

Saskatchewan West Nile Virus (WNV) Weekly Surveillance & Transmission Risk Report

WEEK OF SEPTEMBER 02, 2017

Highlights:



Culex tarsalis mosquito numbers continue to decline in south and central Saskatchewan.



WNV transmission risk remains moderate in zone 4 and low in zones 2 and 3. Conditions are conducive for transmission of WNV to people.



WNV positive **Culex tarsalis** mosquitoes were found this past week. Infected mosquitoes remain in the environment.



Culex tarsalis mosquitoes are most active on warm evenings and between dusk and dawn. Take precautions against getting bitten.



Risk of being bitten by an infected mosquito this week by zone

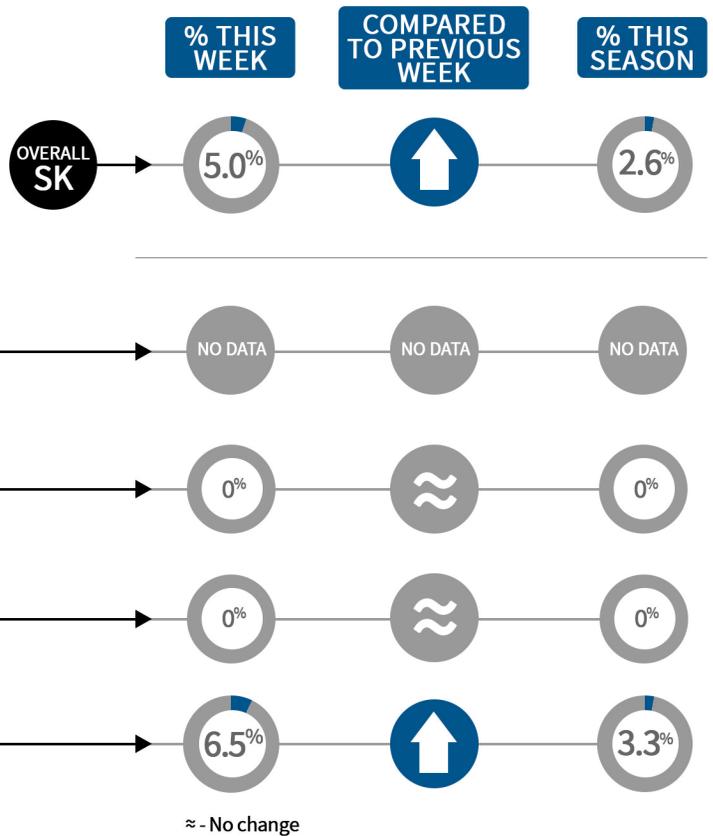
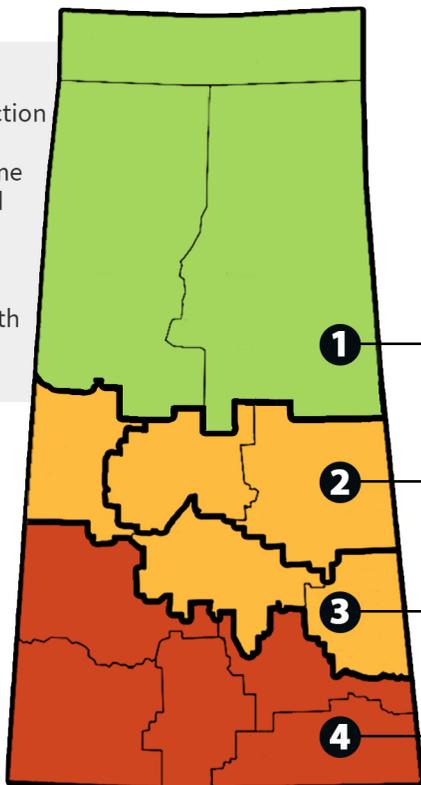


Percentage of mosquito pools that tested positive for WNV this week and this season

The risk of humans acquiring WNV infection depends on various factors including time of year, number and location of infected *Culex tarsalis* mosquitoes, and numbers of days with sufficient heat.

Risk level:

- Minimal
- Low
- Moderate
- High

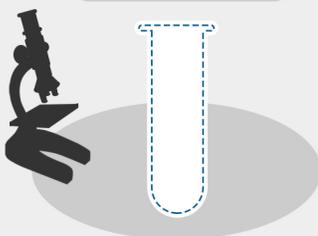


Human surveillance

THIS WEEK

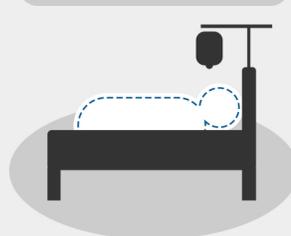
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WNV positive laboratory tests



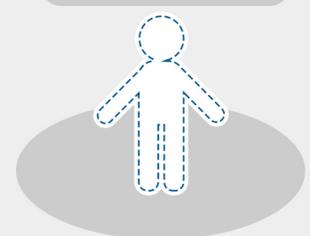
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cases of WNV neuroinvasive disease



0

deaths due to WNV



THIS SEASON

2 positive lab tests

0 neuroinvasive cases

0 deaths due to WNV

A positive lab test does not necessarily indicate a new current WNV infection. It may indicate a WNV infection from a previous year or a cross-reaction with other viruses.