

**Table 52. Selected notifiable disease rates, according to disease: United States, selected years 1950–2001**

[Data are based on reporting by State health departments]

Disease	1950	1960	1970	1980	1990	1995	1998	1999	2000	2001
Cases per 100,000 population										
Diphtheria	3.83	0.51	0.21	0.00	0.00	—	0.00	0.00	0.00	0.00
<i>Haemophilus influenzae</i> , invasive	---	---	---	---	---	0.45	0.44	0.48	0.51	0.57
Hepatitis A	---	---	27.87	12.84	12.64	12.13	8.59	6.25	4.91	3.77
Hepatitis B	---	---	4.08	8.39	8.48	4.19	3.80	2.82	2.95	2.79
Lyme disease	---	---	---	---	---	4.49	6.39	5.99	6.53	6.05
Meningococcal disease	---	---	1.23	1.25	0.99	1.25	1.01	0.92	0.83	0.83
Mumps	---	---	55.55	3.86	2.17	0.35	0.25	0.14	0.13	0.10
Pertussis (whooping cough)	79.82	8.23	2.08	0.76	1.84	1.97	2.74	2.67	2.88	2.69
Poliomyelitis, total	22.02	1.77	0.02	0.00	0.00	0.00	0.01	0.00	—	—
Paralytic <sup>1</sup>	---	1.40	0.02	0.00	0.00	0.00	0.01	0.00	—	—
Rocky Mountain spotted fever	---	---	0.19	0.52	0.26	0.23	0.14	0.21	0.18	0.25
Rubella (German measles)	---	---	27.75	1.72	0.45	0.05	0.13	0.10	0.06	0.01
Rubeola (measles)	211.01	245.42	23.23	5.96	11.17	0.12	0.04	0.04	0.03	0.04
Salmonellosis, excluding typhoid fever	---	3.85	10.84	14.88	19.54	17.66	16.17	14.89	14.51	14.39
Shigellosis	15.45	6.94	6.79	8.41	10.89	12.32	8.74	6.43	8.41	7.19
Tuberculosis <sup>2</sup>	---	30.83	18.28	12.25	10.33	8.70	6.79	6.43	6.01	5.68
Sexually transmitted diseases: <sup>3</sup>										
Syphilis <sup>4</sup>	146.02	68.78	45.26	30.51	54.52	26.40	14.19	12.97	11.23	11.45
Primary and secondary	16.73	9.06	10.89	12.06	20.34	6.30	2.59	2.43	2.12	2.17
Early latent	39.71	10.11	8.08	9.00	22.27	10.15	4.70	4.23	3.36	3.09
Late and late latent <sup>5</sup>	70.22	45.91	24.94	9.30	10.35	9.25	6.56	6.11	5.54	6.03
Congenital <sup>6</sup>	8.97	2.48	0.97	0.12	1.55	0.71	0.31	0.21	0.20	0.16
Chlamydia <sup>7</sup>	---	---	---	---	160.83	190.42	236.67	252.99	252.10	278.32
Gonorrhea <sup>8</sup>	192.50	145.40	297.22	445.10	277.45	149.44	131.89	132.32	129.04	128.53
Chancroid	3.34	0.94	0.70	0.30	1.69	0.23	0.07	0.05	0.03	0.01
Number of cases										
Diphtheria	5,796	918	435	3	4	—	1	1	1	2
<i>Haemophilus influenzae</i> , invasive	---	---	---	---	---	1,180	1,194	1,309	1,398	1,597
Hepatitis A	---	---	56,797	29,087	31,441	31,582	23,229	17,047	13,397	10,609
Hepatitis B	---	---	8,310	19,015	21,102	10,805	10,258	7,694	8,036	7,843
Lyme disease	---	---	---	---	---	11,700	16,801	16,273	17,730	17,029
Meningococcal disease	---	---	2,505	2,840	2,451	3,243	2,725	2,501	2,256	2,333
Mumps	---	---	104,953	8,576	5,292	906	666	387	338	266
Pertussis (whooping cough)	120,718	14,809	4,249	1,730	4,570	5,137	7,405	7,288	7,867	7,580
Poliomyelitis, total	33,300	3,190	33	9	6	7	3	2	—	—
Paralytic <sup>1</sup>	---	2,525	31	9	6	7	3	2	—	—
Rocky Mountain spotted fever	---	---	380	1,163	651	590	365	579	495	695
Rubella (German measles)	---	---	56,552	3,904	1,125	128	364	267	176	23
Rubeola (measles)	319,124	441,703	47,351	13,506	27,786	309	100	100	86	116
Salmonellosis, excluding typhoid fever	---	6,929	22,096	33,715	48,603	45,970	43,694	40,596	39,574	40,495
Shigellosis	23,367	12,487	13,845	19,041	27,077	32,080	23,626	17,521	22,922	20,221
Tuberculosis <sup>2</sup>	---	55,494	37,137	27,749	25,701	22,860	18,361	17,531	16,377	15,989
Sexually transmitted diseases: <sup>3</sup>										
Syphilis <sup>4</sup>	217,558	122,538	91,382	68,832	135,590	69,356	38,286	35,379	31,592	32,221
Primary and secondary	23,939	16,145	21,982	27,204	50,578	16,543	7,007	6,617	5,979	6,103
Early latent	59,256	18,017	16,311	20,297	55,397	26,657	12,696	11,534	9,465	8,701
Late and late latent <sup>5</sup>	113,569	81,798	50,348	20,979	25,750	24,296	17,743	16,653	15,594	16,976
Congenital <sup>6</sup>	13,377	4,416	1,953	277	3,865	1,860	840	575	554	441
Chlamydia <sup>7</sup>	---	---	---	---	323,663	478,577	614,250	662,647	709,452	783,242
Gonorrhea <sup>8</sup>	286,746	258,933	600,072	1,004,029	690,042	392,651	356,492	360,813	363,136	361,705
Chancroid	4,977	1,680	1,416	788	4,212	607	189	142	78	38

