



West Nile Virus National Surveillance Report

English Edition

August 13, 2006 - August 19, 2006 (Week 33)

Canada

Human:

During week 33, nine new human cases of West Nile virus infection (WNV) and one asymptomatic infection have been reported to the Public Health Agency of Canada (PHAC). As of week 33, 28 confirmed human WNV cases [Alberta (2), Saskatchewan (2), Manitoba (23) and Ontario (1)] and one asymptomatic infection [Manitoba (1)] have been reported to the PHAC. Of the 28 clinical cases, 5 (17.9%) were classified as West Nile Neurological Syndrome, 8 (28.6%) as West Nile Virus Non-Neurological Syndrome, and 15 (53.6%) as unclassified. No deaths have been reported to date.

Bird:

As of week 33, 2206 dead birds have been tested, of which 231 (10.5%) were positive for WNV. Of these positive bird tests, six were reported in Alberta [Calgary (1), Palliser (4) and Chinook (1)], three were reported in Saskatchewan [Heartland (1), Cypress (1) and Regina (1)] and 222 were reported in Ontario [Central East (55), Central West (38), East (21), North East (28), North West (27), South West (41) and Toronto (12)]. The positive birds were American crows (88.3%), blue jays (10.8%), ravens (0.4%) and pelicans (0.4%).

Mosquito:

As of week 33, 222 WNV positive mosquito pools have been reported, including 24 in Alberta [Palliser (20), and Chinook (4)], 26 in Saskatchewan [Cypress (1), Heartland (1), and Sun Country (24)], 120 in Manitoba [Assiniboine (20), Central (4), Interlake (30), Brandon (3), North Eastman (6), South Eastman (3), and Winnipeg (54)], 51 in Ontario [Central East (4), Central West (5), Central South (5), North (8), South West (8), and Toronto (21)] and 1 in Quebec [Monteregie (1)].

Domestic Animal:

No horses with WNV infection have been reported since the start of this WNV 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.

