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GAVIN NEWSOM
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**2021 Year-end Monthly Summary Report
of Selected California Reportable Diseases**
(As of July 20, 2022)

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

An accessible Excel file version of the
[2021 Year-end Monthly Summary Report](#)
is available for download

Year-end Total and Quarterly Case Counts for Selected Diseases**: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Q1	Q2	Q3	Q4
Anaplasmosis	14	0	8	6	0
Anthrax	0	0	0	0	0
Babesiosis	6	0	2	2	2
Botulism, Foodborne	1	0	0	0	1
Botulism, Other	3	0	2	0	1
Botulism, Wound	49	16	9	15	9
Brucellosis	31	5	8	9	9
Campylobacteriosis	7,740	1,266	2,326	2,234	1,914
Chikungunya Virus Infection	7	1	1	1	4
Cholera	2	0	0	1	1
Ciguatera Fish Poisoning	0	0	0	0	0
Coccidioidomycosis(1)	8,030	2,160	1,807	2,027	2,036
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	5	8	4	4
Cryptosporidiosis	527	61	129	171	166
Cyclosporiasis	70	0	31	38	1
Cysticercosis or Taeniasis	14	4	6	2	2
Dengue Virus Infection	34	5	5	7	17
Domoic Acid Poisoning	0	0	0	0	0
Ehrlichiosis	3	0	1	1	1
Flavivirus Infection of Undetermined Species	0	0	0	0	0
Giardiasis	1,604	243	368	494	499
Hantavirus Infection	1	0	0	1	0
Hemolytic Uremic Syndrome(2)	52	2	13	25	12
Hepatitis E, acute infection	43	10	12	10	11
Legionellosis	461	97	80	126	158
Leprosy (Hansen's Disease)	3	0	2	1	0
Leptospirosis	5	0	1	1	3
Listeriosis(3)	107	13	24	38	32
Lyme Disease	106	15	32	47	12
Malaria	82	9	23	32	18
Paralytic Shellfish Poisoning	1	1	0	0	0
Paratyphoid Fever	8	1	4	2	1
Plague, human	0	0	0	0	0
Psittacosis	0	0	0	0	0
Q Fever	55	13	21	8	13
Rabies, animal	220	25	56	101	38
Rabies, human	0	0	0	0	0
Relapsing Fever	8	0	1	7	0
Salmonellosis	4,625	577	1,310	1,692	1,046
Scombroid Fish Poisoning	26	5	6	10	5
Shiga toxin-producing E. coli (STEC) without HUS	1,983	243	616	684	440
Shiga toxin-producing E. coli (STEC) with HUS	49	1	12	24	12
Shigellosis, total	2,581	358	601	798	824
-- Group A	1	1	0	0	0
-- Group B	655	124	163	164	204
-- Group C	13	0	3	6	4
-- Group D	229	37	37	83	72
-- Unspecified	1,683	196	398	545	544
Spotted Fever Rickettsiosis	8	1	2	5	0
Trichinosis	0	0	0	0	0
Tularemia	2	0	0	2	0
Typhoid Fever	55	10	21	16	8
Typhus Fever	209	20	50	73	66
Vibrio Infection (non-Cholera)	309	11	41	197	60
West Nile virus, total	149	1	9	122	17
-- West Nile virus, neuroinvasive	96	0	3	83	10
-- West Nile virus, non-neuroinvasive	34	1	5	23	5
-- West Nile virus, asymptomatic	19	0	1	16	2
Yellow Fever	0	0	0	0	0
Yersiniosis	358	65	113	107	73
Zika Virus Infection	4	0	1	3	0
Total****	29,617	5,243	7,750	9,120	7,504

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by Month of Estimated Onset Date**: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	January	February	March	April	May	June	July	August	September	October	November	December
Anaplasmosis	14	0	0	0	5	0	3	5	0	1	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	6	0	0	0	0	0	2	1	1	0	1	1	0
