# WEST NILE VIRUS AND OTHER MOSQUITO-BORNE DISEASE NATIONAL SURVEILLANCE REPORT AUGUST 3 TO AUGUST 9, 2014 – REPORT WEEK 32

# CANADA

## HUMANS:

As of surveillance week 32 (August 3 to August 9, 2014), no confirmed human cases of West Nile Virus (WNV) were reported to the Public Health Agency of Canada (the Agency).

## MOSQUITOES:

Since the start of the 2014 WNV season, a reported 26 mosquito pools tested positive for WNV in Canada: 10 in Quebec [Montreal (8) Laval (1) and Montérégie]; nine in Ontario [Halton Region (1), Peel Region (4), Lambton Health Unit (1), Toronto Public Health (1) and Middlesex-London (2)] and seven in Manitoba [Interlake-Eastern Health Region (4), Winnipeg Health Region (1) and Southern Health Region (2)].

## DEAD BIRDS:

During surveillance week 32, the Canadian Wildlife Health Cooperative tested two dead birds for WNV in Saskatchewan and both are positive for WNV.

Since the start of the 2014 WNV season, the Canadian Wildlife Health Cooperative has tested 39 dead birds for WNV in Canada: Saskatchewan (26), Ontario (10) and Quebec (3). Of these, two (5.1%) are positive for WNV.

## DOMESTIC ANIMALS:

Since the start of the 2014 WNV season, the Canadian Food Inspection Agency reported two horses tested positive for WNV in Canada: Alberta (1) and Saskatchewan (1). National WNV surveillance data and maps can be accessed via the <u>PHAC web site</u>.

# UNITED STATES

Since the start of the 2014 West Nile Virus (WNV) season, 82 human WNV cases were reported by the Centers for Disease Control and Prevention [Arizona (13), Arkansas (1), California (19), Colorado (5), District of Columbia (1), Georgia (1), Iowa (3), Louisiana (11), Mississippi (5), Missouri (2), Nebraska (5), New York (1), Oklahoma (1), South Dakota (12), Tennessee (1), Texas (1) and Wisconsin (1)]. Of these, 39 (47.6%) were diagnosed as neuroinvasive disease cases and 43 (52.4%) as non-neuroinvasive cases. Four fatal cases were reported. Twenty-eight presumptive viremic blood donors have been identified.

Detailed information can be accessed via the <u>CDC web site</u>.

# EUROPEAN UNION, EUROPEAN ECONOMIC AREA AND NEIGHBOURING COUNTRIES

Since the start of the 2014 West Nile Virus (WNV) season, no human cases have been reported in the European Union/European Economic Area by the European Centre for Disease Prevention and Control. Twenty-five human cases have been reported in neighbouring countries: Bosnia and Herzegovina (13), Russian Federation (7) and Serbia (5).

Detailed information can be accessed via the <u>ECDC web site</u>.

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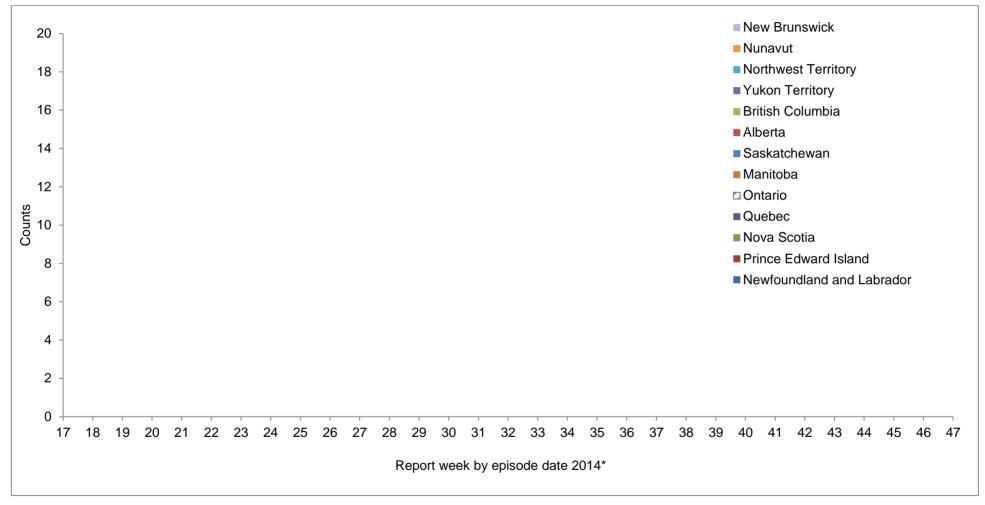


FIGURE 1: West Nile Virus clinical cases and asymptomatic infections, by Province/Territory and by report week, 2014 season

