DORADO	2	1.1*	1	0.6*	1	0.6*
FRESNO	15	1.6*	5	0.5*	6	0.6*
GLENN	0	-	0	-	0	-
HUMBOLDT	10	7.5*	3	2.2*	5	3.7*
IMPERIAL	3	1.8*	0	-	0	-
INYO	0	-	0	-	0	-
KERN	4	0.5*	3	0.4*	2	0.2*
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	26	0.3	28	0.3	25	0.3
LOS ANGELES	25	0.3	28	0.3	25	0.3
LONG BEACH	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	1	1.1*	1	1.1*
MERCED	1	0.4*	1	0.4*	1	0.4*
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	4	1.0*	5	1.2*	6	1.4*
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	1	1.0*
ORANGE	17	0.6*	22	0.7	15	0.5*
PLACER	2	0.6*	4	1.2*	0	-
PLUMAS	0	-	1	5.0*	0	-
RIVERSIDE	7	0.3*	6	0.3*	5	0.2*
SACRAMENTO	6	0.4*	9	0.6*	16	1.1*
SAN BENITO	1	1.8*	0	-	0	-
SAN BERNARDINO	26	1.3	19	0.9	30	1.5
SAN DIEGO	11	0.4*	5	0.2*	3	0.1*
SAN FRANCISCO	8	1.0*	20	2.5	14	1.7*
SAN JOAQUIN	1	0.1*	1	0.1*	0	-
SAN LUIS OBISPO	1	0.4*	1	0.4*	0	-
SAN MATEO	0	-	2	0.3*	2	0.3*
SANTA BARBARA	2	0.5*	1	0.2*	0	-
SANTA CLARA	5	0.3*	3	0.2*	12	0.7*
SANTA CRUZ	1	0.4*	0	-	0	-
SHASTA	0	-	2	1.1*	3	1.7*
SIERRA	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	0	-
SOLANO	1	0.2*	1	0.2*	1	0.2*
SONOMA	6	1.3*	8	1.7*	11	2.3*
STANISLAUS	5	1.0*	3	0.6*	3	0.6*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	4	0.9*	9	2.1*	3	0.7*
TUOLUMNE	2	3.6*	4	7.2*	5	9.1*
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

Reporting for Staphylococcus aureus infection was required starting in 2008. 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)

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases by Month of Estimated Onset, California, 2008 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2008	2009	2010
TOTAL	197	178	178
JANUARY	1	19	21
FEBRUARY	22	28	14
MARCH	20	17	22
APRIL	18	13	18
MAY	21	9	11
JUNE	22	17	12
JULY	14	13	15
AUGUST	21	15	8
SEPTEMBER	16	8	13
OCTOBER	16	14	7
NOVEMBER	13	17	21
DECEMBER	13	8	16

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Age Group, California, 2008 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET					
	2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	197	0.5	178	0.5	178	0.5
0	3	0.6*	3	0.6*	11	2.2*
1-4	4	0.2*	9	0.4*	6	0.3*
5-9	7	0.3*	4	0.2*	0	-
10-14	9	0.3*	6	0.2*	5	0.2*
15-24	10	0.2*	21	0.4	15	0.3*
25-34	9	0.2*	11	0.2*	16	0.3*
35-44	19	0.4	18	0.3*	24	0.5
45-54	46	0.9	51	1.0	38	0.7
55-64	40	1.1	21	0.5	30	0.7
65+	50	1.2	33	0.8	33	0.8
UNKNOWN	0	-	1	.	0	-

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 and Rates by Race/Ethnicity, California, 2008 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET					
	2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	197	0.5	178	0.5	178	0.5
ASIAN/PACIFIC ISLANDER	9	0.2*	13	0.3*	9	0.2*
BLACK, NOT HISPANIC	12	0.5*	10	0.5*	6	0.3*
HISPANIC	43	0.3	33	0.2	34	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	0	-
WHITE, NOT HISPANIC	95	0.6	66	0.4	71	0.5
OTHER/UNKNOWN	38	-	55	-	58	-

Rates are expressed as cases per 100,000 population.

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

Reporting for Staphylococcus aureus infection was required starting in 2008. 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).

**Streptococcal Infection (cases in food and dairy workers)**

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	39	0.1	32	0.1	1	0.0*	10	0.0*	18	0.1*	12	0.0*	13	0.0*	7	0.0*	7	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	1	0.5*	1	0.5*	1	0.5*	1	0.5*	3	1.4*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	7.0*	0	-	1	3.5*
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	2	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	2	1.4*	0	-	0	-	0	-	6	3.8*	0	-	10	6.0*	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	28	0.3	23	0.2	0	-	6	0.1*	9	0.1*	3	0.0*	0	-	1	0.0*	0	-	1	0.0*
LOS ANGELES	1	0.0*	6	0.1*	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
LONG BEACH	27	5.8	17	3.6*	0	-	5	1.1*	8	1.7*	3	0.6*	0	-	1	0.2*	0	-	1	0.2*
PASADENA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	3	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	1	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	2	0.1*	1	0.1*	1	0.1*	3	0.2*	1	0.1*	1	0.0*	1	0.0*	1	0.0*	0	-	0	-
SACRAMENTO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	1	0.4*	2	0.8*	0	-	0	-	0	-	0	-
SAN MATEO	3	0.4*	0	-	0	-	0	-	0	-	3	0.4*	0	-	1	0.1*	3	0.4*	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.6*	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Streptococcal Infection (cases in food and dairy workers)

Streptococcal Infection (cases in food and dairy workers), Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	39	32	1	10	18	12	13	7	7	3
JANUARY	3	5	0	2	0	4	1	2	3	1
FEBRUARY	2	4	1	1	3	1	0	0	1	0
MARCH	7	12	0	0	1	1	0	0	2	0
APRIL	2	4	0	0	0	0	1	0	1	0
MAY	2	1	0	0	2	1	0	0	0	0
JUNE	0	0	0	0	2	0	10	0	0	0
JULY	6	0	0	1	4	0	0	1	0	0
AUGUST	0	1	0	1	1	0	0	1	0	0
SEPTEMBER	2	1	0	0	3	1	1	0	0	0
OCTOBER	5	2	0	1	0	1	0	2	0	0
NOVEMBER	3	1	0	3	0	0	0	0	0	0
DECEMBER	7	1	0	1	2	3	0	1	0	2

