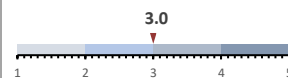


## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

### Foot and Mouth Disease

- ◆ **Hungary** has confirmed a fifth outbreak of FMD at a cattle farm (with ~600 dairy cows) in the town of **Rábapordány**, the same county as the previous four outbreaks, **Győr-Moson-Sopron**

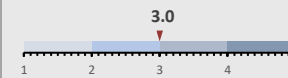
[Read More](#)



### Influenza A (H5N1)

- ◆ The WHO has released additional information on the fatal human case of influenza A(H5N1) in **Mexico**, characterizing it as clade 2.3.4.4b genotype D1.1, with all close contacts testing negative

[Read More](#)



- ◆ **Vietnam** has reported a severe human case of influenza A(H5N1) in an 8-year-old girl from **Tay Ninh province**, who had previous contact with poultry; PCR tests were positive for influenza A/H5 in cerebrospinal fluid but negative from nasopharyngeal swab samples

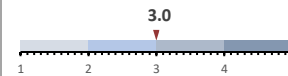
[Read More](#)



### Highly Pathogenic Avian Influenza

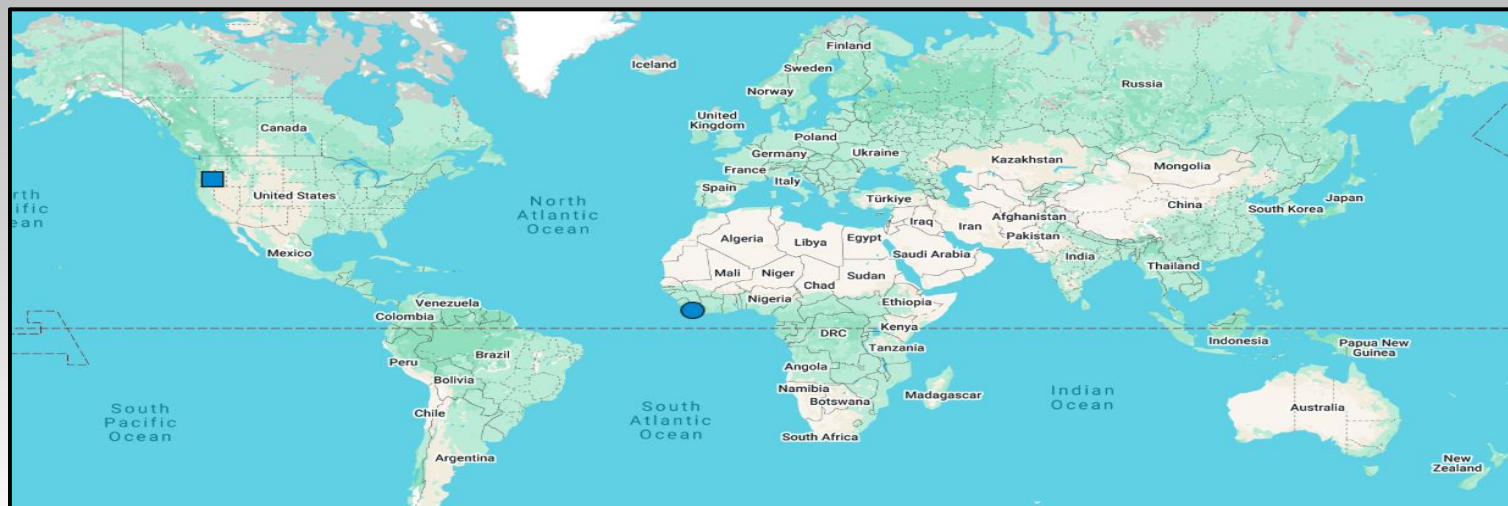
- ◆ As of April 22, 2025, the USDA has reported influenza A(H5N1) in 1025 dairy herds across 17 states: **Wyoming(1), North Carolina(1), Ohio(1), Arizona(2), Oklahoma(2), Kansas(4), South Dakota(7), Minnesota(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(27), Michigan(31), Colorado(64), Idaho(65) and California(765)**

