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2021 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2021 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 are 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 2021.

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Acute flaccid myelitis	1	0	0	0	0	0	0	1
Alaskapox	0	0	2	0	0	0	0	2
Botulism, foodborne	0	0	0	0	2	0	5	7
Campylobacteriosis	18	22	12	19	1	5	14	91
<i>Chlamydia trachomatis</i> infection	2,507	260	946	405	446	170	837	5,571
Carbapenem-resistant Enterobacterales (CRE)†	4	3	1	0	0	1	0	9
Carbapenemase-producing CRE†	0	0	0	0	1	0	0	1
Congenital Syphilis	5	0	0	0	0	0	0	5
Cryptosporidiosis	5	11	3	0	0	0	0	19
GAS invasive disease	114	7	10	15	10	9	14	179
GBS invasive disease	34	10	9	14	1	8	2	78
Giardiasis	16	14	6	2	0	23	2	63
Gonorrhea	1,119	72	294	97	225	65	105	1,977
<i>Haemophilus influenzae</i> invasive disease	7	1	0	0	1	1	5	15
Hepatitis A, acute	1	0	0	0	0	0	0	1
Hepatitis B, acute	1	0	0	1	0	0	0	2
Hepatitis B, perinatal infection	1	0	0	0	0	0	0	1
Hepatitis C, chronic*	336	100	59	139	25	93	37	792¶
Hepatitis C, acute	0	0	0	0	0	2	0	2
Hepatitis C, perinatal infection	0	1	1	1	0	0	0	3
HIV/AIDS**	18	1	4	2	0	2	2	69
Legionellosis	1	1	0	0	0	1	0	3
Listeriosis	0	0	0	1	0	0	0	1
Lyme disease§	2	1	1	1	0	1	0	6
Malaria§	1	0	0	0	0	0	0	1
Meningococcal invasive disease	0	0	1	0	0	0	0	1
Pertussis	0	0	1	0	0	0	0	1
Pneumococcal invasive disease	97	18	16	15	12	7	21	186
Rabies (animal)	0	0	0	0	7	0	10	17
Salmonellosis	8	3	0	3	2	3	1	20
Shiga-toxin producing <i>E. coli</i> (STEC)	3	4	2	0	1	1	0	11
Shigellosis	3	0	1	0	0	0	0	4
Syphilis††	353	9	15	23	10	14	18	442
Trichinosis	0	1	0	0	0	0	0	1
Tuberculosis	12	1	3	2	3	2	35	58
Varicella (chicken pox)	2	1	1	2	2	3	4	15
Vibriosis	5	1	0	0	1	0	0	7
West Nile Virus disease, neuroinvasive§	1	0	0	0	0	0	0	1
Yersiniosis (<i>Y. enterocolitica</i>)	1	1	0	0	0	0	0	2
Population estimates§§	289,697	81,492	111,306	108,805	28,261	72,494	42,268	734,323

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.

**Total includes cases that were first diagnosed out-of-state and subsequently reported to SOE because the patient received care in Alaska in 2021. Total also include one case previously diagnosed out-of-state that did not have a verified diagnosis date, and therefore was included in 2021 morbidity.

††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>