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## 2016 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2015 and 2016 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 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 at: <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 these 2 years.

Disease Name	Anch/Mat-Su		Gulf Coast		Interior		Northern		Southeast		Southwest		Total*	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Botulism-foodborne	1	0	0	0	0	0	3	0	0	0	3	2	7	2
Botulism-infant	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Brucellosis	0	0	0	0	0	0	0	1	0	0	1	0	1	1
Campylobacteriosis	49	42	15	32	19	22	1	4	9	5	5	12	98	117
<i>Chlamydia trachomatis</i> infection	2890	2906	241	311	804	786	598	483	398	343	722	869	5653	5698
Carbapenem-resistant Enterobacteriaceae†	2	6	0	0	1	1	1	0	2	1	0	0	6	8
Chikungunya§	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Cryptosporidiosis	4	1	2	0	2	5	0	0	1	4	0	0	9	10
Cyclosporiasis§	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Cysticercosis	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Dengue fever§	0	4	0	0	0	0	0	0	0	1	0	0	0	5
Diphyllobothriasis	0	0	0	0	0	0	0	0	0	3	0	0	0	3
GAS invasive disease	44	83	8	4	13	18	6	8	5	5	8	22	84	140
GBS invasive disease	35	43	3	6	11	11	2	2	6	5	2	0	59	67
Giardiasis	25	32	7	11	15	15	3	6	39	19	5	3	94	86
Gonorrhea	680	835	28	32	125	249	144	101	23	43	115	194	1115	1454
<i>Haemophilus influenzae</i> invasive disease	9	8	1	2	1	0	1	0	1	2	9	6	22	18
Hansen disease (leprosy)	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hepatitis A	1	1	1	0	0	0	0	0	2	1	0	0	4	2
Hepatitis B, acute	2	4	1	2	0	0	0	0	0	1	0	0	3	7
Hepatitis C	840	719	201	171	146	115	32	24	204	170	91	36	1240¶	1193¶
HIV/AIDS	12	22	2	1	3	3	2	1	3	4	0	6	64**	76¶**
Legionellosis	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Lyme disease§	3	8	2	2	2	5	0	0	2	0	0	0	9	15
Listeriosis	0	2	0	0	0	0	0	0	1	0	0	1	1	3
Malaria§	2	0	0	0	1	2	0	0	0	0	0	0	3	2
Meningococcal invasive disease	2	1	0	1	2	0	0	2	0	1	0	2	4	7
Mumps	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Paralytic shellfish poisoning	0	2	0	1	0	0	0	0	2	1	0	0	2	4
Pertussis	32	48	18	63	57	23	0	1	1	15	2	9	110	159
Pneumococcal invasive disease	41	66	18	17	13	22	6	3	7	9	17	12	102	129
Rabies (animal)	0	0	0	0	0	0	7	11	0	0	1	0	8	11
Rheumatic fever	0	2	0	0	0	0	0	0	0	0	0	1	0	3
Salmonellosis	45	37	10	8	7	6	1	3	13	4	2	8	78	66
Shiga-toxin producing <i>E. coli</i> (STEC)	5	6	4	5	0	2	0	0	1	1	0	0	10	14
Shigellosis	1	5	0	2	2	1	0	0	1	0	1	0	5	8
Syphilis††	17	19	1	0	4	3	1	0	1	2	0	0	24	24
Tetanus	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Typhoid Fever	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Trichinellosis	0	1	0	0	0	1	0	4	0	0	0	0	0	6
Tuberculosis	18	19	2	1	6	3	7	6	0	2	35	26	68	57
Tularemia	0	0	1	0	1	0	0	0	0	0	0	1	2	1
Varicella (chicken pox)	21	8	7	1	22	4	2	2	2	3	5	1	59	19
Vibriosis	1	3	1	1	1	1	0	1	0	1	0	1	3	8
Yersiniosis ( <i>Y. enterocolitica</i> )	2	1	1	4	3	1	0	0	1	0	0	2	7	8
<b>Population estimates (2016)§§</b>	<b>401,635</b>		<b>81,126</b>		<b>113,154</b>		<b>27,827</b>		<b>73,812</b>		<b>42,274</b>		<b>739,828</b>	

**Notes:**

\*Counts are provisional and may be updated.

†Carbapenem-resistant Enterobacteriaceae (CRE) 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/b2017\\_08.pdf](http://www.epi.alaska.gov/bulletins/docs/b2017_08.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>