



West Nile Virus National Surveillance Report

English Edition

July 10, 2005 - July 16, 2005 (Week 28)

Canada

Human:

During week 28, one probable West Nile virus (WNV) case of human illness was reported in the Quebec health region. This is the first human WNV case reported to the Public Health Agency of Canada (PHAC) since the start of the 2005 WNV surveillance season.

Bird:

During week 28, four new health units [Ontario (1), Manitoba (2), and Quebec (1)] reported dead birds positive for WNV. Of the 313 dead birds tested, 8 (3%) were reported positive for WNV within week 28 (see table). To date, positive dead birds have been reported in five health units in Ontario (City of Ottawa, Hastings and Prince Edward, Lambton, Thunder Bay, and Northwestern), four health regions in Manitoba (Winnipeg, North Eastman, Interlake, and Assiniboine) and one health unit in Quebec (Laurentides). A total of 1768 dead birds have been tested since 2 May 2005, of which 17 (1%) were positive for WNV [confirmed (12) and presumptive(5)]. Sixteen (16) of the seventeen positive birds were American Crows.

Domestic Animal:

No WNV positive domestic animals have been reported to the Public Health Agency of Canada (PHAC) since the start of this season.

Mosquito:

As of 16 July 2005, Manitoba has reported 2 mosquito pools positive for WNV since the start of this season.

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 *Links* section on the PHAC WNV web site.

United States

Human:

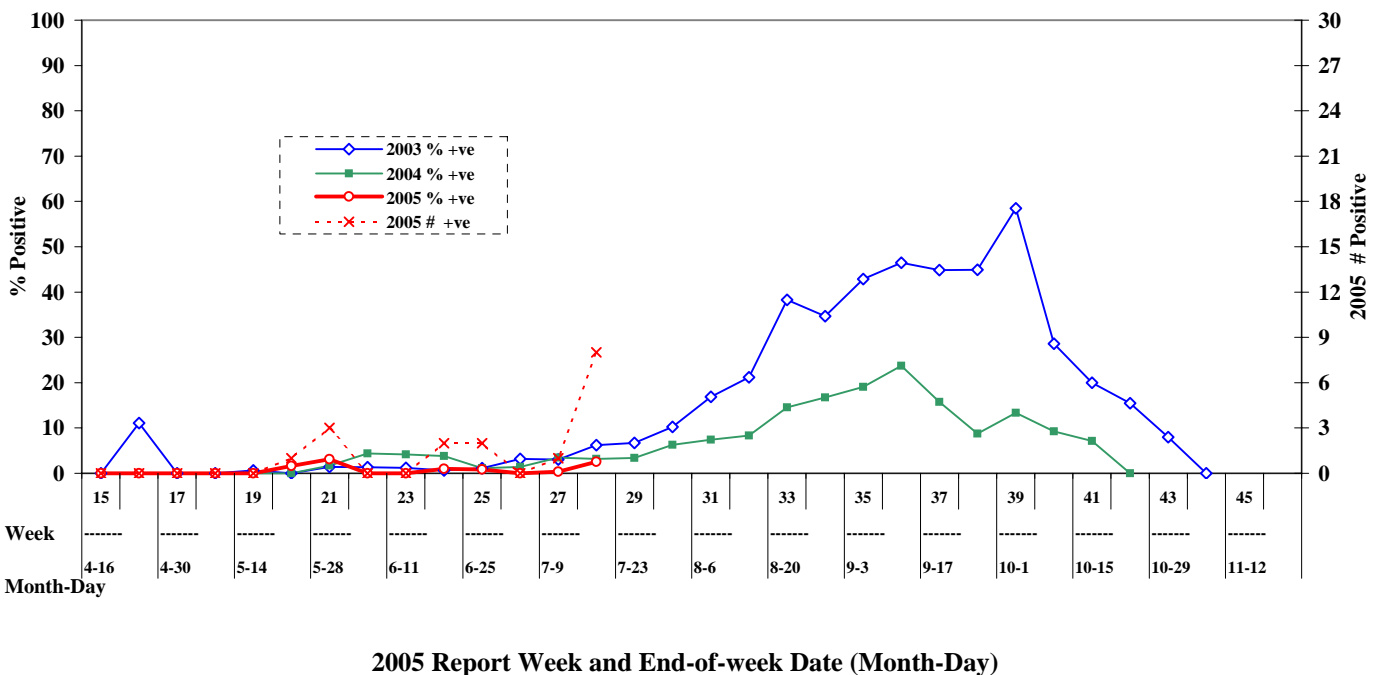
Between 01 January and 19 July 2005, a total of forty-one (41) WNV cases of human illness were reported in the U.S. [Arizona (5), Arkansas (1), California (9), Colorado (7), Georgia (1), Indiana (1), Kansas (2), Louisiana (1), Minnesota (1), Mississippi (2), Missouri (1), New Mexico (2), Ohio (1), South Dakota (6), and Texas (1)]. Of the 41 cases, 12 (29%) were reported as WN Neuroinvasive Disease, 28 (68%) were reported as WN Fever (Non-Neuroinvasive Disease), and 1 (2%) was Other Clinical / Unspecified.

