

HISTORICAL SUMMARY OF REPORTED CASES OF NOTIFIABLE DISEASES, HAWAII, 2008 - 2017

DISEASE ¹ /YEAR	2008	2009	2010	2011	2012	2013	2014	2015			2016			2017			
	Total Resident Population ¹	1,332,213	1,346,717	1,363,817	1,378,323	1,392,772	1,408,038	1,417,710	Resident	Non-resident	All	Resident	Non-resident	All	Resident	Non-resident	All
AIDS*	101	90	82	63	87	130	34	N/A	N/A	35	N/A	N/A	19	N/A	N/A	N/A	13
AMEBIASIS *	4	10	9	12	9	4	10	11	1	12	3	0	3	7	2	9	
ANGIOSTRONGYLIASIS, CANTONENSIS ²	8	6	9	7	1	3	6	6	1	7	10 (1)	1	11 (1)	16 (3)	3	19 (3)	
ANTHRAX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARBOVIRUSES, GROUP A & GROUP B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARENAVIRUSES, LASSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOTULISM, FOODBORNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOTULISM, INFANT	2	4	1	0	0	0	0	1	0	1	2	0	2	0	1	1	
BOTULISM, WOUND	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	
BRUCELLOSIS	4	1	2	1	2	1	1	1	0	1	3	0	3	3	1	4	
CAMPYLOBACTERIOSIS	657	548	734	836	617	825	737	567	5	572	508	16	524	600	27	627	
CHIKUNGUNYA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	22	6	2	8	6	0	6	4	0	4	
CHLAMYDIA	6000	5985	6015	6003	6340	6640	6419	N/A	N/A	7109	N/A	N/A	6904	N/A	N/A	6850	
CHOLERA	0	0	0	0	0	0	0	1	0	1	2	0	2	1	0	1	
CRYPTOSPORIDIOSIS	2	1	1	1	5	1	3	22	1	23	12	0	12	4	0	4	
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DENGUE FEVER	14	8	6	11	7	10	14	212	25	237	56	9	65	22	3	25	
DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	
E. COLI 0157:H7	13	11	29	9	20	28	25	39	3	42	26	2	28	19	10	29	
FILARIASIS *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FILOVIRUSES (EBOLA, MARBURG)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH POISONING, CIGUATERA *	32	12	3	11	6	3	5	5	0	5	9	1	10	17	0	17	
FISH POISONING, SCOMBROID *	30	28	28	19	15	13	19	21	4	25	18	2	20	15	1	16	
GIARDIASIS	42	32	60	38	34	60	43	38	5	43	41	0	41	53	0	53	
GLANDERS*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GONORRHEA	621	636	759	685	815	718	1020	N/A	N/A	1252	N/A	N/A	1463	N/A	N/A	1358	
HAEMOPHILUS INFLUENZA (INVASIVE DISEASE)	22	30	22	32	22	28	23	10	2	12	31	3	34	29	3	32	
HALLUCINOGENIC FISH POISONING *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
HANSEN'S DISEASE	18	24	24	20	24	14	14	N/A	N/A	7	N/A	N/A	15	N/A	N/A	17	
HANTAVIRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEMOLYTIC UREMIC SYNDROME	1	0	0	0	0	4	2	0	0	0	3	0	3	2	2	4	
HEPATITIS A	20	13	9	8	5	16	5	7	1	8	288	8	296	8	4	12	
HEPATITIS B (ACUTE)	7	6	6	6	5	4	5	10	0	10	0	1	1	0	0	0	
HEPATITIS B, VIRUS INFECTION (CHRONIC)	442	439	491	393	424	259	142	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
HEPATITIS B, VIRUS INFECTION PERINATAL	0	0	1	1	1	0	1	3	0	3	0	0	0	2	0	2	
HEPATITIS C (ACUTE)	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	
HEPATITIS C (CHRONIC)***	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
HEPATITIS E *	0	0	0	0	0	0	0	2	0	2	0	0	0	1	0	1	
INFLUENZA (LAB CONFIRMED) *	N/A	N/A	N/A	3846	2811	5086	5382	N/A	N/A	7477	N/A	N/A	5129	N/A	N/A	12417	
LEGIONELLOSIS	8	1	2	5	4	9	14	7	1	8	9	5	14	8	6	14	