Botulism, Foodborne	1	0	0	0	0	0	0	0	0	0	1	0	0
Botulism, Other	3	0	0	0	0	1	1	0	0	0	0	0	1
Botulism, Wound	49	2	6	8	1	3	5	6	3	6	3	0	6
Brucellosis	31	1	1	3	4	1	3	2	2	5	5	1	3
Campylobacteriosis	7,740	366	421	479	615	740	971	888	728	618	659	692	563
Chikungunya Virus Infection	7	1	0	0	0	0	1	0	1	0	1	1	2
Cholera	2	0	0	0	0	0	0	0	1	0	1	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	8,030	768	682	710	582	601	624	713	649	665	680	703	653
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	2	2	1	3	2	3	1	3	0	1	1	2
Cryptosporidiosis	527	14	20	27	28	42	59	49	64	58	55	60	51
Cyclosporiasis	70	0	0	0	0	4	27	25	9	4	0	0	1
Cysticercosis or Taeniasis	14	0	3	1	4	1	1	2	0	0	1	1	0
Dengue Virus Infection	34	4	0	1	1	1	3	2	3	2	10	5	2
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	1	0	1	0	0	0	0	1
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	1,604	77	76	90	106	119	143	140	161	193	165	174	160
Hantavirus Infection	1	0	0	0	0	0	0	0	0	1	0	0	0
Hemolytic Uremic Syndrome(2)	52	0	0	2	6	1	6	8	7	10	4	3	5
Hepatitis E, acute infection	43	2	1	7	3	5	4	1	2	7	1	4	6
Legionellosis	461	36	31	30	30	17	33	46	43	37	46	46	66
Leprosy (Hansen's Disease)	3	0	0	0	0	1	1	0	0	1	0	0	0
Leptospirosis	5	0	0	0	1	0	0	0	0	1	2	0	1
Listeriosis(3)	107	4	4	5	10	7	7	11	11	16	15	2	15
Lyme Disease	106	7	5	3	5	7	20	23	16	8	5	4	3
Malaria	82	4	2	3	3	11	9	9	12	11	5	5	8
Paralytic Shellfish Poisoning	1	0	1	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	8	0	0	1	1	2	1	0	1	1	0	0	1
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Q Fever	55	4	3	6	11	8	2	5	2	1	3	8	2
Rabies, animal	220	8	6	11	14	20	22	23	42	36	14	17	7
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	0	1	0	5	2	0	0	0	0
Salmonellosis	4,625	187	160	230	330	415	565	603	593	496	400	369	277
Scambroid Fish Poisoning	26	2	1	2	0	1	5	7	1	2	3	0	2
Shiga toxin-producing E. coli (STEC) without HUS	1,983	71	84	88	155	207	254	291	217	176	145	171	124
Shiga toxin-producing E. coli (STEC) with HUS	49	0	0	1	5	1	6	8	6	10	4	3	5
Shigellosis, total	2,581	106	119	133	174	226	201	260	250	288	298	281	245
-- Group A	1	1	0	0	0	0	0	0	0	0	0	0	0
-- Group B	655	38	39	47	53	62	48	48	59	57	50	71	83
-- Group C	13	0	0	0	1	0	2	1	2	3	0	3	1
-- Group D	229	11	12	14	20	6	11	31	23	29	30	23	19
-- Unspecified	1,683	56	68	72	100	158	140	180	166	199	218	184	142
Spotted Fever Rickettsiosis	8	0	1	0	0	2	0	3	0	2	0	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	2	0	0	0	0	0	0	2	0	0	0	0	0
Typhoid Fever	55	1	4	5	3	12	6	4	6	6	2	4	2
Typhus Fever	209	4	6	10	8	20	22	26	22	25	18	28	20
Vibrio Infection (non-Cholera)	309	1	6	4	10	10	21	98	63	36	24	17	19
West Nile virus, total	149	0	0	1	0	1	8	28	51	43	15	2	0
-- West Nile virus, neuroinvasive	96	0	0	0	0	0	3	19	31	33	9	1	0
-- West Nile virus, non-neuroinvasive	34	0	0	1	0	1	4	8	8	7	4	1	0
-- West Nile virus, asymptomatic	19	0	0	0	0	0	1	1	12	3	2	0	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	358	19	22	24	33	40	40	32	37	38	16	29	28
Zika Virus Infection	4	0	0	0	1	0	0	0	1	2	0	0	0