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	39	0.1	32	0.1	1	0.0*	10	0.0*	18	0.1*	12	0.0*	13	0.0*	7	0.0*	7	0.0*	3	0.0*
0	3	0.6*	2	0.4*	0	-	2	0.4*	2	0.4*	1	0.2*	0	-	0	-	0	-	0	-
1-4	5	0.3*	2	0.1*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-
5-9	1	0.0*	3	0.1*	0	-	0	-	0	-	3	0.1*	1	0.0*	0	-	0	-	0	-
10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*
15-24	1	0.0*	2	0.0*	0	-	0	-	4	0.1*	2	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-
25-34	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	0	-	2	0.0*	1	0.0*	2	0.0*	0	-
35-44	4	0.1*	4	0.1*	1	0.0*	1	0.0*	1	0.0*	2	0.0*	1	0.0*	0	-	1	0.0*	0	-
45-54	1	0.0*	3	0.1*	0	-	0	-	4	0.1*	0	-	5	0.1*	0	-	0	-	1	0.0*
55-64	8	0.3*	3	0.1*	0	-	0	-	2	0.1*	0	-	1	0.0*	1	0.0*	0	-	1	0.0*
65+	15	0.4*	11	0.3*	0	-	6	0.2*	4	0.1*	4	0.1*	1	0.0*	3	0.1*	2	0.0*	0	-
UNKNOWN	0	-	2	-	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	39	0.1	32	0.1	1	0.0*	10	0.0*	18	0.1*	12	0.0*	13	0.0*	7	0.0*	7	0.0*	3	0.0*
ASIAN/PACIFIC ISLANDER	1	0.0*	2	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-
BLACK, NOT HISPANIC	2	0.1*	3	0.1*	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	1	0.0*
HISPANIC	10	0.1*	6	0.1*	0	-	2	0.0*	5	0.0*	0	-	7	0.1*	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	10	0.1*	9	0.1*	1	0.0*	5	0.0*	4	0.0*	10	0.1*	4	0.0*	2	0.0*	1	0.0*	0	-
OTHER/UNKNOWN	15	-	12	-	0	-	2	-	8	-	2	-	1	-	4	-	6	-	2	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more



**Toxic Shock Syndrome (Non-Streptococcal)**

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	24	0.1	14	0.0*	7	0.0*	4	0.0*	6	0.0*	3	0.0*	4	0.0*	9	0.0*	22	0.1	8	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-
ALAMEDA	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	4	0.4*	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	2	0.2*	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	24	0.1	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	1	5.4*	0	-	0	-	0	-	1	5.4*	0	-	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	2	0.2*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	2	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	1	0.0*
LOS ANGELES	0	-	2	0.0*	2	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.0*	2	0.0*	2	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	20	0.1	0	-	0	-	0	-	0	-	0	-	0	-	22	0.1	0	-	0	-
MARIN	0	-	1	0.4*	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	2	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	3	0.1*	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	3	0.1*	1	0.0*	1	0.0*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	5	0.2*	0	-	1	0.0*	1	0.0*	1	0.0*	1	0.0*	2	0.1*	5	0.2*	2	0.1*	2	0.1*
SAN FRANCISCO	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	1	0.4*	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	1	0.2*	0	-
SANTA CLARA	1	0.1*	1	0.1*	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-
SANTA CRUZ	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	2	0.5*	0	-	0	-
SONOMA	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	1	0.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Toxic Shock Syndrome (Non-Streptococcal)

Toxic Shock Syndrome (Non-Streptococcal), Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	24	14	7	4	6	3	4	9	22	8	
JANUARY	2	2	0	0	1	0	0	1	3	2	
FEBRUARY	10	0	1	1	0	0	1	1	2	0	
MARCH	0	2	0	0	0	0	1	1	4	0	
APRIL	0	3	1	1	1	0	0	0	5	0	
MAY	0	2	0	1	0	2	0	1	1	1	
JUNE	1	1	1	0	2	0	0	0	3	0	
JULY	0	2	0	0	0	1	0	1	2	0	
AUGUST	1	0	1	0	0	0	0	1	0	1	
SEPTEMBER	5	0	2	0	0	0	1	0	0	2	
OCTOBER	2	0	1	1	1	0	0	0	1	1	
NOVEMBER	3	2	0	0	0	0	0	2	0	0	
DECEMBER	0	0	0	0	1	0	1	1	1	1	

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	24	0.1	14	0.0*	7	0.0*	4	0.0*	6	0.0*	3	0.0*	4	0.0*	9	0.0*	22	0.1	8	0.0*
0	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	1	0.1*	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.1*	0	-
5-9	2	0.1*	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	3	0.1*	0	-
10-14	2	0.1*	1	0.0*	3	0.1*	0	-	0	-	0	-	1	0.0*	3	0.1*	2	0.1*	1	0.0*
15-24	3	0.1*	4	0.1*	1	0.0*	2	0.0*	3	0.1*	1	0.0*	0	-	2	0.0*	5	0.1*	5	0.1*
25-34	3	0.1*	2	0.0*	1	0.0*	0	-	0	-	0	-	1	0.0*	2	0.0*	3	0.1*	0	-
35-44	6	0.1*	4	0.1*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	2	0.0*	2	0.0*
45-54	6	0.1*	1	0.0*	0	-	1	0.0*	2	0.0*	0	-	0	-	0	-	4	0.1*	0	-
55-64	1	0.0*	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-
65+	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	24	0.1	14	0.0*	7	0.0*	4	0.0*	6	0.0*	3	0.0*	4	0.0*	9	0.0*	22	0.1	8	0.0*
ASIAN/PACIFIC ISLANDER	2	0.0*	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	2	0.0*	0	-
BLACK, NOT HISPANIC	2	0.1*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HISPANIC	2	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	0	-	1	0.0*	1	0.0*	2	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	15	0.1*	10	0.1*	4	0.0*	4	0.0*	4	0.0*	2	0.0*	1	0.0*	4	0.0*	9	0.1*	4	0.0*
OTHER/UNKNOWN	3	-	3	-	0	-	0	-	1	-	0	-	2	-	3	-	10	-	2	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Trichinosis

Trichinosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		YEAR OF ESTIMATED ILLNESS ONSET		2007		2008		2009		2010			
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	2005	2006	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
CALIFORNIA TOTAL	12	0.0*	0	-	2	0.0*	1	0.0*	4	0.0*	4	0.0*	0	-	35	0.1	3	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	1	2.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	7.0*	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	30	22.5	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	2	3.3*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	2	0.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	5	0.4*	0	-	0	-	0	-	0	-	0	-	5	0.4*	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	2	0.1*	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

