

**Table 39 (page 1 of 2). Selected notifiable disease rates and number of new cases: United States, selected years 1950–2011**

Updated data when available, Excel, PDF, and more data years: <http://www.cdc.gov/nchs/hus/contents2012.htm#039>.

[Data are based on reporting by state health departments]

| Disease                                     | 1950    | 1960    | 1970    | 1980      | 1990    | 2000    | 2009      | 2010      | 2011      |
|---|---------|---------|---------|-----------|---------|---------|-----------|-----------|-----------|
| New cases per 100,000 population            |         |         |         |           |         |         |           |           |           |
| Diphtheria                                  | 3.83    | 0.51    | 0.21    | 0.00      | 0.00    | 0.00    | —         | —         | —         |
| <i>Haemophilus influenzae</i> , invasive    | ---     | ---     | ---     | ---       | ---     | 0.51    | 0.99      | 1.03      | 1.15      |
| Hepatitis A                                 | ---     | ---     | 27.87   | 12.84     | 12.64   | 4.91    | 0.65      | 0.54      | 0.45      |
| Hepatitis B                                 | ---     | ---     | 4.08    | 8.39      | 8.48    | 2.95    | 1.12      | 1.10      | 0.94      |
| Lyme disease <sup>1</sup>                   | ---     | ---     | ---     | ---       | ---     | 6.53    | 12.71     | 9.86      | 10.78     |
| Meningococcal disease                       | ---     | ---     | 1.23    | 1.25      | 0.99    | 0.83    | 0.32      | 0.27      | 0.25      |
| Mumps                                       | ---     | ---     | 55.55   | 3.86      | 2.17    | 0.13    | 0.65      | 0.85      | 0.13      |
| Pertussis (whooping cough)                  | 79.82   | 8.23    | 2.08    | 0.76      | 1.84    | 2.88    | 5.54      | 8.97      | 6.06      |
| Poliomyelitis, paralytic <sup>2</sup>       | ---     | 1.40    | 0.02    | 0.00      | 0.00    | —       | 0.00      | —         | —         |
| Rocky Mountain spotted fever <sup>3</sup>   | ---     | ---     | 0.19    | 0.52      | 0.26    | 0.18    | 0.60      | 0.65      | 0.91      |
| Rubella (German measles)                    | ---     | ---     | 27.75   | 1.72      | 0.45    | 0.06    | 0.00      | 0.00      | 0.00      |
| Rubeola (measles)                           | 211.01  | 245.42  | 23.23   | 5.96      | 11.17   | 0.03    | 0.02      | 0.02      | 0.06      |
| Salmonellosis, excluding typhoid fever      | ---     | 3.85    | 10.84   | 14.88     | 19.54   | 14.51   | 16.18     | 17.73     | 16.79     |
| Shigellosis                                 | 15.45   | 6.94    | 6.79    | 8.41      | 10.89   | 8.41    | 5.24      | 4.82      | 4.32      |
| Tuberculosis <sup>4</sup>                   | ---     | 30.83   | 18.28   | 12.25     | 10.33   | 6.01    | 3.80      | 3.64      | 3.41      |
| Sexually transmitted diseases: <sup>5</sup> |         |         |         |           |         |         |           |           |           |
| Syphilis <sup>6</sup>                       | 146.02  | 68.78   | 44.80   | 30.30     | 54.32   | 11.20   | 14.74     | 14.93     | 14.91     |
| Primary and secondary                       | 16.73   | 9.06    | 10.80   | 12.00     | 20.26   | 2.12    | 4.60      | 4.49      | 4.52      |
| Early latent                                | 39.71   | 10.11   | 8.00    | 8.90      | 22.19   | 3.35    | 4.30      | 4.43      | 4.25      |
| Late and late latent <sup>7</sup>           | 70.22   | 45.91   | 24.70   | 9.20      | 10.32   | 5.53    | 5.70      | 5.89      | 6.02      |
| Congenital <sup>8</sup>                     | 368.30  | 103.70  | 52.30   | 7.70      | 92.95   | 14.29   | 10.01     | 8.73      | 8.48      |
| Chlamydia <sup>9</sup>                      | ---     | ---     | ---     | ---       | 160.19  | 251.38  | 409.19    | 426.01    | 457.59    |
| Gonorrhea <sup>10</sup>                     | 192.50  | 145.40  | 294.20  | 442.10    | 276.43  | 128.67  | 99.05     | 100.76    | 104.24    |
| Chancroid                                   | 3.34    | 0.94    | 0.70    | 0.30      | 1.69    | 0.03    | 0.01      | 0.01      | 0.00      |
| Number of new cases                         |         |         |         |           |         |         |           |           |           |
| Diphtheria                                  | 5,796   | 918     | 435     | 3         | 4       | 1       | —         | —         | —         |
| <i>Haemophilus influenzae</i> , invasive    | ---     | ---     | ---     | ---       | ---     | 1,398   | 3,022     | 3,151     | 3,539     |
| Hepatitis A                                 | ---     | ---     | 56,797  | 29,087    | 31,441  | 13,397  | 1,987     | 1,670     | 1,398     |
| Hepatitis B                                 | ---     | ---     | 8,310   | 19,015    | 21,102  | 8,036   | 3,405     | 3,374     | 2,903     |
| Lyme disease <sup>1</sup>                   | ---     | ---     | ---     | ---       | ---     | 17,730  | 38,468    | 30,158    | 33,097    |
| Meningococcal disease                       | ---     | ---     | 2,505   | 2,840     | 2,451   | 2,256   | 980       | 833       | 759       |
| Mumps                                       | ---     | ---     | 104,953 | 8,576     | 5,292   | 338     | 1,991     | 2,612     | 404       |
| Pertussis (whooping cough)                  | 120,718 | 14,809  | 4,249   | 1,730     | 4,570   | 7,867   | 16,858    | 27,550    | 18,719    |
| Poliomyelitis, paralytic <sup>2</sup>       | ---     | 2,525   | 31      | 4         | 6       | —       | 1         | —         | —         |
| Rocky Mountain spotted fever <sup>3</sup>   | 464     | ---     | 380     | 1,163     | 651     | 495     | 1,815     | 1,985     | 2,802     |
| Rubella (German measles)                    | ---     | ---     | 56,552  | 3,904     | 1,125   | 176     | 3         | 5         | 4         |
| Rubeola (measles)                           | 319,124 | 441,703 | 47,351  | 13,506    | 27,786  | 86      | 71        | 63        | 220       |
| Salmonellosis, excluding typhoid fever      | ---     | 6,929   | 22,096  | 33,715    | 48,603  | 39,574  | 49,192    | 54,424    | 51,887    |
| Shigellosis                                 | 23,367  | 12,487  | 13,845  | 19,041    | 27,077  | 22,922  | 15,931    | 14,786    | 13,352    |
| Tuberculosis <sup>4</sup>                   | ---     | 55,494  | 37,137  | 27,749    | 25,701  | 16,377  | 11,545    | 11,182    | 10,528    |
| Sexually transmitted diseases: <sup>5</sup> |         |         |         |           |         |         |           |           |           |
| Syphilis <sup>6</sup>                       | 217,558 | 122,538 | 91,382  | 68,832    | 135,590 | 31,618  | 44,830    | 45,844    | 46,042    |
| Primary and secondary                       | 23,939  | 16,145  | 21,982  | 27,204    | 50,578  | 5,979   | 13,997    | 13,774    | 13,970    |
| Early latent                                | 59,256  | 18,017  | 16,311  | 20,297    | 55,397  | 9,465   | 13,066    | 13,604    | 13,136    |
| Late and late latent <sup>7</sup>           | 113,569 | 81,798  | 50,348  | 20,979    | 25,750  | 15,594  | 17,338    | 18,079    | 18,576    |
| Congenital <sup>8</sup>                     | 13,377  | 4,416   | 1,953   | 277       | 3,865   | 580     | 429       | 387       | 360       |
| Chlamydia <sup>9</sup>                      | ---     | ---     | ---     | ---       | 323,663 | 709,452 | 1,244,180 | 1,307,893 | 1,412,791 |
| Gonorrhea <sup>10</sup>                     | 286,746 | 258,933 | 600,072 | 1,004,029 | 690,042 | 363,136 | 301,174   | 309,341   | 321,849   |
| Chancroid                                   | 4,977   | 1,680   | 1,416   | 788       | 4,212   | 78      | 28        | 24        | 8         |

