

National Notifiable Infectious Diseases and Conditions: United States

TABLE 7. Reported cases of notifiable diseases and rates per 100,000 population, by ethnicity*, excluding U.S. territories -- United States, 2017
(Accessible Version: <https://wonder.cdc.gov/nndss/static/2017/annual/2017-table7.html>)

Disease	Hispanic		Non-Hispanic		Ethnicity not stated	Total
	No.	Rate	No.	Rate	No.	No.
Anthrax	—	—	—	—	—	—
Arboviral diseases						
Chikungunya virus disease	11	0.02	95	0.04	50	156
Eastern equine encephalitis virus disease						
Neuroinvasive	S	S	S	S	S	5
Non-neuroinvasive	—	—	—	—	—	—
Jamestown Canyon virus disease						
Neuroinvasive	—	—	38	0.01	20	58
Non-neuroinvasive	S	S	S	S	S	17
La Crosse virus disease						
Neuroinvasive	3	0.01	52	0.02	8	63
Non-neuroinvasive	—	—	—	—	—	—
Powassan virus disease						
Neuroinvasive	—	—	13	0.00	20	33
Non-neuroinvasive	S	S	S	S	S	1
St. Louis encephalitis virus disease						
Neuroinvasive	S	S	S	S	S	6
Non-neuroinvasive	S	S	S	S	S	5
West Nile virus disease						
Neuroinvasive	208	0.35	982	0.37	235	1,425
Non-neuroinvasive	45	0.08	470	0.18	157	672
Western equine encephalitis virus disease						
Neuroinvasive	—	—	—	—	—	—
Non-neuroinvasive	—	—	—	—	—	—
Babesiosis						
Total	103	0.21	1,345	0.66	920	2,368
Confirmed	97	0.20	1,119	0.55	778	1,994
Probable	6	0.01	226	0.11	142	374
Botulism						
Total	44	0.07	95	0.04	38	177
Foodborne	S	S	S	S	S	19
Infant †	28	2.72	82	2.82	27	137
Other (wound & unspecified)	S	S	S	S	S	21
Brucellosis	58	0.10	53	0.02	29	140
Campylobacteriosis	8,573	14.54	38,816	14.55	20,148	67,537
Chancroid	S	S	S	S	S	7
<i>Chlamydia trachomatis</i> infection	232,231	393.97	851,358	319.13	624,980	1,708,569
Cholera	S	S	S	S	S	10
Coccidioidomycosis §	2,382	9.59	4,617	4.33	7,365	14,364
Cryptosporidiosis						
Total	1,205	2.04	7,477	2.80	2,732	11,414
Confirmed	937	1.59	5,217	1.96	1,889	8,043
Probable	268	0.45	2,260	0.85	843	3,371
Cyclosporiasis	162	0.29	756	0.32	276	1,194
Dengue virus infections ¶						
Dengue	79	0.13	236	0.09	122	437
Dengue-like illness	S	S	S	S	S	8
Severe dengue	S	S	S	S	S	9
Diphtheria	—	—	—	—	—	—
Ehrlichiosis and Anaplasmosis						
<i>Anaplasma phagocytophilum</i> infection	73	0.13	3,510	1.36	2,179	5,762
<i>Ehrlichia chaffeensis</i> infection	40	0.07	1,137	0.44	465	1,642

