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?





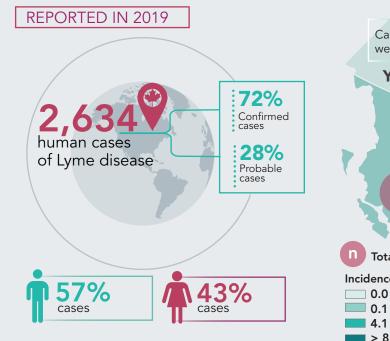


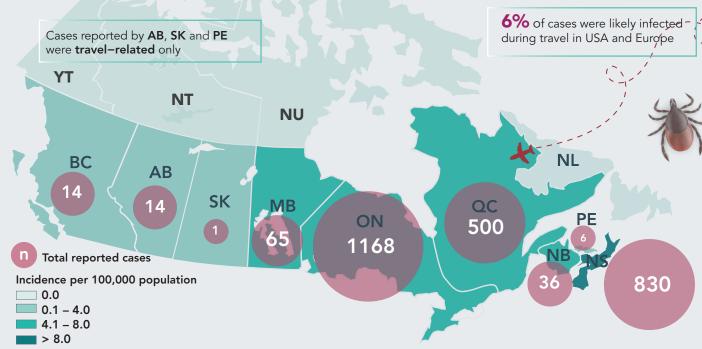




FACTS

GEOGRAPHIC DISTRIBUTION OF REPORTED CASES

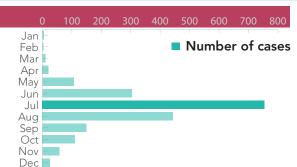




SEASONALITY

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





use insect repellent



do a full body check for ticks after each outdoor activities



remove ticks using clean, fine-point tweezers



Agency of Canada

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