

**LYME DISEASE**  
**SURVEILLANCE 2006–2010**  
 Rhode Island Department of Health  
 Division of Infectious Disease & Epidemiology

Figure 1. Reported Cases of Lyme Disease by Year, RI, 2006–2010

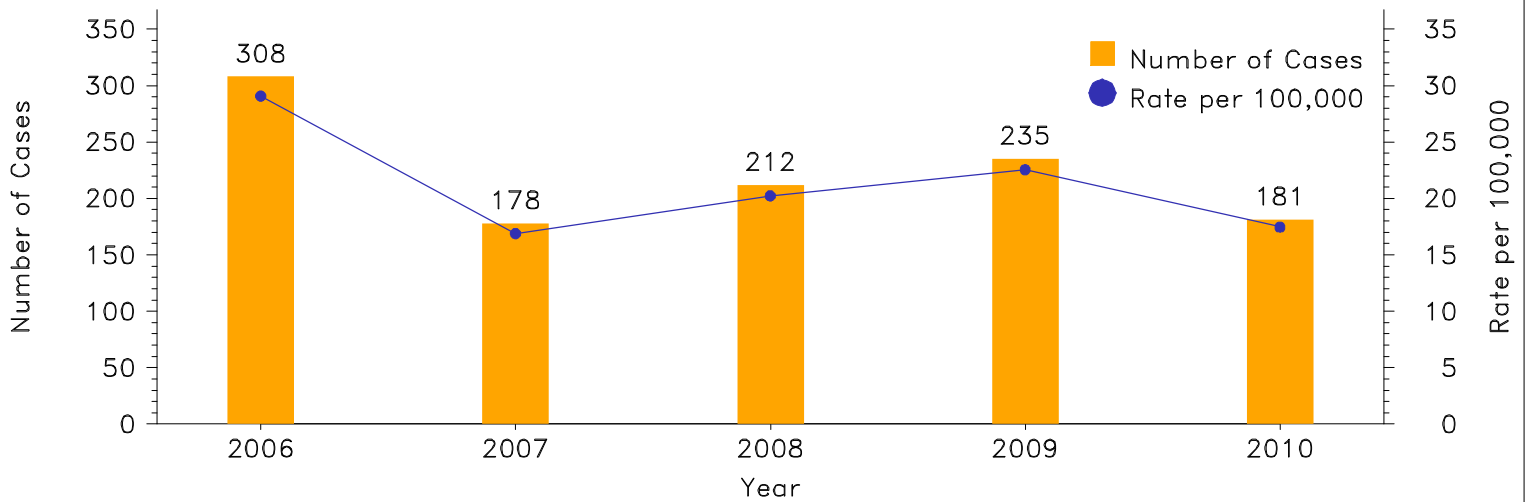


Figure 2. Rate of Lyme disease by Age Group, RI, 2010

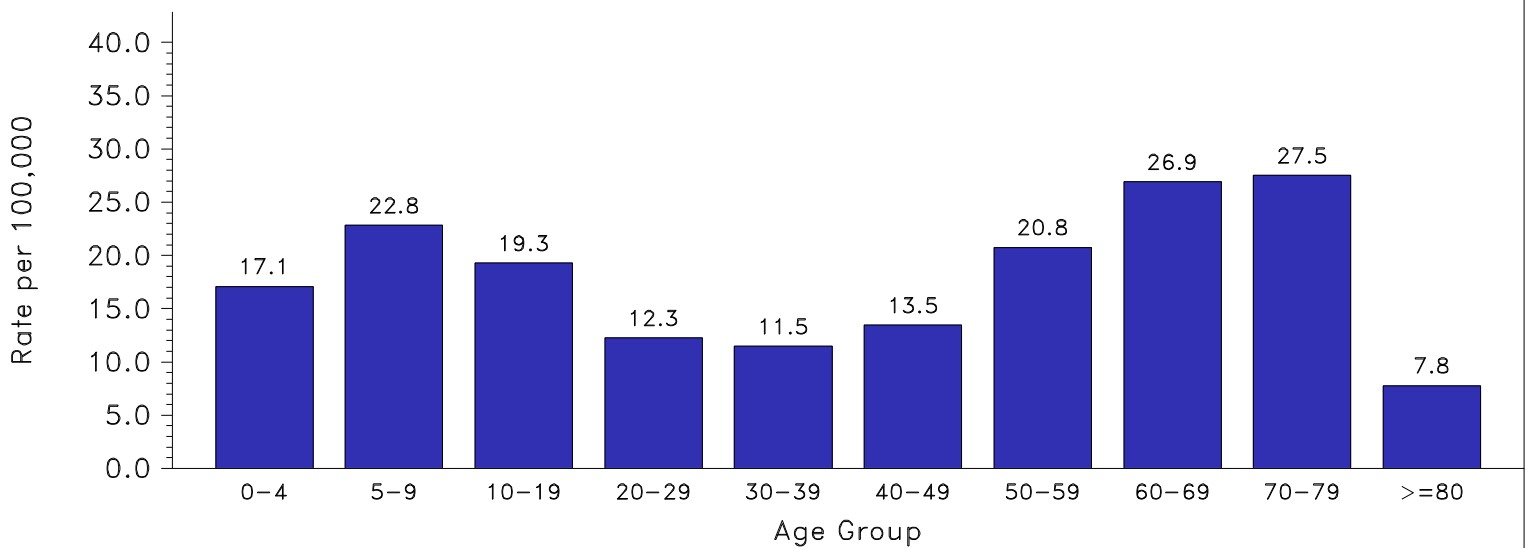


Figure 3. Rate of Lyme Disease by Sex and Year, RI, 2006–2010

