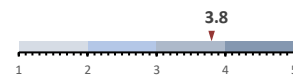


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

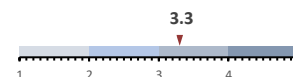
Highly Pathogenic Avian Influenza

- Whole genome sequencing has confirmed that the HPAI H5N1 clade 2.3.4.4b found in **Wisconsin** dairy is genotype D1.1, identifying it as a new spillover event from wildlife into dairy cattle
- Over the last week, **Canada** has reported outbreaks of HPAI in commercial poultry in: **Ontario**(3) and **British Columbia**(2); and in non-commercial non-poultry in: **British Columbia**(1)
- Alberta** has reported a case of HPAI H5N1 in a 10-year-old goldendoodle that had exposure to a snow goose, and subsequently died

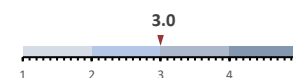
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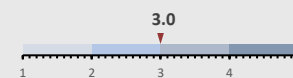
[Read More](#)



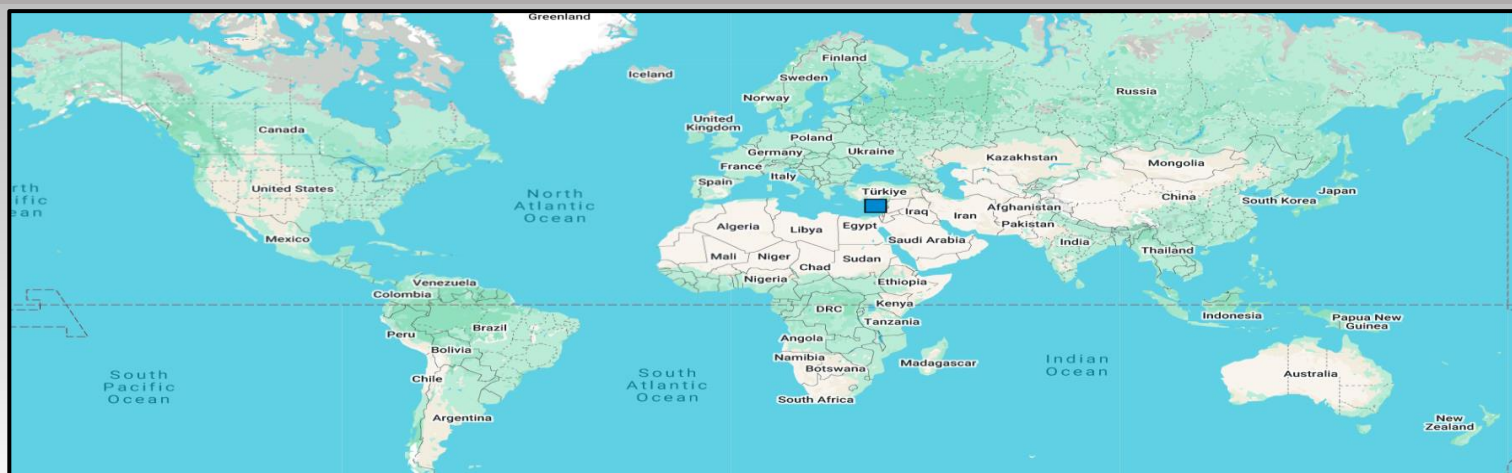
Chronic Wasting Disease

- British Columbia** has confirmed two new cases of CWD detected in the Kootenays, within the existing management zone for the disease

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NEW EVENTS: (events rated > 2)



Foot and mouth disease SAT-1 in Cyprus

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

① Two separate outbreaks of FMD have been confirmed in Turkish-controlled Northern Cyprus. These are the first FMD outbreaks in Cyprus since 2007. One outbreak was detected in Ayios Sergios, and four cases were reported in cattle at a farm in Lapithos, ~75 kms to the north-west of Ayios Sergios. Laboratory testing by the Turkish Foot and Mouth Research Institute in Ankara identified the SAT1 serotype as the causative agent. Approximately 13,000 animals, including cattle, sheep, and goats, are being vaccinated by 35 teams across Northern Cyprus. The spread of FMD into Cyprus, and several other countries, was considered as "likely" by a recent [FAO risk assessment](#).

[Read More](#)

