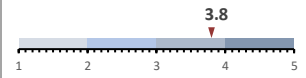


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

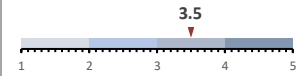
Foot and Mouth Disease

- ◆ **Slovakia** has reported two additional outbreaks of FMD, bringing the total number of outbreaks to five; the latest case occurred in a large cattle farm in the western village of **Plavecký Štvrtok**, ~30 km north-west of Bratislava, close to the borders of Austria and the Czech Republic
- ◆ **Hungary** has reported a second outbreak of FMD, this time in a dairy cattle herd (~3000 bovines) in the **Levél** settlement of **Győr-Moson-Sopron county**, near the Austrian border; vaccination began immediately, and culling is underway
- ◆ The **UK** has amended its import ban on **Germany**, due to the recent FMD outbreak, and has recognised regionalisation at the containment zone level (6km radius around the outbreak); with the export of affected commodities able to resume from areas outside this zone

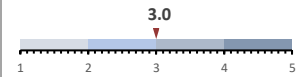
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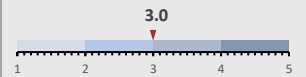
[Read More](#)



Highly Pathogenic Avian Influenza

- ◆ Over the last week, Canada has reported outbreaks of HPAI in commercial poultry in: **Ontario(1)**
- ◆ As of March 31, 2025, the USDA has reported influenza A(H5N1) in 996 dairy herds across 17 states: **Arizona(1), Wyoming(1), North Carolina(1), Ohio(1), Oklahoma(2), Kansas(4), South Dakota(7), Minnesota(9), New Mexico(9), Nevada(10), Iowa(13), Utah(13), Texas(27), Michigan(31), Idaho(45), Colorado(64), and California(758)**
 - The recent outbreaks were reported from **California(3)** and **Idaho(4)**
 - Note that **Stearns County in Minnesota** has still not been added to the USDA list
- ◆ The USDA has added 24 new entries to its HPAI in mammals list, including: 11 domestic cats, 6 striped skunks, 3 black bears, 1 house mouse, 1 red fox, 1 bobcat, and 1 bottlenose dolphin

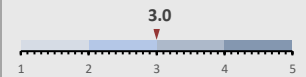
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NEW EVENTS: (events rated > 2)



Highly Pathogenic Avian Influenza H5 in Bangladesh

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

① Bangladesh has reported its first outbreak of HPAI on a farm since 2018. The virus killed 1,900 birds out of flock of 3,978, in the district of Jessore, while all the remaining birds were culled.

[Read More](#)

Avg. Rating	2.2
No. of Signal	1
No. of Ratings	6

CONTINUED EVENTS: (events rated ≥ 2.4)

Foot and Mouth Disease in Europe

No. of Signals: 11

No. of weeks in report: 04

Avg. Rating: 2.0 - 3.8

- [Slovakia](#) has reported two additional outbreaks of FMD, bringing the total number of outbreaks to five; the latest case occurred in a large cattle farm in the western village of Plavecký Štvrtok, ~30 km north-west of Bratislava, close to the borders of Austria and the Czech Republic
- [Hungary](#) has reported a second outbreak of FMD, this time in a dairy cattle herd (~3000 bovines) in the Levél settlement of Győr-Moson-Sopron County, near the Austrian border; vaccination began immediately, and culling is underway
- [UK](#) has amended its import ban on Germany, due to the recent FMD outbreak, and has recognised regionalisation at the containment zone level (6km radius around the outbreak); with the export of affected commodities able to resume from areas outside this zone

