

## 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, 2016

(Accessible Version: <https://wonder.cdc.gov/nndss/static/2016/annual/2016-table7.html>)

Disease	Hispanic		Non-Hispanic		Ethnicity not stated	Suppressed *	Total
	No.	Rate	No.	Rate	No.	No.	No.
Anthrax	—	—	—	—	—	—	—
Arboviral diseases							
Chikungunya virus disease	60	0.10	132	0.05	55	—	247
Eastern equine encephalitis virus disease							
Neuroinvasive	S	S	S	S	S	7	7
Non-neuroinvasive	—	—	—	—	—	—	—
Jamestown Canyon virus disease							
Neuroinvasive	S	S	S	S	S	7	7
Non-neuroinvasive	S	S	S	S	S	8	8
La Crosse virus disease							
Neuroinvasive	1	0.00	20	0.01	10	—	31
Non-neuroinvasive	S	S	S	S	S	4	4
Powassan virus disease							
Neuroinvasive	S	S	S	S	S	21	21
Non-neuroinvasive	S	S	S	S	S	1	1
St. Louis encephalitis virus disease							
Neuroinvasive	S	S	S	S	S	7	7
Non-neuroinvasive	S	S	S	S	S	1	1
West Nile virus disease							
Neuroinvasive	160	0.28	841	0.32	307	—	1,308
Non-neuroinvasive	33	0.06	581	0.22	227	—	841
Western equine encephalitis virus disease							
Neuroinvasive	—	—	—	—	—	—	—
Non-neuroinvasive	—	—	—	—	—	—	—
Babesiosis							
Total	72	0.17	1,011	0.54	827	—	1,910
Confirmed	63	0.15	818	0.44	704	—	1,585
Probable	9	0.02	193	0.10	123	—	325
Botulism							
Total	39	0.07	119	0.04	43	—	201
Foodborne	4	0.01	18	0.01	9	—	31
Infant †	28	2.73	87	2.95	29	—	144
Other (wound & unspecified)	7	0.01	14	0.01	5	—	26
Brucellosis	69	0.12	43	0.02	15	—	127
Campylobacteriosis	7,367	12.82	33,388	12.57	19,365	—	60,120
Chancroid	S	S	S	S	S	7	7
<i>Chlamydia trachomatis</i> infection	212,027	368.93	767,700	288.98	618,627	—	1,598,354
Cholera	S	S	S	S	S	15	15
Coccidioidomycosis §	1,964	8.04	3,301	3.09	6,564	—	11,829
Cryptosporidiosis							
Total	1,137	1.98	8,867	3.34	3,449	—	13,453
Confirmed	827	1.44	5,615	2.11	2,195	—	8,637
Probable	310	0.54	3,252	1.22	1,254	—	4,816
Cyclosporiasis	106	0.19	320	0.13	111	—	537
Dengue virus infections ¶							
Dengue	200	0.35	498	0.19	205	—	903
Dengue-like illness	8	0.01	21	0.01	11	—	40
Severe dengue	S	S	S	S	S	10	10
Diphtheria	—	—	—	—	—	—	—
Ehrlichiosis and Anaplasmosis							
<i>Anaplasma phagocytophilum</i> infection	52	0.09	2,557	1.00	1,542	—	4,151
<i>Ehrlichia chaffeensis</i> infection	28	0.05	918	0.36	431	—	1,377

