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GAVIN NEWSOM  
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**2022 Year-end Monthly Summary Report  
of Selected California Reportable Diseases**  
(As of July 31, 2023)

Center for Infectious Diseases  
Division of Communicable Disease Control  
Infectious Diseases Branch  
Surveillance and Statistics Section

An accessible Excel file version of the  
[2022 Year-end Monthly Summary Report](#)  
is available for download

# Year-end Total and Quarterly Case Counts for Selected Diseases\*\*: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Q1	Q2	Q3	Q4
Anaplasmosis	16	1	9	5	1
Anthrax	0	0	0	0	0
Babesiosis	7	0	1	6	0
Botulism, Foodborne	2	0	0	2	0
Botulism, Other	3	0	0	1	2
Botulism, Wound	27	4	8	10	5
Brucellosis	34	11	12	7	4
Campylobacteriosis	9,077	1,530	2,612	2,649	2,286
Chikungunya Virus Infection	24	5	2	6	11
Cholera	1	0	1	0	0
Ciguatera Fish Poisoning	0	0	0	0	0
Coccidioidomycosis(1)	7,451	1,657	1,937	2,013	1,844
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	6	5	6	1
Cryptosporidiosis	946	161	254	269	262
Cyclosporiasis	156	1	74	76	5
Cysticercosis or Taeniasis	18	4	3	9	2
Dengue Virus Infection	127	14	21	60	32
Domoic Acid Poisoning	0	0	0	0	0
Ehrlichiosis	2	0	1	1	0
Flavivirus Infection of Undetermined Species	2	1	0	1	0
Giardiasis	2,396	596	594	682	524
Hantavirus Infection	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	7	15	23	10
Hepatitis E, acute infection	34	10	10	10	4
Legionellosis	588	133	122	171	162
Leprosy (Hansen's Disease)	6	2	3	0	1
Leptospirosis	5	2	0	1	2
Listeriosis(3)	104	16	27	41	20
Lyme Disease	77	15	18	31	13
Malaria	116	24	29	39	24
Paralytic Shellfish Poisoning	0	0	0	0	0
Paratyphoid Fever	29	8	7	5	9
Plague, human	0	0	0	0	0
Psittacosis	2	0	2	0	0
Q Fever	66	24	23	15	4
Rabies, animal	241	20	71	111	39
Rabies, human	0	0	0	0	0
Relapsing Fever	4	0	2	2	0
Salmonellosis	5,623	743	1,367	2,242	1,271
Scombroid Fish Poisoning	34	7	6	15	6
Shiga toxin-producing E. coli (STEC) without HUS	2,374	379	676	837	482
Shiga toxin-producing E. coli (STEC) with HUS	53	7	13	23	10
Shigellosis, total	3,770	799	869	1,097	1,005
-- Group A	11	0	7	0	4
-- Group B	894	238	205	212	239
-- Group C	8	1	3	2	2
-- Group D	468	67	83	155	163
-- Unspecified	2,389	493	571	728	597
Spotted Fever Rickettsiosis	12	0	5	5	2
St. Louis Encephalitis virus	16	0	4	9	3
Trichinosis	0	0	0	0	0
Tularemia	1	0	1	0	0
Typhoid Fever	84	25	23	22	14
Typhus Fever	216	31	49	80	56
Vibrio Infection (non-Cholera)	332	36	52	165	79
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0
West Nile virus, total	221	0	15	170	36
-- West Nile virus, neuroinvasive	162	0	8	124	30
-- West Nile virus, non-neuroinvasive	45	0	6	34	5
-- West Nile virus, asymptomatic	14	0	1	12	1
Yellow Fever	0	0	0	0	0
Yersiniosis	549	114	144	179	112
Zika Virus Infection	5	2	1	2	0
<b>Total****</b>	<b>34,871</b>	<b>6,388</b>	<b>9,075</b>	<b>11,075</b>	<b>8,333</b>

Please refer to Technical Notes for details regarding items noted.

