

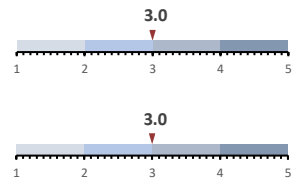
## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

### Highly Pathogenic Avian Influenza

- Over the last week, **Canada** has reported outbreaks of HPAI in commercial poultry in: **British Columbia(6)**, **Alberta(1)**, and **Quebec(1)**; in non-commercial poultry in: **British Columbia(1)**; and in non-commercial non-poultry in: **British Columbia(1)**
- Following the Supreme Court's decision to dismiss the appeal, the CFIA has culled the ostrich population on a farm in **Edgewood, British Columbia**

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[Read More](#)



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

No new events to report this week.

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

### Highly Pathogenic Avian Influenza in North America

**No. of Signals: 08**

**No. of weeks in report: 191**

**Avg. Rating: 2.0 - 3.0**

- Over the last week, [Canada](#) has reported outbreaks of HPAI in commercial poultry in: British Columbia(6), Alberta(1), and Quebec(1); in non-commercial poultry in: British Columbia(1); and in non-commercial non-poultry in: British Columbia(1)
- Following the Supreme Court's decision to dismiss the appeal, the [CFIA](#) has culled the ostrich population on a farm in Edgewood, British Columbia
- [British Columbia](#) has reported an outbreak of HPAI H5N1 in birds at the Critteraid animal sanctuary in Summerland
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Indiana(7) and Michigan(3); in WOAHP poultry in: Indiana(2), California(1) and Washington(1) ; and in WOAHP non-poultry in: Indiana(1), Illinois(1), Oregon(1), Virginia(1), Delaware(1) and California(1)
- As of November 11, 2025, the [USDA](#) has reported influenza A (H5N1) in 1082 dairy herds across 18 states; 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(772); 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](#)

### African Swine Fever in Asia

**No. of Signals: 10**

**No. of weeks in report: 138**

**Avg. Rating: 1.3 - 2.8**

- Taiwan has identified [unsterilized food waste](#) as the likely source of the ASF outbreak in Taichung; the virus was also identified to have [genetically similarity](#) of 99.95% to a Chinese strain and 99.92% similarity to a Vietnamese strain
- [Vietnam](#) and [India](#) continue to report cases of ASF in domestic swine

### Foot and Mouth Disease in Asia & North Africa

**No. of Signals: 02**

**No. of weeks in report: 10**

**Avg. Rating: 2.3 - 2.7**

- [Iran](#) has confirmed the detection of FMD SAT-1 topotype 3 (with reported rapid spread in Tehran province), and has begun work on developing a vaccine for the serotype
- [Egypt](#) has reported increasing cases of FMD in livestock, specifically in Lower Egypt and the Delta, along with low vaccine uptake from farmers

### Rabbit Hemorrhagic Disease Virus in Canada

**No. of Signals: 01**

**No. of weeks in report: 07**

**Avg. Rating: 2.7**

- RHDV is suspected as the cause of death of several wild rabbits recently found in Cedar, near Nanaimo, [British Columbia](#)

### Rabies in Canada

**No. of Signals: 01**

**No. of weeks in report: 09**

**Avg. Rating: 2.7**

- In [Quebec](#), the number of people receiving post exposure preventive treatment for rabies after being exposed to the virus has increased over the last two years; post-exposure treatment was administered to 476 people in 2025 (as of October 24), and 300 people in 2024, compared to an average of 148 people in the previous eight years

### Epizootic Hemorrhagic Disease in the United States

**No. of Signals: 01**

**No. of weeks in report: 11**

**Avg. Rating: 2.5**

- [Montana](#) is reporting an increase in deer deaths, thought to be due to EHD, in Mission Valley, as well as a possible increase in bear activity as they feed on the carcasses

### New World Screwworm in Central America & Mexico

**No. of Signals: 03**

**No. of weeks in report: 43**

**Avg. Rating: 2.0 - 2.4**

- [Beacon](#) has released a situation report on the NWS outbreak in Central America and Mexico, including information up to November 6, 2025
- Mexico has reported cases of NWS in animals in [Jalisco](#) (imported animal from Campeche) and [Guerrero](#)
- [Mexico](#) has reported 72 human cases of NWS infestation (Chiapas = 64, Campeche = 3, Yucatan = 4, Tabasco = 1)

