



Department of Health and Social Services

Adam Crum, MSPH, Commissioner
Anne Zink, MD, Chief Medical Officer

3601 C Street, Suite 540

Anchorage, AK 99503 <http://dhss.alaska.gov/dph/Epi>

Division of Public Health

Heidi Hedberg, Director

Local (907) 269-8000

24 Hour Emergency 1-800-478-0084

Editors:

Joe McLaughlin, MD, MPH

Louisa Castrodale, DVM, MPH

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2020 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2020 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: <http://dhss.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 <http://epibulletins.dhss.alaska.gov/>. Influenza data are tracked seasonally; more information is available on the Influenza webpage (see: <http://dhss.alaska.gov/dph/Epi/id/Pages/influenza/influenza.aspx>). COVID-19 cases are tracked on the Coronavirus Response Hub data dashboard at: <https://alaska-coronavirus-vaccine-outreach-alaska-dhss.hub.arcgis.com/app/6a5932d709ef4ab1b868188a4c757b4f>. Other reportable infectious diseases are not listed in this table if no cases were reported during 2020.

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Acute flaccid myelitis	1	0	0	0	0	0	0	1
Campylobacteriosis	41	28	9	14	4	9	9	114
<i>Chlamydia trachomatis</i> infection	2271	214	772	393	425	210	802	5087
Carbapenem-resistant Enterobacteriaceae†	2	4	0	0	1	0	0	7
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> †	1	1	1	0	0	0	0	3
Congenital Syphilis	8	0	0	0	0	0	0	8
Cryptosporidiosis	2	0	3	0	0	1	0	6
Cyclosporiasis	1	0	0	0	1	0	0	2
GAS invasive disease	71	4	6	11	6	9	18	125
GBS invasive disease	44	4	8	8	3	8	1	76
Giardiasis	9	4	5	6	0	60	3	87
Gonorrhea	1198	72	209	152	213	44	93	1981
<i>Haemophilus influenzae</i> invasive disease	3	1	1	0	3	3	3	14
Hansen's disease (leprosy)	1	0	0	0	0	0	0	1
Hepatitis A, acute	1	0	0	0	0	0	0	1
Hepatitis B, acute	2	1	0	0	0	0	1	4
Hepatitis C	382	99	78	129	24	84	41	887¶
Hepatitis C, acute	1	0	0	0	0	0	0	1
Hepatitis C, perinatal infection	2	0	0	0	0	0	0	2
HIV/AIDS**	12	3	3	5	0	1	6	68
Legionellosis	2	0	0	0	0	0	0	2
Listeriosis	0	0	2	0	0	0	0	2
Lyme disease§	0	0	0	1	1	1	0	3
Malaria§	0	0	0	0	0	0	1	1
Meningococcal invasive disease	0	0	0	0	0	0	1	1
Orthopoxvirus (Alaskapox)	0	0	1	0	0	0	0	1
Paratyphoid fever	0	0	1	0	1	0	0	2
Pertussis	2	0	3	0	11	0	0	16
Pneumococcal invasive disease	87	8	31	13	11	6	6	162
Prion disease	0	1	0	0	0	0	0	1
Rabies (animal)	0	0	0	0	15	0	1	16
Salmonellosis	21	10	7	6	4	5	1	54
Shiga-toxin producing <i>E. coli</i> (STEC)	0	2	0	2	1	3	0	8
Shigellosis	1	0	0	1	0	0	0	2
Syphilis††	296	11	9	17	5	3	12	353
Tuberculosis	16	3	0	0	4	2	33	58
Tularemia	0	1	0	0	0	0	0	1
Varicella (chicken pox)	5	0	0	6	0	7	7	25
<i>Vibrio cholerae</i> (non-O1 or O139)	0	0	0	0	1	0	0	1
Vibriosis	1	0	0	2	0	0	0	3
Yersiniosis (<i>Y. enterocolitica</i>)	0	2	1	0	0	1	0	4
Population estimates§§	288,970	80,995	110,946	107,305	27,123	71,946	41,618	728,903

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.

**Totals include cases that were first diagnosed out-of-state and subsequently reported to SOE because the patient sought care in Alaska. Totals also include two cases diagnosed prior to 2020 in Alaska that were not entered into the surveillance system upon diagnosis and were subsequently identified and entered in 2020.

††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>