



### West Nile Virus National Surveillance Report English Edition

June 1, 2008 to June 7, 2008 (Week 23)

#### Canada

**Human:**

No human cases of West Nile virus (WNV) infection have been reported to the Public Health Agency of Canada (PHAC) since the start of this 2008 WNV season.

**Bird:**

No positive WNV dead birds have been reported to the Canadian Cooperative Wildlife Health Centre (CCWHC) since the start of this season.

**Mosquito:**

No positive WNV mosquito pools have been reported since the start of this season.

**Domestic Animal:**

No horses with WNV infection have been reported to the Canadian Food Inspection Agency (CFIA) since the start of this 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.

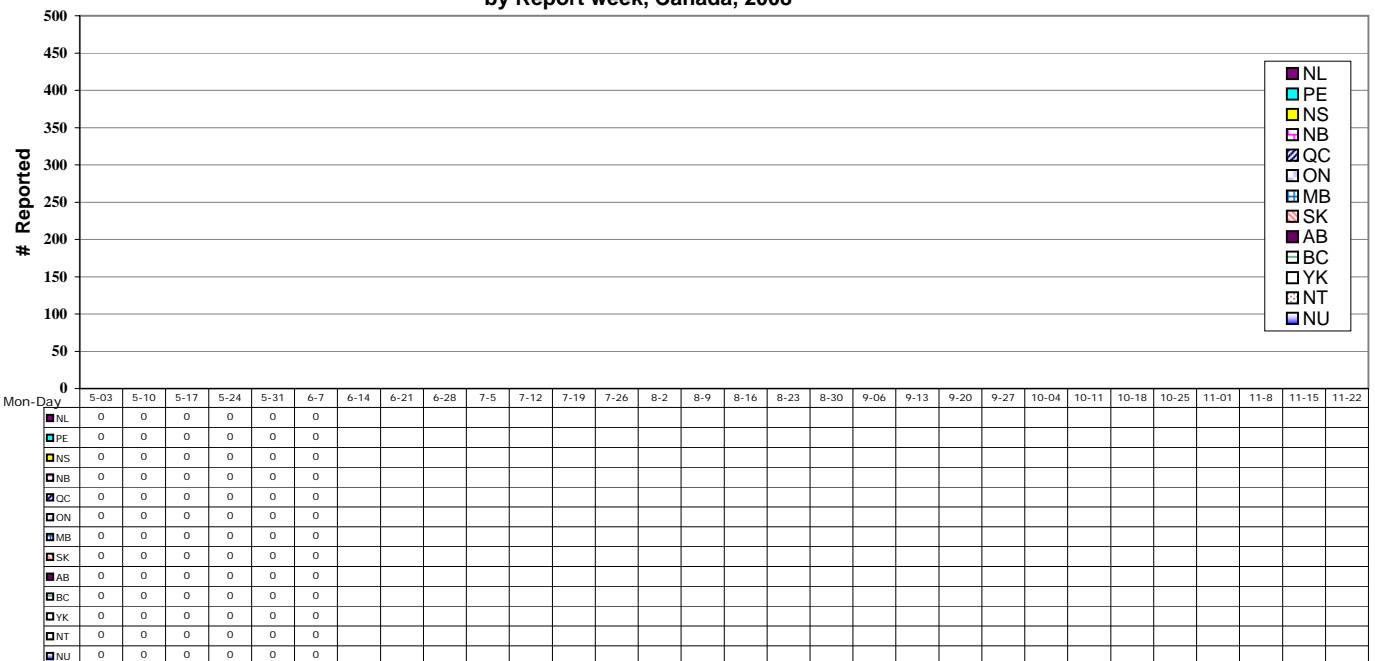
#### United States

**Human:**

As of 27 May 2008, six (6) human WNV clinical cases [Arizona (1), Mississippi (2), Tennessee (1) and Texas (2)] have been reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the six cases, 2 (33%) were reported as West Nile meningitis and 4 (67%) as West Nile fever. No deaths have been reported since the start of this 2008 WNV season.

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

#### WNV Human Clinical Cases and Asymptomatic Infections, by Province/Territory, by Report week, Canada, 2008



**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 Clinical Cases and Asymptomatic Infections for the Current Report Week and Year-to-Date,  
by Province/Territory, Canada, 2008**

| Provinces<br>Territories | Report Week: June 1, 2008 to June 7, 2008 (Week 23) |  |                               |                                      |   |   |
|--------------------------|---|--|-------------------------------|--------------------------------------|---|---|
|                          | West Nile Virus<br>Neurological Syndrome<br>(WNNS)  | West Nile Virus Non-<br>Neurological Syndrome<br>(WN Non_NS) | Unclassified /<br>Unspecified | Total Clinical<br>Cases <sup>1</sup> | No. of travel<br>related cases <sup>2</sup> | West Nile Virus Asymptomatic<br>Infections <sup>3</sup> |
|                          | 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  | 0                             | 0                                    | 0   | 0   |
| SK                       | 0   | 0  | 0                             | 0                                    | 0   | 0   |
| AB                       | 0   | 0  | 0                             | 0                                    | 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   | 0  | 0                             | 0                                    | 0   | 0   |
| Provinces<br>Territories | Year-to-Date: May 25, 2008 to June 7, 2008          |  |                               |                                      |   |   |
|                          | West Nile Virus<br>Neurological Syndrome<br>(WNNS)  | West Nile Virus Non-<br>Neurological Syndrome<br>(WN Non_NS) | Unclassified /<br>Unspecified | Total Clinical<br>Cases <sup>1</sup> | No. of travel<br>related cases <sup>2</sup> | West Nile Virus Asymptomatic<br>Infections <sup>3</sup> |
|                          | 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  | 0                             | 0                                    | 0   | 0   |
| SK                       | 0   | 0  | 0                             | 0                                    | 0   | 0   |
| AB                       | 0   | 0  | 0                             | 0                                    | 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   | 0  | 0                             | 0                                    | 0   | 0   |

