



## West Nile Virus National Surveillance Report

English Edition

July 03, 2005 - July 09, 2005 (Week 27)

### Canada

#### Human:

As of Week 27, no West Nile virus (WNV) cases of human illness, related to exposure and infection in Canada, have been reported in Canada since the start of the 2005 WNV surveillance season.

#### Bird:

During week 27, one new health region (North Eastman) in Manitoba reported a dead bird positive for WNV. To date, positive dead birds have been reported in four health units of Ontario (City of Ottawa, Hastings and Prince Edward, Lambton, and Thunder Bay) and two health regions in Manitoba (Winnipeg and North Eastman). A total of 1455 dead birds have been tested since 2 May 2005 (305 birds tested in week 27), of which 9 (0.6%) were positive for WNV [confirmed (8) and presumptive(1)]. All nine birds were American Crows (see table below).

#### 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:

No mosquito pools have been reported positive for WNV to the PHAC 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 12 July 2005, a total of twenty-five (25) WNV cases of human illness were reported in the U.S. [Arizona (3), California (2), Colorado (7), Georgia (1), Indiana (1), Kansas (1), Missouri (1), New Mexico (2), Ohio (1), South Dakota (5), and Texas (1)]. Of the 25 cases, 9 (36%) were reported as WN Neuroinvasive Disease, 15 (60%) were reported as WN Fever (Non-Neuroinvasive Disease), and 1 (4%) 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>



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

Provinces / Territories	July 03, 2005 - July 09, 2005 (Week 27)				Year-to-Date: July 09, 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	32	0	0	0
NS	19	0	0	0	36	0	0	0
NB	45	0	0	0	85	0	0	0
QC	33	0	0	0	143	0	0	0
ON	77	0	0	0	461	0	7	7
MB	21	1	0	1	123	1	1	2
SK	7	0	0	0	40	0	0	0
AB	6	0	0	0	23	0	0	0
BC	83	0	0	0	505	0	0	0
YT	0	0	0	0	0	0	0	0
NT	4	0	0	0	7	0	0	0
NU	0	0	0	0	0	0	0	0
<b>Canada</b>	<b>305</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1455</b>	<b>1</b>	<b>8</b>	<b>9</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 (YT), Northwest Territories (NT), Nunavut (NU)

<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.



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

Provinces Territories	Report Week: July 03, 2005 - July 09, 2005 (Week 27)									
	WNNS		WN Non-NS <sup>4</sup>		Unspecified	WNAI		Total clinical cases <sup>5</sup>	No. of travel related cases <sup>6</sup>	No. deaths
	Prob <sup>3</sup>	Conf	Prob <sup>3</sup>	Conf		Prob <sup>3</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 09, 2005									
	WNNS		WN Non-NS <sup>4</sup>		Unspecified	WNAI		Total clinical cases <sup>5</sup>	No. of travel related cases <sup>6</sup>	No. deaths
	Prob <sup>3</sup>	Conf	Prob <sup>3</sup>	Conf		Prob <sup>3</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

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

<sup>3</sup> Requires additional testing before it can be considered a confirmed result

<sup>4</sup> West Nile Non-Neurological Syndrome (WN Non-NS)

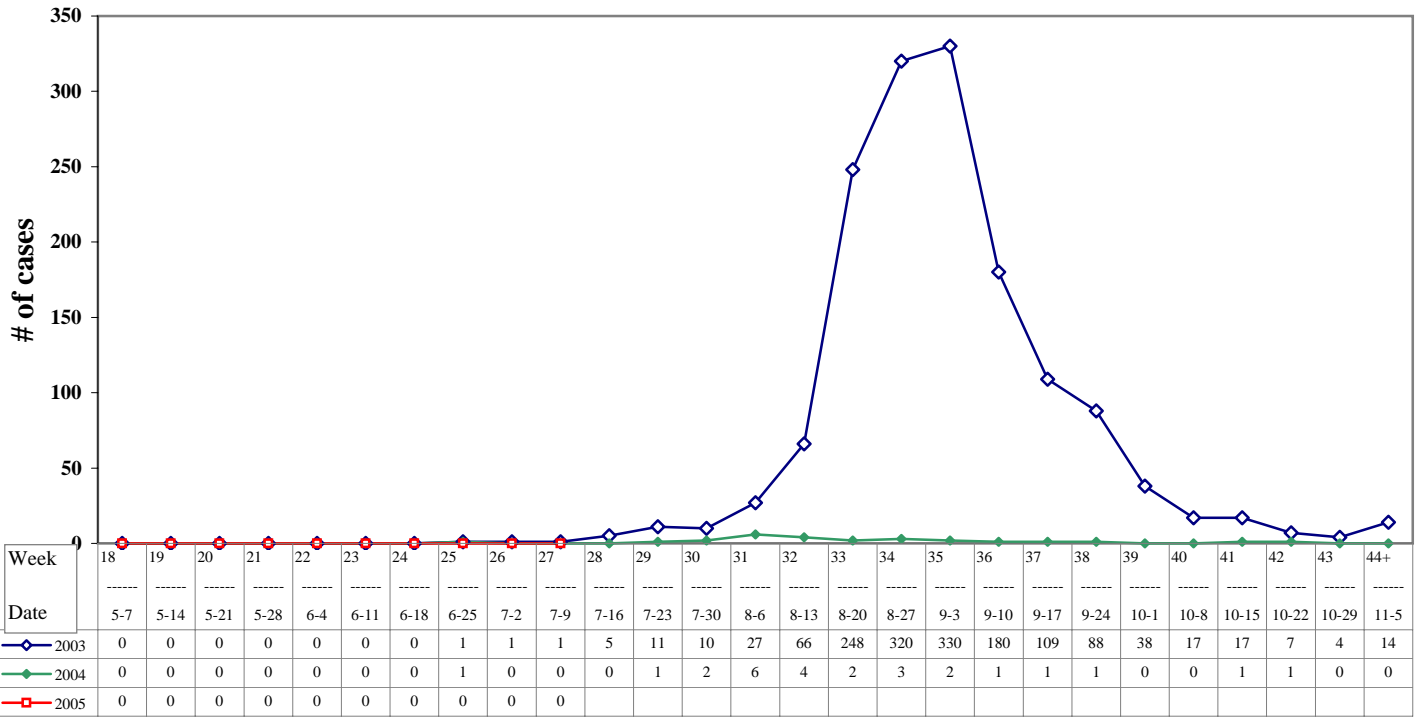
<sup>5</sup> Total clinical cases is the sum of WNNS + WN Non-NS + Unspecified