**Trichinosis**

Trichinosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	12	0	2	1	4	4	0	35	3	1	
JANUARY	0	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	0	0	0	0	1	0	0	3	0	
MARCH	0	0	0	0	1	0	0	0	0	0	
APRIL	0	0	0	0	0	0	0	0	0	0	
MAY	3	0	0	0	0	0	0	0	0	0	
JUNE	5	0	0	0	0	0	0	0	0	0	
JULY	0	0	1	0	0	0	0	0	0	0	
AUGUST	4	0	0	0	0	0	0	0	0	0	
SEPTEMBER	0	0	1	0	1	0	0	0	0	0	
OCTOBER	0	0	0	1	2	2	0	5	0	1	
NOVEMBER	0	0	0	0	0	0	0	26	0	0	
DECEMBER	0	0	0	0	0	1	0	4	0	0	

Trichinosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	12	0.0*	0	-	2	0.0*	1	0.0*	4	0.0*	4	0.0*	0	-	35	0.1	3	0.0*	1	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
10-14	1	0.0*	0	-	2	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	4	0.1*	0	-	1	0.0*
25-34	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	12	0.2*	0	-	0	-
35-44	2	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	11	0.2*	0	-	0	-
45-54	6	0.1*	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	4	0.1*	3	0.1*	0	-
55-64	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	3	0.1*	0	-	0	-
65+	2	0.1*	0	-	0	-	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	12	0.0*	0	-	2	0.0*	1	0.0*	4	0.0*	4	0.0*	0	-	35	0.1	3	0.0*	1	0.0*
ASIAN/PACIFIC ISLANDER	3	0.1*	0	-	0	-	0	-	0	-	2	0.0*	0	-	32	0.7	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	2	0.0*	0	-	2	0.0*	0	-	2	0.0*	2	0.0*	0	-	0	-	0	-	0	-
OTHER/UNKNOWN	7	-	0	-	0	-	1	-	1	-	0	-	0	-	2	-	3	-	1	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Tularemia**

Tularemia, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	1	0.0*	2	0.0*	2	0.0*	4	0.0*	4	0.0*	1	0.0*	2	0.0*	2	0.0*	7	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	2	0.1*	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-	1	0.9*	0	-	0	-	0	-	1	0.9*	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	1	0.1*	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	2	0.1*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
SONOMA	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.5*	1	0.5*
YUBA	0	-	0	-	0	-	0	-	0	-	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

Tularemia, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	0	1	2	2	4	4	1	2	2	7
JANUARY	0	0	0	0	0	0	1	0	0	1
FEBRUARY	0	0	0	0	0	0	0	0	0	0
MARCH	0	0	0	0	0	0	0	0	0	0
APRIL	0	0	0	0	0	0	0	0	0	1
MAY	0	0	0	0	0	2	0	0	0	0
JUNE	0	1	1	0	1	0	0	0	0	0
JULY	0	0	0	2	0	1	1	0	0	1
AUGUST	0	0	0	0	2	0	0	0	0	1
SEPTEMBER	0	0	0	0	0	0	0	1	0	1
OCTOBER	0	0	0	0	0	0	0	0	0	1
NOVEMBER	0	0	1	0	1	0	0	1	1	0
DECEMBER	0	0	0	0	0	0	0	0	1	1

Tularemia, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	2	0.0*	2	0.0*	4	0.0*	4	0.0*	1	0.0*	2	0.0*	2	0.0*	7	0.0*
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
1-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	1	0.0*	2	0.1*	1	0.0*	0	-	0	-	0	-	1	0.0*
10-14	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	1	0.0*	0	-
15-24	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	2	0.0*
25-34	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
35-44	0	-	1	0.0*	0	-	0	-	0	-	2	0.0*	0	-	0	-	0	-	0	-
45-54	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	1	0.0*
55-64	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	3	0.1*
65+	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	2	0.0*	2	0.0*	4	0.0*	4	0.0*	1	0.0*	2	0.0*	2	0.0*	7	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*
BLACK, NOT HISPANIC	0	-	0	-	1	0.0*	0	-	1	0.0*	1	0.0*	0	-	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-	0	-	1	0.0*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-	2	0.0*	0	-	4	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-	1	-	2	-	2	-	1	-	0	-	1	-	1	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Typhoid Fever**

