



West Nile Virus National Surveillance Report English Edition

September 7, 2008 to September 13, 2008 (Week 37)

Canada

Human:

During week 37, five (5) new human cases with West Nile virus (WNV) infection have been reported to the Public Health Agency of Canada (PHAC). As of week 37, a total of twenty-nine (29) human WNV cases [Quebec (1), Ontario (1), Manitoba (13), Saskatchewan (12), Alberta (1), and British Columbia (1)] have been reported to the PHAC. Of them, three (10%) were classified as West Nile Neurological Syndrome, twenty-one (72%) as West Nile Non-Neurological Syndrome, and five (17%) as unclassified. No deaths have been reported. There have been three travel related cases [Saskatchewan (1), Alberta (1), and British Columbia (1)] reported in Canada.

Bird:

As of week 37, a total of 947 dead birds have been tested by the Canadian Cooperative Wildlife Health Centre, of which 125 (13%) were positive for WNV. All 125 positive birds were reported in Ontario. The positive birds were American Crows (86%) and Blue Jays (14%).

Mosquito:

As of week 37, one hundred and thirteen (113) mosquito pools with WNV infection have been identified in Canada [Ontario (53), Manitoba (41) and Saskatchewan (19)].

Domestic Animal:

As of week 37, four horses with WNV infection [Ontario (2), and Saskatchewan (2)] have been reported to the Canadian Food Inspection Agency.

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>

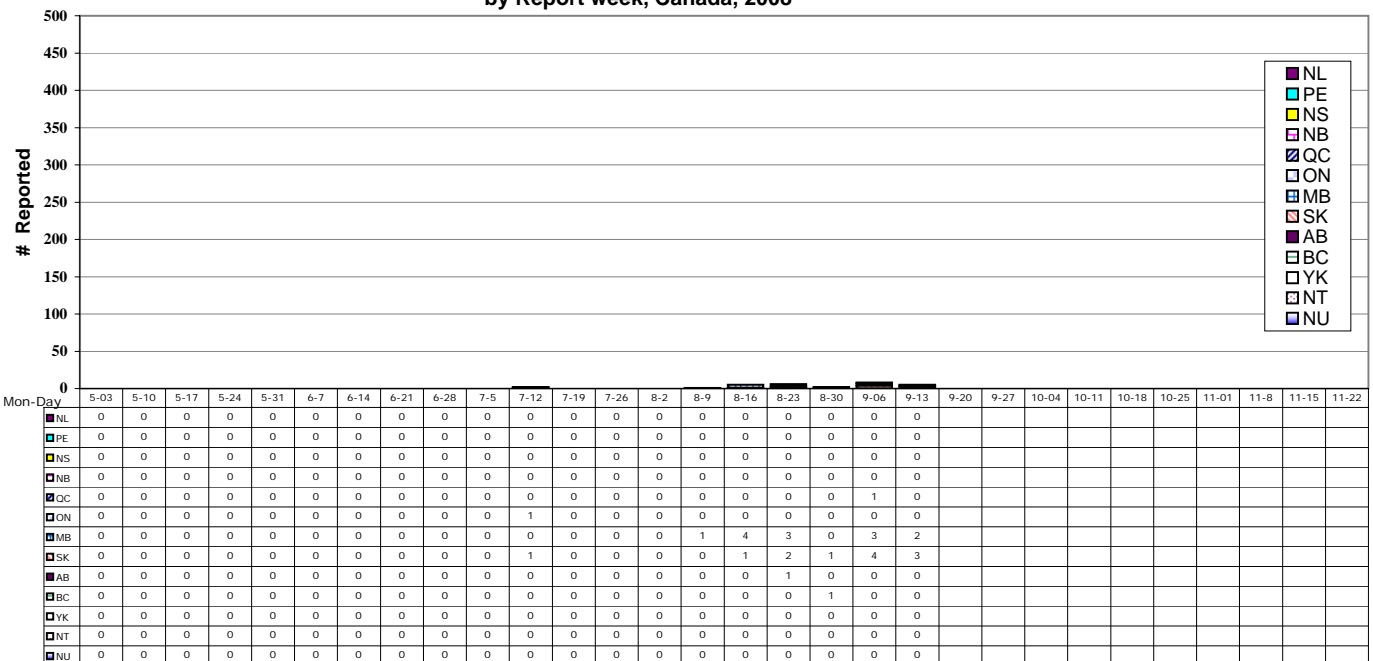
Provinces/Territories: Detailed WNV information can be accessed through the Links section on the PHAC WNV web site.

United States

Human:

As of September 16, 2008, seven hundreds and twelve (712) human WNV clinical cases and ninety-nine (99) presumptively positive viremic blood donors have been reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the 712 cases, 295(41%) were reported as West Nile meningitis or encephalitis (neuroinvasive disease) and 398 (56%) as West Nile fever, and 19 (3%) were clinical unspecified. Eleven (11) deaths have been reported.

WNV Human Clinical Cases and Asymptomatic Infections, by Province/Territory, by Report week, Canada, 2008



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, 2008**

Provinces Territories	Report Week: September 7, 2008 to September 13, 2008 (Week 37)					
	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	2	2	0	0
SK	0	3	0	3	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	3	2	5	0	0
Provinces Territories	Year-to-Date: May 25, 2008 to September 13, 2008					
	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	1	1	0	0
ON	0	1	0	1	0	0
MB	2	7	4	13	0	0
SK	1	11	0	12	1	0
AB	0	1	0	1	1	0
BC	0	1	0	1	1	0
YT	0	0	0	0	0	0
NT	0	0	0	0	0	0
NU	0	0	0	0	0	0
Canada	3	21	5	29	3	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

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

