

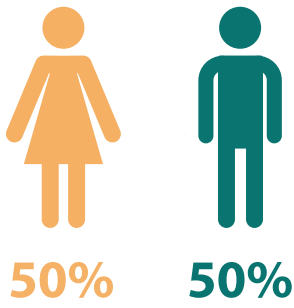
Lyme disease is a bacterial illness that affects people and animals. It spreads by the bite of an infected black-legged tick.

Stats

# 115

**cases of Lyme disease were reported in Durham Region between 2013 and 2017**

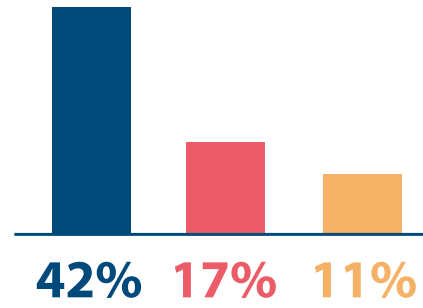
Cases are evenly split between males and females



The average age at time of illness is 42 years

## 42 YEARS

Lyme disease was most common in:  
**Adults aged 50 and over**  
**Children aged 14 and under**  
**Females aged 30-39**



There were **4X** more cases reported in 2017 (47) than in 2013 (12)



Risk Factors



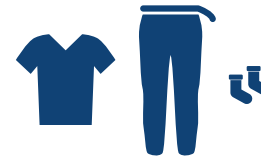
Activities in wooded or tall grass areas  
**81%** of cases



Not checking for ticks after outdoor activities  
**52%** of cases



Tick bite or exposure to ticks  
**47%** of cases



Inadequate clothing protection during outdoor activities  
**39%** of cases



Not using insect repellent during outdoor activities  
**29%** of cases

Symptoms



Bull's eye rash (Erythema migrans)  
**67%** of cases



Muscle or joint pain  
**49%** of cases



Fatigue  
**47%** of cases



Fever  
**35%** of cases



Headache  
**33%** of cases

Treatment

The key to successful recovery is early diagnosis and prompt antibiotic treatment



Patients should be treated according to guidelines with:

**DOXYCYCLINE OR CEFUROSIME  
AXETIL OR AMOXICILLIN**



Treatment may need to be adjusted according to age, medical history, pregnancy status or other health related factors



Sources:

- Ontario Ministry of Health and Long-Term Care, integrated Public Health Information System (iPHIS) database, 2013-2017
- Lyme Disease, Public Health Agency of Canada & Health Canada. Canada.ca/LymeDisease