

Table 10. Selected nationally notifiable disease rates and number of new cases: United States, selected years 1950–2018

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2019.htm#Table-010>

[Data are based on reporting by state health departments]

Disease	1950	1960	1970	1980	1990	2000	2010	2017	2018
New cases per 100,000 population									
Acute hepatitis A viral infection	---	---	27.87	12.84	12.64	4.91	0.54	1.03	3.81
Acute hepatitis B viral infection	---	---	4.08	8.39	8.48	2.95	1.10	1.05	1.02
Acute hepatitis C viral infection ¹	---	---	---	---	1.03	1.17	0.29	1.36	1.54
Diphtheria	3.83	0.51	0.21	0.00	0.00	0.00	–	–	0.00
<i>Haemophilus influenzae</i> , invasive	---	---	---	---	---	0.51	1.03	1.70	1.70
Lyme disease ²	---	---	---	---	---	---	9.86	13.18	10.34
Measles (Rubeola)	211.01	245.42	23.23	5.96	11.17	0.03	0.02	0.04	0.11
Meningococcal disease	---	---	1.23	1.25	0.99	0.83	0.27	0.11	0.10
Mumps	---	---	55.55	3.86	2.17	0.13	0.85	1.88	0.77
Pertussis (whooping cough)	79.82	8.23	2.08	0.76	1.84	2.88	8.97	5.83	4.77
Poliomyelitis, paralytic ³	---	1.40	0.02	0.00	0.00	–	–	–	–
Rubella (German measles)	---	---	27.75	1.72	0.45	0.06	0.00	0.00	0.00
Salmonellosis, excluding typhoid fever	---	3.85	10.84	14.88	19.54	14.51	17.73	16.67	18.64
Shigellosis	15.45	6.94	6.79	8.41	10.89	8.41	4.82	4.58	4.99
Spotted fever rickettsiosis ⁴	---	---	0.19	0.52	0.26	0.18	0.65	1.93	1.71
Tuberculosis ⁵	---	30.83	18.28	12.25	10.33	6.01	3.64	2.80	2.76
Sexually transmitted diseases ⁶ :									
Syphilis ⁷	146.02	68.78	44.80	30.30	54.32	11.20	14.85	31.19	35.32
Primary and secondary	16.73	9.06	10.80	12.00	20.26	2.12	4.46	9.41	10.76
Early, nonprimary and nonsecondary	39.71	10.11	8.00	8.90	22.19	3.35	4.41	10.44	11.83
Unknown or late	70.22	45.91	24.70	9.20	10.32	5.53	5.86	11.05	12.32
Congenital ⁸	368.30	103.70	52.30	7.70	92.95	14.29	9.68	23.70	33.10
Chlamydia ⁹	---	---	---	---	160.19	251.38	423.62	524.55	539.93
Gonorrhea ¹⁰	192.50	145.40	294.20	442.10	276.43	128.67	100.19	170.58	179.11
Chancroid	3.34	0.94	0.70	0.30	1.69	0.03	0.01	0.00	0.00
Number of new cases									
Acute hepatitis A viral infection	---	---	56,797	29,087	31,441	13,397	1,670	3,365	12,474
Acute hepatitis B viral infection	---	---	8,310	19,015	21,102	8,036	3,374	3,409	3,322
Acute hepatitis C viral infection ¹	---	---	---	---	2,553	3,197	849	4,225	4,768
Diphtheria	5,796	918	435	3	4	1	–	–	1
<i>Haemophilus influenzae</i> , invasive	---	---	---	---	---	1,398	3,151	5,548	5,573
Lyme disease ²	---	---	---	---	---	---	30,158	42,743	33,666
Measles (Rubeola)	319,124	441,703	47,351	13,506	27,786	86	63	120	375
Meningococcal disease	---	---	2,505	2,840	2,451	2,256	833	353	327
Mumps	---	---	104,953	8,576	5,292	338	2,612	6,109	2,515
Pertussis (whooping cough)	120,718	14,809	4,249	1,730	4,570	7,867	27,550	18,975	15,609
Poliomyelitis, paralytic ³	---	2,525	31	4	6	–	–	–	–
Rubella (German measles)	---	---	56,552	3,904	1,125	176	5	7	4
Salmonellosis, excluding typhoid fever	---	6,929	22,096	33,715	48,603	39,574	54,424	54,285	60,999
Shigellosis	23,367	12,487	13,845	19,041	27,077	22,922	14,786	14,912	16,333
Spotted fever rickettsiosis ⁴	464	---	380	1,163	651	495	1,985	6,248	5,544
Tuberculosis ⁵	---	55,494	37,137	27,749	25,701	16,377	11,182	9,105	9,025
Sexually transmitted diseases ⁶ :									
Syphilis ⁷	217,558	122,538	91,382	68,832	135,590	31,618	45,844	101,584	115,045
Primary and secondary	23,939	16,145	21,982	27,204	50,578	5,979	13,774	30,644	35,063
Early, nonprimary and nonsecondary	59,256	18,017	16,311	20,297	55,397	9,465	13,604	34,013	38,539
Unknown or late	113,569	81,798	50,348	20,979	25,750	15,594	18,079	35,992	40,137
Congenital ⁸	13,377	4,416	1,953	277	3,865	580	387	935	1,306
Chlamydia ⁹	---	---	---	---	323,663	709,452	1,307,893	1,708,569	1,758,668
Gonorrhea ¹⁰	286,746	258,933	600,072	1,004,029	690,042	363,136	309,341	555,608	583,405
Chancroid	4,977	1,680	1,416	788	4,212	78	24	7	3