# Case Counts for Selected Diseases by Month of Estimated Onset Date\*\*: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	January	February	March	April	May	June	July	August	September	October	November	December
Anaplasmosis	16	0	1	0	1	3	5	2	2	1	0	1	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	1	4	2	0	0	0	0
Botulism, Foodborne	2	0	0	0	0	0	0	0	2	0	0	0	0
Botulism, Other	3	0	0	0	0	0	0	1	0	0	1	0	1
Botulism, Wound	27	2	2	0	2	3	3	3	2	5	3	1	1
Brucellosis	34	7	2	2	4	5	3	4	1	2	1	2	1
Campylobacteriosis	9,077	497	501	532	711	937	964	937	934	778	846	744	696
Chikungunya Virus Infection	24	2	1	2	0	0	2	3	1	2	5	3	3
Cholera	1	0	0	0	1	0	0	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	593	534	530	618	678	641	622	703	688	578	661	605
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	3	2	1	1	2	2	1	3	2	1	0	0
Cryptosporidiosis	946	56	41	64	82	86	86	82	114	73	96	94	72
Cyclosporiasis	156	1	0	0	4	35	35	49	22	5	3	1	1
Cysticercosis or Taeniasis	18	1	1	2	1	0	2	0	6	3	1	1	0
Dengue Virus Infection	127	5	2	7	4	9	8	21	21	18	23	4	5
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	1	1	0	0	0	0	0
Flavivirus Infection of Undetermined Species	2	0	0	1	0	0	0	0	1	0	0	0	0
Giardiasis	2,396	192	208	196	185	197	212	191	254	237	214	137	173
Hantavirus Infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	3	3	1	6	3	6	6	10	7	4	4	2
Hepatitis E, acute infection	34	2	4	4	4	2	4	3	4	3	1	2	1
Legionellosis	588	54	32	47	51	27	44	48	56	67	46	64	52
Leprosy (Hansen's Disease)	6	2	0	0	2	1	0	0	0	0	1	0	0
Leptospirosis	5	2	0	0	0	0	0	0	1	0	1	1	0
Listeriosis(3)	104	6	5	5	8	9	10	11	18	12	8	6	6
Lyme Disease	77	4	5	6	7	2	9	15	10	6	5	5	3
Malaria	116	12	7	5	12	6	11	17	10	12	11	8	5
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	29	4	1	3	3	0	4	3	0	2	3	1	5
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	0	2	0	0	0	0	0	0	0
Q Fever	66	4	10	10	9	7	7	6	3	6	3	0	1
Rabies, animal	241	2	7	11	23	24	24	31	38	42	25	7	7
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	4	0	0	0	0	0	2	1	1	0	0	0	0
Salmonellosis	5,623	231	259	253	378	487	502	661	788	793	590	385	296
Scambroid Fish Poisoning	34	3	1	3	2	1	3	3	6	6	1	4	1
Shiga toxin-producing E. coli (STEC) without HUS	2,374	103	119	157	196	206	274	292	320	225	221	139	122
Shiga toxin-producing E. coli (STEC) with HUS	53	3	3	1	5	2	6	6	10	7	4	4	2
Shigellosis, total	3,770	262	255	282	287	288	294	320	401	376	466	297	242
-- Group A	11	0	0	0	2	3	2	0	0	0	0	3	1
-- Group B	894	94	78	66	72	65	68	68	76	68	91	77	71
-- Group C	8	0	0	1	0	3	0	0	1	1	0	1	1
-- Group D	468	17	20	30	29	32	22	48	44	63	97	38	28
-- Unspecified	2,389	151	157	185	184	185	202	204	280	244	278	178	141
Spotted Fever Rickettsiosis	12	0	0	0	0	3	2	2	3	0	1	0	1
St. Louis Encephalitis virus	16	0	0	0	0	1	3	2	6	1	2	0	1
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	1	0	0	0	0	1	0	0	0	0	0	0	0
Typhoid Fever	84	7	5	13	8	6	9	7	9	6	3	4	7
Typhus Fever	216	8	11	12	6	25	18	20	30	30	19	24	13
Vibrio Infection (non-Cholera)	332	10	13	13	19	12	21	30	85	50	43	20	16
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus, total	221	0	0	0	1	3	11	37	71	62	29	6	1
-- West Nile virus, neuroinvasive	162	0	0	0	0	0	8	25	51	48	25	4	1
-- West Nile virus, non-neuroinvasive	45	0	0	0	1	3	2	8	17	9	4	1	0
-- West Nile virus, asymptomatic	14	0	0	0	0	0	1	4	3	5	0	1	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	549	39	28	47	42	55	47	53	62	64	38	33	41
Zika Virus Infection	5	0	0	2	0	0	1	2	0	0	0	0	0
<b>Total****</b>	<b>34,871</b>	<b>2,117</b>	<b>2,060</b>	<b>2,211</b>	<b>2,678</b>	<b>3,126</b>	<b>3,271</b>	<b>3,491</b>	<b>4,000</b>	<b>3,584</b>	<b>3,293</b>	<b>2,659</b>	<b>2,381</b>

Please refer to Technical Notes for details regarding items noted.

# Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Alameda	Berkeley	Alpine	Amador	Butte	Calaveras	Colusa	Contra Costa	Del Norte	El Dorado	Fresno
Anaplasmosis	16	0	0	0	0	1	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	0	0	1	0	0	0
Botulism, Foodborne	2	0	0	0	0	0	0	0	0	0	0	0
Botulism, Other	3	0	0	0	0	0	0	0	0	0	0	0
Botulism, Wound	27	0	0	0	0	0	0	0	0	0	0	1
Brucellosis	34	4	0	0	0	0	0	0	0	0	0	3
Campylobacteriosis	9,077	371	24	0	6	84	0	4	285	6	35	281
Chikungunya Virus Infection	24	4	0	0	0	0	0	0	0	0	0	0
Cholera	1	0	0	0	0	0	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	76	3	0	5	2	2	1	87	0	6	448
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	1	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	946	19	0	0	0	17	0	0	16	1	4	10
Cyclosporiasis	156	8	3	0	0	0	0	1	4	0	1	1
Cysticercosis or Taeniasis	18	2	0	0	0	0	0	1	0	0	0	0
Dengue Virus Infection	127	8	4	0	0	0	0	0	3	0	0	2
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	2	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	2,396	151	15	0	0	10	0	1	103	2	6	40
Hantavirus Infection	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	1	0	0	0	0	0	0	3	0	0	5
Hepatitis E, acute infection	34	0	1	0	0	0	0	0	2	0	0	1
Legionellosis	588	12	0	0	0	1	1	0	11	0	0	11
Leprosy (Hansen's Disease)	6	0	0	0	0	0	0	0	0	0	0	0
Leptospirosis	5	0	0	0	0	0	0	0	0	0	0	0
Listeriosis(3)	104	8	0	0	0	0	0	0	3	0	0	0
Lyme Disease	77	3	1	0	0	1	0	0	2	1	5	1
Malaria	116	18	0	0	0	0	0	0	5	0	0	1
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	29	1	0	0	0	0	0	0	0	0	0	1
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	0	0	0	0	1	0	0	0
Q Fever	66	1	0	0	0	0	0	0	2	0	0	2
Rabies, animal	241	2	0	0	4	9	6	0	2	1	20	2
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	4	0	0	0	0	0	0	0	0	0	0	1
Salmonellosis	5,623	233	14	0	5	25	6	3	215	1	38	123
Scombroid Fish Poisoning	34	0	0	0	0	0	0	0	1	0	0	0
Shiga toxin-producing E. coli (STEC) without HUS	2,374	113	13	0	0	3	0	2	101	1	4	48
Shiga toxin-producing E. coli (STEC) with HUS	53	1	0	0	0	0	0	0	3	0	0	4
Shigellosis, total	3,770	137	17	0	1	4	0	0	86	0	4	54
-- Group A	11	0	0	0	0	0	0	0	0	0	0	0
-- Group B	894	21	1	0	0	3	0	0	24	0	0	13
-- Group C	8	0	0	0	0	0	0	0	1	0	0	0
-- Group D	468	14	1	0	0	1	0	0	9	0	0	1
-- Unspecified	2,389	102	15	0	1	0	0	0	52	0	4	40
Spotted Fever Rickettsiosis	12	0	0	0	0	0	0	0	0	0	0	0
St. Louis Encephalitis virus	16	0	0	0	0	0	0	0	0	0	0	2
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	1	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	84	9	0	0	0	0	0	0	0	0	0	2
Typhus Fever	216	1	0	0	0	0	0	0	0	0	0	1
Vibrio Infection (non-Cholera)	332	5	0	0	0	0	0	0	19	0	3	8
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus, total	221	1	0	0	0	3	0	1	1	0	0	33
-- West Nile virus, neuroinvasive	162	1	0	0	0	3	0	1	1	0	0	21
-- West Nile virus, non-neuroinvasive	45	0	0	0	0	0	0	0	0	0	0	9
-- West Nile virus, asymptomatic	14	0	0	0	0	0	0	0	0	0	0	3
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	549	14	6	0	1	0	0	0	11	0	1	11
Zika Virus Infection	5	1	0	0	0	0	0	0	0	0	0	0
<b>Total****</b>	<b>34,871</b>	<b>1,204</b>	<b>101</b>	<b>0</b>	<b>22</b>	<b>160</b>	<b>15</b>	<b>14</b>	<b>964</b>	<b>13</b>	<b>127</b>	<b>1,093</b>

Please refer to Technical Notes for details regarding items noted.

# Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Glenn	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Long Beach	Pasadena
Anaplasmosis	16	0	0	0	0	0	0	0	0	2	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	0	0	0	2	1	0
Botulism, Foodborne	2	0	0	0	0	0	0	0	0	0	1	0
Botulism, Other	3	0	0	0	0	0	0	0	0	1	0	0
Botulism, Wound	27	0	0	1	0	2	0	0	0	3	0	0
Brucellosis	34	0	0	0	0	1	1	0	0	8	0	0
Campylobacteriosis	9,077	3	19	124	8	279	47	31	0	2,010	92	36
Chikungunya Virus Infection	24	0	0	0	0	0	0	0	0	8	0	0
Cholera	1	0	0	0	0	0	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	2	3	20	1	2,407	168	0	1	1,461	66	9
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	0	0	0	0	0	1	0	0	4	0	0
Cryptosporidiosis	946	0	4	4	8	13	2	4	0	246	18	0
Cyclosporiasis	156	0	1	3	0	2	1	1	0	21	5	0
Cysticercosis or Taeniasis	18	0	0	0	0	1	0	0	0	3	0	0
Dengue Virus Infection	127	0	0	0	0	2	0	0	0	35	0	0
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	0	0	0	2	0	0
Flavivirus Infection of Undetermined Species	2	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	2,396	0	9	17	1	41	12	6	0	559	22	6
Hantavirus Infection	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	0	0	0	0	1	2	0	0	9	0	0
Hepatitis E, acute infection	34	0	0	2	0	0	0	2	0	1	2	1
Legionellosis	588	0	1	1	0	12	1	2	0	138	16	0
Leprosy (Hansen's Disease)	6	0	0	0	0	0	0	0	0	1	1	0
Leptospirosis	5	0	0	0	0	0	0	0	0	0	0	0
Listeriosis(3)	104	0	0	0	0	0	1	1	0	26	2	1
Lyme Disease	77	0	4	0	0	0	0	0	0	7	0	0
Malaria	116	0	0	1	0	1	0	0	0	34	2	1
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	29	0	1	0	0	1	0	0	0	6	0	0
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	0	0	0	0	0	0	0	0
Q Fever	66	0	2	0	0	0	1	0	0	9	1	0
Rabies, animal	241	0	2	0	0	0	0	0	0	50	0	0
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	4	0	0	0	0	0	0	0	0	1	0	0
Salmonellosis	5,623	3	11	67	2	80	7	9	1	1,247	78	27
Scambroid Fish Poisoning	34	0	0	0	0	0	0	0	0	4	1	0
Shiga toxin-producing E. coli (STEC) without HUS	2,374	1	10	88	2	33	10	0	0	504	23	5
Shiga toxin-producing E. coli (STEC) with HUS	53	0	0	0	0	1	2	0	0	8	0	0
Shigellosis, total	3,770	0	33	34	0	92	3	1	1	1,039	72	13
-- Group A	11	0	0	0	0	1	0	0	0	1	0	0
-- Group B	894	0	1	5	0	19	1	0	0	334	35	1
-- Group C	8	0	0	0	0	0	0	0	0	4	1	0
-- Group D	468	0	15	0	0	44	0	0	0	170	14	2
-- Unspecified	2,389	0	17	29	0	28	2	1	1	530	22	10
Spotted Fever Rickettsiosis	12	0	0	0	0	0	0	0	0	7	0	0
St. Louis Encephalitis virus	16	0	0	0	0	3	0	0	0	3	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	1	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	84	0	0	0	0	5	0	0	0	16	0	0
Typhus Fever	216	0	0	0	0	0	0	0	0	159	14	5
Vibrio Infection (non-Cholera)	332	0	0	14	0	7	0	0	0	63	5	0
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus, total	221	1	0	0	0	23	7	0	0	61	4	3
-- West Nile virus, neuroinvasive	162	1	0	0	0	17	6	0	0	43	2	0
-- West Nile virus, non-neuroinvasive	45	0	0	0	0	5	1	0	0	15	0	1
-- West Nile virus, asymptomatic	14	0	0	0	0	1	0	0	0	3	2	2
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	549	0	6	11	1	7	7	2	0	121	7	5
Zika Virus Infection	5	0	0	0	0	0	0	0	0	2	0	0
<b>Total****</b>	<b>34,871</b>	<b>10</b>	<b>106</b>	<b>387</b>	<b>23</b>	<b>3,013</b>	<b>271</b>	<b>59</b>	<b>3</b>	<b>7,873</b>	<b>433</b>	<b>112</b>

Please refer to Technical Notes for details regarding items noted.

# Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Madera	Marin	Mariposa	Mendocino	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange
Anaplasmosis	16	0	8	0	0	0	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	0	0	0	0	0	1
Botulism, Foodborne	2	0	0	0	0	0	0	0	0	0	0	0
Botulism, Other	3	0	0	0	0	0	0	0	0	0	0	0
Botulism, Wound	27	0	0	0	0	0	0	0	3	0	0	3
Brucellosis	34	0	0	0	0	0	0	0	0	0	0	1
Campylobacteriosis	9,077	54	77	5	52	61	2	1	70	23	38	511
Chikungunya Virus Infection	24	0	1	0	0	0	0	0	0	0	0	1
Cholera	1	0	0	0	0	0	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	51	2	1	3	69	0	0	113	1	1	297
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	0	1	0	0	0	0	0	0	0	0	1
Cryptosporidiosis	946	2	3	0	13	1	9	0	5	4	3	55
Cyclosporiasis	156	0	3	0	0	0	0	0	1	0	0	16
Cysticercosis or Taeniasis	18	0	0	0	0	0	0	0	0	0	0	0
Dengue Virus Infection	127	0	0	0	0	0	0	0	1	1	0	6
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	2	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	2,396	2	40	0	13	15	2	1	14	11	9	128
Hantavirus Infection	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	1	0	0	1	0	0	0	0	0	2	4
Hepatitis E, acute infection	34	0	1	0	0	1	0	0	0	3	0	1
Legionellosis	588	2	4	0	1	4	0	0	13	13	0	78
Leprosy (Hansen's Disease)	6	0	0	0	0	1	0	0	0	0	0	1
Leptospirosis	5	0	0	0	0	0	0	0	1	0	0	0
Listeriosis(3)	104	0	0	0	0	0	0	0	1	0	0	12
Lyme Disease	77	2	3	0	7	0	0	0	1	2	1	0
Malaria	116	1	1	0	1	0	0	0	0	0	2	4
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	29	0	0	0	0	0	0	0	0	0	0	3
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	1	0	0	0	0	0	0	0
Q Fever	66	0	0	0	0	0	0	0	1	0	0	5
Rabies, animal	241	3	11	1	0	0	0	0	4	2	2	18
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	4	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	5,623	27	40	2	16	29	0	2	39	19	16	394
Scambroid Fish Poisoning	34	0	0	0	0	0	0	0	1	0	0	15
Shiga toxin-producing E. coli (STEC) without HUS	2,374	6	22	0	8	15	2	0	20	18	7	126
Shiga toxin-producing E. coli (STEC) with HUS	53	1	0	0	1	0	0	0	0	0	2	4
Shigellosis, total	3,770	9	32	0	3	3	0	0	28	11	0	226
-- Group A	11	0	0	0	0	0	0	0	0	0	0	0
-- Group B	894	0	2	0	0	1	0	0	17	0	0	57
-- Group C	8	0	0	0	0	0	0	0	0	0	0	1
-- Group D	468	0	1	0	1	0	0	0	6	0	0	77
-- Unspecified	2,389	9	29	0	2	2	0	0	5	11	0	91
Spotted Fever Rickettsiosis	12	0	0	0	0	0	0	0	0	0	0	1
St. Louis Encephalitis virus	16	0	0	0	0	0	0	0	0	0	0	1
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	1	0	1	0	0	0	0	0	0	0	0	0
Typhoid Fever	84	0	0	0	0	0	0	0	0	0	0	11
Typhus Fever	216	0	0	0	0	0	0	0	0	0	0	30
Vibrio Infection (non-Cholera)	332	0	4	0	1	1	0	1	2	1	5	31
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus, total	221	3	0	0	0	7	0	0	0	0	0	11
-- West Nile virus, neuroinvasive	162	3	0	0	0	7	0	0	0	0	0	7
-- West Nile virus, non-neuroinvasive	45	0	0	0	0	0	0	0	0	0	0	2
-- West Nile virus, asymptomatic	14	0	0	0	0	0	0	0	0	0	0	2
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	549	1	1	1	5	1	0	0	9	1	0	55
Zika Virus Infection	5	0	0	0	0	0	0	0	0	0	0	0
<b>Total****</b>	<b>34,871</b>	<b>164</b>	<b>255</b>	<b>10</b>	<b>125</b>	<b>208</b>	<b>15</b>	<b>5</b>	<b>327</b>	<b>110</b>	<b>86</b>	<b>2,047</b>

Please refer to Technical Notes for details regarding items noted.

# Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Placer	Plumas	Riverside	Sacramento	San Benito	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo
Anaplasmosis	16	0	0	0	0	0	0	1	1	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	0	1	1	0	0	0
Botulism, Foodborne	2	0	0	0	0	0	0	0	0	0	0	0
Botulism, Other	3	0	0	0	1	0	0	0	0	0	0	0
Botulism, Wound	27	0	0	3	1	0	3	4	0	0	0	0
Brucellosis	34	1	0	0	0	0	2	7	1	0	0	2
Campylobacteriosis	9,077	92	5	461	345	19	273	954	312	160	76	235
Chikungunya Virus Infection	24	0	0	0	2	0	0	2	0	0	0	1
Cholera	1	0	0	0	1	0	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	9	0	349	54	2	229	415	18	104	144	22
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	0	0	0	1	0	1	0	0	0	1	0
Cryptosporidiosis	946	6	0	61	18	2	14	94	70	5	13	36
Cyclosporiasis	156	1	0	10	3	0	2	13	17	0	3	2
Cysticercosis or Taeniasis	18	0	0	1	2	0	0	3	1	0	0	1
Dengue Virus Infection	127	1	0	3	6	0	0	14	6	1	1	6
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	2	0	0	0	0	0	0	0	1	0	0	0
Giardiasis	2,396	40	0	116	22	1	83	193	248	20	7	57
Hantavirus Infection	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	0	0	0	5	0	0	2	0	3	3	0
Hepatitis E, acute infection	34	0	0	4	0	0	1	2	1	1	1	0
Legionellosis	588	1	0	29	21	0	24	84	6	6	7	6
Leprosy (Hansen's Disease)	6	0	0	0	0	0	0	2	0	0	0	0
Leptospirosis	5	0	0	0	0	0	0	0	1	0	0	0
Listeriosis(3)	104	1	0	2	3	0	3	20	2	0	0	3
Lyme Disease	77	1	0	0	2	0	0	4	2	0	4	0
Malaria	116	1	0	0	8	0	3	10	1	3	0	2
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	29	0	0	0	0	0	0	3	0	0	0	1
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	0	0	0	0	0	0	0	0
Q Fever	66	2	0	9	4	1	5	4	1	1	0	0
Rabies, animal	241	2	1	13	10	0	17	3	2	3	1	2
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	4	1	0	0	0	0	0	0	0	0	0	0
Salmonellosis	5,623	94	1	329	149	15	315	683	106	125	46	94
Scombroid Fish Poisoning	34	0	0	0	0	0	0	8	0	0	1	0
Shiga toxin-producing E. coli (STEC) without HUS	2,374	28	2	78	68	8	59	203	84	38	21	81
Shiga toxin-producing E. coli (STEC) with HUS	53	0	0	0	5	0	0	2	0	3	3	0
Shigellosis, total	3,770	15	0	210	87	3	86	528	358	57	7	87
-- Group A	11	0	0	3	2	0	3	0	0	0	0	1
-- Group B	894	1	0	52	23	0	29	0	163	2	0	3
-- Group C	8	0	0	0	0	0	0	0	0	0	0	1
-- Group D	468	0	0	22	7	1	15	0	29	2	1	2
-- Unspecified	2,389	14	0	133	55	2	39	528	166	53	6	80
Spotted Fever Rickettsiosis	12	0	0	1	0	0	0	2	0	0	0	0
St. Louis Encephalitis virus	16	0	0	0	1	0	0	0	0	0	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	1	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	84	0	0	3	2	0	0	13	0	3	1	2
Typhus Fever	216	0	0	5	0	0	1	0	0	0	0	0
Vibrio Infection (non-Cholera)	332	0	0	21	6	2	1	38	9	3	8	12
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus, total	221	2	0	0	5	0	4	3	0	5	0	1
-- West Nile virus, neuroinvasive	162	2	0	0	5	0	4	1	0	2	0	1
-- West Nile virus, non-neuroinvasive	45	0	0	0	0	0	0	2	0	2	0	0
-- West Nile virus, asymptomatic	14	0	0	0	0	0	0	0	0	1	0	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	549	0	1	36	9	2	8	50	13	6	3	20
Zika Virus Infection	5	0	0	0	0	0	0	1	1	0	0	0
<b>Total****</b>	<b>34,871</b>	<b>298</b>	<b>10</b>	<b>1,744</b>	<b>836</b>	<b>55</b>	<b>1,134</b>	<b>3,364</b>	<b>1,263</b>	<b>544</b>	<b>348</b>	<b>673</b>