Total****	29,617	1,691	1,667	1,885	2,147	2,530	3,073	3,320	3,004	2,796	2,599	2,629	2,276

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Alameda	Berkeley	Alpine	Amador	Butte	Calaveras	Colusa	Contra Costa	Del Norte	El Dorado	Fresno
Anaplasmosis	14	1	0	0	0	0	0	0	2	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	6	0	0	0	0	0	0	0	0	0	0	0
Botulism, Foodborne	1	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	49	0	0	0	0	3	0	0	0	0	0	4
Brucellosis	31	1	0	0	0	1	0	0	0	0	0	0
Campylobacteriosis	7,740	294	10	0	5	80	0	4	203	5	26	249
Chikungunya Virus Infection	7	0	0	0	0	0	0	0	0	0	0	0
Cholera	2	0	0	0	0	0	0	0	0	0	0	1
Ciguatera Fish Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Coccidioidomycosis(1)	8,030	98	1	0	3	13	1	0	134	0	1	407
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	2	0	0	0	1	0	0	0	0	0	0
Cryptosporidiosis	527	14	1	0	0	10	0	0	11	2	3	12
Cyclosporiasis	70	8	0	0	0	1	0	0	0	0	0	0
Cysticercosis or Taeniasis	14	0	0	0	0	0	0	0	0	0	0	0
Dengue Virus Infection	34	2	0	0	0	0	0	0	0	0	0	1
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	1,604	132	11	0	1	15	0	0	69	0	10	28
Hantavirus Infection	1	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	52	3	0	0	0	0	0	0	2	0	0	7
Hepatitis E, acute infection	43	2	0	0	0	0	0	0	1	0	0	2
Legionellosis	461	9	0	0	0	0	1	0	12	0	1	10
Leprosy (Hansen's Disease)	3	0	0	0	0	0	0	0	0	0	0	0
Leptospirosis	5	1	0	0	0	0	0	0	1	0	0	0
Listeriosis(3)	107	5	0	0	0	0	0	0	3	0	0	2
Lyme Disease	106	3	1	0	0	0	0	0	6	0	1	1
Malaria	82	9	1	0	0	1	0	0	3	0	0	0
Paralytic Shellfish Poisoning	1	1	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	8	0	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	0	0	0	0	0	0	0	0	0	0	0	0
Q Fever	55	1	0	0	0	0	0	0	1	0	0	7
Rabies, animal	220	4	0	0	5	4	2	0	1	0	12	1
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	0	0	0	0	0	0	0	1
Salmonellosis	4,625	163	6	1	6	37	2	1	141	1	21	111
Scombroid Fish Poisoning	26	0	0	0	0	0	0	0	0	0	0	0
Shiga toxin-producing E. coli (STEC) without HUS	1,983	96	4	0	4	3	1	1	59	0	9	61
Shiga toxin-producing E. coli (STEC) with HUS	49	3	0	0	0	0	0	0	2	0	0	7
Shigellosis, total	2,581	98	7	0	1	2	1	0	59	0	4	62
-- Group A	1	0	0	0	0	0	0	0	0	0	0	0
-- Group B	655	8	0	0	0	1	0	0	9	0	0	18
-- Group C	13	1	0	0	0	0	0	0	0	0	0	0
-- Group D	229	1	0	0	0	1	0	0	6	0	1	1
-- Unspecified	1,683	88	7	0	1	0	1	0	44	0	3	43
Spotted Fever Rickettsiosis	8	1	0	0	0	0	0	0	0	0	1	1
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	2	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	55	2	0	0	0	0	0	0	3	0	0	1
Typhus Fever	209	0	0	0	0	0	0	0	0	0	0	0
Vibrio Infection (non-Cholera)	309	5	2	0	1	1	0	0	10	0	3	4
West Nile virus, total	149	0	0	0	0	15	0	0	2	0	1	17
-- West Nile virus, neuroinvasive	96	0	0	0	0	9	0	0	2	0	1	11
-- West Nile virus, non-neuroinvasive	34	0	0	0	0	4	0	0	0	0	0	3
-- West Nile virus, asymptomatic	19	0	0	0	0	2	0	0	0	0	0	3
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	358	9	1	0	0	0	0	0	13	0	1	8
Zika Virus Infection	4	0	0	0	0	0	0	0	0	0	0	0
