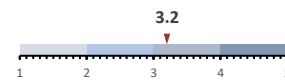


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

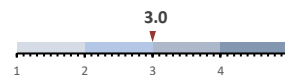
Highly Pathogenic Avian Influenza

- Over the last week, **Canada** has reported outbreaks of HPAI in commercial poultry in: **Manitoba(1), Saskatchewan(1), British Columbia(1), and Quebec(1)**; and in non-commercial poultry in: **Alberta(1)**
- Nine cases of HPAI were reported in birds at a petting farm in Butterfield Acres in **Foothills County, Calgary, Alberta**; the facility was voluntarily closed from October 13 - 17, 2025

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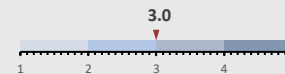
[Read More](#)



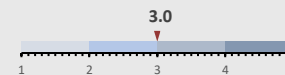
Influenza A (H5)

- Mexico** has reported a human case of avian influenza A(H5) in a 23-year-old woman from **Mexico City** who reported no recent travel; samples collected from animals near the residence (a pet dog, poultry bird, and two pigeons) tested positive for influenza A(H5)
- Cambodia** has reported another human case (the 16th of 2025) of avian influenza A(H5N1), in a 3-year-old girl from **Kampong Speu province**; there were reports of sick and dead poultry around their residence ~one week before the child became sick

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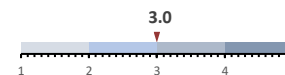
[Read More](#)



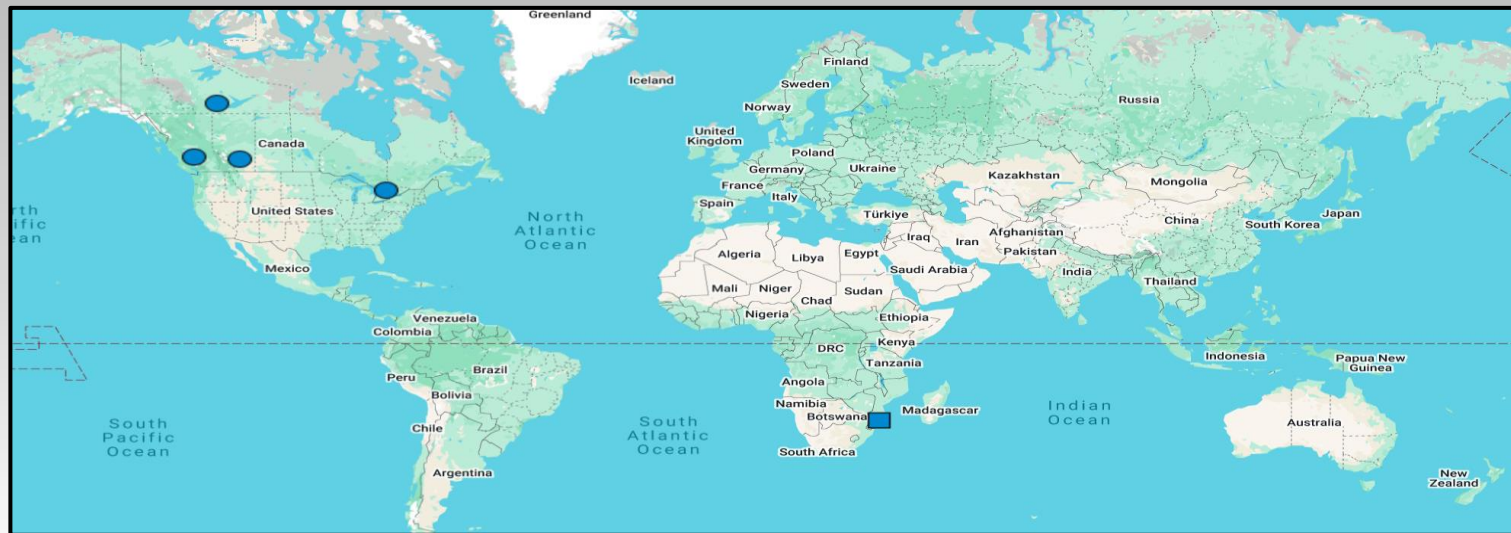
Asian Longhorned Tick

- Kansas** has reported its first detection of the ALHT after it was found on a dog in **Franklin County**

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NEW EVENTS: (events rated > 2)



Foot and Mouth Disease SAT-1 in Mozambique

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

① Mozambique has reported its first cases of FMD SAT-1 in the country. Forty-seven cases were reported in a herd of 4570 cattle in Moamba.