[Read More](#)



- The recent outbreaks were reported from **Idaho(3)** and **California(2)**

## NEW EVENTS: (events rated $> 2$ )



### Creutzfeldt Jacobs Disease in the USA

**Pathogen:** prion; **Transmission:** dependent on type of CJD; **Species affected in event:** human

① Over the past eight months, three cases of CJD have been reported by public health officials in Hood River County, Oregon. One case has been confirmed via autopsy and two others identified as presumptive. Two of the cases have died, and there is currently no identifiable link between any of the three cases. Details regarding the type of CJD (sporadic, familial, iatrogenic, and variant) have not been released.

[Read More](#)

Avg. Rating	2.7
No. of Signal	1
No. of Ratings	3

### Highly Pathogenic Avian Influenza H5N1 in Liberia

**Pathogen:** virus; **Transmission:** direct contact, aerosol, fomite; **Species affected in event:** avian

① Liberia has reported its first outbreak of HPAI H5N1. The outbreak was detected in February 2025 on a poultry farm in Bong County. The virus killed 18 birds out of a flock of 26,000. The WAHIS report also indicates that 25,800 birds within the flock were vaccinated.

[Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	3

## CONTINUED EVENTS: (events rated $\geq 2.4$ )

### Influenza A(H5N1) in Vietnam

**No. of Signals: 01**

**No. of weeks in report: 05**

**Avg. Rating: 3.0**

- [Vietnam](#) has reported a severe human case of influenza A(H5N1) in an 8-year-old girl from Tay Ninh province, who had previous contact with poultry; PCR tests were positive for influenza A/H5 in cerebrospinal fluid but negative from nasopharyngeal swab samples

### Influenza A(H5N1) in Mexico

**No. of Signals: 03**

**No. of weeks in report: 03**

**Avg. Rating: 2.5 - 3.0**

- The WHO has released additional information on the fatal human case of influenza A(H5N1) in [Mexico](#), characterizing it as clade 2.3.4.4b genotype D1.1, with all close contacts testing negative

### Foot and Mouth Disease in Europe

**No. of Signals: 10**

**No. of weeks in report: 07**

**Avg. Rating: 1.7 - 3.0**

- [Hungary](#) has confirmed a fifth outbreak of FMD at a cattle farm (with ~600 dairy cows) in the town of Rábapordány, the same county as the previous four outbreaks, Győr-Ménfőcsanak-Sopron
- The [UK](#) has extended its ban on personal meat imports; travellers will no longer be able to bring cattle, sheep, goat, and pig meat, as well as dairy products, from EU countries into Great Britain for personal use
- [Germany](#) has been certified as free of FMD by WOAHP

### Highly Pathogenic Avian Influenza in North America

**No. of Signals: 06**

**No. of weeks in report: 164**

**Avg. Rating: 1.5 - 3.0**

- [Canada](#) has not reported any outbreaks of HPAI in poultry over the past week
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Ohio(1); and in live bird markets in: New York(2)
- As of April 22, 2025, the [USDA](#) has reported influenza A (H5N1) in 1025 dairy herds across 17 states; Wyoming(1), North Carolina(1), Ohio(1), Arizona(2), Oklahoma(2), Kansas(4), South Dakota(7), [Minnesota](#)(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(27), [Michigan](#)(31), [Colorado](#)(64), Idaho(65), and California(763); the recent outbreaks were reported from Idaho(3) and California(2)
- In [Texas](#), HPAI has recently been detected in foxes, raccoons, striped skunks, and domestic cats collected in Deaf Smith, Hansford, Lubbock, Ochiltree, Parmer and Randall Counties
- [Mexico](#) has confirmed the detection of avian influenza H7N3 in a commercial poultry farm located in the municipality of Marín, Nuevo León
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