\* Episode date could include one of the following: onset date, diagnosis date, lab sample date, or reporting date

|                           |    |    |    |    |    |    |    |    |    |    |    |    |    | R  | eport | week | of 20 | 14 |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           | 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 | 47 |
| Newfoundland and Labrador | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Prince Edward Island      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| New Brunswick             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Nova Scotia               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Quebec                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ontario                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Manitoba                  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saskatchewan              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Alberta                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| British Columbia          | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Yukon Territory           | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Northwest Territory       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Nunavut                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Total                     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

## **TABLE 1:** West Nile Virus clinical cases and asymptomatic infections, by Province/Territory and by report week, 2014 season

|                           |  |   | Week 32: August 3        | to August 9, 2014                 |   |  |
|---------------------------|--|---|--------------------------|-----------------------------------|---|--|
|                           | West Nile Virus<br>neurological syndrome | West Nile Virus non-<br>neurological syndrome | Unclassified/unspecified | Total clinical cases <sup>1</sup> | Number of travel-related cases <sup>2</sup> | West Nile Virus asymptomatic infections <sup>3</sup> |
| Newfoundland and Labrador | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Prince Edward Island      | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Nova Scotia               | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| New Brunswick             | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Quebec                    | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Ontario                   | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Manitoba                  | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Saskatchewan              | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Alberta                   | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| British Columbia          | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Yukon Territory           | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Northwest Territory       | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Nunavut                   | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Total                     | 0  | 0   | 0                        | 0                                 | 0   | 0  |

#### **TABLE 2:** West Nile Virus human clinical cases and asymptomatic infections by Province/Territory for the current report week and year to date, 2014 season

|                           |  |   | Year to date: Januar     | y 1 to August 9, 2014             |   |  |
|---------------------------|--|---|--------------------------|-----------------------------------|---|--|
|                           | West Nile Virus<br>neurological syndrome | West Nile Virus non-<br>neurological syndrome | Unclassified/unspecified | Total clinical cases <sup>1</sup> | Number of travel-related cases <sup>2</sup> | West Nile Virus asymptomatic infections <sup>3</sup> |
| Newfoundland and Labrador | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Prince Edward Island      | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Nova Scotia               | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| New Brunswick             | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Quebec                    | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Ontario                   | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Manitoba                  | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Saskatchewan              | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Alberta                   | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| British Columbia          | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Yukon Territory           | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Northwest Territory       | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Nunavut                   | 0  | 0   | 0                        | 0                                 | 0   | 0  |
| Total                     | 0  | 0   | 0                        | 0                                 | 0   | 0  |

<sup>1</sup> Total clinical cases is the sum of both probable and confirmed: West Nile Virus neurological and non-neurological syndromes, along with any unclassified or unspecified cases.

<sup>2</sup> Likely related to travel outside the province/territory. These cases are included in either the total clinical cases or West Nile Virus asymptomatic infections.

<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 West Nile Virus specific NAT following any positive donor screen test result.

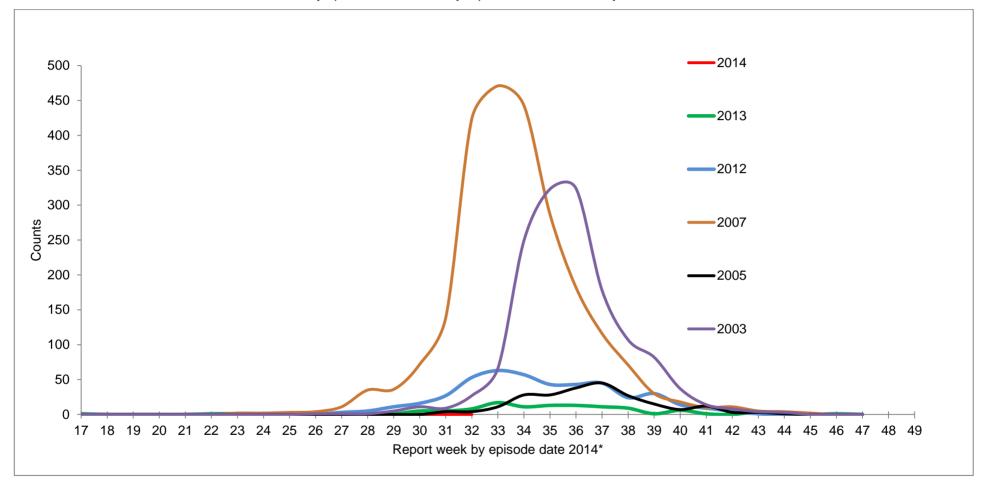


FIGURE 2: West Nile Virus clinical cases and asymptomatic infections by report week for selected years