See footnotes at end of table.

## Table 39 (page 2 of 2). Selected notifiable disease rates and number of new cases: United States, selected years 1950–2011

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[Data are based on reporting by state health departments]

0.00 Rate more than zero but less than 0.005.

– Quantity zero.

- - - Data not available.

<sup>1</sup>National surveillance case definition revised in 2008; probable cases not previously reported.

<sup>2</sup>Cases of vaccine-associated paralytic poliomyelitis caused by polio vaccine virus.

<sup>3</sup>Beginning in 2010, cases of Rocky Mountain Spotted Fever were reported as Spotted Fever Rickettsiosis.

<sup>4</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. Data from 1993 to 2009 were updated through the Division of Tuberculosis Elimination, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP), as of May 14, 2010.

<sup>5</sup>Starting with 1991, data include both civilian and military cases. Adjustments to the number of cases reported from state health departments were made for hardcopy forms and for electronic data submissions through June 9, 2010. For 1950, data for Alaska and Hawaii were not included. Cases and rates shown do not include outlying areas of Guam, Puerto Rico, and the Virgin Islands.

<sup>6</sup>Includes stage of syphilis not stated.

<sup>7</sup>Includes cases of unknown duration.

<sup>8</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. See STD Surveillance Report for congenital syphilis rates per 100,000 live births.

<sup>9</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, includes cases for the entire state.

<sup>10</sup>Data for 1994 do not include cases from Georgia.

NOTES: The total resident population was used to calculate all rates except sexually transmitted diseases (STDs), which used the civilian resident population prior to 1991. STD rates for 1990–2002 have been revised and may differ from previous editions of *Health, United States*. Revised rates are due to revision of population estimates to incorporate bridged single-race estimates. 2008 population estimates were used to calculate 2009 rates. 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 calculation; 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: <http://www.cdc.gov/nchs/hus.htm>.

SOURCE: CDC, Office of Public Health Scientific Services (OPHSS); Center for Surveillance, Epidemiology and Laboratory Services (CSELS); Division of Health Informatics and Surveillance (DHIS). MMWR 2013;60(53):1–117 and CDC. Available from: [http://www.cdc.gov/mmwr/mmwr\\_nd/index.html](http://www.cdc.gov/mmwr/mmwr_nd/index.html). Sexually transmitted disease surveillance, 2011. Atlanta, GA: U.S. Department of Health and Human Services, 2012. Available from: <http://www.cdc.gov/std/stats/>. See [Appendix I, National Notifiable Diseases Surveillance System \(NNDSS\)](#).