



West Nile Virus National Surveillance Report English Edition

August 31, 2008 to September 6, 2008 (Week 36)

Canada

Human:

During week 36, three (3) new human cases with West Nile virus (WNV) infection have been reported to the Public Health Agency of Canada (PHAC). As of week 36, a total of eighteen (18) human WNV cases [Ontario (1), Manitoba (10), Saskatchewan (6), and Alberta (1)] have been reported to the PHAC. Of them, two (11%) were classified as West Nile Neurological Syndrome, eleven (61%) as West Nile Non-Neurological Syndrome, and five (28%) as unclassified. No deaths have been reported. There have been two travel related cases [Alberta (1), and Saskatchewan (1)] reported in Canada.

Bird:

As of week 36, a total of 914 dead birds have been tested by the Canadian Cooperative Wildlife Health Centre, of which 108 (12%) were positive for WNV. All 108 positive birds were reported in Ontario. The positive birds were American Crows (86%) and Blue Jays (14%).

Mosquito:

As of week 36, 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 36, three horses with WNV infection [Ontario (1), 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.

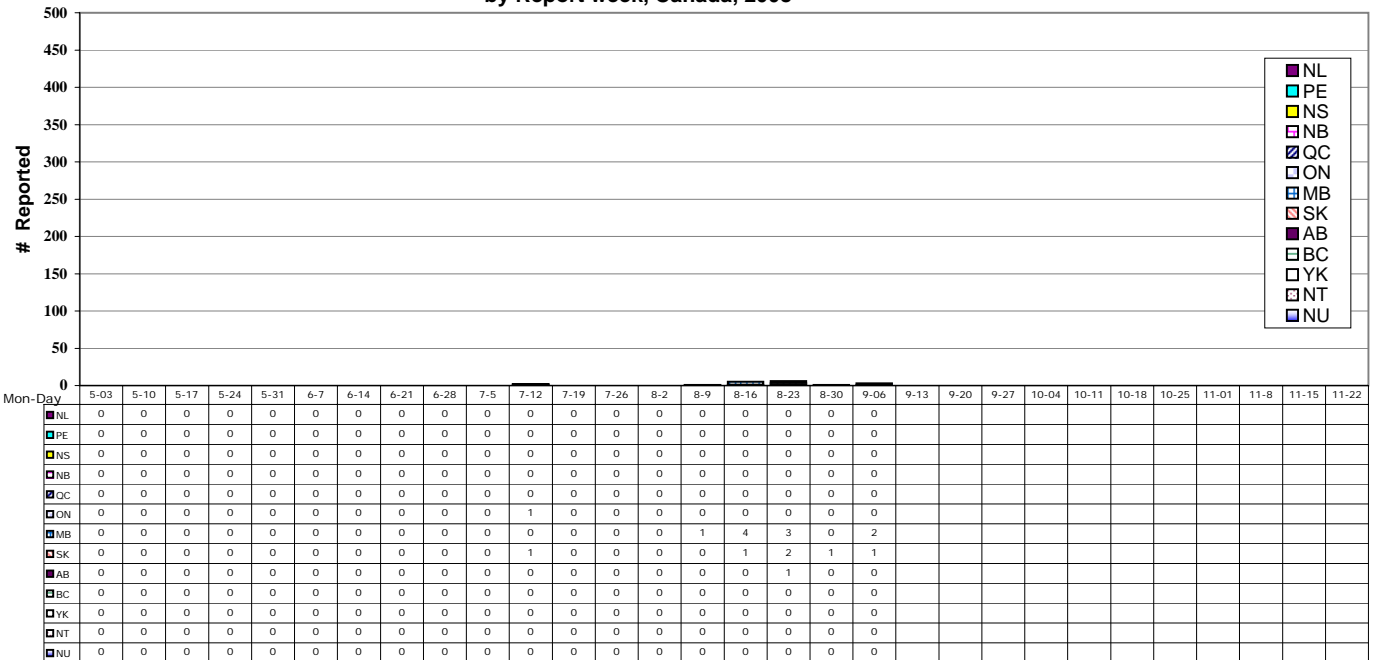
United States

Human:

As of 9 September 2008, five hundreds and ten (510) human WNV clinical cases and seventy-two (72) presumptively positive viremic blood donors have been reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the 510 cases, 217(43%) were reported as West Nile meningitis or encephalitis (neuroinvasive disease) and 277 (54%) as West Nile fever, and 16 (3%) were clinical unspecified. Eight (8) 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 31, 2008 to September 6, 2008 (Week 36)					
	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	0	1	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	0	3	3	0	0
Provinces Territories	Year-to-Date: May 25, 2008 to September 6, 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	1	5	4	10	0	0
SK	1	4	1	6	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	2	11	5	18	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

