

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

TABLE 2h. 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-table2h.html>)

Reporting Area	Hantavirus infection, non-hantavirus pulmonary syndrome [§]	Hantavirus pulmonary syndrome	Hemolytic uremic syndrome post-diarrheal	Hepatitis [¶]					
				A, acute	B, acute	B, perinatal infection	C, acute		C, perinatal infection
							Confirmed	Probable	
U.S. Residents, excluding U.S. Territories	3	18	392	18,846	3,544	19	4,136	1,343	217
New England	—	1	4	593	112	1	237	53	18
Connecticut	N	N	1	17	3	—	7	—	—
Maine	—	—	1	45	58	1	43	16	4
Massachusetts	—	—	1	204	37	—	161	7	14
New Hampshire	—	1	1	309	5	—	20	30	—
Rhode Island	—	—	—	6	U	U	U	U	U
Vermont	—	—	—	12	9	—	6	—	—
Middle Atlantic	—	—	20	1,697	256	4	615	62	32
New Jersey	—	—	—	610	78	—	99	4	11
New York (excluding New York City)	—	—	6	290	51	—	226	27	—
New York City	—	—	3	101	36	2	80	26	1
Pennsylvania	—	—	11	696	91	2	210	5	20
East North Central	—	1	35	3,486	598	—	991	258	76
Illinois	—	1	8	185	45	—	156	8	10
Indiana	—	—	5	1,398	170	—	325	62	14
Michigan	—	—	8	70	64	—	117	14	11
Ohio	—	—	5	1,802	311	—	281	170	41
Wisconsin	—	—	9	31	8	—	112	4	—
West North Central	1	2	54	481	90	—	164	5	9
Iowa	—	—	7	9	25	—	10	—	—
Kansas	N	—	9	10	11	—	19	2	2
Minnesota	—	—	11	76	16	—	62	—	5
Missouri	N	—	15	359	33	—	41	—	—
Nebraska	—	—	3	15	—	—	4	—	—
North Dakota	—	—	4	4	—	—	—	—	—
South Dakota	1	2	5	8	5	—	28	3	2
South Atlantic	1	1	36	5,967	1,294	5	1,018	346	39
Delaware	—	—	—	36	12	—	U	U	U
District of Columbia	N	—	—	15	U	U	U	U	—
Florida	—	—	4	3,392	759	1	616	208	20
Georgia	—	—	10	844	114	—	61	22	5
Maryland	1	1	3	88	41	—	33	6	—
North Carolina	—	—	6	154	189	2	150	37	—
South Carolina	—	—	—	662	46	—	9	20	2
Virginia	N	—	10	309	57	2	70	28	12
West Virginia	—	—	3	467	76	—	79	25	—
East South Central	—	—	39	3,848	650	5	417	442	16
Alabama	N	—	6	242	75	2	87	16	—
Kentucky	—	—	18	1,318	188	—	128	118	—
Mississippi	—	—	—	128	49	2	U	U	—
Tennessee	—	—	15	2,160	338	1	202	308	16
West South Central	—	1	39	1,062	212	—	147	56	3
Arkansas	N	—	8	203	39	—	58	16	3
Louisiana	—	—	2	687	73	—	8	—	—

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Reporting Area	Hantavirus infection, non-hantavirus pulmonary syndrome [§]	Hantavirus pulmonary syndrome	Hemolytic uremic syndrome post-diarrheal	Hepatitis [¶]					
				A, acute	B, acute	B, perinatal infection	C, acute		C, perinatal infection
							Confirmed	Probable	
Oklahoma	N	1	8	13	31	—	23	14	—
Texas	—	—	21	159	69	—	58	26	N
Mountain	—	8	33	1,245	134	—	236	70	4
Arizona	—	—	7	584	49	—	U	U	—
Colorado	—	1	13	333	17	—	45	11	1
Idaho	N	1	4	75	7	—	17	3	—
Montana	—	—	—	15	1	—	17	2	—
Nevada	—	2	—	102	23	—	15	12	1
New Mexico	—	3	1	104	5	—	10	4	—
Utah	—	1	8	20	29	—	127	38	2
Wyoming	—	—	—	12	3	—	5	—	—
Pacific	1	4	132	467	198	4	311	51	20
Alaska	—	—	1	2	6	—	N	N	2
California	1	3	124	256	111	4	200	10	15
Hawaii	—	—	—	1	1	—	7	9	—
Oregon	—	—	7	27	28	—	23	13	—
Washington	N	1	N	181	52	—	81	19	3
U.S. Territories	—	—	—	278	5	—	—	—	—
American Samoa	—	N	N	—	—	—	—	—	—
Commonwealth of Northern Mariana Islands	—	—	—	—	—	—	—	—	—
Guam	—	N	—	226	—	—	—	—	—
Puerto Rico	—	—	N	52	5	—	N	N	—
U.S. Virgin Islands	—	—	—	—	—	—	—	—	—

—: 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-U.S. 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.

§ Includes data for old world hantavirus infections, such as Seoul virus and Puumala virus infections.

¶ 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/SurveillanceRpts.htm>.

Notes:

1. 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.
2. 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](#).

3. 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.
4. Annual tables for 2016 and later years are available on [CDC WONDER](#).
5. 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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National Notifiable Diseases Surveillance System

Provided by [CDC WONDER](#)