



West Nile Virus National Surveillance Report

English Edition

August 14, 2005 - August 20, 2005 (Week 33)

Canada

Human:

During week 33, thirty-one West Nile virus (WNV) cases were reported in Quebec (1), Ontario (12), Manitoba (8), Saskatchewan (8), and Alberta (2). As of the 20 August 2005, a total of fifty-one (51) human WNV cases have been reported to the Public Health Agency of Canada (PHAC). Of the fifty-one (51) cases, forty-seven were clinical cases and four were asymptomatic. Of the 47 clinical cases, 13 (28%) were reported as West Nile Neurological Syndrome, 22 (47%) were reported as West Nile Non-Neurological Syndrome, and 12 (26%) were Other Clinical / Unspecified. Two cases are travel-related. (see human table).

Bird:

During week 33, 235 dead birds were tested and 71 (30%) were reported positive for WNV (see bird table). Thirteen new health units reported dead birds positive for WNV, including one region in Alberta (Palliser), one region in Saskatchewan (Prince-Albert-Parkland), eight health units in Ontario (Durham, Elgin-St.Thomas, Grey-Bruce-Owen Sound, Haldiman-Norfolk, Haliburton-Kawartha, Leeds-Grenville-Lanark, Perth, Windsor-Essex), and three regions in Quebec (Lanaudiere, Montreal-Centre, Outaouais). A total of 3191 dead birds have been tested since 2 May 2005, of which 252 (7.9%) were positive for WNV.

Domestic Animal:

As of week 33, four horses positive for WNV were reported in Manitoba (2) and Saskatchewan (2). In addition, two domestic birds positive for WNV were reported in Manitoba.

Mosquito:

As of week 33, 233 mosquito pools positive for WNV were reported in Manitoba (50), Ontario (114), Saskatchewan (60) and Quebec (9).

National West Nile virus surveillance data and maps can be found on the Public Health Agency of Canada (PHAC) web site at: <http://www.phac-aspc.gc.ca/wnv-vwn/index.html>

Provinces/Territories: Detailed WNV information can be accessed through the Linkssection on the PHAC WNV web site.

United States

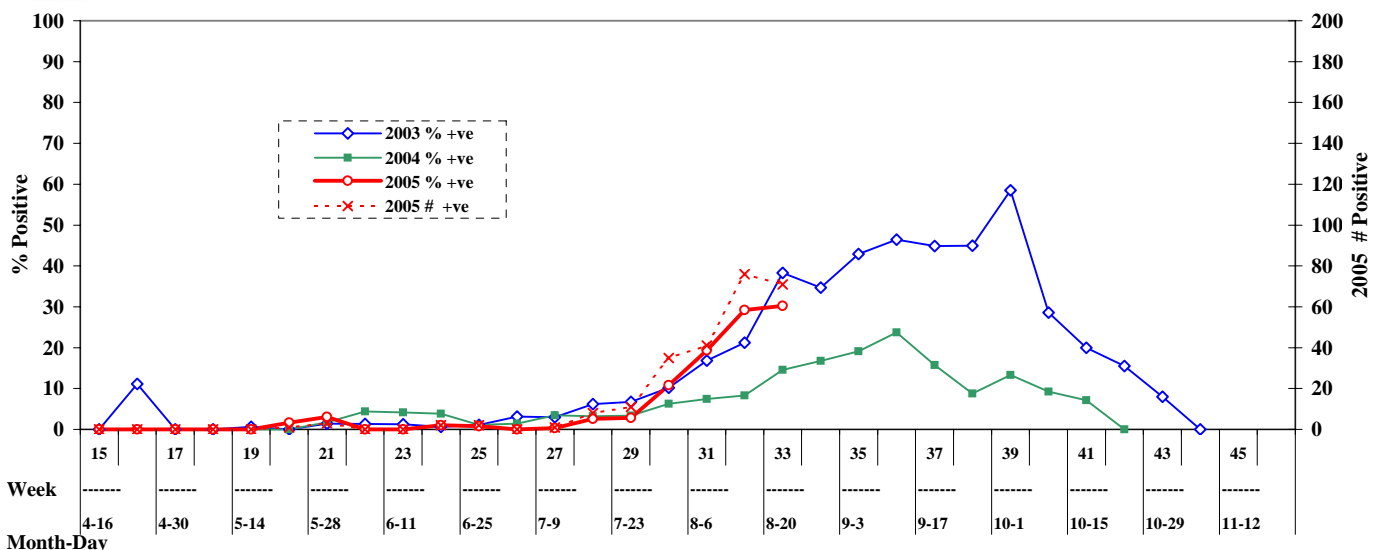
Human:

