

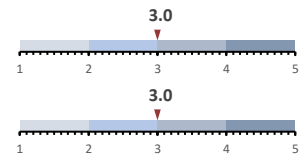
SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- Over the last week, **Canada** has confirmed outbreaks of HPAI in commercial poultry in: **Manitoba**(2) and **Alberta**(1)
- Nunavut** has reported suspected AI in four species of birds harvested near **Frobisher Bay, Iqaluit**, between September 4 - 11, 2026; these are the first cases since December 2024

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Shamonda Virus Europe

- Ireland** has reported SHAV-EU (genotype not specified) in bovine samples from two dairy farms in **County Cork**
- France** has detected SHAV-EU for the first time in a horse; the virus was identified by PCR in the blood of a horse with neurological signs in **Hérault**
- The **Netherlands** has also detected SHAV-EU for the first time in a horse; with the virus again identified by PCR in the blood of a horse presenting with neurological symptoms
- Suspected cases of SHAV-EU have been reported in cattle in **Cadiz, Spain**
- Italy** has reported SHAV-EU in cattle and water buffalo farms in the province of **Salerno** (close to Naples and ~700km from the initial cases reported in northern Italy)
- A recent Federation of Veterinarians of Europe webinar highlighted the rapid emergence and spread of SHAV across **Europe**

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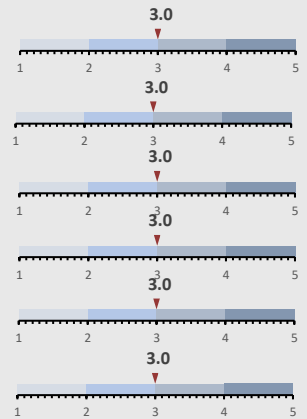
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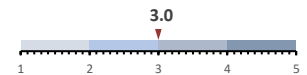
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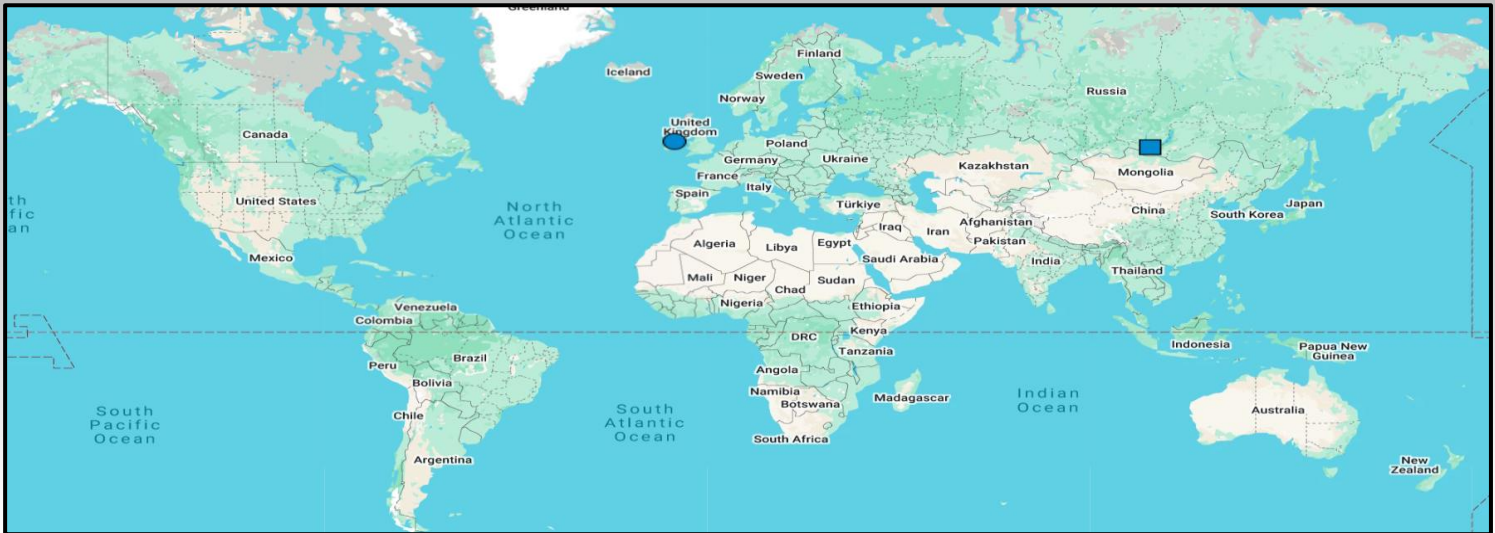
Influenza A (H5N1)

- Cambodia** has confirmed its 6th human case of avian influenza A (H5N1) in 2026, in a 49-year-old man from **Oddar Meanchey Province** who reported direct contact with sick/dead poultry

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NEW EVENTS: (events rated > 2)



● Shamonda virus Europe in Ireland

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

① Ireland has reported its first detection of SHAV-EU (genotype unspecified). SHAV-EU was identified in cattle on two dairy farms in County Cork, where affected animals experienced a marked reduction in milk production. The detections, confirmed by a private laboratory, represent the first reported occurrence of SHAV-EU in Ireland and follow recent reports from Jersey, indicating continued spread of the virus within the British Isles.