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Disease	Hispanic		Non-Hispanic		Ethnicity not stated	Suppressed *	Total
	No.	Rate	No.	Rate	No.	No.	No.
<i>Ehrlichia ewingii</i> infection	S	S	S	S	S	22	22
Undetermined ehrlichiosis/anaplasmosis	2	0.00	126	0.05	72	—	200
Giardiasis	1,063	2.50	8,829	4.18	6,418	—	16,310
Gonorrhea	54,300	94.48	277,814	104.58	136,400	—	468,514
<i>Haemophilus influenzae</i> , invasive disease							
All ages, all serotypes	289	0.50	3,118	1.17	1,488	—	4,895
Age <5 years **							
Serotype b	1	0.02	19	0.13	10	—	30
Non-b serotype	12	0.23	107	0.72	40	—	159
Nontypeable	28	0.54	109	0.74	59	—	196
Unknown serotype	35	0.68	104	0.70	48	—	187
Hansen's disease	10	0.02	48	0.02	20	—	78
Hantavirus infection, non-hantavirus pulmonary syndrome	S	S	S	S	S	6	6
Hantavirus pulmonary syndrome	4	0.01	23	0.01	4	—	31
Hemolytic uremic syndrome post-diarrheal	36	0.06	228	0.09	43	—	307
Hepatitis ††							
A, acute	293	0.51	1,232	0.46	482	—	2,007
B, acute	194	0.34	2,272	0.86	752	—	3,218
B, perinatal infection §§	—	—	19	0.32	13	—	32
C, acute	191	0.35	1,941	0.78	810	—	2,942
Human immunodeficiency virus diagnoses	8,076	14.05	26,699	10.05	—	—	34,775
Influenza-associated pediatric mortality ¶¶¶	20	0.11	49	0.09	13	—	82
Invasive pneumococcal disease							
All ages	1,119	3.04	10,584	5.19	5,923	—	17,626
Confirmed	1,119	3.04	10,570	5.18	5,914	—	17,603
Probable	S	S	S	S	S	23	23
Age <5 years **	182	0.46	666	0.30	294	—	1,142
Confirmed	182	5.08	663	5.36	292	—	1,137
Probable	S	S	S	S	S	5	5
Legionellosis	397	0.69	4,506	1.70	1,238	—	6,141
Leptospirosis	7	0.02	52	0.03	19	—	78
Listeriosis	87	0.15	564	0.21	135	—	786
Lyme disease							
Total	546	0.95	13,833	5.23	22,050	—	36,429
Confirmed	365	0.64	9,666	3.66	16,172	—	26,203
Probable	181	0.32	4,167	1.58	5,878	—	10,226
Malaria	59	0.10	1,492	0.56	404	—	1,955
Measles							
Total	6	0.01	44	0.02	35	—	85
Indigenous	6	0.01	29	0.01	33	—	68
Imported	S	S	S	S	S	17	17
Meningococcal disease							
All serogroups	55	0.10	262	0.10	58	—	375
Serogroups ACWY	17	0.03	91	0.03	18	—	126
Serogroup B	6	0.01	67	0.03	13	—	86
Other serogroups	S	S	S	S	S	21	21
Unknown serogroup	30	0.05	88	0.03	24	—	142
Mumps	596	1.04	4,685	1.76	1,088	—	6,369
Novel Influenza A virus infections	S	S	S	S	S	23	23
Pertussis	2,396	4.17	10,358	3.90	5,218	—	17,972
Plague	S	S	S	S	S	4	4
Poliomyelitis, paralytic	—	—	—	—	—	—	—
Poliovirus infection, nonparalytic	—	—	—	—	—	—	—
Psittacosis	S	S	S	S	S	12	12
Q fever							