States: Detailed State information can be accessed through the Centers for Disease Control and Prevention (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



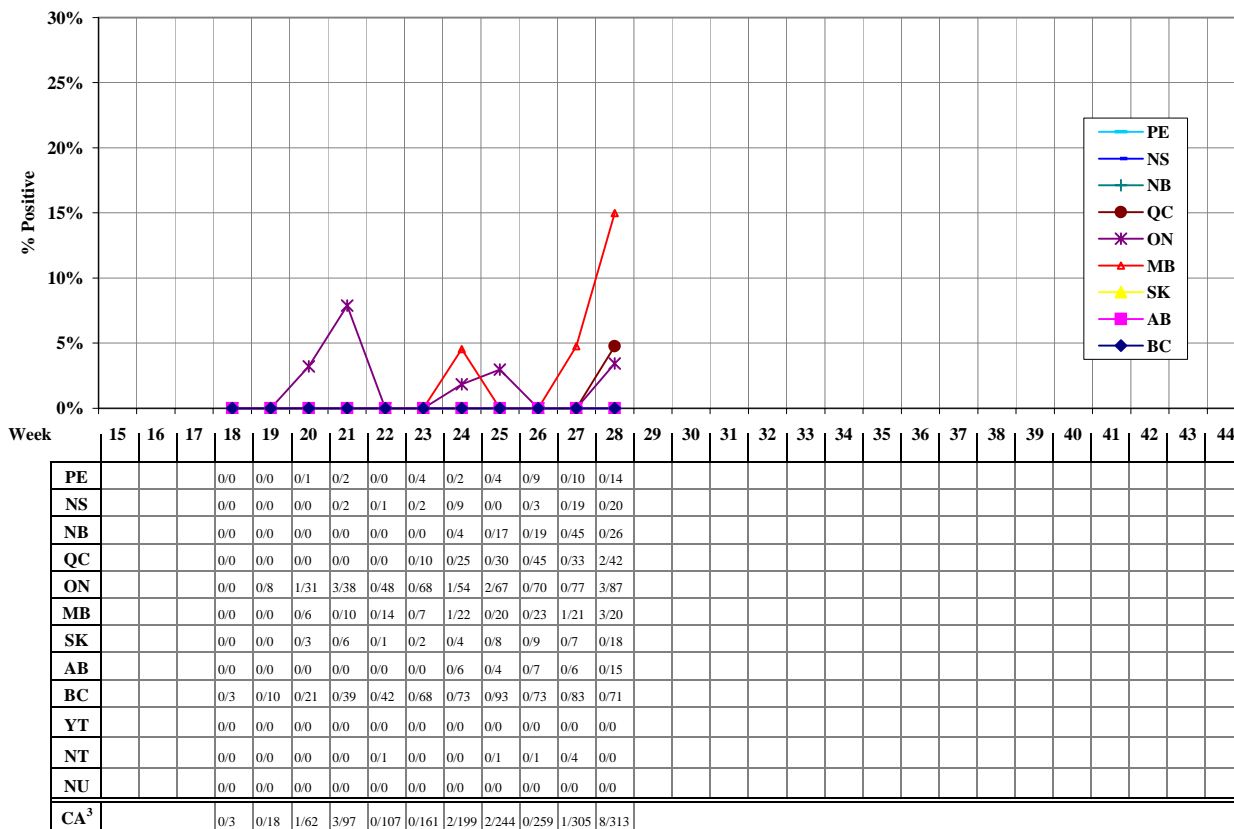
¹ Mostly corvids (e.g. crows, blue jays, grey jays, scrub jays, stellar jays, magpies, and ravens).

