

## Nova Scotia Lyme Disease Statistics 2019 -01-27

NS Population Estimate January 2019: 964,693  
Number of Confirmed Lyme Cases [NS] 2017: 586  
Rate/100,000 population 60.7/100,00

**90%** of cases are missed - *Under-Detection of Lyme Disease in Canada*, Lloyd VK, Hawkins R, *Healthcare* **2018**, 6(4), 125; doi:[10.3390/healthcare6040125](https://doi.org/10.3390/healthcare6040125)  
<https://www.mdpi.com/2227-9032/6/4/125/htm>

Revised 2017 N.S. case numbers of N.S. Lyme disease: **5,860**  
Revised N.S. 2017 Lyme disease rate: **607.5/100,000**

**Western Zone:** Nova Scotia Health District **No. 1** is composed of Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings Counties has **21%** of Nova Scotia's population [n194,985] but **81.3%** of the confirmed cases [n476].

<b>County</b>	<b>Population [2016]</b>
Lunenburg	47,126
Queens	10,960
Shelburne	13,966
Yarmouth	24,419
Digby	17,323
Annapolis	20,591
Kings	60,600
<b>TOTAL</b>	<b>194,985</b>

2017 Health District 1 Incidence rate: 244/100,000  
2017 Health District 1 Incidence rate **revised:** **2,440/100,000**  
[Total=**4,880**]

### **Other infectious disease rates in Canada:**

Chlamydia 325/100,000  
Lyme [rest of Canada] 27/100/000 [revised]  
Gonorrhoea 2015 55.4/100,000  
Syphilis 9.3/100/000  
T.B. 5.1/100/000  
T.B Nunavut 261.6/100,000  
HIV/ AIDS 6.4/100,000

### US Rates of Lyme disease [\*revised]

Maine 2017 1,324/100/000  
Rhode Island 1,070/100/000  
Old Lyme Connecticut 2,499/100,000  
Hampton CT 2017 4,294/100,000  
Columbia County NY 6,350/100,000

Reference: *Notifiable Diseases in Nova Scotia 2017 Surveillance Report*, NS Dept. of Health & Wellness:

<https://novascotia.ca/dhw/populationhealth/documents/Annual-Notifiable-Disease-Surveillance-Report-2017.pdf>

- **Nova Scotia 2017 Disease Numbers and Incidence per 100,000 population**

	<b>Number</b>	<b>Incidence per 100,000</b>
NS Western Health Zone No. 1 Lyme disease 2017 revised	4,760	<b>2,440</b> /100,000
Nova Scotia Lyme disease cases 2017 revised	5,860	<b>607.5</b> /100,000
Chlamydia	2,988	313.3/100,000
Syphilis	38	3.9/100,000
Pertusis	45	4.7/100,000
Tuberculosis	9	0.9/100,000
Hepatitis C	295	30.9/100,000
C difficile	927	97.2/100,000
HIV/AIDS	15	1.6/100,000
Campylobacteriosis	185	19.4/100,000
Salmonellosis	171	17.9/100,000
MRSA	522	54.7/100,000

NS Population in 2017: 953,869

According to these figures there were 665 more case of Lyme than all the other disease combined that are found on this list. No matter how bad the situation gets there is never enough money for basic research and what little there is goes to status quo researchers.

\* *CDC provides estimate of the number of Americans diagnosed with Lyme disease each year.* Press Release, August 19, 2013:

<https://www.cdc.gov/media/releases/2013/p0819-lyme-disease.html>

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