



West Nile Virus National Surveillance Report

English Edition

July 17, 2011 to July 23, 2011 (Week 29)

Canada

Human:

During the week 29, ending on July 23, 2011, no human case with West Nile virus (WNV) infection has been reported to the Public Health Agency of Canada (PHAC). As of week 29, one (1) travel-related (India or China) human case in Ontario has been reported. The case was classified as West Nile Unclassified.

Mosquito:

Five (5) mosquito pools positive for WNV have been reported in Ontario [Toronto Public Health (3), Halton Region Health Department (1), and Algoma Health Unit(1)] since the start of the season.

Bird:

No positive WNV dead birds have been reported to the Canadian Cooperative Wildlife Health Centre (CCWHC) since the start of the season.

Domestic Animal:

No horses with WNV infection have been reported to the Canadian Food Inspection Agency (CFIA) since the start of the season.

National WNV surveillance data and maps can be found on the PHAC web site at: <http://www.phac-aspc.gc.ca/wnv-vwn/index.html>

Provinces/Territories: Detailed WNV information can be accessed through the Links section on the PHAC WNV web site.

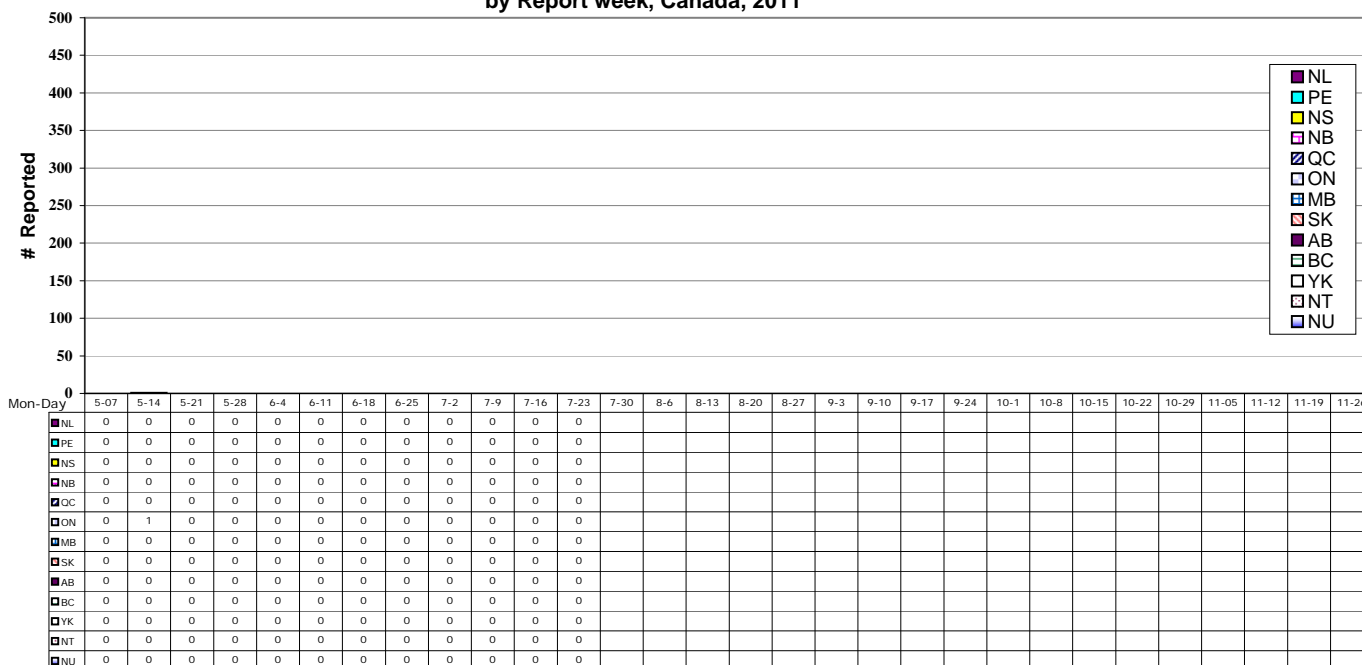
United States

Human:

As of July 19, 2011, nine (9) human WNV clinical cases have been reported to the Centers for Disease Control and Prevention (CDC) in the United States. Of the nine WNV cases, four (44%) were reported as neuroinvasive disease cases and five (56%) were reported as nonneuroinvasive disease cases. One death has been reported.

