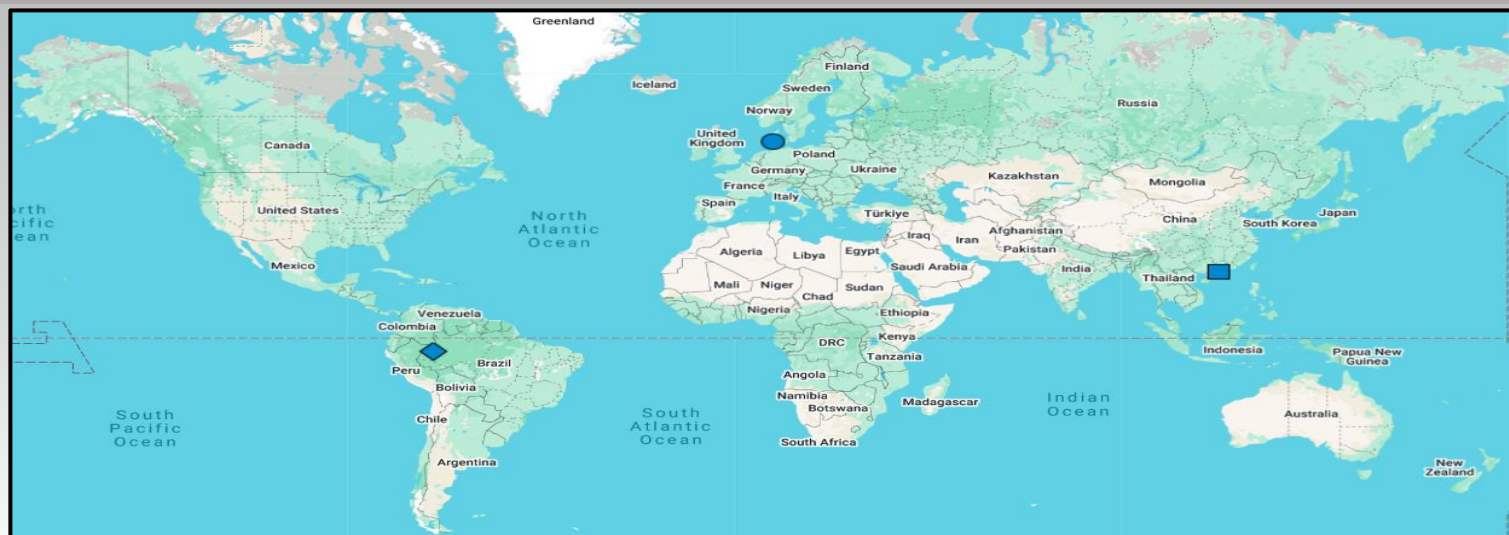


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

No relevant signals to report this week

NEW EVENTS: (events rated > 2)



■ Chikungunya in China

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

① Since July 2025, China has reported >7000 local cases of Chikungunya in Guangdong province. The city of Foshan has the highest concentration of cases, with at least 12 other cities in the southern Guangdong reporting infections. The CDC has recently issued a Level 2 travel advisory to the region due to the outbreak.

[Read More](#)

Avg. Rating	2.1 - 2.5
No. of Signal	2
No. of Ratings	4 - 12

● Brucella suis in Denmark

Pathogen: bacteria; **Transmission:** direct contact, aerosol, fomite; **Species affected in event:** swine

① Denmark has reported two cases of *Brucella suis* in a free-range pig herd in the municipality of Herning. Sequencing has identified the strain as *B. suis* biovar 2. The last time *B. suis* was reported in Denmark was in 1991.

[Read More](#)

Avg. Rating	2.4
No. of Signal	1
No. of Ratings	5

◆ Venezuelan Equine Encephalitis in Brazil

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

① Venezuelan Equine Encephalitis virus (VEE) has been reported for the first time in residents of Tabatinga, Brazil, a tri-border region with Colombia and Peru. As part of a cross-sectional study, three residents of Tabatinga urban area (2 men and 1 woman) were found to be PCR positive for VEE, they presented with nonspecific symptoms such as headache, myalgia, and arthralgia, with no signs of neuroinvasive disease. They have all since recovered. Genetic sequencing shows close similarity with viruses circulating in Peru, suggesting potential cross-border transmission.

[Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	4

CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Europe

No. of Signals: 11

No. of weeks in report: 163

Avg. Rating: 2.0 - 2.8

- [Estonia](#) has reported additional outbreaks of ASF in domestic swine, including one in its largest pig farm which includes a farrowing unit that currently houses ~27,000 pigs
- [Latvia](#), [Romania](#), and [Bosnia and Herzegovina](#) have reported outbreaks of ASF in domestic swine
- [Estonia](#), [Italy](#), [Poland](#), [Romania](#), and [Ukraine](#) have reported cases of ASF in wild boar

New World Screwworm in Central & North America

No. of Signals: 05

No. of weeks in report: 36

Avg. Rating: 2.0 - 2.8

- [Mexico](#) has reported a 53% increase in cases of NWS myiasis in animals over the past month; as of August 17, 2025, there have been 5,086 cases of NWS myiasis, 649 of which are still active
- [Belize](#) has reported a second human case of NWS myiasis

West Nile Virus in Canada

No. of Signals: 04

No. of weeks in report: 16

Avg. Rating: 2.0 - 2.5

- In Ontario, [Hamilton](#) and [Niagara](#) have confirmed their first human cases of WNV for the season; additional mosquitos have also tested positive for WNV in [Chatham-Kent](#) and [Peel Region](#)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 06

No. of weeks in report: 238

Avg. Rating: 2.0 - 2.2

- [Bulgaria](#) has reported HPAI H5N1 on three farms with a total flock of 28,000 birds in the town of Rakovski
- The [UK](#) has reported additional outbreaks of HPAI H5N1, in poultry in Devon and captive birds in Somerset
- [Norway](#) and [Spain](#) have reported HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in North America

No. of Signals: 03

No. of weeks in report: 181

Avg. Rating: 1.8 - 2.2

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: South Dakota(1); and in WOA non-poultry in: New York(1)
- Several vultures have tested positive for avian influenza in Hillsborough, [New Jersey](#)
- [USDA APHIS](#) has updated its HPAI surveillance guidelines for poultry and now recommends a 72-hour pre-movement isolation period before birds are loaded for slaughter, during which no birds should be moved on or off the premises, and only essential personnel should enter, as well as PCR testing closer to the time of shipment
- As of September 1, 2025, the [USDA](#) has reported influenza A (H5N1) in 1078 dairy herds across 17 states; 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(29), [Michigan](#)(31), [Colorado](#)(64), Idaho(107), and California(771); no newly affected herds were reported over the last four weeks
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 03

No. of weeks in report: 203

Avg. Rating: 1.8 - 2.0

- [Vietnam](#) has reported HPAI H5N1 in ducks in Quang Ngai
- In [India](#), two dead storks at the Delhi Zoo have tested positive for HPAI H5N1
- The [Philippines](#) have approved the country's first vaccine against avian influenza for commercial use

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

African Swine Fever

- ◆ Evaluation of Cross-Protection of African Swine Fever Vaccine ASFV-G-ΔI177L Between ASFV Biotypes [Read More](#)

Influenza

- ◆ Dairy cattle herds mount a characteristic antibody response to highly pathogenic H5N1 avian influenza viruses [Read More](#)
- ◆ An emerging PB2-627 polymorphism increases the zoonotic risk of avian influenza virus by overcoming ANP32 host restriction in mammalian and avian hosts [Read More](#)
- ◆ H5N1 highly pathogenic avian influenza vaccination: Seroresponse of Mexican poultry in the 2022–2024 [Read More](#)
- ◆ Vaccination and surveillance for high pathogenicity avian influenza in poultry—current situation and perspectives [Read More](#)
- ◆ Multivariable analysis of highly pathogenic H5N1 and H5Nx avian influenza in wild birds and poultry in Asian subregions [Read More](#)
- ◆ A Broad Wildlife Survey of Influenza A Virus in the Orinoco Flooded Savannas from Colombia: New Reports and Perspectives [Read More](#)
- ◆ Generative Artificial Intelligence–based Surveillance for Avian Influenza Across a Statewide Healthcare System [Read More](#)

Vectors and Vector-borne Diseases

- ◆ Pre-print: Venezuelan Equine Encephalitis Virus, Amazonas, Brazil, 2025 [Read More](#)
- ◆ Importation of the exotic tick *Amblyomma geoemydae* into Sweden via illegally introduced turtles (*Geoemyda spengleri*) from Thailand [Read More](#)

Other

- ◆ CDC - Rabies Outbreak in an Urban, Unmanaged Cat Colony — Maryland, August 2024 [Read More](#)
- ◆ Mycobacterium bovis Infection in Cats: Zoonotic Transmission [Read More](#)
- ◆ Zoonotic infections due to avian Chlamydia abortus: what are we missing? [Read More](#)
- ◆ Genomic evolution of Salmonella Dublin in cattle and humans in the United States [Read More](#)
- ◆ First whole-genome sequence of Mycobacterium avium subsp. silvaticum isolated from a diseased Egyptian goose (*Alopochen aegyptiaca*) [Read More](#)
- ◆ Argentina Epidemiological Bulletin – week 33 [Read More](#)
- ◆ New York Global Health Update Report - 08/28/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 02/09/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 23 - 29 August 2025, week 35 [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.