0.00 Rate greater than zero but less than 0.005.

— Quantity zero.

--- Data not available.

<sup>1</sup>Data beginning in 1986 may be updated due to retrospective case evaluations or late reports.

<sup>2</sup>Case reporting for tuberculosis began in 1953. Data prior to 1975 are not comparable with subsequent years' data because of changes in reporting criteria effective in 1975.

<sup>3</sup>Newly reported civilian cases prior to 1991; includes military cases beginning in 1991. Adjustments to the number of cases from State health departments were made for hardcopy forms and for electronic data submissions through May 3, 2002. For 1950, data for Alaska and Hawaii were not included.

<sup>4</sup>Includes stage of syphilis not stated.

<sup>5</sup>Includes cases of unknown duration.

<sup>6</sup>Data reported for 1989 and later years reflect change in case definition introduced in 1988. Through 1994, all cases of congenitally acquired syphilis; as of 1995, congenital syphilis less than 1 year of age. See STD Surveillance Report for congenital syphilis rates per 100,000 live births. In 2001 the rate was 11.1 congenital syphilis cases per 100,000 live births.

<sup>7</sup>Chlamydia was non-notifiable in 1994 and earlier years. In 1994–99 cases for New York based exclusively on those reported by New York City. Starting in 2000, includes cases for New York State.

<sup>8</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, which used the civilian resident population. For sexually transmitted diseases, 2000 population estimates were used to calculate 2001 rates. Population data from those States where diseases were not notifiable or not available were excluded from rate calculation. See Appendix I for information on underreporting of notifiable diseases. Some numbers for sexually transmitted diseases (1988–2000) and poliomyelitis (1996–99) have been revised and differ from the previous edition of *Health, United States*. Data for additional years are available (see Appendix III).

SOURCES: Centers for Disease Control and Prevention. Summary of notifiable diseases, United States, 2001. Morbidity and mortality weekly report; 50(53). Atlanta, Georgia: Public Health Service. 2003; National Center for HIV, STD, and TB Prevention, Division of STD Prevention. Sexually transmitted disease surveillance, 2001. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2002.