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Disease	Hispanic		Non-Hispanic		Ethnicity not stated	Total
	No.	Rate	No.	Rate	No.	No.
<i>Ehrlichia ewingii</i> infection	—	—	39	0.02	6	45
Undetermined ehrlichiosis/anaplasmosis	3	0.01	195	0.08	71	269
Giardiasis	1,059	2.43	8,451	3.98	5,683	15,193
Gonorrhea	65,367	110.89	334,013	125.21	156,228	555,608
<i>Haemophilus influenzae</i> , invasive disease						
All ages, all serotypes	313	0.53	3,731	1.40	1,504	5,548
Age <5 years **						
Serotype b	2	0.04	24	0.16	7	33
Non-b serotype	18	0.35	123	0.83	48	189
Nontypeable	31	0.60	114	0.77	55	200
Unknown serotype	31	0.60	123	0.83	49	203
Hansen's disease	16	0.03	53	0.02	25	94
Hantavirus infection, non-hantavirus pulmonary syndrome	S	S	S	S	S	2
Hantavirus pulmonary syndrome	3	0.01	23	0.01	7	33
Hemolytic uremic syndrome post-diarrheal	29	0.05	261	0.10	48	338
Hepatitis ††						
A, acute	471	0.80	2,285	0.86	609	3,365
B, acute	196	0.33	2,379	0.90	834	3,409
B, perinatal infection §§	1	0.05	23	0.40	7	31
C, acute	289	0.51	2,838	1.12	1,098	4,225
Confirmed	235	0.42	2,152	0.85	826	3,213
Probable	54	0.10	686	0.27	272	1,012
Human immunodeficiency virus diagnoses	7,995	13.56	25,943	9.72	—	33,938
Influenza-associated pediatric mortality ¶¶¶	23	0.12	91	0.17	12	126
Invasive pneumococcal disease ***						
All ages	1,519	4.00	12,306	6.01	5,955	19,780
Confirmed	1,513	3.98	12,232	5.97	5,875	19,620
Probable	6	0.02	74	0.04	80	160
Age <5 years **	202	0.49	723	0.33	309	1,234
Confirmed	200	5.51	717	5.81	303	1,220
Probable	2	0.06	6	0.05	6	14
Legionellosis	435	0.74	5,500	2.06	1,523	7,458
Leptospirosis	8	0.02	43	0.02	21	72
Listeriosis	125	0.21	619	0.23	143	887
Lyme disease						
Total	667	1.13	17,247	6.50	24,829	42,743
Confirmed	443	0.75	11,570	4.36	17,500	29,513
Probable	224	0.38	5,677	2.14	7,329	13,230
Malaria	35	0.06	1,608	0.60	413	2,056
Measles						
Total	6	0.01	103	0.04	11	120
Indigenous	3	0.01	90	0.03	6	99
Imported	3	0.01	13	0.00	5	21
Meningococcal disease						
All serogroups	46	0.08	231	0.09	76	353
Serogroups ACWY	22	0.04	71	0.03	14	107
Serogroup B	5	0.01	63	0.02	22	90
Other serogroups	4	0.01	12	0.00	9	25
Unknown serogroup	15	0.03	85	0.03	31	131
Mumps	610	1.03	4,202	1.58	1,297	6,109
Novel Influenza A virus infections	5	0.01	46	0.02	15	66
Pertussis	3,073	5.21	11,525	4.32	4,377	18,975
Plague	S	S	S	S	S	5
Poliomyelitis, paralytic	—	—	—	—	—	—
Poliovirus infection, nonparalytic	—	—	—	—	—	—

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Disease	Hispanic		Non-Hispanic		Ethnicity not stated	Total
	No.	Rate	No.	Rate	No.	No.
Psittacosis	S	S	S	S	S	5
Q fever						
Total	30	0.05	115	0.04	48	193
Acute	23	0.04	94	0.04	36	153
Chronic	7	0.01	21	0.01	12	40
Rabies						
Human	S	S	S	S	S	2
Rubella	S	S	S	S	S	7
Rubella, congenital syndrome †	S	S	S	S	S	5
Salmonellosis	8,038	13.64	32,849	12.31	13,398	54,285
Severe acute respiratory syndrome-associated coronavirus disease	—	—	—	—	—	—
Shiga toxin-producing <i>Escherichia coli</i> †††	1,314	2.23	5,351	2.01	2,007	8,672
Shigellosis	3,559	6.04	8,524	3.20	2,829	14,912
Smallpox	—	—	—	—	—	—
Spotted fever rickettsiosis						
Total	144	0.25	4,388	1.66	1,716	6,248
Confirmed	6	0.01	109	0.04	61	176
Probable	138	0.23	4,279	1.62	1,655	6,072
Streptococcal toxic shock syndrome	31	0.13	272	0.15	69	372
Syphilis						
Total, all stages	26,658	45.22	67,346	25.24	7,563	101,567
Congenital †	308	29.88	593	20.39	17	918
Primary and secondary	6,790	11.52	21,991	8.24	1,863	30,644
Tetanus	3	0.01	22	0.01	8	33
Toxic shock syndrome (other than Streptococcal)	—	—	18	0.01	12	30
Trichinellosis	S	S	S	S	S	15
Tuberculosis	2,568	4.36	6,532	2.45	5	9,105
Tularemia	12	0.02	178	0.07	49	239
Typhoid fever	40	0.07	322	0.12	57	419
Vancomycin-intermediate <i>Staphylococcus aureus</i>	11	0.03	72	0.03	26	109
Vancomycin-resistant <i>Staphylococcus aureus</i>	S	S	S	S	S	3
Varicella morbidity	1,275	2.43	5,271	2.47	2,229	8,775
Varicella mortality	U	U	U	U	U	U
Vibriosis						
Total	208	0.36	1,408	0.54	469	2,085
Confirmed	134	0.23	1,014	0.39	349	1,497
Probable	74	0.13	394	0.15	120	588
Viral hemorrhagic fevers						
Crimean-Congo hemorrhagic fever virus	—	—	—	—	—	—
Ebola virus	—	—	—	—	—	—
Guanarito virus	—	—	—	—	—	—
Junin virus	—	—	—	—	—	—
Lassa virus	—	—	—	—	—	—
Lujo virus	—	—	—	—	—	—
Machupo virus	—	—	—	—	—	—
Marburg virus	—	—	—	—	—	—
Sabia virus	—	—	—	—	—	—
Yellow fever	—	—	—	—	—	—
Zika virus						
Zika virus disease, congenital †,§§§	S	S	S	S	S	22
Zika virus disease, non-congenital	241	0.41	133	0.05	123	497
Zika virus infection, congenital †,§§§	S	S	S	S	S	17
Zika virus infection, non-congenital	328	0.56	173	0.06	140	641

—: No reported cases — The reporting jurisdiction did not submit any cases to CDC.

