

Nationally Notifiable Infectious Diseases and Conditions, United States: Annual Tables

TABLE 3. Reported cases of notifiable diseases, by month*, excluding U.S. territories - - United States, 2017

(Accessible Version: <https://wonder.cdc.gov/nndss/static/2017/annual/2017-table3.html>)

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arboviral diseases														
Chikungunya virus disease	6	2	5	7	11	17	19	14	29	17	9	20	—	156
Eastern equine encephalitis virus disease														
Neuroinvasive	—	—	—	—	—	—	—	—	1	3	—	1	—	5
Non-neuroinvasive	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jamestown Canyon virus disease														
Neuroinvasive	1	—	—	3	2	12	14	10	12	2	2	—	—	58
Non-neuroinvasive	—	—	—	—	1	4	3	5	4	—	—	—	—	17
La Crosse virus disease														
Neuroinvasive	—	—	1	—	—	2	16	28	9	5	2	—	—	63
Non-neuroinvasive	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Powassan virus disease														
Neuroinvasive	—	—	—	1	9	8	6	1	1	2	2	3	—	33
Non-neuroinvasive	—	—	—	—	—	—	1	—	—	—	—	—	—	1
St. Louis encephalitis virus disease														
Neuroinvasive	—	—	—	—	—	—	2	—	4	—	—	—	—	6
Non-neuroinvasive	—	—	1	—	—	—	—	1	—	2	1	—	—	5
West Nile virus disease														
Neuroinvasive	—	—	3	5	4	19	192	445	575	127	40	15	—	1,425
Non-neuroinvasive	—	—	3	2	3	22	132	231	213	51	10	5	—	672
Western equine encephalitis virus disease														
Neuroinvasive	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-neuroinvasive	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Babesiosis														
Total	17	11	14	20	68	262	846	514	247	115	76	178	—	2,368
Confirmed	10	6	9	12	46	225	755	440	206	87	57	141	—	1,994
Probable	7	5	5	8	22	37	91	74	41	28	19	37	—	374
Botulism														
Total	10	12	10	20	17	13	11	14	14	10	19	27	—	177
Foodborne	—	1	—	10	3	1	—	3	1	—	—	—	—	19
Infant	9	10	9	9	10	12	8	8	12	8	17	25	—	137
Other (wound & unspecified)	1	1	1	1	4	—	3	3	1	2	2	2	—	21
Brucellosis	—	10	11	19	11	8	26	10	10	11	5	19	—	140
Campylobacteriosis	3,485	3,486	3,646	5,358	5,167	6,605	8,989	6,488	6,822	4,832	4,440	8,219	—	67,537
Chancroid	1	—	3	1	—	1	—	—	—	1	—	—	—	7
<i>Chlamydia trachomatis</i> infection	121,687	131,274	131,494	162,492	132,119	124,608	161,548	140,581	167,506	141,332	125,923	168,005	—	1,708,569
Cholera	—	1	1	1	1	—	3	3	—	—	—	—	—	10
Coccidioidomycosis [†]	866	742	661	866	766	789	1,209	1,131	1,537	1,568	1,751	2,478	—	14,364
Cryptosporidiosis														
Total	449	463	585	828	594	710	1,229	1,666	1,852	1,186	801	1,051	—	11,414
Confirmed	343	331	397	546	374	500	859	1,236	1,398	845	544	670	—	8,043
Probable	106	132	188	282	220	210	370	430	454	341	257	381	—	3,371
Cyclosporiasis	5	2	5	7	41	210	439	361	71	21	7	25	—	1,194
Dengue virus infections [§]														
Dengue	32	17	13	9	14	22	58	59	70	57	48	38	—	437