### Histoplasmosis in Brazil

**No. of Signals: 02**

**No. of weeks in report: 02**

**Avg. Rating: 2.0 - 2.4**

- In [Brazil](#), histoplasmosis has been identified in 33 of the 141 cases investigated as part of the unknown respiratory diseases associated with the hospital in Vitória

### Highly Pathogenic Avian Influenza in Europe

**No. of Signals: 25**

**No. of weeks in report: 248**

**Avg. Rating: 2.0**

- [England](#), [Ireland](#), [Wales](#), [Poland](#), [Germany](#), [Italy](#), [Sweden](#), the [Czech Republic](#) and the [Netherlands](#) have reported outbreaks of HPAI in domestic poultry
- The [Netherlands](#), [Latvia](#), [Austria](#), [Romania](#), [Hungary](#), [Norway](#), [Italy](#), [Portugal](#), [Iceland](#), [Slovenia](#) and the [Isle of Man](#) have reported HPAI in wild birds
- The [Netherlands](#) have also reported HPAI in a zoo in Born
- A summary of the overall HPAI situation in Europe is available [here](#)

### Highly Pathogenic Avian Influenza in Asia

**No. of Signals: 05**

**No. of weeks in report: 212**

**Avg. Rating: 2.0**

- [Japan](#), [Taiwan](#), [Vietnam](#), and the [Philippines](#) have reported HPAI in domestic poultry

### Highly Pathogenic Avian Influenza in Africa

**No. of Signals: 02**

**No. of weeks in report: 89**

**Avg. Rating: 2.0**

- [South Africa](#) continues to report HPAI H5N1 in wild birds

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Coronavirus

- Transmission of SARS-CoV-2 between ferrets in presence of pre-existing immunity [Read More](#)

### Influenza

- Pre-print: Influenza A Virus detection in Bulk Tank and Pen Level Milk from Dairies Affected by Highly Pathogenic Avian Influenza H5N1 [Read More](#)
- Pre-print: Surveillance of migratory shorebirds and seabirds in 2024 in Australia reveals incursions of a diversity of low pathogenicity avian influenza viruses though not high pathogenicity avian influenza H5N1 [Read More](#)
- Zoonotic Implications of the Co-Circulation of Clade 2.3.4.4b and 2.3.2.1a H5N1 Avian Influenza Viruses in Nepal in 2023 [Read More](#)
- Viral protein mutations enabling mammalian adaptation in Avian Influenza A viruses: Strategies for zoonotic risk mitigation and future perspectives [Read More](#)
- Enhanced replication of a contemporary avian influenza A H9N2 virus in human respiratory organoids [Read More](#)
- Age-related serological response to H9N2 infection in southwest Tripoli, Libya [Read More](#)
- Assessment of biosecurity practices and risk factors for avian influenza outbreaks in commercial poultry farms in Bangladesh [Read More](#)
- An intranasal adjuvanted, recombinant influenza A/H5 vaccine primes against diverse H5N1 clades: a phase I trial [Read More](#)
- To what extent may the duck population be protected after vaccination against highly pathogenic avian influenza? Contributions from a modelling approach and French field data [Read More](#)

### Vectors and Vector Borne Diseases

- Various small mammal hosts are involved in the transmission cycle of zoonotic *Anaplasma phagocytophilum* in Southeastern Canada [Read More](#)
- Global invasion patterns and dynamics of disease vector mosquitoes [Read More](#)
- Blood donor West Nile virus screening identifies three autochthonous Usutu virus infections in Spain [Read More](#)
- Virome analysis and detection of ticks and tick-borne viruses in Shanghai, China [Read More](#)
- Engineered *Metarhizium* fungi produce longifolene to attract and kill mosquitoes [Read More](#)

### Other

- UK Risk assessment: sheep pox and goat pox to Great Britain from EU and EFTA member states [Read More](#)
- Enterovirus E infections in goats with respiratory disease [Read More](#)
- Seoul Virus Infection Acquired at Private Pet Rat Breeding Facility, Germany, 2024 [Read More](#)
- The first detection of swine orthopneumovirus in a pig farm in Sweden: a case report [Read More](#)
- New York Global Health Update Report - 11/06/2025 [Read More](#)
- France - Weekly Bulletin for International Animal Health Surveillance 12/11/2025 [Read More](#)
- ECDC - Communicable disease threats report, 1 - 7 November 2025, week 45 [Read More](#)
- European Commission Animal Disease Information System – Weekly Outbreak Summary [Read More](#)
- SHIC Domestic Disease Monitoring Report – November 2025 [Read More](#)
- SHIC Global Disease Monitoring Report – November 2025 [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.