

WEEKLY INTELLIGENCE REPORT

June 2nd 2025 – June 8th 2025

SUMMARY: RELEVANT SIGNALS (includes all signals rated \geq 3.0)

No relevant signals to report this week

NEW EVENTS: (events rated > 2)

Peste des petits ruminants in Albania

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

① Albania has reported its first cases of PPR. Two outbreaks have been reported in goat farms in the north of the country. The second outbreak occurred in the District of Diber, ~82km away from the first outbreak and close to the border of North Macedonia. An investigation into the source of the infection is underway.

Avg. Rating	2.6
No. of Signal	1
No. of Ratings	5

Brucella suis in Austria

Pathogen: bacteria; Transmission: direct contact; Species affected in event: hare

① Austria has reported three cases of *Brucella suis* in wild European hares. *Brucella suis* infection has previously been reported in European hares, primarily in association with biovar 2, which is known to circulate in wild boar and hares in parts of Europe.

Avg. Rating2.2No. of Signal1No. of Ratings6



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CONTINUED EVENTS: (events rated \geq 2.4)

Highly Pathogenic Avian Influenza in North America	No. of Signals: 05	No. of weeks in report: 171	<u>Avg. Rating: 2.0 - 2.7</u>		
<u>Canada</u> has not reported any outbreaks of HPAI in domestic poultry over the past week					
• In the Northwest Territories, two birds in Yellowknife (a raven and a ring-billed gull) were reported positive for HPAI H5 (yet to be confirmed)					
• As of May 30, 2025, CFIA laboratories have tested 4003 samples of raw milk from trucks arriving at processing plants in all provinces across Canada; all					
samples have tested negative					
 Over the last week, the <u>USDA</u> reported one outbreak of HPAI in domestic poultry in Arizona 					
 As of June 9, 2025, the USDA has reported influenza A (H5N1) in 1073 dairy herds across 17 states; Wyoming(1), North Carolina(1), Ohio(1), 					
Oklahoma(2), Arizona(4), Kansas(4), South Dakota(7), Minnesota(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(29), Michigan(31),					
Colorado(64), Idaho(107), and California(767); the one recent outbreak was reported from California					
 Wastewater surveillance dashboards for influenza can be found at the <u>CDC</u> and Stanford University's <u>WastewaterSCAN</u> 					
Rabies in Canada (Nunavut)	No. of Signals: 01	No. of weeks in report: 06	Avg. Rating: 2.5		
• In Nunavut, a caribou in Coral Harbour, which died after reportedly attacking heavy equipment on April 9, 2025, tested positive for rabies					
Influenza A(H5N1) in Bangladesh	No. of Signals: 01	No. of weeks in report: 04	Avg. Rating: 2.5		
• The WHO has released additional details on the two human cases of influenza A(H5N1) clade 2.3.2.1a in Bangladesh; both cases were children from					
Khulna Division who recovered from the illness (samples collected in February and April 2025)					
Highly Pathogenic Avian Influenza in Europe	No. of Signals: 03	No. of weeks in report: 226	Avg. Rating: 2.0		
 <u>Poland</u> has reported an outbreak of HPAI H5N1 in domestic birds 					
 The <u>UK</u> has reported HPAI H5N1 in wild birds 					
 A summary of the overall HPAI situation in Europe is available <u>here</u> 					
Highly Pathogenic Avian Influenza in Asia	No. of Signals: 04	No. of weeks in report: 191	Avg. Rating: 2.0		
 India has identified migratory ducks at Ramgarh Lake, ~3km from the Gorakhpur zoo, as the source of HPAI at the zoo 					
 The <u>Philippines</u> and <u>Japan</u> have reported HPAI H5N1 in wild birds (samples from March/April 2025) 					
	amples from March/Ap	oril 2025)			
<u>Cambodia</u> has reported HPAI H5N1 in domestic poultry in Kampong	amples from March/Ap g Speu	pril 2025)			
<u>Cambodia</u> has reported HPAI H5N1 in domestic poultry in Kampong <u>Highly Pathogenic Avian Influenza in South America</u>	amples from March/Ap g Speu <u>No. of Signals: 05</u>	No. of weeks in report: 89	<u>Avg. Rating: 1.8 - 2.0</u>		
 <u>Cambodia</u> has reported HPAI H5N1 in domestic poultry in Kampong <u>Highly Pathogenic Avian Influenza in South America</u> Brazil has confirmed HPAI H5N1 at the <u>Brazilia Zoo</u>, and an addition 	samples from March/Ap g Speu <u>No. of Signals: 05</u> nal outbreak in subsister	No. of weeks in report: 89 nce poultry in the municipality of <u>Ca</u>	Avg. Rating: 1.8 - 2.0 Impinápolis, Mato Grosso		

In <u>Chile</u>, the 2023 outbreak of HPAI in southern elephant seals in the Tierra del Fuego region led to a 50% population decline, however, over the 2024 2025 breeding season, the colony's population recovered, with 33 pups being born



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SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Coronavirus

Subclinical and long-term effects of severe acute respiratory syndrome coronavirus 2 infection in Danish farmed mink: implications for disease surveillance

Influenza

- Avian influenza and use of the H5N1 vaccine to prevent zoonotic infection in Canada Read More
- Avian Influenza A(H5N1) Isolated from Dairy Farm Worker, Michigan, USA Read More
- Pre-print: The hemagglutinin proteins of clades 1 and 2.3.4.4b H5N1 highly pathogenic avian influenza viruses exhibit comparable attachment patterns to avian and mammalian tissues
 Read More
- Pre-print: Stability of influenza viruses in the milk of cows and sheep Read More
- Rapid risk assessment to address emerging concerns of HPAI in raw and pasteurized milk Read More
- Comparison of Methods for Extraction of Infectious Influenza Virus from Raw Milk Cheeses Read More
- H5N1 2.3.4.4b: a review of mammalian adaptations and risk of pandemic emergence Read More
- Immediate PB2-E627K amino acid substitution after single infection of highly pathogenic avian influenza H5N1 clade 2.3.4.4b in mice Read More
- 🚸 High pathogenicity avian influenza H5N1 clade 2.3.4.4b natural infection in captive Humboldt penguins (Spheniscus humboldti) Read More
- No indication of highly pathogenic avian influenza infections in Dutch cows Read More
- Genetic diversity of H9N2 avian influenza viruses in poultry across China and implications for zoonotic transmission Read More
- Characterization of emerging H3N3 avian influenza viruses in poultry in China Read More
- Quantifying the zoonotic risk profile of European influenza A viruses in swine from 2010 to 2020 inclusive Read Mare

Vectors and Vector-borne Diseases

Pre-print: Quantitative evaluation of dogs as sentinels for Rift Valley fever virus circulation in Madagascar Read More

Other

- The Hidden Threat: Rodent-Borne Viruses and Their Impact on Public Health Read More
- Sestimated Burden of Coccidioidomycosis Read More
- New York State Global Health Update Report 06/05/2025 Read More
- ECDC Communicable disease threats report, 31 May 5 June 2025, week 23 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 twentyone 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.