TABLE 3. Reported cases of notifiable diseases, by month*, excluding U.S. territories - - United States, 2017
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Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Dengue-like illness	—	—	—	1	1	1	—	2	1	1	—	1	—	8
Severe dengue	1	—	—	—	2	—	2	2	—	1	—	1	—	9
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ehrlichiosis and Anaplasmosis														
<i>Anaplasma phagocytophilum</i> infection	18	28	54	206	667	1,261	1,590	510	343	340	485	260	—	5,762
<i>Ehrlichia chaffeensis</i> infection	6	12	9	63	175	268	387	232	196	91	48	155	—	1,642
<i>Ehrlichia ewingii</i> infection	1	—	—	1	4	8	19	9	1	1	—	1	—	45
Undetermined ehrlichiosis/anaplasmosis	2	2	4	12	22	40	77	34	34	18	12	12	—	269
Giardiasis	914	913	980	1,244	1,021	1,015	1,583	1,527	1,841	1,249	987	1,919	—	15,193
Gonorrhea	38,343	38,974	39,784	49,829	41,064	41,445	54,817	46,444	56,307	47,209	42,980	58,412	—	555,608
<i>Haemophilus influenzae</i> , invasive disease														
All ages, all serotypes	466	442	428	543	415	435	494	290	411	387	410	827	—	5,548
Age <5 years														
Serotype b	1	—	1	5	2	4	4	1	3	2	3	7	—	33
Non-b serotype	14	23	20	14	13	16	15	11	14	10	14	25	—	189
Nontypeable	17	18	18	22	15	16	17	6	12	9	14	36	—	200
Unknown serotype	14	19	15	26	15	13	22	14	10	13	19	23	—	203
Hansen's disease	8	3	9	12	8	10	10	4	10	9	4	7	—	94
Hantavirus infection, non-hantavirus pulmonary syndrome	1	—	—	—	—	—	—	—	—	—	—	1	—	2
Hantavirus pulmonary syndrome	—	2	1	3	5	4	3	1	4	3	—	7	—	33
Hemolytic uremic syndrome post-diarrheal	12	16	19	30	23	24	56	28	47	26	26	31	—	338
Hepatitis ¶														
A, acute	104	145	166	230	238	246	361	391	449	323	289	423	—	3,365
B, acute	229	228	324	342	266	250	318	239	336	271	220	386	—	3,409
B, perinatal infection	2	2	3	4	1	2	2	2	3	4	3	3	—	31
C, acute	284	329	341	389	347	326	393	327	390	273	312	514	—	4,225
Confirmed	227	252	258	288	275	253	304	240	298	211	237	370	—	3,213
Probable	57	77	83	101	72	73	89	87	92	62	75	144	—	1,012
Human immunodeficiency virus diagnoses	3,288	3,059	3,336	3,063	3,294	3,360	3,231	3,327	2,742	2,815	1,981	437	5	33,938
Influenza-associated pediatric mortality	15	24	21	33	9	2	4	—	3	3	4	8	—	126
Invasive pneumococcal disease **														
All ages	1,991	2,122	2,045	2,278	1,508	1,269	915	634	1,147	1,093	1,475	3,303	—	19,780
Confirmed	1,979	2,110	2,030	2,255	1,497	1,256	913	626	1,133	1,082	1,465	3,274	—	19,620
Probable	12	12	15	23	11	13	2	8	14	11	10	29	—	160
Age <5 years	80	110	129	128	105	83	60	53	95	89	115	187	—	1,234
Confirmed	80	108	127	128	104	82	60	52	92	89	114	184	—	1,220
Probable	—	2	2	—	1	1	—	1	3	—	1	3	—	14
Legionellosis	371	315	251	410	538	645	1,274	857	980	705	573	539	—	7,458
Leptospirosis	4	7	3	8	6	2	9	6	8	2	7	10	—	72
Listeriosis	48	48	51	58	52	68	105	102	113	82	60	100	—	887
Lyme disease														
Total	1,134	1,032	1,170	1,863	2,582	5,647	11,472	6,481	4,467	2,579	2,063	2,253	—	42,743
Confirmed	726	644	711	1,141	1,635	3,964	8,489	4,671	3,028	1,724	1,337	1,443	—	29,513
Probable	408	388	459	722	947	1,683	2,983	1,810	1,439	855	726	810	—	13,230

