

For Immediate Release | August 7, 2019

West Nile virus risk increases as summer heats up

The mosquito species most likely to carry West Nile virus is most active in August. West Nile virus is a disease that is spread from infected corvid birds (crows, ravens, magpies, and jays) to humans through mosquito bites. It was first detected in B.C. in the South Okanagan during the summer of 2009. Since then there have been five human cases – all locally acquired in the Okanagan. Last year the virus was detected in birds and a horse in the East Kootenay area, confirming the virus is present there as well. Several parts of Canada and the U.S. continue to report ongoing West Nile virus activity.

The risk of infection from handling birds is very low; however, you should not use your bare hands to handle wild birds (dead or alive). If you need to move a dead bird, precautions should be taken. Unusual clusters of dead birds can be reported to the BC Interagency Wild Bird Mortality Investigation at 1-866-431-BIRD (2473).

Mosquitoes can also transmit West Nile virus to horses and occasionally to other animals. Horse owners are advised to contact their veterinarians for information about equine vaccines for West Nile virus.

The risk of becoming seriously ill from West Nile virus infection is low for most people; however, the elderly and those with compromised immune systems are more at risk. There are things everyone can do both at home and while travelling to reduce the risk of infection. Any activity that prevents mosquitoes from biting or breeding can help to reduce the risk of becoming infected with West Nile virus.

- **Prevent mosquito breeding around your home.** It doesn't take much time or water for mosquitoes to develop from eggs into adults. Anything that can hold water can be a mosquito breeding area. Identify and remove potential breeding areas on your property – empty saucers under flowerpots; change water in bird baths twice a week; unclog rain gutters; drain tarps, tires, and other debris where rain water may collect; and, install a pump in ornamental ponds or stock them with fish. Stagnant backyard pools can be a big source of mosquitoes and should be maintained regularly to prevent mosquito growth.
- **Install screens on windows.** Screens will help prevent mosquitoes from coming indoors.
- **Avoid outdoor activities at dusk and dawn.** This is the time of day the mosquitoes that can carry the virus are most active.
- **Wear protective clothing.** If you are in an area with lots of mosquitoes, wear loose fitting, light coloured, full-length pants and a long-sleeved shirt.
- **Use mosquito repellent.** Apply mosquito repellent to areas of exposed skin. Check the product label for instructions on proper use. Repellents containing DEET are safe for those over six months of age when used according to the directions on the label. DEET-free products are available, but may not provide long-lasting protection. View the HealthLinkBC file on DEET (<http://www.healthlinkbc.ca/healthfiles/hfile96.stm>) for guidelines on how frequently to apply repellent.

Interior Health works closely with the B.C. Centre for Disease Control and Canadian Blood Services to monitor West Nile virus activity. Surveillance includes screening the blood supply and reporting human as well as animal cases.

PUBLIC SERVICE ANNOUNCEMENT

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For more Information:

- Interior Health – Mosquitoes and West Nile virus: <http://www.interiorhealth.ca/YourEnvironment/CommunicableDiseaseControl/Pages/Mosquitos.aspx>
- HealthLinkBC – Insect Repellent and DEET: <http://www.healthlinkbc.ca/healthfiles/hfile96.stm>
- BC Centre for Disease Control – West Nile virus information: <http://www.bccdc.ca/health-info/diseases-conditions/west-nile-virus-wnv>