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. 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
Botulism-fooodborne
Botulism-infant
Brucellosis
Campylobacteriosis
Chlamydia trachomatis infection
Carbapenem-resistant Enterobacteriaceae†
Chikungunya§
Cryptosporidiosis
Cysticercosis
Dengue fever‡
GAS invasive disease
GBS invasive disease
Gardasil
Gonorhea
Haemophilus influenzae invasive disease
Hansen disease (leprosy)
Hepatitis A
Hepatitis B
HCV
HIV/AIDS
Legionellosis
Lyme disease‡
Listeriosis
Malaria§
Meningococcal invasive disease
Mumps
Paralytic shellfish poisoning
Peritess
Pneumococcal invasive disease
Rabies (animal)
Rheumatic fever
Salmonellosis
Shiga-toxin producing E. coli (STEC)
Shigellosis
Syphilis§
Tetanus
Trichinellosis
Tuberculosis
Tularemia
Varicella (chicken pox)
Vibriosis
Yersiniosis (Y. enterocolitica)

Anch/Mat-Su Gulf Coast Interior Northern Southeast Southwest Total*
Botulism-fooodborne 0 1 0 0 0 0 0 3 0 0 12 3 12 7
Botulism-infant 0 0 1 0 0 0 0 0 0 0 0 0 0
Brucellosis 0 0 0 0 0 0 0 0 1 0 0 0 1
Campylobacteriosis 51 49 13 15 10 19 2 1 7 9 8 5 91 98
Chlamydia trachomatis 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 2 0 0 3 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 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 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 32 11 3 5 11 2 10 0 6 3 2 66 59
Gardasil 37 25 8 7 10 15 4 8 27 5 3 9 94
Gonorhea 815 680 25 28 106 125 173 144 18 23 186 115 1323 1115
Haemophilus influenzae invasive disease 10 9 1 1 4 1 1 2 1 5 9 23 22
Hansen disease (leprosy) 0 0 0 0 0 0 0 0 0 0 0 1 0
Hepatitis A 1 0 0 1 0 0 0 0 2 0 0 1 4
Hepatitis B 1 2 0 1 0 0 0 0 0 0 0 3 3
Hepatitis C 721 840 183 201 119 146 17 32 142 204 25 91 1266 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 1 0 0 0 0 0 1
Malaria§ 3 2 0 0 0 1 0 0 1 0 0 4 3
Meningococcal invasive disease 1 2 2 0 0 2 2 0 0 3 4 0 0
Mumps 0 0 0 0 0 0 0 0 0 0 0 1 0
Paralytic shellfish poisoning 0 0 1 0 0 0 1 0 1 2 0 0 3 2
Peritess 33 31 6 17 113 57 6 0 6 5 2 169 196
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 3 8
Rheumatic fever 0 0 1 0 0 0 0 0 0 0 0 1 0
Salmonellosis 41 45 10 10 11 17 4 4 13 2 2 68 78
Shiga-toxin producing E. coli (STEC) 5 5 0 4 0 0 0 0 0 0 0 0 6 10
Shigellosis 4 1 0 0 0 2 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 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 0 1 0 0 0 0 0 0 0 2 0
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 1 0 2 0 5 3
Yersiniosis (Y. enterocolitica) 1 2 1 1 1 3 0 0 0 1 0 0 3 7

Population estimates (2015)§§ 399,086 81,111 112,818 27,802 74,395 42,413 737,625

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 occurring 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.cdc.gov/nndss/ dpi/di/Documents/reports/ID_Summary.pdf.
††Syphilis cases include both infectious and non-infectious cases.
§§Maps and population counts of regions available at: http://laborstats.alaska.gov/pop/popest.htm

(Reported by the many excellent health care providers and laboratorians serving Alaskans, both in Alaska and out-of-state.)