

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	Alaska (AK)	Alabama (AL)	Arkansas (AR)	Arizona (AZ)	California (CA)	Colorado (CO)	Connecticut (CT)	Delaware (DE)	Florida (FL)
2021	0	51	11	3	106	0	541	140	193
2020	0	14	12	2	53	0	614	355	121
2019	3	66	18	10	144	8	1,233	641	162
2018	11	36	4	7	104	3	1,859	520	169
2017	10	41	6	28	145	4	2,051	608	210
2016	15	38	2	13	134	0	1,748	506	216
2015	9	25	0	12	98	0	2,541	435	166
2014	8	64	0	21	73	0	2,360	417	155
2013	14	24	0	32	112	0	2,925	509	138
2012	10	25	0	13	70	0	2,657	669	118
2011	11	24	0	15	92	0	3,039	873	115
2010	7	2	0	2	129	3	3,068	656	84
2009	7	3	0	7	117	1	4,156	984	110
2008	6	9	0	8	74	3	3,896	772	88
2007	10	13	1	2	75	0	3,058	715	30
2006	3	11	0	10	85	0	1,788	482	34
2005	4	3	0	10	▲ 95	0	1,810	646	47
2004	3	6	0	13	48	0	1,348	339	46
2003	3	8	0	4	86	0	▲ 1,403	212	43
2002	3	11	3	4	97	1	4,631	194	79
2001	2	10	4	3	95	0	3,597	152	43
2000	2	6	7	2	96	0	3,773	167	54
1999	0	20	7	3	139	3	3,215	167	59
1998	1	24	8	1	135	0	3,434	77	71
1997	2	11	27	4	154	0	2,297	109	56
1996	0	9	27	0	64	0	3,104	173	55
1995	0	12	11	1	84	0	1,548	56	17
1994	0	6	15	0	68	1	2,030	106	28
1993	0	4	8	0	134	0	1,350	143	30
1992	0	10	20	0	231	0	1,760	219	24
1991	0	13	31	1	265	1	1,192	73	35
1990	0	33	22	0	345	0	704	54	7
<b>TOTAL</b>	<b>144</b>	<b>632</b>	<b>244</b>	<b>231</b>	<b>3,747</b>	<b>28</b>	<b>74,730</b>	<b>12,169</b>	<b>2,803</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:

CA (2005): Laboratory reporting of Lyme disease is now mandatory.

CT (2003): Lyme disease is deleted from the list of Laboratory Reportable Significant Findings. Source: Connecticut Epidemiologist Newsletter, Vol. 23, No. 1.

(Note: In 2007, CT instituted electronic lab reporting, however, not all labs are able to report electronically.)

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	Georgia (GA)	Hawaii (HI)	Iowa (IA)	Idaho (ID)	Illinois (IL)	Indiana (IN)	Kansas (KS)	Kentucky (KY)	Louisiana (LA)
2021	35	N	359	6	540	314	22	41	4
2020	32	N	257	6	295	212	17	32	2
2019	18	N	303	14	395	189	35	22	8
2018	19	N	283	9	276	155	30	22	4
2017	8	N	255	20	273	142	40	20	12
2016	4	N	232	17	237	152	39	33	7
2015	8	N	318	9	287	138	23	49	3
2014	4	N	194	9	233	110	20	44	2
2013	8	N	247	19	337	110	34	40	0
2012	31	N	165	5	204	74	19	14	7
2011	32	N	100	4	194	94	17	3	2
2010	10	N	85	9	135	78	10	5	3
2009	40	N	108	16	136	83	18	1	0
2008	35	N	109	9	108	42	16	5	3
2007	11	N	123	9	149	55	8	6	2
2006	8	▲ N	97	7	110	26	4	7	1
2005	6	0	89	2	127	33	3	5	3
2004	12	0	49	6	87	32	3	15	2
2003	10	0	58	3	71	25	4	17	7
2002	2	0	42	4	47	21	7	25	5
2001	0	0	36	5	32	26	2	23	8
2000	0	0	34	4	35	23	17	13	8
1999	0	0	24	3	17	21	16	19	9
1998	5	0	27	7	14	39	13	27	15
1997	9	0	8	4	13	33	4	20	13
1996	1	1	19	2	10	32	36	26	9
1995	14	0	16	0	18	19	23	16	9
1994	127	0	17	3	24	19	17	24	4
1993	44	1	8	2	19	32	54	16	3
1992	48	2	33	2	41	22	18	28	7
1991	25	0	22	2	51	16	22	44	6
1990	161	2	16	1	30	15	14	18	3
<b>TOTAL</b>	<b>767</b>	<b>6</b>	<b>3,733</b>	<b>218</b>	<b>4,545</b>	<b>2,382</b>	<b>605</b>	<b>680</b>	<b>171</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:

