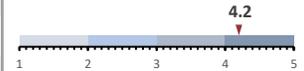


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

***Theileria orientalis* Ikeda**

◆ Iowa has reported its first finding of the Asian Longhorned Tick and confirmed its first case of *Theileria orientalis* Ikeda in a cattle herd in **Van Buren County**

[Read More](#)



Lumpy Skin Disease

◆ Italy has reported its first cases of LSD in **Sardinia**; seven cases have been reported in cattle in **Orani**, with vector movement from northern Africa identified as the potential source of the outbreak

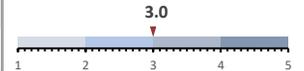
[Read More](#)



Influenza A (H5N1)

◆ Cambodia has reported two additional human cases of influenza A(H5N1); one fatal case in a 52-year-old man from **Svay Rieng province** who had contact with sick/dead poultry, and the other a critical case in a 41-year-old woman from **Siem Reap province** who also had contact with sick/dead poultry

[Read More](#)



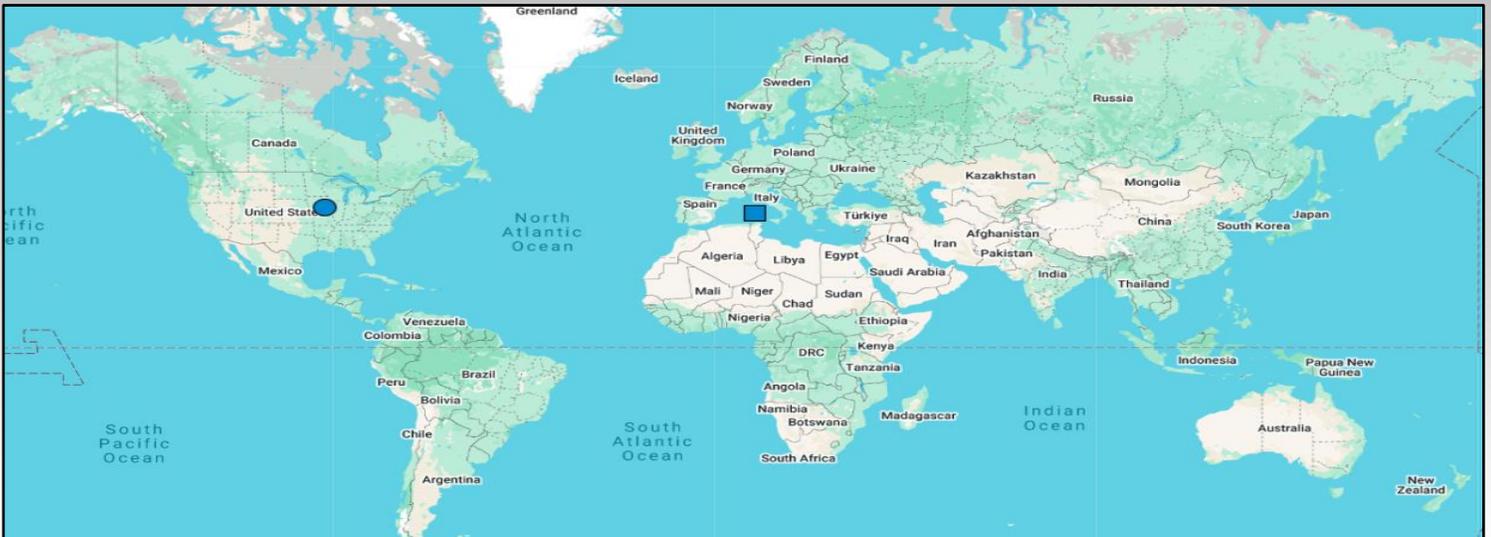
African Swine Fever

◆ ASF has now been confirmed in a wild boar in the **North Rhine-Westphalia** region of **Germany**; additional wild boar have also initially tested positive

[Read More](#)



NEW EVENTS: (events rated > 2)



● ***Theileria orientalis* Ikeda in Iowa**

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

① Iowa has confirmed case of *Theileria orientalis* Ikeda in cattle in Van Buren County, located in southeast Iowa. *Theileria* is a protozoan parasite carried by the Asian Longhorned Tick (ALHT); the parasite infects red and white blood cells and causes bovine infectious anemia. According to USDA records, this is the first time *Theileria* and the ALHT have been confirmed in Iowa.

[Read More](#)

| | |
|----------------|-----------|
| Avg. Rating | 2.6 - 4.2 |
| No. of Signal | 2 |
| No. of Ratings | 5 - 18 |

■ **Lumpy Skin Disease in Italy**

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

① Italy has reported its first cases of LSD in Sardinia. Seven cases of LSD were reported in domestic cattle in Orani. The WAHIS report identifies the potential source of the outbreak as vector movement from northern Africa, where LSD has recently been reported (Tunisia and Algeria).

