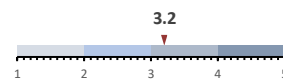


## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

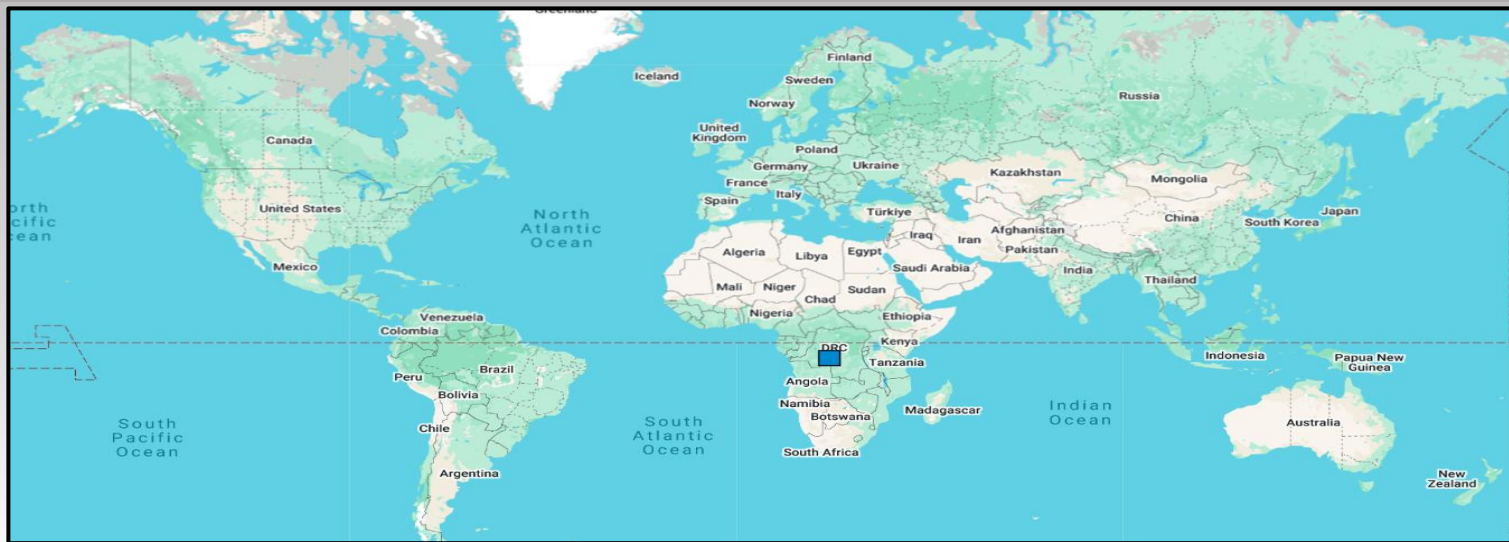
### Rocky Mountain Spotted Fever

- ◆ A man from **Prince Albert, Saskatchewan** has tested positive for RMSF; he believes he contracted the disease from a tick at **Emma Lake**

[Read More](#)



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



### ■ Ebola in the Democratic Republic of Congo

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

- ① Health authorities in the DRC have declared an outbreak of Ebola virus disease in Bulape and Mwaka health zones in Kasai Province. This is the 16th Ebola outbreak in the DRC since the virus was discovered there in 1976. As of September 8, 2025, there are 37 people with suspected Ebola and 15 deaths, including four health workers.

[Read More](#)

Avg. Rating	2.3 - 2.8
No. of Signal	3
No. of Ratings	4 - 6

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

### Rocky Mountain Spotted Fever in Canada

**No. of Signals: 01**

**No. of weeks in report: 04**

**Avg. Rating: 3.2**

- A man from Prince Albert, [Saskatchewan](#) has tested positive for RMSF, believed to have been acquired from a tick at Emma Lake; earlier this summer, cases of RMSF were also identified in a human in [Quebec](#) and in dogs near Long Point, [Ontario](#)

### New World Screwworm in Central & North America

**No. of Signals: 04**

**No. of weeks in report: 37**

**Avg. Rating: 2.0 - 2.8**

- [Illegal cattle smuggling](#) has been driving the expansion of the NWS in Central America and Mexico, with estimates from 2022 suggesting at least 800,000 cattle are illegally smuggled into Mexico each year from Central America, bypassing health inspections and government checkpoints
- [Mexico](#) has restricted cattle imports from Central America in seaports in the north of the country (Mazatlan, Sinaloa) to prevent the advance of the NWS
- [Mexico](#) has reported additional human cases of NWS myiasis - Chiapas (N= 42), Campeche (N=3), Yucatan (N=2), and Tabasco (N=1)
- [El Salvador](#) has reported its fifth human case of NWS myiasis

### Highly Pathogenic Avian Influenza in North America

**No. of Signals: 03**

**No. of weeks in report: 182**

**Avg. Rating: 2.2 - 2.7**

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- In British Columbia, the [Town of Oliver](#) has reported AI as the cause of death of birds found deceased in the area
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: South Dakota(2) and North Dakota(1); and in WOA non-poultry in: Georgia(1)
- As of September 8, 2025, the [USDA](#) has reported influenza A (H5N1) in 1079 dairy herds across 17 states; 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(107), and California(771); the one recent outbreak was reported in Texas
- The [FDA](#) has issued a warning to pet owners about specific lots of RAWR Raw Cat Food Chicken Eats after a cat that consumed the product became ill and was subsequently euthanized; both the cat and retail samples of the food (lots CCS 25 093 and CCS 25 077) tested positive for HPAI H5N1 genotype B3.13
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