<sup>6</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:*

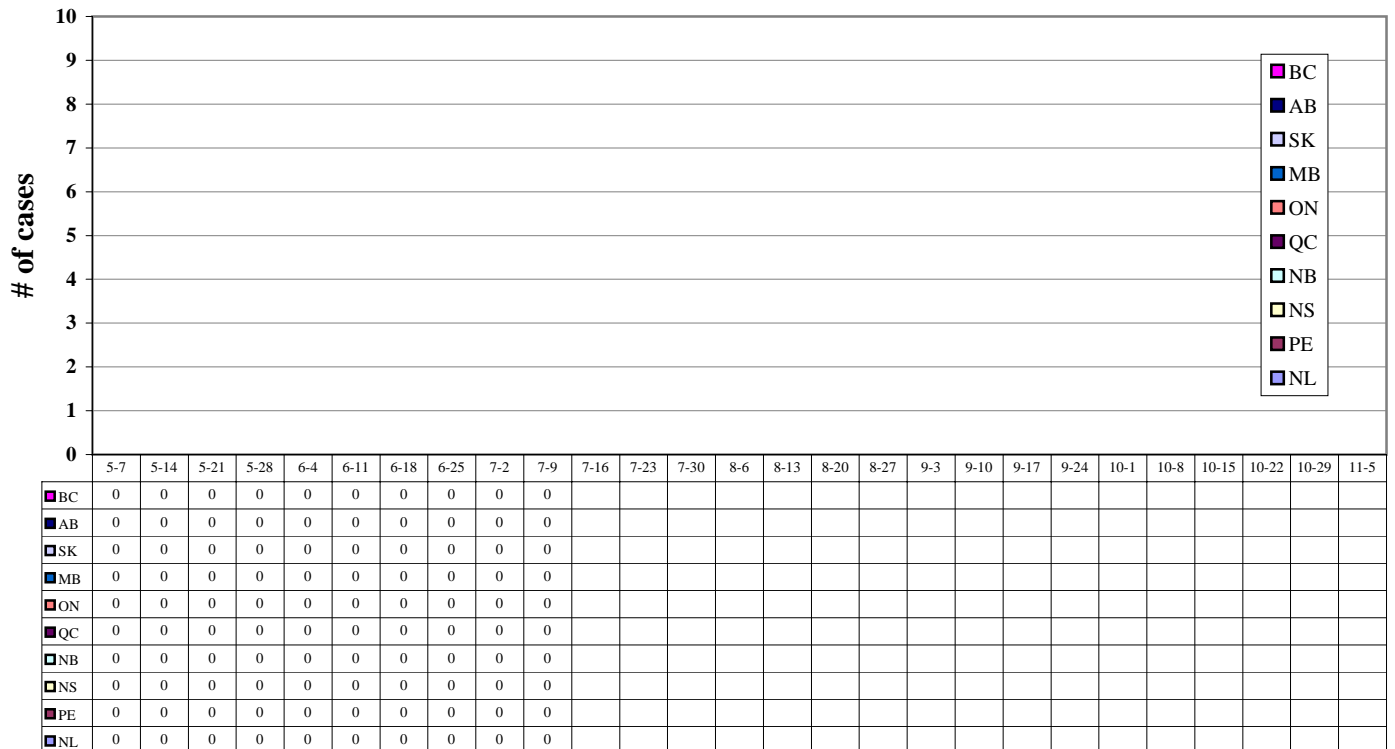
<http://www.hc-sc.gc.ca/pphb-dgspsp/wnv-vwn/index.html>

### 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>7</sup>**

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



<sup>7</sup> Episode date could include one of the following: onset date, diagnosis date, lab sample date, reporting date