



West Nile Virus National Surveillance Report English Edition

August 24, 2008 to August 30, 2008 (Week 35)

Canada

Human:

During week 35, one (1) new human case with West Nile virus (WNV) infection has been reported to the Public Health Agency of Canada (PHAC). As of week 35, a total of fifteen (15) human WNV cases [Ontario (1), Manitoba (8), Saskatchewan (5), and Alberta (1)] have been reported to the PHAC. Of them, one (7%) was classified as West Nile Neurological Syndrome, ten (67%) as West Nile Non-Neurological Syndrome, and four (26%) as unclassified. No deaths have been reported. There has been one (1) travel related case reported in Alberta.

Bird:

As of week 35, a total of 848 dead birds have been tested by the Canadian Cooperative Wildlife Health Centre, of which 86 (10%) were positive for WNV. All eighty-six (86) positive birds were reported in Ontario. The positive birds were American Crows (91%) and Blue Jays (9%).

Mosquito:

As of week 35, ninety-nine (99) mosquito pools with WNV infection have been identified in Canada [Ontario (40), Manitoba (40) and Saskatchewan (19)].

Domestic Animal:

As of week 35, one horse with WNV infection in Ontario has 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.

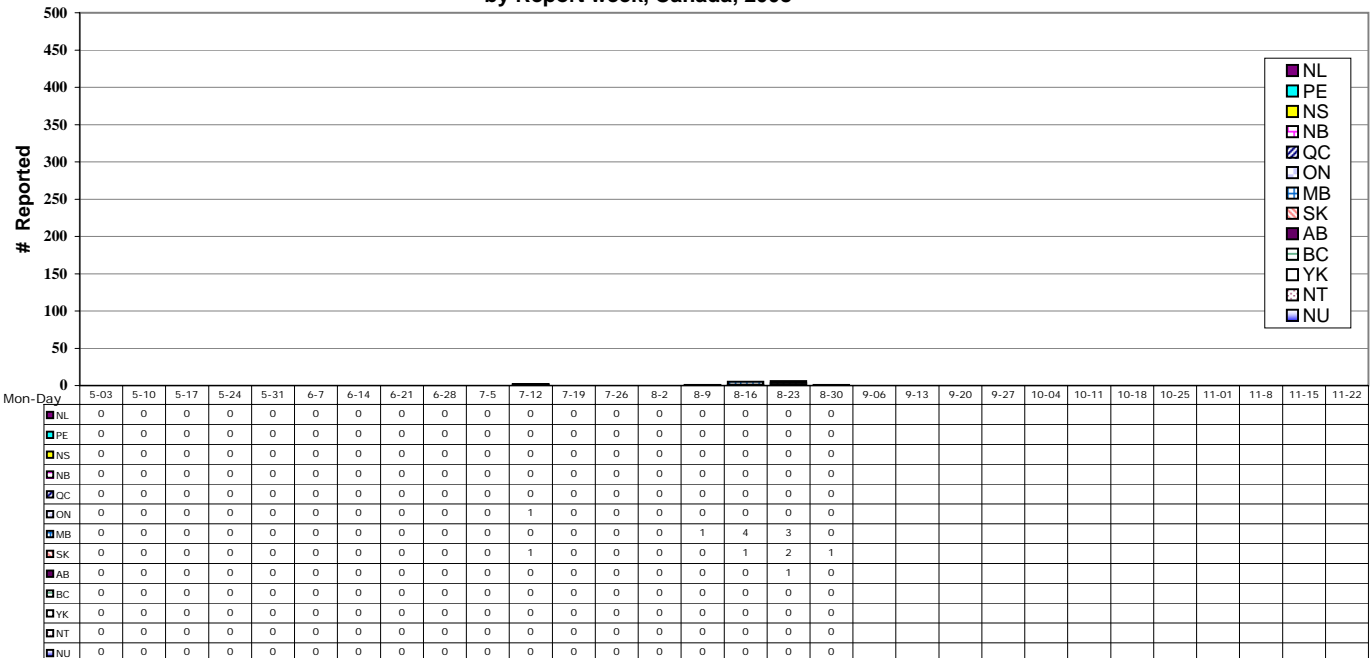
United States

Human:

As of 2 September 2008, four hundreds and thirteen (413) human WNV clinical cases and sixty-six (66) presumptively positive viremic blood donors have been reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the 413 cases, 180 (44%) were reported as West Nile meningitis or encephalitis (neuroinvasive disease) and 219 (53%) as West Nile fever, and 14 (3%) were clinical unspecified. Five (5) deaths have been reported.

States: Detailed State information can be accessed through 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, 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: August 24, 2008 to August 30, 2008 (Week 35)					
	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	1	0	1	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	1	0	1	0	0
Provinces Territories	Year-to-Date: May 25, 2008 to August 30, 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	0	0	0	0
ON	0	1	0	1	0	0
MB	0	4	4	8	0	0
SK	1	4	0	5	1	0
AB	0	1	0	1	1	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	1	10	4	15	2	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

