

## CORRECTION

### Influenza A (H1N2v) in the USA

◆ The recent influenza A virus reported in **Michigan** in **Tuscola County** last week has been reported as **H1N2** not H1N1

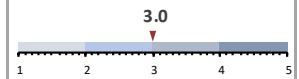
[Read More](#)

## SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

### Highly Pathogenic Avian Influenza

◆ **Finland** has added three more fur farms to its list of HPAI affected premises, for a total of 24; all recent farms have held blue foxes

[Read More](#)



## NEW EVENTS: (events rated > 2)

No new events to report this week

## CONTINUED EVENTS: (events rated ≥ 2.4)

### Highly Pathogenic Avian Influenza in Europe

**No. of Signals: 21**   **No. of weeks in report: 138**   **Avg. Rating: 2.0 – 3.0**

- [Finland](#) has added three more fur farms to its list of HPAI affected premises, for a total of 24; all recent farms have held blue foxes
- [Russia](#) has reported HPAI at a large poultry farm in Bashkortostan
- [Scotland](#) has reported an outbreak of HPAI H5N1 in domestic poultry
- [Scotland](#), [Norway](#), [Wales](#), [Jersey](#), [Estonia](#), [Isle of Man](#), [Austria](#), [Latvia](#), [Germany](#), and [Italy](#) have reported HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

### Lumpy Skin Disease in Indonesia (exporter Australia)

**No. of Signals: 01**   **No. of weeks in report: 02**   **Avg. Rating: 2.5**

- An additional three Australian cattle have tested positive for lumpy skin disease in [Indonesia](#), for a total of 16 positive cattle; the Australian investigation into the initial four export facilities continues

### Highly Pathogenic Avian Influenza in Asia

**No. of Signals: 05**   **No. of weeks in report: 110**   **Avg. Rating: 2.0 – 2.5**

- [South Korea](#) has found no further infections of HPAI traced to contaminated cat food products
- [China](#) has reported HPAI H5N1 in wild birds

### West Nile Virus in Canada

**No. of Signals: 03**   **No. of weeks in report: 08**   **Avg. Rating: 2.0 – 2.5**

- In Ontario, the first probable human case of West Nile Virus of 2023 has been reported in [Toronto](#)
- In Ontario, mosquito samples collected from a trap in north west [Chatham-Kent](#) on August 1 have come back positive for West Nile Virus

### Vesicular Stomatitis in the USA

**No. of Signals: 01**   **No. of weeks in report: 08**   **Avg. Rating: 2.4**

- According to the latest [situation report](#), since August 3, there have been eight new VSV-affected equine premises identified (3 confirmed positive, 5 suspect) in California and Texas, including a new affected county, Shackelford County, Texas

### Highly Pathogenic Avian Influenza in North America

**No. of Signals: 04**   **No. of weeks in report: 78**   **Avg. Rating: 2.0**

- The USA has reported a few detections of HPAI H5N1 in [wild birds](#) since late July and one detection in a [mountain lion](#)
- In [Washington](#), a mortality event among Caspian Terns at Rat Island has raised concerns about a possible outbreak of HPAI

### Highly Pathogenic Avian Influenza in South America

**No. of Signals: 06**   **No. of weeks in report: 38**   **Avg. Rating: 2.0**

- [Argentina](#) has confirmed its first positive case of HPAI H5N1 in wild mammals after seven out of 21 seal lions found dead in Río Grande tested positive for the virus
- [Chile](#) has reported outbreaks of HPAI H5N1 in domestic poultry
- [Colombia](#) has closed Gorgona Park temporarily in order to prevent HPAI spread
- [Brazil](#) has reported HPAI H5N1 in Magellanic penguins

## SCIENTIFIC FINDINGS & REPORTS:

### Influenza

- ◆ Interspecies Transmission of Swine Influenza A Viruses and Human Seasonal Vaccine-Mediated Protection Investigated in Ferret Model [Read More](#)
- ◆ Isolation and identification of Eurasian avian-like H1N1 swine influenza virus and evaluation of their pathogenicity and immune protective effects in pigs [Read More](#)
- ◆ Age is a determinant factor in the susceptibility of domestic ducks to H5 clade 2.3.2.1c and 2.3.4.4e high pathogenicity avian influenza viruses [Read More](#)
- ◆ The emergence of new antigen branches of H9N2 avian influenza virus in China due to antigenic drift on hemagglutinin through antibody escape at immunodominant sites [Read More](#)
- ◆ Prevalence and characterization of seven-segmented influenza viruses in bovine respiratory disease complex [Read More](#)

### Vectors and Vector-borne Diseases

- ◆ An established population of Asian longhorned ticks (Acari: Ixodidae) in Ohio, USA [Read More](#)
- ◆ Draft genome sequence data of *Haemaphysalis longicornis* Oita strain [Read More](#)

### Other

- ◆ Soft Tissue Infection of Immunocompetent Man with Cat-Derived *Globicatella* Species [Read More](#)
- ◆ A case of bacteremia and pneumonia caused by *Streptococcus equi* subspecies *equi* infection in a 70-year-old female following horse exposure in rural Wyoming [Read More](#)
- ◆ Human cases of lymphocytic choriomeningitis virus (LCMV) infections in Hungary [Read More](#)

#### Disclaimer

This intelligence report is intended to provide information to risk managers about emerging and zoonotic disease events that could pose a threat to Canada. It is based on information signals acquired and selected from twenty-one distinct disease surveillance sources via the Knowledge Integration using Web-based Intelligence (KIWI) tool hosted on the Canadian Network for Public Health Intelligence (CNPHI) informatics platform. The report is based on the activities of the CEZD Community of Practice and subject to change based on evolving user needs.