U: Unavailable — The data are unavailable.

S: Suppressed

* Conditions with <25 cases reported in the year were not broken down by ethnicity.

† The rate is calculated using population less than 1 year of age.

§ Reportable in <25 states.

¶ Total number of reported laboratory-positive dengue cases, including all confirmed cases [by anti-dengue virus (DENV) molecular diagnostic methods or seroconversion of anti-DENV IgM] and all probable cases (by a single, positive anti-DENV IgM).

** The rate is calculated using population less than 5 years of age.

†† Chronic hepatitis B and C data are not included in NNDSS tables but reported case counts are included in the annual Summary of Viral Hepatitis, published online by CDC's Division of Viral Hepatitis, available at <https://www.cdc.gov/hepatitis/statistics/2016surveillance/index.htm>.

§§ The rate is calculated using population less than 2 years of age.

¶¶ The rate is calculated using population less than 18 years of age.

*** Includes drug resistant and susceptible cases of Invasive Pneumococcal Disease. This condition was previously named *Streptococcus pneumoniae* invasive disease and cases were reported to CDC using different event codes to specify whether the cases were drug resistant or in a defined age group, such as <5 years.

††† Includes *Escherichia coli* O157:H7 and Shiga toxin-positive *Escherichia coli* (including O157, non-O157, and not serogrouped).

§§§ Data reported to ArboNET using the national surveillance case definition for congenital Zika virus disease or infection (CSTE Position Statement 16-ID-01). Additional data reported to the US Zika Pregnancy Registry for outcomes of pregnancies with laboratory evidence of possible Zika virus infection are available at <https://www.cdc.gov/pregnancy/zika/data/pregnancy-outcomes.html>. Cases reported to the US Zika Pregnancy Registry might not meet the national surveillance case definition for congenital Zika virus disease or infection.

Notes:

- These are **annual** cases of selected infectious national notifiable diseases from the National Notifiable Diseases Surveillance System (NNDSS). NNDSS data reported by the 50 states, New York City, the District of Columbia, and the U.S. territories are collated and published. Cases are reported by state health departments to CDC weekly. Because source datasets may be updated as additional information is received, statistics in publications based on that source data may differ from what is presented in these tables.
- The list of national notifiable infectious diseases and conditions for 2017 and their national surveillance case definitions are available at <https://wwwn.cdc.gov/nndss/conditions/notifiable/2017/infectious-diseases/>. This list incorporates the Council of State and Territorial Epidemiologists (CSTE) position statements approved in 2016 by CSTE for national surveillance, that were implemented in January 2017, including updated surveillance case definitions for salmonellosis, shigellosis, vibriosis, perinatal hepatitis B virus infection, invasive pneumococcal disease, Lyme disease, and tularemia reported through August 7, 2018. Publication criteria for the finalized 2017 data are available at https://wonder.cdc.gov/nndss/documents/2017_NNDSS_Publication_Criteria.pdf. See also [Guide to Interpreting Provisional and Finalized NNDSS Data](#).
- Population estimates for incidence rates are July 1st, 2017 estimates obtained from the National Center for Health Statistics (NCHS) postcensal estimates of the resident population of the United States for April 1, 2010 - July 1, 2017, by year, county, single year of age (range: 0 to 85 years), bridged-race (white, black or African American, American Indian or Alaska Native, Asian, or Pacific Islander), Hispanic ethnicity (not Hispanic or Latino, Hispanic or Latino), and sex (Vintage 2017), prepared under a collaborative arrangement with the U.S. Census Bureau. Population estimates for states released June 27, 2018 are available at https://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm. Population estimates for territories are the 2017 mid-year estimates from the U.S. Census Bureau International Data Base, accessed on October 2, 2018 at <https://www.census.gov/data-tools/demo/idb/informationGateway.php>. The choice of population denominators for incidence is based on the availability of population data at the time of publication preparation.
- Annual tables for 2016 and later years are available on [CDC WONDER](#).
- Annual summary reports from 1993-2015 are available as published in the [MMWR](#).
- NNDSS annual tables since 1952 are available at [CDC Stacks](#) (once in CDC Stacks select "Annual Reports" in the "Genre" box to the left).

Suggested Citation:

- Centers for Disease Control and Prevention. National Notifiable Diseases Surveillance System, 2017 Annual Tables of Infectious Disease Data. Atlanta, GA. CDC Division of Health Informatics and Surveillance, 2018. Available at: <https://www.cdc.gov/nndss/infectious-tables.html>.

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