

## **INTER-AGENCY WILD BIRD AVIAN INFLUENZA SURVEY UPDATE**

**A report of samples collected and tested as of October 31, 2014**

PLEASE NOTE: The data displayed in the following report are the most recent AIV sample collection information and results, and may not yet be reflected in the CWHC website AIV reports. All survey numbers are displayed for the current calendar year.

### **DEAD BIRD SURVEY 2014:**

Number of dead birds tested and matrix PCR positives since January 1, 2014

| <b>Region</b>         | <b>Epi Week 41/42</b> |                         | <b>Year to Date</b> |                         |
|-----------------------|-----------------------|-------------------------|---------------------|-------------------------|
|                       | <b>Tested</b>         | <b>Matrix Positive*</b> | <b>Tested</b>       | <b>Matrix Positive*</b> |
| British Columbia      | 8                     | 0                       | 123                 | 0                       |
| Alberta               | 0                     | 0                       | 296                 | 1                       |
| Saskatchewan          | 0                     | 0                       | 23                  | 1                       |
| Manitoba              | 0                     | 0                       | 0                   | 0                       |
| Ontario               | 30                    | 0                       | 145                 | 2                       |
| Quebec                | 49                    | 0                       | 586                 | 2                       |
| New Brunswick         | 0                     | 0                       | 39                  | 0                       |
| Nova Scotia           | 3                     | 0                       | 14                  | 0                       |
| Prince Edward Island  | 4                     | 0                       | 75                  | 0                       |
| Newfoundland          | 0                     | 0                       | 0                   | 0                       |
| Yukon Territory       | 0                     | 0                       | 0                   | 0                       |
| Northwest Territories | 0                     | 0                       | 0                   | 0                       |
| Nunavut               | 0                     | 0                       | 0                   | 0                       |
| <b>Total</b>          | <b>94</b>             | <b>0</b>                | <b>1301</b>         | <b>6</b>                |

\*Matrix positive means that the bird tested positive by PCR for one or more Influenza A viruses (Ct value less than or equal to 35). Any samples found to be matrix positive are then tested by PCR for H5 and H7 strains at the regional level. Any matrix positive birds that are then found to be either H5 or H7 positive are immediately sent to the NCFAD for confirmation and identification. Authorities from the province or region where the bird was sampled will be notified when preliminary H5 or H7 positive results are found at the regional lab. When the CFIA confirms and identifies the virus, authorities from across the country will be notified. This update reports all matrix positives, but does not report whether or not these matrix positives were found to be H5 or H7 positive.

**DEAD BIRD SURVEY 2013:**

Number of dead birds tested and matrix PCR positives between Jan. 01 &amp; Dec. 31, 2013

| <b>Region</b>         | <b>Year to Date</b> |                         |
|-----------------------|---------------------|-------------------------|
|                       | <b>Tested</b>       | <b>Matrix Positive*</b> |
| British Columbia      | 243                 | 2                       |
| Alberta               | 153                 | 0                       |
| Saskatchewan          | 82                  | 0                       |
| Manitoba              | 0                   | 0                       |
| Ontario               | 185                 | 0                       |
| Quebec                | 561                 | 2                       |
| New Brunswick         | 48                  | 2                       |
| Nova Scotia           | 53                  | 0                       |
| Prince Edward Island  | 67                  | 0                       |
| Newfoundland          | 0                   | 0                       |
| Yukon Territory       | 0                   | 0                       |
| Northwest Territories | 0                   | 0                       |
| Nunavut               | 0                   | 0                       |
| <b>Total</b>          | <b>1392</b>         | <b>6</b>                |

**LIVE BIRD SURVEY 2013:**

Number of live birds tested and matrix PCR positives between Jan. 01 &amp; Dec. 31, 2013

| <b>Category</b>  | <b>Specifics</b> | <b>Number Collected</b> | <b>Number Tested</b> | <b>Matrix Positive*</b> |
|------------------|------------------|-------------------------|----------------------|-------------------------|
| Blue-winged Teal | Alberta          | 219                     | 219                  | 8                       |
|                  | Saskatchewan     | 444                     | 444                  | 29                      |
| Northern Pintail | Alberta          | 216                     | 216                  | 5                       |
|                  | Saskatchewan     | 69                      | 69                   | 0                       |
| Mallard          | Alberta          | 86                      | 86                   | 4                       |
|                  | Saskatchewan     | 10                      | 10                   | 0                       |
| Redhead          | Alberta          | 171                     | 171                  | 1                       |
| Other Ducks      | Alberta          | 4                       | 4                    | 0                       |
|                  | Saskatchewan     | 4                       | 4                    | 0                       |
| <b>Total</b>     |                  | <b>1223</b>             | <b>1223</b>          | <b>47</b>               |

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For maps and historical data, please visit our website.

[http://www.cwhc-rclf.ca/aiv\\_bird\\_surveys\\_2014.php](http://www.cwhc-rclf.ca/aiv_bird_surveys_2014.php)