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Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Malaria	120	105	65	138	162	189	288	293	260	163	102	171	—	2,056
Measles														
Total	15	3	7	33	41	8	5	1	2	—	—	5	—	120
Indigenous	10	2	2	33	39	7	3	—	1	—	—	2	—	99
Imported	5	1	5	—	2	1	2	1	1	—	—	3	—	21
Meningococcal disease														
All serogroups	34	29	34	35	32	18	22	17	26	28	32	46	—	353
Serogroups ACWY	11	5	10	9	13	2	5	4	7	10	14	17	—	107
Serogroup B	8	8	11	7	6	2	8	1	9	6	13	11	—	90
Other serogroups	3	2	1	4	1	4	—	1	2	1	1	5	—	25
Unknown serogroup	12	14	12	15	12	10	9	11	8	11	4	13	—	131
Mumps	619	669	652	631	469	324	293	232	328	306	341	1,245	—	6,109
Novel Influenza A virus infections	—	—	—	1	—	—	12	8	34	9	1	1	—	66
Pertussis	1,137	1,113	1,190	1,769	1,670	1,500	1,961	1,391	1,496	1,132	1,637	2,979	—	18,975
Plague	—	—	—	1	1	2	1	—	—	—	—	—	—	5
Poliomyelitis, paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliovirus infection, nonparalytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Psittacosis	1	—	1	—	1	—	—	—	1	—	1	—	—	5
Q fever														
Total	9	8	12	28	23	17	25	17	10	11	16	17	—	193
Acute	7	6	6	24	18	14	23	12	7	10	14	12	—	153
Chronic	2	2	6	4	5	3	2	5	3	1	2	5	—	40
Rabies														
Animal	208	201	386	365	447	397	440	593	535	408	258	180	5	4,423
Human	—	—	—	—	1	—	—	—	—	—	1	—	—	2
Rubella	—	—	1	2	—	—	1	—	—	1	—	2	—	7
Rubella, congenital syndrome	—	2	1	—	—	—	—	—	—	—	—	2	—	5
Salmonellosis	2,148	2,185	2,406	4,066	3,810	4,763	7,488	6,464	6,926	5,143	3,813	5,073	—	54,285
Severe acute respiratory syndrome-associated coronavirus disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shiga toxin-producing <i>Escherichia coli</i> ^{††}	313	342	358	739	617	775	1,128	1,014	1,028	755	606	997	—	8,672
Shigellosis	989	1,054	946	1,210	1,132	1,201	1,511	1,348	1,534	1,203	1,108	1,676	—	14,912
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spotted fever rickettsiosis														
Total	43	64	103	353	577	1,062	1,364	929	745	385	189	434	—	6,248
Confirmed	4	2	5	21	22	24	31	29	14	6	3	15	—	176
Probable	39	62	98	332	555	1,038	1,333	900	731	379	186	419	—	6,072
Streptococcal toxic shock syndrome	32	33	35	57	51	31	24	12	16	13	23	45	—	372
Syphilis														
Total, all stages	6,751	7,730	8,018	9,893	7,992	7,757	9,388	8,190	9,663	8,265	7,512	10,408	—	101,567
Congenital	74	63	67	67	68	69	91	84	72	98	77	88	—	918
Primary and secondary	2,096	2,310	2,352	2,934	2,346	2,295	2,875	2,489	3,016	2,507	2,315	3,109	—	30,644
Tetanus	3	5	3	3	3	1	5	4	4	2	—	—	—	33
Toxic shock syndrome (other than Streptococcal)	—	3	1	8	1	3	3	2	4	—	3	2	—	30
Trichinellosis	3	—	1	3	6	—	—	—	—	1	—	1	—	15
Tuberculosis	504	624	801	686	803	799	748	846	737	779	687	1,091	—	9,105
Tularemia	1	5	3	14	25	31	38	25	33	14	21	29	—	239
Typhoid fever	41	20	23	37	22	19	46	42	53	52	19	45	—	419

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Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Total
Vancomycin-intermediate <i>Staphylococcus aureus</i>	5	13	7	9	2	9	13	7	16	6	12	10	—	109
Vancomycin-resistant <i>Staphylococcus aureus</i>	—	1	—	—	—	—	—	—	1	1	—	—	—	3
Varicella morbidity	676	740	781	960	748	513	566	495	831	772	778	915	—	8,775
Varicella mortality	—	—	—	—	—	—	—	1	—	—	—	1	—	2
Vibriosis														
Total	60	61	81	145	126	158	333	277	273	194	129	248	—	2,085
Confirmed	45	39	54	95	85	111	271	209	203	135	75	175	—	1,497
Probable	15	22	27	50	41	47	62	68	70	59	54	73	—	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 §§	7	4	2	3	1	2	—	—	—	2	1	—	—	22
Zika virus disease, non-congenital	80	48	34	39	25	28	44	61	53	37	25	23	—	497
Zika virus infection, congenital §§	1	1	—	4	2	3	4	—	2	—	—	—	—	17
Zika virus infection, non-congenital	61	59	44	79	71	63	70	34	43	36	35	46	—	641

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

* 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/2016surveillance/index.htm>.** 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 nationally notifiable infectious diseases and conditions for 2018 and their national surveillance case definitions are available by navigating to the [Surveillance Case Definitions | CDC](#) web page, selecting "2017" for the notifiable condition list year, checking "infectious" conditions, and clicking "Get Notifiable List by Year". 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).

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National Notifiable Diseases Surveillance System

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