

National Notifiable Infectious Diseases and Conditions: United States

TABLE 3. Reported cases of notifiable diseases, by month*, excluding U.S. territories -- United States, 2016
(Accessible Version: <https://wonder.cdc.gov/nndss/static/2016/annual/2016-table3.html>)

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Anthrax	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arboviral diseases														
Chikungunya virus disease	24	27	11	6	11	17	17	34	32	25	25	18	–	247
Eastern equine encephalitis virus disease														
Neuroinvasive	–	–	–	–	–	–	3	–	2	2	–	–	–	7
Non-neuroinvasive	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jamestown Canyon virus disease														
Neuroinvasive	–	–	–	–	–	1	1	2	–	1	2	–	–	7
Non-neuroinvasive	–	–	–	–	–	–	2	3	2	1	–	–	–	8
La Crosse virus disease														
Neuroinvasive	–	–	–	–	1	1	6	7	10	4	2	–	–	31
Non-neuroinvasive	–	–	–	–	–	–	2	2	–	–	–	–	–	4
Powassan virus disease														
Neuroinvasive	–	–	–	2	1	2	2	–	1	4	5	4	–	21
Non-neuroinvasive	–	–	–	–	–	–	–	–	1	–	–	–	–	1
St. Louis encephalitis virus disease														
Neuroinvasive	–	–	–	–	–	1	3	1	2	–	–	–	–	7
Non-neuroinvasive	–	–	–	–	–	–	1	–	–	–	–	–	–	1
West Nile virus disease														
Neuroinvasive	–	–	–	1	7	22	151	448	383	174	64	58	–	1,308
Non-neuroinvasive	1	–	–	1	9	19	139	344	194	78	38	18	–	841
Western equine encephalitis virus disease														
Neuroinvasive	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-neuroinvasive	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Babesiosis														
Total	18	9	8	28	50	249	686	379	145	117	57	164	–	1,910
Confirmed	11	8	4	18	39	210	594	329	119	90	39	124	–	1,585
Probable	7	1	4	10	11	39	92	50	26	27	18	40	–	325
Botulism														
Total	9	9	19	22	8	37	14	12	17	16	17	21	–	201
Foodborne	–	1	–	2	–	19	1	1	3	2	–	2	–	31
Infant	9	6	15	18	5	15	10	11	11	12	15	17	–	144
Other (wound & unspecified)	–	2	4	2	3	3	3	–	3	2	2	2	–	26
Brucellosis	5	6	12	14	12	10	4	17	11	12	5	19	–	127
Campylobacteriosis	3,289	3,104	3,053	4,559	4,615	6,018	7,983	5,907	4,885	5,665	4,097	6,945	–	60,120
Chancroid	–	1	–	2	–	–	1	–	3	–	–	–	–	7
<i>Chlamydia trachomatis</i> infection	118,413	124,918	120,969	154,221	124,652	115,560	147,782	129,334	124,265	155,523	117,487	165,230	–	1,598,354
Cholera	3	1	1	1	1	–	3	2	1	2	–	–	–	15
Coccidioidomycosis †	832	741	741	973	667	688	995	1,002	1,038	1,646	1,222	1,284	–	11,829
Cryptosporidiosis														
Total	486	551	493	702	648	745	1,279	2,541	2,423	1,771	846	968	–	13,453
Confirmed	300	302	286	433	386	449	846	1,668	1,619	1,182	546	620	–	8,637
Probable	186	249	207	269	262	296	433	873	804	589	300	348	–	4,816
Cyclosporiasis	1	4	1	4	18	50	213	136	53	21	14	22	–	537
Dengue virus infections §														
Dengue	155	63	62	53	53	64	127	118	87	54	35	32	–	903
Dengue-like illness	5	3	1	4	3	4	9	3	1	1	3	3	–	40
Severe dengue	1	–	–	1	2	2	1	1	1	1	–	–	–	10
Diphtheria	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ehrlichiosis and Anaplasmosis														
<i>Anaplasma phagocytophilum</i>	25	14	44	159	348	926	1,013	468	205	300	414	235	–	4,151

