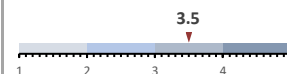


## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

### Newcastle Disease Virus

- ◆ **British Columbia** has reported a recurrence of Newcastle disease virus, the first cases since 1973, in two squab pigeon farms in **Chiliwack**; sequencing has identified it as virulent/velogenic pigeon paramyxovirus similar to those circulating in Eurasia

[Read More](#)



### Bovine Tuberculosis

- ◆ The CFIA has reported bovine TB in a 7-year-old dairy cow originating from the **Pembina Valley Region, Manitoba** that was slaughtered at a federally registered abattoir in **Manitoba**

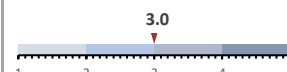
[Read More](#)



### Influenza A (H5N1)

- ◆ **Cambodia** has reported another human case of influenza A(H5N1), this time in a 65-year-old woman from **Takeo Province**, who was confirmed positive on May 12, 2025 and is currently receiving medical care; the patient had no reported contact with sick/dead poultry

[Read More](#)



### Asian Longhorned Tick (*haemaphysalis longicornis*)

- ◆ **Michigan** has reported its first detection of the ALHT in the state; two ALHT nymphs were found through routine tick surveillance in **Berrien County** and confirmed by the USDA NVSL as ALHT on June 11, 2025

[Read More](#)



## NEW EVENTS: (events rated $> 2$ )



### Newcastle disease virus in British Columbia

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

① The CFIA was notified on May 28, 2025 of a suspicion of avian paramyxovirus (APMV) in two squab pigeon farms with unusual mortality in Chilliwack, British Columbia. The NCFAD confirmed the virus as APMV-1, consistent with virulent/velogenic Newcastle disease viruses, with sequencing aligning it to strains circulating in Eurasia. The infected farms have been quarantined and movement controls implemented.

[Read More](#)

Avg. Rating	3.5
No. of Signal	1
No. of Ratings	4

### Bovine Tuberculosis in Manitoba

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

① The CFIA has launched an investigation into a case of bovine TB in an animal originating from the Pembina Valley Region of Manitoba that was slaughtered at a federally registered abattoir in Manitoba. On June 9, 2025, culture testing by the CFIA Ottawa Laboratory Fallowfield found *Mycobacterium tuberculosis* complex in tissues collected from a 7-year-old dairy cow at a federally registered slaughter facility in Manitoba. On June 13, 2025, the presence of *Mycobacterium bovis* (*M. bovis*) was confirmed. The CFIA identified a herd in Manitoba as the herd of origin of the infected animal, it has been placed under quarantine until testing and depopulation can be completed.

[Read More](#)

Avg. Rating	3.5
No. of Signal	1
No. of Ratings	4

## CONTINUED EVENTS: (events rated $\geq 2.4$ )

### **Influenza A(H5N1) in Cambodia**

**No. of Signals: 01**

**No. of weeks in report: 20**

**Avg. Rating: 3.0**

- [Cambodia](#) has reported another human case of influenza A(H5N1), this time in a 65-year-old woman from Takeo Province, who was confirmed positive on May 12, 2025 and is currently receiving medical care; the patient had no reported contact with sick/dead poultry

### **New World Screwworm in Central & North America**

**No. of Signals: 02**

**No. of weeks in report: 30**

**Avg. Rating: 2.0 - 2.5**

- [Mexico](#) has reported five additional human cases of NWS, bringing the total number of human cases to 13 (11 in Chiapas, 2 in Campeche)
- In Mexico, [Oaxaca](#) and [Veracruz](#) have reported additional cases of NWS in animals (cattle, horses, and dogs)
- [Mexico](#) has also conducted a simulation/training session with >100 veterinarians across six states in an effort to increase capacity and control the NWS
- [Honduras](#) has reported 64 human cases of NWS and >1500 cases in animals

### **Highly Pathogenic Avian Influenza in Europe**

**No. of Signals: 04**

**No. of weeks in report: 227**

**Avg. Rating: 2.0**

- [Norway](#) has reported HPAI H5N5 in a wild bird (mew gull)
- The [Netherlands](#) and the [UK](#) have reported HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