Please refer to Technical Notes for details regarding items noted.

# Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama
Anaplasmosis	16	0	1	1	0	0	0	0	1	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	0	0	0	0	0	0
Botulism, Foodborne	2	0	1	0	0	0	0	0	0	0	0	0
Botulism, Other	3	0	0	0	1	0	0	0	0	0	0	0
Botulism, Wound	27	0	2	0	0	0	0	0	0	0	0	0
Brucellosis	34	1	0	0	0	0	0	0	0	0	0	0
Campylobacteriosis	9,077	158	443	74	29	0	2	85	107	158	25	15
Chikungunya Virus Infection	24	0	4	0	0	0	0	1	0	0	0	0
Cholera	1	0	0	0	0	0	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	41	84	16	0	0	1	27	10	63	0	1
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	0	0	0	3	0	0	0	2	1	0	0
Cryptosporidiosis	946	44	43	6	3	0	0	3	8	1	0	2
Cyclosporiasis	156	6	10	0	0	0	1	2	0	1	0	0
Cysticercosis or Taeniasis	18	0	2	0	0	0	0	0	1	0	0	0
Dengue Virus Infection	127	2	17	0	1	0	0	2	0	0	0	0
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	2	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	2,396	38	97	23	7	0	1	23	42	51	3	3
Hantavirus Infection	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	1	2	0	1	0	1	2	1	1	0	0
Hepatitis E, acute infection	34	0	4	0	0	0	0	0	1	0	0	0
Legionellosis	588	4	19	6	0	0	0	7	2	6	4	1
Leprosy (Hansen's Disease)	6	0	0	0	0	0	0	0	0	0	0	0
Leptospirosis	5	0	2	0	0	0	0	0	0	1	0	0
Listeriosis(3)	104	0	2	3	1	0	0	0	3	0	0	0
Lyme Disease	77	3	4	5	1	0	0	0	5	0	0	1
Malaria	116	0	14	0	0	0	0	1	0	0	0	0
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	29	0	12	0	0	0	0	0	0	0	0	0
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	0	0	0	0	0	0	0	0
Q Fever	66	0	7	0	0	0	0	2	0	5	0	0
Rabies, animal	241	4	7	2	2	0	0	3	4	0	1	0
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	4	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	5,623	56	296	35	29	0	7	50	69	56	9	14
Scambroid Fish Poisoning	34	1	0	0	0	0	0	0	0	0	0	0
Shiga toxin-producing E. coli (STEC) without HUS	2,374	59	161	16	7	0	5	36	48	36	1	6
Shiga toxin-producing E. coli (STEC) with HUS	53	1	2	0	1	0	1	2	1	1	0	0
Shigellosis, total	3,770	30	180	28	0	0	0	34	27	27	1	0
-- Group A	11	0	0	0	0	0	0	0	0	0	0	0
-- Group B	894	1	50	8	0	0	0	3	0	7	0	0
-- Group C	8	0	0	0	0	0	0	0	0	0	0	0
-- Group D	468	3	10	4	0	0	0	3	3	0	0	0
-- Unspecified	2,389	26	120	16	0	0	0	28	24	20	1	0
Spotted Fever Rickettsiosis	12	0	0	0	0	0	0	1	0	0	0	0
St. Louis Encephalitis virus	16	0	0	0	0	0	0	0	1	1	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	1	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	84	0	13	0	0	0	0	0	1	1	1	0
Typhus Fever	216	0	0	0	0	0	0	0	0	0	0	0
Vibrio Infection (non-Cholera)	332	13	12	5	0	0	2	1	7	2	0	0
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus, total	221	0	1	0	1	0	0	2	0	15	1	3
-- West Nile virus, neuroinvasive	162	0	1	0	1	0	0	2	0	10	1	2
-- West Nile virus, non-neuroinvasive	45	0	0	0	0	0	0	0	0	5	0	1
-- West Nile virus, asymptomatic	14	0	0	0	0	0	0	0	0	0	0	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	549	18	36	5	2	0	0	1	6	3	0	0
Zika Virus Infection	5	0	0	0	0	0	0	0	0	0	0	0
<b>Total****</b>	<b>34,871</b>	<b>479</b>	<b>1,476</b>	<b>225</b>	<b>88</b>	<b>0</b>	<b>20</b>	<b>283</b>	<b>346</b>	<b>429</b>	<b>46</b>	<b>46</b>

