

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

TABLE 2g. Annual reported cases of notifiable diseases, by region and reporting area, United States and U.S. Territories, excluding Non-U.S. Residents*, 2019[†]

Data from some jurisdictions may be incomplete due to the coronavirus disease 2019 (COVID-19) pandemic. Please see [Note #9](#) at the bottom of the table.

(Accessible Version: <https://wonder.cdc.gov/nndss/static/2019/annual/2019-table2g.html>)

Reporting Area	Giardiasis	Gonorrhea	Haemophilus influenzae, invasive disease					Hansen's disease
			All ages, all serotypes	Age <5 years				
				Serotype b	Non-b serotype	Nontypeable	Unknown serotype	
U.S. Residents, excluding U.S. Territories	14,860	616,392	6,143	18	213	200	254	77
New England	1,037	14,462	292	—	2	7	2	1
Connecticut	188	4,418	57	—	2	—	—	—
Maine	142	547	38	—	—	2	—	N
Massachusetts	532	7,396	119	—	—	3	1	—
New Hampshire	96	410	35	—	—	1	—	1
Rhode Island	79	1,516	24	—	—	1	—	—
Vermont	N	175	19	—	—	—	1	N
Middle Atlantic	3,188	66,582	857	4	20	10	36	4
New Jersey	436	9,622	156	—	—	—	13	1
New York (excluding New York City)	1,018	12,020	255	2	3	10	1	N
New York City	1,201	28,881	141	2	17	—	1	3
Pennsylvania	533	16,059	305	—	—	—	21	—
East North Central	1,681	94,259	1,166	6	41	52	10	1
Illinois	N	29,272	285	—	6	13	2	—
Indiana	196	11,926	183	1	9	10	2	1
Michigan	423	18,150	220	—	11	6	1	—
Ohio	424	26,065	353	3	10	13	5	—
Wisconsin	638	8,846	125	2	5	10	—	—
West North Central	1,435	40,439	474	—	8	—	47	4
Iowa	269	5,309	2	—	—	—	1	—
Kansas	134	4,948	70	—	4	—	2	1
Minnesota	574	8,013	121	—	—	—	16	2
Missouri	223	15,585	191	—	—	—	17	1
Nebraska	94	2,967	42	—	4	—	—	—
North Dakota	49	1,447	18	—	—	—	6	N
South Dakota	92	2,170	30	—	—	—	5	—
South Atlantic	2,410	131,806	1,362	1	22	47	60	32
Delaware	35	1,617	35	—	—	—	5	1
District of Columbia	75	4,382	17	—	—	—	—	—
Florida	1,088	36,804	367	—	7	20	21	26
Georgia	480	21,257	250	—	6	—	19	3
Maryland	174	11,598	136	1	—	6	1	—
North Carolina	N	26,377	234	—	6	13	1	1
South Carolina	156	14,160	121	—	—	—	10	—
Virginia	300	13,840	160	—	1	6	3	1
West Virginia	102	1,771	42	—	2	2	—	N
East South Central	160	49,965	506	2	31	12	12	4
Alabama	160	14,492	132	—	9	4	3	1
Kentucky	N	7,379	111	1	6	1	3	—
Mississippi	N	12,068	73	1	9	3	4	2
Tennessee	N	16,026	190	—	7	4	2	1
West South Central	388	74,428	758	2	41	42	14	9
Arkansas	132	6,907	111	—	5	7	2	—
Louisiana	256	12,800	85	—	5	2	3	1
Oklahoma	N	10,491	110	—	7	6	1	N
Texas	N	44,230	452	2	24	27	8	8

TABLE 2g. Annual reported cases of notifiable diseases, by region and reporting area, United States and U.S.

Territories, excluding Non-U.S. Residents*, 2019†

Data from some jurisdictions may be incomplete due to the coronavirus disease 2019 (COVID-19) pandemic. Please see Note #9 at the bottom of the table.