Between 01 January and 23 August 2005, a total of 501 WNV cases were reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the 501 cases, 205 (41%) were reported as WN Neuroinvasive Disease, 270 (54%) were reported as WN Fever (Non-Neuroinvasive Disease), and 26 (5%) were Other Clinical / Unspecified. To date, twelve deaths have been reported.

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



Percentage of Dead Birds¹ Tested Positive for WNV, by Report Week, Canada 2003, 2004 & 2005, and Number of Dead Birds¹ Tested Positive for WNV, by Report Week, Canada 2005



2005 Report Week and End-of-week Date (Month-Day)

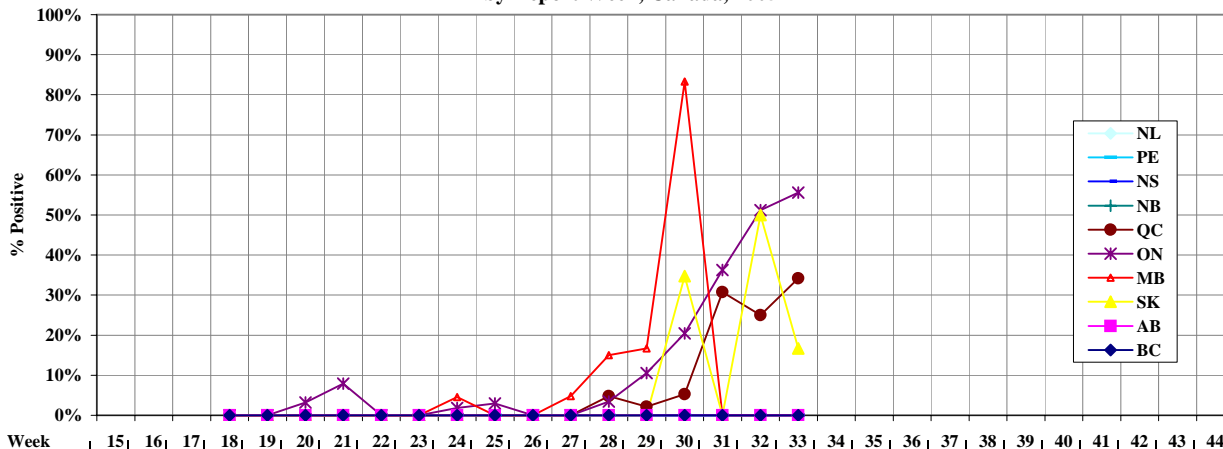
¹ Mostly corvids (e.g. crows, blue jays, grey jays, scrub jays, stellar jays, magpies, and ravens).

**Dead Bird¹ WNV Test Results for Current Report Week and Year-to-Date,
by Province/Territory, Canada, 2005**

Provinces / Territories	August 14, 2005 - August 20, 2005 (Week 33)				Year-to-Date: August 20, 2005 (Week 33)			
	No. tests	No. positive tests			No. tests	No. positive tests		
		Presumptive ²	Confirmed	Total		Presumptive ²	Confirmed	Total
NL	0	0	0	0	0	0	0	0
PE	3	0	0	0	73	0	0	0
NS	8	0	0	0	141	0	0	0
NB	16	0	0	0	227	0	0	0
QC	41	0	14	14	369	0	35	35
ON	99	0	55	55	1039	0	192	192
MB	0	0	0	0	161	0	12	12
SK	12	0	2	2	117	0	13	13
AB	13	0	0	0	157	0	0	0
BC	43	0	0	0	900	0	0	0
YT	0	0	0	0	0	0	0	0
NT	0	0	0	0	7	0	0	0
NU	0	0	0	0	0	0	0	0
Canada	235	0	71	71	3191	0	252	252