LEPTOSPIROSIS	27	16	7	5	11	19	23	23	0	23	33	0	33	24	1	25	
LISTERIOSIS	3	4	8	12	6	4	5	6	0	6	6	0	6	4	0	4	
MALARIA	3	1	4	7	4	1	5	1	0	1	0	1	1	3	1	4	
MEASLES	4	0	4	0	0	0	15	0	0	0	1	0	1	0	0	0	
MELIOIDOSIS (BURKHOLDERIA PSEUDOMALLEI) *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MENINGITIS, MENINGOCOCCAL	5	4	1	4	2	1	2	3	2	5	1	1	2	1	0	1	
MIDDLE EAST RESPIRATORY SYNDROME (MERS)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	
MUMPS	4	5	5	3	1	0	1	1	3	4	6	4	10	832	11	843	
NOROVIRUS *	370	323	331	278	133	313	242	43	3	46	83	12	95	240	5	245	
PELVIC INFLAMMATORY DISEASE [PID]*	6	49	50	11	9	8	7	N/A	N/A	1	N/A	N/A	4	N/A	N/A	0	
PERTUSSIS	20	46	66	59	71	50	38	44	2	46	55	1	56	38	1	39	
PLAGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PNEUMOCOCCAL DISEASE	101	110	117	99	79	82	89	61	6	67	89	12	101	98	11	109	
POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PSITTACOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Q FEVER, ACUTE	3	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	
Q FEVER, CHRONIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RABIES, HUMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RUBELLA (GERMAN MEASLES)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
RUBELLA, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SALMONELLOSIS	269	338	331	332	341	349	323	277	22	299	306	21	327	282	17	299	
SEVERE ACUTE RESPIRATORY SYNDROME (SARS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SHIGELLOSIS	46	49	50	48	27	42	29	78	4	82	39	2	41	38	3	41	
SMALLPOX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STREPTOCOCCAL INFECTIONS **	142	172	97	165	78	30	55	278	4	282	1012	25	1037	416	12	428	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT	2	3	1	2	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	
STREPTOCOCCAL TOXIC SHOCK SYNDROME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPHILIS, PRIMARY & SECONDARY	29	33	35	14	23	46	68	N/A	N/A	92	N/A	N/A	112	N/A	N/A	94	
SYPHILIS, EARLY LATENT	9	15	15	5	9	22	25	N/A	N/A	57	N/A	N/A	89	N/A	N/A	58	
SYPHILIS, LATENT & LATE LATENT	31	39	23	13	11	19	38	N/A	N/A	14	N/A	N/A	37	N/A	N/A	10	
TETANUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOXOPLASMOSES *	2	5	2	1	2	3	5	3	0	3	18	0	18	20	0	20	
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TUBERCULOSIS	124	118	115	123	119	115	136	N/A	N/A	127	N/A	N/A	119	N/A	N/A	117	
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TYPHOID FEVER	7	5	10	1	5	4	4	4	1	5	3	0	3	7	1	1	
TYPHUS, MURINE *	10	11	10	14	9	4	7	8	0	8	5	1	6	7	1	8	
VARICELLA ZOSTER (CHICKENPOX)	71	40	37	44	45	30	52	49	7	56	35	7	42	61	9	70	
VIBRIOSIS	30	31	23	33	35	33	37	36	6	42	22	1	23	54	7	61	
VANCOMYCIN-INTERMEDIATE RESISTANT STAPHYLOCOCCUS AUREUS (VISA)	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
VANCOMYCIN-RESISTANT STAPHYLOCOCCUS AUREUS (VISA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEST NILE VIRUS FEVER	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
YERSINIOSIS *	3	6	7	4	7	5	7	4	0	4	17	0	17	8	0	8	
ZIKA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	N/R	5	1	6	15	7	22	4	7	11	

