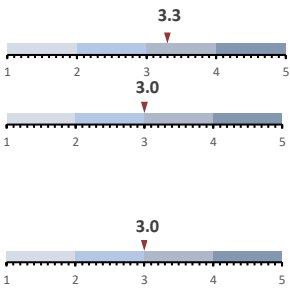


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

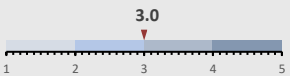
Highly Pathogenic Avian Influenza

- ◆ Over the last week, **Canada** has confirmed outbreaks of HPAI in commercial poultry in: **Manitoba(3)** and **Alberta(1)** [Read More](#)
- ◆ Government records obtained by Animal Welfare Institute (through a public-records request to the **Utah** Department of Agriculture and Food) highlight challenges/gaps in disease response protocol and the potential public health hazards, with continued spread of the virus expected to result in 80% loss of the mink herd. Additionally, the H5N1 serotype in the mink has been identified as B3.13, the serotype associated with dairy cattle outbreaks [Read More](#)
- ◆ Journal Article: Highly Pathogenic Avian Influenza Virus Subtype 5 in Cetaceans, **Brazil**
 - HPAI H5 was identified in in stranded dolphins (classified as vulnerable or endangered) along the coastline of **Brazil** during 2023–2025 [Read More](#)



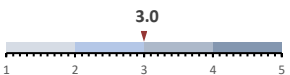
Shamonda-Europe Virus

- ◆ **Jersey** has reported SHAV-EU2 in dairy farms (samples from July 2026), confirming the virus is present in the **British Isles** and close to **Great Britain** [Read More](#)

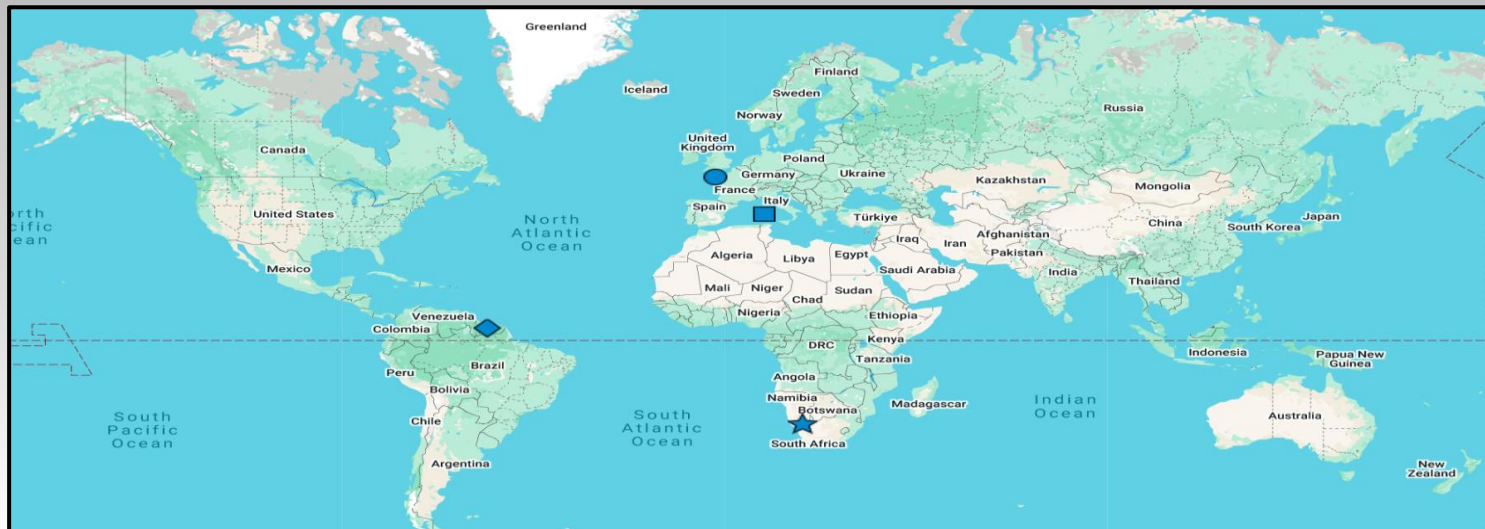


New World Screwworm

- ◆ The USDA has confirmed its first NWS (wildtype) fly trap detection in **Brewster County, Texas**; as well as an additional case in a goat in **Crockett County, Texas** [Read More](#)



