



Department of Health
Heidi Hedberg, Commissioner
Robert Lawrence, MD, MA, CMO

3601 C Street, Suite 540
Anchorage, Alaska 99503

Division of Public Health
Lindsey Kato, MPH, Director

<https://health.alaska.gov/dph/Epi>
24 Hour Emergency (800) 478-0084
Local (907) 269-8000

Editors:
Joe McLaughlin, MD, MPH
Louisa Castrodale, DVM, MPH

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2023 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2023 are presented below; counts may differ from prior publications as new information becomes available. [Diseases and conditions mandated to be reported to SOE](#) are not listed in this table if no cases were reported during 2023. Case definitions for nationally notifiable conditions are available at: <https://ndc.services.cdc.gov/>. National reporting standards assign cases to the patient’s state of residence unless otherwise specified in the case definition. COVID-19, influenza, and respiratory syncytial virus (RSV) lab reports are tracked in the [Respiratory Virus Snapshot](#).

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Borealpox (formerly known as Alaskapox)	0	1	1	0	0	0	0	2
Botulism, foodborne	0	0	0	0	0	0	5	5
Campylobacteriosis	33	49	23	23	8	10	17	163
<i>Candida auris</i>	1	0	0	0	0	1	0	2
<i>Chlamydia trachomatis</i> infection	2,439	158	628	372	502	270	749	5,118
Carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB)	1	1	0	0	0	0	0	2
Carbapenem-resistant Enterobacteriales (CRE)†	4	4	0	0	1	0	0	9
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA)†	18	3	0	1	0	0	1	25¶
Carbapenemase-producing CRE (CP-CRE)†	2	0	1	0	0	2	0	5
Congenital Syphilis	8	0	1	1	0	0	0	10
Cryptosporidiosis	2	2	4	0	1	5	0	14
Cyclosporiasis	1	0	0	1	0	0	0	2
Dengue§	1	0	0	0	0	0	0	1
Giardiasis	9	14	8	4	4	20	3	62
Group A Streptococcus invasive disease	93	11	14	12	15	9	31	185
Group B Streptococcus invasive disease	27	11	5	9	1	6	2	61
Gonorrhea	1,259	37	321	96	319	75	173	2,280
<i>Haemophilus influenzae</i> invasive disease	8	2	3	1	2	1	8	25
Hepatitis A, acute	0	2	0	0	0	0	0	2
Hepatitis B, acute	2	1	0	0	0	0	0	3
Hepatitis B, chronic	63	12	11	18	4	9	16	138¶
Hepatitis B, perinatal infection	0	0	0	1	0	0	0	1
Hepatitis C, chronic	256	74	36	106	16	82	66	645¶
Hepatitis C, acute	1	2	0	0	0	0	0	3
Hepatitis C, perinatal infection	0	0	0	1	0	0	0	1
HIV/AIDS**	15	2	4	4	0	1	1	82
Legionellosis	4	1	0	1	0	0	0	6
Listeriosis	1	0	0	0	0	1	0	2
Lyme disease§	0	1	0	0	0	1	0	1
Malaria§	1	1	0	1	0	0	0	3^
Meningococcal invasive disease (<i>N. meningitidis</i>)	1	0	0	0	0	0	1	2
Mumps	1	0	0	0	0	0	0	1
Pertussis	2	1	11	12	0	0	0	26
Pneumococcal invasive disease	87	28	26	28	8	19	34	230
Prion disease	0	1	0	0	0	0	0	1
Rabies (animal)	0	0	0	0	18	0	0	18
<i>Salmonella enterica</i> serotype Typhi	0	0	1	0	0	0	0	1
Salmonellosis (excluding <i>S. Typhi</i>)	34	11	8	28	4	3	1	89
Scombroid Fish Poisoning	0	0	0	0	1	0	0	1
Shiga-toxin producing <i>E. coli</i> (STEC)	3	5	2	0	1	2	0	13
Shigellosis	2	4	2	0	0	0	0	8
Syphilis††	253	11	69	15	16	10	18	392
Tuberculosis	9	1	2	0	6	2	57	77
Tularemia (<i>F. tularensis</i>)	1	0	0	0	0	0	0	1
Varicella (chickenpox)¶¶	6	3	1	6	1	1	2	20
Vibriosis	1	1	1	1	2	0	0	6
Yersiniosis (<i>Y. enterocolitica</i>)	2	4	1	1	1	0	0	2
Population estimates§§	289,653	83,154	109,801	113,920	27,723	71,077	41,484	736,812

Notes:
 *Counts are provisional and may be updated.
 †Carbapenem-resistant infections are generally acquired in health care settings; some cases may have received care outside Alaska.
 §Pathogens not known to be naturally present in Alaska.
 ¶Annual case counts include illnesses diagnosed in Alaska in patients for whom official residence was unknown at the time of report; therefore, regions may not sum to total.
 ^Per case definition, all diagnoses are counted regardless of residency.
 **Total includes cases that were first diagnosed out-of-state and were subsequently reported to SOE due to new care in Alaska in 2023.
 ††Syphilis counts include both infectious and non-infectious cases.
 §§Maps and population counts of regions available at: <http://live.laborstats.alaska.gov/pop/index.cfm>
 ¶¶On 9/3/2023, varicella changed from being provider and laboratory reportable, to being only reportable in those settings if associated with a death.