1. Population Estimates Program, Population Division, U.S. Bureau of the Census, Washington, DC 20233; 2. As of 2016, because of improved confirmatory testing, confirmed cases will be reported separately from probable cases. Probable cases are included in parentheses to maintain consistency with previous years counts.
3. For ENTEROCOCCUS, VANCOMYCIN RESISTANT and STAPHYLOCOCCUS (MRSA), Please refer to the State of Hawaii Antibiogram website (

HISTORICAL SUMMARY OF REPORTED CASES OF NOTIFIABLE DISEASES, PER 100,000 POPULATION, HAWAII, 2008 - 2017

DISEASE ³ /YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total Resident Population¹	1,332,213	1,346,717	1,363,817	1,378,323	1,392,772	1,408,038	1,417,710	1,426,320	1,428,683	1,427,538
AIDS*	7.58	6.68	6.01	4.57	9.23	2.40	2.45	1.33	0.91	
AMEBIASIS *	0.30	0.74	0.66	0.87	0.65	0.28	0.71	0.84	0.21	0.63
ANGIOSTRONGYLIASIS, CANTONENSIS ²	0.60	0.45	0.66	0.51	0.07	0.21	0.42	0.49	0.84	1.54
ANTHRAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ARBOVIRUSES, GROUP A & GROUP B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ARENAVIRUSES, LASSA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOTULISM, FOODBORNE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOTULISM, INFANT	0.15	0.30	0.07	0.00	0.00	0.00	0.00	0.00	0.07	0.14
BOTULISM, WOUND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BRUCELLA	0.30	0.07	0.15	0.07	0.14	0.07	0.07	0.07	0.21	0.28
CAMPYLOBACTERIOSIS	49.32	40.69	53.82	60.65	44.30	58.59	51.99	40.10	36.68	43.92
CHIKUNGUNYA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	1.55	0.56	0.42	0.28
CHLAMYDIA	450.38	444.41	441.04	435.53	455.21	471.58	452.77	498.42	483.24	479.85
CHOLERA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.14	0.07
CRYPTOSPORIDIOSIS	0.15	0.07	0.07	0.07	0.36	0.07	0.21	1.61	0.84	0.28
CYCLOSPORIASIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DENGUE FEVER	1.05	0.59	0.44	0.80	0.50	0.71	0.99	16.62	4.55	1.75
DIPHTHERIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
E. COLI O157:H7	0.98	0.82	2.13	0.65	1.44	1.99	1.76	2.94	1.96	2.03
FILARIASIS *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FILOVIRUSES (EBOLA, MARBURG)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH POISONING, CIGUATERA *	2.40	0.89	0.22	0.80	0.43	0.21	0.35	0.35	0.70	1.19
FISH POISONING, SCOMBROID *	2.25	2.08	2.05	1.38	1.08	0.92	1.34	1.75	1.40	1.12
GIARDIASIS	3.15	2.38	4.40	2.76	2.44	4.26	3.03	3.01	2.87	3.71
GLANDERS*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GONORRHEA	46.61	47.23	55.65	49.70	58.52	50.99	71.95	87.78	102.40	95.13
HAEMOPHILUS INFLUENZA (INVASIVE DISEASE)	1.65	2.23	1.61	2.32	1.58	1.99	1.62	0.84	2.38	2.24
HALLUCINOGENIC FISH POISONING *	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
HANSEN'S DISEASE	1.35	1.78	1.76	1.45	1.72	0.99	0.99	0.49	1.05	1.19
HANTAVIRUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEMOLYTIC UREMIC SYNDROME	0.08	0.00	0.00	0.00	0.00	0.28	0.14	0.00	0.21	0.28
HEPATITIS A	1.50	0.97	0.66	0.58	0.36	1.14	0.35	0.56	20.72	0.84
HEPATITIS B (ACUTE)	0.53	0.45	0.44	0.44	0.36	0.28	0.35	0.70	0.07	0.00
HEPATITIS B, VIRUS INFECTION (CHRONIC)	33.18	32.60	36.00	28.51	30.44	18.39	10.02	N/A	N/A	N/A
HEPATITIS B, VIRUS INFECTION PERINATAL	0.00	0.00	0.07	0.07	0.07	0.00	0.07	0.21	0.00	0.14
HEPATITIS C (ACUTE)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	N/A
HEPATITIS C (CHRONIC)***	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPATITIS E *	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.07
INFLUENZA (LAB CONFIRMED) *	N/A	N/A	N/A	279.03	201.83	361.21	379.63	524.22	359.00	869.82
LEGIONELLOSIS	0.60	0.07	0.15	0.36	0.29	0.64	0.99	0.56	0.98	0.98
LEPTOSPIROSIS	2.03	1.19	0.51	0.36	0.79	1.35	1.62	1.61	2.31	1.75
LISTERIOSIS	0.23	0.30	0.59	0.87	0.43	0.28	0.35	0.42	0.42	0.28
MALARIA	0.23	0.07	0.29	0.51	0.29	0.07	0.35	0.07	0.07	0.28
MEASLES	0.30	0.00	0.29	0.00	0.00	0.00	1.06	0.00	0.07	0.00
