

TICK-BORNE DISEASE ON ISLESBORO IN 2018

Below is a summary of patients treated for tick bites by the Islesboro Health Center in the past year, with comparative figures for 2014-2017. For 2016-2018, the cases resulting from a tick bite received in an unknown location or likely received off-island are marked by an asterisk (*).

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

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
March	0	0	2	0	1
April	5	13	12	2	8
May	24	29	18	26	27
June	18	29	15	30	13
July	41	47	27	37	43
August	18	48	12	23	23
September	3	3	6	4	6
October	9	33	16	11	14
November	6	19	23	8	7
December	0	<u>3</u>	<u>1</u>	<u>1</u>	<u>2</u>
Total	124+13*	224	132	142	144

DIAGNOSIS AND TREATMENT

Observation, no treatment.	32+5*	40+4*	17 + 6*	21	58
Precaution. Tick attached 24+ hours, no erythema migrans (EM) rash. One-time dose antibiotic.	41+ 3	97+4*	52 + 4*	61	62
Probable Lyme disease. Tick attached 24+ hours, no EM rash. Clinical symptoms, e.g., fever, fatigue, joint swelling/pain, flu-like symptoms 3-week course of antibiotic.	24+4	23+1*	27 + 1*	16	19
Confirmed Lyme disease. EM rash or positive blood test results. Reportable to the State CDC. 3-week course of antibiotic.	26+1	50 +5*	23 + 2*	42	24
Confirmed cases of anaplasmosis (in addition to Lyme), reportable to the State. Appropriate antibiotics.	1	0	0	2	1
Potential for secondary illness that can involve chronic symptoms.	0	0	0	6	3

DEMOGRAPHIC BREAKDOWN

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Females	53+3	94	49	66	69
Males	71+10	130	83	76	75
Ages					
0-9	15+2	12	10	11	9
10-19	5	9	5	3	5
20-29	7+1	12	20	19	15
30-39	9+2	13	12	6	12
40-49	7+1	15	13	9	14
50-59	24+1	39	17	18	29
60-69	25+4	62	27	36	33
70-79	23+2	47	23	33	23
80+	9	15	5	7	3
Islesboro residents	64	121	89	83	88
Seasonal residents or other	60	103	43	59	56

LOCATION WHEN BITTEN

Islesboro	121	210	115	126	135
Acre Island	3	1	3	1	1
Spruce/Warren	0	0	1	1	0
Mainland or out of state, unknown	13	13	13	14	8

MEDICAL COSTS

IHC visits:	\$ 8,905	\$14,560	\$8,580	\$8,137	\$7,735
Medications:	<u>3,513</u>	<u>5,446</u>	<u>1,988</u>	<u>2,686</u>	<u>1,877</u>
	\$12,418	\$20,006	\$10,568	\$10,823	\$9,612

Linda Wentworth FNP-C, Islesboro Health Center

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