

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, U.S. Territories, and Non-U.S. Residents, 2022†
 (Accessible Version: <https://wonder.cdc.gov/nndss/static/2022/annual/2022-table2g.html>)

Reporting Area	Giardiasis	Gonorrhea	<i>Haemophilus influenzae</i> , invasive disease					Hansen's disease
			All ages, all serotypes	Age <5 years			Unknown serotype	
				Serotype b	Non-b serotype	Nontypeable		
U.S. Residents, excluding U.S. Territories	13,819	648,010	5,336	17	140	254	273	62
New England	1,034	17,086	239	1	6	15	4	1
Connecticut	182	4,979	54	—	2	—	—	—
Maine	99	621	30	—	—	2	—	N
Massachusetts	611	9,206	111	1	2	9	2	—
New Hampshire	83	662	27	—	2	—	1	1
Rhode Island	59	1,444	8	—	—	2	1	—
Vermont	N	174	9	—	—	2	—	N
Middle Atlantic	2,802	71,543	719	5	13	28	25	9
New Jersey	357	9,330	138	—	—	—	13	1
New York (excluding New York City)	898	14,061	185	2	2	14	3	N
New York City	958	29,301	139	1	9	1	4	5
Pennsylvania	589	18,851	257	2	2	13	5	3
East North Central	1,480	86,923	1,091	4	35	46	30	6
Illinois	N	26,442	270	2	3	15	4	—
Indiana	169	12,396	195	1	13	7	3	2
Michigan	398	16,378	247	—	4	2	17	2
Ohio	495	22,969	270	1	11	19	5	2
Wisconsin	418	8,738	109	—	4	3	1	—
West North Central	1,125	39,877	374	1	6	2	40	3
Iowa	169	4,466	1	—	—	1	—	2
Kansas	118	4,997	55	—	3	1	—	1
Minnesota	472	8,152	122	—	—	—	15	—
Missouri	190	15,209	126	—	—	—	20	—
Nebraska	85	2,560	33	—	—	—	3	—
North Dakota	27	1,426	12	—	—	—	2	N
South Dakota	64	3,067	25	1	3	—	—	—
South Atlantic	2,437	149,098	1,268	1	9	39	82	10
Delaware	29	1,464	25	—	—	—	2	—
District of Columbia	—	4,925	10	—	—	—	1	—
Florida	1,178	44,333	340	—	2	19	16	8
Georgia	549	31,450	231	1	4	—	26	1
Maryland	188	11,164	110	—	1	1	8	1
North Carolina	N	26,715	218	—	1	11	5	—
South Carolina	131	14,352	117	—	—	—	12	—
Virginia	270	13,437	160	—	—	6	10	—
West Virginia	92	1,258	57	—	1	2	2	N
East South Central	302	47,057	392	—	19	17	30	3
Alabama	162	13,274	137	—	6	8	14	—
Kentucky	140	6,781	62	—	—	—	11	1
Mississippi	N	10,933	58	—	9	—	2	—
Tennessee	N	16,069	135	—	4	9	3	2
West South Central	333	92,780	675	1	27	61	24	15
Arkansas	117	6,792	79	—	1	7	4	—
Louisiana	216	15,015	88	—	—	4	8	1
Oklahoma	N	8,974	115	—	4	10	3	N
Texas	N	61,999	393	1	22	40	9	14
Mountain	1,188	42,713	392	1	6	14	17	4
Arizona	113	16,490	124	1	1	6	—	3

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

Territories, and Non-U.S. Residents, 2022[†]

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Reporting Area	Giardiasis	Gonorrhea	<i>Haemophilus influenzae</i> , invasive disease					Hansen's disease
			All ages, all serotypes	Age <5 years			Unknown serotype	
				Serotype b	Non-b serotype	Nontypeable		
Colorado	511	8,784	104	—	3	7	1	—
Idaho	133	1,098	29	—	1	—	2	—
Montana	65	1,311	18	—	—	1	2	—
Nevada	69	7,392	36	—	—	—	3	1
New Mexico	66	4,157	41	—	1	—	2	—
Utah	188	3,171	39	—	—	—	7	—
Wyoming	43	310	1	—	—	—	—	—
Pacific	3,118	100,933	186	3	19	32	21	11
Alaska	97	2,304	36	1	9	1	—	—
California	2,390	80,257	39	2	3	16	18	5
Hawaii	26	1,478	19	—	—	—	3	6
Oregon	329	5,494	75	—	2	3	—	N
Washington	276	11,400	17	—	5	12	—	N
U.S. Territories	14	1,475	1	—	—	—	—	3
American Samoa	—	15	—	—	—	—	—	—
Commonwealth of Northern Mariana Islands	—	17	—	—	—	—	—	—
Guam	—	329	—	—	—	—	—	3
Puerto Rico	11	1,070	1	—	—	—	—	—
U.S. Virgin Islands	3	44	—	—	—	—	—	—
Non-U.S. Residents	4	46	—	—	—	—	—	—
Total	13,837	649,531	5,337	17	140	254	273	65

—: 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.

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 2022 annual tables were officially closed on March 29, 2024.
2. The list of national notifiable Infectious diseases and conditions for 2022 and their national surveillance case definitions are available by navigating to the [Surveillance Case Definitions | CDC](#) web page, selecting "2022" for the notifiable condition list year, checking "Infectious" conditions, and clicking "Get Notifiable List by Year". Publication criteria for the finalized 2022 data are available at https://wonder.cdc.gov/nndss/documents/NNDSS_Publication_Criteria_2022.pdf. See also [Guide to Interpreting Provisional and Finalized NNDSS Data](#).
3. Population estimates for incidence rates are July 1st, 2022 postcensal estimates of the resident population of the United States for July 1, 2020, to July 1, 2022, by year, county, single year of age (range: 0 to 85+ years), bridged-race (American Indian or Alaska Native, Asian or Pacific Islander, Black or African American, White), Hispanic ethnicity (Hispanic or Latino, not Hispanic or Latino), and sex (Female, Male), prepared under a collaborative arrangement with the U.S. Census Bureau and the National Cancer Institute (NCI). The "Vintage 2022" population estimates for years 2020-2022 were released March 2024 by the National Cancer Institute at <https://seer.cancer.gov/popdata/>. For more information, see <https://seer.cancer.gov/popdata/singleages.html> Population estimates for territories are the 2022 mid-year estimates from the U.S. Census Bureau International Data Base, accessed on May 02, 2024, 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](#). To find them, search for "NNDSS" under Collections. Once in NNDSS Collections, navigate to the "Genre" box on the left-hand side and select "Annual Reports".

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 is ≤24 months)
- Perinatal hepatitis C infection (age restriction 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 2022 (National Center for Health Statistics [Natality 2022](#), 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 2022 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, 2022 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>.

Acknowledgment:

- 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](#)