



West Nile Virus National Surveillance Report English Edition

August 10, 2008 to August 16, 2008 (Week 33)

Human:

During the week 33, two (2) new human cases with West Nile virus (WNV) infection have been reported to the Public Health Agency of Canada (PHAC). As of week 33, a total of five (5) human WNV cases from Ontario (1), Manitoba (3) and Saskatchewan (1) have been reported to the PHAC. Of them, 4 (80%) were classified as West Nile Non-Neurological Syndrome, and one (20%) as unclassified. No death has been reported.

Bird:

As of week 33, a total of 770 dead birds have been tested by the Canadian Cooperative Wildlife Health Centre, of which 55 (7%) were positive for WNV. All fifty-five (55) positive birds were reported in Ontario [Chatham-Kent (1), Niagara (1), Lambton (1), North Bay (8), Sudbury&District (2), Thunder Bay (1), Eastern Ontario (5), Haliburton (2), Halton (3), Hamilton (3), Renfrew county (2), Peterborough (2), Simcoe Muskoka (2), Wellington-Dufferin-Guelph (1), Peel (2), Ottawa Public (9), Oxford County (1), Durham (6), Leeds Grenville&Lanark (1), Windsor-Essex (1), and Waterloo (1)]. The positive birds were American Crows (94%) and Blue Jay (6%).

Mosquito:

As of week 33, sixty-one (61) positive mosquito pools with WNV infection have been identified in Ontario [Brant County (1), Hamilton (2), Peel (8), Toronto (3), Windsor-Essex (4), and York Region (1)], Manitoba [Assiniboine (23), Brandon (2), Interlake (3), North Eastman (1) and Winnipeg (2)], and Saskatchewan [Sun Country (10), and Sunrise (1)].

Domestic Animal:

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

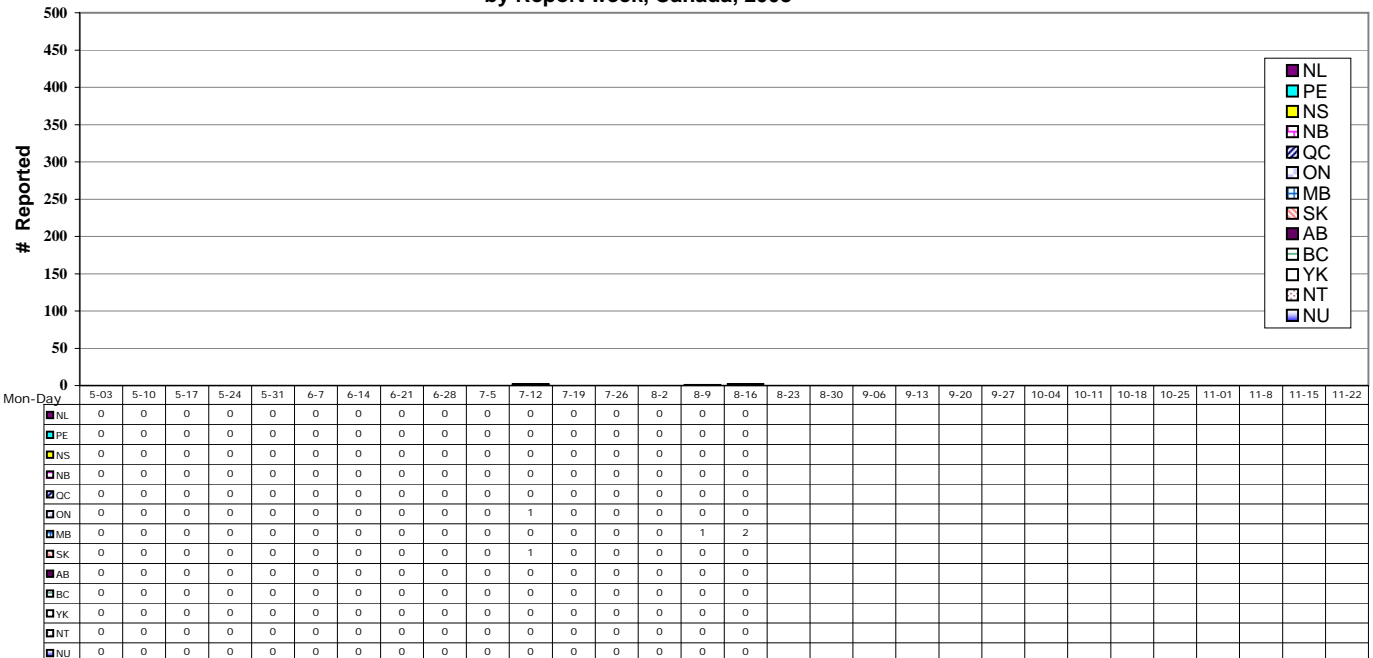
United States

Human:

As of 19 August 2008, two hundreds thirty-six (236) human WNV clinical cases and thirty-seven (37) presumptively positive viremic blood donors have been reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the 236 cases, 97 (41%) were reported as West Nile meningitis or encephalitis (neuroinvasive disease) and 129 (55%) as West Nile fever, and 10 (4%) were clinical unspecified. Two (2) 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 10, 2008 to August 16, 2008 (Week 33)					
	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	1	1	2	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	1	1	2	0	0
Provinces Territories	Year-to-Date: May 25, 2008 to August 16, 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	2	1	3	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	4	1	5	0	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

