MOSQUITO-BORNE DISEASES SURVEILLANCE REPORT:

Annual Edition (2019 - Preliminary)

WHAT IS THE RISK?

West Nile virus (WNV) is the leading cause of domestically acquired mosquito-borne diseases (MBD) in Canada

WHO'S AT GREATER RISK?

Advanced age and people with **underlying medical conditions** (e.g. diabetes, cancer, heart disease) are at increased risk of WNV neurological syndrome

HOW TO MANAGE?

There is NO SPECIFIC TREATMENT OR VACCINE for WNV

Patients are treated for their symptoms

🤧 clinical cases were likely infected during travel



Positive wild birds 96 Positive mosquito pools PACTS REPORTED IN 2019: 41 clinical case

41
clinical cases
4
asymptomatic
infections

When compared to the previous 5 years, a lower number

Reported number of WNV human clinical cases in Canada, 2014–2019



OTHER MBD

human cases of
CALIFORNIA SEROGROUP
viruses

Positive

horses tested positive for EASTERN EQUINE ENCEPHALITIS virus

PUBLIC HEALTH RECOMMENDATIONS

Avoid becoming infected with WNV and other mosquito-borne diseases by:

PROTECTING YOURSELF



of human and animal cases were observed in 2019.

Recurring fluctuations in the number of WNV infections

from year to year are not unexpected.



use insect repellent

REDUCING SURROUNDING RISK





maintain window and door screening



ed by the Minister of Health, 2021