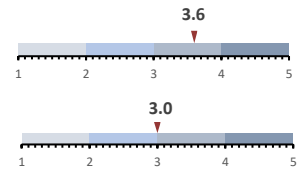


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- Over the past week, **Canada** has reported four outbreaks of HPAI in commercial poultry in **Alberta**
- The USDA has confirmed a detection of HPAI H5N1 clade 2.3.4.4b, genotype B3.13 in a dairy cattle herd in **Nebraska**; this is the first known case of HPAI in cattle in **Nebraska**

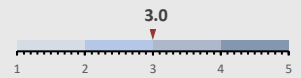
[Read More](#)



Bluetongue virus

- Hungary** has reported its first outbreak of BTV-3 since 2015; fifteen cases of BTV-3 were reported in a herd of 303 cattle in **Somogy** in the southwestern part of the country

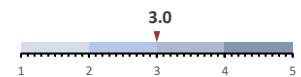
[Read More](#)



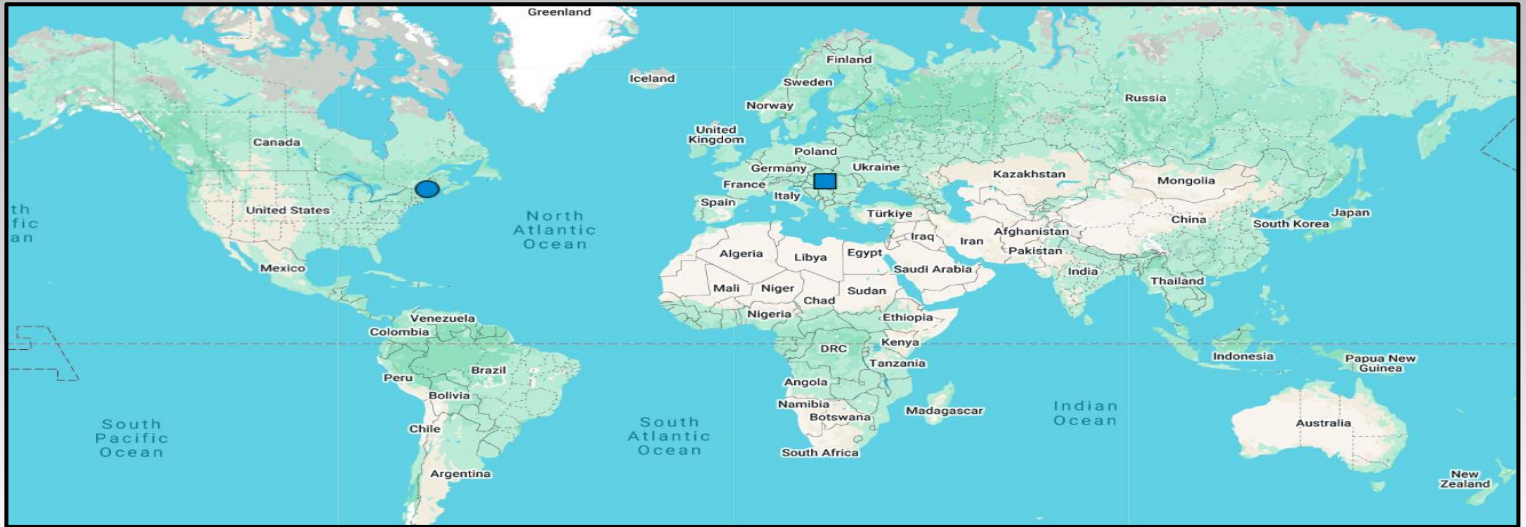
Senecavirus A

- Pathogenicity of the First Buffalo-origin Senecavirus A in Conventional Piglets and Buffaloes
 - A recent study has shown that a buffalo-origin strain of SVA, initially identified in **China** in 2018, can be pathogenic in both buffalo and piglets, causing vesicular lesions and systemic infection

[Read More](#)



NEW EVENTS: (events rated > 2)



Bluetongue virus serotype 3 in Hungary

Pathogen: virus; **Transmission:** vector; **Species affected in event:** cattle

① Hungary has reported its first outbreak of BTV-3 since 2015. Fifteen cases of BTV-3 were reported within a herd of 303 cattle in Somogy in the southwestern part of the country. Samples were collected as part of the national BTV active surveillance program.

