

LYME DISEASE SURVEILLANCE IN CANADA

Preliminary Annual Edition 2019

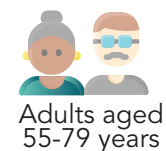
WHAT IS LYME DISEASE?

- ▶ **Lyme disease** is a bacterial infection transmitted to humans through the bite of an infected tick
- ▶ Early **clinical manifestations** can present as flu-like symptoms including joint pain and/or bull's eye rash. If untreated, individuals may experience cardiac and neurologic manifestations and arthritis

WHAT IS THE RISK?

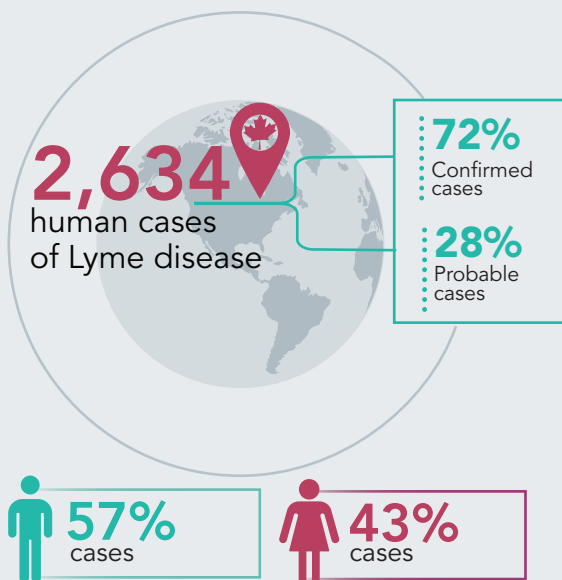
- ▶ **Lyme disease** is the most frequently reported **vector-borne disease** in Canada
- ▶ The **greatest risk** of acquiring Lyme disease occurs in regions where populations of ticks carrying the bacteria, *Borrelia burgdorferi*, have become established

WHO'S AT GREATER RISK?

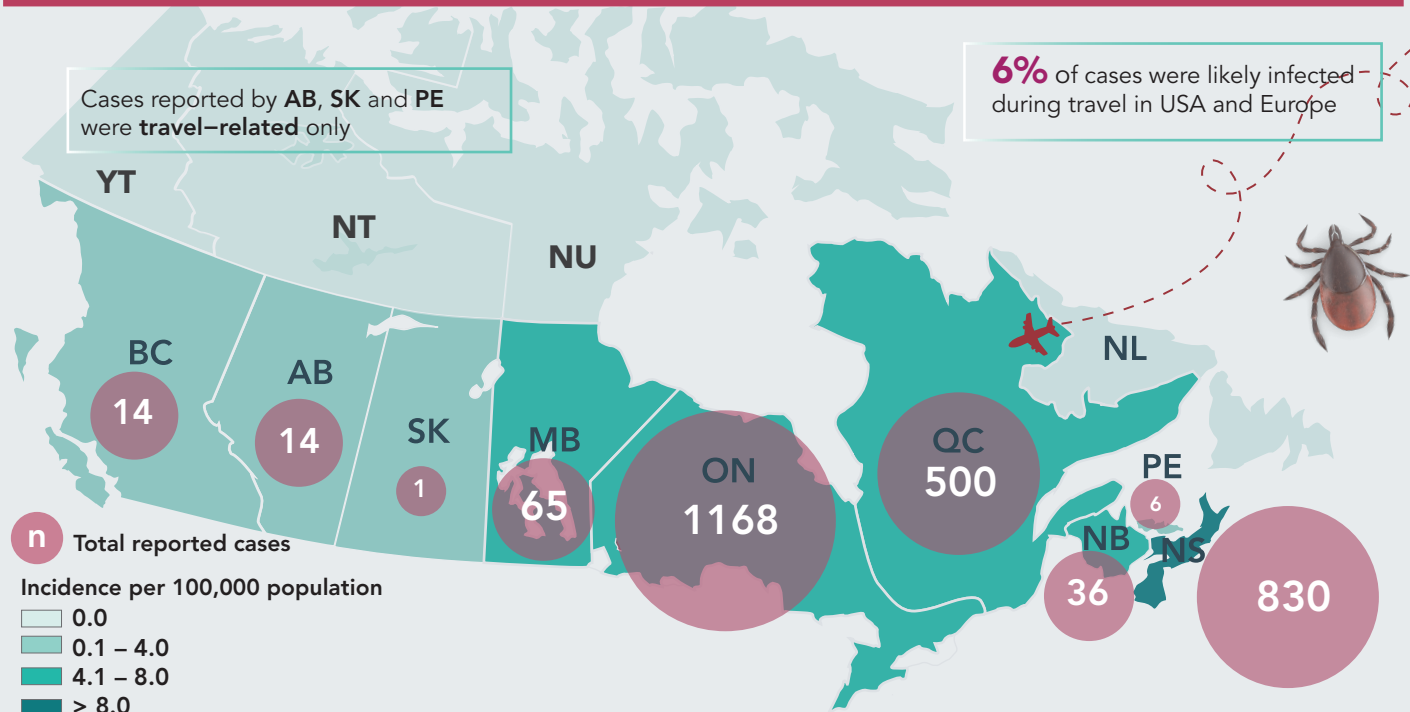


FACTS

REPORTED IN 2019



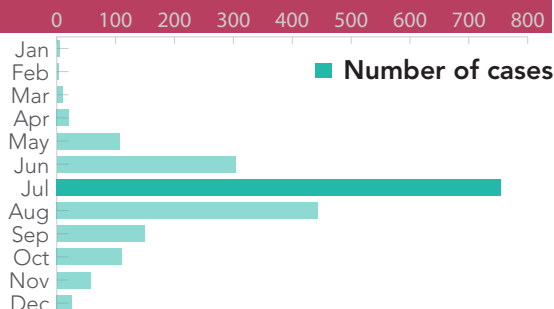
GEOGRAPHIC DISTRIBUTION OF REPORTED CASES



SEASONALITY

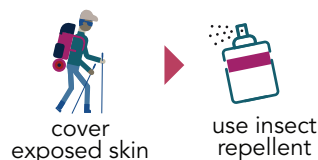
38% OF CASES REPORTED AN ILLNESS ONSET IN JULY

97% OF THE CASES OCCURRED FROM MAY THROUGH NOVEMBER



PUBLIC HEALTH RECOMMENDATIONS

TIPS TO AVOID TICK BITES: PROTECTING YOURSELF WHEN DOING OUTDOOR ACTIVITIES



REDUCING RISK

