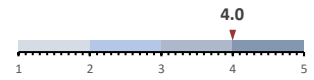


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Foot and Mouth Disease

◆ News reports from **China** indicate that FMD SAT-1 has spread widely, affecting at least 12 provinces, including: **Xinjiang, Gansu, Inner Mongolia, Liaoning, Jilin, Heilongjiang, Shandong, Shanxi, Ningxia, Hebei, Guizhou, and Anhui**

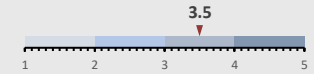
[Read More](#)



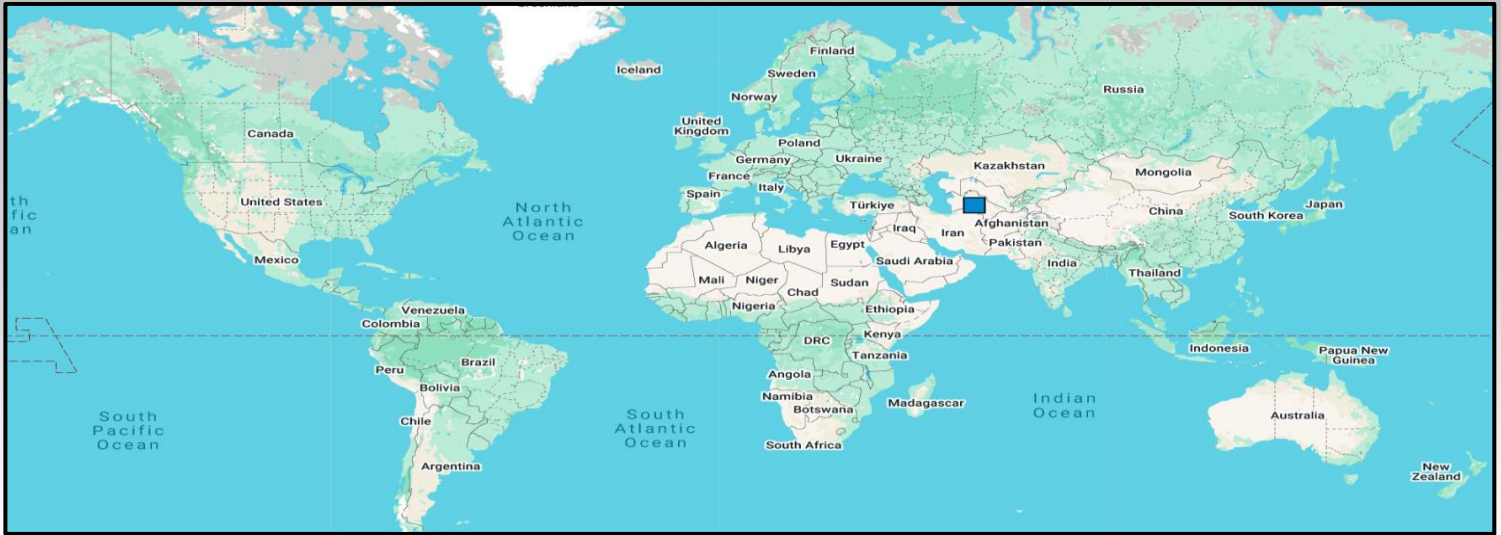
Highly Pathogenic Avian Influenza

◆ **Canada** has reported an outbreak of HPAI in commercial poultry in **Saskatchewan**

[Read More](#)



NEW EVENTS: (events rated > 2)



■ **Suspected FMD in Turkmenistan**

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

① Mass cattle deaths have been reported in Turkmenistan’s Turkmenkala and Yolöten areas, with livestock breeders describing an unknown disease, causing runny noses, lameness, inability to stand, and sudden death. Authorities have issued no public statements and state media remains silent. Veterinary experts suggest the most likely cause is FMD, or possibly pasteurellosis.

[Read More](#)