[Read More](#)

Avg. Rating	2.8
No. of Signal	1
No. of Ratings	4

Salmonella Oranienburg in Canada linked to dog food/treats

Pathogen: bacteria; **Transmission:** direct contact, fecal-oral; **Species affected in event:** human

① In late September 2025, the Public Health Agency of Canada issued a notification about an outbreak of *Salmonella* Oranienburg linked to dog food and treats. As of October 16, 2025, there have been 31 cases reported across Canada: Alberta (14), British Columbia (14), Ontario (2), and Northwest Territories (1). Exposure to certain Puppy Love and Puppy World brand dog treats has been identified as a likely source for some of the illnesses reported in the outbreak.

[Read More](#)

Avg. Rating	2.5
No. of Signal	1
No. of Ratings	2

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America

No. of Signals: 09

No. of weeks in report: 188

Avg. Rating: 2.0 - 3.2

- Over the last week, [Canada](#) has reported outbreaks of HPAI in commercial poultry in: Manitoba(1), Saskatchewan(1), British Columbia(1), and Quebec(1); and in non-commercial poultry in: Alberta(1)
- Nine cases of HPAI were reported in birds at a petting farm in Butterfield Acres in Foothills County, Calgary, [Alberta](#); the facility was voluntarily closed from October 13 - 17, 2025
- In [Ontario](#), an investigation into a possible case of HPAI has led to the closure of Murphy Park in Mount Forest
- As of October 1, 2025, CFIA laboratories have tested 6,126 samples of raw milk from trucks arriving at processing plants in all provinces across [Canada](#); all samples have tested negative
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Minnesota(4) and Indiana(3); in WOAHP poultry in: Pennsylvania(1) and Idaho(1); and in WOAHP Non-poultry in: Oregon(1), Idaho(1), Ohio(1), and North Carolina(1)
- As of October 20, 2025, the [USDA](#) has reported influenza A (H5N1) in 1081 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(771); one new outbreak was reported in Idaho this week
- [Hawaii](#) has reported a presumptive case of HPAI H5 in an ailing duck that was found at the University of Hawai'i at Mānoa
- 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: 27

Avg. Rating: 3.0

- [Cambodia](#) has reported another human case (the 16th of 2025) of avian influenza A(H5N1), in a 3-year-old girl from Kampong Speu province; there were reports of sick and dead poultry around their residence ~one week before the child became sick

Influenza A(H5) in Mexico

No. of Signals: 01

No. of weeks in report: 04

Avg. Rating: 3.0

- [Mexico](#) has reported a human case of avian influenza A(H5) in a 23-year-old woman from Mexico City with no recent travel history; samples collected from animals near the residence (a pet dog, poultry bird, and two pigeons) tested positive for influenza A(H5)

Chikungunya in the United States

No. of Signals: 01

No. of weeks in report: 02

Avg. Rating: 2.8

- A resident of [New York](#) has been confirmed positive for chikungunya virus, the first locally acquired case in the state, and the first reported local transmission within the United States in six years

Influenza A(H9N2) in China

No. of Signals: 01

No. of weeks in report: 73

Avg. Rating: 2.6

- [China](#) has reported two additional human cases of influenza A(H9N2), one in a 2-year-old boy from Hunan, and the other in a 70-year-old woman from Jiangxi

New World Screwworm in Central America & Mexico

No. of Signals: 02

No. of weeks in report: 41

Avg. Rating: 2.0 - 2.4

- Mexico has reported detections of the NWS in animals in the states of [Morelos](#) and [Querétaro](#), both in animals that were recently transported from southern affected regions