Total****	29,617	964	45	1	26	187	8	6	736	8	94	999

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Glenn	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Long Beach	Pasadena
Anaplasmosis	14	0	0	0	0	0	0	1	0	1	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	6	0	0	0	0	0	0	0	0	3	0	0
Botulism, Foodborne	1	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	49	0	0	0	0	0	1	0	0	6	1	0
Brucellosis	31	0	0	0	0	1	0	0	0	1	0	0
Campylobacteriosis	7,740	12	18	85	11	238	35	15	1	1,823	77	17
Chikungunya Virus Infection	7	0	0	0	0	0	0	0	0	0	0	0
Cholera	2	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)	8,030	3	2	1	3	2,819	168	0	0	1,378	52	17
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	0	1	0	0	0	0	0	0	7	0	0
Cryptosporidiosis	527	0	4	3	3	14	3	1	0	113	14	1
Cyclosporiasis	70	0	0	1	0	2	1	0	0	0	3	0
Cysticercosis or Taeniasis	14	0	0	0	0	0	0	0	0	2	0	0
Dengue Virus Infection	34	0	0	0	0	0	0	0	0	6	0	1
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	0	0	0	0	1	0	0
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	1,604	2	9	11	0	32	5	4	2	44	24	6
Hantavirus Infection	1	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	52	1	0	0	0	0	1	0	0	7	0	0
Hepatitis E, acute infection	43	0	1	1	0	0	0	0	0	5	0	0
Legionellosis	461	0	1	0	0	7	2	0	0	115	4	2
Leprosy (Hansen's Disease)	3	0	0	0	0	0	0	0	0	1	0	0
Leptospirosis	5	0	1	0	0	0	0	0	0	0	0	0
Listeriosis(3)	107	0	2	0	0	1	0	0	0	33	1	0
Lyme Disease	106	0	0	0	0	0	0	0	0	4	3	0
Malaria	82	0	0	1	0	2	0	0	0	18	2	0
Paralytic Shellfish Poisoning	1	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	8	0	0	0	0	0	0	0	0	1	0	0
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0	0	0	0	0	0
Q Fever	55	0	0	0	0	1	0	0	0	3	0	0
Rabies, animal	220	2	0	0	0	1	1	0	0	68	0	0
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	0	0	0	0	0	1	1	0
Salmonellosis	4,625	8	5	49	2	70	12	8	1	1,061	38	12
Scombroid Fish Poisoning	26	0	0	0	0	0	0	0	0	6	0	0
Shiga toxin-producing E. coli (STEC) without HUS	1,983	1	1	34	1	40	9	6	0	472	33	4
Shiga toxin-producing E. coli (STEC) with HUS	49	1	0	0	0	0	1	0	0	7	0	0
Shigellosis, total	2,581	0	0	47	0	40	3	1	0	661	47	8
-- Group A	1	0	0	0	0	0	0	0	0	0	0	0
-- Group B	655	0	0	25	0	12	0	0	0	233	17	2
-- Group C	13	0	0	0	0	0	0	0	0	7	0	0
-- Group D	229	0	0	4	0	2	0	0	0	85	13	0
-- Unspecified	1,683	0	0	18	0	26	3	1	0	336	17	6
Spotted Fever Rickettsiosis	8	0	0	0	0	0	0	0	0	2	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	2	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	55	0	0	0	0	0	0	0	0	14	0	1
Typhus Fever	209	0	0	0	0	0	0	0	0	140	26	7
Vibrio Infection (non-Cholera)	309	0	0	11	0	12	0	3	0	47	0	1
West Nile virus, total	149	2	0	0	0	10	10	0	0	17	2	0
-- West Nile virus, neuroinvasive	96	1	0	0	0	6	5	0	0	10	2	0
-- West Nile virus, non-neuroinvasive	34	1	0	0	0	2	3	0	0	4	0	0
-- West Nile virus, asymptomatic	19	0	0	0	0	2	2	0	0	3	0	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	358	1	0	5	0	8	1	1	0	84	6	2
Zika Virus Infection	4	0	0	0	0	0	0	0	0	0	0	0
Total****	29,617	32	45	249	20	3,298	252	40	4	6,145	334	79