See footnotes at end of table.

Table 10. Selected nationally notifiable disease rates and number of new cases: United States, selected years 1950–2018—Con.

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[Data are based on reporting by state health departments]

-- Data not available.

0.00 Quantity more than zero but less than 0.05.

– Quantity zero.

¹Anti-HCV antibody test became available in May 1990. Total number of cases in 2018 is based on 45 reporting jurisdictions.

²Not nationally notifiable before 1991. National surveillance case definition was revised in 2008, 2011, and 2017, and probable cases were not reported before 2008.

³Case findings confirmed by an expert panel that reviews all paralytic poliomyelitis cases and laboratory tests.

⁴Before 2010 data, cases of spotted fever rickettsiosis were reported as Rocky Mountain spotted fever (RMSF). Because serologic tests commonly used to diagnose RMSF are cross-reactive with spotted fever rickettsial pathogens, some cases reported as RMSF may be disease caused by other spotted fever rickettsial infections. For that reason, since 2010, the term spotted fever rickettsiosis is used. Data include confirmed and probable cases.

⁵Case reporting began in 1953. Data before 1975 are not comparable with subsequent years because of changes in reporting criteria effective in 1975.

⁶In 1950, cases for persons in Alaska and Hawaii were excluded. Starting with 1991, data include both civilian and military cases. Cases and rates shown do not include U.S. territories of Guam, Puerto Rico, Northern Mariana Islands, American Samoa, and U.S. Virgin Islands.

⁷Includes stage of syphilis not stated.

⁸Rates include all cases of congenitally acquired syphilis per 100,000 live births. Cases of congenitally acquired syphilis were reported through 1994. Starting with 1995 data, only congenital syphilis cases for those under age 1 year were reported.

⁹Before 1994, chlamydia was not notifiable. In 1994–1999, cases for New York were exclusively reported by New York City. Starting with 2000 data, cases for New York include the entire state.

¹⁰Data for 1994 do not include cases from Georgia.

NOTES: The total resident population was used to calculate all rates except for sexually transmitted disease (STD) rates before 1991; STD rates before 1991 used the civilian population. See Appendix I, Sexually Transmitted Disease (STD) Surveillance; Population Census and Population Estimates. Population data from states where diseases were not notifiable or not available are excluded from rate calculations because data availability is dependent on the reporting rules for each disease; see Appendix II, Notifiable disease. For information on underreporting of notifiable diseases, see Appendix I, National Notifiable Disease Surveillance System (NNDSS). Data for additional years are available in the Excel spreadsheet version of this table on the *Health, United States* website at: <https://www.cdc.gov/nchs/hus/index.htm>. Data have been revised and differ from previous editions of *Health, United States*.

SOURCE: CDC, Deputy Director for Public Health Science and Surveillance; Center for Surveillance, Epidemiology and Laboratory Services; Division of Health Informatics and Surveillance. Available from: https://www.cdc.gov/mmwr/mmwr_nd/index.html; CDC, National Notifiable Diseases Surveillance System. 2018 annual tables of infectious disease data. 2018. Available from: https://wonder.cdc.gov/nndss/nndss_annual_tables_menu.asp; and National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. Sexually transmitted disease surveillance 2018. 2019. Available from: <https://www.cdc.gov/std/stats18/tables.htm>. See Appendix I, National Notifiable Diseases Surveillance System (NNDSS); Sexually Transmitted Disease (STD) Surveillance.