**Typhoid Fever, Cases and Rates by Health Jurisdiction, California, 2001 to 2010**

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	83	0.2	86	0.2	80	0.2	70	0.2	55	0.2	73	0.2	75	0.2	79	0.2	89	0.2	109	0.3
ALAMEDA COUNTY TOTAL	9	0.6*	6	0.4*	11	0.7*	10	0.7*	8	0.5*	9	0.6*	8	0.5*	12	0.8*	10	0.7*	11	0.7*
ALAMEDA	9	0.7*	5	0.4*	11	0.8*	10	0.7*	8	0.6*	9	0.7*	8	0.6*	12	0.9*	10	0.7*	11	0.8*
BERKELEY	0	-	1	1.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	1	0.5*	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	2	0.2*	5	0.5*	1	0.1*	3	0.3*	4	0.4*	1	0.1*	3	0.3*	3	0.3*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	4	0.5*	2	0.2*	4	0.5*	0	-	0	-	0	-	1	0.1*	5	0.5*	9	1.0*	2	0.2*
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	1	0.8*	1	0.8*	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	2	0.3*	0	-	2	0.2*	0	-	1	0.1*	1	0.1*
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	2	3.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	19	0.2	34	0.3	19	0.2	14	0.1*	14	0.1*	18	0.2*	18	0.2*	15	0.2*	19	0.2	19	0.2
LOS ANGELES	17	0.2*	33	0.4	16	0.2*	13	0.1*	12	0.1*	17	0.2*	16	0.2*	15	0.2*	19	0.2	18	0.2*
LONG BEACH	1	0.2*	1	0.2*	3	0.6*	1	0.2*	2	0.4*	1	0.2*	0	-	0	-	0	-	1	0.2*
PASADENA	1	0.7*	0	-	0	-	0	-	0	-	0	-	2	1.5*	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	1	0.4*	0	-	2	0.8*	2	0.8*	1	0.4*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	2	0.8*	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	2	2.0*	0	-	0	-	0	-	0	-
ORANGE	1	0.0*	6	0.2*	5	0.2*	6	0.2*	9	0.3*	3	0.1*	4	0.1*	2	0.1*	6	0.2*	2	0.1*
PLACER	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	3	0.9*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.1*	2	0.1*	1	0.1*	2	0.1*	2	0.1*	1	0.0*	2	0.1*	0	-	1	0.0*	3	0.1*
SACRAMENTO	2	0.2*	0	-	0	-	2	0.1*	1	0.1*	3	0.2*	4	0.3*	3	0.2*	3	0.2*	8	0.6*
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	3	0.2*	1	0.1*	2	0.1*	2	0.1*	1	0.1*	3	0.2*	1	0.0*	0	-	0	-	6	0.3*
SAN DIEGO	6	0.2*	3	0.1*	2	0.1*	6	0.2*	4	0.1*	3	0.1*	1	0.0*	6	0.2*	10	0.3*	7	0.2*
SAN FRANCISCO	6	0.8*	2	0.3*	1	0.1*	1	0.1*	1	0.1*	2	0.3*	0	-	4	0.5*	0	-	3	0.4*
SAN JOAQUIN	2	0.3*	0	-	1	0.2*	2	0.3*	0	-	1	0.2*	1	0.1*	3	0.4*	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.4*	0	-	0	-
SAN MATEO	1	0.1*	4	0.6*	6	0.9*	1	0.1*	4	0.6*	7	1.0*	8	1.1*	5	0.7*	1	0.1*	9	1.3*
SANTA BARBARA	1	0.2*	0	-	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	0	-	2	0.5*
SANTA CLARA	15	0.9*	16	0.9*	8	0.5*	11	0.6*	4	0.2*	11	0.6*	14	0.8*	14	0.8*	17	1.0*	27	1.5
SANTA CRUZ	1	0.4*	0	-	1	0.4*	0	-	1	0.4*	2	0.8*	0	-	1	0.4*	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	2.2*	0	-
SOLANO	2	0.5*	0	-	5	1.2*	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	0	-
SONOMA	2	0.4*	1	0.2*	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	1	0.2*	1	0.2*	2	0.4*	2	0.4*	0	-	0	-	0	-	0	-	1	0.2*	2	0.4*
SUTTER	3	3.7*	0	-	2	2.4*	2	2.3*	0	-	0	-	2	2.2*	0	-	2	2.1*	1	1.1*
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	1	0.1*	3	0.4*	2	0.3*	1	0.1*	0	-	1	0.1*	1	0.1*	0	-	1	0.1*	0	-
YOLO	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
\*Potentially unreliable rate, relative standard error 23 percent or more

## Typhoid Fever

Typhoid Fever, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	83	86	80	70	55	73	75	79	89	109	
JANUARY	3	6	7	7	4	5	9	7	10	6	
FEBRUARY	7	4	5	2	8	11	4	5	8	7	
MARCH	8	4	13	2	2	5	12	4	6	7	
APRIL	7	8	2	6	3	4	6	9	8	10	
MAY	10	9	9	2	3	7	5	5	10	8	
JUNE	4	7	9	9	5	9	9	3	12	10	
JULY	11	11	11	9	5	4	6	6	3	16	
AUGUST	12	12	10	8	5	12	8	11	11	10	
SEPTEMBER	8	11	8	13	9	8	4	10	6	10	
OCTOBER	5	3	2	5	2	5	4	3	3	7	
NOVEMBER	2	2	3	1	2	2	4	6	4	5	
DECEMBER	6	9	1	6	7	1	4	10	8	13	

Typhoid Fever, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	83	0.2	86	0.2	80	0.2	70	0.2	55	0.2	73	0.2	75	0.2	79	0.2	89	0.2	109	0.3
0	0	-	2	0.4*	0	-	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	1	0.2*
1-4	8	0.4*	13	0.7*	7	0.3*	9	0.4*	4	0.2*	8	0.4*	7	0.3*	10	0.5*	6	0.3*	13	0.6*
5-9	7	0.3*	13	0.5*	5	0.2*	9	0.3*	8	0.3*	8	0.3*	7	0.3*	6	0.2*	10	0.4*	16	0.6*
10-14	7	0.3*	3	0.1*	10	0.4*	6	0.2*	10	0.4*	7	0.3*	2	0.1*	5	0.2*	7	0.3*	11	0.4*
15-24	16	0.3*	20	0.4	12	0.2*	8	0.2*	8	0.1*	10	0.2*	12	0.2*	14	0.3*	12	0.2*	5	0.1*
25-34	18	0.3*	19	0.4	16	0.3*	10	0.2*	10	0.2*	24	0.5	21	0.4	19	0.4	20	0.4	20	0.4
35-44	12	0.2*	11	0.2*	8	0.1*	11	0.2*	6	0.1*	7	0.1*	8	0.1*	12	0.2*	14	0.3*	18	0.3*
45-54	7	0.2*	2	0.0*	11	0.2*	7	0.1*	7	0.1*	3	0.1*	9	0.2*	4	0.1*	12	0.2*	10	0.2*
55-64	4	0.1*	1	0.0*	8	0.3*	4	0.1*	0	-	1	0.0*	7	0.2*	4	0.1*	7	0.2*	10	0.2*
65+	3	0.1*	1	0.0*	3	0.1*	5	0.1*	1	0.0*	5	0.1*	2	0.1*	4	0.1*	0	-	4	0.1*
UNKNOWN	1	-	1	-	0	-	0	-	0	-	0	-	0	-	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 and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	83	0.2	86	0.2	80	0.2	70	0.2	55	0.2	73	0.2	75	0.2	79	0.2	89	0.2	109	0.3
ASIAN/PACIFIC ISLANDER	27	0.7	22	0.5	25	0.6	22	0.5	17	0.4*	30	0.7	29	0.6	29	0.6	30	0.6	49	1.0
BLACK, NOT HISPANIC	2	0.1*	1	0.0*	2	0.1*	0	-	0	-	0	-	1	0.0*	0	-	1	0.0*	0	-
HISPANIC	15	0.1*	26	0.2	18	0.1*	11	0.1*	11	0.1*	14	0.1*	10	0.1*	12	0.1*	12	0.1*	10	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	8	0.1*	5	0.0*	3	0.0*	9	0.1*	3	0.0*	5	0.0*	4	0.0*	1	0.0*	2	0.0*	4	0.0*
OTHER/UNKNOWN	31	-	31	-	32	-	28	-	24	-	24	-	31	-	37	-	44	-	46	-

Rates are expressed as cases per 100,000 population.