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Madera	Marin	Mariposa	Mendocino	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange
Anaplasmosis	14	0	5	0	1	0	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	6	0	0	0	0	0	0	0	0	0	0	1
Botulism, Foodborne	1	0	0	0	0	0	0	0	0	0	0	0
Botulism, Other	3	0	0	0	0	0	0	0	0	0	0	1
Botulism, Wound	49	0	0	0	0	0	0	0	0	0	0	2
Brucellosis	31	0	0	0	0	1	0	0	1	0	0	2
Campylobacteriosis	7,740	72	65	3	42	49	3	1	73	28	35	457
Chikungunya Virus Infection	7	0	1	0	0	0	0	0	0	0	0	0
Cholera	2	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)	8,030	38	4	1	1	81	0	2	120	5	1	284
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	0	0	0	0	0	0	0	0	0	0	1
Cryptosporidiosis	527	2	4	0	1	1	0	1	5	0	2	28
Cyclosporiasis	70	0	1	0	2	0	0	0	0	0	0	8
Cysticercosis or Taeniasis	14	0	0	0	0	0	0	0	0	0	0	0
Dengue Virus Infection	34	0	0	0	0	0	0	0	0	0	0	5
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	1,604	5	22	0	15	5	1	1	16	9	7	138
Hantavirus Infection	1	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	52	0	2	0	0	1	0	0	0	0	1	5
Hepatitis E, acute infection	43	0	4	0	1	1	0	0	0	2	0	1
Legionellosis	461	1	4	0	3	2	0	0	3	1	0	59
Leprosy (Hansen's Disease)	3	0	0	0	0	0	0	0	0	0	0	0
Leptospirosis	5	0	0	0	0	0	0	0	0	0	0	1
Listeriosis(3)	107	0	0	0	3	1	0	0	2	1	0	11
Lyme Disease	106	0	5	0	8	0	0	0	2	2	0	0
Malaria	82	0	0	0	0	0	0	0	0	0	0	3
Paralytic Shellfish Poisoning	1	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	8	0	0	0	0	0	0	0	1	0	0	0
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0	0	0	0	0	0
Q Fever	55	0	1	0	0	0	0	0	0	0	0	0
Rabies, animal	220	0	6	1	0	1	0	1	0	2	2	17
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	0	0	0	1	0	0	0	0
Salmonellosis	4,625	12	31	0	13	26	0	4	31	15	18	332
Scombroid Fish Poisoning	26	0	0	0	0	0	0	0	0	0	0	2
Shiga toxin-producing E. coli (STEC) without HUS	1,983	10	27	2	8	8	0	1	18	11	7	129
Shiga toxin-producing E. coli (STEC) with HUS	49	0	2	0	0	1	0	0	0	0	1	2
Shigellosis, total	2,581	2	17	0	5	7	1	0	22	7	2	138
-- Group A	1	0	0	0	0	0	0	0	0	0	0	0
-- Group B	655	1	1	0	0	2	0	0	12	0	0	53
-- Group C	13	0	0	0	0	0	0	0	1	0	0	1
-- Group D	229	0	2	0	0	3	0	0	4	0	1	18
-- Unspecified	1,683	1	14	0	5	2	1	0	5	7	1	66
Spotted Fever Rickettsiosis	8	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	2	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	55	0	0	0	0	0	0	0	0	0	1	3
Typhus Fever	209	0	0	0	0	0	0	0	0	0	0	25
Vibrio Infection (non-Cholera)	309	0	3	0	2	0	2	0	8	3	0	25
West Nile virus, total	149	4	0	0	0	7	0	0	0	0	0	3
-- West Nile virus, neuroinvasive	96	3	0	0	0	4	0	0	0	0	0	1
-- West Nile virus, non-neuroinvasive	34	0	0	0	0	2	0	0	0	0	0	2
-- West Nile virus, asymptomatic	19	1	0	0	0	1	0	0	0	0	0	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	358	0	3	0	4	0	0	1	9	0	1	24
Zika Virus Infection	4	0	1	0	0	0	0	0	0	0	0	0
Total****	29,617	146	206	7	109	191	7	13	311	86	77	1,706

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Placer	Plumas	Riverside	Sacramento	San Benito	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo
Anaplasmosis	14	0	0	0	0	0	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0
Babesiosis	6	0	0	0	0	0	0	0	1	0	0	0
Botulism, Foodborne	1	0	0	1	0	0	0	0	0	0	0	0
Botulism, Other	3	0	0	0	1	0	0	0	0	0	0	0
Botulism, Wound	49	0	0	3	7	0	8	1	0	4	1	0
Brucellosis	31	0	0	2	1	0	3	3	0	2	0	0
Campylobacteriosis	7,740	64	3	404	276	6	223	901	252	138	43	175
Chikungunya Virus Infection	7	1	0	0	0	0	0	1	1	0	0	1
Cholera	2	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)	8,030	9	0	455	81	8	250	450	29	117	170	22
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	0	0	0	1	0	1	2	0	1	0	0
Cryptosporidiosis	527	6	0	42	22	3	5	53	30	2	2	17
Cyclosporiasis	70	0	0	8	3	0	0	3	7	0	1	2
Cysticercosis or Taeniasis	14	0	0	2	1	1	0	1	2	0	0	0
Dengue Virus Infection	34	0	0	0	3	0	0	3	0	2	0	1
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	0	0	2	0	0	0	0
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	1,604	20	1	106	17	1	54	173	179	28	9	37
Hantavirus Infection	1	0	0	1	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	52	2	0	0	6	0	0	0	1	0	2	0
Hepatitis E, acute infection	43	0	0	2	2	0	1	1	1	3	0	0
Legionellosis	461	0	0	35	12	2	25	64	5	1	9	4
Leprosy (Hansen's Disease)	3	0	0	0	1	0	0	0	0	0	0	0
Leptospirosis	5	0	0	1	0	0	0	0	0	0	0	0
Listeriosis(3)	107	1	0	1	6	1	5	8	5	1	1	2
Lyme Disease	106	0	0	4	0	0	4	10	12	0	1	0
Malaria	82	2	0	2	7	0	6	8	2	1	0	2
Paralytic Shellfish Poisoning	1	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	8	0	0	1	0	0	0	1	0	0	0	0
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0	0	0	0	0	0
Q Fever	55	0	0	16	3	0	4	0	1	4	0	0
Rabies, animal	220	5	3	6	12	0	12	4	1	5	2	4
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	0	0	0	2	0	0	0	1
Salmonellosis	4,625	58	0	270	143	17	284	590	72	80	27	79
Scombroid Fish Poisoning	26	0	0	1	0	0	0	11	2	1	2	0
Shiga toxin-producing E. coli (STEC) without HUS	1,983	16	3	89	63	4	59	160	54	43	17	44
Shiga toxin-producing E. coli (STEC) with HUS	49	2	0	0	6	0	0	0	1	0	2	0
Shigellosis, total	2,581	8	0	169	61	3	89	433	225	25	8	35
-- Group A	1	0	0	0	0	0	0	0	0	0	0	1
-- Group B	655	1	0	37	13	0	29	0	112	0	4	3
-- Group C	13	0	0	1	0	0	0	0	2	0	0	0
-- Group D	229	0	0	8	11	0	4	0	31	1	0	4
-- Unspecified	1,683	7	0	123	37	3	56	433	80	24	4	27
Spotted Fever Rickettsiosis	8	0	0	0	0	0	0	1	0	0	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	2	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	55	2	0	2	7	0	3	9	1	1	0	2
Typhus Fever	209	0	0	7	0	0	4	0	0	0	0	0
Vibrio Infection (non-Cholera)	309	4	0	12	6	1	4	51	15	3	2	9
West Nile virus, total	149	2	0	3	6	0	2	3	1	9	2	1
-- West Nile virus, neuroinvasive	96	2	0	3	6	0	1	2	1	4	1	1
-- West Nile virus, non-neuroinvasive	34	0	0	0	0	0	0	1	0	4	1	0
-- West Nile virus, asymptomatic	19	0	0	0	0	0	1	0	0	1	0	0
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	358	3	0	18	15	2	2	22	11	3	6	14
Zika Virus Infection	4	0	0	1	0	0	1	0	1	0	0	0
Total****	29,617	203	10	1,664	763	49	1,049	2,971	911	474	305	452

