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2014 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2013 and 2014 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://www.epi.alaska.gov/pubs/conditions/>. Case definitions are available at: <http://www.cdc.gov/nndss/script/casedefDefault.aspx>. National reporting standards assign cases to the patient's state of residence. Disease-specific *Bulletins* are available at <http://www.epi.alaska.gov/bulletins/bltnidx.jsp>, and a 5-year summary of selected infectious diseases is available at http://www.epi.alaska.gov/id/reports/ID_Summary.pdf. Further details on influenza reporting is available at <http://www.epi.alaska.gov/id/influenza/influenza.jsp>. For all other reportable infectious diseases, they are not listed in this table if no cases were reported during these 2 years.

Disease Name	Anch/Mat-Su		Gulf Coast		Interior		Northern		Southeast		Southwest		Total*	
	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014
AIDS†	6	4	1	0	1	1	1	1	0	0	0	0	22§	17§
Botulism	0	0	0	0	0	0	0	0	0	0	6	12	6	12
Campylobacteriosis	49	51	29	13	14	10	5	2	6	7	4	8	107	91
Chicken pox (Varicella)	36	15	10	7	9	4	0	1	3	0	3	4	61	31
<i>Chlamydia trachomatis</i> infection	3119	2898	265	298	738	852	610	538	381	377	679	764	5792	5727
Carbapenem-resistant Enterobacteriaceae	¶	1	¶	0	¶	0	¶	0	¶	0	¶	0	¶	1
Cryptosporidiosis	2	0	1	0	2	3	0	0	1	1	0	0	6	4
Dengue fever**	1	3	0	0	1	1	0	0	0	0	0	0	2	4
GAS invasive disease	45	35	3	4	5	5	3	2	4	3	6	10	66	59
GBS invasive disease	19	36	6	11	7	5	1	1	8	10	2	3	43	66
Giardiasis	38	37	6	8	12	10	0	4	24	27	2	3	82	89
Gonorrhea	559	815	33	25	158	106	169	173	13	18	203	186	1135	1323
<i>Haemophilus influenzae</i> invasive disease	8	10	1	1	1	4	1	1	2	2	8	5	21	23
Hansen disease (leprosy)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Hepatitis A	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Hepatitis B	1	1	0	2	0	0	0	0	0	0	0	0	1	3
Hepatitis C	553	662	106	171	99	106	12	17	99	134	20	27	934††	1125††
HIV infection (includes AIDS cases above)	18	32	1	1	4	3	1	1	0	1	1	4	59§	76§
Legionellosis	1	2	0	0	0	0	0	0	0	0	0	0	1	2
Lyme disease**	9	7	1	1	2	0	0	0	1	0	1	0	14	8
Malaria**	4	3	0	0	0	0	0	0	0	1	0	0	4	4
Meningococcal invasive disease	0	1	0	0	0	0	0	2	0	0	0	0	0	3
Mumps	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Paralytic shellfish poisoning	0	0	0	1	0	0	0	1	5	1	0	0	5	3
Pertussis	144	33	56	5	32	111	24	5	28	6	24	5	308	165
Pneumococcal invasive disease	62	41	6	12	14	12	7	5	7	6	15	10	111	86
Prion disease	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Rabies (animal)	0	0	0	0	0	0	8	2	0	1	1	0	9	3
Rheumatic fever	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Salmonellosis	41	41	3	6	5	11	18	4	8	4	9	2	83	68
Shiga-toxin producing <i>E. coli</i> (STEC)	§§	5	§§	0	§§	0	§§	0	§§	1	§§	0	§§	6
Shigellosis	0	4	1	0	0	0	0	0	0	0	0	0	1	4
Syphilis¶¶	29	31	1	2	2	6	1	1	2	3	0	2	35	45
Tetanus	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Trichinellosis	1	2	0	0	0	0	0	0	0	0	0	0	1	2
Tuberculosis	25	22	4	0	1	4	10	17	1	2	30	17	71	62
Tularemia	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Typhoid**	1	0	0	0	0	0	5	0	0	0	0	0	6	0
Varicella	36	15	10	7	9	4	0	1	3	0	3	4	61	31
Vibriosis	1	2	0	0	0	0	0	0	2	1	0	2	3	5
Yersiniosis	2	1	0	1	1	1	0	0	1	0	0	0	4	3
Population estimates (Jan 1, 2015)*	398,612		80,576		112,197		27,437		74,280		42,499		735,601	

Notes:

*Counts are provisional and may be updated. Maps and population counts of regions available at: <http://laborstats.alaska.gov/pop/popest.htm>

†Individuals reported during this period for the first time with HIV or AIDS.

‡AIDS and HIV annual totals include cases that were first diagnosed out-of-state and subsequently reported to SOE because the patient sought care in Alaska (more information is available at: http://www.epi.alaska.gov/bulletins/docs/b2015_07.pdf)

¶This condition became reportable in December 29, 2013.

**Most infections were acquired in Alaska; however, there are some

infectious pathogens that 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; therefore statewide totals may not equal the sum by region.

§§Prior to December 29, 2013, only cases of *E. coli* O157:H7 were reportable. Beginning in 2014, all STEC are reportable.

¶¶Syphilis counts include both infectious and non-infectious cases.