### New World Screwworm in Central/North America

**No. of Signals: 01**

**No. of weeks in report: 27**

**Avg. Rating: 2.7**

- [Mexico](#) has confirmed its first human case of NWS, in a 77-year-old woman from Acacoyagua, Chiapas

### Influenza A(H9N2) in China

**No. of Signals: 01**

**No. of weeks in report: 67**

**Avg. Rating: 2.3**

- [China](#) has reported three additional human cases of influenza A(H9N2), all from different provinces, with ages ranging from 5-35 years old, with symptom onset from February and March 2025

### Highly Pathogenic Avian Influenza in Asia

**No. of Signals: 05**

**No. of weeks in report: 184**

**Avg. Rating: 1.8 - 2.3**

- [Türkiye](#) has reported HPAI H5N1 in domestic poultry in Hasanarpa
- India has reported HPAI in [wild crows](#) and two [captive jungle cats](#)

### Highly Pathogenic Avian Influenza in Europe

**No. of Signals: 15**

**No. of weeks in report: 220**

**Avg. Rating: 1.3 - 2.0**

- [Denmark](#), [Hungary](#), and [England](#) have reported outbreaks of HPAI in domestic poultry
- [Wales](#), [Scotland](#), [England](#), [Germany](#), [Belgium](#), [Estonia](#), and the [Netherlands](#) have reported cases of HPAI in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### African Swine Fever

- ◆ A scenario model to support freedom from African swine fever virus in Western Canada populated with data from Canada West Swine Health Intelligence Network and CanSpotASF [Read More](#)

### Coronavirus

- ◆ Study of coronavirus diversity in wildlife in Northern Cambodia suggests continuous circulation of SARS-CoV-2-related viruses in bats [Read More](#)

### Influenza

- ◆ Updated joint FAO/WHO/WOAH public health assessment of recent influenza A(H5) virus events in animals and people [Read More](#)
- ◆ Safety and Immunogenicity of Poultry Vaccine for Protecting Critically Endangered Avian Species against Highly Pathogenic Avian Influenza Virus, United States [Read More](#)
- ◆ The role of wild birds in the global highly pathogenic avian influenza H5 panzootic [Read More](#)
- ◆ Exploration of weather and tracking data for the wild bird abundance and movement models of the early warning system for avian influenza in the EU [Read More](#)
- ◆ Highly Pathogenic Avian Influenza in Northern Fulmars (*Fulmarus glacialis*) in the Netherlands [Read More](#)
- ◆ Highly Pathogenic Avian Influenza A(H5N1) Outbreak in Endangered Cranes, Izumi Plain, Japan, 2022–23 [Read More](#)
- ◆ Prevention and control of avian influenza virus: Recent advances in diagnostic technologies and surveillance strategies [Read More](#)
- ◆ WHO - Surveillance for human infections with avian influenza A(H5) viruses: objectives, case definitions, testing and reporting [Read More](#)
- ◆ Estimating the risk of zoonotic transmission of swine influenza A variant during agricultural fairs in the United States: a mathematical modeling [Read More](#)

### Vectors and Vector Borne Diseases

- ◆ *Haemaphysalis longicornis* ticks are unable to transstadially transmit *Theileria haneyi* to horses [Read More](#)
- ◆ The spatiotemporal ecology of Oropouche virus across Latin America: a multidisciplinary, laboratory-based, modelling study [Read More](#)

### Other

- ◆ Administration of L-type Bovine Spongiform Encephalopathy to Macaques to Evaluate Zoonotic Potential [Read More](#)
- ◆ Sero-epidemiological survey on novel chamois respirovirus in alpine chamois (*Rupicapra rupicapra rupicapra*) and domestic small ruminants [Read More](#)
- ◆ New York State - Global Health Update Report - 04/17/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 23/04/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 12 - 18 April 2025, week 16 [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.