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Avg. Rating	3.0
No. of Signals	1
No. of Ratings	3

■ Suspected plague/pneumonia of unknown etiology in Irkutsk, Russia

Pathogen: unknown; **Transmission:** unknown; **Species affected in event:** human

① According to media reports, a laboratory worker from the Irkutsk Anti-Plague Research Institute in Russia died on October 1, after being hospitalized with severe pneumonia of unidentified etiology. Earlier reports suggested a possible plague infection following a laboratory incident involving live bacterial samples, prompting quarantine measures, closure of several healthcare facilities, and medical monitoring of nearly 200 contacts. However, Russian authorities subsequently reported that expanded testing found no microorganisms associated with the worker's professional activities, and no secondary cases had been identified among monitored contacts.

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Avg. Rating	2.5
No. of Signals	1
No. of Ratings	4

CONTINUED EVENTS: (events rated ≥ 2.4)

Influenza A(H5N1) in Cambodia

No. of Signals: 02

No. of weeks in report: 35

Avg. Rating: 2.8 - 3.0

- [Cambodia](#) has confirmed its 6th human case of avian influenza A (H5N1) in 2026, in a 49-year-old man from Oddar Meanchey Province who reported direct contact with sick/dead poultry

Shamonda Orthobunyavirus in Europe

No. of Signals: 07

No. of weeks in report: 10

Avg. Rating: 2.6 - 3.0

- [France](#) has detected SHAV-EU for the first time in a horse; the virus was identified by PCR in the blood of a horse with neurological signs in Hérault
- The [Netherlands](#) has also detected SHAV-EU for the first time in a horse; with the virus again identified by PCR in the blood of a horse presenting with neurological symptoms
- Spain has reported suspected cases of SHAV-EU in cattle in [Cadiz](#) and [Extremadura](#) (bordering Portugal)
- [Italy](#) has reported SHAV-EU in cattle and water buffalo farms in the province of Salerno (close to Naples and ~700km from the initial cases reported in northern Italy)
- A recent Federation of Veterinarians of Europe [webinar](#) highlighted the rapid emergence and spread of SHAV across Europe
- [France](#) has confirmed outbreaks in 51 departments, affecting cattle in 49 departments (including one newly affected department, Ariège) and sheep in 2 departments

Highly Pathogenic Avian Influenza in North America

No. of Signals: 05

No. of weeks in report: 237

Avg. Rating: 2.0 - 3.0

- Over the last week, [Canada](#) has reported outbreaks of HPAI in commercial poultry in: Manitoba(2) and Alberta(1)
- [Nunavut](#) has reported suspected AI in four species of birds harvested near Frobisher Bay, Iqaluit, between September 4 - 11, 2026; these are the first cases since December 2024
- Over the last week, the [USDA](#) has reported HPAI in commercial poultry in: Minnesota(1) and Indiana(1)
- As of October 5, 2026, the [USDA](#) has reported influenza A(H5N1) in 1177 dairy herds across 19 states: Wisconsin(1), 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(29), [Michigan](#)(31), Texas(38), [Colorado](#)(64), Idaho(177), and California(773); no new outbreaks were reported in the last week
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

New World Screwworm in the United States

No. of Signals: 05

No. of weeks in report: 17

Avg. Rating: 2.0 - 2.8

- As of October 5, 2026, the [USDA](#) has confirmed a total of 52 cases of NWS myiasis in two states: Texas(51) and New Mexico(1); over the last week, one additional case was reported in a dog in Brewster County, Texas
- In [Texas](#), researchers and veterinary officials are using the 2026 deer hunting season to support NWS surveillance, with hunters encouraged to inspect harvested deer for foul-smelling wounds and report suspected infections
- On September 24, 2026, the USDA re-opened the [Santa Teresa](#) port of entry in New Mexico, with the first shipment of cattle from Mexico from Chihuahua state; animals are being inspected by both Mexico and USDA officials

Bluetongue in Europe

No. of Signals: 01

No. of weeks in report: 29

Avg. Rating: 2.6

- [Great Britain's](#) 2026–2027 BTV outbreak has more than doubled in less than three weeks with 2,124 affected premises as of September 28th and over 1,100 additional premises under investigation; this is more than six times the total for the 2025–2026 season
- [DEFRA](#) has reported 2,780 cases of BTV-3 or unspecified serotype in the UK in the 2026 to 2027 bluetongue season, including: 2,280 cases in England, 457 cases in Wales, 43 cases in Scotland, 0 cases in Northern Ireland