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



**Typhus Fever**

Typhus Fever, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	13	0.0*	15	0.0*	18	0.1*	11	0.0*	10	0.0*	20	0.1	25	0.1	14	0.0*	26	0.1	41	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GLENN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	13	0.1*	14	0.1*	16	0.2*	11	0.1*	10	0.1*	17	0.2*	17	0.2*	5	0.1*	20	0.2	32	0.3
LOS ANGELES	9	0.1*	11	0.1*	13	0.1*	7	0.1*	8	0.1*	10	0.1*	13	0.1*	4	0.0*	8	0.1*	26	0.3
LONG BEACH	0	-	0	-	0	-	0	-	0	-	6	1.3*	1	0.2*	8	1.7*	4	0.9*		
PASADENA	4	3.0*	3	2.2*	3	2.2*	4	2.9*	2	1.5*	1	0.7*	3	2.2*	0	-	4	2.9*	2	1.5*
MADERA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	0	-	0	-
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-	0	-	0	-	2	0.1*	8	0.3*	7	0.2*	6	0.2*	9	0.3*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.0*	0	-	0	-
SACRAMENTO	0	-	0	-	1	0.1*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	1	0.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	1.1*	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YOLO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

## Typhus Fever

Typhus Fever, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	13	15	18	11	10	20	25	14	26	41
JANUARY	2	1	1	1	1	1	2	2	3	4
FEBRUARY	0	0	1	0	0	0	1	0	1	4
MARCH	0	0	0	0	0	0	0	0	2	1
APRIL	0	0	1	0	0	0	0	1	0	0
MAY	1	3	0	0	4	2	2	0	0	1
JUNE	5	2	0	2	1	0	3	2	0	1
JULY	1	0	4	1	1	3	8	1	1	3
AUGUST	0	3	1	2	0	2	4	1	4	5
SEPTEMBER	1	4	4	2	0	2	0	0	5	6
OCTOBER	0	0	4	0	2	3	2	2	3	4
NOVEMBER	1	2	2	2	0	3	0	2	3	6
DECEMBER	2	0	0	1	1	4	3	3	4	6

Typhus Fever, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	13	0.0*	15	0.0*	18	0.1*	11	0.0*	10	0.0*	20	0.1	25	0.1	14	0.0*	26	0.1	41	0.1
0	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-
1-4	0	-	0	-	0	-	0	-	0	-	1	0.0*	3	0.1*	0	-	0	-	0	-
5-9	1	0.0*	1	0.0*	2	0.1*	0	-	0	-	0	-	2	0.1*	1	0.0*	2	0.1*	1	0.0*
10-14	0	-	2	0.1*	0	-	0	-	1	0.0*	1	0.0*	0	-	2	0.1*	1	0.0*	1	0.0*
15-24	0	-	4	0.1*	2	0.0*	2	0.0*	0	-	1	0.0*	3	0.1*	0	-	0	-	5	0.1*
25-34	2	0.0*	0	-	1	0.0*	2	0.0*	0	-	1	0.0*	0	-	1	0.0*	4	0.1*	3	0.1*
35-44	4	0.1*	2	0.0*	5	0.1*	0	-	2	0.0*	8	0.1*	2	0.0*	3	0.1*	4	0.1*	9	0.2*
45-54	5	0.1*	2	0.0*	6	0.1*	2	0.0*	4	0.1*	4	0.1*	9	0.2*	4	0.1*	7	0.1*	10	0.2*
55-64	0	-	3	0.1*	1	0.0*	3	0.1*	1	0.0*	1	0.0*	3	0.1*	3	0.1*	6	0.2*	10	0.2*
65+	1	0.0*	1	0.0*	1	0.0*	2	0.1*	2	0.1*	3	0.1*	3	0.1*	0	-	1	0.0*	2	0.0*
UNKNOWN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Typhus Fever, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	13	0.0*	15	0.0*	18	0.1*	11	0.0*	10	0.0*	20	0.1	25	0.1	14	0.0*	26	0.1	41	0.1
ASIAN/PACIFIC ISLANDER	0	-	0	-	2	0.0*	0	-	0	-	1	0.0*	0	-	1	0.0*	4	0.1*	3	0.1*
BLACK, NOT HISPANIC	0	-	2	0.1*	1	0.0*	0	-	0	-	1	0.0*	0	-	0	-	1	0.0*	2	0.1*
HISPANIC	3	0.0*	4	0.0*	4	0.0*	1	0.0*	3	0.0*	3	0.0*	2	0.0*	3	0.0*	5	0.0*	11	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	7	0.0*	7	0.0*	11	0.1*	9	0.1*	7	0.0*	14	0.1*	20	0.1	9	0.1*	14	0.1*	20	0.1
OTHER/UNKNOWN	3	-	2	-	0	-	1	-	0	-	1	-	3	-	1	-	2	-	5	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Vibrio Infection (non-Cholera)**

