

**Table 10. Selected nationally notifiable disease rates and number of new cases: United States, selected years 1950–2017**

Excel version (with more data years and standard errors when available): [https://www.cdc.gov/nchs/hus/contents2018.htm#Table\\_010](https://www.cdc.gov/nchs/hus/contents2018.htm#Table_010).

[Data are based on reporting by state health departments]

Disease	1950	1960	1970	1980	1990	2000	2010	2016	2017
	New cases per 100,000 population								
Acute hepatitis A viral infection	---	---	27.87	12.84	12.64	4.91	0.54	0.62	1.03
Acute hepatitis B viral infection	---	---	4.08	8.39	8.48	2.95	1.10	1.00	1.05
Acute hepatitis C viral infection <sup>1</sup>	---	---	---	---	1.03	1.17	0.29	0.97	1.36
Diphtheria	3.83	0.51	0.21	0.00	0.00	0.00	—	—	—
<i>Haemophilus influenzae</i> , invasive	---	---	---	---	---	0.51	1.03	1.51	1.70
Lyme disease <sup>2</sup>	---	---	---	---	---	---	9.86	11.32	13.18
Measles (Rubeola)	211.01	245.42	23.23	5.96	11.17	0.03	0.02	0.03	0.04
Meningococcal disease	---	---	1.23	1.25	0.99	0.83	0.27	0.12	0.11
Mumps	---	---	55.55	3.86	2.17	0.13	0.85	1.97	1.88
Pertussis (whooping cough)	79.82	8.23	2.08	0.76	1.84	2.88	8.97	5.56	5.83
Poliomyelitis, paralytic <sup>3</sup>	---	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	16.67
Shigellosis	15.45	6.94	6.79	8.41	10.89	8.41	4.82	6.53	4.58
Spotted fever rickettsiosis <sup>4</sup>	---	---	0.19	0.52	0.26	0.18	0.65	1.33	1.93
Tuberculosis <sup>5</sup>	---	30.83	18.28	12.25	10.33	6.01	3.64	2.87	2.80
Sexually transmitted diseases: <sup>6</sup>									
Syphilis <sup>7</sup>	146.02	68.78	44.80	30.30	54.32	11.20	14.85	27.25	31.43
Primary and secondary	16.73	9.06	10.80	12.00	20.26	2.12	4.46	8.61	9.48
Early latent	39.71	10.11	8.00	8.90	22.19	3.35	4.41	9.00	10.53
Late and late latent <sup>8</sup>	70.22	45.91	24.70	9.20	10.32	5.53	5.86	9.54	11.14
Congenital <sup>9</sup>	368.30	103.70	52.30	7.70	92.95	14.29	9.68	16.19	23.26
Chlamydia <sup>10</sup>	---	---	---	---	160.19	251.38	423.62	494.65	528.76
Gonorrhea <sup>11</sup>	192.50	145.40	294.20	442.10	276.43	128.67	100.19	144.99	171.95
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	2,007	3,365
Acute hepatitis B viral infection	---	---	8,310	19,015	21,102	8,036	3,374	3,218	3,409
Acute hepatitis C viral infection <sup>1</sup>	---	---	---	---	2,553	3,197	849	2,942	4,225
Diphtheria	5,796	918	435	3	4	1	—	—	—
<i>Haemophilus influenzae</i> , invasive	---	---	---	---	---	1,398	3,151	4,895	5,548
Lyme disease <sup>2</sup>	---	---	---	---	---	---	30,158	36,429	42,743
Measles (Rubeola)	319,124	441,703	47,351	13,506	27,786	86	63	85	120
Meningococcal disease	---	---	2,505	2,840	2,451	2,256	833	375	353
Mumps	---	---	104,953	8,576	5,292	338	2,612	6,369	6,109
Pertussis (whooping cough)	120,718	14,809	4,249	1,730	4,570	7,867	27,550	17,972	18,975
Poliomyelitis, paralytic <sup>3</sup>	---	2,525	31	4	6	—	—	—	—
Rubella (German measles)	---	---	56,552	3,904	1,125	176	5	1	7
Salmonellosis, excluding typhoid fever	---	6,929	22,096	33,715	48,603	39,574	54,424	53,850	54,285
Shigellosis	23,367	12,487	13,845	19,041	27,077	22,922	14,786	21,097	14,912
Spotted fever rickettsiosis <sup>4</sup>	464	---	380	1,163	651	495	1,985	4,269	6,248
Tuberculosis <sup>5</sup>	---	55,494	37,137	27,749	25,701	16,377	11,182	9,272	9,105

