



West Nile Virus National Surveillance Report English Edition

August 15, 2010 to August 21, 2010 (Week 33)

Canada

Human:

No human cases of West Nile virus (WNV) infection have been reported to the Public Health Agency of Canada (PHAC) since the start of 2010 WNV season.

Bird:

A total of 205 dead birds have been tested by the Canadian Cooperative Wildlife Health Centre [British Columbia (148), Saskatchewan (2), Manitoba (2), Ontario (52) and Quebec (1)]. Four dead bird positive for WNV have been reported since the start of the season [British Columbia (1), Saskatchewan (1) and Ontario (2)].

Mosquito:

As of week 33, forty (40) mosquito pools positive for WNV have been reported in Canada [Saskatchewan (6), Manitoba (19) and Ontario (15)].

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 August 24, 2010, one hundred forty-four human WNV clinical cases and thirty presumptive viremic blood donors have been reported to the Centers for Disease Control and Prevention (CDC) in the United States. Of the 144 WNV cases, 74 (51%) were reported as a neuroinvasive disease cases, and 70 (49%) as nonneuroinvasive disease cases. Three 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>

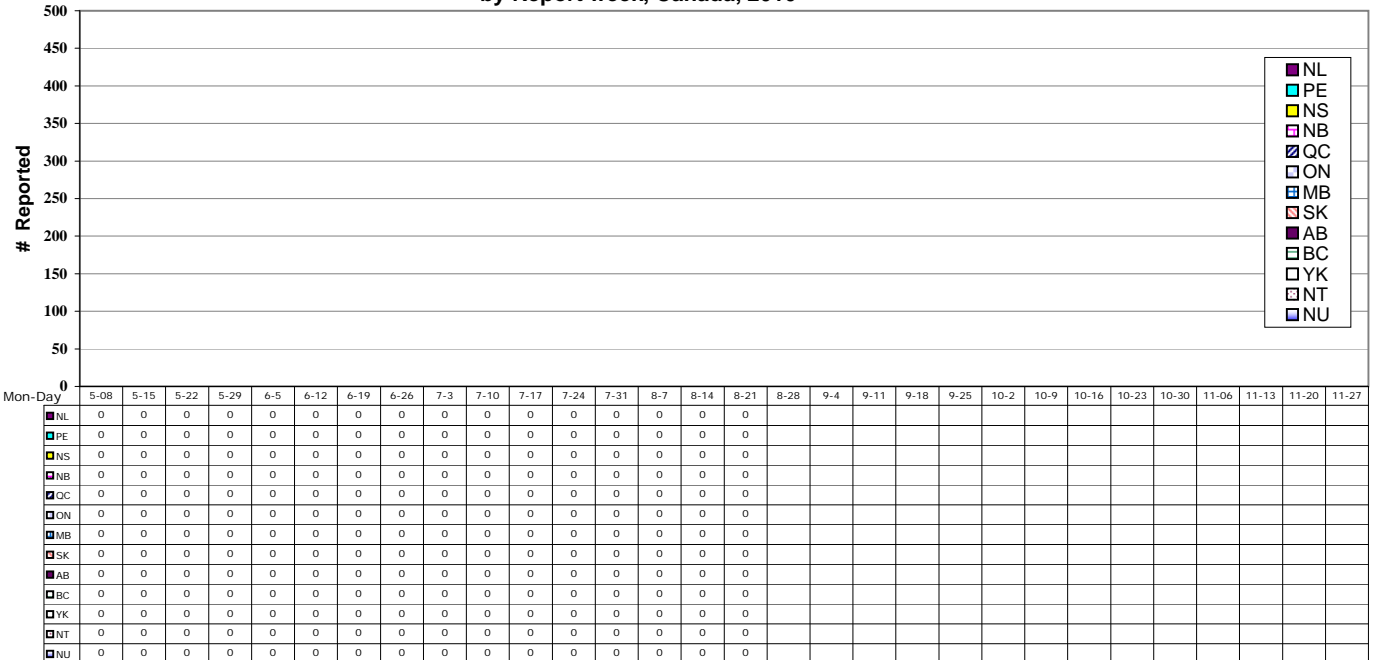
Greece

Human:

