

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

TABLE 2e. Annual reported cases* of notifiable diseases, by region and reporting area, United States, U.S. Territories, and Non-U.S. Residents, 2021[†]

(Accessible Version: <https://wonder.cdc.gov/nndss/static/2021/annual/2021-table2e.html>)

Reporting Area	Cholera	Coccidioidomycosis	Coronavirus Disease 2019 (COVID-19)			Cryptosporidiosis			Cyclosporiasis
			Total	Confirmed	Probable [§]	Total	Confirmed	Probable	
U.S. Residents, excluding U.S. Territories	5	20,201	36,096,494	29,076,268	7,020,226	9,155	7,191	1,964	2,424
New England	1	4	1,657,645	1,413,254	244,391	408	236	172	75
Connecticut	1	N	379,698	335,419	44,279	71	22	49	27
Maine	—	N	129,555	92,080	37,475	59	40	19	2
Massachusetts	—	N	789,146	725,479	63,667	137	124	13	37
New Hampshire	—	3	159,450	103,165	56,285	59	9	50	5
Rhode Island	—	1	140,820	100,252	40,568	34	34	—	4
Vermont	—	N	58,976	56,859	2,117	48	7	41	—
Middle Atlantic	2	—	5,287,985	4,591,100	696,885	1,214	1,063	151	328
New Jersey	—	N	1,177,276	996,567	180,709	165	139	26	81
New York (excluding New York City)	1	N	1,401,007	1,401,007	0	439	428	11	132
New York City	1	N	1,295,753	1,064,595	231,158	277	277	—	115
Pennsylvania	—	N	1,413,949	1,128,931	285,018	333	219	114	N
East North Central	—	105	5,515,789	4,359,616	1,156,173	1,786	1,400	386	370
Illinois	—	N	1,548,564	1,234,151	314,413	304	247	57	132
Indiana	—	4	747,617	526,784	220,833	212	196	16	17
Michigan	—	57	1,228,568	1,062,976	165,592	250	184	66	53
Ohio	—	16	1,357,105	991,964	365,141	398	314	84	70
Wisconsin	—	28	633,935	543,741	90,194	622	459	163	98
West North Central	—	204	2,143,824	1,613,135	530,689	1,454	1,170	284	361
Iowa	—	N	279,675	204,533	75,142	437	355	82	88
Kansas	—	18	302,547	218,213	84,334	104	93	11	69
Minnesota	—	121	639,161	526,968	112,193	429	374	55	66
Missouri	—	27	582,110	432,989	149,121	226	213	13	82
Nebraska	—	22	176,207	113,963	62,244	96	84	12	31
North Dakota	—	10	82,605	54,185	28,420	35	9	26	9
South Dakota	—	6	81,519	62,284	19,235	127	42	85	16
South Atlantic	—	4	7,863,787	5,959,048	1,904,739	1,367	1,023	344	550
Delaware	—	—	128,735	115,457	13,278	23	17	6	5
District of Columbia	—	N	66,949	64,217	2,732	5	5	—	—
Florida	—	N	2,957,529	2,238,984	718,545	343	208	135	252
Georgia	—	N	1,185,323	871,814	313,509	265	227	38	67
Maryland	—	4	660,288	518,359	141,929	94	94	—	47
North Carolina	—	N	1,153,937	929,647	224,290	262	223	39	108
South Carolina	—	N	672,094	501,001	171,093	87	82	5	27
Virginia	—	N	791,062	528,799	262,263	220	116	104	35
West Virginia	—	N	247,870	190,770	57,100	68	51	17	9
East South Central	—	25	2,320,973	1,523,587	797,386	637	534	103	82
Alabama	—	13	538,910	367,711	171,199	124	82	42	6
Kentucky	—	12	613,171	404,557	208,614	228	181	47	29
Mississippi	—	N	346,313	169,353	176,960	65	64	1	N
Tennessee	—	N	822,579	581,966	240,613	220	207	13	47
West South Central	—	25	4,214,591	3,158,295	1,056,296	743	632	111	375
Arkansas	—	7	340,623	224,956	115,667	67	64	3	15
Louisiana	—	18	577,506	412,264	165,242	131	71	60	48
Oklahoma	—	N	402,126	276,197	125,929	101	99	2	N

TABLE 2e. Annual reported cases* of notifiable diseases, by region and reporting area, United States, U.S. Territories, and Non-U.S. Residents, 2021[†]

(Accessible Version: <https://wonder.cdc.gov/nndss/static/2021/annual/2021-table2e.html>)

