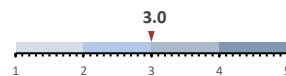


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Asian Long Horned Tick

◆ **Maine** has confirmed the first finding of the invasive ALHT in the state, in **Cumberland County**

[Read More](#)



New World Screwworm

◆ The **USA** has confirmed its first human travel-associated case of NWS myiasis in a resident of **Maryland** who recently travelled to **El Salvador**

[Read More](#)



NEW EVENTS: (events rated > 2)



■ New World Screwworm Myiasis in a traveller in the United States

Pathogen: parasite; **Transmission:** myiasis; **Species affected in event:** human

① The USA has confirmed its first human travel-associated case of NWS myiasis in a resident of Maryland. The case was confirmed by the CDC on August 4, 2025, and involved a patient who returned from travel to El Salvador.

[Read More](#)

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

● Foot and Mouth Disease (SAT-1) in Egypt

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

① Egypt has confirmed cases of FMD serotype SAT-1 for the first time in the country. Cases were reported in cattle and buffalo in Al Buhayrah. Quarantine, movement controls, and other biosecurity measures have been implemented with emergency ring vaccination underway. FMD SAT-1 has recently re-emerged in the middle east with Iraq, Kuwait, Bahrain, Qatar, and Türkiye reporting cases in 2025.

[Read More](#)

Avg. Rating	2.2
No. of Signal	1
No. of Ratings	5

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in South America

No. of Signals: 02

No. of weeks in report: 97

Avg. Rating: 2.3 - 2.7

- [Argentina](#) has reported an outbreak of HPAI H5N1 in commercial layers in Buenos Aires

New World Screwworm in Central & North America

No. of Signals: 09

No. of weeks in report: 35

Avg. Rating: 1.3 - 2.6

- [Mexico](#) has reported additional human cases of NWS myiasis in Chiapas, Campeche, Yucatan, and [Tabasco](#)
- [El Salvador](#) has confirmed its fourth human case of NWS myiasis
- [Honduras](#) has reported 2,496 animal cases of NWS, most of them on its border with Nicaragua; the sterile fly release in the region has also stopped, as all of the sterile fly production in Panama is being sent to Mexico
- [Guatemala](#) has reported additional cases of NWS in cattle, horses, pigs, and dogs
- The USA has issued a declaration allowing the [FDA](#) to authorize the emergency use of certain animal drugs for NWS myiasis

Lumpy Skin Disease in Europe

No. of Signals: 02

No. of weeks in report: 10

Avg. Rating: 2.0 - 2.4

- [France](#) has reported additional outbreaks of LSD, bringing the total number of outbreaks to 77 across 42 farms; one recent outbreak was reported in the Ain region, in an animal that was previously vaccinated

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 04

No. of weeks in report: 237

Avg. Rating: 2.0 - 2.3

- Due to increasing HPAI activity, the [UK](#) has issued a risk warning to bird keepers and gamebird rearers
- [Portugal](#) has 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: 04

No. of weeks in report: 180

Avg. Rating: 1.7 - 2.2

- On August 21, 2025, the Federal Court of Appeal ruled in favor of CFIA's Humane Destruction order of ostriches at the Universal Ostrich Farm in Edgewood, [British Columbia](#)
- [British Columbia](#) will be providing \$2.5 million in funding that will allow about 75 poultry farms in the Fraser Valley to upgrade their barns to reduce the risk of HPAI
- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- The [USDA](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- As of August 25, 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 three 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: 04

No. of weeks in report: 202

Avg. Rating: 2.0

- [Vietnam](#) has reported cases of HPAI H5N1 in backyard poultry in Nghe An

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Coronavirus

- ◆ Proteomic signatures of SARS-CoV-2 susceptibility in Mexican free-tailed bats and their application to viral surveillance [Read More](#)
- ◆ Global Epidemiology and Public Health Challenges of Middle East Respiratory Syndrome Coronavirus (MERS-CoV) [Read More](#)

Influenza

- ◆ Pre-print: Intensive transmission in wild, migratory birds drove rapid geographic dissemination and repeated spillovers of H5N1 into agriculture in North America [Read More](#)
- ◆ Pre-print: Genetic reassortment and diversification of host specificity have driven evolutionary trajectories of lineages of panzootic H5N1 influenza [Read More](#)
- ◆ Landscape changes elevate the risk of avian influenza virus diversification and emergence in the East Asian–Australasian Flyway [Read More](#)
- ◆ Prevalence and Transmission of Influenza A (H6) Viruses Pose a Potential Threat to Public Health [Read More](#)
- ◆ Active surveillance for influenza A virus in swine reveals within-farm reassortment and cocirculation of distinct subtypes and genetic clades [Read More](#)

Vectors and Vector-borne Diseases

- ◆ Maine reported first detection of the Asian Long Horned Tick [Read More](#)
- ◆ PAHO - Epidemiological Update Oropouche in the Region of the Americas - 13 August 2025 [Read More](#)

Other

- ◆ Human infections with the raccoon roundworm, *Baylisascaris procyonis*: A scoping review [Read More](#)
- ◆ *Gallibacterium anatis* as an emerging pathogen in pet birds: biofilm formation contributes to treatment challenges and persistence [Read More](#)
- ◆ New York Global Health Update Report - 08/21/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 26/08/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 16 - 22 August 2025, week 34 [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.