



West Nile Virus National Surveillance Report

English Edition

August 7, 2011 to August 13, 2011 (Week 32)

Canada

Human:

During the week 32, ending on August 13, 2011, no human case with West Nile virus (WNV) infection has been reported to the Public Health Agency of Canada (PHAC). As of week 32, one (1) travel-related (India or China) human case in Ontario has been reported. The case was unclassified.

Mosquito:

A total of ninety (90) mosquito pools positive for WNV have been reported in Canada, including Saskatchewan (2), Ontario (87), and Quebec (1).

Bird:

A total of 74 dead birds have been tested for WNV by the Canadian Cooperative Wildlife Health Centre (CCWHC) in Canada. Of them, three positives have been reported in Ontario (2) and Saskatchewan (1).

Domestic Animal:

One positive horse with WNV infection has been reported in Simcoe, Ontario by the Canadian Food Inspection Agency (CFIA).

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>

United States

As of August 16, 2011, fifty-three (53) human WNV clinical cases have been reported to the Centers for Disease Control and Prevention (CDC) in the United States. Of them, 32 (60%) were reported as neuroinvasive disease cases and 21 (40%) were reported as nonneuroinvasive disease cases. Three (3) deaths have been reported.

Detailed information can be accessed via the CDC web site: <http://www.cdc.gov/ncidod/dvbid/westnile/surv&control.htm>

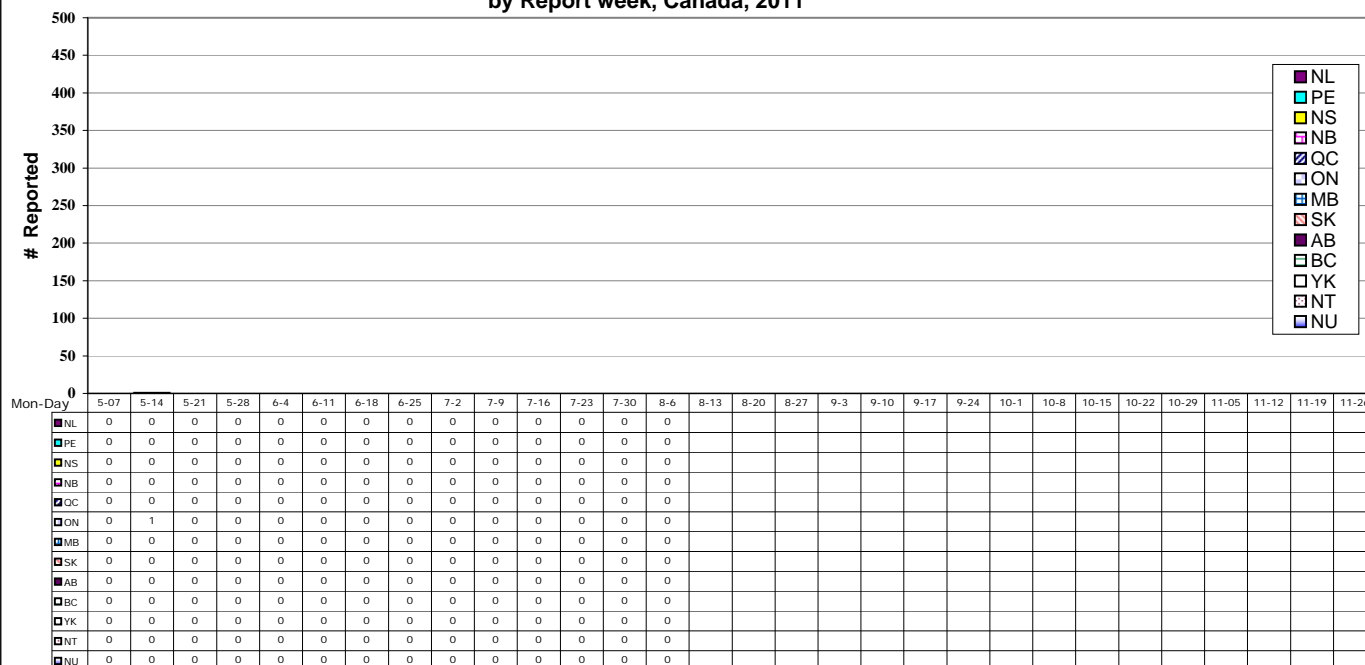
Europe and Neighbouring Countries

As of August 18, 2011, a total of 28 confirmed human cases of West Nile fever have been reported in the EU (26 cases in Greece and 2 in Romania) and 28 cases in the neighboring countries: 21 in the Russian Federation, 2 in Albania and 5 in Israel.

