

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

Annual Edition 2018

## 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?

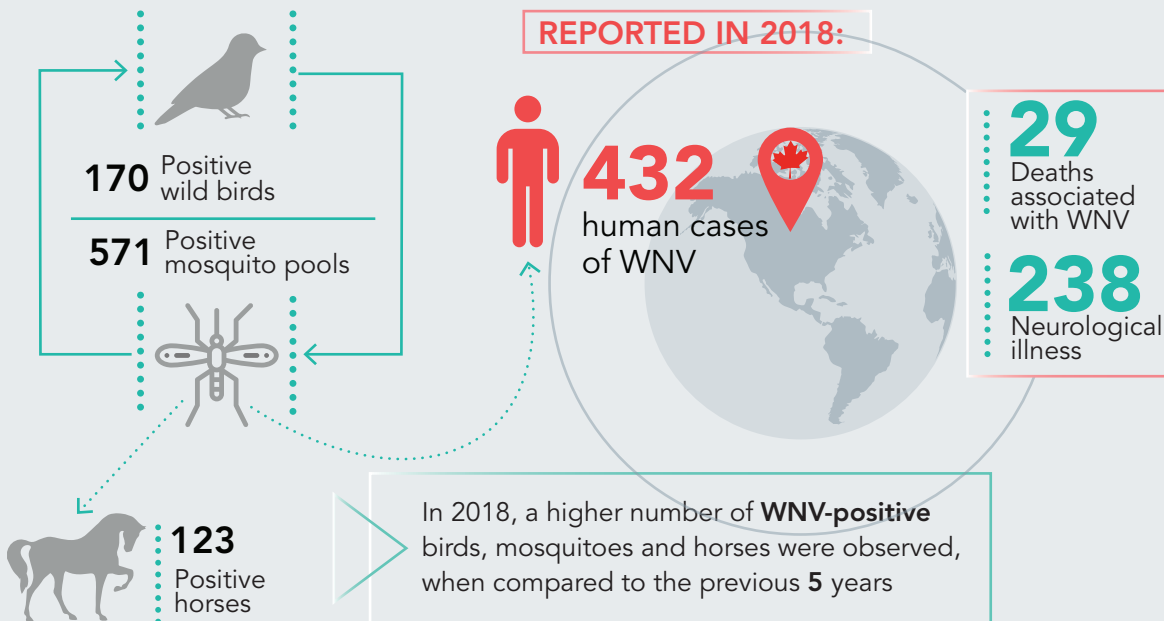
- There is **NO SPECIFIC TREATMENT OR VACCINE** for WNV
- Patients are treated for their symptoms



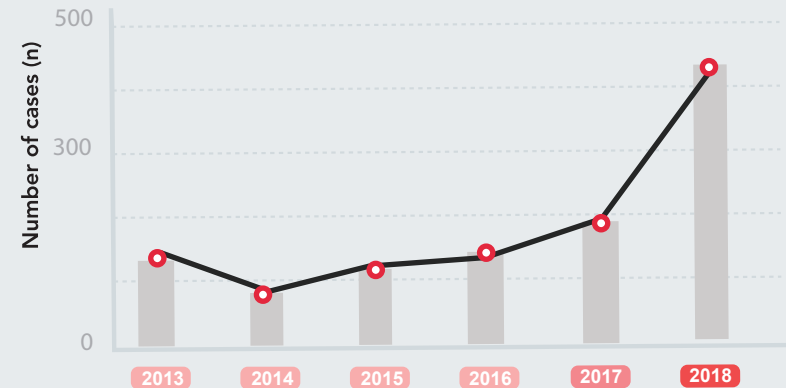
## WNV TRANSMISSION

## FACTS

### REPORTED IN 2018:



Reported number of WNV positive humans (probable and confirmed) in Canada, 2013–2018



## OTHER MBD

**72** human cases of **CALIFORNIA SEROGROUP** viruses

**13** 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

### REDUCING SURROUNDING RISK



eliminate standing water



maintain window and door screening

