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
				Case	s per 100,0	000 popula	tion			
Diphtheria	3.83	0.51	0.21	0.00	0.00	_	0.00	0.00	0.00	0.00
Haemophilus influenzae, 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 1.40	0.02 0.02	0.00	0.00	0.00	0.01 0.01	0.00	_	_
Paralytic ¹		1.40	0.02	0.00	0.00	0.00	0.01	0.00	0.18	0.25
Rubella (German measles)			27.75	1.72	0.45	0.25	0.14	0.10	0.16	0.23
Rubeola (measles)	211.01	245.42	23.23	5.96	11.17	0.12	0.10	0.10	0.03	0.01
Salmonellosis, excluding typhoid			_00	0.00		0	0.0 .	0.0 .	0.00	0.0.
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 ² Sexually transmitted diseases: ³		30.83	18.28	12.25	10.33	8.70	6.79	6.43	6.01	5.68
Sexually transmitted diseases: ³										
Syphilis ⁴	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 ⁵	70.22	45.91	24.94	9.30	10.35	9.25	6.56	6.11	5.54	6.03
Congenital ⁶	8.97	2.48	0.97	0.12	1.55	0.71	0.31	0.21 252.99	0.20	0.16
Chlamydia ⁷	192.50	145.40	297.22	445.10	160.83 277.45	190.42 149.44	236.67 131.89	132.32	252.10 129.04	278.32 128.53
Gonorrhea ⁸	3.34	0.94	0.70	0.30	1.69	0.23	0.07	0.05	0.03	0.01
Ghanciola	0.04	0.54	0.70	0.00			0.07	0.00	0.00	0.01
	Number of cases									
Diphtheria	5,796	918	435	3	4	_	1	1	1	2
Haemophilus influenzae, 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
Hepatitis B				19,015	21,102	11,700	16,801	16,273	17,730	17,029
Hepatitis B Lyme disease Meningococcal disease			2,505	19,015 2,840	21,102 2,451	11,700 3,243	16,801 2,725	16,273 2,501	17,730 2,256	17,029 2,333
Hepatitis B			2,505 104,953	19,015 2,840 8,576	21,102 2,451 5,292	11,700 3,243 906	16,801 2,725 666	16,273 2,501 387	17,730 2,256 338	17,029 2,333 266
Hepatitis B. Lyme disease. Meningococcal disease. Mumps Pertussis (whooping cough).	 120,718	 14,809	2,505 104,953 4,249	19,015 2,840 8,576 1,730	21,102 2,451 5,292 4,570	11,700 3,243 906 5,137	16,801 2,725 666 7,405	16,273 2,501 387 7,288	17,730 2,256	17,029 2,333
Hepatitis B. Lyme disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total.		14,809 3,190	2,505 104,953 4,249 33	19,015 2,840 8,576 1,730 9	21,102 2,451 5,292 4,570 6	11,700 3,243 906 5,137	16,801 2,725 666 7,405	16,273 2,501 387 7,288 2	17,730 2,256 338	17,029 2,333 266
Hepatitis B. Lyme disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic ¹	120,718 33,300	 14,809	2,505 104,953 4,249 33 31	19,015 2,840 8,576 1,730 9	21,102 2,451 5,292 4,570 6 6	11,700 3,243 906 5,137 7	16,801 2,725 666 7,405 3	16,273 2,501 387 7,288 2 2	17,730 2,256 338 7,867	17,029 2,333 266 7,580 –
Hepatitis B. Lyme disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic ¹ Rocky Mountain spotted fever.	120,718 33,300	14,809 3,190 2,525	2,505 104,953 4,249 33 31 380	19,015 2,840 8,576 1,730 9 9	21,102 2,451 5,292 4,570 6 6 651	11,700 3,243 906 5,137 7 7 590	16,801 2,725 666 7,405 3 3 365	16,273 2,501 387 7,288 2 2 579	17,730 2,256 338 7,867 — — 495	17,029 2,333 266 7,580 – – 695
Hepatitis B. Lyme disease. Meningococcal disease. Mumps. Pertussis (whooping cough). Poliomyelitis, total. Paralytic ¹ Rocky Mountain spotted fever Rubella (German measles)	120,718 33,300	14,809 3,190 2,525	2,505 104,953 4,249 33 31 380 56,552	19,015 2,840 8,576 1,730 9 9 1,163 3,904	21,102 2,451 5,292 4,570 6 6 651 1,125	11,700 3,243 906 5,137 7	16,801 2,725 666 7,405 3	16,273 2,501 387 7,288 2 2	17,730 2,256 338 7,867	17,029 2,333 266 7,580 –
Hepatitis B. Lyme disease. Meningococcal disease. Mensesis (whooping cough). Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles)	120,718 33,300	14,809 3,190 2,525	2,505 104,953 4,249 33 31 380	19,015 2,840 8,576 1,730 9 9	21,102 2,451 5,292 4,570 6 6 651	11,700 3,243 906 5,137 7 7 590 128	16,801 2,725 666 7,405 3 3 365 364	16,273 2,501 387 7,288 2 2 579 267	17,730 2,256 338 7,867 - 495 176	17,029 2,333 266 7,580 – 695 23
Hepatitis B. Lyme disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever.	120,718 33,300	14,809 3,190 2,525	2,505 104,953 4,249 33 31 380 56,552	19,015 2,840 8,576 1,730 9 9 1,163 3,904	21,102 2,451 5,292 4,570 6 6 651 1,125	11,700 3,243 906 5,137 7 7 590 128	16,801 2,725 666 7,405 3 3 365 364	16,273 2,501 387 7,288 2 2 579 267	17,730 2,256 338 7,867 - 495 176	17,029 2,333 266 7,580 – 695 23
