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2018 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for the first time or with symptom onset in 2018 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://wwwn.cdc.gov/nndss/case-definitions.html>. National reporting standards assign cases to the patient's state of residence, not 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 2018.

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Botulism, foodborne	1	0	0	0	0	0	4	5
Brucellosis	1	0	0	0	0	0	1	2
Campylobacteriosis	44	20	16	16	3	16	17	132
<i>Chlamydia trachomatis</i> infection	2,677	238	1,010	389	626	282	960	6,182
Carbapenem-resistant Enterobacteriaceae†	2	1	0	0	0	0	0	3
Cryptosporidiosis	8	2	2	0	0	3	2	17
Cyclosporiasis	0	3	0	0	0	0	0	3
Dengue fever‡	2	1	0	0	0	2	0	5
Diphyllobothriasis	1	0	0	0	0	0	0	1
GAS invasive disease	76	3	13	8	10	8	7	125
GBS invasive disease	35	7	5	3	1	11	1	63
Giardiasis	25	4	11	4	3	23	2	72
Gonorrhea	1,375	58	271	198	166	30	156	2,254
<i>Haemophilus influenzae</i> invasive disease	10	2	2	2	8	0	13	37
Hansen's disease (leprosy)	0	0	0	0	0	0	1	1
Hepatitis A, acute	0	0	0	0	0	1	0	1
Hepatitis B, acute	1	2	1	2	0	1	0	7
Hepatitis C	523	158	129	194	26	129	43	1,238¶
Hepatitis C, perinatal infection	3	2	0	0	0	0	0	5
Hepatitis B, perinatal infection	0	0	1	0	0	0	0	1
HIV/AIDS	16	0	2	0	1	1	2	58**
Legionellosis	1	1	0	1	0	0	0	3
Listeriosis	0	0	0	1	0	0	0	1
Lyme disease§	3	4	2	1	0	1	0	11
Malaria§	5	0	0	1	0	0	0	6
Meningococcal invasive disease	2	0	0	0	0	0	1	3
Mumps	190	2	1	13	0	5	14	225
Paratyphoid fever	0	0	0	1	0	0	0	1
Pertussis	21	13	3	48	1	4	1	91
Pneumococcal invasive disease	63	13	20	8	11	12	14	141
Rabies (animal)	0	0	0	0	0	0	9	9
Rheumatic fever	1	0	0	0	2	0	0	3
Salmonellosis	25	3	6	7	3	0	2	46
Shiga-toxin producing <i>E. coli</i> (STEC)	4	6	2	2	8	3	0	25
Shigellosis	4	0	0	1	1	1	1	8
Syphilis††	85	7	2	4	0	7	8	113
Syphilis, congenital	1	0	0	0	0	0	0	1
Tuberculosis	17	1	3	0	7	2	33	63
Typhoid fever	2	0	0	0	0	0	0	2
Varicella (chicken pox)	22	4	2	3	1	0	2	34
Vibriosis	6	0	3	3	0	3	0	15
West Nile virus, neuroinvasive§	0	0	1	0	0	0	0	1
Yersiniosis (<i>Y. enterocolitica</i>)	2	2	1	1	1	1	0	8
Population estimates§§	295,365	81,058	111,214	105,743	27,704	72,876	42,279	736,239

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/b2019_06.pdf

††Syphilis counts include both infectious and non-infectious cases. For more information, see: http://www.epi.alaska.gov/bulletins/docs/b2019_10.pdf

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