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama
Anaplasmosis	14	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	6	0	0	1	0	0	0	0	0	0	0	0
Botulism, Foodborne	1	0	0	0	0	0	0	0	0	0	0	0
Botulism, Other	3	0	1	0	0	0	0	0	0	0	0	0
Botulism, Wound	49	2	1	1	0	0	0	0	0	1	0	0
Brucellosis	31	1	6	0	0	0	0	0	1	0	0	0
Campylobacteriosis	7,740	125	323	50	35	0	4	70	119	113	13	11
Chikungunya Virus Infection	7	0	2	0	0	0	0	0	0	0	0	0
Cholera	2	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
Coccidioidomycosis(1)	8,030	66	65	17	0	0	0	35	20	86	1	2
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	0	1	0	0	0	0	1	1	0	0	0
Cryptosporidiosis	527	18	19	8	0	0	2	5	7	1	0	4
Cyclosporiasis	70	7	7	0	0	0	0	0	0	0	0	0
Cysticercosis or Taeniasis	14	0	4	0	0	0	0	0	0	0	0	0
Dengue Virus Infection	34	1	7	0	0	0	0	2	0	0	0	0
Domoic Acid Poisoning	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	0	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0	0	0	0	0	0
Giardiasis	1,604	55	98	33	9	0	3	24	26	23	4	2
Hantavirus Infection	1	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	52	0	1	0	2	0	0	1	2	2	0	1
Hepatitis E, acute infection	43	0	2	1	0	0	0	2	0	5	0	0
Legionellosis	461	7	14	4	1	0	0	2	5	4	0	1
Leprosy (Hansen's Disease)	3	0	1	0	0	0	0	0	0	0	0	0
Leptospirosis	5	0	0	0	0	0	0	0	0	0	0	0
Listeriosis(3)	107	0	1	0	1	0	0	3	1	1	1	0
Lyme Disease	106	3	8	12	1	0	1	1	4	1	0	0
Malaria	82	1	6	0	0	0	0	2	0	2	0	0
Paralytic Shellfish Poisoning	1	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid Fever	8	0	3	0	0	0	0	0	0	0	0	0
Plague, human	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0	0	0	0	0	0
Q Fever	55	1	2	0	0	0	0	1	1	4	0	0
Rabies, animal	220	3	5	1	0	1	0	0	4	1	0	0
Rabies, human	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	4,625	51	263	24	28	0	6	40	53	40	7	16
Scambroid Fish Poisoning	26	0	0	0	0	0	0	0	1	0	0	0
Shiga toxin-producing E. coli (STEC) without HUS	1,983	50	100	9	11	1	2	18	38	20	4	9
Shiga toxin-producing E. coli (STEC) with HUS	49	0	1	0	2	0	0	1	2	2	0	1
Shigellosis, total	2,581	29	119	11	1	0	0	24	17	24	0	1
-- Group A	1	0	0	0	0	0	0	0	0	0	0	0
-- Group B	655	3	32	3	1	0	0	11	1	5	0	0
-- Group C	13	0	0	0	0	0	0	0	0	0	0	0
-- Group D	229	1	10	3	0	0	0	2	4	3	0	0
-- Unspecified	1,683	25	77	5	0	0	0	11	12	16	0	1
Spotted Fever Rickettsiosis	8	0	1	0	0	0	0	0	0	0	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	2	0	0	1	0	0	0	0	1	0	0	0
Typhoid Fever	55	0	3	0	0	0	0	0	0	0	0	0
Typhus Fever	209	0	0	0	0	0	0	0	0	0	0	0
Vibrio Infection (non-Cholera)	309	10	19	5	1	0	1	3	4	1	0	0
West Nile virus, total	149	2	3	1	3	0	0	2	0	6	0	0
-- West Nile virus, neuroinvasive	96	2	2	1	2	0	0	1	0	3	0	0
-- West Nile virus, non-neuroinvasive	34	0	1	0	1	0	0	1	0	2	0	0
-- West Nile virus, asymptomatic	19	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	358	11	30	4	3	0	0	4	1	0	2	1
Zika Virus Infection	4	0	0	0	0	0	0	0	0	0	0	0
Total****	29,617	443	1,116	185	96	2	19	240	307	335	32	48

Please refer to Technical Notes for details regarding items noted.