Influenza A(H9N2) in China

No. of Signals: 02

No. of weeks in report: 90

Avg. Rating: 2.5

- [China](#) has reported two new human cases of avian influenza A(H9N2), both in one-year-old girls from Henan and Guangdong provinces that reported some poultry exposure; both recovered fully without hospitalization

Epizootic Hemorrhagic Disease in the United States

No. of Signals: 01

No. of weeks in report: 12

Avg. Rating: 2.5

- [Wisconsin](#) has confirmed EHDV in non-lactating dairy cattle in Waukesha County, concurrent with an active EHDV outbreak in deer across multiple counties in the state
- [Michigan](#) also recently reported EHDV across four counties, characterizing activity levels as similar to 2025

Rabies in the United States

No. of Signals: 02

No. of weeks in report: 05

Avg. Rating: 2.0 - 2.5

- [New York](#) has confirmed two cases of rabies in adult Angus cattle from a beef herd after three animals developed acute neurological signs and died over a three-week period; remaining livestock were vaccinated and the exposed farmer received post-exposure prophylaxis (PEP)
- In early September, the CDC issued a [Health Advisory](#) following a nationwide increase in human rabies exposures and rabies PEP administration errors

Highly Pathogenic Avian Influenza in Oceania

No. of Signals: 05

No. of weeks in report: 16

Avg. Rating: 2.0 - 2.3

- As of October 5, 2026, [Australia](#) has confirmed 686 events of HPAI H5 in wildlife: 10 in Western Australia, 325 in South Australia, 68 in New South Wales, 2 in Queensland, 234 in Victoria, 46 in Tasmania, and 1 in Other Territories (Jervis Bay)
- [New Zealand](#) has not reported any additional detections of HPAI over the last week

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 06

No. of weeks in report: 285

Avg. Rating: 2.0

- [Denmark](#), [Sweden](#), and [Cyprus](#) have reported HPAI in wild birds
- [Belgium](#) has reported HPAI in backyard birds
- [Germany](#) has reported HPAI in newly acquired waterfowl at the Cologne Zoo

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 02

No. of weeks in report: 249

Avg. Rating: 2.0

- [Taiwan](#) has reported HPAI H5N1 in commercial poultry (guinea fowl in Taoyuan City)
- [Cambodia](#) has reported HPAI H5N1 in backyard poultry (linked to the recently reported human case)

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Foot and Mouth Disease

- ◆ Pre-print: Foot-and-Mouth Disease Virus Serotypes Circulating in Small Ruminants in Benue State, Nigeria [Read More](#)

Influenza

- ◆ Diminished sialoside binding in novel H5N1 influenza hemagglutinin variants identified in a human patient [Read More](#)
- ◆ Spatiotemporal clustering of highly pathogenic avian influenza (HPAI) H5N1 at the wild waterfowl-poultry interface: Vector-specific spillover risks in the U.S., 2022–2025 [Read More](#)
- ◆ Baloxavir-Based Combination Therapy for Protection against Influenza A(H5N1) Clade 2.3.4.4b Virus Infection in Mice [Read More](#)
- ◆ Occurrence of influenza antivirals and resistance development in influenza A viruses in aquatic environments: A risk assessment [Read More](#)

New World Screwworm

- ◆ The chemical signatures of mating in *Cochliomyia hominivorax* (Diptera: Calliphoridae): evidence for mating-induced remodeling of cuticular hydrocarbons [Read More](#)
- ◆ Human Myiasis Resulting from Reemergence of *Cochliomyia hominivorax* Screwworm, Mexico, 2025–2026 [Read More](#)
- ◆ Cerebral myiasis due to *Cochliomyia hominivorax* [Read More](#)

Shamonda Virus Europe

- ◆ Pre-print: Newly Emerged Shamonda Virus in Europe Associated with Neurological Disease in Horses, Switzerland 2026 [Read More](#)
- ◆ Two incursions, two viruses: emergence of a second novel Shamonda virus clade, Germany, 2026 [Read More](#)
- ◆ Identification, Isolation and Genomic Characterization of an Emerging Shamonda Virus Variant Associated with Bovine Disease in Switzerland [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Severe fever with thrombocytopenia syndrome (SFTS) likely associated with a bite from a Siberian weasel (*Mustela sibirica*): a case report from China [Read More](#)

Other

- ◆ Coyotes (*Canis latrans*) Mitigate Environmental Accumulation of Chronic Wasting Disease Prions [Read More](#)
- ◆ First Report of Human Hepatitis B Virus (HBV) in Wild Neotropical Primates [Read More](#)
- ◆ New York Global Health Update Report - 10/01/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 06/10/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 26 September – 2 October, week 40 [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.