HI (2006): CDC notes Lyme is not a notifiable disease in Hawaii. Source: MMWR; [health.hawaii.gov/docd](http://health.hawaii.gov/docd)

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	Massachusetts (MA)	Maryland (MD)	Maine (ME)	Michigan (MI)	Minnesota (MN)	Missouri (MO)	Mississippi (MS)	Montana (MT)
2021	27	916	1,510	862	1,902	7	1	13
2020	107	842	1,128	468	0	7	1	3
2019	7	1,417	2,167	413	1,528	17	4	8
2018	16	1,382	1,405	262	1,541	11	4	7
2017	410	1,891	1,850	291	2,318	12	1	12
2016	▲ 198	1,866	1,487	221	2,126	10	1	17
2015	4,224	1,728	1,201	148	1,805	5	4	5
2014	5,304	1,373	1,401	127	1,416	10	2	7
2013	5,290	1,197	1,373	168	2,340	3	0	18
2012	5,138	1,651	1,111	98	1,515	2	1	6
2011	2,476	1,351	1,006	104	2,124	8	5	11
2010	3,263	1,617	751	95	1,960	4	0	4
2009	5,256	2,024	970	103	1,543	3	0	3
2008	4,582	2,218	908	92	1,282	6	1	17
2007	2,988	2,576	529	51	1,238	10	1	4
2006	1,432	1,248	338	55	914	5	3	1
2005	2,336	1,235	247	62	917	15	0	0
2004	1,532	891	225	27	1,023	25	0	0
2003	1,532	691	175	12	474	70	21	0
2002	1,807	738	219	26	867	41	12	0
2001	1,164	608	108	21	461	37	8	0
2000	1,158	688	71	23	465	47	3	0
1999	787	899	41	11	283	72	4	0
1998	699	659	78	17	261	12	17	0
1997	291	494	34	27	256	28	27	0
1996	321	447	63	28	251	52	24	0
1995	189	454	45	5	208	53	17	0
1994	247	341	33	33	208	102	0	0
1993	148	180	18	23	141	108	0	0
1992	223	183	16	35	197	150	0	0
1991	265	282	15	46	84	207	8	0
1990	117	238	9	134	70	205	7	0
<b>TOTAL</b>	<b>53,534</b>	<b>34,325</b>	<b>20,532</b>	<b>4,088</b>	<b>31,718</b>	<b>1,344</b>	<b>177</b>	<b>136</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:  
MA (2016): CDC states that MA has taken a new approach to surveillance.

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	North Carolina (NC)	North Dakota (ND)	Nebraska (NE)	New Hampshire (NH)	New Jersey (NJ)	New Mexico (NM)	Nevada (NV)
2021	338	34	10	397	3,518	2	17
2020	264	36	5	299	2,566	0	4
2019	334	38	10	1,710	3,619	7	17
2018	212	33	15	1,428	4,000	2	14
2017	295	56	14	1,381	5,092	3	17
2016	272	32	14	891	4,350	1	15
2015	230	33	11	529	4,855	0	7
2014	170	14	7	▲ 724	3,286	0	6
2013	180	29	10	1,687	3,766	6	16
2012	122	15	15	1,450	3,576	1	10
2011	88	27	11	1,299	4,262	6	5
2010	82	33	8	1,339	3,712	5	2
2009	96	15	5	1,415	4,973	5	13
2008	47	10	12	1,601	3,485	8	12
2007	53	12	7	896	3,134	5	15
2006	31	7	11	617	2,432	3	4
2005	49	3	2	265	3,363	3	3
2004	122	0	2	226	2,698	1	1
2003	156	0	2	190	2,887	1	3
2002	137	1	6	261	2,349	1	2
2001	41	0	4	129	2,020	1	4
2000	47	2	5	84	2,459	0	4
1999	74	1	11	27	1,719	1	2
1998	63	0	4	45	1,911	4	6
1997	34	0	2	39	2,041	1	2
1996	66	2	5	47	2,190	1	2
1995	84	0	6	28	1,703	1	6
1994	77	0	3	30	1,533	5	1
1993	86	2	6	15	786	2	5
1992	67	1	22	44	688	2	1
1991	73	2	25	38	915	3	5
1990	87	3	0	4	1,074	0	2
<b>TOTAL</b>	<b>4,077</b>	<b>441</b>	<b>270</b>	<b>19,135</b>	<b>90,962</b>	<b>81</b>	<b>223</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:  
NH (2014): NH Bureau of Infectious Disease Control states it started estimating Lyme case numbers in 2014.  
Source: WMUR

