

### Reported Cases of Lyme Disease in New Hampshire, 2011-2016

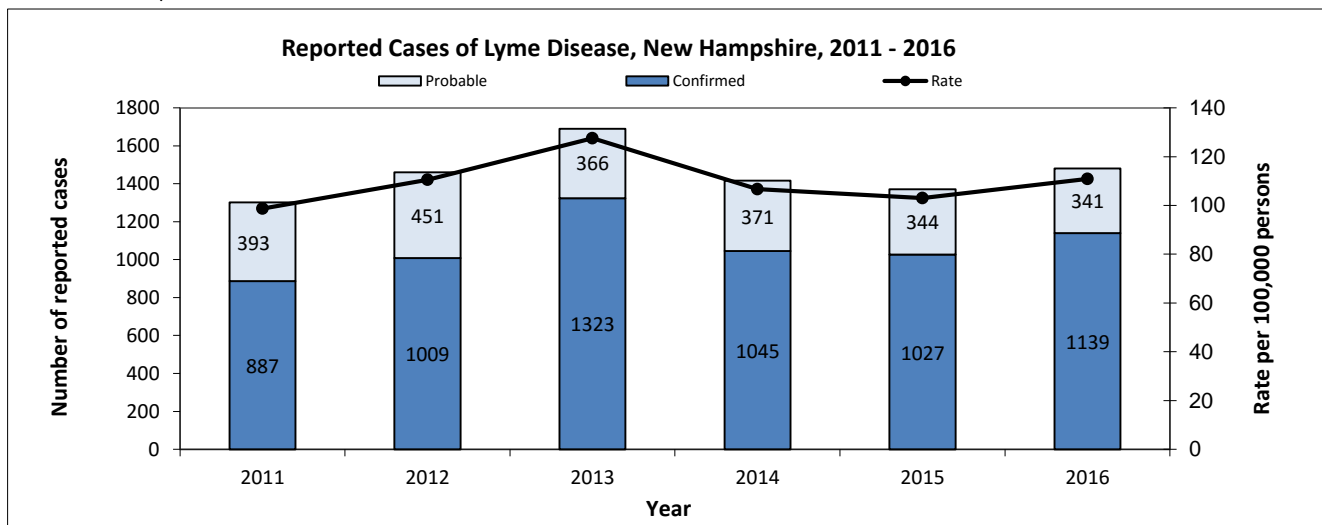
County <sup>3</sup>	2011		2012 <sup>1</sup>		2013		2014 (Estimated) <sup>4</sup>		2015 (Estimated) <sup>4</sup>		2016 (Estimated) <sup>4</sup>	
	Cases	Rate <sup>2</sup>	Cases	Rate <sup>2</sup>	Cases	Rate <sup>2</sup>	Cases	Rate <sup>2</sup>	Cases	Rate <sup>2</sup>	Cases	Rate <sup>2</sup>
Belknap	42	69.7	29	48.1	47	78.1	35	58.0	38	62.7	44	72.4
Carroll	53	111.2	48	100.9	60	126.3	49	103.4	49	103.6	55	116.3
Cheshire	61	79.3	43	56.0	72	94.0	50	65.7	52	68.5	62	81.8
Coos	10	30.6	5	15.6	2	*	3	*	3	*	3	*
Grafton	40	45.0	43	48.2	78	87.0	54	60.2	51	57.1	59	66.4
Hillsborough	388	96.6	429	106.5	499	123.5	418	103.2	390	95.9	415	101.8
Merrimack	108	73.7	125	85.2	147	100.1	122	82.9	140	94.6	160	107.7
Rockingham	422	142.5	550	184.7	526	175.8	488	162.3	456	151.1	469	154.7
Strafford	155	125.1	172	138.6	212	170.2	173	137.7	163	128.5	177	138.9
Sullivan	22	50.6	16	37.1	39	90.7	24	55.7	29	67.5	36	83.7
<b>Total Cases (meet case definition)</b>	<b>1,301</b>	<b>98.7</b>	<b>1,460</b>	<b>110.5</b>	<b>1,689</b>	<b>127.6</b>	<b>1,416</b>	<b>106.7</b>	<b>1,371</b>	<b>103.0</b>	<b>1,480</b>	<b>110.9</b>
Confirmed	887		1,009		1,323		1,045		1,027		1,139	
Probable	414		451		366		371		344		341	
<b>Total Reports Received</b>	2,246		2,739		3,188		2,664		2,659		2,824	

1. Case counts beginning in 2012 are based on the 2011 Lyme Disease case definition adopted by CDC and CSTE. Changes in case definition over time make it difficult to compare incidence across years as it is unclear how these changes altered the number of reported cases classified as probable or confirmed in New Hampshire.

2. Rate per 100,000 persons. Rates calculated on events <20 are considered statistically unreliable and should be interpreted with caution. Rates not calculated for counties with 1-4 cases due to instability of the rate calculation.

3. Data on county of residence are incomplete or not available for 7 cases in 2013, 65 reports received in 2014, 192 reports received in 2015, and 466 reports received in 2016.

4. Due to staffing vacancies and elimination of positions, suspect cases of Lyme disease reported in 2014, 2015, and 2016 could not be investigated to determine whether or not they met the case definition for Lyme disease. The number of cases in 2014, 2015, and 2016 were estimated based on the number of reports received and historical data.



Note: All the data in this report are based upon information provided to the New Hampshire Department of Health and Human Services under specific legislative authority. The numbers reported may represent an underestimate of the true absolute number and incidence rate of cases in the state. The department is not responsible for any duplication or misrepresentation of surveillance data released in this report. Case counts by year are based on morbidity date, which is the date closest to onset of illness and may represent date of onset, date of diagnosis, or date of report, whichever is earliest. Case counts may not exactly match data published yearly by the Centers for Disease Control and Prevention. Population data used in this report comes from the U.S. Census Bureau. Data are complete as of July 25, 2017.

Data sources: New Hampshire Electronic Disease Surveillance System

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