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Reporting Area	Giardiasis	Gonorrhea	Haemophilus influenzae, invasive disease					Hansen's disease
			All ages, all serotypes	Age <5 years				
				Serotype b	Non-b serotype	Nontypeable	Unknown serotype	
Mountain	1,266	42,577	505	2	35	21	6	1
Arizona	143	15,180	170	1	13	6	2	—
Colorado	492	9,572	115	—	3	7	—	—
Idaho	177	1,491	37	—	2	—	1	—
Montana	79	1,595	27	—	2	—	—	—
Nevada	85	6,519	40	1	—	1	—	—
New Mexico	67	4,886	50	—	5	1	1	—
Utah	194	2,886	56	—	9	6	1	1
Wyoming	29	448	10	—	1	—	1	—
Pacific	3,295	101,874	223	1	13	9	67	21
Alaska	76	2,213	32	1	10	2	—	1
California	2,603	80,301	46	—	—	—	46	5
Hawaii	44	1,494	35	—	—	—	5	15
Oregon	284	6,130	94	—	3	7	—	N
Washington	288	11,736	16	—	—	—	16	N
Territories	48	881	7	—	—	—	—	—
American Samoa	—	9	—	—	—	—	—	—
Commonwealth of Northern Mariana Islands	—	21	—	—	—	—	—	—
Guam	1	305	7	—	—	—	—	—
Puerto Rico	47	499	—	—	—	—	—	—
U.S. Virgin Islands	—	47	—	—	—	—	—	—

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

N: Not reportable — The disease or condition was not reportable by law, statute, or regulation in the reporting jurisdiction.

U: Unavailable — The data are unavailable.

* The 2019 annual tables exclude cases of nationally notifiable conditions and diseases among non-U.S. residents. As a result, data in Table 2 does not include a "Non-U.S. Resident" or "Total" row, that would have been included in the table had the data been stratified into the following four categories, based upon the "country of usual residence" (COUR) algorithm: U.S. Residents, excluding U.S. Territories; U.S. Territories; Non-US. Residents; and Total. Table 2 for the 2019 annual tables only includes the first two of these stratification categories.

† To calculate rates, use the populations provided in Table 8. Note that calculation of rates for the following conditions use population subsets presented in Table 8: Zika virus infection, congenital; Zika virus disease, congenital; Infant botulism; Congenital rubella syndrome; Perinatal Hepatitis B infection, Perinatal Hepatitis C infection, *Haemophilus influenzae*, invasive disease and Invasive pneumococcal disease, and Influenza associated pediatric mortality; see Table 8 (population reference table). Also see notes 3 and 7.

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 2019 and their national surveillance case definitions are available by navigating to the [Surveillance Case Definitions | CDC](#) web page, selecting "2019" 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 2018 by CSTE for national surveillance that were implemented in January 2019. *Candida auris*, clinical became a new national notifiable condition, and revised case definitions were implemented for the following conditions: diphtheria, acute hepatitis A, listeriosis, yellow fever, *Salmonella* Paratyphi infection and *Salmonella* Typhi infection. *Salmonella* Paratyphi infection and *Salmonella* Typhi infection replaced Paratyphoid fever and Typhoid fever, respectively, as national notifiable conditions. Salmonellosis (excluding *S. Typhi* infection and *S. Paratyphi* infection) replaced Salmonellosis (excluding paratyphoid fever and typhoid fever) as a national notifiable condition. In addition, Carbapenemase Producing Carbapenem-Resistant Enterobacteriaceae (CP-CRE) represents a consolidation of CP-CRE species *Klebsiella* spp, CP-CRE *E. coli*, and CP-CRE *Enterobacter* spp. Publication criteria for the finalized 2019 data are available at https://wonder.cdc.gov/nndss/documents/2019_NNDSS_Publication_Criteria_01212021.pdf. See also [Guide to Interpreting Provisional and Finalized NNDSS Data](#).
- Population estimates for incidence rates are July 1st, 2019, estimates obtained from the National Center for Health Statistics (NCHS) postcensal estimates of the resident population of the United States for April 1, 2010, to July 1, 2019, 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 2019), prepared under a collaborative arrangement with the U.S. Census Bureau. Population estimates for states released July 9, 2020, are available at https://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm. Population estimates for territories are the 2019 mid-year estimates from the U.S. Census Bureau International Data Base, accessed on August 6, 2020, at https://www.census.gov/data-tools/demo/idb/#/country?YR_ANIM=2021. 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 *Morbidity and Mortality Weekly Report*.