<sup>1</sup> Total clinical cases is the sum of both probable and confirmed: WNNS, WN Non-NS and Unclassified / Unspecified

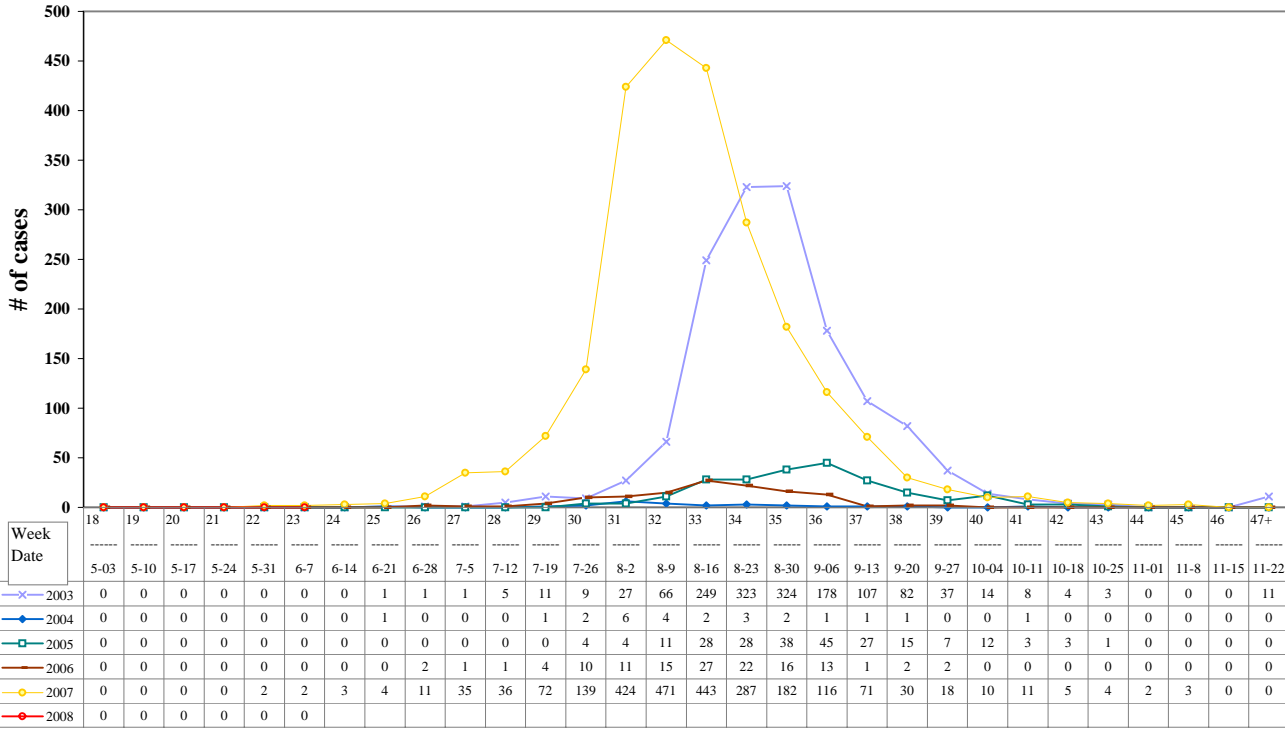
<sup>2</sup> Likely related to travel outside the province / territory

<sup>3</sup> Satisfies West Nile virus diagnostic test criteria IN THE ABSENCE of clinical criteria. This category could include asymptomatic blood donors whose blood is screened using a Nucleic Acid Amplification Test (NAT), by Blood Operators (i.e. Canadian Blood Services or Hema-Quebec) and is subsequently brought to the attention of public health officials. Blood Operators in Canada perform a supplementary WN virus-specific NAT following any positive donor screen test result.

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](http://www.phac-aspc.gc.ca/wnv-vwn/hmncasedef_e.html)

### WNV Human Clinical Cases and Asymptomatic Infections in Canada, 2003 to 2008



Report Week by Episode date <sup>4</sup>

### Cumulative number of WNV positive mosquito pools tested by week, by province/territory, in Canada<sup>5</sup> 2008

| Provinces/Territories | Cumulative Total Tested by Report Week |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|-----------------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
|                       | 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 | 45 | 46 |  |  |
| NL                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| PE                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| NS                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| NB <sup>6</sup>       | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| QC <sup>6</sup>       | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| ON                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| MB                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| SK                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| AB                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| BC                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| YK                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| NT                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| NU                    | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Canada                | 0                                      | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |

<sup>4</sup> Episode date could include one of the following: symptom onset date, diagnosis date, lab sample date, or reporting date.

<sup>5</sup> Detailed WNV mosquito surveillance data can be accessed through provincial/territorial web sites.

<sup>6</sup> These provinces are not conducting mosquito surveillance as part of their WNV surveillance program in 2008.

