



# West Nile Virus National Surveillance Report

English Edition

July 17, 2005 - July 23, 2005 (Week 29)

## Canada

### Human:

During week 29, no new West Nile virus (WNV) cases of human illness were reported to the Public Health Agency of Canada (PHAC). To date, one probable human WNV case with Neurological Syndrome has been reported in the Quebec health region, since the start of the 2005 WNV surveillance season in Canada.

### Bird:

Over the one week period from July 17 to July 23, seven new health units [Ontario (5), and Manitoba (2)] reported dead birds positive for WNV. Of the 391 dead birds tested, 11 (3%) were reported positive for WNV within week 29 (see table). To date, positive dead birds have been reported in 10 health units in Ontario (Halton, Hastings -Prince Edward, Lambton, Middlesex-London, North Bay, Northwestern, City of Ottawa, Peterborough, Thunder Bay, and Toronto), 6 health regions in Manitoba (Winnipeg, North Eastman, Interlake, Brandon, Central and Assiniboine) and one health region in Quebec (Laurentides). A total of 2159 dead birds have been tested since 2 May 2005, of which 28 (1.3 %) were positive for WNV. Twenty-five (25) of the twenty eight 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 week 29, Manitoba has reported 13 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

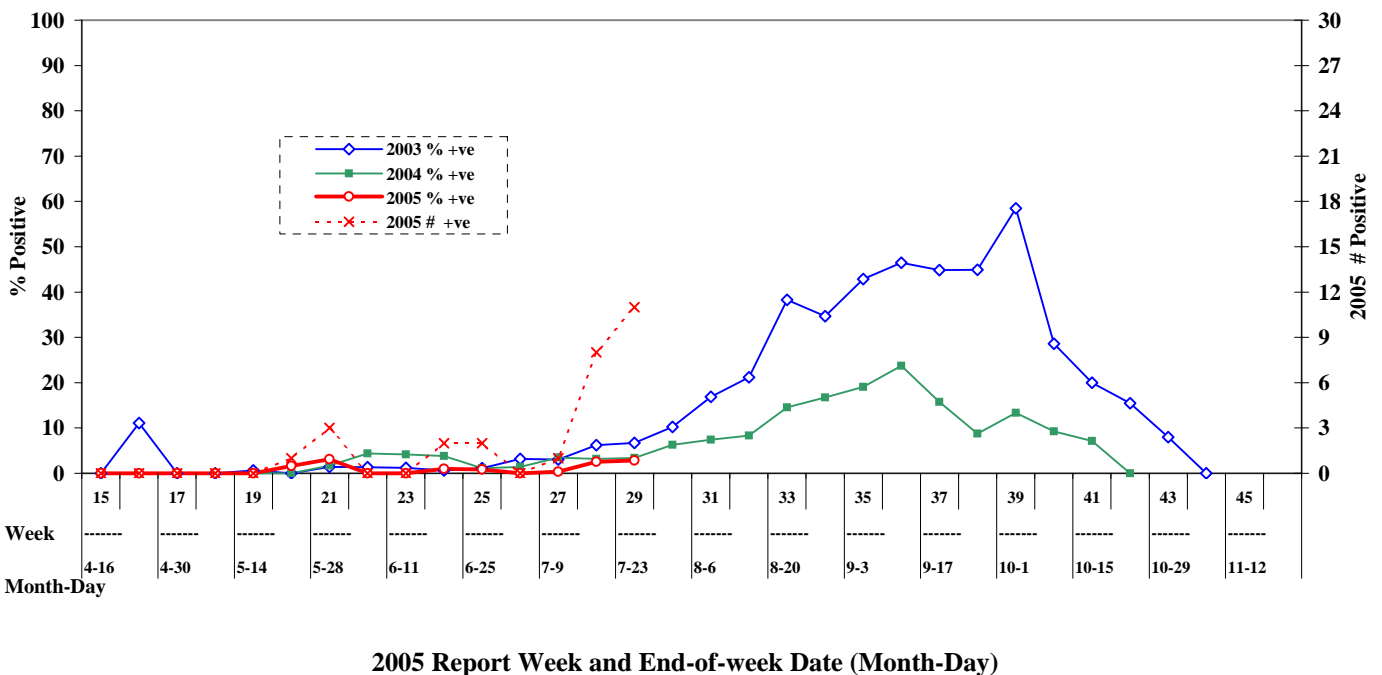
### Human:

Between 01 January and 26 July 2005, a total of sixty-one (61) WNV cases of human illness were reported in the U.S. [Arizona (7), Arkansas (2), California (17), Colorado (7), Georgia (1), Indiana (1), Kansas (2), Louisiana (1), Minnesota (3), Mississippi (2), Missouri (1), New Mexico (2), Ohio (1), Pennsylvania (1), South Dakota (11), and Texas (2)]. Of the 61 cases, 18 (30%) were reported as WN Neuroinvasive Disease, 40 (66%) were reported as WN Fever (Non-Neuroinvasive Disease), and 3 (5%) were Other Clinical / Unspecified. To date, two deaths have been reported since 1 January 2005.