### Rabies in the USA

**No. of Signals: 01**

**No. of weeks in report: 04**

**Avg. Rating: 2.6**

- Rabies is resurging across the [USA](#), with six human deaths reported in the past year, and the CDC tracking 15 outbreaks linked to wildlife in expanding urban areas

### Lyme Disease and Anaplasmosis in the USA

**No. of Signals: 01**

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

**Avg. Rating: 2.5**

- [California](#) has reported an ~three-fold increase in the number of dogs testing positive for anaplasmosis over the last five years

### Highly Pathogenic Avian Influenza in South America

**No. of Signals: 04**

**No. of weeks in report: 98**

**Avg. Rating: 2.0 - 2.5**

- [Argentina](#) and [Bolivia](#) have reported cases of HPAI H5 in domestic backyard poultry

### Eastern Equine Encephalitis in Canada

**No. of Signals: 02**

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

**Avg. Rating: 2.0 - 2.5**

- In Ontario, [Hamilton](#) has confirmed its first human case of EEE for 2025
- Two horses in [Ontario](#) have also recently tested positive for EEE, one in Halton and the other in Renfrew County

### Influenza A (H5) in Bangladesh

**No. of Signals: 01**

**No. of weeks in report: 06**

**Avg. Rating: 2.3**

- Throughout 2025, [Bangladesh](#) has reported four human cases of influenza A(H5), all in children between 1-8 years old

### Highly Pathogenic Avian Influenza in Africa

**No. of Signals: 02**

**No. of weeks in report: 85**

**Avg. Rating: 2.0**

- South Africa has reported HPAI H5N1 in [domestic poultry](#) and [wild birds](#)

### Highly Pathogenic Avian Influenza in Europe

**No. of Signals: 12**

**No. of weeks in report: 239**

**Avg. Rating: 1.8 - 2.0**

- [Portugal](#) and [Germany](#) have reported outbreaks of HPAI H5N1 in domestic poultry
- [Spain](#), [Norway](#), [France](#), and the [Netherlands](#) have reported HPAI in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

### Highly Pathogenic Avian Influenza in Asia

**No. of Signals: 06**

**No. of weeks in report: 204**

**Avg. Rating: 1.8 - 2.0**

- In [India](#), additional birds have tested positive for HPAI H5N1 at the Delhi Zoo

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Foot and Mouth Disease

- ◆ Molecular epidemiology of foot and mouth disease virus in Iran during 2019 and 2023 [Read More](#)

### Influenza

- ◆ CDC - Highly Pathogenic Avian Influenza A(H5N1) Virus Infection in a Child with No Known Exposure — San Francisco, California, December 2024–January 2025 [Read More](#)
- ◆ Poultry farm density and proximity drive highly pathogenic avian influenza spread [Read More](#)
- ◆ Investigating factors driving shifts in subtype dominance within H5Nx clade 2.3.4.4b high pathogenicity avian influenza viruses [Read More](#)
- ◆ Highly pathogenic avian influenza A (H5N1) virus outbreaks in South America in 2022–2024: a comprehensive review of an ongoing panzootic [Read More](#)
- ◆ Pre-print: Cross-reactive human antibody responses to H5N1 influenza virus neuraminidase are shaped by immune history [Read More](#)
- ◆ Fecal and Environmental Shedding of Influenza A Virus in Brazilian Swine: Genomic Evidence of Recent Human-to-Swine Transmission [Read More](#)
- ◆ Viral expansion after transfer is a primary driver of influenza A virus transmission bottlenecks [Read More](#)
- ◆ Preliminary Detection of Bats-associated Influenza A virus from Pakistan [Read More](#)
- ◆ UK DEFRA - Guidance for the management of people exposed to birds or other animals infected with influenza A(H5) [Read More](#)

### Vectors and Vector-borne Diseases

- ◆ PAHO - Epidemiological Alert Chikungunya and Oropouche in the Americas Region - 28 August 2025 [Read More](#)
- ◆ Pediatric Case Report and Overview of Autochthonous Tick-Borne Encephalitis, Belgium [Read More](#)
- ◆ Outbreak of autochthonous West Nile virus infection in Lazio region, Italy, July to August 2025: preliminary investigation separator [Read More](#)

### Other

- ◆ RESEARCH NOTE: Exploring the Competence of Various Poultry Species for Cache Valley virus Infection [Read More](#)
- ◆ Novel Henipavirus, Salt Gully Virus, Isolated from Pteropid Bats, Australia [Read More](#)
- ◆ Related Melioidosis Cases with Unknown Exposure Source, Georgia, USA, 1983–2024 [Read More](#)
- ◆ Chagas Disease, an Endemic Disease in the United States [Read More](#)
- ◆ Epidemiological and molecular retrospective analysis of porcine circovirus 3 in the US grower-finisher herd [Read More](#)
- ◆ New York Global Health Update Report - 09/04/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 09/09/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 30 August – 5 September 2025, week 36 [Read More](#)
- ◆ SHIC Domestic Disease Monitoring Report – September 2025 [Read More](#)
- ◆ SHIC Global Disease Monitoring Report – September 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.