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 (YT), Northwest Territories (NT), Nunavut (NU)

**Percentage of Dead Birds¹ Tested Positive for WNV, by Province/Territory,
by Report Week, Canada, 2005**



Week	15	16	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	
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	0/0												
PE				0/0	0/0	0/1	0/2	0/0	0/4	0/2	0/4	0/9	0/10	0/14	0/10	0/6	0/4	0/4	0/3												
NS				0/0	0/0	0/0	0/2	0/1	0/2	0/9	0/0	0/3	0/19	0/20	0/30	0/21	0/13	0/13	0/8												
NB				0/0	0/0	0/0	0/0	0/0	0/4	0/17	0/19	0/45	0/26	0/41	0/23	0/23	0/13	0/16													
QC				0/0	0/0	0/0	0/0	0/10	0/25	0/30	0/45	0/33	2/42	1/47	2/38	8/26	8/32	14/41													
ON				0/0	0/8	1/31	3/38	0/48	0/68	1/54	2/67	0/70	0/77	3/87	8/76	20/98	33/91	65/127	55/99												
MB				0/0	0/0	0/6	0/10	0/14	0/7	1/22	0/20	0/23	1/21	3/20	2/12	5/6	0/0	0/0	0/0												
SK				0/0	0/0	0/3	0/6	0/1	0/2	0/4	0/8	0/9	0/7	0/18	0/11	8/23	0/7	3/6	2/12												
AB				0/0	0/0	0/0	0/0	0/0	0/6	0/4	0/7	0/6	0/15	0/74	0/14	0/3	0/15	0/13													
BC				0/3	0/10	0/21	0/39	0/42	0/68	0/73	0/93	0/73	0/83	0/71	0/90	0/96	0/45	0/50	0/43												
YT				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	0/0												
NT				0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/1	0/1	0/4	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	0/0												
CA ³				0/3	0/18	1/62	3/97	0/107	0/161	2/199	2/244	0/259	1/305	8/313	11/39	35/324	41/214	76/260	71/235												

¹ Mostly corvids (e.g. crows, blue jays, grey jays, scrub jays, stellar jays, magpies, and ravens)

² Requires additional testing before it can be considered a confirmed result

³ Canada weekly proportion positive

**WNV Human Cases for Current Report Week and Year-to-Date,
by Province/Territory, Canada, 2005**

Provinces Territories	Report Week: August 14, 2005 - August 20, 2005 (Week 33)									
	WNNS		WN Non-NS ⁵		Unspecified	WNAI		Total clinical cases ⁶	No. of travel related cases ⁷	No. deaths
	Prob ⁴	Conf	Prob ⁴	Conf		Prob ⁴	Conf			
NL	0	0	0	0	0	0	0	0	0	0
PE	0	0	0	0	0	0	0	0	0	0
NS	0	0	0	0	0	0	0	0	0	0
NB	0	0	0	0	0	0	0	0	0	0
QC	1	0	0	0	0	0	0	1	0	0
ON	2	0	3	4	0	0	3	9	0	0
MB	1	0	1	0	6	0	0	8	0	0
SK	1	0	1	0	6	0	0	8	0	0
AB	1	0	0	1	0	0	0	2	0	0
BC	0	0	0	0	0	0	0	0	0	0
YT	0	0	0	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0	0	0	0
NU	0	0	0	0	0	0	0	0	0	0
Canada	6	0	5	5	12	0	3	28	0	0
Provinces Territories	Year-to-Date: August 20, 2005 (Week 33)									
	WNNS		WN Non-NS ⁵		Unspecified	WNAI		Total clinical cases ⁶	No. of travel related cases ⁷	No. deaths
	Prob ⁴	Conf	Prob ⁴	Conf		Prob ⁴	Conf			
NL	0	0	0	0	0	0	0	0	0	0
PE	0	0	0	0	0	0	0	0	0	0
NS	1	0	0	0	0	0	0	1	1	0
NB	0	0	0	0	0	0	0	0	0	0
QC	1	0	0	0	0	0	0	1	0	0
ON	4	1	7	7	0	0	4	19	1	0
MB	4	0	4	0	6	0	0	14	0	0
SK	1	0	2	0	6	0	0	9	0	0
AB	1	0	0	2	0	0	0	3	0	0
BC	0	0	0	0	0	0	0	0	0	0
YT	0	0	0	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0	0	0	0
NU	0	0	0	0	0	0	0	0	0	0
Canada	12	1	13	9	12	0	4	47	2	0