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 Birds<sup>1</sup> Tested Positive for WNV, by Report Week, Canada 2003, 2004 & 2005, and Number of Dead Birds<sup>1</sup> Tested Positive for WNV, by Report Week, Canada 2005



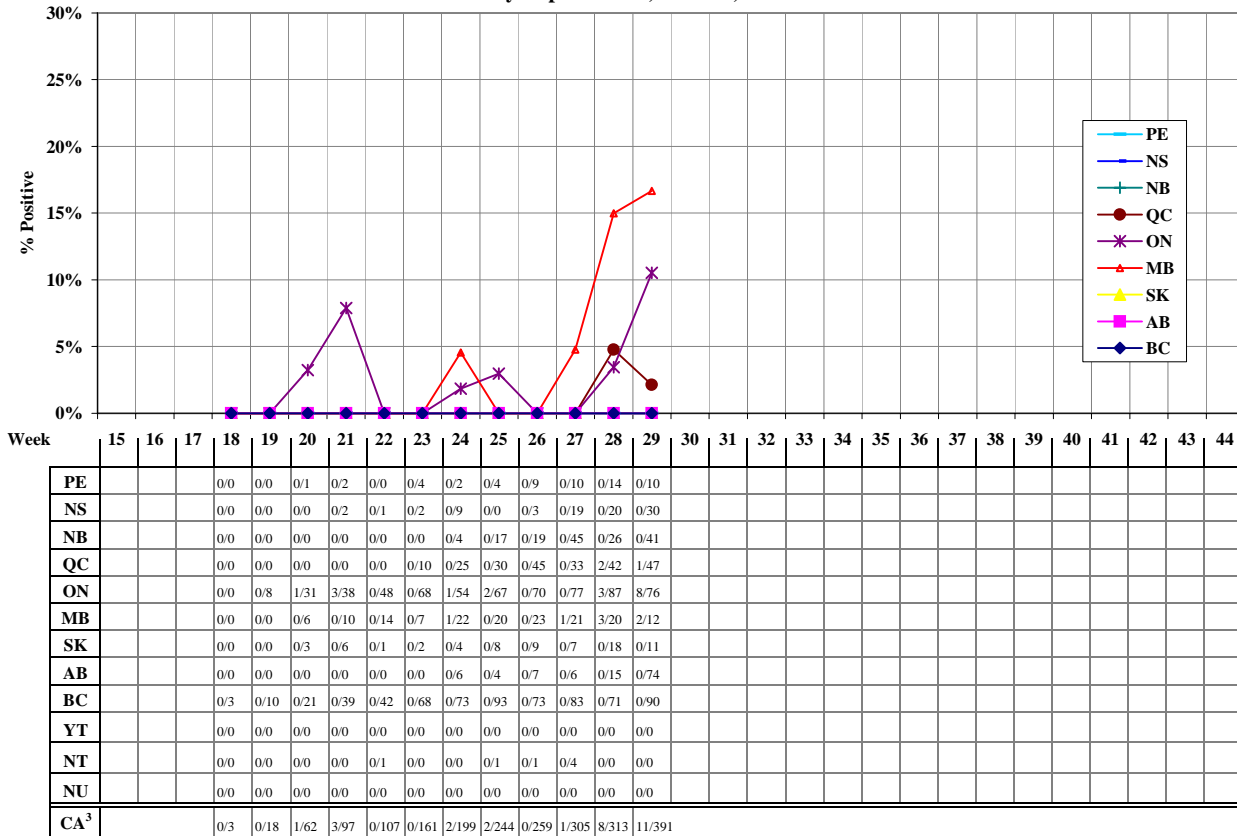
<sup>1</sup> Mostly corvids (e.g. crows, blue jays, grey jays, scrub jays, stellar jays, magpies, and ravens).