Highly Pathogenic Avian Influenza in North America

No. of Signals: 08

No. of weeks in report: 161

Avg. Rating: 2.0 - 3.0

- Over the last week, [Canada](#) has reported outbreaks of HPAI in commercial poultry in: Ontario(1)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Indiana(1); in WOAHP poultry in: Pennsylvania(1); in WOAHP non-poultry in: Maryland(1) and Florida(1); and in live-bird markets in: New York(2)
- As of March 31, 2025, the [USDA](#) has reported influenza A (H5N1) in 996 dairy herds across 17 states; Arizona(1), Wyoming(1), North Carolina(1), Ohio(1), Oklahoma(2), Kansas(4), South Dakota(7), [Minnesota](#)(9), New Mexico(9), Nevada(10), Iowa(13), Utah(13), Texas(27), [Michigan](#)(31), Idaho(45), [Colorado](#)(64), and California(758); the recent outbreaks were reported from California(3) and Idaho(4)
- The USDA has added 24 new entries to its [HPAI in mammals list](#), including: 11 domestic cats, 6 striped skunks, 3 black bears, 1 house mouse, 1 red fox, 1 bobcat, and 1 bottlenose dolphin
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 28

No. of weeks in report: 217

Avg. Rating: 2.0 - 2.8

- [England](#) has reported HPAI H5N5 in an additional 13 grey seals in North Norfolk, with sequences from positive samples displaying the mammalian adaptive mutation (E627K) in one gene (PB2)
- [Hungary](#), [England](#), [Scotland](#) and [Poland](#) have reported outbreaks of HPAI H5N1 in domestic poultry
- [Germany](#), [Denmark](#), the [Netherlands](#), [England](#), [Scotland](#), [Wales](#), [Russia](#), [France](#), [Poland](#), and [Sweden](#) have reported cases of HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Rabies in Quebec

No. of Signals: 01

No. of weeks in report: 03

Avg. Rating: 2.5

- In [Quebec](#), seven raccoons infected with rabies have been found in the Eastern Townships since the beginning of the 2025

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 03

No. of weeks in report: 181

Avg. Rating: 2.0 - 2.3

- [South Korea](#) and [India](#) have reported outbreaks of HPAI H5N1 in domestic birds

Highly Pathogenic Avian Influenza in South America

No. of Signals: 02

No. of weeks in report: 85

Avg. Rating: 2.0 - 2.2

- [Brazil](#) has temporarily suspended breeding and outdoor events with birds in order to mitigate the risk of entry and dissemination of avian influenza

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 02

No. of weeks in report: 80

Avg. Rating: 2.0

- [Togo](#) and [Nigeria](#) have reported outbreaks of HPAI H5N1 in domestic birds

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Influenza

- ◆ Detection of antibodies against influenza A viruses in cattle [Read More](#)
- ◆ Establishing Methods to Monitor Influenza (A)H5N1 Virus in Dairy Cattle Milk, Massachusetts, USA [Read More](#)
- ◆ Transmission of bovine H5N1 virus in a hamster model [Read More](#)
- ◆ Infectiousness of raw (unpasteurised) milk from influenza H5N1-infected cows beyond the USA [Read More](#)
- ◆ Cats as sentinels of mammal exposure to H5Nx avian influenza viruses: a seroprevalence study, France, December 2023 to January 2025 [Read More](#)
- ◆ Early-warning signals and the role of H9N2 in the spillover of avian influenza viruses [Read More](#)
- ◆ Evaluation of global distribution, genetic evolution, and mammalian infectivity and pathogenicity of H13 and H16 avian influenza viruses [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Mathematical modeling and dynamic analysis of dengue fever: examining economic and psychological impacts and forecasting disease trends through 2030—a case study of Nepal [Read More](#)
- ◆ Natural fatal infection of Tembusu virus in bottlenose dolphins in Thailand [Read More](#)

Other

- ◆ Estimation the reinvasion of New World Screwworm (*Cochliomyia hominivorax*) in Central America: The role of animal movement in disease dispersal and control measures [Read More](#)
- ◆ Recent and Forecasted Increases in Coccidioidomycosis Incidence Linked to Hydroclimatic Swings, California, USA [Read More](#)
- ◆ Nipah Virus Detection in *Pteropus hypomelanus* Bats, Central Java, Indonesia [Read More](#)
- ◆ Integrative genomics sheds light on the immunogenetics of tuberculosis in cattle [Read More](#)
- ◆ New York State - Global Health Update Report - 03/27/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 01/04/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 22 - 28 March 2025, week 13 [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.