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Disease	Hispanic		Non-Hispanic		Ethnicity not stated	Suppressed *	Total
	No.	Rate	No.	Rate	No.	No.	No.
Total	22	0.04	88	0.03	54	—	164
Acute	20	0.03	73	0.03	39	—	132
Chronic	2	0.00	15	0.01	15	—	32
Rabies							
Human	—	—	—	—	—	—	—
Rubella	S	S	S	S	S	1	1
Rubella, congenital syndrome †	S	S	S	S	S	2	2
Salmonellosis	7,406	12.89	33,064	12.45	13,380	—	53,850
Severe acute respiratory syndrome-associated coronavirus disease	—	—	—	—	—	—	—
Shiga toxin-producing <i>Escherichia coli</i> ***	1,274	2.22	4,984	1.88	1,911	—	8,169
Shigellosis	4,919	8.56	11,539	4.34	4,639	—	21,097
Smallpox	—	—	—	—	—	—	—
Spotted fever rickettsiosis							
Total	108	0.19	2,887	1.09	1,274	—	4,269
Confirmed	4	0.01	93	0.04	57	—	154
Probable	104	0.18	2,794	1.06	1,217	—	4,115
Streptococcal toxic shock syndrome	23	0.10	201	0.11	59	—	283
Syphilis							
Total, all stages †††	22,694	39.49	58,751	22.12	6,597	—	88,042
Congenital †	187	18.24	407	13.82	34	—	628
Primary and secondary	6,193	10.78	19,791	7.45	1,830	—	27,814
Tetanus	4	0.01	20	0.01	10	—	34
Toxic shock syndrome (other than Streptococcal)	5	0.01	25	0.01	10	—	40
Trichinellosis	1	0.00	20	0.01	5	—	26
Tuberculosis	2,601	4.53	6,656	2.51	15	—	9,272
Tularemia	10	0.02	174	0.07	46	—	230
Typhoid fever	40	0.07	281	0.11	55	—	376
Vancomycin-intermediate <i>Staphylococcus aureus</i>	5	0.01	78	0.04	25	—	108
Vancomycin-resistant <i>Staphylococcus aureus</i>	—	—	—	—	—	—	—
Varicella morbidity	1,559	3.05	5,034	2.41	2,360	—	8,953
Varicella mortality	U	U	U	U	U	U	U
Vibriosis							
Total	127	0.22	843	0.32	303	—	1,273
Confirmed	125	0.22	818	0.31	298	—	1,241
Probable	2	0.00	25	0.01	5	—	32
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	S	S	S	S	S	1	1
Zika virus							
Zika virus disease, congenital †,§§§	18	1.76	5	0.17	7	—	30
Zika virus disease, non-congenital	2,079	3.62	1,680	0.63	1,373	—	5,132
Zika virus infection, congenital †,§§§	16	1.56	3	0.10	26	—	45
Zika virus infection, non-congenital	463	0.81	262	0.10	186	—	911

—: No reported cases U: Unavailable S: Suppressed

\* Condition had <25 cases reported in the year so data 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/2015surveillance/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 *Escherichia coli* O157:H7; shiga toxin-positive, serogroup non-O157; and shiga toxin positive, not serogrouped.

††† Includes syphilis of all stages, including cases where stage of syphilis is not stated.

§§§ 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/zika/reporting/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.

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## 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 2016 and their national surveillance case definitions are available at <https://www.cdc.gov/nndss/conditions/notifiable/2016/infectious-diseases/>. This list incorporates the Council of State and Territorial Epidemiologists (CSTE) position statements approved in 2015 by CSTE for national surveillance, that were implemented in January 2016, including updated surveillance case definitions for acute hepatitis C and chronic hepatitis C virus infections. 2016 data are reported through June 30, 2017. Publication criteria for the finalized 2016 data are available at [/nndss/documents/2016\\_NNDSS\\_Publication\\_Criteria.pdf](/nndss/documents/2016_NNDSS_Publication_Criteria.pdf). See also [Guide to Interpreting Provisional and Finalized NNDSS Data](#).
- Population estimates for incidence rates are July 1st, 2016 estimates obtained from the National Center for Health Statistics (NCHS) postcensal estimates of the resident population of the United States for July 1, 2011 - July 1, 2016, 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 2016), prepared under a collaborative arrangement with the U.S. Census Bureau. Population estimates for states as of June 26, 2017 are available at [https://www.cdc.gov/nchs/nvss/bridged\\_race/data\\_documentation.htm](https://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm). Population estimates for territories are the 2016 mid-year estimates from the U.S. Census Bureau International Data Base accessed on July 24, 2017 at <https://www.census.gov/population/international/data/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*.
- Annual summary reports from 1952-1992 are available as published in the *MMWR* in the [CDC Stacks](#).

## Suggested Citation:

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## National Notifiable Diseases Surveillance System

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