Reporting Area	Cholera	Coccidioidomycosis	Coronavirus Disease 2019 (COVID-19)			Cryptosporidiosis			Cyclosporiasis
			Total	Confirmed	Probable [§]	Total	Confirmed	Probable	
Texas	—	N	2,894,336	2,244,878	649,458	444	398	46	312
Mountain	—	11,769	2,685,511	2,394,810	290,701	701	451	250	184
Arizona	—	11,489	827,573	719,016	108,557	110	79	31	21
Colorado	—	N	626,308	561,557	64,751	214	125	89	123
Idaho	—	N	182,004	139,612	42,392	80	67	13	N
Montana	—	22	117,396	87,555	29,841	56	52	4	4
Nevada	—	189	290,144	263,133	27,011	23	16	7	N
New Mexico	—	12	207,733	207,491	242	67	48	19	9
Utah	—	57	363,541	363,120	421	137	53	84	24
Wyoming	—	—	70,812	53,326	17,486	14	11	3	3
Pacific	2	8,065	4,406,389	4,063,423	342,966	845	682	163	99
Alaska	—	N	107,925	100,478	7,447	19	15	4	—
California	2	8,058	3,251,617	3,032,549	219,068	527	432	95	66
Hawaii	—	N	100,808	89,668	11,140	8	8	—	—
Oregon	—	7	310,682	300,114	10,568	124	69	55	14
Washington	—	N	635,357	540,614	94,743	167	158	9	19
U.S. Territories	—	1	260,605	155,493	105,112	1	1	—	1
American Samoa	—	N	—	—	—	N	N	N	N
Commonwealth of Northern Mariana Islands	—	—	2,994	2,950	44	—	—	—	—
Guam	—	1	12,337	8,242	4,095	—	—	—	—
Puerto Rico	—	N	236,760	135,787	100,973	1	1	—	1
U.S. Virgin Islands	—	—	8,514	8,514	—	—	—	—	—
Non-U.S. Residents	—	2	—	—	—	1	—	1	1
Total	5	20,204	36,357,099	29,231,761	7,125,338	9,157	7,192	1,965	2,426

—: 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.

* Cases are assigned to the reporting jurisdiction submitting the case to NNDSS if the case's country of usual residence is the United States, a U.S. territory, unknown, or country is not reported; otherwise, the case is assigned to the Non-U.S. Residents' category. Country of usual residence is currently not reported by all jurisdictions or for all conditions because this data element is only available in the HL7 generic version 2 and disease-specific message mapping guides. If a jurisdiction sends data in legacy formats, they are not able to send this information. For further information on interpretation of these data, see <https://www.cdc.gov/nndss/data-statistics/readers-guides/>.

† To calculate rates, use the populations provided in Table 8. Note that calculation of rates for the following conditions uses population subgroups as described in note #7 and population counts 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; Invasive pneumococcal disease; and Influenza-associated pediatric mortality. Also see Notes #3 and #7.

§ Of the reporting areas that submitted 2021 aggregate COVID-19 data to CDC, two did not submit probable cases. New York (excluding New York City) and U.S. Virgin Islands did not collect probable cases.

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. Source datasets for the 2021 annual tables were officially closed on March 29, 2023.
2. The list of national notifiable Infectious diseases and conditions for 2021 and their national surveillance case definitions are available by navigating to the [Surveillance Case Definitions | CDC](#) web page, selecting "2021" for the notifiable condition list year, checking "Infectious" conditions, and clicking "Get Notifiable List by Year". CSTE adopted the first coronavirus disease 2019 (COVID-19) national surveillance case definition on April 5, 2020, and they approved a revision to the COVID-19 national surveillance case definition, effective August 5, 2020. On June 17, 2021, a revision to the COVID-19 national surveillance case definition was approved, effective September 1, 2021. Publication criteria for the finalized 2021 data are available at https://wonder.cdc.gov/nndss/documents/2021_NNDSS_Publication_Criteria_03162022.pdf. See also [Guide to Interpreting Provisional and Finalized NNDSS Data](#).
3. Population estimates for incidence rates are July 1st, 2020, 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, 2020, 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 2020), prepared under a collaborative arrangement with the U.S. Census Bureau. Population estimates for states released September 22, 2021, are available at https://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm. Population estimates for territories are the 2020 mid-year estimates

from the U.S. Census Bureau International Data Base, accessed on March 15, 2022, at https://www.census.gov/data-tools/demo/idb/#/country?YR_ANIM=2022. 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 and denominator is ≤24 months)
- Perinatal hepatitis C infection (age restriction in numerator and 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 2021 (National Center for Health Statistics [Natality 2021](#), as compiled from data provided by the Vital Statistics Cooperative Program). Congenital syphilis cases are usually assigned to the mother's state of residence at the time of delivery. The mother's race and ethnicity are used for race- and ethnicity-specific rates of congenital syphilis cases.

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. Disease data presented in the 2021 tables reflect impacts of the COVID-19 pandemic, such as changes in exposure-related behavior, healthcare-seeking behavior, disease reporting, and public health investigations.

Suggested Citation:

- Centers for Disease Control and Prevention. National Notifiable Diseases Surveillance System, 2021 Annual Tables of Infectious Disease Data. Atlanta, GA. CDC Office of Public Health Data, Surveillance, and Technology, 2024. Available at: <https://www.cdc.gov/nndss/data-statistics/infectious-tables/index.html>.

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- CDC acknowledges the local, state, and territorial health departments that collected the data from a range of case ascertainment sources (e.g., healthcare providers, hospitals, laboratories) and reported these data to CDC's National Notifiable Diseases Surveillance System.

National Notifiable Diseases Surveillance System

Provided by [CDC WONDER](#)