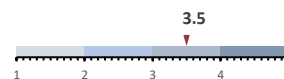


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Influenza A(H5N5)

- A resident of **Grays Harbor, Washington**, who was hospitalized with influenza symptoms in early November has been confirmed positive for influenza A (H5N5); this is the first human case of the H5N5 strain

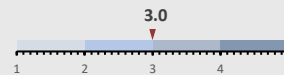
[Read More](#)



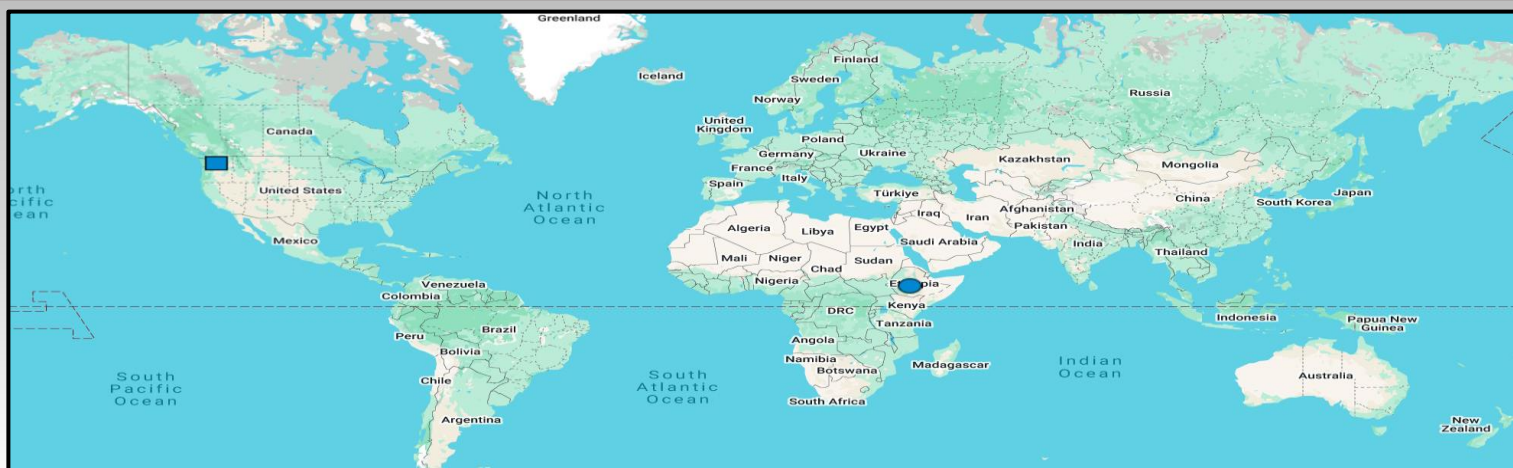
Highly Pathogenic Avian Influenza

- Over the last week, **Canada** has reported outbreaks of HPAI in commercial poultry in: **British Columbia(3), Alberta(1), Ontario(1), and Saskatchewan(1)**; in non-commercial poultry in: **Saskatchewan(1)**; and in non-commercial non-poultry in: **British Columbia(2)**

[Read More](#)



NEW EVENTS: (events rated > 2)



Influenza A H5N5 in a Washington resident

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

① In Washington, a Grays Harbor resident who was hospitalized with influenza symptoms in early November has been confirmed positive for influenza A(H5N5); a strain that has previously been reported in animals but never before in humans. The person is an older adult with underlying health conditions and remains hospitalized. The affected person has a mixed backyard flock of domestic poultry at home that had exposure to wild birds. The public health investigation is ongoing.

[Read More](#)

Avg. Rating	3.0 - 3.5
No. of Signal	2
No. of Ratings	4 - 6

Marburg virus in Ethiopia

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

① Ethiopia has confirmed its first ever outbreak of Marburg virus disease in the southern Ethiopian region of Jinka city. The confirmation follows laboratory analysis of samples taken from a cluster of suspected viral haemorrhagic fever cases. Genetic analysis indicates that the virus is the same strain as reported in previous outbreaks in East Africa. So far, a total of 17 people have been tested and 3 have died.

[Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	6

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America

No. of Signals: 09

No. of weeks in report: 192

Avg. Rating: 1.9 - 3.0

- Over the last week, [Canada](#) has reported outbreaks of HPAI in commercial poultry in: British Columbia(3), Alberta(1), Ontario(1), and Saskatchewan(1); in non-commercial poultry in: Saskatchewan(1); and in non-commercial non-poultry in: British Columbia(2)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Indiana(11) and Michigan(3); in WOAHP poultry in: Indiana(8); and in WOAHP non-poultry in: Michigan(2), Oklahoma(2), Texas(1), Minnesota(1), New Hampshire(1), Washington(1), and Oregon(1)
- As of November 17, 2025, the [USDA](#) has reported influenza A (H5N1) in 1082 dairy herds across 18 states; Nebraska(1), Wyoming(1), North Carolina(1), Ohio(1), Oklahoma(2), Kansas(4), Arizona(5), South Dakota(7), [Minnesota](#)(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(30), [Michigan](#)(31), [Colorado](#)(64), Idaho(108), and California(772); no new outbreaks were reported in the last week
- [Hawaii](#) has confirmed its 2nd case of HPAI H5N1 for the year, in a northern pintail found in Maui
- [Virginia](#) has confirmed HPAI in dead vultures in Colonial Heights
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Influenza A(H5N1) in Cambodia