Detailed information can be accessed via the ECDC web site:

http://ecdc.europa.eu/en/activities/diseaseprogrammes/emerging_and_vector_borne_diseases/Pages/West_Niles_fever_Risk_Maps.aspx

**WNV Human Clinical Cases and Asymptomatic Infections, by Province/Territory,
by Report week, Canada, 2011**



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, 2011**

Provinces Territories	Report Week: August 7, 2011 to August 13, 2011 (Week 32)					
	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: May 1, 2011 to August 13, 2011					
	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	1	1	1	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	1	1	1	0

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

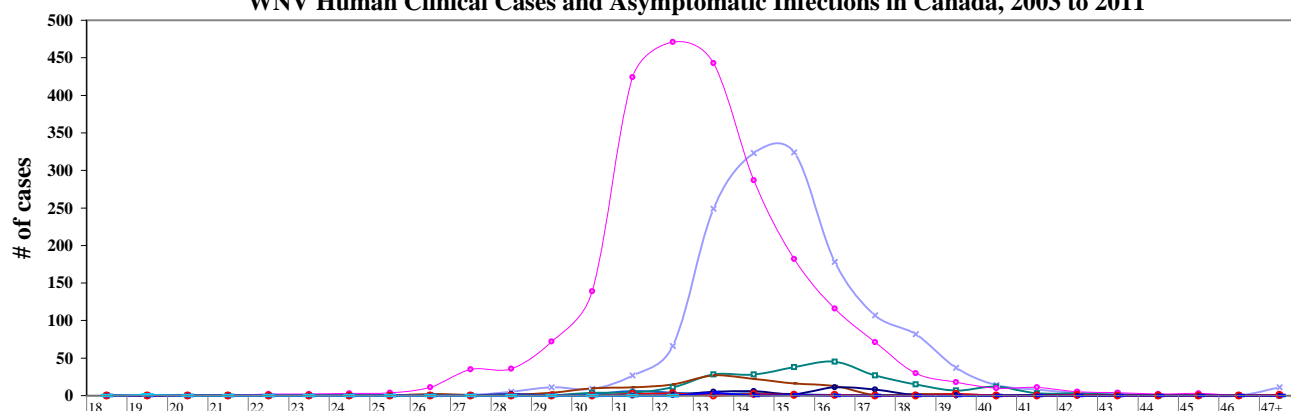
² Likely related to travel outside the province / territory. These cases are included in either the Total Clinical Cases or West Nile Virus Asymptomatic Infection

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 2011



Week Date	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	47+
-----	5-07	5-14	5-21	5-28	6-4	6-11	6-18	6-25	7-2	7-9	7-16	7-23	7-30	8-6	8-13	8-20	8-27	9-3	9-10	9-17	9-24	10-1	10-8	10-15	10-22	10-29	11-05	11-12	11-19	11-26
2003	0	0	0	0	0	0	0	1	1	1	5	11	9	27	66	249	323	324	178	107	82	37	14	8	4	3	0	0	0	11
2004	0	0	0	0	0	0	0	1	0	0	0	1	2	6	4	2	3	2	1	1	1	0	0	1	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	4	4	11	28	28	38	45	27	15	7	12	3	3	1	0	0	0	0
2006	0	0	0	0	0	0	0	0	2	1	1	4	10	11	15	27	22	16	13	1	2	2	0	0	0	0	0	0	0	0
2007	0	0	0	0	2	2	3	4	11	35	36	72	139	424	471	443	287	182	116	71	30	18	10	11	5	4	2	3	0	0
2008	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	5	6	2	11	8	1	1	0	1	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	2	1	1	0	0	2	0	0	1	0	0	0	0	1
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0															

Report Week by Episode date ⁴

Cumulative number of WNV positive mosquito pools tested by week, by province/territory, in Canada⁵ 2011

Provinces	Cumulative Total Tested by Report Week																													
Territories	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														
PE	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														
NB	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	1														
ON	0	0	0	0	0	0	0	0	0	0	0	1	5	11	43	87														
MB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
SK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2													
AB ⁶	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														
YK	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														
NU	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	1	5	11	44	90														

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 at provincial level in 2011.

[illegible][illegible]

⁹ These provinces are not conducting dead bird surveillance as part of their WNV surveillance program in 2009. However, WNV positive dead birds may be identified in these areas through the National Wildlife Disease Surveillance Program of the Canadian Cooperative Wildlife Health Centre (CCWHC).