Abbreviations: Probable (Prob); Confirmed (Conf); 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 (YT), Northwest Territories (NT), Nunavut (NU)

⁴ Requires additional testing before it can be considered a confirmed result

⁵ West Nile Non-Neurological Syndrome (WN Non-NS)

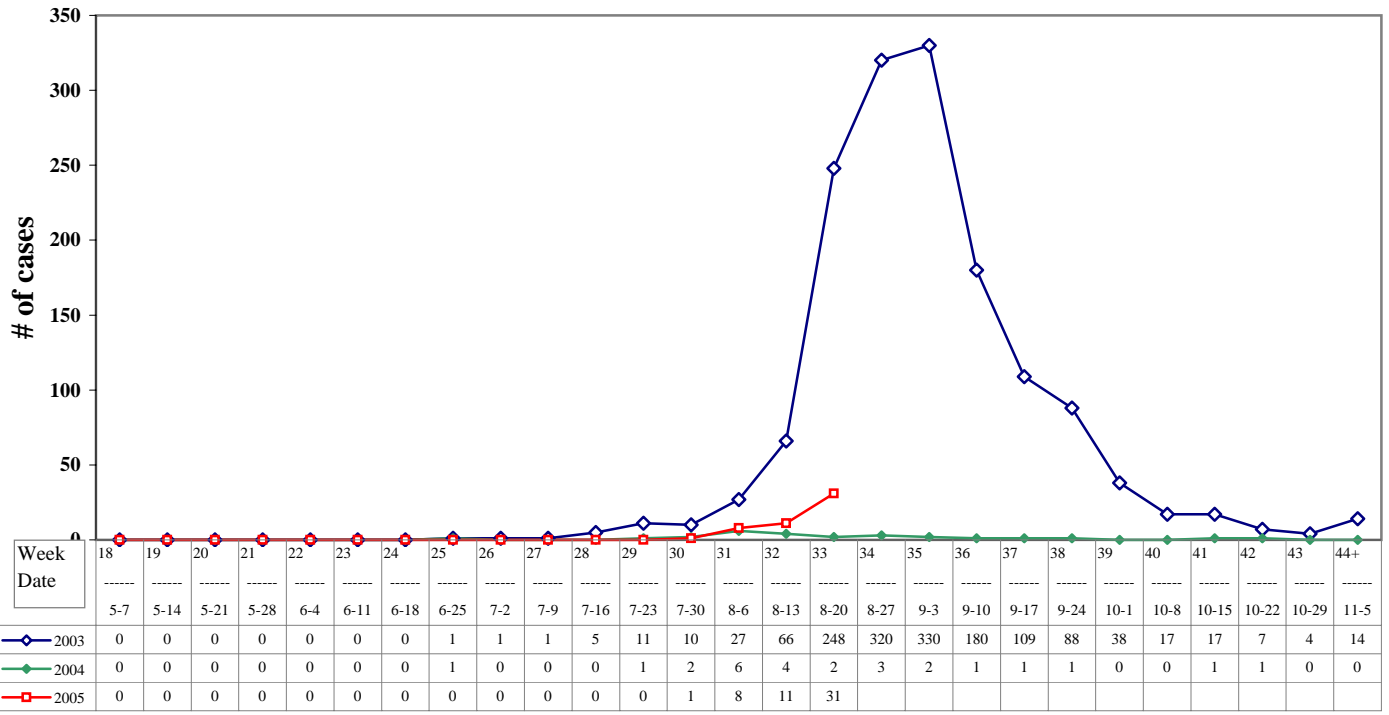
⁶ Total clinical cases is the sum of WNNS + WN Non-NS + Unspecified