[Read More](#)

| | |
|----------------|-----|
| Avg. Rating | 3.5 |
| No. of Signal | 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: 21

Avg. Rating: 2.5 - 3.0

- Cambodia has reported two additional human cases of influenza A(H5N1); one fatal case in a 52-year-old man from [Svay Rieng province](#) who had contact with sick/dead poultry, and the other a critical case in a 41-year-old woman from [Siem Reap province](#) who also had contact with sick/dead poultry

African Swine Fever in Europe

No. of Signals: 11

No. of weeks in report: 161

Avg. Rating: 2.0 - 3.0

- [Germany](#) has confirmed ASF in a wild boar in North Rhine-Westphalia (northern range expansion), additional wild boars have also tested positive
- [Moldova](#) and [Romania](#) have reported outbreaks of ASF in domestic swine
- [Poland](#), [Ukraine](#), [Hungary](#), [Estonia](#), and [Romania](#) have reported cases of ASF in wild boar

Influenza A (H9N2, H10N3) in China

No. of Signals: 01

No. of weeks in report: 70

Avg. Rating: 2.5

- [China](#) has reported three new human cases of avian influenza A(H9N2), one each from Henan, Sichuan, and Hunan Province; the cases ranged in age from 6-72, all experienced onset of symptoms in May, and had a history of poultry exposure; no illness was reported in any close contacts and no epidemiological links have been identified between the cases
- [China](#) has also reported one new human case of avian influenza A(H10N3) in a 70-year-old female farmer from Shaanxi Province; the case is still under treatment and her condition is currently stable, no illness was reported in any close contacts

New World Screwworm in Central & North America

No. of Signals: 05

No. of weeks in report: 31

Avg. Rating: 2.0 - 2.5

- [Mexico](#) has reported four additional human cases of NWS, bringing the total number of human cases to 17 (15 in Chiapas, 2 in Campeche)
- [El Salvador](#) has confirmed its first three human cases of NWS
- [Guatemala](#) has reported 16 human cases of NWS, with the majority of cases in older adults
- The [USDA](#) is investing \$21 million to renovate a facility in Metapa, Mexico, which will significantly boost the production of sterile screwworm flies; additionally, the USDA is opening of an \$8.5 million sterile fly dispersal facility in South Texas in an effort to prevent the NWS from reaching the U.S

Highly Pathogenic Avian Influenza in South America

No. of Signals: 05

No. of weeks in report: 91

Avg. Rating: 2.0 - 2.3

- [Brazil](#) has reported an outbreak of HPAI H5N1 in a multispecies backyard flock in the state of Goias
- [Brazil](#) has reported another case of HPAI H5N1 at the Brasilia Zoo, in an Australian emu found dead
- [Brazil](#) has declared itself free of avian influenza after no new outbreaks were detected on commercial poultry farms for 28 days

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 07

No. of weeks in report: 228

Avg. Rating: 2.0 - 2.2

- [England](#) has reported HPAI H5N1 in domestic poultry in Bishop Auckland
- [Finland](#) and [Wales](#) have reported HPAI H5N1 in wild birds
- 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: 193

Avg. Rating: 2.0 - 2.1

- [South Korea](#) has reported HPAI H5N1 in domestic poultry (ducks)

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Coronavirus

- ◆ Susceptibility of Ferret and Cat to Porcine Deltacoronavirus: Evidence of Infection in Ferrets but Not Cats [Read More](#)

Influenza

- ◆ Pre-print: Dairy cows infected with influenza A(H5N1) reveals low infectious dose and transmission barriers [Read More](#)
- ◆ Efficacy of baloxavir marboxil against bovine H5N1 virus in mice [Read More](#)
- ◆ Global spread of H3 subtype avian influenza viruses with an accelerated evolution after interspecies transmission [Read More](#)
- ◆ Assessment of the public health risk of novel reassortant H3N3 avian influenza viruses that emerged in chickens [Read More](#)
- ◆ H13N8 and H16N3 AIV Isolated from Shorebirds Can Replicate in the Rectum of Mice [Read More](#)

Mpox

- ◆ WHO - Mpox: Multi-country External Situation Report no.53 [Read More](#)

Vectors and Vector-borne Diseases

- ◆ Mosquito vector competence for Japanese encephalitis virus: a systematic review and meta-analysis update [Read More](#)
- ◆ First report of Crimean-Congo hemorrhagic fever virus exposure in human and livestock populations, Center Region, Cameroon [Read More](#)
- ◆ Characterization of post-acute multi-organ sequelae following dengue infection [Read More](#)

Other

- ◆ A new intermediate host of *Echinococcus shiquicus* in Qinghai-Tibet Plateau, China [Read More](#)
- ◆ Virome characterization of field-collected rodents in suburban city [Read More](#)
- ◆ Rainfall- and Temperature-Driven Emergence of Neural Angiostrongyliasis in Eastern Australia, 2020–2024 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 17/06/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 14 – 20 June 2025, week 25 [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.