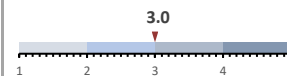


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

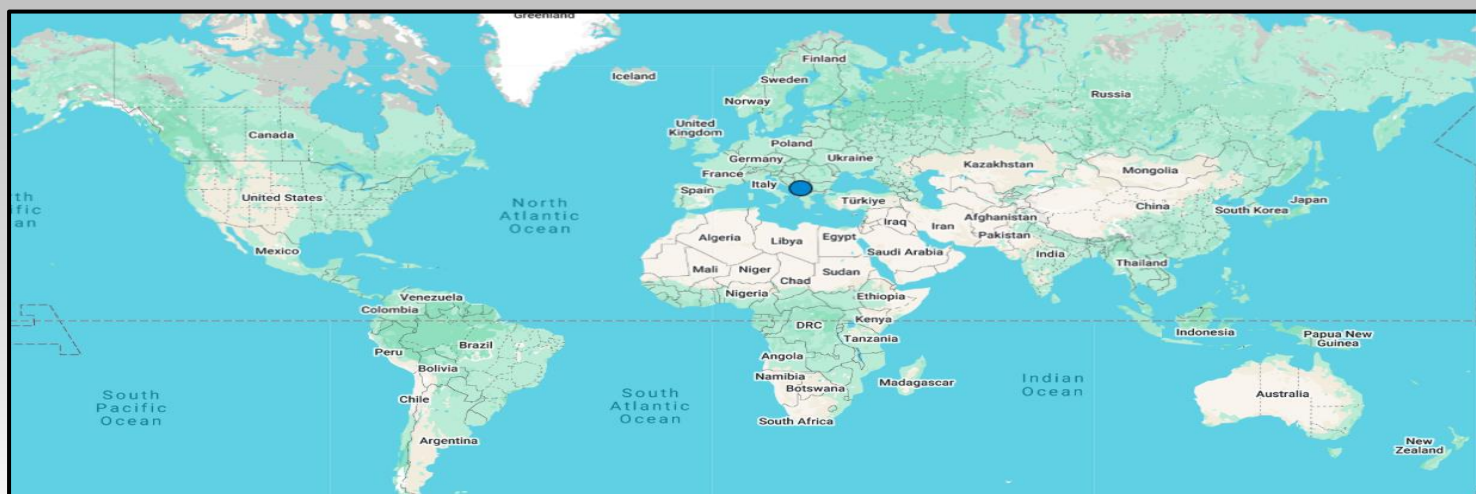
Influenza A(H5N1)

- ◆ **Cambodia** has reported its 14th human case of influenza A(H5N1) for 2025; the case involves a 26-year-old man from **Siem Reap province** who is in intensive care and reported recent contact with sick/dead poultry

[Read More](#)



NEW EVENTS: (events rated > 2)



● Bluetongue virus in Kosovo

Pathogen: virus; **Transmission:** vector; **Species affected in event:** unclear (sheep, goats, or cattle)

- ① Kosovo has confirmed cases of BTV on two farms, one in Pristina and the other in Lipjan. Details on the BTV serotype involved and the species affected are not listed.

[Read More](#)

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

CONTINUED EVENTS: (events rated ≥ 2.4)

Influenza A(H5) in Cambodia

No. of Signals: 01

No. of weeks in report: 25

Avg. Rating: 3.0

- [Cambodia](#) has reported its 14th human case of influenza A(H5N1) for 2025; the case involves a 26-year-old boy from Siem Reap province who is in intensive care and reported recent contact with sick/dead poultry

Lumpy Skin Disease in Europe

No. of Signals: 03

No. of weeks in report: 07

Avg. Rating: 2.3 - 2.6

- [France](#) has reported additional outbreaks of LSD, bringing the total number of outbreaks to 61, all within Savoie and Haute-Savoie
- [Italy](#) has reported a total of 47 outbreaks of LSD; 46 in Sardinia and 1 in Lombardy

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 10

No. of weeks in report: 234

Avg. Rating: 2.0 - 2.5

- The [UK](#) is experiencing an increase in HPAI activity, with recent outbreaks of HPAI H5N1 reported in domestic poultry in [England](#), [Scotland](#), and [Ireland](#)
- [Ireland](#) and the [Netherlands](#) have reported HPAI H5N1 in wild birds
- [France](#) has reported HPAI H5 in a wild bird
- A summary of the overall HPAI situation in Europe is available [here](#)