Vibrio Infection (non-Cholera), Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	76	0.2	52	0.1	74	0.2	146	0.4	99	0.3	176	0.5	95	0.3	110	0.3	138	0.4	110	0.3
ALAMEDA COUNTY TOTAL	8	0.5*	3	0.2*	4	0.3*	12	0.8*	9	0.6*	12	0.8*	2	0.1*	7	0.5*	4	0.3*	8	0.5*
ALAMEDA	8	0.6*	3	0.2*	4	0.3*	9	0.7*	9	0.7*	11	0.8*	2	0.1*	7	0.5*	4	0.3*	8	0.6*
BERKELEY	0	-	0	-	0	-	3	2.8*	0	-	1	0.9*	0	-	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-	0	-	0	-	1	2.6*	1	2.6*	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	0	-	0	-	1	0.5*	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	1	2.2*	0	-	0	-	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	4	0.4*	0	-	5	0.5*	6	0.6*	6	0.6*	10	1.0*	6	0.6*	3	0.3*	8	0.8*	1	0.1*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.6*	0	-	1	0.6*	2	1.1*	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	1	0.1*	0	-	2	0.2*	1	0.1*	0	-	0	-	0	-	0	-
GLENN	1	3.8*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	0	-	0	-	2	1.5*	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	1	0.6*	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	1	0.1*	0	-	0	-
KINGS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	1	1.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	16	0.2*	17	0.2*	14	0.1*	28	0.3	16	0.2*	26	0.3	13	0.1*	16	0.2*	31	0.3	13	0.1*
LOS ANGELES	14	0.2*	16	0.2*	14	0.2*	26	0.3	15	0.2*	24	0.3	12	0.1*	16	0.2*	28	0.3	13	0.1*
LONG BEACH	2	0.4*	1	0.2*	0	-	2	0.4*	0	-	2	0.4*	0	-	0	-	3	0.6*	0	-
PASADENA	0	-	0	-	0	-	0	-	1	0.7*	0	-	1	0.7*	0	-	0	-	0	-
MADERA	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-
MARIN	1	0.4*	3	1.2*	1	0.4*	1	0.4*	0	-	4	1.6*	6	2.4*	1	0.4*	1	0.4*	4	1.6*
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	0	-	1	0.4*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	1	7.2*	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	2	0.5*	1	0.2*	0	-	0	-	0	-	1	0.2*	0	-	2	0.5*
NAPA	0	-	0	-	1	0.8*	2	1.5*	1	0.8*	0	-	0	-	3	2.2*	4	2.9*	2	1.5*
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	1	1.0*	0	-	0	-	0	-
ORANGE	3	0.1*	0	-	6	0.2*	9	0.3*	7	0.2*	12	0.4*	13	0.4*	6	0.2*	6	0.2*	9	0.3*
PLACER	0	-	1	0.4*	0	-	2	0.7*	3	1.0*	2	0.6*	1	0.3*	2	0.6*	2	0.6*	3	0.9*
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
RIVERSIDE	1	0.1*	1	0.1*	1	0.1*	5	0.3*	2	0.1*	5	0.2*	1	0.0*	5	0.2*	6	0.3*	3	0.1*
SACRAMENTO	0	-	0	-	3	0.2*	16	1.2*	3	0.2*	5	0.4*	5	0.4*	5	0.4*	4	0.3*	6	0.4*
SAN BENITO	0	-	0	-	0	-	0	-	1	1.8*	0	-	1	1.8*	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	3	0.2*	1	0.1*	2	0.1*	0	-	2	0.1*	2	0.1*	2	0.1*	2	0.1*	4	0.2*
SAN DIEGO	4	0.1*	7	0.2*	13	0.4*	23	0.8	15	0.5*	27	0.9	21	0.7	23	0.8	22	0.7	15	0.5*
SAN FRANCISCO	4	0.5*	5	0.6*	7	0.9*	1	0.1*	8	1.0*	18	2.3*	4	0.5*	12	1.5*	8	1.0*	18	2.2*
SAN JOAQUIN	2	0.3*	1	0.2*	0	-	2	0.3*	2	0.3*	4	0.6*	1	0.1*	1	0.1*	1	0.1*	3	0.4*
SAN LUIS OBISPO	0	-	0	-	0	-	0	-	2	0.8*	3	1.1*	1	0.4*	1	0.4*	2	0.7*	0	-
SAN MATEO	5	0.7*	5	0.7*	2	0.3*	6	0.9*	3	0.4*	13	1.9*	6	0.9*	5	0.7*	6	0.8*	6	0.8*
SANTA BARBARA	0	-	1	0.2*	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	2	0.5*	3	0.7*	1	0.2*
SANTA CLARA	9	0.5*	2	0.1*	5	0.3*	17	1.0*	7	0.4*	15	0.9*	1	0.1*	5	0.3*	12	0.7*	5	0.3*
SANTA CRUZ	2	0.8*	0	-	1	0.4*	2	0.8*	0	-	3	1.2*	2	0.8*	2	0.8*	1	0.4*	0	-
SHASTA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*	2	0.5*	0	-	0	-	1	0.2*	3	0.7*	2	0.5*	0	-
SONOMA	4	0.9*	1	0.2*	2	0.4*	4	0.9*	2	0.4*	4	0.9*	4	0.8*	2	0.4*	6	1.2*	3	0.6*
STANISLAUS	2	0.4*	0	-	1	0.2*	1	0.2*	2	0.4*	0	-	0	-	1	0.2*	0	-	2	0.4*
SUTTER	2	2.5*	0	-	0	-	0	-	1	1.1*	0	-	0	-	0	-	0	-	0	-
TEHAMA	2	3.5*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	0	-	2	0.5*	0	-
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.3*	0	-	0	-	2	0.3*	0	-	1	0.1*	0	-	0	-	4	0.5*	1	0.1*
YOLO	0	-	0	-	0	-	0	-	1	0.5*	2	1.0*	0	-	0	-	0	-	0	-
YUBA	0	-	0	-	0	-	1	1.5*	0	-	0	-	0	-	0	-	1	1.4*	0	-

Rates are expressed as cases per 100,000 population.

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

### Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	76	52	74	146	99	176	95	110	138	110	
JANUARY	1	0	2	5	3	1	0	1	0	5	
FEBRUARY	0	0	2	2	3	3	2	2	3	2	
MARCH	2	0	3	6	2	2	6	0	4	5	
APRIL	0	1	1	4	5	3	3	1	3	6	
MAY	1	4	2	4	4	7	6	6	7	6	
JUNE	15	2	7	10	9	14	7	7	12	4	
JULY	19	13	6	23	16	82	29	24	28	30	
AUGUST	14	10	9	28	25	34	16	26	34	30	
SEPTEMBER	10	8	16	31	17	12	10	15	23	16	
OCTOBER	7	7	15	23	7	4	9	22	15	4	
NOVEMBER	3	4	9	6	3	8	5	6	5	1	
DECEMBER	4	3	2	4	5	6	2	0	4	1	

