

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

DISEASE <sup>2</sup> /YEAR	2008	2009	2010	2011	2012	2013	2014	2015			2016			2017		
	933,680	943,177	956,193	966,514	976,299	985,734	989,438	993,716			992,761			988,650		
Total Resident Population <sup>1</sup>								Resident	Non-resident	All	Resident	Non-resident	All	Resident	Non-resident	All
AIDS*	69	70	63	49	69	46	23	N/A	N/A	27	N/A	N/A	14	N/A	N/A	9
AMEBIASIS *	2	8	6	5	5	1	3	5	0	5	2	0	2	0	0	0
ANGIOSTRONGYLIASIS, CANTONENSIS <sup>2</sup>	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
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	1	3	0	0	0	0	0	0	0	0	1	0	1	0	1	1
BOTULISM, WOUND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRUCELLA	2	1	0	1	0	0	0	0	0	0	2	0	2	0	1	1
CAMPYLOBACTERIOSIS	369	290	483	529	343	521	475	330	5	335	310	12	322	341	7	348
CHIKUNGUNYA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	20	4	2	6	5	4	5	4	0	4
CHLAMYDIA	4767	4711	4827	4794	5096	5195	4994	N/A	N/A	5503	N/A	N/A	5406	N/A	N/A	5389
CHOLERA	0	0	0	0	0	0	0	1	0	1	2	0	2	1	0	1
CRYPTOSPORIDIOSIS	2	1	1	2	1	1	2	21	1	22	10	0	2	3	10	3
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENGUE FEVER	10	4	2	7	4	6	9	14	4	18	9	4	13	15	3	18
DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
E. COLI 0157:H7	9	9	25	6	10	21	20	35	1	36	35	1	36	18	6	24
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 *	13	6	1	5	4	0	1	1	0	1	3	0	3	6	0	6
FISH POISONING, SCOMBROID *	18	23	15	9	11	15	11	15	2	17	14	0	14	13	4	13
GIARDIASIS	23	18	43	25	17	32	25	22	2	24	25	0	25	20	0	20
GLANDERS*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GONORRHEA	549	559	689	626	728	635	924	N/A	N/A	1118	N/A	N/A	1262	N/A	N/A	1120
HAEMOPHILUS INFLUENZA (INVASIVE DISEASE)	17	20	16	18	17	21	13	5	0	5	26	1	27	25	1	26
HALLUCINOGENIC FISH POISONING *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HANSEN'S DISEASE	8	15	12	9	13	7	7	N/A	N/A	5	N/A	N/A	11	N/A	N/A	9
HANTAVIRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMOLYTIC UREMIC SYNDROME	0	0	0	0	0	3	2	0	0	0	2	0	2	2	2	4
HEPATITIS A	17	8	6	4	5	4	2	5	1	6	274	7	281	5	2	7
HEPATITIS B (ACUTE)	6	5	5	4	3	2	5	8	0	8	0	0	0	0	0	0
HEPATITIS B, VIRUS INFECTION (CHRONIC)	334	350	394	310	344	229	128	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	0	0	1	2	0	2	0	0	0	1	0	1
HEPATITIS C (ACUTE)	0	0	0	0	0	0	0	N/A	N/A	N/A	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	1	0	1	0	0	0	0	0	0
INFLUENZA (LAB CONFIRMED) *	N/A	N/A	N/A	1163	1302	1796	529	N/A	N/A	834	N/A	N/A	460	N/A	N/A	820
LEGIONELLOSIS	5	1	1	4	3	3	10	6	3	9	8	1	9	7	2	9
LEPTOSPIROSIS	6	5	3	3	2	8	6	4	0	4	7	0	7	8	1	9
LISTERIOSIS	3	3	7	7	6	2	4	4	0	4	4	0	4	4	0	4
MALARIA	3	1	0	4	3	1	3	0	0	0	0	0	0	0	1	1
MEASLES	4	0	0	0	0	0	4	0	0	0	1	0	1	0	0	0
MELIOIDIOSIS (BURKHOLDERIA PSEUDOMALLEI) *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENINGITIS, MENINGOCOCCAL	4	3	1	3	2	1	2	0	2	2	1	0	1	0	1	1
MIDDLE EAST RESPIRATORY SYNDROME (MERS)	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0	0	0	0	0	0	0
MUMPS	4	4	5	0	1	0	1	1	1	2	0	4	4	662	5	667
NOROVIRUS *	333	146	254	235	64	296	148	5	0	5	65	0	65	167	1	168
PELVIC INFLAMMATORY DISEASE (PID)*	6	41	46	11	9	7	6	N/A	N/A	0	N/A	N/A	3	N/A	N/A	0
PERTUSSIS	15	25	36	13	28	22	18	24	0	24	41	0	41	12	1	13
PLAGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PNEUMOCOCCAL DISEASE	74	74	89	67	47	51	53	33	1	34	58	5	63	61	3	64
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	0	0	0
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	181	206	237	255	278	260	207	159	10	169	187	10	197	184	10	194
SEVERE ACUTE RESPIRATORY SYNDROME (SARS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHIGELLOSIS	28	38	34	25	13	23	25	63	2	65	24	0	24	25	1	26
SMALLPOX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL INFECTIONS **	97	123	71	122	67	17	44	229	4	233	486	10	496	310	7	317
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT	2	2	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	27	28	34	11	21	34	57	N/A	N/A	82	N/A	N/A	83	N/A	N/A	83
SYPHILIS, EARLY LATENT	8	13	13	5	8	18	22	N/A	N/A	49	N/A	N/A	64	N/A	N/A	46
SYPHILIS, LATE & LATE LATENT	21	23	16	10	8	19	35	N/A	N/A	11	N/A	N/A	26	N/A	N/A	8
TETANUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOXOPLASMOSES *	2	3	1	1	1	3	4	3	0	3	5	0	5	6	0	6
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS	101	84	82	103	99	82	111	N/A	N/A	97	N/A	N/A	91	N/A	N/A	90
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHOID FEVER	3	3	1	1	2	3	4	3	1	4	2	0	2	0	1	1
TYPHUS, MURINE *	0	3	1	1	3	0	2	3	0	3	1	1	2	3	0	3
VARICELLA ZOSTER (CHICKENPOX)	53	26	15	35	41	24	37	27	7	34	20	5	25	36	9	45
VIBRIOSIS	20	23	16	27	27	19	21	24	3	27	13	0	13	37	4	41
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	0	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	5	4	4	3	3	5	3	0	3	13	0	13	6	0	6
ZIKA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	N/R	5	1	0	9	7	16	4	6	10