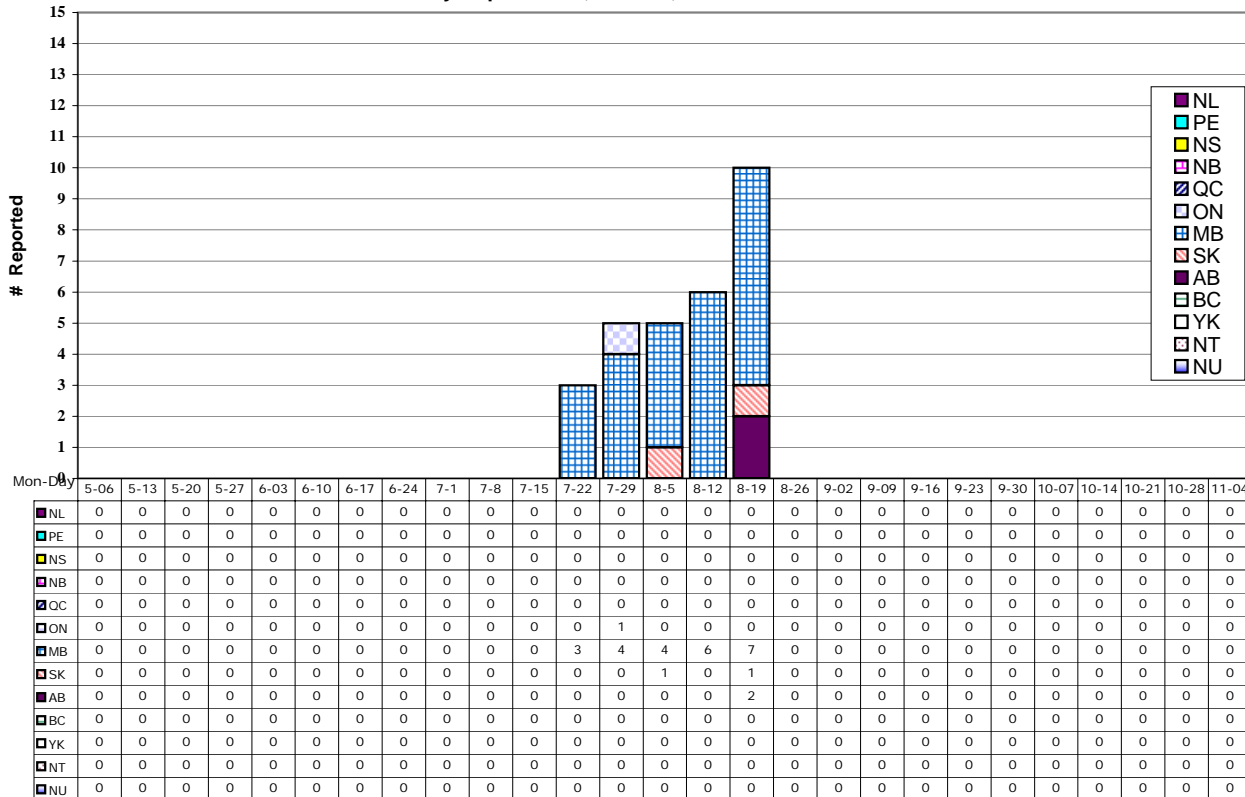
United States

Human:

Between 1 January and 22 August 2006, 581 human WNV cases [332 (57%) fever, 236 (41%) neuroinvasive disease and 13 (2%) clinically unspecified] have been reported to the Centers for Disease Control and Prevention (CDC) in the U.S. There have been 19 deaths 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 Confirmed Cases and Asymptomatic Infections, by Province/Territory, by Report week, Canada, 2006



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 Confirmed Clinical Cases and Asymptomatic Infections for the Current Report Week and Year-to-Date,
by Province/Territory, Canada, 2006**

Provinces Territories	Report Week: August 13, 2006 - August 19, 2006 (Week 33)					
	West Nile Virus Neurological Syndrome	West Nile Virus Non- Neurological Syndrome	Unclassified / Unspecified	Total Clinical Cases ¹	No. of travel related cases ²	West Nile Virus Asymptomatic Infections
	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	6	6	0	1
SK	0	1	0	1	0	0
AB	0	2	0	2	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	3	6	9	0	1
Provinces Territories	Year-to-Date: August 19, 2006 (Week 33)					
	West Nile Virus Neurological Syndrome	West Nile Virus Non- Neurological Syndrome	Unclassified / Unspecified	Total Clinical Cases ¹	No. of travel related cases ²	West Nile Virus Asymptomatic Infections
	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	4	4	15	23	0	1
SK	1	1	0	2	0	0
AB	0	2	0	2	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	5	8	15	28	0	1

