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2022 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2022 are presented below; counts may differ from prior publications as new information becomes available. Diseases and conditions mandated to be reported to SOE are listed at: <https://health.alaska.gov/dph/Epi/Pages/pubs/conditions/default.aspx>. 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, versus the location of exposure to the pathogen (if known), unless otherwise specified in the case definition. Disease-specific *Bulletins* are available at <https://health.alaska.gov/dph/Epi/Pages/bulletins/default.aspx>. Influenza data are tracked seasonally; more information is available on the Influenza webpage (see: <https://health.alaska.gov/dph/Epi/id/Pages/influenza/data.aspx>). COVID-19 cases for 2022 were tracked on the Coronavirus Response Hub data dashboard at: <https://alaska-coronavirus-vaccine-outreach-alaska-dhss.hub.arcgis.com/>. Other reportable infectious diseases are not listed in this table if no cases were reported during 2022.

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Alaskapox	0	0	1	0	0	0	0	1
Botulism, foodborne	0	0	0	0	0	0	2	2
Botulism, infant	1	0	0	0	0	0	0	1
Campylobacteriosis	41	24	12	26	6	9	19	137
<i>Chlamydia trachomatis</i> infection	2,348	226	799	388	516	195	866	5,338
Carbapenem-resistant Enterobacterales (CRE)†	6	1	2	1	0	0	0	11¶
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA)†	8	0	1	2	0	0	1	12
Carbapenemase-producing CRE (CP-CRE)†	0	0	0	0	0	0	1	1
Congenital Syphilis	11	0	0	0	0	0	1	12
Cryptosporidiosis	2	2	0	0	0	3	1	8
Cyclosporiasis	1	0	1	0	0	0	0	2
Dengue§	1	0	0	0	0	0	0	1
GAS invasive disease	112	14	23	7	12	7	27	202
GBS invasive disease	36	5	14	10	0	5	4	74
Giardiasis	19	5	12	5	1	54	1	97
Gonorrhea	1,187	55	416	93	245	81	227	2,304
<i>Haemophilus influenzae</i> invasive disease	17	3	2	3	4	3	5	36
Hemolytic uremic syndrome	0	0	0	0	0	1	0	1
Hepatitis A, acute	0	2	0	0	0	0	0	2
Hepatitis B, acute	1	0	0	0	0	0	0	1
Hepatitis B, chronic*	56	12	16	18	3	3	11	119
Hepatitis C, chronic*	274	81	52	131	12	103	45	714¶
Hepatitis C, acute	0	0	0	1	0	1	0	2
Hepatitis C, perinatal infection	1	1	0	0	0	0	1	3
HIV/AIDS**	21	0	10	1	1	4	0	62
Legionellosis	2	0	0	0	0	0	0	2
Listeriosis	0	0	1	0	0	0	0	1
Lyme disease§	2	1	2	1	0	1	0	7
Malaria§	2	0	0	1	0	0	0	4^
Mumps	0	0	1	0	0	0	0	1
Pertussis	2	0	0	0	0	0	0	2
Pneumococcal invasive disease	134	17	31	17	14	11	26	250
Rabies (animal)	0	0	0	0	4	0	3	7
<i>Salmonella enterica</i> serotype Typhi	1	0	0	0	0	0	0	1
Salmonellosis	23	6	2	12	5	6	3	57
Shiga-toxin producing <i>E. coli</i> (STEC)	4	2	2	2	0	3	0	13
Shigellosis	2	3	0	1	0	1	0	7
Syphilis††	294	13	45	23	10	10	17	412
Tuberculosis	14	1	2	1	18	2	57	95
Varicella (chicken pox)	11	4	1	10	3	1	2	32
Vibriosis	4	3	0	0	0	0	0	7
Yersiniosis (<i>Y. enterocolitica</i>)	1	1	0	0	0	0	0	2
Population estimates§§	289,810	82,481	110,588	111,752	27,774	72,218	41,933	736,556

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.

§These infectious 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.

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

**Total includes cases that were first diagnosed out-of-state and subsequently reported to SOE because the patient received care in Alaska in 2022.

††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>