[Read More](#)

Avg. Rating	3.0
No. of Signal	1
No. of Ratings	4

Hantavirus in Maine, USA

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

① A resident of Maine has tested positive for hantavirus pulmonary syndrome (HPS). This is the first case of HPS reported in Maine since 2011 and the second documented case in the state since CDC surveillance began in 1993. The case reported exposure to a rodent infestation on their property and no recent travel out of state.

[Read More](#)

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

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America

No. of Signals: 10

No. of weeks in report: 183

Avg. Rating: 1.8 - 3.6

- Over the past week, [Canada](#) has reported four outbreaks of HPAI in commercial poultry in Alberta
- As of September 5, 2025, CFIA laboratories have tested 1,211 retail milk samples from across [Canada](#); all samples have tested negative
- The Federal Court of Appeal has denied an application for another stay order to delay a cull of ~400 ostriches at a farm in [British Columbia](#)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: South Dakota(2) and North Dakota(1); and in WOAHP poultry in: South Dakota(1) and Montana(1)
- In [Maryland](#), a backyard flock in Anne Arundel County has tested presumptive positive for HPAI H5
- As of September 15, 2025, the [USDA](#) has reported influenza A (H5N1) in 1080 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(107), and California(771)
- The [USDA](#) has confirmed a detection of HPAI H5N1 clade 2.3.4.4b, genotype B3.13 in a dairy cattle herd in Nebraska; this is the first known case of HPAI in cattle in Nebraska
- After four months of no positive detections of HPAI H5N1 in raw milk samples from [Minnesota](#) dairy farms, the USDA has changed the status of Minnesota dairy herds to unaffected by HPAI H5N1
- The [California](#) Marine Mammal Center initiated an HPAI H5N1 vaccination trial in seals in July 2025; six northern elephant seals have received two doses of an AI vaccine licensed for use in cattle, while two control animals received saline
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Influenza A (H9N2) in China

No. of Signals: 01

No. of weeks in report: 72

Avg. Rating: 2.8

- [China](#) has reported four additional human cases of influenza A(H9N2), all cases were in boys between the ages of 1 and 6, from four different regions, with symptom onset from late July to late August 2025

Ebola in the Democratic Republic of the Congo

No. of Signals: 05

No. of weeks in report: 02

Avg. Rating: 2.2 - 2.8

- The Ebola outbreak in [Bulape](#) continues, with 81 cases and 28 deaths now reported (CFR of 34.6%); vaccination has begun and 400 initial doses have been delivered to Bulape

West Nile Virus in Canada

No. of Signals: 04

No. of weeks in report: 17

Avg. Rating: 2.0 - 2.6

- In Ontario, [Mississauga](#) and [Simcoe-Muskoka](#) have confirmed their first human cases of WNV for the season; horses have also tested positive for WNV in [Waterloo](#) and [Parry Sound](#)

Lumpy Skin Disease in Europe

No. of Signals: 03

No. of weeks in report: 11

Avg. Rating: 2.0 - 2.6

- [France](#) has reported an additional outbreak of LSD in Ain, bringing the total number of outbreaks to 78 across three regions: Savoie (32), Haute-Savoie (44), and Ain (2); as of August 28, 2025, more than 90% of cattle on farms in regulated areas have been [vaccinated](#) (>220,000 cattle vaccinated)
- [Italy](#) has reported additional outbreaks of LSD in Sardinia, bringing the total number of outbreaks to 62