NEW EVENTS: (events rated > 2)



● Shamonda-Europe virus in Jersey, British Isles

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

① SHAV-EU has been reported in Jersey for the first time. A recent [preprint](#) indicates that SHAV-EU was detected on two dairy farms following outbreaks in July 2026 characterized by reduced milk yield, foul-smelling diarrhea, and, in severe cases, recumbency. Genomic sequencing showed the virus was nearly identical (99.7-99.9% sequence identity) to recently identified German SHAV-EU-2 strains, suggesting wider circulation in western Europe. The authors note that this represents the first detection of SHAV in the British Isles and highlights the potential for broader regional spread of this emerging Simbu serogroup virus.

[Read More](#)

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

■ Bluetongue serotype 12 virus in Sardinia, Italy

Pathogen: virus; **Transmission:** vector; **Species affected in event:** cattle, sheep

① Italy has reported its first detections of BTV-12 in Sardinia, marking the notification of a new strain in the country/region. The outbreak began on September 8, 2026 and involves two premises in Arborea, Oristano Province; one sheep flock and one cattle farm. BTV-12 was previously detected in the Netherlands in October 2024, representing the first and only other report of this BTV serotype in Europe. Source of introduction is unknown.

[Read More](#)

Avg. Rating	2.7
No. of Signals	1
No. of Ratings	3

◆ Avian Influenza H5 in Suriname

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

① Suriname has detected AI H5 for the first time following a sharp increase in mortality at a broiler farm in Wanica District, where more than half of ~ 6,000 chickens reportedly died. Laboratory testing confirmed influenza A (H5), although additional testing is underway to determine the specific subtype and whether it is highly or low pathogenic.

[Read More](#)

Avg. Rating	2.7
No. of Signals	1
No. of Ratings	3

★ Foot and Mouth Disease in Namibia

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

① Namibia has confirmed an outbreak of FMD within its WOA-recognized FMD-free zone, following the detection of the virus on a commercial farm in Karasburg, Karas Region. The outbreak was identified during routine surveillance after 11 cattle showing clinical signs were sampled on September 22 2026; serotype is still pending.

[Read More](#)

Avg. Rating	2.0 - 2.7
No. of Signals	3
No. of Ratings	3

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America	No. of Signals: 06	No. of weeks in report: 236	Avg. Rating: 2.0 - 3.3
- Over the last week, Canada has reported outbreaks of HPAI in commercial poultry in: Manitoba(3) and Alberta(1) - Over the last week, the USDA has reported HPAI in commercial poultry in: Minnesota(2); in WOAHP poultry in: Minnesota(1); and in WOAHP non-poultry in: Minnesota(2) and Iowa(1) (a multi-species backyard flock in Boone County) - Government records obtained by Animal Welfare Institute (through a public-records request to the Utah Department of Agriculture and Food) highlight challenges/gaps in disease response protocol and the potential public health hazards, with continued spread of the virus expected to result in 80% loss of the mink herd. Additionally, the H5N1 serotype in the mink has been identified as B3.13, the serotype associated with dairy cattle outbreaks - As of September 28, 2026, the USDA has reported influenza A(H5N1) in 1177 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(29), Michigan(31), Texas(38), Colorado(64), Idaho(177), and California(773); no new outbreaks were reported in the last week - Wastewater surveillance dashboards for influenza can be found at the CDC and Stanford University's WastewaterSCAN			
Shamonda Orthobunyavirus in Europe	No. of Signals: 08	No. of weeks in report: 09	Avg. Rating: 2.0 - 3.0
Jersey has reported SHAV-EU2 in dairy farms (samples from July 2026), confirming the virus is present in the British Isles and close to Great Britain Germany had reported SHAV-EU in a cattle herd in the district of Saxon Switzerland-Eastern Ore Mountain France has confirmed outbreaks in 50 departments, affecting cattle in 49 departments (two new departments, Aisne and Charente) and sheep in two departments (one new department of Aveyron)			
New World Screwworm in the United States	No. of Signals: 06	No. of weeks in report: 16	Avg. Rating: 1.3 - 3.0
- As of September 28, 2026, the USDA has confirmed a total of 51 cases of NWS myiasis in two states: Texas(50) and New Mexico(1) - The USDA has also confirmed its first NWS (wildtype) fly trap detection in Brewster County, Texas Georgia has reinstated enhanced interstate movement requirements for all warm-blooded animals entering Georgia from five New Mexico counties after the NWS was detected in the horse from Grant County, New Mexico			
Rabies in Canada	No. of Signals: 01	No. of weeks in report: 17	Avg. Rating: 2.7
In British Columbia, a rabid skunk found near Kootenay Lake prompted a public health alert after multiple people were potentially exposed and required rabies post-exposure prophylaxis			
Highly Pathogenic Avian Influenza in Oceania	No. of Signals: 01	No. of weeks in report: 15	Avg. Rating: 2.7
- As of September 28, 2026, Australia has confirmed 666 events of HPAI H5 in wildlife: 10 in Western Australia, 321 in South Australia, 67 in New South Wales, 2 in Queensland, 220 in Victoria, 45 in Tasmania, and 1 in Other Territories (Jervis Bay) New Zealand has not reported any additional detections of HPAI over the last week			
Theileriosis in the United States	No. of Signals: 01	No. of weeks in report: 07	Avg. Rating: 2.5
Iowa has confirmed <i>Theileria orientalis</i> following the sudden deaths of 17 yearling heifers, with investigators reporting thousands of ticks on affected animals and subsequent testing revealing widespread infection across the herd			
African Swine Fever in Europe	No. of Signals: 08	No. of weeks in report: 193	Avg. Rating: 2.0 - 2.5
Finland has reported cases of ASF in Lappeenranta and expanded its ASF core restriction zone along the Russian border after additional infected wild boar carcasses were detected, bringing the total number of confirmed cases to 44 Spain and Italy have reported additional detections of ASF in wild boar Hungary and Romania have reported outbreaks of ASF in domestic swine			
Highly Pathogenic Avian Influenza in Africa	No. of Signals: 01	No. of weeks in report: 98	Avg. Rating: 2.0
Nigeria has reported HPAI H5N1 in commercial poultry in Toro (in early August 2026)			