As of August 27, 2010, a total of 134 human cases of WNV have been reported in Greece. Of them, 111 (83%) cases with central nervous system manifestations and 23 (17%) cases without central nervous system manifestations. Nine fatal cases have reported. Detailed information available via the Greece website:

<http://www.keelpno.gr/eng/wnv/>

WNV Human Clinical Cases and Asymptomatic Infections, by Province/Territory, by Report week, Canada, 2010



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, 2010**

Provinces Territories	Report Week: August 15, 2010 to August 21, 2010 (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	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: June 27, 2010 to August 21, 2010					
	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

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

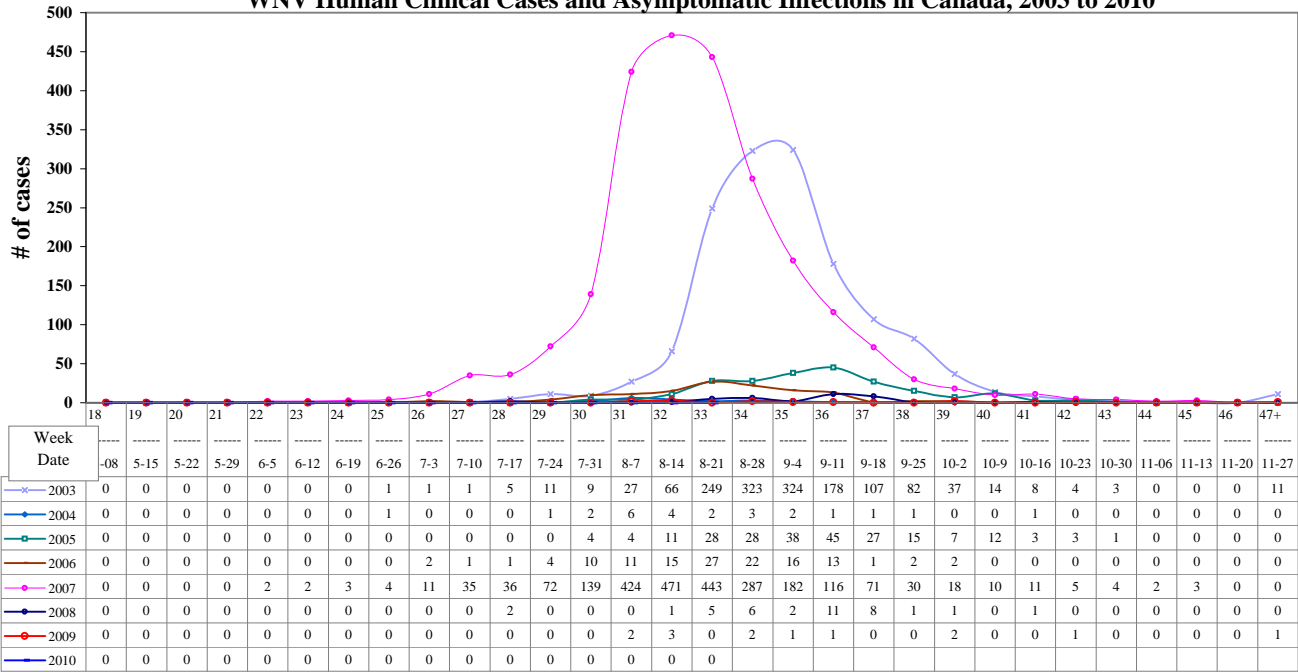
² Likely related to travel outside the province / territory. These cases are included in either the Total Clinical Cases or West Nile Virus Asymptomatic Infection

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

WNV Human Clinical Cases and Asymptomatic Infections in Canada, 2003 to 2010



Report Week by Episode date ⁴

Cumulative number of WNV positive mosquito pools tested by week, by province/territory, in Canada⁵ 2010

Provinces/Territories	Cumulative Total Tested by Report Week																													
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
NL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NS ⁶	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
QC ⁶	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	6	15												
MB	0	0	0	0	0	0	0	0	0	0	0	2	2	4	11	14	19													
SK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	6												
AB ⁶	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	2	2	9	19	26	40													

⁴ Episode date could include one of the following: symptom onset date, diagnosis date, lab sample date, or reporting date.

⁵ Detailed WNV mosquito surveillance data can be accessed through provincial/territorial web sites.

⁶ These provinces are not conducting mosquito surveillance as part of their WNV surveillance program in 2009.

