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2017 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2017 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, 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 the below Table if no cases were reported during 2017.

Disease Name	Anchorage	Gulf Coast	Interior	Mat-Su	Northern	Southeast	Southwest	Total*
Botulism-foodborne	0	0	0	0	1	0	8	9
Brucellosis	0	0	0	0	0	0	1	1
Campylobacteriosis	40	30	13	11	10	12	10	126
<i>Chlamydia trachomatis</i> infection	2522	208	905	407	569	305	904	5935¶
Carbapenem-resistant Enterobacteriaceae†	3	1	1	1	0	0	0	6
Chikungunya§	0	0	2	0	0	0	0	2
Cryptosporidiosis	2	10	4	0	1	3	0	20
Cyclosporiasis	0	1	0	0	0	0	0	1
Dengue fever§	1	0	0	0	0	0	0	1
Echinococcosis	0	0	1	1	0	0	0	2
GAS invasive disease	74	9	5	6	15	5	14	128
GBS invasive disease	26	8	3	8	4	6	3	58
Giardiasis	19	9	18	5	1	35	3	90
Gonorrhea	1283	94	321	151	115	187	39	2190¶
<i>Haemophilus influenzae</i> invasive disease	6	1	1	1	3	2	9	23
Hansen disease (leprosy)	2	0	0	0	0	0	0	2
Hemolytic Uremic Syndrome	0	0	0	0	0	1	0	1
Hepatitis B, acute	3	3	0	3	0	0	0	9
Hepatitis C	509	142	110	192	16	136	54	1214¶
HIV/AIDS	15	2	1	3	1	2	5	75**
Legionellosis	2	0	2	2	0	0	0	6
Listeriosis	2	1	0	0	0	0	0	3
Lyme disease§	6	1	2	1	0	0	0	10
Malaria§	1	2	2	0	0	0	0	5
Meningococcal invasive disease	1	0	0	1	0	0	0	2
Mumps	161	1	1	3	0	0	0	166
Paralytic shellfish poisoning	0	6	0	0	0	0	0	6
Pertussis	15	18	1	13	0	12	1	60
Pneumococcal invasive disease	43	8	20	13	7	12	23	126
Prion Disease	1	0	0	0	0	0	0	1
Rabies (animal)	0	0	0	0	9	0	3	12
Rheumatic Fever	1	0	0	0	0	0	0	1
Salmonellosis	28	4	4	3	1	6	2	47
Shiga-toxin producing <i>E. coli</i> (STEC)	7	2	0	0	1	1	0	11
Shigellosis	3	1	2	0	0	0	0	6
Syphilis††	21	1	1	2	0	4	0	29
Trichinellosis	0	0	0	1	5	0	0	6
Tuberculosis	18	2	0	0	8	2	23	53
Tularemia	0	2	1	0	0	0	0	3
Typhoid Fever	0	0	0	0	0	1	0	1
Varicella (chicken pox)	14	15	4	1	2	3	6	45
Vibriosis	1	2	0	0	0	2	0	5
Yersiniosis (<i>Y. enterocolitica</i>)	1	3	1	0	0	1	0	6
Zika virus disease, non-congenital§	2	0	0	0	0	0	0	2
Population estimates§§	297,483	80,698	111,911	104,166	27,705	72,915	42,202	737,080

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/b2018_02.pdf

††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>