

## **TICK-BORNE DISEASE ON ISLESBORO IN 2015**

Below is a summary of Islesboro's tick-borne disease statistics in the past year, with comparative figures for 2013 and 2014. The number of confirmed cases of Lyme disease in 2015 was 75% higher than the number in 2014.

### TOTAL PATIENTS WHO CAME TO THE HEALTH CENTER AFTER A TICK BITE

	<u>2015</u>	<u>2014</u>	<u>2013</u>
March	<b>0</b>	1	0
April	<b>2</b>	8	5
May	<b>26</b>	27	15
June	<b>30</b>	13	37
July	<b>37</b>	43	59
August	<b>23</b>	23	40
September	<b>4</b>	6	10
October	<b>11</b>	14	24
November	<b>8</b>	7	13
December	<b><u>1</u></b>	<u>2</u>	<u>0</u>
Total	<b>142</b>	144	203

### DIAGNOSIS AND TREATMENT

Observation, no treatment.	<b>21</b>	58	50
Tick bite, attached for 24 hours or more. Suspicion of infection. One-time dose doxycycline.	<b>61</b>	62	67
Strong suspicion of Lyme disease based on clinical analysis: tick bite, attached for 24 hours or more. Fever, aching joints, fatigue. 3-week course of antibiotic.	<b>16</b>	19	27
Confirmed cases of Lyme disease reportable to the State CDC: tick bite attached for 24 hours or more, "bull's-eye" rash or positive results from blood test. 3-week course of antibiotic.	<b>42</b>	24	53
Confirmed cases of anaplasmosis (in addition to Lyme), reportable to the State. Appropriate antibiotics.	<b>2</b>	1	0

Potential for secondary illness that can involve chronic symptoms.	<b>6</b>	3	0
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**DEMOGRAPHIC BREAKDOWN**

Females	<b>66</b>	69	92
Males	<b>76</b>	75	111
Ages (not all patients are included for 2013)			
0-9	<b>11</b>	9	8
10-19	<b>3</b>	5	5
20-29	<b>19</b>	15	10
30-39	<b>6</b>	12	4
40-49	<b>9</b>	14	12
50-59	<b>18</b>	29	27
60-69	<b>36</b>	33	23
70-79	<b>33</b>	23	10
80+	<b>7</b>	3	4
Islesboro residents	<b>83</b>	88	113
Seasonal residents or other	<b>59</b>	56	90

**LOCATION WHEN BITTEN**

Islesboro	<b>126</b>	135	188
Acre Island	<b>1</b>	1	5
Spruce/Warren	<b>1</b>	0	0
Mainland or out of state	<b>14</b>	8	10

**MEDICAL COSTS**

IHC visits:	\$8,137	\$7,735
Medications:	<u>2,686</u>	<u>1,877</u>
	\$10,823	\$9,612

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