New World Screwworm in Central & North America

No. of Signals: 05

No. of weeks in report: 33

Avg. Rating: 1.8 - 2.5

- [Mexico](#) has confirmed the first human death associated with the NWS, the case was an 86-year-old woman from Candelaria, Campeche, who died as a result of squamous cell carcinoma, a form of skin cancer exacerbated by the infestation
- [Mexico](#) has reported 35 human infections with the NWS, 33 in Chiapas and 2 in Campeche
- In [Mexico](#), illegal cattle smuggling has been linked to the spread of the NWS increasing the need for a better livestock traceability system by incorporating technologies that are harder to counterfeit (vs. black market ear tags that launder illegal cattle into the legal supply)
- So far in 2025, [Costa Rica](#) has reported 56 human infections with the NWS, this is three times higher than the number of human infections reported in the same period in 2024
- In the USA, [Texas](#) is working to launch a new tool to control the NWS; Swormlure-5 is a synthetic bait that contains insecticide and smells like an open wound to attract the flies

Highly Pathogenic Avian Influenza in North America

No. of Signals: 03

No. of weeks in report: 178

Avg. Rating: 1.3 - 2.3

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- As of July 28, 2025, CFIA laboratories have tested 5,077 samples of raw milk from trucks arriving at processing plants in all provinces across [Canada](#); all samples have tested negative
- The [USDA](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- As of August 4, 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); the one recent outbreak was reported from California
- 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: 05

No. of weeks in report: 199

Avg. Rating: 2.0

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

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 02

No. of weeks in report: 84

Avg. Rating: 2.0

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

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

African Swine Fever

- Development of a risk-based zoning strategy for African swine fever control in South Korea: Integrating spatial analysis and biosecurity assessment [Read More](#)

Foot and Mouth Disease

- Predicted foot and mouth disease virus and African swine fever virus inactivation within carcasses undergoing field decomposition in three Australian climate zones [Read More](#)
- Spatiotemporal Dynamics of Emerging Foot-and-Mouth Disease, Bluetongue, and Peste Des Petits Ruminants in Algeria [Read More](#)

Influenza

- Pre-print: Surveillance on California dairy farms reveals multiple sources of H5N1 transmission [Read More](#)
- Genotype B3.13 influenza A(H5N1) viruses isolated from dairy cattle demonstrate high virulence in laboratory models, but retain avian virus-like properties [Read More](#)
- Potential impacts of 2.3.4.4b highly pathogenic H5N1 avian influenza virus infection on Snow Goose (*Anser caerulescens*) movement ecology [Read More](#)
- Pre-print: Controlling avian influenza spillover events: a modelling study [Read More](#)
- Three things we can do now to reduce the risk of avian influenza spillovers [Read More](#)
- FAO/WHO/WOAH - Updated joint public health assessment of recent influenza A(H5) virus events in animals and people [Read More](#)
- A Review of Avian Influenza Virus Exposure Patterns and Risks Among Occupational Populations [Read More](#)
- DEFRA - Vaccination of poultry against highly pathogenic avian influenza (HPAI): joint industry and cross-government vaccination taskforce [Read More](#)
- Molecular characteristics and genetic evolution of H9N2 avian influenza virus in eastern monsoon zone of China [Read More](#)
- Evaluation of pandemic potential of the genotype 4 (G4) swine influenza virus using ex vivo and in vitro cultures of the human respiratory tract [Read More](#)

Vectors and Vector-borne Diseases

- Genome report: whole-genome assembly of the relapsing fever tick *Ornithodoros turicata* Dugès (Acari: Argasidae) [Read More](#)

Other

- Assessing the risk of diseases with epidemic and pandemic potential in a changing world [Read More](#)
- An update on the prevalence of *Echinococcus multilocularis* in red foxes (*Vulpes vulpes*) in a Central European focus: Northern and northeastern Poland (2022–2024) [Read More](#)
- Zoonotic disease risk at traditional food markets [Read More](#)
- Retrospective Study Reveals Decades of PCV4 Circulation in Spain [Read More](#)
- France - Weekly Bulletin for International Animal Health Surveillance 05/08/2025 [Read More](#)
- ECDC - Communicable disease threats report, 26 July – 1 August 2025, week 31 [Read More](#)
- SHIC Domestic Disease Monitoring Report – August 2025 [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.