Vibrio Infection (non-Cholera), Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	76	0.2	52	0.1	74	0.2	146	0.4	99	0.3	176	0.5	95	0.3	110	0.3	138	0.4	110	0.3
0	0	-	0	-	0	-	3	0.6*	0	-	0	-	0	-	0	-	1	0.2*	0	-
1-4	0	-	0	-	0	-	0	-	1	0.0*	1	0.0*	1	0.0*	0	-	1	0.0*	0	-
5-9	1	0.0*	1	0.0*	1	0.0*	1	0.0*	1	0.0*	3	0.1*	1	0.0*	2	0.1*	6	0.2*	4	0.2*
10-14	1	0.0*	1	0.0*	1	0.0*	0	-	3	0.1*	3	0.1*	6	0.2*	4	0.1*	5	0.2*	2	0.1*
15-24	7	0.1*	3	0.1*	6	0.1*	13	0.2*	8	0.1*	17	0.3*	9	0.2*	6	0.1*	7	0.1*	7	0.1*
25-34	14	0.3*	7	0.1*	16	0.3*	23	0.4	15	0.3*	38	0.7	19	0.4	21	0.4	29	0.6	24	0.4
35-44	15	0.3*	9	0.2*	23	0.4	29	0.5	20	0.4	36	0.7	17	0.3*	24	0.4	30	0.6	14	0.3*
45-54	22	0.5	16	0.3*	10	0.2*	34	0.7	19	0.4	32	0.6	22	0.4	16	0.3*	28	0.5	20	0.4
55-64	11	0.4*	8	0.3*	9	0.3*	22	0.7	19	0.6	26	0.8	7	0.2*	23	0.6	18	0.5*	23	0.6
65+	4	0.1*	7	0.2*	8	0.2*	21	0.6	13	0.3*	20	0.5	12	0.3*	14	0.3*	13	0.3*	16	0.4*
UNKNOWN	1	-	0	-	0	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

Vibrio Infection (non-Cholera), Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE		
TOTAL	76	0.2	52	0.1	74	0.2	146	0.4	99	0.3	176	0.5	95	0.3	110	0.3	138	0.4	110	0.3
ASIAN/PACIFIC ISLANDER	4	0.1*	6	0.1*	9	0.2*	4	0.1*	13	0.3*	9	0.2*	8	0.2*	9	0.2*	8	0.2*	8	0.2*
BLACK, NOT HISPANIC	1	0.0*	0	-	2	0.1*	2	0.1*	2	0.1*	1	0.0*	2	0.1*	0	-	0	-	2	0.1*
HISPANIC	17	0.1*	12	0.1*	20	0.2	37	0.3	20	0.2	37	0.3	22	0.2	18	0.1*	25	0.2	18	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	31	0.2	21	0.1	22	0.1	50	0.3	28	0.2	81	0.5	35	0.2	41	0.3	58	0.4	51	0.3
OTHER/UNKNOWN	23	-	12	-	21	-	53	-	36	-	48	-	28	-	40	-	47	-	31	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

**Yersiniosis**

Yersiniosis, Cases and Rates by Health Jurisdiction, California, 2001 to 2010

JURISDICTION	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	81	0.2	67	0.2	78	0.2	89	0.2	110	0.3	73	0.2	97	0.3	84	0.2	87	0.2	65	0.2
ALAMEDA COUNTY TOTAL	8	0.5*	9	0.6*	11	0.7*	9	0.6*	16	1.1*	4	0.3*	9	0.6*	2	0.1*	5	0.3*	4	0.3*
ALAMEDA	6	0.4*	9	0.7*	11	0.8*	9	0.7*	16	1.2*	3	0.2*	9	0.7*	2	0.1*	4	0.3*	4	0.3*
BERKELEY	2	1.9*	0	-	0	-	0	-	0	-	1	0.9*	0	-	0	-	1	0.9*	0	-
ALPINE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*	1	0.5*	0	-	0	-	0	-	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-	0	-	1	2.2*	0	-	0	-	1	2.2*	1	2.2*	0	-
COLUSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CONTRA COSTA	10	1.0*	4	0.4*	3	0.3*	8	0.8*	4	0.4*	3	0.3*	3	0.3*	1	0.1*	1	0.1*	3	0.3*
DEL NORTE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	3	0.4*	4	0.5*	1	0.1*	1	0.1*	5	0.6*	4	0.4*	2	0.2*	0	-
GLENN	1	3.8*	0	-	0	-	0	-	1	3.6*	0	-	0	-	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-	0	-	2	1.5*	0	-	0	-	0	-	1	0.7*	0	-
IMPERIAL	0	-	0	-	0	-	0	-	0	-	0	-	0	-	2	1.2*	0	-	1	0.6*
INYO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KERN	0	-	0	-	0	-	0	-	1	0.1*	0	-	0	-	0	-	1	0.1*	1	0.1*
KINGS	0	-	0	-	1	0.7*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LAKE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	17	0.2*	14	0.1*	15	0.2*	17	0.2*	16	0.2*	11	0.1*	14	0.1*	17	0.2*	19	0.2	14	0.1*
LOS ANGELES	16	0.2*	14	0.2*	13	0.1*	16	0.2*	16	0.2*	11	0.1*	14	0.2*	17	0.2*	19	0.2	13	0.1*
LONG BEACH	1	0.2*	0	-	2	0.4*	1	0.2*	0	-	0	-	0	-	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*
MADERA	0	-	0	-	0	-	0	-	1	0.7*	1	0.7*	0	-	1	0.7*	0	-	0	-
MARIN	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MENDOCINO	1	1.1*	1	1.1*	0	-	2	2.3*	1	1.1*	0	-	0	-	0	-	0	-	0	-
MERCED	0	-	2	0.9*	2	0.9*	0	-	0	-	2	0.8*	2	0.8*	0	-	2	0.8*	2	0.8*
MODOC	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONO	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	2	0.5*	0	-	0	-	0	-	0	-	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-	0	-	0	-	1	1.0*	0	-	0	-	0	-	0	-
ORANGE	2	0.1*	2	0.1*	6	0.2*	12	0.4*	9	0.3*	12	0.4*	18	0.6*	7	0.2*	17	0.6*	10	0.3*
PLACER	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	5.0*	0	-
RIVERSIDE	1	0.1*	1	0.1*	1	0.1*	2	0.1*	0	-	0	-	2	0.1*	1	0.0*	4	0.2*	2	0.1*
SACRAMENTO	4	0.3*	1	0.1*	4	0.3*	1	0.1*	3	0.2*	2	0.1*	0	-	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	1	1.8*	0	-	0	-	0	-	1	1.8*	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	2	0.1*	3	0.2*	0	-	3	0.2*	2	0.1*	5	0.2*	2	0.1*	5	0.2*	1	0.0*
SAN DIEGO	7	0.2*	10	0.3*	5	0.2*	17	0.6*	22	0.7	6	0.2*	10	0.3*	7	0.2*	9	0.3*	15	0.5*
SAN FRANCISCO	0	-	0	-	0	-	3	0.4*	5	0.6*	1	0.1*	1	0.1*	6	0.8*	4	0.5*	2	0.2*
SAN JOAQUIN	4	0.7*	5	0.8*	5	0.8*	5	0.8*	14	2.1*	6	0.9*	10	1.5*	8	1.2*	6	0.9*	2	0.3*
SAN LUIS OBISPO	0	-	0	-	1	0.4*	1	0.4*	0	-	1	0.4*	2	0.8*	1	0.4*	3	1.1*	0	-
SAN MATEO	5	0.7*	3	0.4*	1	0.1*	0	-	2	0.3*	1	0.1*	4	0.6*	4	0.6*	0	-	3	0.4*
SANTA BARBARA	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	1	0.2*	0	-	1	0.2*	0	-	0	-
SANTA CLARA	8	0.5*	3	0.2*	6	0.4*	4	0.2*	2	0.1*	6	0.4*	4	0.2*	4	0.2*	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	2	0.8*	0	-	1	0.4*	2	0.8*	0	-	1	0.4*	0	-	0	-
SHASTA	0	-	2	1.2*	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-	0	-	1	2.2*	0	-	0	-	1	2.2*	0	-	0	-
SOLANO	1	0.2*	1	0.2*	0	-	0	-	1	0.2*	0	-	2	0.5*	0	-	0	-	0	-
SONOMA	4	0.9*	1	0.2*	0	-	2	0.4*	1	0.2*	4	0.9*	0	-	0	-	1	0.2*	0	-
STANISLAUS	1	0.2*	0	-	2	0.4*	1	0.2*	1	0.2*	2	0.4*	3	0.6*	7	1.4*	0	-	0	-
SUTTER	1	1.2*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TULARE	0	-	0	-	0	-	0	-	0	-	1	0.2*	0	-	3	0.7*	2	0.5*	2	0.5*
TUOLUMNE	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VENTURA	2	0.3*	0	-	1	0.1*	0	-	1	0.1*	0	-	1	0.1*	1	0.1*	2	0.2*	1	0.1*
YOLO	0	-	1	0.6*	0	-	0	-	0	-	2	1.0*	1	0.5*	0	-	0	-	1	0.5*
YUBA	0	-	1	1.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.  
 \*Potentially unreliable rate, relative standard error 23 percent or more

