

**Orange County Health Care Agency
Communicable Disease Control Division
Surveillance & Epidemiology**

Case Counts by Year, 2015-2019

Disease	Criteria	Year				
		2015	2016	2017	2018	2019
Acute Flaccid Myelitis	C	0	**	0	0	**
Babesiosis	C, P	0	0	**	0	0
Botulism - Foodborne	C	0	0	**	0	0
Botulism - Infant	C	**	**	**	6	**
Botulism - Wound	C	**	**	**	0	0
Brucellosis	C, P	6	**	**	**	**
Campylobacteriosis	C, P	398	483	527	558	634
Chikungunya	C, P	24	**	**	0	**
Ciguatera Fish Poisoning	C, P	0	0	**	0	0
Coccidioidomycosis	C	179	113	235	209	319
Creutzfeldt-Jakob Disease	C, P	**	**	**	**	**
Cryptosporidiosis	C, P	29	25	34	26	45
Cyclosporiasis	C, P	0	**	**	6	8
Cysticercosis	C, P	**	**	**	**	0
Dengue	C, P	11	12	10	12	19
Encephalitis (All Types)	C	17	16	14	9	13
Giardiasis	C, P	124	177	125	131	163
H. influenzae, invasive (0-4 years)	C, P	**	**	7	0	6
Hantavirus	C	0	0	**	0	0
Hemolytic Uremic Syndrome	C	0	**	0	0	0
Hepatitis A	C	17	26	19	10	19
Hepatitis B, Acute	C	11	**	13	11	7
Hepatitis B, Perinatal	C, P	**	**	**	0	0
Hepatitis C, Acute	C, P	6	11	14	8	**
Hepatitis D (Delta)	C	0	**	0	0	**
Hepatitis E, Acute	C	0	**	**	0	0
Legionellosis	C	36	64	58	46	66
Leprosy (Hansen Disease)	C	**	0	0	**	0
Leptospirosis	C, P	0	0	0	0	**
Listeriosis	C, P	12	**	16	9	7
Lyme Disease	C, P	0	**	0	0	0
Malaria	C	9	9	**	**	**
Measles	C	30	0	**	**	**
Meningitis (All Types)	C, P, S	275	230	203	167	133
Meningococcal (Invasive)	C, P	**	11	**	**	**
Mumps	C, P	**	6	27	13	31
Pertussis	C, P, S	160	69	197	173	185
Pneumococcal, Invasive (0-17 years)	C	13	12	20	22	10
Q Fever	C, P	**	**	0	**	**
Relapsing Fever	C, P	0	0	0	**	0
Rocky Mountain Spotted Fever	C, P	**	0	0	0	**
RSV death (0-4 years)	C, P	0	**	0	**	0
Salmonellosis (Non-Typhoid)	C, P	488	352	372	435	436
Scombroid Fish Poisoning	C, P	**	**	**	**	**
Shiga toxin-producing E. coli w/ HUS	C, P	0	**	**	**	**
Shiga toxin-producing E. coli wo/ HUS	C, P	56	46	43	106	137
Shigellosis (All Types)	C, P	70	72	93	184	181
Spotted Fever Rickettsioses	C, P	0	0	0	0	**
Tetanus	P	**	0	0	0	0
Trichinosis	C, P	0	0	0	0	0
Typhoid Fever	C, P	**	**	7	**	7
Typhus	C, P, S	14	17	11	20	18
Varicella Hospitalization/Death	C, P	11	**	8	**	7
Vibriosis (Non-Cholera)	C, P	28	13	19	30	24
West Nile Virus (All Types)	C, P	97	36	38	12	7
Yersiniosis	C, P	13	23	15	11	35
Zika	C, P	**	30	11	**	**

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Incidence Rates by Year, 2015-19