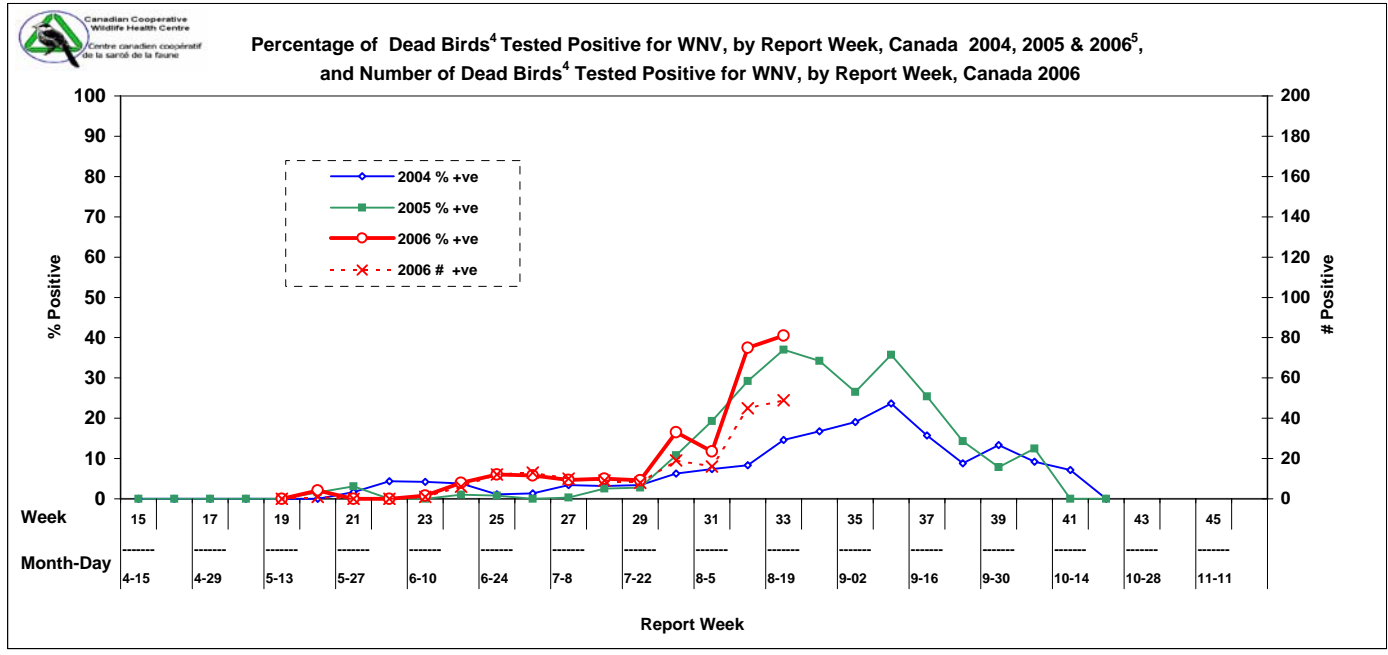
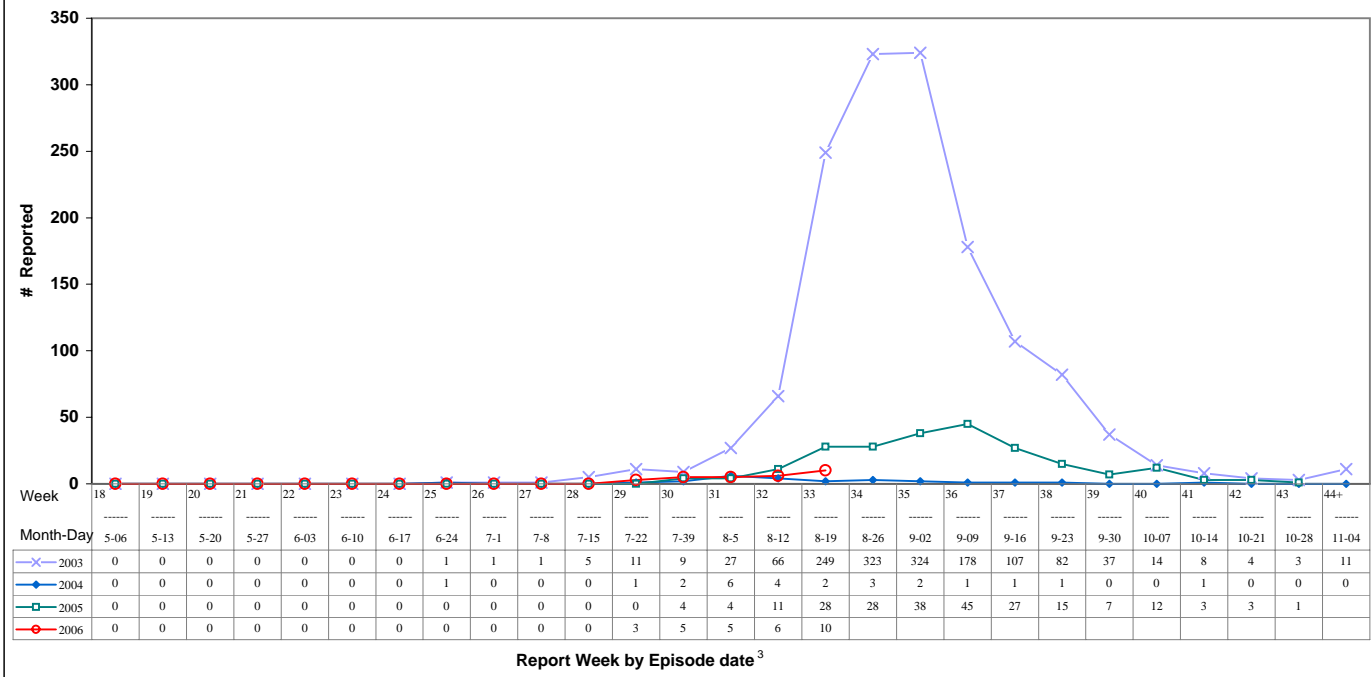
¹ Total clinical cases is the sum of WNNS + WN Non-NS + Unclassified / Unspecified

² Likely related to travel outside the province / territory

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 Confirmed Clinical Cases and Asymptomatic Infections in Canada, 2003 to 2006



³ Episode date could include one of the following: onset date, diagnosis date, lab sample date, or reporting date.