**Dead Bird<sup>1</sup> WNV Test Results for Current Report Week and Year-to-Date,  
by Province/Territory, Canada, 2005**

Provinces / Territories	July 17, 2005 - July 23, 2005 (Week 29)				Year-to-Date: July 23, 2005			
	No. tests	No. positive tests			No. tests	No. positive tests		
		Presumptive <sup>2</sup>	Confirmed	Total		Presumptive <sup>2</sup>	Confirmed	Total
NL	0	0	0	0	0	0	0	0
PE	10	0	0	0	56	0	0	0
NS	30	0	0	0	86	0	0	0
NB	41	0	0	0	152	0	0	0
QC	47	0	1	1	232	0	3	3
ON	76	0	8	8	624	0	18	18
MB	12	0	2	2	155	0	7	7
SK	11	0	0	0	69	0	0	0
AB	74	0	0	0	112	0	0	0
BC	90	0	0	0	666	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
<b>Canada</b>	<b>391</b>	<b>0</b>	<b>11</b>	<b>11</b>	<b>2159</b>	<b>0</b>	<b>28</b>	<b>28</b>

**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 Birds<sup>1</sup> Tested Positive for WNV, by Province/Territory,  
by Report Week, Canada, 2005**



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

<sup>2</sup> Requires additional testing before it can be considered a confirmed result

<sup>3</sup> 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 17, 2005 - July 23, 2005 (Week 29)									
	WNNS		WN Non-NS <sup>5</sup>		Unspecified	WNAI		Total clinical cases <sup>6</sup>	No. of travel related cases <sup>7</sup>	No. deaths
	Prob <sup>4</sup>	Conf	Prob <sup>4</sup>	Conf		Prob <sup>4</sup>	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	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0
Provinces Territories	Year-to-Date: July 23, 2005									
	WNNS		WN Non-NS <sup>5</sup>		Unspecified	WNAI		Total clinical cases <sup>6</sup>	No. of travel related cases <sup>7</sup>	No. deaths
	Prob <sup>4</sup>	Conf	Prob <sup>4</sup>	Conf		Prob <sup>4</sup>	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)

<sup>4</sup> Requires additional testing before it can be considered a confirmed result

<sup>5</sup> West Nile Non-Neurological Syndrome (WN Non-NS)

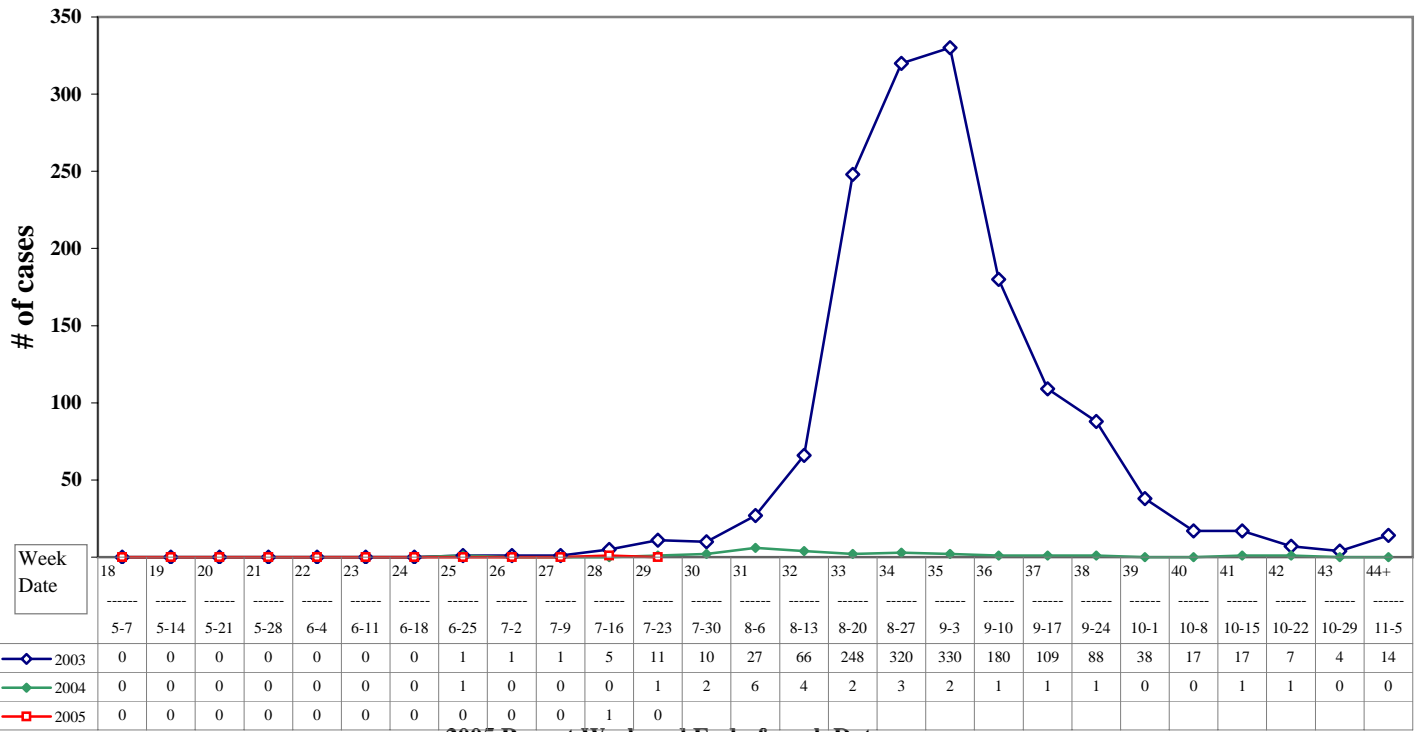
<sup>6</sup> Total clinical cases is the sum of WNNS + WN Non-NS + Unspecified