TABLE 3. Reported cases of notifiable diseases, by month*, excluding U.S. territories -- United States, 2016
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Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
infection														
<i>Ehrlichia chaffeensis</i> infection	10	7	10	51	132	240	347	154	137	85	31	173	–	1,377
<i>Ehrlichia ewingii</i> infection	–	–	–	1	2	5	5	5	1	–	–	3	–	22
Undetermined ehrlichiosis/anaplasmosis	1	1	3	12	20	25	60	30	11	18	11	8	–	200
Giardiasis	980	1,034	1,032	1,337	1,089	1,097	1,532	1,619	1,607	1,712	1,055	2,216	–	16,310
Gonorrhea	33,173	32,955	31,737	41,079	35,513	34,120	44,683	39,106	38,406	48,002	36,763	52,977	–	468,514
<i>Haemophilus influenzae</i> , invasive disease														
All ages, all serotypes	481	383	390	582	360	351	375	266	289	390	360	668	–	4,895
Age <5 years														
Serotype b	4	–	3	2	–	1	3	3	3	3	2	6	–	30
Non-b serotype	10	11	18	14	15	10	12	8	13	17	9	22	–	159
Nontypeable	23	25	19	14	10	12	12	10	16	8	13	34	–	196
Unknown serotype	17	15	12	14	15	14	11	10	6	19	22	32	–	187
Hansen's disease	10	8	4	7	5	5	3	14	6	11	3	2	–	78
Hantavirus infection, non-hantavirus pulmonary syndrome	–	–	1	1	1	–	–	–	–	–	1	2	–	6
Hantavirus pulmonary syndrome	3	1	1	4	3	1	6	2	1	1	4	4	–	31
Hemolytic uremic syndrome post-diarrheal	14	8	14	18	23	29	41	41	22	43	26	28	–	307
Hepatitis ¶														
A, acute	110	123	98	141	102	106	261	281	284	204	106	191	–	2,007
B, acute	212	244	213	319	259	230	309	254	248	281	225	424	–	3,218
B, perinatal infection	1	2	2	5	1	3	3	3	1	2	4	5	–	32
C, acute	256	248	220	321	247	219	283	211	209	239	165	324	–	2,942
Human immunodeficiency virus diagnoses	3,303	3,307	3,468	3,242	3,469	3,510	3,244	3,460	2,911	2,609	1,847	403	2	34,775
Influenza-associated pediatric mortality	2	9	15	32	10	3	7	–	–	2	–	2	–	82
Invasive pneumococcal disease														
All ages	1,669	1,808	2,014	2,270	1,344	981	886	593	766	1,360	1,320	2,615	–	17,626
Confirmed	1,667	1,806	2,013	2,269	1,342	980	886	590	765	1,356	1,319	2,610	–	17,603
Probable	2	2	1	1	2	1	–	3	1	4	1	5	–	23
Age <5 years	83	126	127	124	76	88	62	40	63	94	106	153	–	1,142
Confirmed	83	126	127	124	74	87	62	40	63	92	106	153	–	1,137
Probable	–	–	–	–	2	1	–	–	–	2	–	–	–	5
Legionellosis	275	230	256	298	305	439	633	688	736	876	591	814	–	6,141
Leptospirosis	4	–	6	3	2	3	8	10	9	11	5	17	–	78
Listeriosis	32	39	31	53	46	73	89	96	99	81	55	92	–	786
Lyme disease														
Total	881	837	1,056	1,607	2,017	5,425	9,686	4,860	3,108	2,954	1,942	2,056	–	36,429
Confirmed	592	568	698	1,056	1,341	4,076	7,393	3,699	2,179	2,047	1,276	1,278	–	26,203
Probable	289	269	358	551	676	1,349	2,293	1,161	929	907	666	778	–	10,226
Malaria	87	85	75	107	144	197	231	259	226	211	117	216	–	1,955
Measles														
Total	2	–	4	7	20	21	7	1	2	2	–	19	–	85
Indigenous	–	–	2	7	16	20	4	–	–	1	–	18	–	68
Imported	2	–	2	–	4	1	3	1	2	1	–	1	–	17
Meningococcal disease														
All serogroups	29	29	32	50	34	28	33	20	19	27	22	52	–	375
Serogroups ACWY	9	8	9	16	14	8	6	9	8	11	10	18	–	126
Serogroup B	7	8	4	13	7	4	4	3	6	7	9	14	–	86
Other serogroups	2	1	5	2	1	2	1	3	1	1	–	2	–	21
Unknown serogroup	11	12	14	19	12	14	22	5	4	8	3	18	–	142
Mumps	202	266	314	457	347	200	129	118	405	859	1,097	1,975	–	6,369
Novel Influenza A virus infections	–	–	–	1	1	1	–	18	–	–	1	1	–	23
Pertussis	1,272	1,232	1,084	1,380	1,279	1,312	1,802	1,224	1,087	1,378	1,820	3,102	–	17,972
Plague	–	–	–	–	–	1	1	1	1	–	–	–	–	4