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

Provinces / Territories	July 10, 2005 - July 16, 2005 (Week 28)				Year-to-Date: July 16, 2005			
	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	14	0	0	0	46	0	0	0
NS	20	0	0	0	56	0	0	0
NB	26	0	0	0	111	0	0	0
QC	42	0	2	2	185	0	2	2
ON	87	1	2	3	548	2	8	10
MB	20	3	0	3	143	3	2	5
SK	18	0	0	0	58	0	0	0
AB	15	0	0	0	38	0	0	0
BC	71	0	0	0	576	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	313	4	4	8	1768	5	12	17

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



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: July 10, 2005 - July 16, 2005 (Week 28)									
	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	0	0	0	0	0	0	0	0	0	0
MB	0	0	0	0	0	0	0	0	0	0
SK	0	0	0	0	0	0	0	0	0	0
AB	0	0	0	0	0	0	0	0	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	1	0	0	0	0	0	0	1	0	0
Provinces Territories	Year-to-Date: July 16, 2005									
	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	0	0	0	0	0	0	0	0	0	0
MB	0	0	0	0	0	0	0	0	0	0
SK	0	0	0	0	0	0	0	0	0	0
AB	0	0	0	0	0	0	0	0	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	1	0	0	0	0	0	0	1	0	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)

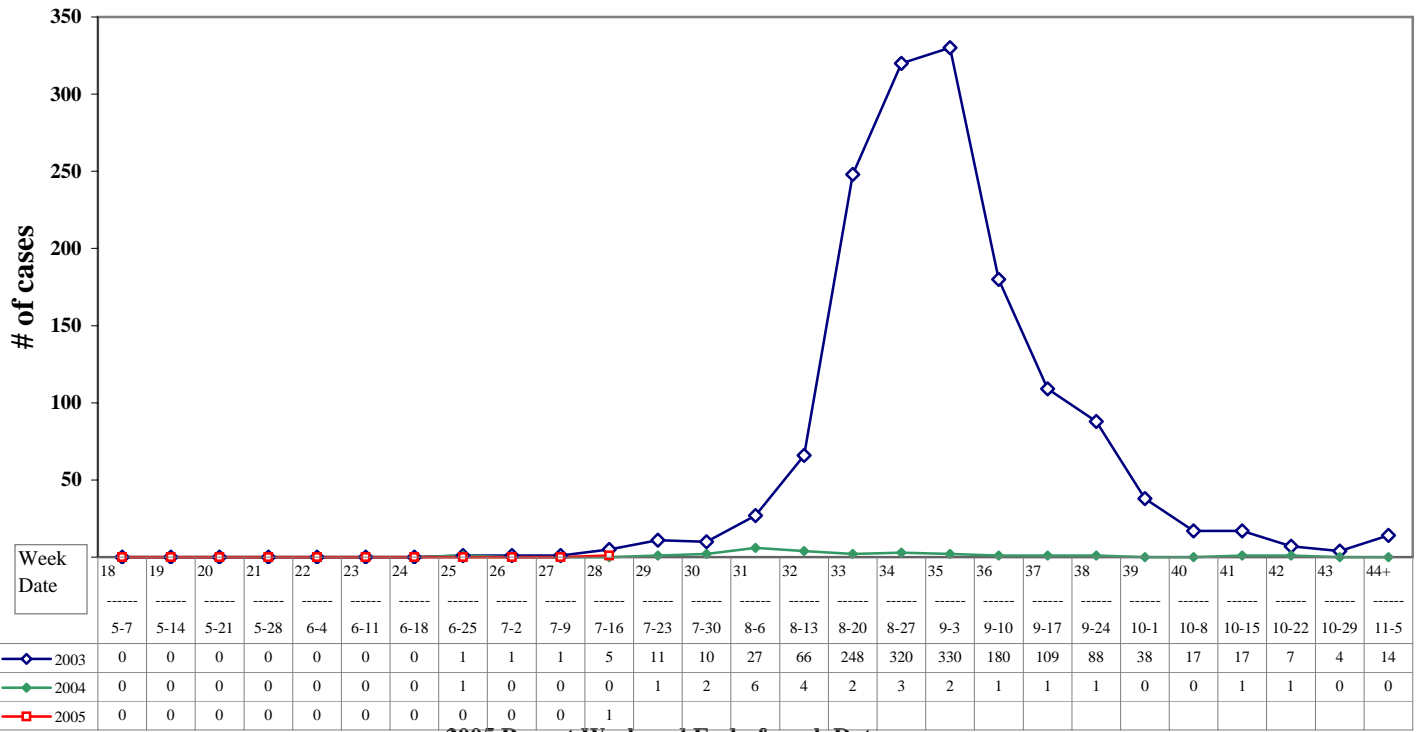
⁶ Total clinical cases is the sum of WNNS + WN Non-NS + Unspecified