Avg. Rating	2.7 - 2.8
No. of Signal	2
No. of Ratings	6

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America	No. of Signals: 10	No. of weeks in report: 197	Avg. Rating: 1.8 - 3.8
<ul style="list-style-type: none"> Over the last week, Canada has reported outbreaks of HPAI in commercial poultry in: Ontario(3) and British Columbia(2); and in non-commercial non-poultry in: British Columbia(1) Alberta has reported a case of HPAI H5N1 in a 10-year-old goldendoodle that had exposure to a snow goose, and subsequently died Over the last week, the USDA has reported outbreaks of HPAI in commercial poultry in: Indiana(2), Texas(1), and South Dakota(1); in WOAHP poultry in: Kansas(1) and Indiana(1); in WOAHP non-poultry in: Texas(1), Minnesota(1), Washington(1) Nebraska(1), Indiana(1), Illinois(1), California(1), and Arkansas(1); and in a live bird market in: New York(1) As of December 22, 2025, 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 week Whole genome sequencing has confirmed that the HPAI H5N1 clade 2.3.4.4b found in Wisconsin dairy is genotype D1.1, identifying it as a new spillover event from wildlife into dairy cattle In Pennsylvania, hundreds of dead snow geese found dead at a quarry in Northampton County are suspected to have died from HPAI In the USA, despite increased reports of infected birds in 2025, there has been a reduction in reports of infected wildlife since last spring Wastewater surveillance dashboards for influenza can be found at the CDC and Stanford University's WastewaterSCAN 			
Chronic Wasting Disease in Canada	No. of Signals: 01	No. of weeks in report: 16	Avg. Rating: 3.0
<ul style="list-style-type: none"> British Columbia has confirmed two new cases of CWD detected in the Kootenays, within the existing management zone for the disease 			
African Swine Fever in Europe	No. of Signals: 11	No. of weeks in report: 167	Avg. Rating: 2.0 – 2.7
<ul style="list-style-type: none"> Spain has confirmed an additional case of ASF in a wild boar, bringing the total number of positive detections to 27; police have carried out a search at the IRTA-CReSA laboratory, as part of the investigation into the origin of the outbreak of ASF Bosnia and Herzegovina has reported cases of ASF in domestic swine Poland, Bosnia and Herzegovina, Serbia, Croatia, Estonia, Bulgaria, and Moldova have reported cases of ASF in wild boar 			
Highly Pathogenic Avian Influenza in Africa	No. of Signals: 02	No. of weeks in report: 90	Avg. Rating: 2.2
<ul style="list-style-type: none"> Namibia has confirmed HPAI H5N1 in wild birds in the Karas region 			
Highly Pathogenic Avian Influenza in Europe	No. of Signals: 32	No. of weeks in report: 254	Avg. Rating: 2.0 - 2.2
<ul style="list-style-type: none"> England, the Netherlands, France, Italy, Poland, Germany, Sweden, and Denmark have reported outbreaks of HPAI in domestic poultry France, Austria, Poland, Spain, Italy, Czech Republic, Luxembourg, Lithuania, Slovenia, Hungary, and Norway have reported HPAI in wild birds Albania has reported the deaths of hundreds of birds in the village of Krapes, suspected to be due to HPAI A summary of the overall HPAI situation in Europe is available here 			
Highly Pathogenic Avian Influenza in Asia	No. of Signals: 07	No. of weeks in report: 218	Avg. Rating: 2.0 - 2.2
<ul style="list-style-type: none"> South Korea and Japan have reported additional outbreaks of HPAI in domestic poultry India has reported suspected HPAI in poultry in Kottayam Taiwan has reported HPAI H5N1 in wild birds 			

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Coronavirus

- ◆ The threat of another coronavirus pandemic: how are we preparing for it? [Read More](#)

Foot and Mouth Disease

- ◆ FAO Rapid risk assessment: foot-and-mouth disease (FMD) virus serotype SAT1 [Read More](#)

Influenza

- ◆ The potential of H5N1 viruses to adapt to bovine cells varies throughout evolution [Read More](#)
- ◆ Inactivation of avian influenza virus in yogurt made from raw milk [Read More](#)
- ◆ Novel Highly Pathogenic Avian Influenza A(H5N1) Virus, Argentina, 2025 [Read More](#)
- ◆ Cats are more susceptible to the prevalent H3 subtype influenza viruses than dogs [Read More](#)
- ◆ A taxonomically harmonized global dataset of wild bird hosts for avian influenza virus surveillance [Read More](#)
- ◆ WOAHP Statement on the impact of HPAI on wildlife worldwide [Read More](#)
- ◆ Highly pathogenic avian influenza: a One Health perspective on risks, surveillance, and resilience [Read More](#)
- ◆ EFSA: introduction of bird flu from US dairy cattle to Europe very unlikely, but vigilance urged [Read More](#)
- ◆ PAHO - Briefing note - Influenza A(H3N2) subclade K (J.2.4.1), considerations for the Americas Region - 11 December 2025 [Read More](#)
- ◆ Influenza Virus Characteristics in Department of Defense Populations, 2024–2025 [Read More](#)
- ◆ Antiviral susceptibility of clade 2.3.4.4b highly pathogenic avian influenza A(H5N1) viruses from humans in the United States, October 2024 to February 2025 [Read More](#)
- ◆ Development of a portable avian influenza virus characterisation system: bringing the inside-out [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Detection and response to *Haemaphysalis longicornis* and *Theileria orientalis* Ikeda on a cow-calf farm in Tennessee (USA) [Read More](#)
- ◆ ECDC Surveillance of West Nile infections in humans in Europe, weekly report [Read More](#)
- ◆ Prevalence of bluetongue serotype 3 following the 2023 epidemic and associated risk factors in Dutch dairy cattle [Read More](#)
- ◆ Two autochthonous cases of Crimean-Congo haemorrhagic fever and the One Health response, Thessaly, Greece, 2025 [Read More](#)

Other

- ◆ Case of Congenital Tularemia with Neuroinvasive Disease, Utah, USA [Read More](#)
- ◆ Rapid emergence of *Trichophyton indotineae* (*Trichophyton mentagrophytes* ITS genotype VIII) observed in the United Kingdom, up to August 2025 [Read More](#)
- ◆ A new member of the novel, non-core *Brucella* clade: An exotic frog isolate closely related to atypical *Brucella* isolates from recent human brucellosis cases in Australia [Read More](#)
- ◆ New York Global Health Update Report – 12/18/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 23/12/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 13 - 19 December 2025, week 51 [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.