Tick species submitted in Western Canada

Tick species submitted to provincial surveillance programs (5 year average, 2015-2019)*

- Each tick species has its own climate and habitat preferences
- *There are no *Ixodes scapularis* populations known to be established in BC, AB, or SK
- *Ixodes scapularis* and/or *Ixodes pacificus* are occasionally found in AB and SK and may arrive on traveling people and pets or migrating wildlife

Ticks submitted to provincial surveillance programs (5 year average, 2015-2019)*

- British Columbia
  - 654 ticks submitted
  - 196 *Ixodes* ticks submitted
  - 50 *Ixodes pacificus* ticks submitted
  - 64 *Ixodes angustus* ticks submitted
  - 10 *Dermacentor* ticks submitted

- Alberta
  - 2144 ticks submitted
  - 196 *Ixodes* ticks submitted
  - 159 *Ixodes pacificus* ticks submitted
  - 153 *Ixodes angustus* ticks submitted
  - 10 *Dermacentor* ticks submitted

- Saskatchewan
  - ~3919 ticks submitted
  - 9 *Ixodes* ticks submitted
  - 100 *Ixodes pacificus* ticks submitted
  - 9 *Ixodes angustus* ticks submitted

*NOTE: These data provide insight into the proportion of sampled ticks that belong to each genus or species. Sampling methods differ by province and the number of samples is not a direct indicator of tick occurrence. The data do not enable comparisons between provinces.

Ixodes ticks tested for Lyme bacteria (5 year average, 2015-2019)*

- British Columbia
  - 862 *Ixodes* ticks tested
  - 2 positive for Lyme bacteria

- Alberta
  - 198 *Ixodes* ticks tested
  - 31 positive for Lyme bacteria

- Saskatchewan
  - 9 *Ixodes* ticks tested
  - 1 positive for Lyme bacteria

*NOTE: These data provide insight into the proportion of sampled ticks that belong to each genus or species. Sampling methods differ by province and the number of samples is not a direct indicator of tick occurrence. The data do not enable comparisons between provinces.

Surveillance systems are in place to:
1) Identify ticks found on people and pets
2) Test ticks for important diseases such as Lyme disease

Only some species of *Ixodes* ticks carry Lyme bacteria

*Ixodes pacificus* is less likely than *Ixodes scapularis* to carry Lyme bacteria

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For information on ticks and tick prevention, click on the link/logos below:

Alberta.ca

Saskatchewan

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