Detailed information can be accessed via the CDC web site: <http://www.cdc.gov/ncidod/dvbid/westnile/surv&control.htm>

WNV Human Clinical Cases and Asymptomatic Infections, by Province/Territory,
by Report week, Canada, 2011



Abbreviations: Newfoundland & Labrador (NL), Prince Edward Island (PE), New Brunswick (NB), Nova Scotia (NS), Quebec (QC), Ontario (ON), Manitoba (MB), Saskatchewan (SK), Alberta (AB), British Columbia (BC), Yukon Territory (YK), Northwest Territories (NT), Nunavut (NU)

**WNV Human Clinical Cases and Asymptomatic Infections for the Current Report Week and Year-to-Date,
by Province/Territory, Canada, 2011**

Provinces Territories	Report Week: July 17, 2011 to July 23, 2011 (Week 29)					
	West Nile Virus Neurological Syndrome (WNNS)	West Nile Virus Non- Neurological Syndrome (WN Non_NS)	Unclassified / Unspecified	Total Clinical Cases ¹	No. of travel related cases ²	West Nile Virus Asymptomatic Infections ³
	No. Cases	No. Cases				
NL	0	0	0	0	0	0
PE	0	0	0	0	0	0
NS	0	0	0	0	0	0
NB	0	0	0	0	0	0
QC	0	0	0	0	0	0
ON	0	0	0	0	0	0
MB	0	0	0	0	0	0
SK	0	0	0	0	0	0
AB	0	0	0	0	0	0
BC	0	0	0	0	0	0
YT	0	0	0	0	0	0
NT	0	0	0	0	0	0
NU	0	0	0	0	0	0
Canada	0	0	0	0	0	0
Provinces Territories	Year-to-Date: May 1, 2011 to July 23, 2011					
	West Nile Virus Neurological Syndrome (WNNS)	West Nile Virus Non- Neurological Syndrome (WN Non_NS)	Unclassified / Unspecified	Total Clinical Cases ¹	No. of travel related cases ²	West Nile Virus Asymptomatic Infections ³
	No. Cases	No. Cases				
NL	0	0	0	0	0	0
PE	0	0	0	0	0	0
NS	0	0	0	0	0	0
NB	0	0	0	0	0	0
QC	0	0	0	0	0	0
ON	0	0	1	1	1	0
MB	0	0	0	0	0	0
SK	0	0	0	0	0	0
AB	0	0	0	0	0	0
BC	0	0	0	0	0	0
YT	0	0	0	0	0	0
NT	0	0	0	0	0	0
NU	0	0	0	0	0	0
Canada	0	0	1	1	1	0

¹ Total Clinical Cases is the sum of both probable and confirmed: WNNS, WN Non-NS and Unclassified / Unspecified

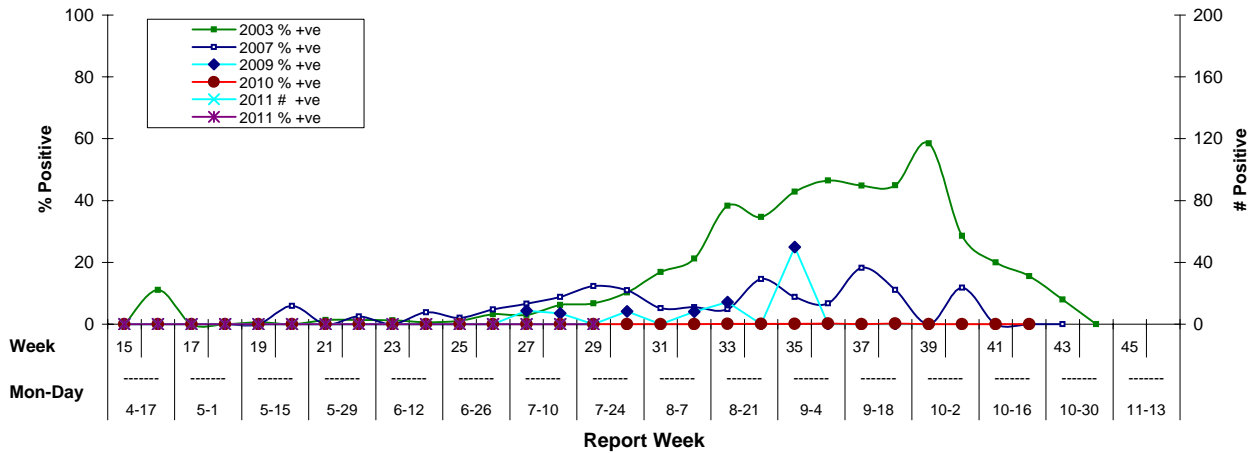
² Likely related to travel outside the province / territory. These cases are included in either the Total Clinical Cases or West Nile Virus Asymptomatic Infection

³ Satisfies West Nile virus diagnostic test criteria IN THE ABSENCE of clinical criteria. This category could include asymptomatic blood donors whose blood is screened using a Nucleic Acid Amplification Test (NAT), by Blood Operators (i.e. Canadian Blood Services or Hema-Quebec) and is subsequently brought to the attention of public health officials. Blood Operators in Canada perform a supplementary WN virus-specific NAT following any positive donor screen test result.