Lumpy Skin Disease in Europe

No. of Signals: 07

No. of weeks in report: 15

Avg. Rating: 2.0 - 2.4

- [Spain](#) has reported an additional outbreak of LSD, bringing the total number of outbreaks to 10
- [France](#) has also reported additional outbreaks of LSD, bringing the total number of outbreaks to 83; with recent reports in Occitanie, near its border with Spain
- Due to the outbreaks of LSD, [France](#) has suspended cattle exports for 15 days and banned animal gatherings
- [Italy](#) has reported additional outbreaks of LSD in Sardinia, bringing to total number of outbreaks to 75

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 30

No. of weeks in report: 245

Avg. Rating: 2.0 - 2.3

- [Germany](#), [Slovakia](#), [Poland](#), [France](#), [Spain](#), and [England](#) have reported outbreaks of HPAI in domestic poultry
- [Iceland](#), [Ireland](#), [Italy](#), [Austria](#), [Germany](#), [North Macedonia](#), [Latvia](#), the [Falkland Islands](#), and the [Maderia Islands](#) have reported HPAI in wild birds
- [France](#) has raised its risk level for HPAI from negligible to moderate
- The [Netherlands](#) has ordered all poultry to be kept indoors and enclosed nationwide due to the risk of HPAI
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 03

No. of weeks in report: 209

Avg. Rating: 2.0

- [Iraq](#) and [Taiwan](#) have reported outbreaks of HPAI H5N1 in domestic poultry

Highly Pathogenic Avian Influenza in South America

No. of Signals: 02

No. of weeks in report: 100

Avg. Rating: 2.0

- [Argentina](#) has reported HPAI H5 in backyard birds in Buenos Aires

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 02

No. of weeks in report: 87

Avg. Rating: 2.0

- [South Africa](#) has reported an outbreak of HPAI H5N1 in domestic poultry in Western Cape

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

African Swine Fever

- ◆ Wild boar trade and African swine fever risk of introduction into new territories: A quantitative release assessment with retrospective data of wild boar shipments to France and Spain (2010–2017) [Read More](#)

Coronavirus

- ◆ A Narrative Review on the Recent Insights into the Pathogenicity and Potential Role of Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in the Emergence of “Disease X” [Read More](#)

Influenza

- ◆ OFFLU Guidelines for High Pathogenicity Avian Influenza Virus Risk Mitigation in Cattle [Read More](#)
- ◆ PAHO - Epidemiological Update Avian Influenza A(H5N1) in the Americas Region [Read More](#)
- ◆ WOA - High Pathogenicity Avian Influenza (HPAI) Situation Report 75 [Read More](#)
- ◆ Strict Biosecurity and Epidemiological Segmentation Enable Partial Culling During a Highly Pathogenic Avian Influenza Outbreak [Read More](#)
- ◆ A vaccine central in A(H5) influenza antigenic space confers broad immunity [Read More](#)
- ◆ Efficient replication of avian, porcine and human influenza A viruses in well-differentiated bovine airway epithelial cells [Read More](#)
- ◆ Molecular Detection and Genetic Characterization of H9N2 Avian Influenza Virus in Laying Hen and Broiler Farms in Dakar and Thiès Regions, Senegal [Read More](#)
- ◆ Detection of H9N2 Avian Influenza Virus in commercial raw meat-based diets for dogs and cats in South Korea [Read More](#)
- ◆ Efficient airborne transmission of influenza D virus in ferret models and serological evidence of human exposure in Northeast China [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Asian Longhorned Tick detected in Kansas for the first time [Read More](#)
- ◆ A one-health approach to surveillance of tick-borne pathogens across different host groups [Read More](#)

Other

- ◆ The New Face of Pandemic Preparedness: 2025 Report [Read More](#)
- ◆ Wildlife hunting and the increased risk of leprosy transmission in the tropical Americas: a pathogeographical study [Read More](#)
- ◆ New York Global Health Update Report - 10/16/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 21/10/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 11 - 17 October 2025, week 42 [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.