Avg. Rating	2.5
No. of Signal	1
No. of Ratings	4

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>Foot and Mouth Disease in Asia</u>	<u>No. of Signals: 06</u>	<u>No. of weeks in report: 19</u>	<u>Avg. Rating: 2.6 - 4.0</u>
<ul style="list-style-type: none"> News reports from China indicate that FMD SAT-1 has spread widely, affecting at least 12 provinces, including: Xinjiang, Gansu, Inner Mongolia, Liaoning, Jilin, Heilongjiang, Shandong, Shanxi, Ningxia, Hebei, Guizhou, and Anhui Cyprus has reported additional outbreaks of FMD SAT-1, bringing the total number of outbreaks to 70 across two regions (59 in Larnaca and 11 in Nicosia) 			
<u>Highly Pathogenic Avian Influenza in North America</u>	<u>No. of Signals: 06</u>	<u>No. of weeks in report: 212</u>	<u>Avg. Rating: 2.0 – 3.5</u>
<ul style="list-style-type: none"> Canada has reported an outbreak of HPAI in commercial poultry in Saskatchewan Over the last week, the USDA has reported outbreaks of HPAI in commercial poultry in: Arkansas(1) and South Dakota(1); in WOAHP poultry in: Indiana(1); and in WOAHP Non-poultry in: North Dakota(1) As of April 13, 2026, the USDA has reported influenza A(H5N1) in 1093 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(117), and California(773); five new outbreaks were reported in Idaho Scientists at Purdue University will be evaluating a novel antiviral fogging technology to combat HPAI, using hydrogenated catmint oil to directly target and inhibit the virus in poultry environments Mexico has reported HPAI H5N1 in a black vulture in Sonora Wastewater surveillance dashboards for influenza can be found at the CDC and Stanford University's WastewaterSCAN 			
<u>Bovine Tuberculosis in the United States</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 12</u>	<u>Avg. Rating: 2.8</u>
<ul style="list-style-type: none"> Michigan has reported bovine tuberculosis in two cattle herds from Alpena and Presque Isle counties; the cases were detected during annual whole-herd surveillance testing 			
<u>Rabies in Canada</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 10</u>	<u>Avg. Rating: 2.6</u>
<ul style="list-style-type: none"> Since January 1, 2026, 20 cases of raccoon rabies have been confirmed in Quebec, concentrated in Montérégie and Eastern Townships 			
<u>African Swine Fever in Europe</u>	<u>No. of Signals: 03</u>	<u>No. of weeks in report: 179</u>	<u>Avg. Rating: 2.0 - 2.5</u>
<ul style="list-style-type: none"> In Germany, ASF has reappeared in Saxony, ~ 2 months after the region was considered to be ASF-free 			
<u>Influenza A(H9N2) in Europe</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 02</u>	<u>Avg. Rating: 2.4</u>
<ul style="list-style-type: none"> Additional details have been released by the WHO on the imported case of influenza A(H9N2) in Italy; the case was an adult male returning from Senegal who also tested positive for <i>Mycobacterium tuberculosis</i> 			
<u>Highly Pathogenic Avian Influenza in Europe</u>	<u>No. of Signals: 04</u>	<u>No. of weeks in report: 269</u>	<u>Avg. Rating: 1.4 - 2.2</u>
<ul style="list-style-type: none"> Shortly after lifting mandatory housing measures for poultry, England has reported an outbreak of HPAI in domestic poultry in Lincolnshire Poland, Denmark, Italy, and Germany have also reported outbreaks of HPAI in domestic poultry Norway, the Czech Republic, Austria, and Poland have reported HPAI in wild birds A summary of the overall HPAI situation in Europe is available here 			
<u>Highly Pathogenic Avian Influenza in Asia</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 233</u>	<u>Avg. Rating: 2.0</u>
<ul style="list-style-type: none"> India has reported outbreaks of HPAI in domestic poultry Summary of Japan's 2025-2026 HPAI season 			
<u>Highly Pathogenic Avian Influenza in South America</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 113</u>	<u>Avg. Rating: 2.0</u>
<ul style="list-style-type: none"> Chile has reported additional cases of HPAI in wild birds 			

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Foot and Mouth Disease

- ◆ Emergence and Global Expansion of Foot-and-Mouth Disease Virus Serotype SAT1 [Read More](#)

Influenza

- ◆ Seasonal Infection and Antibody Response to Highly Pathogenic H5N1 Influenza A Virus in Ducks in the Mississippi and Central Flyways, United States [Read More](#)
- ◆ Partial culling and HPAI control in poultry: insights from Lower Saxony, Germany [Read More](#)
- ◆ Genomic analysis of high pathogenicity avian influenza viruses from Antarctica reveals multiple introductions from South America [Read More](#)
- ◆ Genetic and biological characterization of a duck-origin clade 2.3.4.4b H5N6 avian influenza virus reveals partial mammalian adaptation [Read More](#)
- ◆ Characterisation of immune responses targeting highly pathogenic avian influenza A(H5) viruses in health-care workers in the Netherlands: an observational, cross-sectional analysis [Read More](#)
- ◆ Pre-print: The emergence and molecular evolution of H5N1 influenza viruses in United States dairy cattle [Read More](#)
- ◆ Pre-print: Using an evolutionary epidemiological model of pandemics to estimate the infection fatality ratio for humans infected with avian influenza viruses [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Probable Japanese Encephalitis Virus Transmission through Organ Transplantation [Read More](#)
- ◆ Implications of a fatal anaphylactic reaction occurring 4 hours after eating beef in a young man with IgE antibodies to galactose- α -1,3-galactose [Read More](#)

Other

- ◆ New York Global Health Update Report – 04/09/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 14/04/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 4 - 10 April, week 15 [Read More](#)
- ◆ European Commission Animal Disease Information System – Weekly Outbreak Summary [Read More](#)
- ◆ SHIC Domestic Disease Monitoring Report – April 2026 [Read More](#)
- ◆ SHIC Global Disease Monitoring Report – April 2026 [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.