Hepatitis B. Lyme disease. Meningococcal disease. Mumps. Pertussis (whooping cough). Poliomyelitis, total. Paralytic' Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever Shigellosis.	120,718 33,300 319,124	14,809 3,190 2,525 441,703 6,929 12,487	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845	19,015 2,840 8,576 1,730 9 1,163 3,904 13,506 33,715 19,041	21,102 2,451 5,292 4,570 6 6 651 1,125 27,786 48,603 27,077	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922	17,029 2,333 266 7,580 — 695 23 116 40,495 20,221
Hepatitis B. Lyme disease. Meningococcal disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever. Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever. Shigellosis Tuberculosis²	120,718 33,300 319,124	14,809 3,190 2,525 441,703 6,929	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096	19,015 2,840 8,576 1,730 9 9 1,163 3,904 13,506	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603	11,700 3,243 906 5,137 7 7 590 128 309 45,970	16,801 2,725 666 7,405 3 3 365 364 100 43,694	16,273 2,501 387 7,288 2 2 579 267 100 40,596	17,730 2,256 338 7,867 - 495 176 86	17,029 2,333 266 7,580 - - 695 23 116 40,495
Hepatitis B. Lyme disease. Meningococcal disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever. Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever. Shigellosis Tuberculosis² Sexually transmitted diseases: ³	120,718 33,300 319,124 23,367	14,809 3,190 2,525 441,703 6,929 12,487 55,494	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137	19,015 2,840 8,576 1,730 9 9 1,163 3,904 13,506 33,715 19,041 27,749	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603 27,077 25,701	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377	17,029 2,333 266 7,580 - - 695 23 116 40,495 20,221 15,989
Hepatitis B. Lyme disease. Meningococcal disease. Meningococcal disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles). Salmonellosis, excluding typhoid fever Shigellosis Tuberculosis² Sexually transmitted diseases: ³ Syphilis⁴.	120,718 33,300 319,124 23,367 217,558	14,809 3,190 2,525 441,703 6,929 12,487 55,494 122,538	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137 91,382	19,015 2,840 8,576 1,730 9 9 1,163 3,904 13,506 33,715 19,041 27,749 68,832	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603 27,077 25,701	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860 69,356	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361 38,286	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531 35,379	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377 31,592	17,029 2,333 266 7,580 - - 695 23 116 40,495 20,221 15,989 32,221
Hepatitis B. Lyme disease. Meningococcal disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles). Salmonellosis, excluding typhoid fever. Shigellosis. Tuberculosis² Sexually transmitted diseases:³ Syphilis⁴ Primary and secondary.	120,718 33,300 319,124 23,367 217,558 23,939	14,809 3,190 2,525 441,703 6,929 12,487 55,494 122,538 16,145	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137 91,382 21,982	19,015 2,840 8,576 1,730 9 1,163 3,904 13,506 33,715 19,041 27,749 68,832 27,204	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603 27,077 25,701 135,590 50,578	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860 69,356 16,543	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361 38,286 7,007	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531 35,379 6,617	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377 31,592 5,979	17,029 2,333 266 7,580 - 695 23 116 40,495 20,221 15,989 32,221 6,103
Hepatitis B. Lyme disease. Meningococcal disease. Mumps. Pertussis (whooping cough). Poliomyelitis, total. Paralytic! Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever Shigellosis Tuberculosis² Sexually transmitted diseases: ³ Syphilis ⁴ Primary and secondary. Early latent	120,718 33,300 319,124 23,367 217,558 23,939 59,256	14,809 3,190 2,525 441,703 6,929 12,487 55,494 122,538 16,145 18,017	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137 91,382 21,982 16,311	19,015 2,840 8,576 1,730 9 1,163 3,904 13,506 33,715 19,041 27,749 68,832 27,204 20,297	21,102 	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860 69,356 16,543 26,657	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361 38,286 7,007 12,696	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531 35,379 6,617 11,534	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377 31,592 5,979 9,465	17,029 2,333 266 7,580 ————————————————————————————————————