6. NNDSS annual tables since 1952 are available at [CDC Stacks](#) (once in CDC Stacks, select "Annual Reports" in the "Genre" box to the left).
7. For most conditions, national incidence rates are calculated as the number of reported cases for each infectious disease or condition divided by the U.S. resident population for the specified demographic population or the total U.S. resident population, multiplied by 100,000. When a national notifiable infectious condition is associated with a specific age restriction, the same restriction was applied to the population in the denominator of the incidence rate calculation. In addition, population data from reporting jurisdictions in which the disease or condition was not reportable or not available were excluded from the denominator of the incidence rate calculations.

Age restrictions in the numerator and denominator are applied for the following childhood conditions:

- Zika virus disease, congenital (age restriction in numerator and denominator is <1 year)
- Zika virus infection, congenital (age restriction in numerator and denominator is <1 year)
- Haemophilus influenzae*, invasive disease <5 years (age restriction in numerator and denominator is <5 years)
- Invasive pneumococcal disease <5 years (age restriction in numerator and denominator is <5 years)
- Influenza associated pediatric mortality (age restriction in numerator and denominator is <18 years)
- Infant botulism (age restriction in numerator and denominator is <1 year)
- Congenital rubella syndrome (age restriction in numerator and denominator is <1 year)
- Perinatal Hepatitis B infection (age restriction in numerator is ≤24 months, denominator is <24 months)
- Perinatal Hepatitis C infection (age restriction in numerator is ≤36 months, denominator is <36 months).

Data for congenital syphilis are aggregated by the infant's year of birth. The rate for congenital syphilis is based upon the number of reported cases per 100,000 live births, using natality data for 2019 (National Center for Health Statistics [Natality 2019](#), as compiled from data provided by the Vital Statistics Cooperative Program). The mother's race and ethnicity are used for race- and ethnicity-specific rates of congenital syphilis cases. Congenital syphilis data are published in Syphilis Statistics in the sexually transmitted diseases (STD) surveillance report (<https://www.cdc.gov/std/syphilis/stats.htm>) and in the historical archives of the STD surveillance report (<https://www.cdc.gov/std/stats/archive.htm>). The STD surveillance report (<https://www.cdc.gov/std/syphilis/stats.htm>) updates congenital syphilis cases and rates over time.

8. Surveillance data reported by other CDC programs might vary from data reported in these tables because of differences in 1) the date used to aggregate the data, 2) the timing of reports, 3) the source of the data, 4) surveillance case definitions, and 5) policies regarding case jurisdiction (i.e., which jurisdiction should submit the case notification to CDC).
9. The following 24 jurisdictions may have incomplete data, due to the coronavirus disease 2019 (COVID-19) pandemic: Alaska, California, Connecticut, Delaware, District of Columbia, Florida, Idaho, Indiana, Kansas, Massachusetts, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New York (excluding New York City), New York City, North Dakota, Ohio, Oklahoma, South Carolina, Tennessee, Texas, and West Virginia. In addition, the following 2 U.S. Territories may have incomplete data due to the COVID-19 pandemic: American Samoa and the U.S. Virgin Islands.

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- Centers for Disease Control and Prevention. National Notifiable Diseases Surveillance System, 2019 Annual Tables of Infectious Disease Data. Atlanta, GA. CDC Division of Health Informatics and Surveillance, 2021. Available at: <https://www.cdc.gov/nndss/data-statistics/infectious-tables/index.html>.

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National Notifiable Diseases Surveillance System

Provided by [CDC WONDER](#)