Case Counts for Selected Diseases by California Local Health Jurisdiction: January-December 2021 (As of July 20, 2022*)

Disease***	STATE TOTAL	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
Anaplasmosis	14	0	0	0	0	0	0
Anthrax	0	0	0	0	0	0	0
Babesiosis	6	0	0	0	0	0	0
Botulism, Foodborne	1	0	0	0	0	0	0
Botulism, Other	3	0	0	0	0	0	0
Botulism, Wound	49	0	0	0	3	0	0
Brucellosis	31	0	0	0	0	4	0
Campylobacteriosis	7,740	0	113	10	176	36	21
Chikungunya Virus Infection	7	0	0	0	0	0	0
Cholera	2	0	0	0	0	0	0
Ciguatera Fish Poisoning	0	0	0	0	0	0	0
Coccidioidomycosis(1)	8,030	0	317	1	181	8	2
Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies	21	0	0	0	1	0	0
Cryptosporidiosis	527	0	8	0	16	3	1
Cyclosporiasis	70	0	1	0	3	1	0
Cysticercosis or Taeniasis	14	0	0	0	1	0	0
Dengue Virus Infection	34	0	0	0	0	0	0
Domoic Acid Poisoning	0	0	0	0	0	0	0
Ehrlichiosis	3	0	0	0	0	0	0
Flavivirus Infection of Undetermined Species	0	0	0	0	0	0	0
Giardiasis	1,604	2	10	2	48	12	4
Hantavirus Infection	1	0	0	0	0	0	0
Hemolytic Uremic Syndrome(2)	52	0	0	0	1	1	0
Hepatitis E, acute infection	43	0	0	0	2	0	0
Legionellosis	461	0	7	0	20	2	0
Leprosy (Hansen's Disease)	3	0	0	0	0	0	0
Leptospirosis	5	0	0	0	0	0	0
Listeriosis(3)	107	0	0	0	3	0	0
Lyme Disease	106	0	0	0	5	1	2
Malaria	82	0	0	0	1	0	0
Paralytic Shellfish Poisoning	1	0	0	0	0	0	0
Paratyphoid Fever	8	0	0	0	0	0	0
Plague, human	0	0	0	0	0	0	0
Psittacosis	0	0	0	0	0	0	0
Q Fever	55	0	0	0	1	3	0
Rabies, animal	220	0	3	1	3	10	3
Rabies, human	0	0	0	0	0	0	0
Relapsing Fever	8	0	0	0	1	0	0
Salmonellosis	4,625	3	54	7	141	20	14
Scombroid Fish Poisoning	26	0	0	0	0	0	0
Shiga toxin-producing E. coli (STEC) without HUS	1,983	0	27	4	65	10	3
Shiga toxin-producing E. coli (STEC) with HUS	49	0	0	0	1	1	0
Shigellosis, total	2,581	0	15	0	33	9	0
-- Group A	1	0	0	0	0	0	0
-- Group B	655	0	0	0	4	2	0
-- Group C	13	0	0	0	0	0	0
-- Group D	229	0	0	0	3	2	0
-- Unspecified	1,683	0	15	0	26	5	0
Spotted Fever Rickettsiosis	8	0	0	0	0	0	0
Trichinosis	0	0	0	0	0	0	0
Tularemia	2	0	0	0	0	0	0
Typhoid Fever	55	0	0	0	0	0	0
Typhus Fever	209	0	0	0	0	0	0
Vibrio Infection (non-Cholera)	309	0	3	2	7	3	0
West Nile virus, total	149	0	9	0	0	4	0
-- West Nile virus, neuroinvasive	96	0	8	0	0	1	0
-- West Nile virus, non-neuroinvasive	34	0	0	0	0	2	0
-- West Nile virus, asymptomatic	19	0	1	0	0	1	0
Yellow Fever	0	0	0	0	0	0	0
Yersiniosis	358	0	9	0	14	1	0
Zika Virus Infection	4	0	0	0	0	0	0
Total****	29,617	5	576	27	726	128	50

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 2021 as of July 20, 2022. 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, Trichinosis, Tularemia, Typhoid Fever, Typhus Fever, Vibrio Infection (non-Cholera), 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), 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, 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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