⁷ 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:

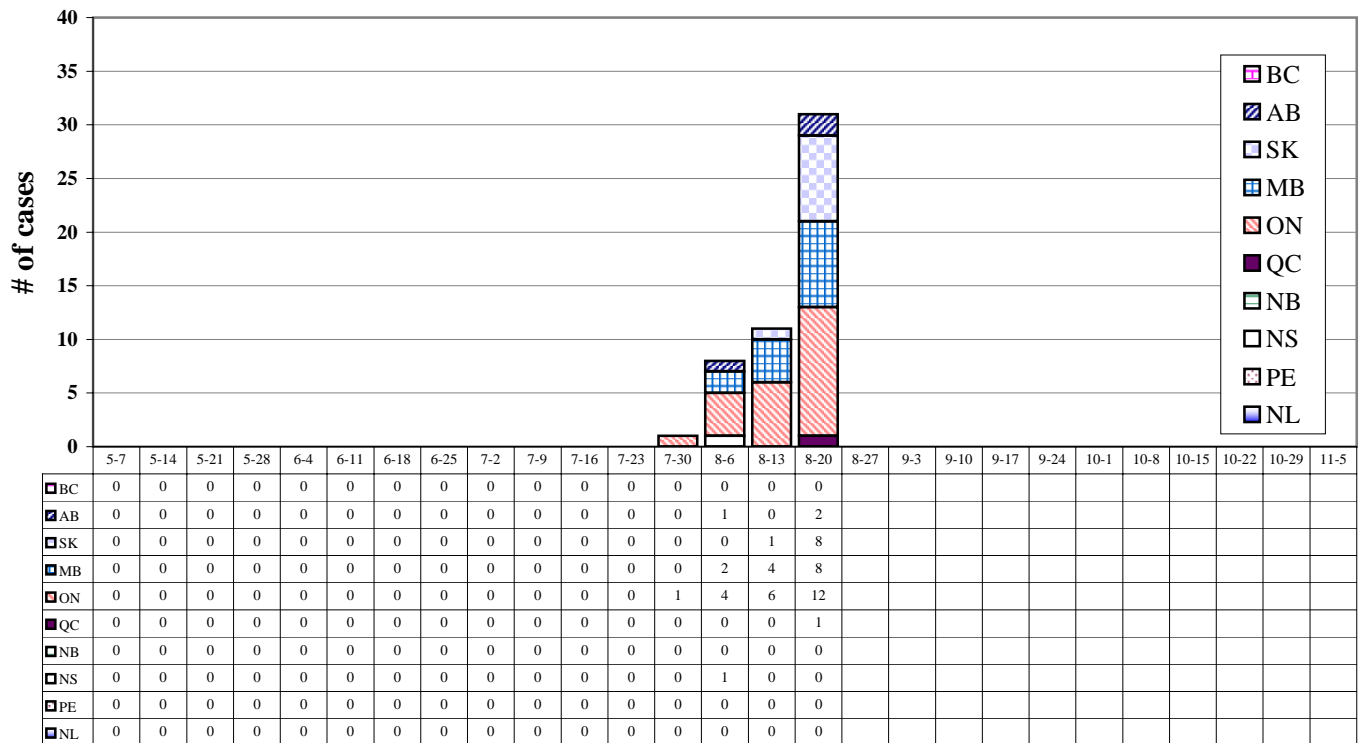
http://www.phac-aspc.gc.ca/wnv-vwn/mon_e.html

WNV Human Cases, by Report Week, Canada, 2003 to 2005



2005 Report Week and End-of-week Date
2003, 2004, and 2005 by available episode date ⁸

WNV Human Cases, by Province/Territory, by Report Week, Canada, 2005



⁸ Episode date could include one of the following: onset date, diagnosis date, lab sample date, reporting date