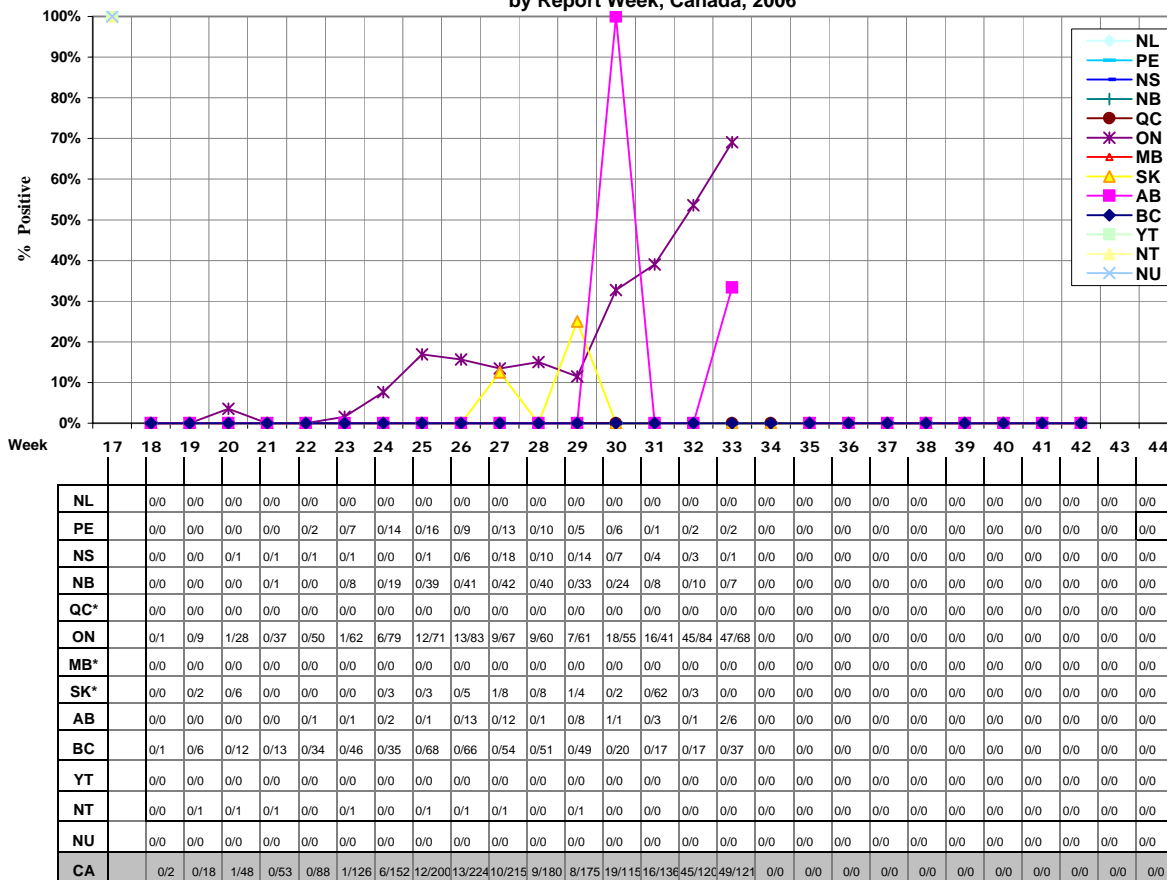
⁴ Mostly corvids (e.g. crows, blue jays, and ravens).

⁵ Not all provinces are conducting dead bird surveillance as part of their own WNV surveillance program in 2006. However, WNV positive dead birds may be identified through the National Wildlife Disease Surveillance Program of the Canadian Cooperative Wildlife Health Centre (CCWHC).

**Dead Bird⁴ WNV Test Results for the current Report Week and Year-to-Date,
by Province/Territory, Canada, 2006**

Provinces / Territories	August 13, 2006 - August 19, 2006 (Week 33)		Year-to-Date: August 19, 2006 (Week 33)	
	No. tests	No. confirmed positive tests	No. tests	No. confirmed positive tests
NL	0	0	0	0
PE	2	0	87	0
NS	1	0	87	0
NB	7	0	278	0
QC*	0	0	0	0
ON	68	47	913	222
MB*	0	0	0	0
SK*	0	0	111	3
AB	6	2	73	6
BC	37	0	639	0
YT	0	0	9	0
NT	0	0	9	0
NU	0	0	0	0
Canada	121	49	2206	231

**Percentage of Dead Birds⁴ Tested Positive for WNV, by Province/Territory,
by Report Week, Canada, 2006**



* These provinces are not conducting dead bird surveillance as part of their own WNV surveillance program in 2006. However, WNV positive dead birds may be identified through the National Wildlife Disease Surveillance Program of the Canadian Cooperative Wildlife Health Centre (CCWHC).