### **Highly Pathogenic Avian Influenza in Asia**

**No. of Signals: 02**

**No. of weeks in report: 192**

**Avg. Rating: 2.0**

- Japan has reported HPAI H5N1 in [wild sea otters](#) and [wild birds](#)

### **Highly Pathogenic Avian Influenza in North America**

**No. of Signals: 04**

**No. of weeks in report: 172**

**Avg. Rating: 1.3 - 2.0**

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- Over the last week, the [USDA](#) reported outbreaks of HPAI in WOA Non-poultry in: Arizona(1) and Idaho(1)
- As of June 16, 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); 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](#)

### **Highly Pathogenic Avian Influenza in South America**

**No. of Signals: 06**

**No. of weeks in report: 90**

**Avg. Rating: 1.5 - 2.0**

- [Peru](#) has reported multiple cases of HPAI H5 in backyard and wild birds from April/May 2025

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### African Swine Fever

- ♦ Strategic risk factor selection in disease risk mapping applied to the African swine fever outbreak in Sweden [Read More](#)
- ♦ First study to describe the prevalence and epidemiology of African swine fever, classical swine fever, porcine reproductive and respiratory syndrome and swine flu in Kazakhstan [Read More](#)

### Influenza

- ♦ Outcomes of experimental infection of calves with swine influenza H3N2 virus [Read More](#)
- ♦ The Seroprevalence of Influenza A Virus Infections in Polish Cats During a Feline H5N1 Influenza Outbreak in 2023 [Read More](#)
- ♦ Pre-print: Highly Pathogenic Avian Influenza A(H5N1) Caused Mass Death among Black-legged Kittiwakes (*Rissa tridactyla*) in Norway, 2023 [Read More](#)
- ♦ Public Health Ontario - Highly Pathogenic Avian Influenza: Infection Prevention and Control Guidance for Veterinary Clinics [Read More](#)
- ♦ Phylogenetic Analysis and Spread of HPAI H5N1 in Middle Eastern Countries Based on Hemagglutinin and Neuraminidase Gene Sequences [Read More](#)
- ♦ E627V mutation in PB2 protein promotes the mammalian adaptation of novel H10N3 avian influenza virus [Read More](#)
- ♦ Multiple introductions of equine influenza virus into the United Kingdom resulted in widespread outbreaks and lineage replacement [Read More](#)
- ♦ Pre-print: Avian Influenza in Ireland: A Spatiotemporal, Subtype, and Host-Based Analysis (1983-2024) [Read More](#)
- ♦ Progressive Adaptation of Subtype H6N1 Avian Influenza Virus in Taiwan Enhances Mammalian Infectivity, Pathogenicity, and Transmissibility [Read More](#)
- ♦ Evidence Suggesting Possible Exposure to Influenza A Virus in Neotropical Bats from Mexico [Read More](#)

### Mpox

- ♦ Pre-print: Clinical and epidemiological characteristics among probable and confirmed patients with mpox in Sierra Leone reported from January to May 2025 [Read More](#)

### Vectors and Vector-borne Diseases

- ♦ Asian Longhorned Ticks Discovered in Berrien County, Michigan [Read More](#)
- ♦ *Babesia microti* (Babesiidae, Piroplasmida) infection in a Chinese traveler returning from the United States of America [Read More](#)
- ♦ WHO - Risk Evaluation of Oropouche virus and its reassortants, 10 June 2025 [Read More](#)
- ♦ Mathematical modeling of lumpy skin disease: New perspectives and insights [Read More](#)

### Other

- ♦ Virome characterization of field-collected rodents in suburban city [Read More](#)
- ♦ The public health threat of emerging phenuiviruses [Read More](#)
- ♦ Unveiling Q fever in Latin America: beyond occupational risks to vulnerable populations and environmental transmission [Read More](#)
- ♦ Prevalence and genetic characterization of porcine circovirus type 2, 3 and 4 in the upper Northern region of Thailand [Read More](#)
- ♦ New York State - Global Health Update Report - 06/12/2025 [Read More](#)
- ♦ France - Weekly Bulletin for International Animal Health Surveillance 11/06/2025 [Read More](#)
- ♦ ECDC - Communicable disease threats report, 7 – 13 June 2025, week 24 [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.