Hepatitis B. Lyme disease. Meningococcal disease. Mumps. Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever Shigellosis Tuberculosis² Sexually transmitted diseases:³ Syphilis⁴ Primary and secondary Early latent Late and late latent⁵	120,718 33,300 319,124 23,367 217,558 23,939 59,256 113,569	14,809 3,190 2,525 441,703 6,929 12,487 55,494 122,538 16,145 18,017 81,798	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137 91,382 21,982 16,311 50,348	19,015 2,840 8,576 1,730 9 9 1,163 3,904 13,506 33,715 19,041 27,749 68,832 27,204 20,297 20,979	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603 27,077 25,701 135,590 50,578 55,397 25,750	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860 69,356 16,543 26,657 24,296	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361 38,286 7,007 12,696 17,743	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531 35,379 6,617 11,534 16,653	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377 31,592 5,979 9,465 15,594	17,029 2,333 266 7,580 7,580 23 116 40,495 20,221 15,989 32,221 6,103 8,701 16,976
Hepatitis B. Lyme disease. Meningococcal disease. Meningococcal disease. Mumps Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever. Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever. Shigellosis Tuberculosis² Sexually transmitted diseases:³ Syphilis⁴ Primary and secondary. Early latent Late and late latent⁵ Congenital⁶	120,718 33,300 319,124 23,367 217,558 23,939 59,256	14,809 3,190 2,525 441,703 6,929 12,487 55,494 122,538 16,145 18,017	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137 91,382 21,982 16,311	19,015 2,840 8,576 1,730 9 1,163 3,904 13,506 33,715 19,041 27,749 68,832 27,204 20,297	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603 27,077 25,701 135,590 50,578 55,397 25,750 3,865	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860 69,356 16,543 26,657 24,296 1,860	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361 38,286 7,007 12,696 17,743 840	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531 35,379 6,617 11,534 16,653 575	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377 31,592 5,979 9,465 15,594 554	17,029 2,333 266 7,580 - - 695 23 116 40,495 20,221 15,989 32,221 6,103 8,701 16,976 441
Hepatitis B. Lyme disease. Meningococcal disease. Mumps. Pertussis (whooping cough). Poliomyelitis, total. Paralytic¹ Rocky Mountain spotted fever Rubella (German measles) Rubeola (measles) Salmonellosis, excluding typhoid fever Shigellosis Tuberculosis² Sexually transmitted diseases:³ Syphilis⁴ Primary and secondary Early latent Late and late latent⁵	120,718 33,300 319,124 23,367 217,558 23,939 59,256 113,569 13,377	14,809 3,190 2,525 441,703 6,929 12,487 55,494 122,538 16,145 18,017 81,798 4,416	2,505 104,953 4,249 33 31 380 56,552 47,351 22,096 13,845 37,137 91,382 21,982 16,311 50,348	19,015 2,840 8,576 1,730 9 9 1,163 3,904 13,506 33,715 19,041 27,749 68,832 27,204 20,297 20,979 277	21,102 2,451 5,292 4,570 6 651 1,125 27,786 48,603 27,077 25,701 135,590 50,578 55,397 25,750	11,700 3,243 906 5,137 7 7 590 128 309 45,970 32,080 22,860 69,356 16,543 26,657 24,296	16,801 2,725 666 7,405 3 3 365 364 100 43,694 23,626 18,361 38,286 7,007 12,696 17,743	16,273 2,501 387 7,288 2 2 579 267 100 40,596 17,521 17,531 35,379 6,617 11,534 16,653	17,730 2,256 338 7,867 - 495 176 86 39,574 22,922 16,377 31,592 5,979 9,465 15,594	17,029 2,333 266 7,580 7,580 23 116 40,495 20,221 15,989 32,221 6,103 8,701 16,976

^{0.00} Rate greater than zero but less than 0.005.

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.

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⁻ Quantity zero.

^{- - -} Data not available.

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

²Case 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. ³Newly 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.

⁴Includes stage of syphilis not stated. ⁵Includes cases of unknown duration.

⁶Data 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.

⁷Chlamydia 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.

8Data for 1994 do not include cases from Georgia.