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/docd/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."

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

DISEASE <sup>1</sup> /YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Total Resident Population<sup>1</sup></b>	<b>933,680</b>	<b>943,177</b>	<b>956,193</b>	<b>966,514</b>	<b>976,299</b>	<b>985,734</b>	<b>989,438</b>	<b>993,716</b>	<b>992,761</b>	<b>988,650</b>
AIDS*	7.39	7.42	6.59	5.07	4.67	4.67	2.32	2.72	1.41	0.91
AMEBIASIS *	0.21	0.85	0.63	0.52	0.51	0.10	0.30	0.50	0.20	0.00
ANGIOSTRONGYLIASIS, CANTONENSIS <sup>2</sup>	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10
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	0.11	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10
BOTULISM, WOUND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
BRUCELLOSIS	0.21	0.11	0.00	0.10	0.00	0.00	0.00	0.00	0.20	0.10
CAMPYLOBACTERIOSIS	39.52	30.75	50.51	54.73	35.13	52.85	48.01	33.71	32.43	35.20
CHIKUNGUNYA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	2.02	0.60	0.50	0.40
CHLAMYDIA	510.56	499.48	504.81	496.01	521.97	526.00	504.73	553.78	544.54	545.09
CHOLERA	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.20	0.10
CRYPTOSPORIDIOSIS	0.21	0.11	0.10	0.10	0.41	0.10	0.20	2.21	1.01	0.30
CYCLOSPORIASIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DENGUE FEVER	1.07	0.42	0.21	0.72	0.41	0.61	0.91	1.81	1.31	1.82
DIPHTHERIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
E. COLI 0157:H7	0.96	0.95	2.61	0.62	1.02	2.13	2.02	3.62	3.63	2.43
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 *	1.39	0.64	0.10	0.52	0.41	0.00	0.10	0.10	0.30	0.61
FISH POISONING, SCOMBROID *	1.93	2.44	1.57	1.14	0.92	1.12	0.91	1.71	1.41	1.31
GIARDIASIS	2.46	1.91	4.50	3.25	1.74	3.25	2.53	2.42	2.52	2.02
GLANDERS*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GONORRHEA	58.80	59.27	72.06	64.77	74.57	64.42	93.39	112.51	127.12	113.29
HAEMOPHILUS INFLUENZA (INVASIVE DISEASE)	1.82	2.12	1.67	1.86	1.74	2.13	1.31	0.50	2.72	2.63
HALLUCINOGENIC FISH POISONING *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HANSEN'S DISEASE	0.86	1.59	1.25	0.93	1.33	0.71	0.71	0.50	1.11	0.91
HANTAVIRUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEMOLYTIC UREMIC SYNDROME	0.00	0.00	0.00	0.00	0.00	0.30	0.20	0.00	0.20	0.40
HEPATITIS A	1.82	0.85	0.63	0.41	0.41	0.51	0.20	0.60	28.30	0.71
HEPATITIS B (ACUTE)	0.64	0.53	0.52	0.41	0.31	0.20	0.51	0.81	0.00	0.00
HEPATITIS B, VIRUS INFECTION (CHRONIC)	35.77	37.11	41.21	32.07	35.24	23.23	12.94	N/A	N/A	N/A
HEPATITIS B, VIRUS INFECTION PERINATAL	0.00	0.00	0.10	0.10	0.00	0.00	0.10	0.20	0.00	0.10
HEPATITIS C (ACUTE)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
HEPATITIS E *	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
INFLUENZA (LAB CONFIRMED) *	N/A	N/A	N/A	120.33	133.36	182.20	53.46	83.93	46.34	82.94