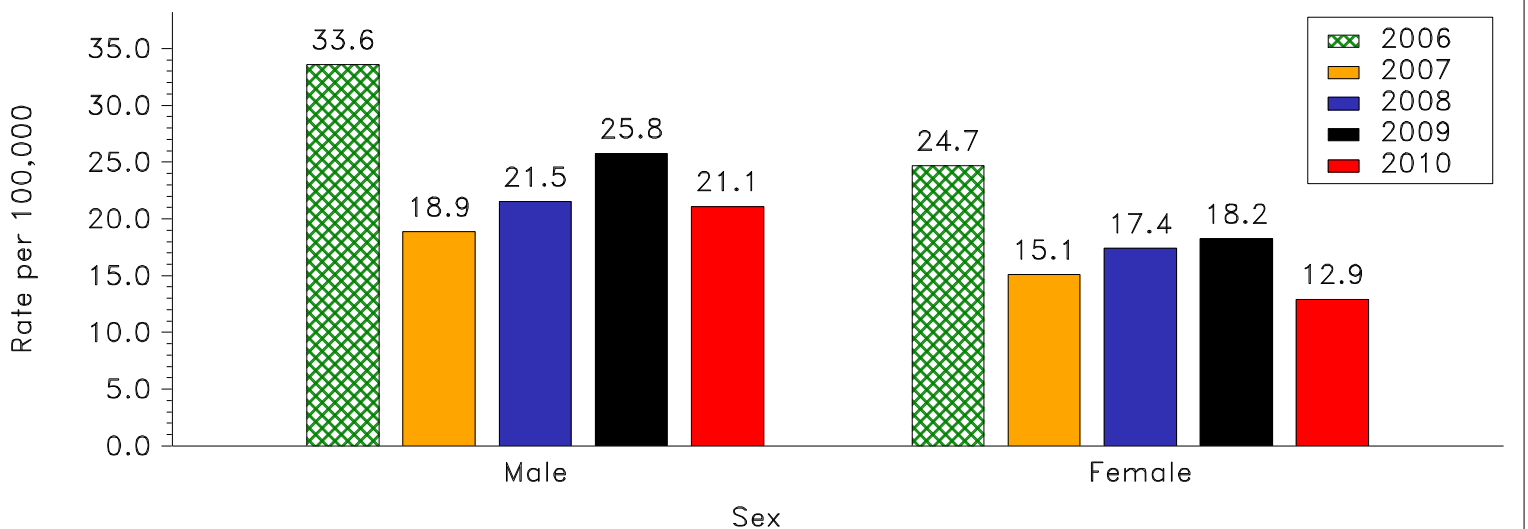


Figure 4. Reported Cases of Lyme Disease by Month and Year, RI, 2006–2010

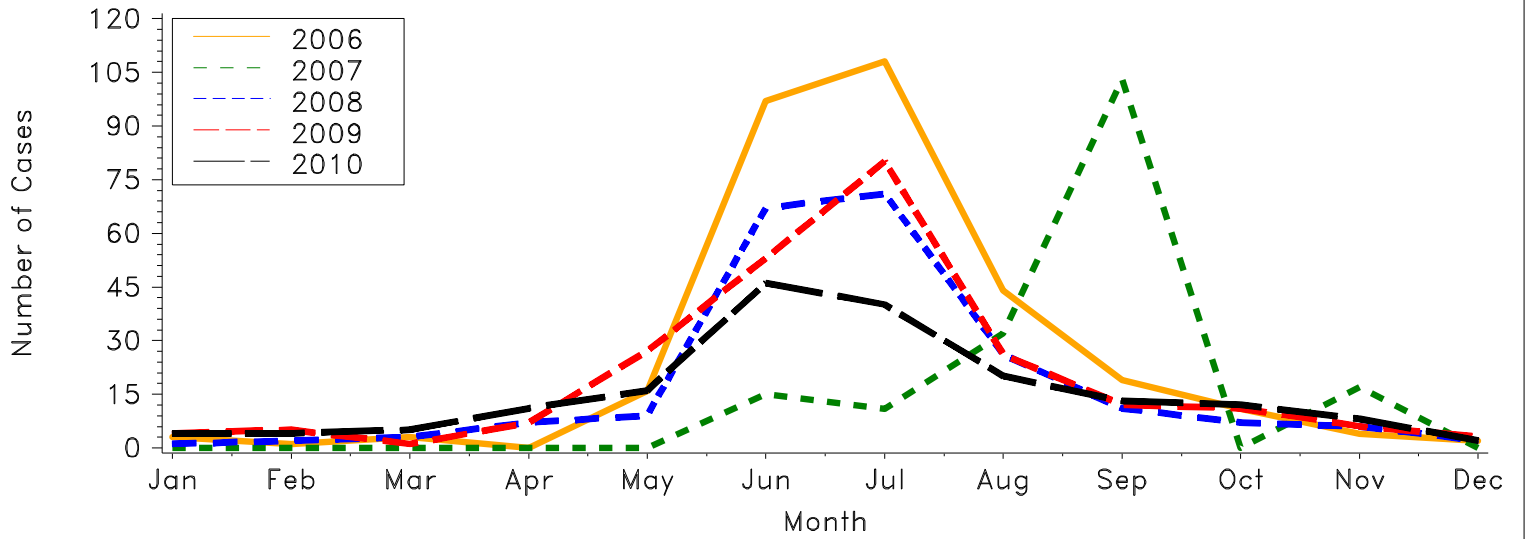
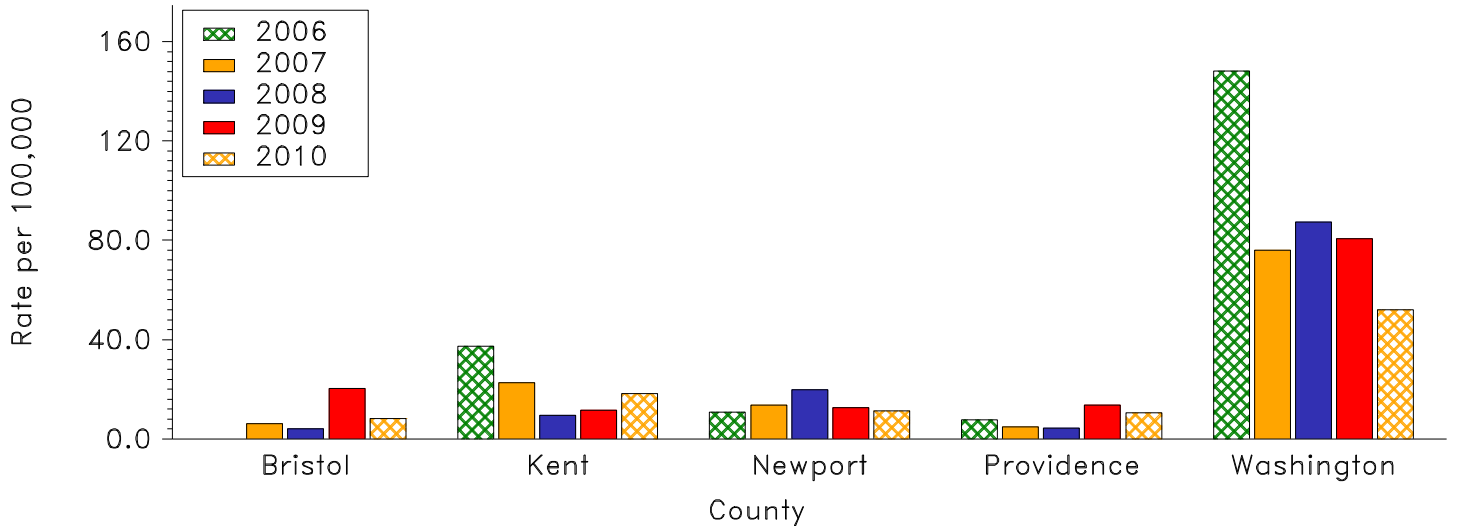


