



Department of Health and Social Services

William J. Streur, Commissioner
Ward B. Hurlburt, MD, MPH, CMO

3601 C Street, Suite 540
Anchorage, AK 99503 <http://www.epi.Alaska.gov>

Division of Public Health

Kerre Shelton, Director

Local (907) 269-8000
24 Hour Emergency 1-800-478-0084

Editors:

Joe McLaughlin, MD, MPH
Louisa Castrodale, DVM, MPH

Bulletin No. 9 June 5, 2014

2013 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, 2013 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; a complete list of diseases mandated by regulation to be reported to Alaska public health authorities is available at: <http://www.epi.alaska.gov/pubs/conditions/>. Effective December 29, 2013, several new conditions were added to the list of diseases; summary data for those conditions will be presented in 2014.

Disease Name	Anch/Mat-Su		Gulf Coast		Interior		Northern		Southeast		Southwest		Total*	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
AIDS†	8	6	0	1	3	1	0	1	0	0	0	0	19§	22§
Botulism	0	0	0	0	0	0	0	0	0	0	5	6	5	6
Brucellosis	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Campylobacteriosis	49	49	10	29	12	14	2	5	10	6	10	4	93¶	107
Chicken pox	28	36	12	10	8	9	0	0	4	3	6	3	58	61
<i>Chlamydia trachomatis</i> infection	2848	3119	334	265	687	738	620	610	362	381	631	679	5482	5792
Cryptosporidiosis	3	2	1	1	2	2	0	0	0	1	1	0	7	6
Dengue fever**	0	1	0	0	0	1	1	0	0	0	0	0	1	2
Echinococcosis	0	0	0	0	1	0	0	0	1	0	0	0	2	0
<i>Escherichia coli</i> O157:H7 infection	1	1	0	0	0	0	0	0	0	0	1	1	2	2
GAS invasive disease	28	45	4	3	7	5	4	3	4	4	7	6	54	66
GBS invasive disease	19	19	2	6	5	7	2	1	3	8	3	2	34¶	43
Giardiasis	34	38	13	6	19	12	1	0	22	24	7	2	96¶	82
Gonorrhea	248	559	21	33	118	158	145	169	9	13	190	203	731	1135
<i>Haemophilus influenzae</i> invasive disease	6	8	0	1	0	1	1	1	2	2	6	8	15	21
Hansen disease (leprosy)	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hepatitis A	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Hepatitis B	0	1	1	0	0	0	0	0	0	0	0	0	1	1
Hepatitis C	523	560	113	109	106	101	17	13	132	100	32	21	923¶	943§
HIV infection (includes AIDS cases above)	22	18	0	1	7	4	0	1	1	0	0	1	50§	59§
Legionellosis	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Listeriosis	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Lyme disease**	2	9	1	1	1	2	0	0	6	1	0	1	10	14
Malaria**	7	4	0	0	1	0	0	0	0	0	0	0	8	4
Meningococcal invasive disease	1	0	0	0	1	0	0	0	0	0	0	0	2	0
Paralytic shellfish poisoning	0	0	0	0	0	0	0	0	6	5	0	0	6	5
Pertussis	178	144	45	56	72	32	37	24	8	28	16	24	356	308
Pneumococcal invasive disease	57	62	6	5	21	14	10	7	13	6	33	15	140	109
Rabies (animal)	0	0	0	0	0	0	6	6	0	0	0	1	6	7
Rheumatic fever	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Salmonellosis	40	41	8	3	6	5	2	18	3	8	0	9	59	84
Shigellosis	5	0	0	1	1	0	1	0	0	0	0	0	7	1
Syphilis††	27	29	0	1	3	2	0	1	2	2	2	0	34	35
Tetanus	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Trichinellosis	4	1	1	0	0	0	0	0	0	0	0	0	5	1
Tuberculosis	10	25	3	4	4	1	16	10	5	1	28	30	66	71
Tularemia	0	0	0	0	1	1	0	0	1	0	0	0	2	1
Typhoid**	0	1	0	0	0	0	0	5	0	0	0	0	0	6
Vibriosis	0	1	1	0	0	0	0	0	1	2	0	0	2	3
Yersiniosis	3	2	0	0	2	1	0	0	2	1	0	0	7	4
Population estimates as of July 1, 2013	397,208		80,507		114,175		27,547		74,382		42,580		736,399	

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 SOE because the patient sought care in Alaska (more information is available at: http://www.epi.alaska.gov/bulletins/docs/b2014_05.pdf).

¶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.

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

Regions