<sup>7</sup> 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:*

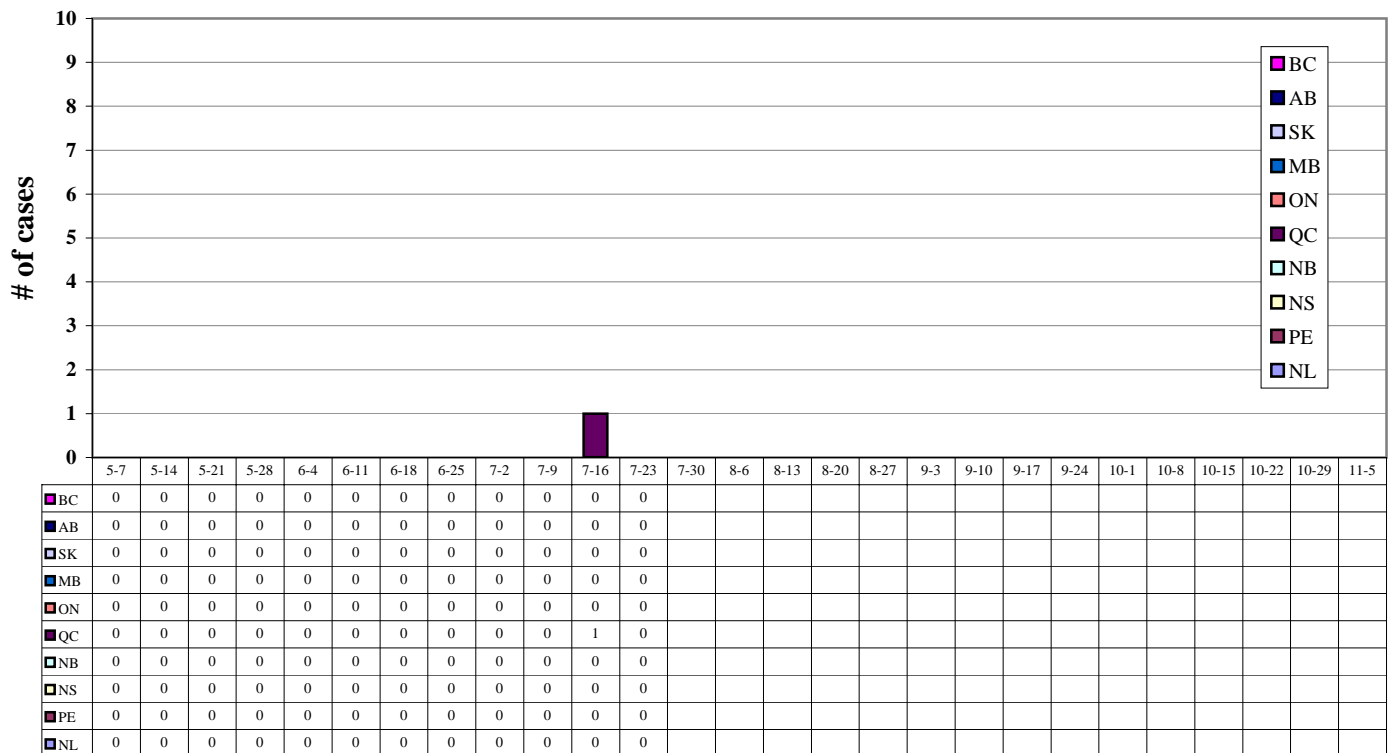
<http://www.hc-sc.gc.ca/pphb-dgspsp/wnv-vwn/index.html>

### 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 <sup>8</sup>

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



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