## Yersiniosis

### Yersiniosis, Cases by Month of Estimated Illness Onset, California, 2001 to 2010

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
TOTAL	81	67	78	89	110	73	97	84	87	65	
JANUARY	15	13	9	7	10	7	8	5	6	4	
FEBRUARY	7	3	3	5	9	8	9	7	10	3	
MARCH	5	4	10	10	15	6	9	7	10	5	
APRIL	6	5	4	7	6	4	10	10	10	2	
MAY	6	10	5	6	6	8	9	9	11	6	
JUNE	11	6	4	9	15	8	13	10	6	7	
JULY	6	4	7	9	9	10	4	7	5	11	
AUGUST	3	4	3	11	8	4	10	7	5	12	
SEPTEMBER	3	4	6	8	11	4	7	3	5	6	
OCTOBER	7	5	6	7	7	3	7	5	10	4	
NOVEMBER	5	6	14	4	7	6	5	7	5	3	
DECEMBER	7	3	7	6	7	5	6	7	4	2	

### Yersiniosis, Cases and Rates by Age Group, California, 2001 to 2010

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	81	0.2	67	0.2	78	0.2	89	0.2	110	0.3	73	0.2	97	0.3	84	0.2	87	0.2	65	0.2
0	9	1.7*	16	3.1*	17	3.3*	15	2.9*	11	2.1*	9	1.7*	13	2.5*	8	1.5*	15	3.0*	4	0.8*
1-4	18	0.9*	10	0.5*	17	0.8*	19	0.9	20	1.0	12	0.6*	23	1.1	20	1.0	17	0.8*	10	0.5*
5-9	6	0.2*	3	0.1*	9	0.3*	6	0.2*	11	0.4*	0	-	10	0.4*	6	0.2*	11	0.4*	7	0.3*
10-14	3	0.1*	6	0.2*	1	0.0*	7	0.2*	5	0.2*	3	0.1*	8	0.3*	5	0.2*	6	0.2*	6	0.2*
15-24	9	0.2*	9	0.2*	4	0.1*	7	0.1*	12	0.2*	8	0.1*	7	0.1*	10	0.2*	7	0.1*	8	0.1*
25-34	6	0.1*	4	0.1*	4	0.1*	7	0.1*	6	0.1*	10	0.2*	6	0.1*	2	0.0*	8	0.2*	6	0.1*
35-44	6	0.1*	6	0.1*	6	0.1*	5	0.1*	15	0.3*	8	0.1*	3	0.1*	7	0.1*	0	-	4	0.1*
45-54	8	0.2*	5	0.1*	3	0.1*	7	0.1*	5	0.1*	7	0.1*	5	0.1*	5	0.1*	4	0.1*	3	0.1*
55-64	4	0.1*	5	0.2*	6	0.2*	4	0.1*	9	0.3*	3	0.1*	4	0.1*	6	0.2*	7	0.2*	6	0.1*
65+	11	0.3*	3	0.1*	9	0.2*	12	0.3*	15	0.4*	12	0.3*	18	0.5*	15	0.4*	12	0.3*	11	0.3*
UNKNOWN	1	-	0	-	2	-	0	-	1	-	1	-	0	-	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

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

### Yersiniosis, Cases and Rates by Race/Ethnicity, California, 2001 to 2010

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET																			
	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	81	0.2	67	0.2	78	0.2	89	0.2	110	0.3	73	0.2	97	0.3	84	0.2	87	0.2	65	0.2
ASIAN/PACIFIC ISLANDER	11	0.3*	8	0.2*	19	0.4	7	0.2*	15	0.3*	6	0.1*	10	0.2*	11	0.2*	8	0.2*	5	0.1*
BLACK, NOT HISPANIC	5	0.2*	3	0.1*	8	0.4*	7	0.3*	2	0.1*	2	0.1*	1	0.0*	2	0.1*	1	0.0*	2	0.1*
HISPANIC	13	0.1*	16	0.1*	18	0.1*	19	0.2	24	0.2	20	0.2	25	0.1	19	0.1	29	0.2	10	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	1	0.6*	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WHITE, NOT HISPANIC	14	0.1*	13	0.1*	11	0.1*	19	0.1	27	0.2	20	0.1	22	0.1	19	0.1	16	0.1*	16	0.1*
OTHER/UNKNOWN	38	-	27	-	21	-	37	-	42	-	25	-	39	-	33	-	33	-	32	-

Rates are expressed as cases per 100,000 population.

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



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