\* Episode date could include one of the following: onset date, diagnosis date, lab sample date, or reporting date

|      |    |    |    |    |    |    |    |    |    |    |    |    |    | F  | Report | week o | of 2014 | 4   |     |     |     |     |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|--------|---------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
|      | 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 | 47 |
| 2014 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      | 0      |         |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 2013 | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 2  | 1  | 5  | 5      | 8      | 17      | 11  | 13  | 13  | 11  | 9   | 1  | 6  | 1  | 0  | 4  | 1  | 0  | 1  | 0  |
| 2012 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3  | 5  | 11 | 16 | 27     | 53     | 63      | 57  | 43  | 43  | 45  | 24  | 30 | 14 | 9  | 5  | 1  | 0  | 0  | 0  | 0  |
| 2007 | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 3  | 4  | 11 | 35 | 36 | 72 | 139    | 424    | 471     | 443 | 287 | 182 | 116 | 71  | 30 | 18 | 10 | 11 | 5  | 4  | 2  | 0  | 0  |
| 2005 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4      | 4      | 11      | 28  | 28  | 38  | 45  | 27  | 15 | 7  | 12 | 3  | 3  | 1  | 0  | 0  | 0  |
| 2003 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 5  | 11 | 9      | 27     | 66      | 249 | 323 | 324 | 178 | 107 | 82 | 37 | 14 | 8  | 4  | 3  | 0  | 0  | 0  |

**TABLE 3:** West Nile Virus clinical cases and asymptomatic infections by report week for selected years

|                           |    |    |    |    |    |    |    |    |    |    |    |    |    | R  | eport | week | of 20 | 14 |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           | 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 | 47 |
| Newfoundland and Labrador | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Prince Edward Island      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| New Brunswick             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Nova Scotia               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Quebec                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 4  | 9     | 10   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ontario                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 5     | 9    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Manitoba                  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 7     | 7    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Saskatchewan              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Alberta                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| British Columbia          | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Yukon Territory           | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Northwest Territory       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Nunavut                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     | 0    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Total                     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 6  | 21    | 26   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

## TABLE 4.1: Reported cumulative number of West Nile Virus positive mosquito pools by Province/Territory and by report week, 2014 season

|                           |                                 | Year to date: January 1 to August 9, 2014 |   |
|---------------------------|---------------------------------|---|---|
|                           | Number of mosquito pools tested | Number of positive mosquito pools         | Percentage of positive mosquito pools (%) |
| Newfoundland and Labrador | 0                               | 0   | 0   |
| Prince Edward Island      | 0                               | 0   | 0   |
| New Brunswick             | 0                               | 0   | 0   |
| Nova Scotia               | 0                               | 0   | 0   |
| Quebec                    | 6,329                           | 10  | 0.2                                       |
| Ontario                   | 3,138                           | 9   | 0.3                                       |
| Manitoba                  | 734                             | 7   | 1.0                                       |
| Saskatchewan              | 273                             | 0   | 0   |
| Alberta                   | 0                               | 0   | 0   |
| British Columbia          | 101                             | 0   | 0   |
| Yukon Territory           | 0                               | 0   | 0   |
| Northwest Territory       | 0                               | 0   | 0   |
| Nunavut                   | 0                               | 0   | 0   |
| Total                     | 10,575                          | 26  | 0.2                                       |

#### **TABLE 4.2:** Detailed mosquito pools tested and positive mosquito pools by Province/Territory, 2014 season

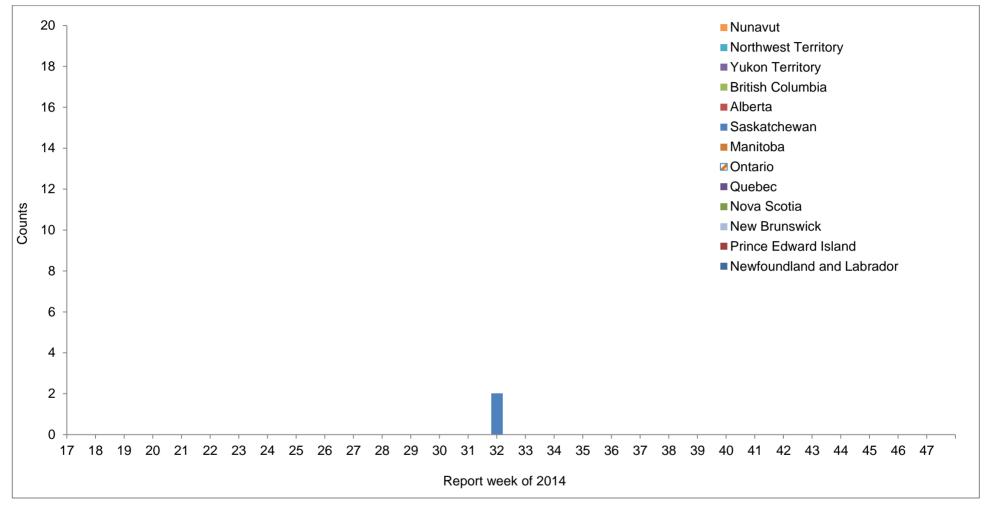


FIGURE 3: Reported number of dead birds testing positive for West Nile Virus by Province/Territory and by report week, 2014 season\*