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[Data are based on reporting by state health departments]

Disease	1950	1960	1970	1980	1990	2000	2010	2016	2017
Sexually transmitted diseases: <sup>6</sup>	Number of new cases								
Syphilis <sup>7</sup>	217,558	122,538	91,382	68,832	135,590	31,618	45,844	88,053	101,567
Primary and secondary	23,939	16,145	21,982	27,204	50,578	5,979	13,774	27,814	30,644
Early latent	59,256	18,017	16,311	20,297	55,397	9,465	13,604	28,924	34,013
Late and late latent <sup>8</sup>	113,569	81,798	50,348	20,979	25,750	15,594	18,079	30,676	35,992
Congenital <sup>9</sup>	13,377	4,416	1,953	277	3,865	580	387	639	918
Chlamydia <sup>10</sup>	---	---	---	---	323,663	709,452	1,307,893	1,598,354	1,708,569
Gonorrhea <sup>11</sup>	286,746	258,933	600,072	1,004,029	690,042	363,136	309,341	468,514	555,608
Chancroid	4,977	1,680	1,416	788	4,212	78	24	7	7

--- Data not available.

0.00 Quantity more than zero but less than 0.05.

– Quantity zero.

<sup>1</sup>Anti-HCV antibody test became available May 1990. Total number of cases in 2017 reported from 47 reporting jurisdictions.

<sup>2</sup>Not nationally notifiable prior to 1991. National surveillance case definition revised in 2008; probable cases not reported previously.

<sup>3</sup>An expert panel reviews all paralytic poliomyelitis cases and laboratory tests to confirm case findings.

<sup>4</sup>Prior to 2010 data, cases of spotted fever rickettsiosis were reported as Rocky Mountain spotted fever (RMSF). Because serologic tests commonly used to diagnose RMSF exhibit cross-reactivity between spotted fever rickettsial pathogens, some cases reported as RMSF might actually be disease caused by other spotted fever rickettsial infections, and therefore, are more correctly referred to as spotted fever rickettsiosis starting with 2010 data. Includes confirmed and probable cases.

<sup>5</sup>Case reporting for tuberculosis began in 1953. Data prior to 1975 are not comparable with subsequent years because of changes in reporting criteria effective in 1975.

<sup>6</sup>In 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. outlying areas of Guam, Puerto Rico, and the Virgin Islands.

<sup>7</sup>Includes stage of syphilis not stated.

<sup>8</sup>Includes cases of unknown duration.

<sup>9</sup>Rates 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 for cases under 1 year of age were reported.

<sup>10</sup>Prior to 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.

<sup>11</sup>Data 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 prior to 1991; STD rates prior to 1991 used the civilian resident 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 were excluded from the rate calculations because it is dependent on the reporting rules for each disease. See Appendix II, Notifiable disease. See Appendix I, National Notifiable Disease Surveillance System (NNDSS), for information on underreporting of notifiable diseases. Data for additional years are available. See the Excel spreadsheet on the *Health, United States* website at: <https://www.cdc.gov/nchs/hus.htm>. Data have been revised and differ from previous editions of *Health, United States*.

SOURCE: CDC, Office of Public Health Scientific Services (OPHSS); Center for Surveillance, Epidemiology and Laboratory Services (CSELS); Division of Health Informatics and Surveillance (DHIS). Available from: [https://www.cdc.gov/mmwr/mmwr\\_nd/index.html](https://www.cdc.gov/mmwr/mmwr_nd/index.html); CDC, National Notifiable Diseases Surveillance System. 2017 annual tables of infectious disease data. Atlanta, GA. CDC Division of Health Informatics and Surveillance, 2018. Available from: [https://wonder.cdc.gov/nndss/nndss\\_annual\\_tables\\_menu.asp](https://wonder.cdc.gov/nndss/nndss_annual_tables_menu.asp). Accessed on October 11, 2018; CDC, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. Atlanta, GA. 2018. Sexually transmitted disease surveillance 2017. Available from: <https://www.cdc.gov/std/stats17/default.htm>. See Appendix I, National Notifiable Diseases Surveillance System (NNDSS); Sexually Transmitted Disease (STD) Surveillance.