MELIOIDOSIS (BURKHOLDERIA PSEUDOMALLEI) *	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MENINGITIS, MENINGOCOCCAL	0.38	0.30	0.07	0.29	0.14	0.07	0.14	0.35	0.14	0.07
MIDDLE EAST RESPIRATORY SYNDROME (MERS)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
MUMPS	0.30	0.37	0.37	0.22	0.07	0.00	0.07	0.28	0.70	59.05
NOROVIRUS *	27.77	23.98	24.27	20.17	9.55	22.23	17.07	3.23	6.65	17.16
PELVIC INFLAMMATORY DISEASE (PID)*	0.45	3.64	3.67	0.80	0.65	0.57	0.49	0.07	0.28	0.00
PERTUSSIS	1.50	3.42	4.84	4.28	5.10	3.55	3.23	3.55	3.92	2.73
PLAGUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PNEUMOCOCCAL DISEASE	7.58	8.17	8.58	7.18	5.67	5.82	6.28	4.70	7.07	7.64
POLIOMYELITIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PSITTACOSIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Q FEVER, ACUTE	0.23	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.07
Q FEVER, CHRONIC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RABIES, HUMAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RUBELLA (GERMAN MEASLES)	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
RUBELLA, CONGENITAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SALMONELLOSIS	20.19	25.10	24.27	24.09	24.48	24.79	22.78	20.96	22.89	20.95
SEVERE ACUTE RESPIRATORY SYNDROME (SARS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHIGELLOSIS	3.45	3.64	3.67	3.48	1.94	2.98	2.05	5.75	2.87	2.87
SMALLPOX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STREPTOCOCCAL INFECTIONS **	10.66	12.77	7.11	11.97	5.60	2.13	3.88	19.77	72.58	29.98
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT	0.15	0.22	0.07	0.15	N/R	N/R	N/R	N/R	N/R	N/R
STREPTOCOCCAL TOXIC SHOCK SYNDROME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SYPHILIS, PRIMARY & SECONDARY	2.18	2.45	2.57	1.02	1.65	3.27	4.80	6.45	7.84	6.58
SYPHILIS, EARLY LATENT	0.68	1.11	1.10	0.36	0.65	1.56	1.76	4.00	6.23	4.06
SYPHILIS, LATENT & LATE LATENT	2.33	2.90	1.69	0.84	0.79	1.35	2.68	0.98	2.59	0.70
TETANUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOXOPLASMOSIS *	0.15	0.37	0.15	0.07	0.14	0.21	0.35	0.21	1.26	1.40
TRICHINOSIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUBERCULOSIS	9.31	8.76	8.43	8.92	8.54	8.17	9.59	8.90	8.33	8.20
TULAREMIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TYPHOID FEVER	0.53	0.37	0.07	0.07	0.36	0.28	0.28	0.35	0.21	0.07
TYPHUS, MURINE *	0.75	0.82	0.73	1.02	0.65	0.28	0.49	0.56	0.42	0.56
VARICELLA ZOSTER (CHICKENPOX)	5.33	2.97	2.71	3.19	3.23	2.13	3.67	3.93	2.94	4.90
VIBRIOSIS	2.25	2.30	1.69	2.39	2.51	2.34	2.61	2.94	1.61	4.27
VANCOMYCIN-INTERMEDIATE RESISTANT STAPHYLOCOCCUS AUREUS (VISA)	0.23	0.07	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
VANCOMYCIN-RESISTANT STAPHYLOCOCCUS AUREUS (VISA)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEST NILE VIRUS FEVER	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YELLOW FEVER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YERSINIOSIS *	0.23	0.45	0.51	0.29	0.50	0.36	0.49	0.28	1.19	0.56
ZIKA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0.42	1.54	0.77

1. Population Estimates Program, Population Division, U.S. Bureau of the Census, Washington, DC 20233; 2. As of 2016, because of improved confirmatory testing, confirmed cases will be reported separately from probable cases. Probable cases are included in parentheses to maintain consistency with previous years counts.

3. For ENTEROCOCCUS, VANCOMYCIN RESISTANT and STAPHYLOCOCCUS (MRSA), Please refer to the State of Hawaii AntibioGram website (<http://health.hawaii.gov/dood/resources/reports/state-antibiogram/>). The antibiogram data is available for years from 2012 to 2015.

* Not nationally notifiable but state reportable diseases; ** Non-pharyngitis / Group A invasive beta-hemolytic strep and Toxic Shock Syndrome (strep) due to strep; *** Newly identified Hepatitis C cases for report year (not previously reported); N/R stands for "not reportable" and N/A stands for "not available."