



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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2019 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2019 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>). Other reportable infectious diseases are not listed in this table if no cases were reported during 2019.

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Botulism, foodborne	1	0	0	0	4	0	0	5
Brucellosis	0	0	0	0	0	1	0	1
Campylobacteriosis	46	20	11	13	4	13	21	128
<i>Chlamydia trachomatis</i> infection	2773	234	933	389	566	274	944	6255
Carbapenem-resistant Enterobacteriaceae†	2	0	1	0	0	0	0	3
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> †	1	0	1	0	1	0	0	3
Cryptosporidiosis	4	2	2	1	0	3	0	12
Dengue fever§	2	0	0	0	0	0	0	2
GAS invasive disease	83	3	16	10	5	8	17	142
GBS invasive disease	36	8	6	7	3	9	2	71
Giardiasis	16	11	13	10	3	21	2	76
Gonorrhea	1282	51	315	145	217	70	135	2215
<i>Haemophilus influenzae</i> invasive disease	11	3	4	3	5	1	8	35
Hansen's disease (leprosy)	1	0	0	0	0	0	0	1
Hepatitis A, acute	1	1	0	0	0	0	0	2
Hepatitis B, acute	2	2	0	1	0	0	0	5
Hepatitis C	482	148	97	166	11	130	41	1136¶
Hepatitis C, perinatal infection	1	0	0	1	0	0	0	2
HIV/AIDS	12	2	6	1	2	2	2	69**
Legionellosis	0	0	0	1	0	1	0	2
Listeriosis	0	0	1	0	0	0	0	1
Lyme disease§	1	1	1	0	0	0	1	4
Malaria§	3	0	0	0	0	0	0	3
Measles	0	1	0	0	0	0	0	1
Meningococcal invasive disease	0	0	1	0	0	0	1	2
Mumps	1	0	0	0	0	0	0	1
Paratyphoid fever	1	0	0	0	0	0	0	1
Pertussis	10	2	12	9	7	2	0	42
Pneumococcal invasive disease	97	18	25	18	8	11	9	186
Rabies (animal)	0	0	0	0	10	0	3	13
Rheumatic fever	0	0	0	2	0	0	0	2
Salmonellosis	27	10	13	12	6	5	2	75
Scombroid Fish Poisoning	2	1	1	0	0	0	0	4
Shiga-toxin producing <i>E. coli</i> (STEC)	2	1	0	0	2	1	0	6
Shigellosis	3	2	0	0	0	2	0	7
Syphilis††	186	9	9	24	3	7	4	242
Tetanus	0	0	0	0	0	1	0	1
Trichinosis	1	0	0	1	0	0	0	2
Tuberculosis	18	1	3	1	8	1	26	58
Typhoid fever	1	0	0	0	0	0	0	1
Varicella (chicken pox)	10	8	3	4	0	5	8	38
Vibriosis	3	1	0	0	0	1	1	6
West Nile Virus, non-neuroinvasive§	1	0	0	0	0	0	0	1
Yersiniosis (<i>Y. enterocolitica</i>)	0	0	0	0	1	0	0	1
Population estimates§§	292,487	81,048	110,067	106,782	27,484	72,571	42,295	732,734

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. For more information, see: http://www.epi.alaska.gov/bulletins/docs/b2020_14.pdf

††Syphilis counts include both infectious and non-infectious cases. For more information, see: http://www.epi.alaska.gov/bulletins/docs/b2020_02.pdf

§§Maps and population counts of regions available at: <http://live.laborstats.alaska.gov/pop/index.cfm>