Figure 5: Rate of Lyme Disease by County and Year, RI, 2006–2010



*Rhode Island Department of Health, Division of Infectious Disease and Epidemiology*

Table 1. Frequency by Year	Year				
	2006	2007	2008	2009	2010
Number of Cases	308	178	212	235	181

Table 2. Rate by Year	Year				
	2006	2007	2008	2009	2010
Rate per 100,000	29.1	16.9	20.2	22.6	17.5

Table 3. Frequency by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	20	18	17	12	10
5-9	39	20	18	33	13
10-19	46	20	29	29	27
20-29	25	11	18	23	18
30-39	22	16	17	21	14
40-49	52	33	28	30	21
50-59	50	30	30	35	31
60-69	27	11	35	27	27
70-79	15	9	10	19	15
>=80	12	1	6	6	4
Unknown	0	9	4	0	1
All	308	178	212	235	181

- Notes:**
- Lyme case counts include patients classified as either confirmed or probable cases.*
  - Event date is generated based on the availability of data in the following order:  
(1) illness onset date; (2) specimen collection date; (3) date of report to public health agency.*
  - Rate is calculated per 100,000 population. The population denominator is based on US Census Population. Rates are based on census data specific for each year (2006-2010 census data).*

Rhode Island Department of Health, Division of Infectious Disease and Epidemiology

Table 4. Rate by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	32.7	29.6	28.4	20.3	17.1
5-9	62.6	32.8	30.2	56.6	22.8
10-19	31.0	13.7	20.1	20.4	19.3
20-29	17.4	7.6	12.4	15.7	12.3
30-39	15.8	11.8	13.0	16.6	11.5
40-49	31.3	20.2	17.4	18.9	13.5
50-59	35.2	21.1	20.7	23.8	20.8
60-69	32.0	12.2	37.6	27.9	26.9
70-79	24.5	15.1	17.3	33.8	27.5
>=80	24.1	2.0	11.9	11.8	7.8

Table 5. Frequency by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	135	82	94	98	69
Male	172	96	109	130	106
Unknown	1	0	9	7	6
All	308	178	212	235	181

Table 6. Rate by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	24.7	15.1	17.4	18.2	12.9
Male	33.6	18.9	21.5	25.8	21.1

- Notes:
1. Lyme case counts include patients classified as either confirmed or probable cases.
  2. Event date is generated based on the availability of data in the following order:
    - (1) illness onset date; (2) specimen collection date; (3) date of report to public health agency.
  3. Rate is calculated per 100,000 population. The population denominator is based on US Census Population. Rates are based on census data specific for each year (2006-2010 census data).

Rhode Island Department of Health, Division of Infectious Disease and Epidemiology

Table 7. Frequency by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	0	3	2	10	4
Kent	63	38	16	19	30
Newport	9	11	16	10	9
Providence	48	30	27	84	65
Washington	188	96	110	101	65
All	308	178	171	224	173

Table 8. Rate by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	0.0	6.0	4.0	20.3	8.2
Kent	37.2	22.6	9.6	11.4	18.2
Newport	10.8	13.6	19.8	12.5	11.4
Providence	7.6	4.8	4.3	13.5	10.5
Washington	148	75.9	87.4	80.5	52.1

Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Jan	3	0	1	4	4
Feb	1	0	2	5	4
Mar	3	0	3	1	5
Apr	0	0	7	7	11
May	16	0	9	27	16
Jun	97	15	67	53	46
Jul	108	11	71	80	40
Aug	44	32	26	26	20

(Continued)

- Notes:
1. Lyme case counts include patients classified as either confirmed or probable cases.
  2. Event date is generated based on the availability of data in the following order:
    - (1) illness onset date; (2) specimen collection date; (3) date of report to public health agency.
  3. Rate is calculated per 100,000 population. The population denominator is based on US Census Population. Rates are based on census data specific for each year (2006-2010 census data).

Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Sep	19	103	11	12	13
Oct	11	0	7	11	12
Nov	4	17	6	6	8
Dec	2	0	2	3	2
All	308	178	212	235	181

- Notes:**
- 1. Lyme case counts include patients classified as either confirmed or probable cases.**
  - 2. Event date is generated based on the availability of data in the following order:**
    - (1) illness onset date; (2) specimen collection date; (3) date of report to public health agency.**
  - 3. Rate is calculated per 100,000 population. The population denominator is based on US Census Population. Rates are based on census data specific for each year (2006-2010 census data).**