Please refer to Technical Notes for details regarding items noted.



# Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2022 (As of July 31, 2023\*)

Disease***	STATE TOTAL	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
Anaplasmosis	16	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0
Babesiosis	7	0	0	0	0	0	0
Botulism, Foodborne	2	0	0	0	0	0	0
Botulism, Other	3	0	0	0	0	0	0
Botulism, Wound	27	0	0	0	1	0	0
Brucellosis	34	0	1	0	1	0	0
Campylobacteriosis	9,077	3	135	12	195	50	15
Chikungunya Virus Infection	24	0	0	0	0	0	0
Cholera	1	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0
Coccidioidomycosis(1)	7,451	0	312	2	235	5	2
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	18	0	0	0	0	1	0
Cryptosporidiosis	946	0	14	0	33	7	2
Cyclosporiasis	156	0	3	0	10	0	0
Cysticercosis or Taeniasis	18	0	0	0	0	0	0
Dengue Virus Infection	127	0	0	0	1	4	0
Domoic Acid Poisoning	0	0	0	0	0	0	0
Ehrlichiosis	2	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	2	0	0	0	1	0	0
Giardiasis	2,396	2	17	1	41	20	4
Hantavirus Infection	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	55	0	3	0	0	0	1
Hepatitis E, acute infection	34	0	0	0	0	1	0
Legionellosis	588	0	4	1	26	2	0
Leprosy (Hansen's Disease)	6	0	0	0	0	0	0
Leptospirosis	5	0	0	0	0	0	0
Listeriosis(3)	104	0	1	0	3	2	0
Lyme Disease	77	0	0	0	2	1	1
Malaria	116	0	0	0	1	0	0
Paralytic Shellfish Poisoning	0	0	0	0	0	0	0
Paratyphoid Fever	29	0	0	0	0	0	0
Plague, human	0	0	0	0	0	0	0
Psittacosis	2	0	0	0	0	0	0
Q Fever	66	0	1	0	0	0	0
Rabies, animal	241	4	0	0	6	11	4
Rabies, human	0	0	0	0	0	0	0
Relapsing Fever	4	0	0	1	0	0	0
Salmonellosis	5,623	1	67	11	157	23	7
Scombroid Fish Poisoning	34	0	0	1	1	0	0
Shiga toxin-producing E. coli (STEC) without HUS	2,374	3	41	1	81	16	2
Shiga toxin-producing E. coli (STEC) with HUS	53	0	3	0	0	0	1
Shigellosis, total	3,770	0	11	0	76	14	1
-- Group A	11	0	0	0	0	0	0
-- Group B	894	0	0	0	14	2	1
-- Group C	8	0	0	0	0	0	0
-- Group D	468	0	0	0	9	1	0
-- Unspecified	2,389	0	11	0	53	11	0
Spotted Fever Rickettsiosis	12	0	0	0	0	0	0
St. Louis Encephalitis virus	16	0	4	0	0	0	0
Trichinosis	0	0	0	0	0	0	0
Tularemia	1	0	0	0	0	0	0
Typhoid Fever	84	0	0	0	0	1	0
Typhus Fever	216	0	0	0	0	0	0
Vibrio Infection (non-Cholera)	332	0	5	0	14	1	0
Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses)	0	0	0	0	0	0	0
West Nile virus, total	221	0	15	0	0	3	1
-- West Nile virus, neuroinvasive	162	0	14	0	0	2	1
-- West Nile virus, non-neuroinvasive	45	0	1	0	0	1	0
-- West Nile virus, asymptomatic	14	0	0	0	0	0	0
Yellow Fever	0	0	0	0	0	0	0
Yersiniosis	549	0	19	0	26	0	0
Zika Virus Infection	5	0	0	0	0	0	0
<b>Total****</b>	<b>34,871</b>	<b>13</b>	<b>653</b>	<b>30</b>	<b>911</b>	<b>162</b>	<b>40</b>

Please refer to Technical Notes for details regarding items noted.