\* Data from the Canadian Wildlife Health Cooperative

|                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Re | port v | veek o | of 201 | 4  |    |    |    |    |    |    |    |    |    |    |    |    |       |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|--------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
|                           | 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 | 47 | Total |
| Newfoundland and Labrador | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Prince Edward<br>Island   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| New Brunswick             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Nova Scotia               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Quebec                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Ontario                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Manitoba                  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Saskatchewan              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 2     |
| Alberta                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| British<br>Columbia       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Yukon Territory           | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Northwest<br>Territory    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Nunavut                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 0     |
| Total                     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2      |        |        |    |    |    |    |    |    |    |    |    |    |    |    |    | 2     |

## TABLE 5: Reported number of dead birds testing positive for West Nile Virus by Province/Territory and by report week, 2014 season

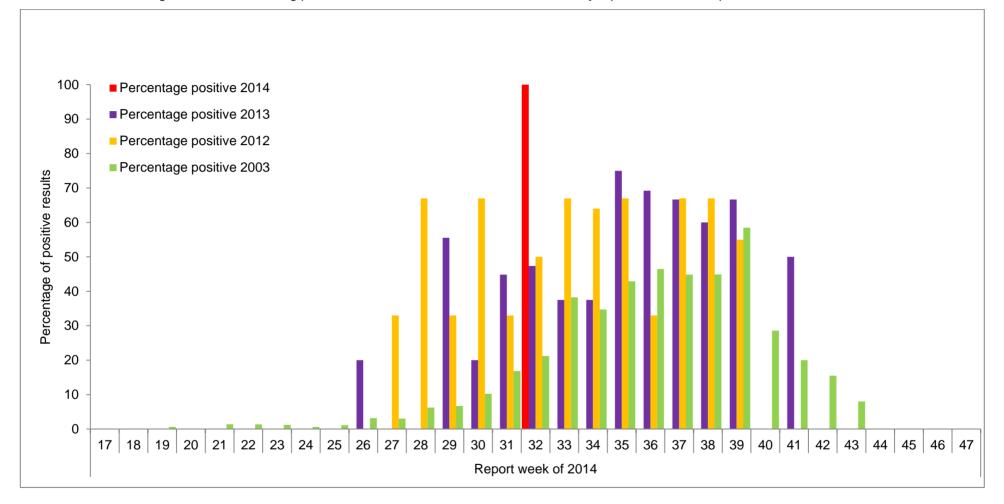


FIGURE 4: Percentage of dead birds testing positive for West Nile Virus in the 2014 season by report week, as compared to the 2003, 2012 and 2013 seasons

|                     |      |    |    |    |    |    |    |    |    |    |    |    |    |    | R  | Report | week | of 201 | 4  |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |      | 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 | 47 |
| Numbers positive    | 2014 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      | 2    |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Numbers tested      | 2014 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 34 | 3      | 2    |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Percentage positive | 2014 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      | 100  |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Numbers positive    | 2013 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 5  | 2  | 13     | 9    | 6      | 6  | 18 | 9  | 6  | 6  | 2  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  |
| Numbers tested      | 2013 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 2  | 2  | 5  | 8  | 5  | 9  | 10 | 29     | 19   | 16     | 16 | 24 | 13 | 9  | 10 | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  |
| Percentage positive | 2013 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 20 | 0  | 0  | 56 | 20 | 45     | 47   | 38     | 38 | 75 | 69 | 67 | 60 | 67 | 0  | 50 | 0  | 0  | 0  | 0  | 0  | 0  |
| Percentage positive | 2012 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 33 | 67 | 33 | 67 | 33     | 50   | 67     | 64 | 67 | 33 | 67 | 67 | 55 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Percentage positive | 2003 | 0  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 3  | 3  | 6  | 7  | 10 | 17     | 21   | 38     | 35 | 43 | 46 | 45 | 45 | 58 | 29 | 20 | 15 | 8  | 0  | 0  | 0  | 0  |

#### TABLE 6: Percentage of dead birds testing positive for West Nile Virus in the 2014 season by report week, as compared to the 2003, 2012 and 2013 seasons