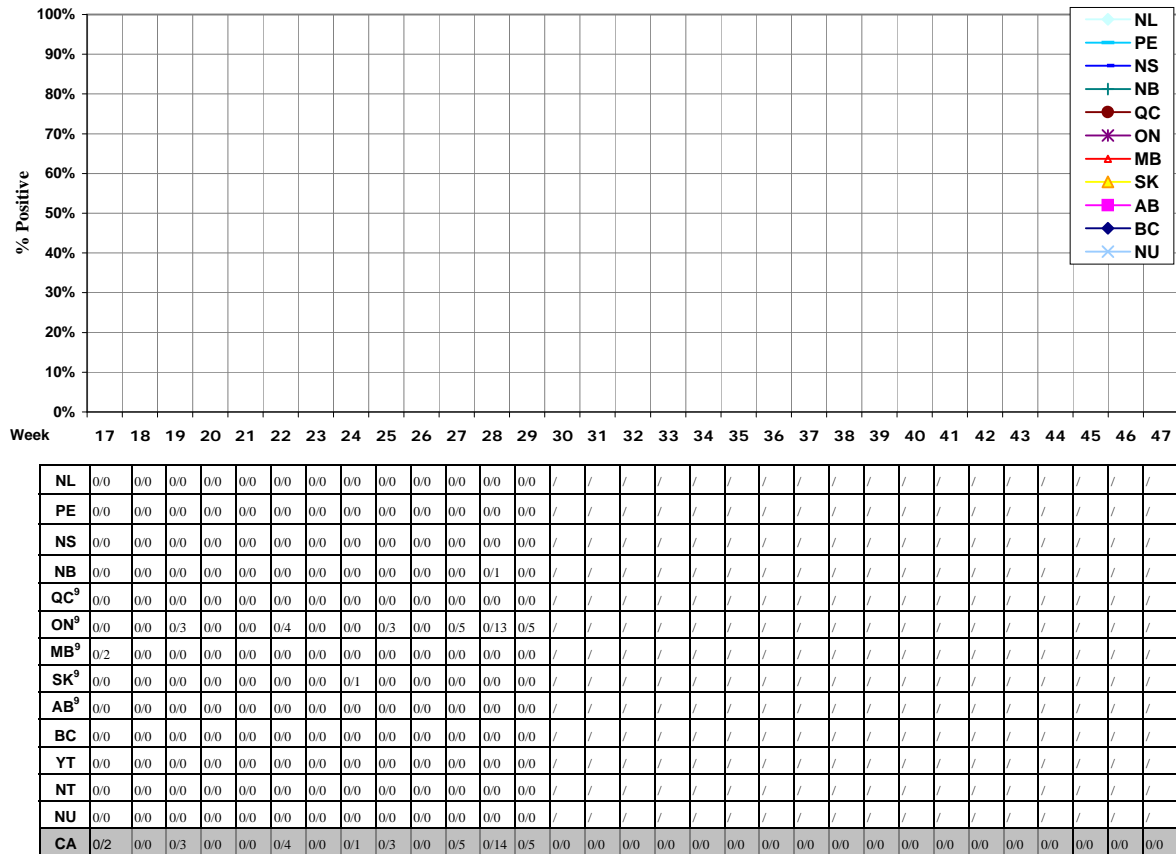
Details on human case definitions can be seen on the PHAC West Nile virus surveillance web site:

http://www.phac-aspc.gc.ca/wnv-vwn/hmncasedef_e.html

Percentage of Dead Birds⁷ Tested Positive for WNV, by Report Week, Canada 2003, 2007⁸, 2009⁸, 2010⁸ & 2011⁸, and Number of Dead Birds⁷ Tested Positive for WNV, by Report Week, Canada 2011



Percentage of Dead Birds Tested Positive for WNV, by Province/Territory, by Report Week, Canada, 2011



⁷ Mostly corvids (e.g. crows, blue jays, and ravens).

⁸ As seen in 2007, not all provinces are conducting dead bird surveillance as part of their WNV surveillance program in 2009. However, WNV positive dead birds may be identified through the National Wildlife Disease Surveillance Program of the Canadian Cooperative Wildlife Health Centre (CCWHC).

⁹ These provinces are not conducting dead bird surveillance as part of their WNV surveillance program in 2009. However, WNV positive dead birds may be identified in these areas through the National Wildlife Disease Surveillance Program of the Canadian Cooperative Wildlife Health Centre (CCWHC).