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:

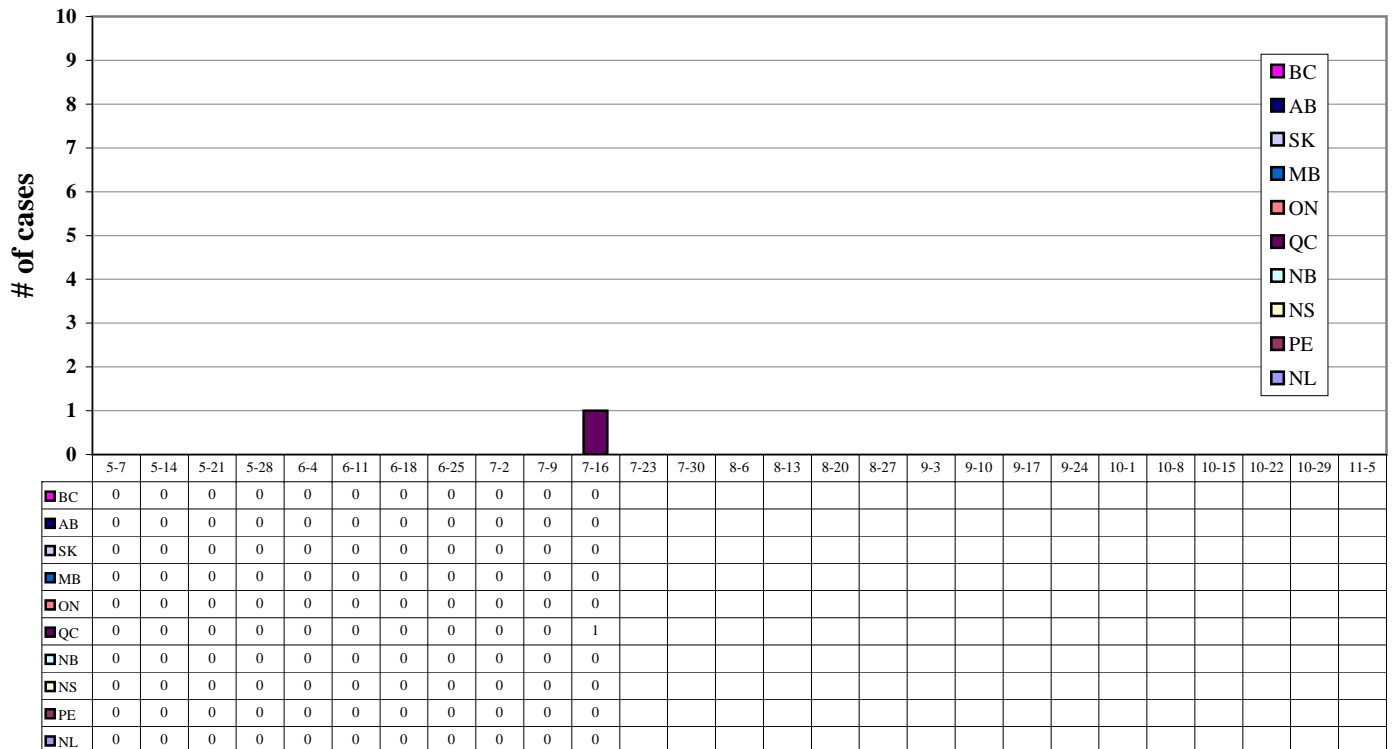
<http://www.hc-sc.gc.ca/pphb-dgspsp/wnv-vwn/index.html>

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