## TECHNICAL NOTES FOR YEAR-END SUMMARY REPORT OF SELECTED CALIFORNIA REPORTABLE DISEASES

In interpretation of the numbers in this report, please consider the following points:

- \* Data in this report represent final disease case counts for 2022 as of July 31, 2023. However, the time required to complete clinical, laboratory, and epidemiologic investigation for disease cases can vary and sometimes delay case reporting. Thus, data in this report may differ from data presented in subsequent reports published.
- \*\* Estimated onset date is the date closest to the time when symptoms first appeared. Since a date of onset may not be recorded, the estimated onset date can range from the date of first appearance of symptoms to the date the report was made to California Department of Public Health (CDPH).
- \*\*\* For cases reported with the following diseases, only those that met criteria for 'Confirmed' as specified in the surveillance case definition are included: Cholera, Coccidioidomycosis, Hantavirus Infection, Legionellosis, Leprosy (Hansen's Disease), Plague (human), and Rabies (animal and human).

For cases reported with the following diseases, only those that met criteria for 'Confirmed' or 'Probable' as specified in the surveillance case definition are included: Anaplasmosis, Anthrax, Babesiosis, Botulism (foodborne, wound, and other), Brucellosis, Campylobacteriosis, Chikungunya Virus Infection, Ciguatera Fish Poisoning, Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cryptosporidiosis, Cyclosporiasis, Cysticercosis/Taeniasis, Dengue Virus Infection, Domoic Acid Poisoning, Ehrlichiosis, Flavivirus Infection of Undetermined Species, Giardiasis, Hemolytic Uremic Syndrome, Hepatitis E (acute infection), Leptospirosis, Listeriosis (neonatal and non-neonatal), Lyme Disease, Malaria, Paralytic Shellfish Poisoning, Paratyphoid Fever, Psittacosis, Q Fever, Relapsing Fever, Salmonellosis, Scombroid Fish Poisoning, Shiga toxin-producing E. coli (STEC) without HUS, Shiga toxin-producing E. coli (STEC) with HUS, Shigellosis (Groups A, B, C, D, and Unspecified), Spotted Fever Rickettsiosis, St. Louis Encephalitis virus, Trichinosis, Tularemia, Typhoid Fever, Typhus Fever, Vibrio Infection (non-Cholera), Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses), West Nile virus (neuroinvasive, non-neuroinvasive, and asymptomatic), Yellow Fever, Yersiniosis, and Zika Virus Infection.

For cases reported with the following diseases, only those closed by CDPH are included: Anthrax, Botulism (foodborne, wound, and other), Brucellosis, Chikungunya Virus Infection, Cholera, Cysticercosis/Taeniasis, Dengue Virus Infection, Flavivirus Infection of Undetermined Species, Hantavirus Infection, Legionellosis, Leptospirosis, Listeriosis (neonatal and non-neonatal), Lyme Disease, Malaria, Plague (human), Psittacosis, Q Fever, Rabies (animal and human), Relapsing Fever, Spotted Fever Rickettsiosis, Trichinosis, Tularemia, Typhus Fever, Vibrio Infection (non-Cholera), Viral Hemorrhagic Fevers (including Crimean-Congo, Ebola, Lassa, and Marburg viruses), and Yellow Fever.

For cases reported with the following diseases, only those closed by the Local Health Department or CDPH are included: Anaplasmosis, Babesiosis, Campylobacteriosis, Ciguatera Fish Poisoning, Coccidioidomycosis, Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cryptosporidiosis, Cyclosporiasis, Domoic Acid Poisoning, Ehrlichiosis, Hepatitis E (acute infection), Leprosy (Hansen's Disease), Paralytic Shellfish Poisoning, Scombroid Fish Poisoning, St. Louis Encephalitis virus, West Nile virus (neuroinvasive, non-neuroinvasive, and asymptomatic), and Yersiniosis.

## TECHNICAL NOTES, CONTINUED

For cases reported with the following diseases, only those closed by CDPH or 'Pending Release/Clearance' are included: Hemolytic Uremic Syndrome, Paratyphoid Fever, Shiga toxin-producing E. coli (STEC) with HUS, and Typhoid Fever.

For cases reported with the following diseases, only those closed by the Local Health Department, closed by CDPH or 'Pending Release/Clearance' are included: Giardiasis, Salmonellosis, Shiga toxin-producing E. coli (STEC) without HUS, and Shigellosis.

For cases reported with Zika Virus Infection, only those closed by CDPH or 'Closed to Surveillance - Open to Tracking' are included.

\*\*\*\* Because some cases may be counted in more than one disease category, and because subcategories may be totaled, the sum of the individual components in a given column may not equal the total found in the Total row.

- (1) Coccidioidomycosis case counts in this report include only "Confirmed" cases and therefore will be lower than counts of combined provisional Suspect, Probable, and Confirmed cases published in the "Coccidioidomycosis in California Provisional Monthly Report."
- (2) "Hemolytic Uremic Syndrome" includes all reported cases of hemolytic uremic syndrome (HUS) both with and without evidence of Shiga toxin-producing E. coli (STEC).
- (3) "Listeriosis" includes reported cases of neonatal and non-neonatal listeriosis.

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