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2011 Annual (January–December) Infectious Disease Report

Confirmed cases of infectious diseases reported to the Alaska Section of Epidemiology (SOE) from January 1 – December 31, 2011 are presented in the following Table. 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, see: <http://www.epi.alaska.gov/pubs/conditions/>

In many instances, case-patients had illness onset in 2011; however, cases without a known onset date are 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/osels/ph_surveillance/nmdss/casedef/case_definitions.htm

This Table includes both military and civilian reports. Because not all reportable conditions are diagnosed or reported, these figures represent trends for some diseases rather than the actual incidence or burden.

Disease Name	Southwest		Northern		Interior		Anch/Mat-Su		Gulf Coast		Southeast		Total*	
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
AIDS†	0	2	0	0	3	1	8	6	4	2	1	1	34	28
Botulism	5	5	0	1	0	0	0	0	0	0	0	0	5	6
Campylobacteriosis	19	6	0	2	15	21	59	61	17	18	4	17	114	126§
Chicken Pox	2	0	1	0	6	10	26	11	3	8	8	6	46	35
<i>Chlamydia trachomatis</i> infection	732	732	593	555	908	900	3087	2994	281	293	433	339	6034	5813
Cryptosporidiosis	1	2	0	0	0	1	3	3	0	1	4	5	8	12
Echinococcosis	0	1	0	0	0	0	0	0	1	1	0	0	1	2
<i>Escherichia coli</i> O157:H7 infection	0	0	0	0	1	0	1	4	0	0	0	0	2	4
GAS invasive disease	3	8	2	6	6	6	18	45	3	4	7	4	39	73
GBS invasive disease	3	1	3	0	2	5	32	21	1	5	5	6	46	39§
Giardiasis	3	3	2	2	8	9	48	46	9	10	28	30	98	101§
Gonorrhea	344	265	197	131	173	244	538	327	14	17	11	9	1277	993
<i>Haemophilus influenzae</i> invasive disease	12	10	5	0	3	1	6	10	1	3	1	2	28	26
Hepatitis A	0	0	0	0	0	0	4	0	0	3	0	1	4	4
Hepatitis B	0	0	0	0	0	0	1	0	4	3	0	0	5	3
Hepatitis C¶	16	31	10	17	75	96	398	416	79	117	85	113	663	961§
HIV infection (includes AIDS cases above)†	1	2	0	0	4	8	33	13	4	3	2	2	79	61
Legionellosis	0	0	0	0	0	0	2	0	0	0	0	0	2	0
Listeriosis	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Lyme Disease**	0	0	0	0	0	1	4	2	4	3	0	2	8	8
Malaria**	0	0	0	0	1	2	4	2	0	1	0	0	5	5
Meningococcal invasive disease	0	0	0	0	0	0	1	1	0	0	0	1	1	2
Mumps	0	0	0	0	0	0	1	0	0	0	0	1	1	1
Paralytic shellfish poisoning	0	0	0	0	0	0	0	0	4	0	2	13	6	13
Pertussis	1	0	0	1	4	1	26	13	8	6	5	3	44	24
Pneumococcal invasive disease	19	11	6	3	20	20	47	77	8	16	10	11	110	138
Rabies (animal)	3	2	10	11	0	0	0	0	0	1	0	0	13	14
Rheumatic fever	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Salmonellosis	4	2	3	3	10	8	49	33	12	2	2	7	80	55
Shigellosis	0	0	0	2	0	0	1	2	0	0	2	1	3	5
Syphilis	0	1	0	0	1	2	14	12	2	0	1	0	18	15
Tuberculosis	15	18	11	7	11	6	18	30	0	5	2	1	57	67
Tularemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibriosis	0	0	0	0	1	0	0	2	0	0	1	0	2	2
Yersiniosis	0	0	0	0	1	0	0	0	1	0	0	0	2	0
Population estimates as of July 1, 2011	41,613		26,965		112,170		387,894		80,022		73,526		722,190	

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.

§Annual case counts include illnesses diagnosed in patients for whom official residence was unknown; therefore statewide totals may not equal the sum by region.

¶Numbers for hepatitis C represent prevalent cases during each time period not incidence of new cases.

**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