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Foot and Mouth Disease

- ◆ Preparation and evaluation of a monovalent foot and mouth disease vaccine as a rapid response to the emerging serotype SAT1 in Egypt [Read More](#)

Influenza

- ◆ Pre-print: Serological Evidence of Widespread Exposure to H5 Avian Influenza Virus in Arctic Foxes in Svalbard, Norway [Read More](#)
- ◆ Evidence for exposure to and infection with H5 clade 2.3.4.4b highly pathogenic avian influenza viruses among polar bears inhabiting Alaska [Read More](#)
- ◆ Highly Pathogenic Avian Influenza Virus Subtype 5 in Cetaceans, Brazil [Read More](#)
- ◆ Genetic Diversity of Clade 2.3.4.4b H5Nx High Pathogenicity Avian Influenza Viruses Detected in Korea During the 2025–2026 Winter Season and Pathogenicity of H5N1 and H5N9 Viruses [Read More](#)
- ◆ Limited added benefit of seasonal influenza vaccination before A(H5) vaccination in mice and ferrets challenged with A(H5N1) [Read More](#)
- ◆ Emergence of Novel Highly Pathogenic Avian Influenza Virus A(H5N1) Clade 2.3.4.4b in Commercial Poultry, Bangladesh [Read More](#)
- ◆ Novel emerging reassortant H6 avian influenza viruses with internal genes from G57 genotype of H9N2 pose potential zoonotic risk [Read More](#)
- ◆ Reassortment of Highly Pathogenic Avian Influenza as a Driver for Zoonotic Spillover, Asia [Read More](#)
- ◆ ECDC - Avian influenza overview June–August 2026 [Read More](#)

New World Screwworm

- ◆ Advancing the sterile insect technique for the New World screwworm fly: the case for CRISPR-engineered genetic sexing strains [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Pre-print: Incursion of European Shamonda virus clade II in dairy cattle on Jersey, Channel Islands [Read More](#)
- ◆ Pre-print: Shamonda virus infection in sheep and goat: First evidence from Europe [Read More](#)
- ◆ A longitudinal study of factors associated with positivity for *Theileria orientalis* ikeda genotype in suspected cattle, Virginia, USA [Read More](#)
- ◆ Oya Virus in a Patient with Severe Hepatitis, Enteritis, and Coagulopathy [Read More](#)

Other

- ◆ The anthropogenic fingerprint on emerging infectious diseases [Read More](#)
- ◆ New York Global Health Update Report - 09/24/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 29/09/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 19 - 25 September, week 39 [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.