Disease	Criteria	Year				
		2015	2016	2017	2018	2019
Acute Flaccid Myelitis	C	0	**	0	0	**
Babesiosis	C, P	0	0	**	0	0
Botulism - Foodborne	C	0	0	**	0	0
Botulism - Infant	C	**	**	**	0.19	**
Botulism - Wound	C	**	**	**	0	0
Brucellosis	C, P	0.19	**	**	**	**
Campylobacteriosis	C, P	12.62	15.24	16.53	17.46	19.84
Chikungunya	C, P	0.76	**	**	0	**
Ciguatera Fish Poisoning	C, P	0	0	**	0	0
Coccidioidomycosis	C	5.67	3.56	7.37	6.54	9.98
Creutzfeldt-Jakob Disease	C, P	**	**	**	**	**
Cryptosporidiosis	C, P	0.92	0.79	1.07	0.81	1.41
Cyclosporiasis	C, P	0	**	**	0.19	0.25
Cysticercosis	C, P	**	**	**	**	0
Dengue	C, P	0.35	0.38	0.31	0.38	0.59
Encephalitis (All Types)	C	0.54	0.5	0.44	0.28	0.41
Giardiasis	C, P	3.93	5.58	3.92	4.1	5.1
H. influenzae, invasive (0-4 years)	C, P	**	**	3.57	0	3.06
Hantavirus	C	0	0	**	0	0
Hemolytic Uremic Syndrome	C	0	**	0	0	0
Hepatitis A	C	0.54	0.82	0.6	0.31	0.59
Hepatitis B, Acute	C	0.35	**	0.41	0.34	0.22
Hepatitis B, Perinatal	C, P	**	**	**	0	0
Hepatitis C, Acute	C, P	0.19	0.35	0.44	0.25	**
Hepatitis D (Delta)	C	0	**	0	0	**
Hepatitis E, Acute	C	0	**	**	0	0
Legionellosis	C	1.14	2.02	1.82	1.44	2.07
Leprosy (Hansen Disease)	C	**	0	0	**	0
Leptospirosis	C, P	0	0	0	0	**
Listeriosis	C, P	0.38	**	0.5	0.28	0.22
Lyme Disease	C, P	0	**	0	0	0
Malaria	C	0.29	0.28	**	**	**
Measles	C	0.95	0	**	**	**
Meningitis (All Types)	C, P, S	8.72	7.26	6.37	5.23	4.16
Meningococcal (Invasive)	C, P	**	0.35	**	**	**
Mumps	C, P	**	0.19	0.85	0.41	0.97
Pertussis	C, P, S	5.07	2.18	6.18	5.41	5.79
Pneumococcal, Invasive (0-17 years)	C	1.79	1.66	2.75	3.03	1.38
Q Fever	C, P	**	**	0	**	**
Relapsing Fever	C, P	0	0	0	**	0
Rocky Mountain Spotted Fever	C, P	**	0	0	0	**
RSV death (0-4 years)	C, P	0	**	0	**	0
Salmonellosis (Non-Typhoid)	C, P	15.47	11.1	11.67	13.61	13.65
Scombroid Fish Poisoning	C, P	**	**	**	**	**
Shiga toxin-producing E. coli w/ HUS	C, P	0	**	**	**	**
Shiga toxin-producing E. coli wo/ HUS	C, P	1.78	1.45	1.35	3.32	4.29
Shigellosis (All Types)	C, P	2.22	2.27	2.92	5.76	5.66
Spotted Fever Rickettsioses	C, P	0	0	0	0	**
Tetanus	P	**	0	0	0	0
Trichinosis	C, P	0	0	0	0	0
Typhoid Fever	C, P	**	**	0.22	**	0.22
Typhus	C, P, S	0.44	0.54	0.34	0.63	0.56
Varicella Hospitalization/Death	C, P	0.35	**	0.25	**	0.22
Vibriosis (Non-Cholera)	C, P	0.89	0.41	0.6	0.94	0.75
West Nile Virus (All Types)	C, P	3.08	1.14	1.19	0.38	0.22
Yersiniosis	C, P	0.41	0.73	0.47	0.34	1.1
Zika	C, P	**	0.95	0.34	**	**

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Technical Notes:

- Case counts less than five are suppressed to protect patient confidentiality. A double asterisk (or **) indicates a suppressed value.
- Inclusion criteria for diseases (confirmed, probable, and/or suspect) vary based on disease.
- Communicable Disease Control Division groups cases using episode date, which is the earliest available of: onset, laboratory specimen collection, diagnosis, death, and report received dates.
- Except for congenital syphilis, RSV deaths (0-4 years), invasive H. influenzae (0-4 years), and invasive pneumococcal (0-17 years), incidence rates are per 100,000 OC residents. Rates are suppressed using double asterisk when case counts are less than five.
- Population data is sourced from California Department of Finance.

Data is provisional and subject to change.