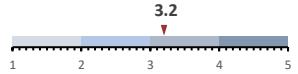


## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

### Theileriosis

- ◆ **Canada** has confirmed *Theileria orientalis* Ikeda in a second cow on the same farm in **Kawartha Lakes, Ontario**. Unlike the first infected cow, which had been imported from the USA, this second animal was born in Canada, had no known travel history, and was identified through herd testing. It showed no clinical signs of illness.

[Read More](#)



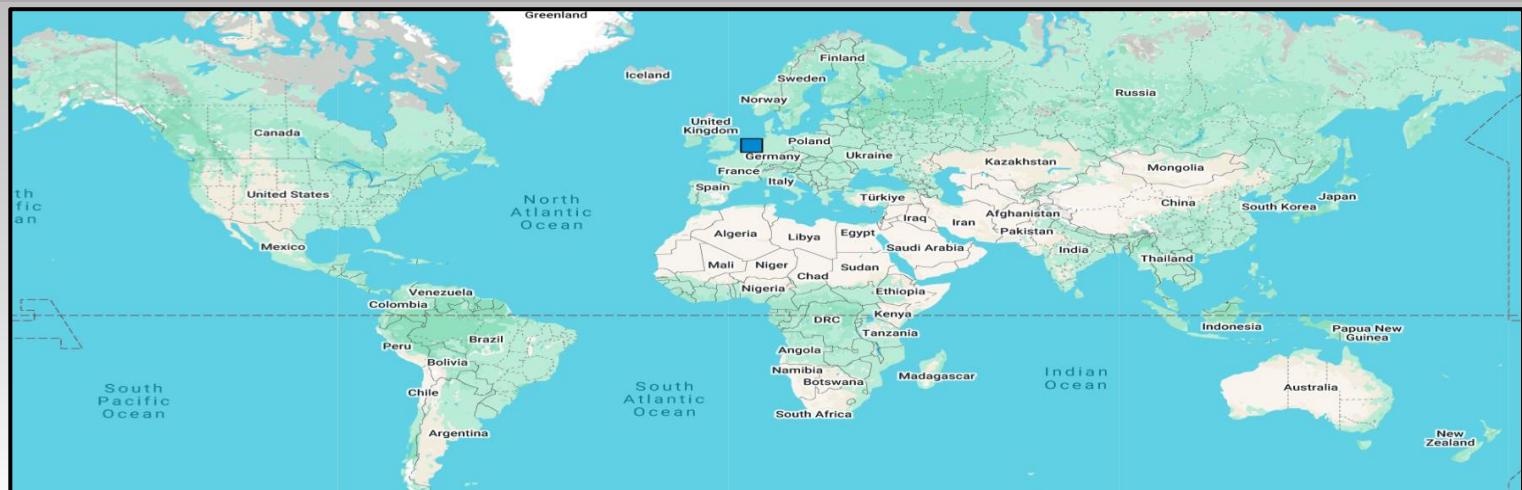
### Highly Pathogenic Avian Influenza

- ◆ The **Netherlands** have reported finding HPAI H5N1 antibodies (no detectable virus) in a dairy cow in **Friesland**. The investigation began after a cat on the dairy farm died from H5N1 in December 2025.
- ◆ **Canada** has confirmed HPAI H5N1 in samples of dead wild birds from **southern Manitoba** after ~500 bird carcasses, mostly Canada geese, were found in early December 2025.

[Read More](#)



## NEW EVENTS: (events rated $> 2$ )



### Highly Pathogenic Avian Influenza H5N1 in a dairy cow in the Netherlands

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

① Antibodies to the HPAI H5N1 were detected in a single dairy cow on a farm in Noardeast-Fryslân, Friesland, in the Netherlands. This is the first reported HPAI infection in cattle outside the United States. The investigation began after two cats from the farm were reported sick in late December 2025, one of which tested positive for HPAI and died. Screening on January 15, 2026, found no sick cattle, and milk testing confirmed no active virus, though one cow showed antibodies indicating a past infection. Reports indicate that the cow, which has since fully recovered, showed symptoms in mid-December consistent with HPAI infection (mastitis and reduced milk yield). Follow-up sampling on January 22, 2026 confirmed the absence of active virus, with antibody results pending to determine whether more animals had prior exposure.

[Read More](#)

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

## CONTINUED EVENTS: (events rated $\geq 2.4$ )

### Theileriosis in Canada

No. of Signals: 01 No. of weeks in report: 02 Avg. Rating: 3.2

- [Canada](#) has confirmed *Theileria orientalis* Ikeda in a second cow on the same farm in Kawartha Lakes, Ontario. Unlike the first infected cow, which had been imported from the USA, this second animal was born in Canada, had no known travel history, and was identified through herd testing. It showed no clinical signs of illness.

