

WEST NILE VIRUS AND OTHER MOSQUITO-BORNE DISEASES SURVEILLANCE IN CANADA

ANNUAL EDITION | 2020

WHAT'S THE RISK?

▶ West Nile virus (WNV) is the leading cause of domestically acquired **mosquito-borne diseases (MBD)** reported 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

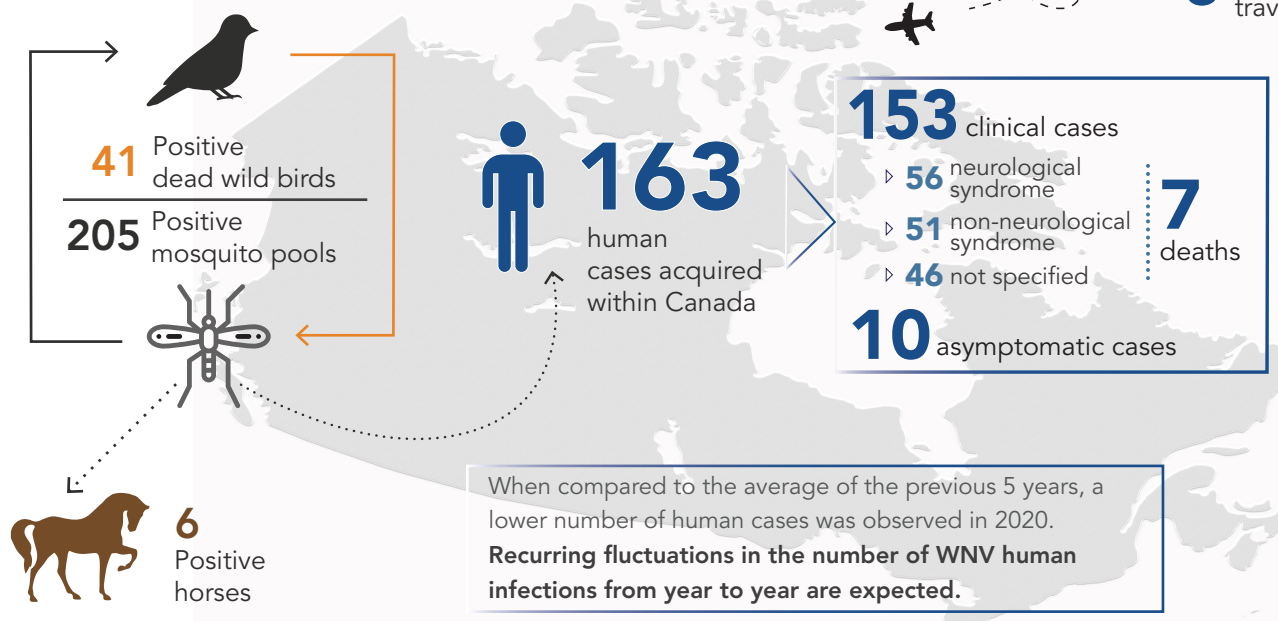
HOW TO MANAGE?

▶ There is **no specific treatment or vaccine** for WNV
 ▶ Patients are treated for their symptoms

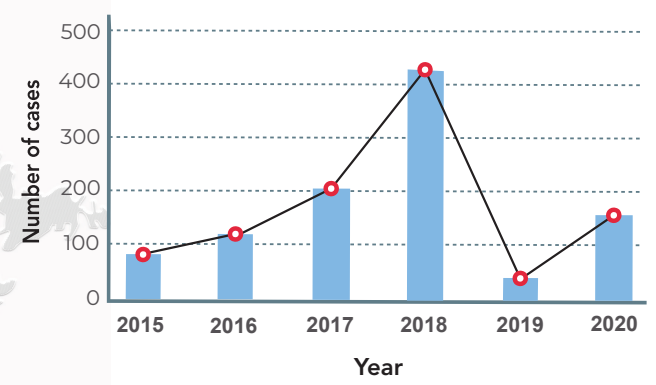


REPORTED IN 2020:

WNV TRANSMISSION CYCLE



Reported number of WNV human cases in Canada, 2015–2020



OTHER MBD

13 Human infections of **California serogroup viruses** (2 reported by National Microbiology Laboratory and 11 by Québec)

8 Horses tested positive for **Eastern Equine Encephalitis virus**

PUBLIC HEALTH RECOMMENDATIONS

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

Protecting yourself

cover exposed skin

use insect repellent with DEET or Icaridin

Reducing surrounding risk

eliminate standing water

maintain window and door screening



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