Bluetongue virus in Europe

No. of Signals: 04

No. of weeks in report: 24

Avg. Rating: 2.0 - 2.5

- The [UK](#) and [Poland](#) have reported cases of BTV-3
- [Italy](#), [Croatia](#), and [Slovenia](#) have reported cases of BTV-8

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 15

No. of weeks in report: 240

Avg. Rating: 2.0

- [Germany](#), [Spain](#), and [Norway](#) have reported outbreaks of HPAI H5N1 in domestic poultry
- [Germany](#), [Spain](#), and [Norway](#) have reported HPAI in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 01

No. of weeks in report: 205

Avg. Rating: 2.0

- [South Korea](#) has reported its first case of HPAI this year, at a poultry farm in Paju, north of Seoul

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

African Swine Fever

- ◆ ASF outbreaks in Vietnam (2019-2024): insights and lessons learned [Read More](#)
- ◆ Detection of African Swine Fever Virus Genotype II in West Africa (2020) and Its Co-Circulation With Endemic Genotype I: Implications for Pig Production [Read More](#)

Coronavirus

- ◆ Spillover of SARS-CoV-2 to domestic dogs in COVID-19–positive households: A one health surveillance study [Read More](#)

Influenza

- ◆ Pre-print: Infection of ratites with clade 2.3.4.4b HPAIV H5N1: Potential implications for zoonotic risk [Read More](#)
- ◆ Update on H5N1 Panzootic: Infected Mammal Species Increase by Almost 50% in Just Over a Year [Read More](#)
- ◆ CDC - Influenza A Viruses May Infect GI Tract and Cause Digestive Symptoms [Read More](#)
- ◆ Avian influenza spillover into poultry: environmental influences and biosecurity protections [Read More](#)
- ◆ Identification and Characterization of Biosecurity Breaches on Poultry Farms with a Recent History of Highly Pathogenic Avian Influenza Virus Infection Determined by Video Camera Monitoring in the Netherlands [Read More](#)
- ◆ Converging Transmission Routes of the Highly Pathogenic Avian Influenza H5N1 Clade 2.3.4.4b Virus in Uruguay: Phylogeographic Insights into Its Spread Across South America [Read More](#)
- ◆ Tracing the possible origins of the clade 2.3.4.4b highly pathogenic avian influenza H5Nx viruses from India [Read More](#)
- ◆ Avian Influenza Surveillance Among Migratory Birds, Poultry, and Humans Around Nansi Lake, China, 2021–2024 [Read More](#)
- ◆ Low Levels of Neutralizing Antibodies to Influenza A (H5N1) and D Viruses Among Cattle and Cattle Workers on US Farms, 2024–2025 [Read More](#)
- ◆ CDC - Influenza-Associated Hospitalizations During a High Severity Season — Influenza Hospitalization Surveillance Network, United States, 2024–25 Influenza Season [Read More](#)
- ◆ Analyzing Reddit Social Media Content in the United States Related to H5N1: Sentiment and Topic Modeling Study [Read More](#)
- ◆ Continuous evolution of Eurasian avian-like H1N1 swine influenza viruses with pdm/09-derived internal genes enhances pathogenicity in mice [Read More](#)

Other

- ◆ Pathogenicity of the First Buffalo-origin Senecavirus A in Conventional Piglets and Buffaloes [Read More](#)
- ◆ New World screwworm (*Cochliomyia hominivorax*) infestation in a returned traveller from Costa Rica [Read More](#)
- ◆ First isolation and identification of *Brucella microti* in sheep and goats: new insights and implications for veterinary medicine [Read More](#)
- ◆ Bat-Associated Hemotropic Mycoplasmas in Immunosuppressed Children, Spain, 2024 [Read More](#)
- ◆ Retrospective study of bovine besnoitiosis in the Auvergne Rhône-Alpes region in France [Read More](#)
- ◆ Genomic characterization of novel bat kobuviruses in Madagascar: Implications for viral evolution and zoonotic risk [Read More](#)
- ◆ New York Global Health Update Report - 09/11/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 16/09/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 6 - 12 September 2025, week 37 [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.