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	New York (NY)	Ohio (OH)	Oklahoma (OK)	Oregon (OR)	Pennsylvania (PA)	Rhode Island (RI)	South Dakota (SD)
2021	3,006	590	0	74	2,900	980	16
2020	2,240	409	0	39	3,334	839	8
2019	4,243	467	0	65	8,998	971	10
2018	3,638	293	0	70	10,208	1,111	7
2017	5,155	270	1	84	11,900	1,132	12
2016	3,882	160	0	61	11,443	903	11
2015	4,314	154	0	31	9,048	904	5
2014	3,736	119	0	45	7,487	904	2
2013	4,615	93	3	43	5,758	724	4
2012	2,998	67	4	48	5,033	217	4
2011	4,490	53	2	38	5,362	159	4
2010	3,425	44	0	39	3,805	181	1
2009	5,651	58	2	38	5,722	235	1
2008	7,794	45	2	38	3,818	210	3
2007	▲ 4,165	33	1	6	3,994	177	0
2006	4,460	43	0	7	3,242	308	1
2005	5,565	58	0	3	4,287	39	2
2004	5,100	50	3	11	3,985	▲ 249	1
2003	5,399	66	0	16	5,730	736	1
2002	5,535	82	0	12	3,989	852	2
2001	4,083	44	0	15	2,806	510	0
2000	4,329	61	1	13	2,343	675	0
1999	4,402	47	8	15	2,781	546	0
1998	4,640	47	13	21	2,760	789	0
1997	3,327	40	45	20	2,188	442	1
1996	5,301	32	42	19	2,814	534	0
1995	4,438	30	63	20	1,562	345	0
1994	5,200	45	99	6	1,438	471	0
1993	2,818	30	19	8	1,085	272	0
1992	3,448	32	27	13	1,173	275	1
1991	3,944	112	29	5	718	142	1
1990	3,244	36	13	11	553	101	2
<b>TOTAL</b>	<b>138,585</b>	<b>3,710</b>	<b>377</b>	<b>934</b>	<b>142,264</b>	<b>16,933</b>	<b>100</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:

NY (2007): In recent years, an increasing number of New York's 62 counties have used estimating to determine Lyme case numbers. The Council of State & Territorial Epidemiologists, in charge of surveillance, doesn't permit estimation to be reported by CDC in the national counts. In 2020, NY State reported it had 6,543 Lyme cases including those 36 estimated county numbers. CDC reported 3,007 Lyme cases for NY State, which excluded the 36 counties' estimated numbers. Source: [www.health.ny.gov/statistics/diseases/communicable/](http://www.health.ny.gov/statistics/diseases/communicable/)  
 RI (2004): RI Dept. of Health will no longer prompt health care providers to report cases in response to positive lab reports. Source: RI DOH Office of Communicable Diseases, Health Advisory 7/20/05

