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## 2015 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) for 2014 and 2015 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: <http://www.cdc.gov/nndss/script/casedefDefault.aspx>. 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/> and a 5-year summary of selected infectious diseases is available at [http://dhss.alaska.gov/dph/Epi/id/Documents/reports/ID\\_Summary.pdf](http://dhss.alaska.gov/dph/Epi/id/Documents/reports/ID_Summary.pdf). 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*	
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015
Botulism-foodborne	0	1	0	0	0	0	0	3	0	0	12	3	12	7
Botulism-infant	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Campylobacteriosis	51	49	13	15	10	19	2	1	7	9	8	5	91	98
<i>Chlamydia trachomatis</i> infection	2898	2890	298	241	852	804	538	598	377	398	764	722	5727	5653
Carbapenem-resistant Enterobacteriaceae†	1	2	0	0	1	1	0	1	1	2	0	0	3	6
Chikungunya§	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Cryptosporidiosis	0	4	0	2	3	2	0	0	1	1	0	0	4	9
Cysticercosis	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Dengue fever§	3	0	0	0	1	0	0	0	0	0	0	0	4	0
GAS invasive disease	35	44	4	8	5	13	2	6	3	5	10	8	59	84
GBS invasive disease	36	35	11	3	5	11	1	2	10	6	3	2	66	59
Giardiasis	37	25	8	7	10	15	4	3	27	39	3	5	89	94
Gonorrhea	815	680	25	28	106	125	173	144	18	23	186	115	1323	1115
<i>Haemophilus influenzae</i> invasive disease	10	9	1	1	4	1	1	1	2	1	5	9	23	22
Hansen disease (leprosy)	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Hepatitis A	1	1	0	1	0	0	0	0	0	2	0	0	1	4
Hepatitis B	1	2	2	1	0	0	0	0	0	0	0	0	3	3
Hepatitis C	721	840	183	201	119	146	17	32	142	204	25	91	1260¶	1542¶
HIV/AIDS	32	12	1	2	3	3	1	2	1	3	4	0	76**	64**
Legionellosis	2	0	0	0	0	0	0	0	0	0	0	0	2	0
Lyme disease§	8	3	1	2	0	2	0	0	0	2	0	0	9	9
Listeriosis	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Malaria§	3	2	0	0	0	1	0	0	1	0	0	0	4	3
Meningococcal invasive disease	1	2	0	0	0	2	2	0	0	0	0	0	3	4
Mumps	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Paralytic shellfish poisoning	0	0	1	0	0	0	1	0	1	2	0	0	3	2
Pertussis	33	31	6	17	113	55	6	0	6	1	5	2	169	106
Pneumococcal invasive disease	40	41	10	18	12	13	5	6	6	7	10	17	82	102
Rabies (animal)	0	0	0	0	0	0	2	7	1	0	0	1	3	8
Rheumatic fever	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Salmonellosis	41	45	6	10	11	7	4	1	4	13	2	2	68	78
Shiga-toxin producing <i>E. coli</i> (STEC)	5	5	0	4	0	0	0	0	1	1	0	0	6	10
Shigellosis	4	1	0	0	0	2	0	0	0	1	0	1	4	5
Syphilis††	31	17	2	1	6	4	1	1	3	1	2	0	45	24
Tetanus	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Trichinellosis	2	0	0	0	0	0	0	0	0	0	0	0	2	0
Tuberculosis	22	18	0	2	4	6	17	7	2	0	17	35	62	68
Tularemia	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Varicella (chicken pox)	15	21	7	7	5	22	1	2	0	2	4	5	32	59
Vibriosis	2	1	0	1	0	1	0	0	1	0	2	0	5	3
Yersiniosis ( <i>Y. enterocolitica</i> )	1	2	1	1	1	3	0	0	0	1	0	0	3	7
<b>Population estimates (2015)§§</b>	<b>399,086</b>		<b>81,111</b>		<b>112,818</b>		<b>27,802</b>		<b>74,395</b>		<b>42,413</b>		<b>737,625</b>	

**Notes:**

\*Counts are provisional and may be updated.

†Carbapenem-resistant Enterobacteriaceae (CRE) infections are generally acquired in health care settings. Some Alaska patients may have received care outside the state.

§These represent 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.

\*\*HIV/AIDS 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/b2016\\_07.pdf](http://www.epi.alaska.gov/bulletins/docs/b2016_07.pdf)

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

§§Maps and population counts of regions available at:

<http://laborstats.alaska.gov/pop/popest.htm>