LEGIONELLOSIS	0.54	0.11	0.10	0.41	0.31	0.30	1.01	0.60	0.91	0.91
LEPTOSPIROSIS	0.64	0.53	0.31	0.31	0.20	0.81	0.61	0.40	0.71	0.91
LISTERIOSIS	0.32	0.32	0.73	0.72	0.61	0.20	0.40	0.40	0.40	0.40
MALARIA	0.32	0.11	0.00	0.41	0.31	0.10	0.30	0.00	0.00	0.10
MEASLES	0.43	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.10	0.00
MELIOIDOSIS (BURKHOLDERIA PSEUDOMALLEI) *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MENINGITIS, MENINGOCOCCAL	0.43	0.32	0.10	0.31	0.20	0.10	0.20	0.20	0.10	0.10
MIDDLE EAST RESPIRATORY SYNDROME (MERS)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0.00	0.00	0.00
MUMPS	0.43	0.42	0.52	0.00	0.10	0.00	0.10	0.20	0.40	67.47
NOROVIRUS *	35.67	15.48	26.56	24.31	6.56	30.03	14.96	0.50	6.55	16.99
PELVIC INFLAMMATORY DISEASE [PID]*	0.64	4.35	4.81	1.14	0.92	0.71	0.61	0.00	0.30	0.00
PERTUSSIS	1.61	2.65	3.76	1.35	2.87	2.23	1.82	2.42	4.13	1.31
PLAGUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PNEUMOCOCCAL DISEASE	7.93	7.85	9.31	6.93	4.81	5.17	5.36	3.42	6.35	6.47
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	0.32	0.11	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
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	0.20	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	19.39	21.84	24.79	26.38	28.47	26.38	20.92	17.01	19.84	19.62
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	3.00	4.03	3.56	2.48	1.33	2.33	2.53	6.54	2.42	2.63
SMALLPOX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STREPTOCOCCAL INFECTIONS **	10.39	13.04	7.43	12.62	6.86	1.72	4.45	23.45	49.96	32.06
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT	0.21	0.21	0.10	0.21	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	2.89	2.97	3.56	1.14	2.15	3.45	5.76	8.25	8.36	8.40
SYPHILIS, EARLY LATENT	0.86	1.38	0.82	1.38	0.82	1.83	2.22	4.93	6.45	4.65
SYPHILIS, LATENT & LATE LATENT	2.25	2.44	1.67	1.03	0.82	1.93	3.54	1.11	2.62	0.81
TETANUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOXOPLASMOSIS *	0.21	0.32	0.10	0.10	0.10	0.30	0.40	0.30	0.50	0.61
TRICHINOSIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUBERCULOSIS	10.82	8.91	8.58	10.66	10.14	8.32	11.22	9.76	9.17	9.10
TULAREMIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TYPHOID FEVER	0.32	0.32	0.10	0.10	0.20	0.30	0.40	0.40	0.20	0.10
TYPHUS, MURINE *	0.00	0.32	0.10	0.10	0.31	0.00	0.20	0.30	0.20	0.30
VARICELLA ZOSTER (CHICKENPOX)	5.68	2.76	1.57	3.62	4.20	2.43	3.74	3.42	2.52	4.55
VIBRIOSIS	2.14	2.44	1.67	2.79	2.77	1.93	2.12	2.72	1.31	4.15
VANCOMYCIN-INTERMEDIATE RESISTANT STAPHYLOCOCCUS AUREUS (VISA)	0.32	0.11	0.00	0.00	0.00	0.10	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	0.00	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 *	0.32	0.53	0.42	0.41	0.31	0.30	0.51	0.30	1.31	0.61
ZIKA VIRUS	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0.00	1.61	1.01

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."