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	South Carolina (SC)	Tennessee (TN)	Texas (TX)	Utah (UT)	Virginia (VA)	Vermont (VT)	Washington (WA)	Washington DC (DC)
2021	76	57	32	18	705	115	43	91
2020	48	38	11	14	555	59	20	120
2019	47	45	41	19	1,199	1,064	43	100
2018	39	29	47	27	1,139	576	20	79
2017	21	47	58	25	1,657	1,092	37	84
2016	51	25	71	19	1,350	761	31	103
2015	42	26	54	7	1,539	710	24	121
2014	37	17	40	13	1,346	599	15	40
2013	42	25	82	15	1,307	893	18	▲ 35
2012	44	30	75	5	1,110	522	15	N
2011	37	37	74	9	1,023	623	19	▲ N
2010	29	36	142	3	1,245	356	16	42
2009	42	37	276	9	908	408	16	61
2008	29	31	153	5	933	404	23	74
2007	31	31	87	7	959	138	12	116
2006	20	15	29	5	357	105	8	62
2005	15	8	69	2	274	54	13	10
2004	22	20	98	1	216	50	14	16
2003	18	20	85	2	195	43	7	14
2002	26	28	139	5	259	37	11	25
2001	6	31	75	1	156	18	9	17
2000	25	28	77	3	149	40	9	11
1999	6	59	72	2	122	26	14	6
1998	8	47	32	0	73	11	7	8
1997	3	45	60	1	67	8	11	10
1996	9	24	97	1	57	26	18	3
1995	17	28	77	1	55	9	10	3
1994	7	13	56	3	131	16	4	9
1993	9	20	48	2	95	12	9	2
1992	2	31	113	6	123	9	14	3
1991	10	35	57	2	151	7	7	5
1990	7	28	44	1	129	11	30	5
<b>TOTAL</b>	<b>825</b>	<b>991</b>	<b>2,471</b>	<b>233</b>	<b>19,584</b>	<b>8,802</b>	<b>547</b>	<b>1,275</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:

DC (2013): CDC notes Lyme is restored as a notifiable disease in the District of Columbia. Source: DVBD  
 (2011): CDC notes Lyme is no longer a notifiable disease in the District of Columbia. Source: MMWR

## Total Lyme Cases Reported by CDC 1990–2021\*

Year	West Virginia (WV)	Wisconsin (WI)	Wyoming (WY)	TOTAL
2021	1,792	2,193	2	24,610
2020	1,065	1,447	0	18,000
2019	885	2,178	5	34,945
2018	671	1,869	0	33,666
2017	648	3,000	4	42,743
2016	368	2,295	1	36,429
2015	289	1,894	1	38,069
2014	136	1,361	3	33,461
2013	143	1,872	3	36,307
2012	97	▲ 1,766	4	30,831
2011	118	3,649	2	33,097
2010	145	3,488	0	30,158
2009	201	2,589	3	38,468
2008	135	2,034	3	35,198
2007	84	1,814	3	27,444
2006	28	1,466	1	19,931
2005	61	1,459	3	23,305
2004	38	1,144	4	19,804
2003	31	740	2	21,273
2002	26	1,090	2	23,763
2001	16	597	1	17,029
2000	35	631	3	17,730
1999	20	490	3	16,273
1998	13	657	1	16,801
1997	10	480	3	12,801
1996	12	396	3	16,455
1995	26	369	4	11,700
1994	29	409	5	13,043
1993	50	401	9	8,257
1992	14	525	5	9,908
1991	43	424	11	9,470
1990	11	337	5	7,943
<b>TOTAL</b>	<b>7,240</b>	<b>45,064</b>	<b>99</b>	<b>758,912</b>

\* Lyme disease case definition was changed in 2008. In addition to "Confirmed" cases, the "Probable" category was reported out for the first time. The numbers used for 2008 forward use the CDC "Total" reported cases (confirmed plus probable). In 2011, CDC changed case definition to include positive CSF antibody tests. Cases from 2017 forward are based on CDC's 2017 case definition.

Per CDC, due to the COVID-19 pandemic, 2019 and 2020 data from some jurisdictions may be incomplete.

Note: CDC has stated, and confirmed in 2013, that only 10% of Lyme disease cases meeting the surveillance definition are reported – for example, if 30,000 cases are reported, 300,000 cases occurred (number does not include all the cases falling outside the stringent surveillance case definition). In 2021, CDC announced that "a recently released estimate based on insurance records suggests that each year, ~476,000 Americans are diagnosed and treated for Lyme disease."

▲ Reporting criteria changed:

WI (2012): WI relaxed its Lyme reporting requirements in 2012 so that providers do not have to report cases without an EM rash unless requested to do so by the local health department. Source: WI Dept. of Health Services