### Highly Pathogenic Avian Influenza in North America

No. of Signals: 06 No. of weeks in report: 201 Avg. Rating: 2.0 - 3.0

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the last week
- Canada has confirmed HPAI H5N1 in samples of dead wild birds from [southern Manitoba](#) after ~500 bird carcasses, mostly Canada geese, were found in early December 2025
- Ontario has confirmed HPAI in dead geese in [Whitby](#) and reported suspected HPAI in [Brampton](#)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Indiana(1) and Georgia(1); in WOAH poultry in: Pennsylvania(1), New Jersey(1), Iowa(1), and Montana(1); in WOAH non-poultry in: West Virginia(1), New York(1), and Arkansas(1)
- As of January 26, 2026, the [USDA](#) has reported influenza A (H5N1) in 1084 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(13), Texas(30), [Michigan](#)(31), [Colorado](#)(64), Idaho(108), and California(773); no new outbreaks were reported in the last four weeks
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

### Lumpy Skin Disease in Asia

No. of Signals: 03 No. of weeks in report: 19 Avg. Rating: 2.0 - 2.7

- [Indonesia](#) has confirmed LSD in Bali; this is the first time the presence of LSD on the island has been formally acknowledged, despite months of unofficial reports and clinical signs suggesting it was already circulating

### Highly Pathogenic Avian Influenza in Europe

No. of Signals: 28 No. of weeks in report: 258 Avg. Rating: 2.0 - 2.6

- [Spain's](#) December 2025 national crane census recorded 185,249 wintering cranes, 47,700 fewer than in 2024, primarily due to widespread HPAI related mortality
- Swans also appear to be more recently affected, with HPAI reported in dead swans across [England](#), [Scotland](#), [France](#), and the [Czech Republic](#)
- [England](#), [France](#), [Poland](#), [Belgium](#), the [Netherlands](#), the [Czech Republic](#), [Hungary](#), and [Denmark](#) have reported outbreaks of HPAI in domestic poultry
- [England](#), [Moldova](#), [Austria](#), [Denmark](#), [Ukraine](#), [Latvia](#), [Finland](#), the [Netherlands](#), [Switzerland](#), [Poland](#), and the [Czech Republic](#) have reported HPAI in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

### African Swine Fever in Europe

No. of Signals: 14 No. of weeks in report: 171 Avg. Rating: 2.0 – 2.6

- [Spain](#) has reported 20 additional cases of ASF in wild boar, bringing the total count to 85
- [Latvia](#) and [Bosnia and Herzegovina](#) have reported outbreaks of ASF in domestic swine
- [Lithuania](#), [Croatia](#), [Hungary](#), [Bosnia and Herzegovina](#), [Poland](#), [Moldova](#), [Italy](#), and [Estonia](#) have also reported cases of ASF in wild boar
- The [Czech Republic](#) has self declared freedom from ASF in all swine

### Chikungunya in the United States

No. of Signals: 01 No. of weeks in report: 03 Avg. Rating: 2.6

- [Florida](#) has reported its first locally acquired chikungunya case in the state for 2025 in Miami-Dade County, in an individual who experienced symptom onset in December 2025

### Influenza A (H9N2) in China

No. of Signals: 01 No. of weeks in report: 78 Avg. Rating: 2.5

- [China](#) has reported three additional human cases of avian influenza A(H9N2) in children ranging from 1-8 years old, with symptom onset in late November/early December, all of whom reported direct/indirect contact with poultry and have since recovered

### Highly Pathogenic Avian Influenza in Asia

No. of Signals: 06 No. of weeks in report: 222 Avg. Rating: 2.0

- [Japan](#), [Taiwan](#), and [South Korea](#) have reported outbreaks of HPAI in domestic poultry

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### African Swine Fever

- ❖ Early disruption of the innate-adaptive immune axis in vivo after infection with virulent Georgia 2007/1 ASFV [Read More](#)

### Influenza

- ❖ One Health, Many Realities: Navigating Collaboration for Avian Influenza Surveillance and Response [Read More](#)
- ❖ Polymerase mutations underlie early adaptation of H5N1 influenza virus to dairy cattle and other mammals [Read More](#)
- ❖ The receptor binding properties of H5Ny influenza A viruses have evolved to bind to avian-type mucin-like O-glycans [Read More](#)
- ❖ Surveillance of live birds for active and past infections reveals the impact of highly pathogenic H5N1 on seabird populations in Atlantic Canada [Read More](#)
- ❖ Pre-print: Investigating high pathogenicity avian influenza virus incursions to remote islands: Detection of H5N1 on Gough Island in the South Atlantic Ocean [Read More](#)
- ❖ Pre-print: Occupationally exposed and general population antibody profiles to influenza A viruses circulating in swine as an indication of zoonotic risk [Read More](#)
- ❖ Evidence of High Pathogenic Avian Influenza H5N1 Clade 2.3.4.4b Among Poultry in Ghana From 2021 to 2022 [Read More](#)
- ❖ Emerging Respiratory Virus Threats from Influenza D and Canine Coronavirus HuPn-2018 [Read More](#)

### Vectors and Vector Borne Diseases

- ❖ Unravelling the genomic landscape of Canadian *Borrelia burgdorferi*: a comparison across global strains [Read More](#)
- ❖ *Dermacentor occidentalis* Ticks and Link to *Rickettsia lanei* infections, California, USA [Read More](#)
- ❖ Detection of Oropouche and Punta Toro Virus Infections by Enhanced Surveillance, Panama, 2023-2024 [Read More](#)
- ❖ What are the vector species of the Oropouche virus? [Read More](#)
- ❖ Pre-print: Comparative vector competence of post-2015 St. Louis encephalitis virus in *Culex tarsalis* and *Culex quinquefasciatus* mosquitoes [Read More](#)

### Other

- ❖ Analysis of *Echinococcus multilocularis* Complete Mitogenomes: Evidence for the Historical Spread from Central Asia to the Northern Hemisphere [Read More](#)
- ❖ First isolation report of bovine adenovirus type 10 in Japan: virological and pathological characteristics [Read More](#)
- ❖ New York Global Health Update Report – 01/22/2026 [Read More](#)
- ❖ France - Weekly Bulletin for International Animal Health Surveillance 27/01/2026 [Read More](#)
- ❖ ECDC - Communicable disease threats report, 17 - 23 January 2026, week 4 [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.