

## TICK-BORNE DISEASE ON ISLESBORO IN 2016

Below is a summary of patients treated for tick bites by the Islesboro Health Center in the past year, with comparative figures for 2013, 2014, and 2015. For 2016, the cases resulting from a tick bite likely received off-island are marked by an asterisk (\*).

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

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
March	2	0	1	0
April	12	2	8	5
May	18	26	27	15
June	15	30	13	37
July	27	37	43	59
August	12	23	23	40
September	6	4	6	10
October	16	11	14	24
November	23	8	7	13
December	<u>1</u>	<u>1</u>	<u>2</u>	<u>0</u>
Total	<b>132</b>	142	144	203

### DIAGNOSIS AND TREATMENT

Observation, no treatment.	<b>17 + 6*</b>	21	58	50
Tick bite, attached for 24 hours or more. Suspicion of infection. One-time dose doxycycline.	<b>52 + 4*</b>	61	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>27 + 1*</b>	16	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>23 + 2*</b>	42	24	53
Confirmed cases of anaplasmosis (in addition to Lyme), reportable to the State. Appropriate antibiotics.	<b>0</b>	2	1	0

Potential for secondary illness that can involve chronic symptoms.	<b>0</b>	6	3	0
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\* Tick bite likely off-island

DEMOGRAPHIC BREAKDOWN

Females	<b>49</b>	66	69	92
Males	<b>83</b>	76	75	111
Ages (not all patients are included for 2013)				
0-9	<b>10</b>	11	9	8
10-19	<b>5</b>	3	5	5
20-29	<b>20</b>	19	15	10
30-39	<b>12</b>	6	12	4
40-49	<b>13</b>	9	14	12
50-59	<b>17</b>	18	29	27
60-69	<b>27</b>	36	33	23
70-79	<b>23</b>	33	23	10
80+	<b>5</b>	7	3	4
Islesboro residents	<b>89</b>	83	88	113
Seasonal residents or other	<b>43</b>	59	56	90

LOCATION WHEN BITTEN

Islesboro	<b>115</b>	126	135	188
Acre Island	<b>3</b>	1	1	5
Spruce/Warren	<b>1</b>	1	0	0
Mainland or out of state	<b>13</b>	14	8	10

MEDICAL COSTS

IHC visits:	\$8,580	\$8,137	\$7,735
Medications:	<u>1,988</u>	<u>2,686</u>	<u>1,877</u>
	\$10,568	\$10,823	\$9,612

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