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Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Polio myelitis, paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliovirus infection, nonparalytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Psittacosis	—	1	2	—	—	2	1	1	3	1	1	—	—	12
Q fever														
Total	3	7	10	15	26	12	27	10	12	16	7	19	—	164
Acute	3	7	6	13	22	10	25	7	8	13	5	13	—	132
Chronic	—	—	4	2	4	2	2	3	4	3	2	6	—	32
Rabies														
Animal	233	315	414	400	455	504	404	636	485	374	217	167	5	4,609
Human	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rubella	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Rubella, congenital syndrome	—	—	—	—	—	—	—	—	—	—	2	—	—	2
Salmonellosis	2,415	2,077	2,221	3,786	3,513	4,469	7,317	6,544	6,268	6,495	3,687	5,058	—	53,850
Severe acute respiratory syndrome-associated coronavirus disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shiga toxin-producing <i>Escherichia coli</i> **	329	271	395	573	521	770	1,233	948	782	842	571	934	—	8,169
Shigellosis	1,699	1,640	1,663	2,027	1,801	1,825	2,106	1,650	1,466	1,949	1,349	1,922	—	21,097
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spotted fever rickettsiosis														
Total	30	47	82	224	408	610	864	641	499	388	174	302	—	4,269
Confirmed	4	2	9	5	15	19	28	27	14	12	4	15	—	154
Probable	26	45	73	219	393	591	836	614	485	376	170	287	—	4,115
Streptococcal toxic shock syndrome	27	37	24	47	18	17	16	13	12	14	20	38	—	283
Syphilis														
Total, all stages ††	6,490	6,907	6,831	8,612	6,861	6,453	8,293	6,856	6,642	8,662	6,648	8,787	—	88,042
Congenital	52	55	45	44	48	51	50	59	52	59	61	52	—	628
Primary and secondary	2,027	2,124	2,119	2,710	2,163	2,045	2,660	2,247	2,128	2,726	2,115	2,750	—	27,814
Tetanus	1	1	3	5	1	4	3	5	3	3	1	4	—	34
Toxic shock syndrome (other than Streptococcal)	2	5	2	—	2	4	7	2	4	2	6	4	—	40
Trichinellosis	—	—	1	2	1	2	2	3	3	4	—	8	—	26
Tuberculosis	478	642	698	777	716	837	691	853	713	803	740	1,324	—	9,272
Tularemia	1	5	5	11	29	34	40	30	19	20	14	22	—	230
Typhoid fever	32	22	20	32	28	32	36	48	43	22	24	37	—	376
Vancomycin-intermediate <i>Staphylococcus aureus</i>	10	13	9	12	8	7	12	11	8	7	3	8	—	108
Vancomycin-resistant <i>Staphylococcus aureus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Varicella morbidity	781	738	733	1,026	871	608	579	407	683	827	721	979	—	8,953
Varicella mortality	—	—	—	—	—	—	1	1	1	—	—	—	—	3
Vibriosis														
Total	48	29	29	50	67	108	227	229	165	137	62	122	—	1,273
Confirmed	48	25	27	50	66	105	223	225	161	132	61	118	—	1,241
Probable	—	4	2	—	1	3	4	4	4	5	1	4	—	32
Viral hemorrhagic fevers														
Crimean-Congo hemorrhagic fever virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ebola virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guanarito virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junin virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lassa virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lujó virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Machupo virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marburg virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sabia virus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yellow fever	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Zika virus														
Zika virus disease, congenital §§	—	—	1	—	2	1	6	1	4	7	3	5	—	30

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Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Zika virus disease, non-congenital	139	180	137	190	287	574	1,147	1,001	520	378	341	238	—	5,132
Zika virus infection, congenital §§	—	—	—	—	1	—	5	5	4	12	7	11	—	45
Zika virus infection, non-congenital	5	25	38	39	47	74	98	81	94	141	106	163	—	911

—: No reported cases

* Month is defined using MMWR week (http://www.cdc.gov/nndss/document/MMWR_Week_overview.pdf). MMWR week calendars can be found at <http://www.cdc.gov/nndss/script/downloads.aspx>.

† 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).

¶ 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>.

** 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.

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://wwwn.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. 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. 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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