



Department of Health and Social Services

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2012 Annual (January–December) Infectious Disease Report

Confirmed and probable cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) from January 1 through December 31, 2012 are presented in the table below. This table includes both military and civilian reports. Cases without a known onset date were attributed to the date of specimen collection, diagnosis, or report to SOE, whichever was earliest. National reporting standards assign cases to the patient's state of residence (case definitions are available at: <http://www.cdc.gov/nndss/>).

Because not all reportable conditions are diagnosed or reported, these figures represent trends for some diseases rather than the actual incidence or burden of disease in Alaska. There were no cases of several reportable diseases; for a complete list of diseases mandated by regulation to be reported to Alaska public health authorities is available online (available at: <http://www.epi.alaska.gov/pubs/conditions/>). A supplemental report showing 5-year trend data and disease summaries for select reportable conditions is available at: http://www.epi.alaska.gov/id/reports/ID_Summary_2008-2012.pdf

Disease Name	Anch/Mat-Su		Gulf Coast		Interior		Northern		Southeast		Southwest		Total*	
	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012
AIDS†	5	8	3	0	3	3	0	0	0	0	2	0	32§	19§
Botulism	0	0	0	0	0	0	1	0	0	0	5	5	6	5
Brucellosis	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Campylobacteriosis	61	49	18	10	21	12	2	2	17	10	6	10	126	93¶
Chicken pox	11	28	8	12	10	8	0	0	6	4	0	6	35	58
<i>Chlamydia trachomatis</i> infection	2990	2848	293	334	899	687	555	620	339	362	732	631	5808	5482
Cryptosporidiosis	3	3	1	1	1	2	0	0	5	0	2	1	12	7
Echinococcosis	0	0	1	0	0	1	0	0	0	1	1	0	2	2
<i>Escherichia coli</i> O157:H7 infection	4	1	0	0	0	0	0	0	0	0	0	1	4	2
GAS invasive disease	45	28	4	4	6	7	6	4	4	4	8	7	73	54
GBS invasive disease	21	19	5	2	5	5	0	2	6	3	1	3	39	34¶
Giardiasis	46	34	10	13	9	19	2	1	30	22	3	7	101	96¶
Gonorrhea	327	248	17	21	244	118	131	145	9	9	265	190	993	731
<i>Haemophilus influenzae</i> invasive disease	10	6	3	0	1	0	0	1	2	2	10	6	26	15
Hepatitis A	0	1	3	0	0	0	0	0	1	0	0	0	4	1
Hepatitis B	0	0	3	1	0	0	0	0	0	0	0	0	3	1
Hepatitis C	424	523	119	113	96	106	18	17	112	132	28	32	947	923¶
HIV infection (includes AIDS cases above)	11	23	3	0	8	7	0	0	1	1	2	0	61§	51§
Legionellosis	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Listeriosis	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Lyme disease**	2	2	3	1	1	1	0	0	2	6	0	0	8	10
Malaria**	2	7	1	0	2	1	0	0	0	0	0	0	5	8
Meningococcal invasive disease	1	1	0	0	0	1	0	0	1	0	0	0	2	2
Mumps	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Paralytic shellfish poisoning	0	0	0	0	0	0	0	0	13	6	0	0	13	6
Pertussis	13	178	6	45	1	72	1	37	3	8	0	16	24	356
Pneumococcal invasive disease	77	57	16	6	20	21	3	10	11	13	11	33	138	140
Rabies (animal)	0	0	0	0	0	0	12	6	0	0	2	0	14	6
Salmonellosis	33	40	2	8	8	6	3	2	7	3	2	0	55	59
Shigellosis	2	5	0	0	0	1	2	1	1	0	0	0	5	7
Syphilis	13	27	0	0	2	3	0	0	0	2	1	2	16	34
Tetanus	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Trichinellosis	0	4	0	1	0	0	0	0	0	0	0	0	0	5
Tuberculosis	30	10	5	3	6	4	7	16	1	5	18	28	67	66
Tularemia	0	0	0	0	0	1	0	0	0	1	0	0	0	2
Vibriosis	2	0	0	1	0	0	0	0	0	1	0	0	2	2
Yersiniosis	0	3	0	0	0	2	0	0	0	2	0	0	0	7
Population estimates as of July 1, 2012	392,643		80,750		115,114		27,312		74,423		42,056		732,298	

Notes:

*Counts are provisional and may be updated as additional data become available.

†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 the Section of Epidemiology because the patient sought care 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.

**Most infections were acquired in Alaska; however, there are some infectious pathogens that are not known to be naturally present in Alaska.

Regions of Alaska

