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2024 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2024 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 2024. [Case definitions for nationally notifiable conditions](#) are available on the Centers for Disease Control and Prevention’s (CDC) website. 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*
Botulism, foodborne	0	0	0	0	0	0	2	2
Campylobacteriosis	40	24	14	22	6	10	13	129
<i>Candida auris</i>	0	0	0	0	0	0	0	1†
Carbapenem-resistant Enterobacterales (CRE) ‡	4	0	0	1	0	0	0	5
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA) ‡	9	4	2	1	0	3	0	19
Carbapenemase-producing organism (CPO) ‡	1	0	0	0	0	0	0	1
<i>Chlamydia trachomatis</i> infection	2212	149	539	318	504	235	755	4712
Chikungunya disease§	0	0	0	0	0	1	0	1
Ciguatera fish poisoning	1	0	0	0	0	0	0	1
Congenital syphilis	4	1	0	0	2	0	0	7
Cryptosporidiosis	7	3	3	2	0	3	0	18
Cyclosporiasis	3	1	0	0	0	0	0	4
Dengue§	2	0	1	0	0	0	0	3
Giardiasis	12	23	10	6	3	39	12	106¶
Gonorrhea	1234	31	167	90	257	46	279	2104
Group A Streptococcus invasive disease	141	16	26	15	13	7	16	230¶
Group B Streptococcus invasive disease	43	10	6	6	1	3	2	72¶
<i>Haemophilus influenzae</i> invasive disease	15	0	2	3	3	1	5	29
Hemolytic uremic syndrome	0	0	0	0	0	1	0	1
Hepatitis A, acute	0	0	1	0	0	0	0	1
Hepatitis B, acute	2	1	0	0	0	1	0	4
Hepatitis B, chronic	72	7	9	7	3	7	3	117¶
Hepatitis C, acute	8	2	0	0	1	2	2	15
Hepatitis C, chronic	198	55	46	95	14	48	38	510¶
Hepatitis C, perinatal infection	3	0	0	0	0	0	0	3
HIV/AIDS	24	0	4	3	0	0	1	70**
Legionellosis	5	0	1	0	0	0	0	6
Leptospirosis	1	0	0	0	0	0	0	1
Listeriosis	1	0	0	0	0	0	0	1
Lyme disease§	5	1	1	2	0	0	0	10¶
Malaria§	2	0	0	1	0	2	0	5††
Mpox	0	0	0	0	0	0	1	1
Pertussis	196	59	70	122	31	55	81	614
Pneumococcal invasive disease	93	13	30	19	9	21	29	217¶
Prion disease	0	0	0	1	0	0	0	1
Rabies (animal)	0	0	0	0	3	0	0	3
<i>Salmonella enterica</i> serotype Paratyphi	0	0	0	0	0	0	1	1
Salmonellosis (excluding <i>S. Typhi</i> and <i>S. Paratyphi</i>)	25	11	7	18	6	2	6	75
Shiga-toxin producing <i>E. coli</i> (STEC)	10	5	5	9	0	4	0	33
Shigellosis	3	1	7	0	0	0	0	11
Syphilis‡‡	254	11	113	19	31	4	13	445
Tetanus	1	0	0	0	0	0	0	1
Tuberculosis	20	2	4	4	18	1	42	91
Tularemia (<i>F. tularensis</i>)	1	0	0	0	0	0	0	1
Vibriosis	3	1	0	0	0	1	2	7
Yersiniosis (<i>Y. enterocolitica</i>)	5	9	2	3	3	0	1	23
Population estimates§§	290,761	83,349	111,072	116,313	27,602	70,613	41,437	741,147

Notes:

*Counts are provisional and may be updated.

†Cases in out-of-state residents are not attributed to a region in Alaska.

‡Carbapenem-resistant infections are generally acquired in health care settings; some cases may have received care outside Alaska.

§Pathogens are 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.

**Total includes cases that were first diagnosed out-of-state and subsequently reported to SOE because the patient received care in Alaska in 2024.

††Per case definition, all diagnoses are counted regardless of residency.

‡‡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>