No. of Signals: 01

No. of weeks in report: 29

Avg. Rating: 2.7

- [Cambodia](#) has reported another human case (the 18th of 2025) of avian influenza A(H5N1), in a 22-year-old man from Phnom Penh who passed away on November 15, 2025; the source of exposure has not yet been determined

Influenza A(H3N2) in Canada

No. of Signals: 01

No. of weeks in report: 06

Avg. Rating: 2.6

- [Canada](#) has reported increasing human cases of influenza A(H3N2) which contain certain [antigenic characteristics](#) that are different from the version included in this year's influenza vaccine, raising concerns about the effectiveness of the current seasonal influenza vaccine

Influenza A(H9N2) in China

No. of Signals: 01

No. of weeks in report: 75

Avg. Rating: 2.4

- [China](#) has reported four additional human cases of influenza A(H9N2), ranging in age from 7 months to 12 years, all with exposure to either backyard poultry or live poultry markets, and diagnosed in October 2025

Bovine Tuberculosis in the United States

No. of Signals: 01

No. of weeks in report: 10

Avg. Rating: 2.4

- [Michigan](#) has reported a case of bTB in a beef herd from Presque Isle County, located north of Michigan's Modified Accredited Zone and detected via routine annual herd surveillance; this is the 84th infected herd detected in Michigan since 1998

New World Screwworm in Central America & Mexico

No. of Signals: 02

No. of weeks in report: 44

Avg. Rating: 2.0 - 2.4

- The USDA has announced the opening of a sterile fly dispersal facility in Tampico, [Mexico](#); the facility will increase the range and amount of sterile flies being released and allow for a greater ability to push the pest south
- [Mexico](#) has reported 84 human cases of NWS infestation (Chiapas = 75, Campeche = 3, Yucatan = 5, Tabasco = 1)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 23

No. of weeks in report: 249

Avg. Rating: 1.5 - 2.2

- [England](#), [Ireland](#), [Scotland](#), [Poland](#), [Germany](#), [Bulgaria](#), [Portugal](#), [Latvia](#), the [Czech Republic](#), and the [Netherlands](#) have reported outbreaks of HPAI in domestic poultry
- [Lithuania](#), [Luxembourg](#), [Germany](#), [Sweden](#), and [Austria](#) have reported HPAI H5N1 in wild birds
- In [France](#), HPAI has caused the death of ~10,000 cranes in Grand Est, with >5,000 carcasses collected near Lac du Der
- [Spain](#), [England](#), [Wales](#), and [Ireland](#) have recently issued nationwide indoor housing orders for poultry and captive birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 05

No. of weeks in report: 213

Avg. Rating: 2.0

- [South Korea](#) has reported another outbreak of HPAI in domestic poultry
- [Mongolia](#) has reported HPAI H5N1 in a whooper swan in Ugiinuur lake

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Influenza

- ◆ Serological Evidence of Highly Pathogenic Avian Influenza (H5N1) in Invasive Wild Pigs in Western Canada [Read More](#)
- ◆ Pre-print: Spillover of H5 influenza viruses to vampire bats at the marine-terrestrial interface [Read More](#)
- ◆ Overview of high pathogenicity avian influenza H5N1 clade 2.3.4.4b in wildlife from Central and South America, October 2022 - September 2025 [Read More](#)
- ◆ Highly Pathogenic Avian Influenza Viruses (HPAIV) Associated with Major Southern Elephant Seal Decline at South Georgia [Read More](#)
- ◆ Ecology and spread of the North American H5N1 epizootic [Read More](#)
- ◆ Pre-print: Biosecurity uptake and perceived risk of avian influenza among people in contact with birds [Read More](#)
- ◆ Pre-print: Early influenza virus characterisation and vaccine effectiveness in England in autumn 2025, a period dominated by influenza A(H3N2) subclade K [Read More](#)
- ◆ Fatal infection of a novel canine/human reassortant H3N2 influenza A virus in the zoo-housed golden monkeys [Read More](#)
- ◆ Disruption of influenza A virus transmission in gene-edited pigs [Read More](#)
- ◆ A Systematic Review of New, Enhanced Surveillance Systems and Methodologies for Zoonotic Influenza Viruses in Animals and Human-Animal Interface [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Implications of a fatal anaphylactic reaction occurring 4 hours after eating beef in a young man with IgE antibodies to galactose- α -1,3-galactose [Read More](#)
- ◆ Factors associated with infection and hospitalization of Zika cases during the 2016–2018 outbreak in Mexico [Read More](#)
- ◆ Safety, tolerability, and immunogenicity of the ChAdOx1 RVF vaccine against Rift Valley fever among healthy adults in Uganda: a single-centre, single-blind, randomised, placebo-controlled, dose-escalation, phase 1 trial [Read More](#)

Other

- ◆ Monkeypox in South Asia: a systematic review [Read More](#)
- ◆ Lack of Avian Metapneumovirus Detection of Subtypes A and B in Eggs from Virus-Positive Commercial Turkey Breeders Supports the Premise That Vertical Transmission Does Not Contribute to Virus Spread [Read More](#)
- ◆ Epidemiology and Risk Factors of Ovine Toxoplasmosis: Evidence from a Cross-Sectional Study in Iraq [Read More](#)
- ◆ A Mammarenavirus Close to Lassa Virus in a Patient with Meningoencephalitis [Read More](#)
- ◆ New York Global Health Update Report - 11/13/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 18/11/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 8 - 14 November 2025, week 46 [Read More](#)
- ◆ European Commission Animal Disease Information System – Weekly Outbreak Summary [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.