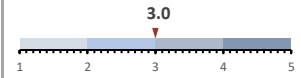


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Rocky Mountain Spotted Fever

- ◆ **Quebec** has confirmed its first case of RMSF, a bacterial infection transmitted by the American dog tick, in a resident of **Eastern Townships**

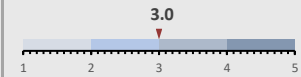
[Read More](#)



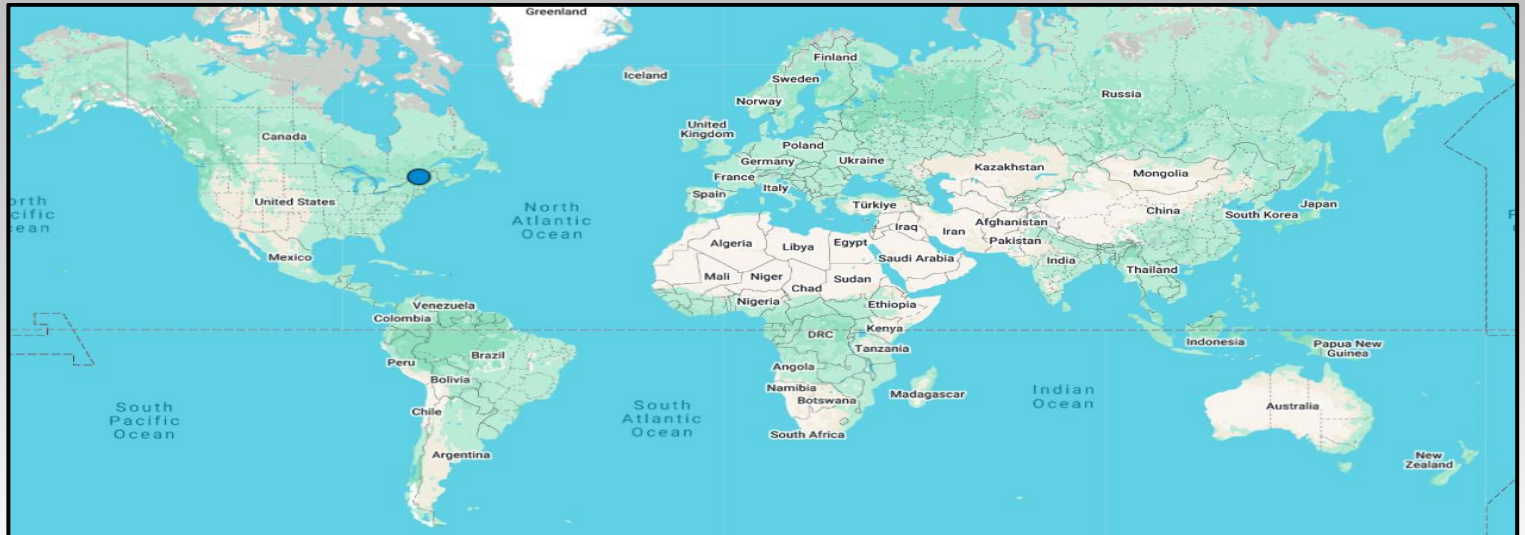
Malaria

- ◆ **New Jersey** has reported a case of malaria in a resident of **Morris County** with no international travel history; an investigation into potential sources of infection is underway, but it is possible the resident was infected with malaria in **New Jersey**

[Read More](#)



NEW EVENTS: (events rated > 2)



Rocky Mountain Spotted Fever in Quebec

Pathogen: bacteria; **Transmission:** vector; **Species affected in event:** human

① Quebec has confirmed its first case of RMSF in a resident of the Eastern Townships. RMSF is a bacterial infection that causes a high fever and a distinctive rash in humans. It is commonly reported in Mexico and the USA and is transmitted by the American dog tick (*Dermacentor variabilis*). However, recent cases have also been reported in Canada, in dogs in Long Point, Ontario.

[Read More](#)

Avg. Rating	3.0
No. of Signal	1
No. of Ratings	3

CONTINUED EVENTS: (events rated ≥ 2.4)

Malaria in the USA

No. of Signals: 01

No. of weeks in report: 07

Avg. Rating: 3.0

- [New Jersey](#) has reported a case of malaria in a resident of Morris County with no international travel history; an investigation into potential sources of infection is underway, but it is possible the resident was infected with malaria in New Jersey, which, if confirmed, would be the first known locally acquired case of malaria in New Jersey since 1991

Rabies in Canada

No. of Signals: 04

No. of weeks in report: 07

Avg. Rating: 2.0 - 2.8

- Since January 1, 2025, [Quebec](#) has confirmed 45 cases of racoon rabies (in Estrie and Montérégie), 7 cases of arctic fox rabies (in Nord-du-Québec and Montreal), and 1 case of bat rabies (in Montérégie)
- Ontario has recently reported rabies in bats in [Peel Region](#) and [Lambton County](#); a human case was also reported in a man in [Centre Wellington](#)
- More information on rabies cases in Canada is available [here](#)

Highly Pathogenic Avian Influenza in North America

No. of Signals: 01

No. of weeks in report: 179

Avg. Rating: 2.6

- In [Alberta](#), avian influenza has been identified as the cause of death for Canada Geese found on the shore of Jessie Lake within the Town of Bonnyville in July
- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the past week
- Over the past week, the [USDA](#) has reported an outbreak of HPAI in live bird sales in California
- As of August 18, 2025, the [USDA](#) has reported influenza A (H5N1) in 1078 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(29), [Michigan](#)(31), [Colorado](#)(64), Idaho(107), and California(771); no additional outbreaks were reported over the last two weeks
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Lumpy Skin Disease in Europe

No. of Signals: 03

No. of weeks in report: 09

Avg. Rating: 2.0 - 2.6

- [France](#) has reported additional outbreaks of LSD, bringing the total number of outbreaks to 75 across 40 farms, all within [Savoie and Haute-Savoie](#)
- [Italy](#) has reported a total of 54 outbreaks of LSD; 53 in Sardinia and 1 in Lombardy

New World Screwworm in Central & North America

No. of Signals: 03

No. of weeks in report: 34

Avg. Rating: 1.6 - 2.6

- In Mexico, [Yucatan](#) has reported 82 new cases of NWS in animals, bringing the total number of confirmed cases in 2025 to 212; going forward, new cases of NWS in Mexico will be reported in WAHIS in their six month reports
- [Belize](#) has confirmed its first human case of NWS in a 21-year-old farmer from Benque Viejo del Carmen, Cayo District
- The [USA](#) has announced further plans to combat the threat of the NWS, including: building a sterile fly production facility in Texas, investing in new innovative technologies (traps, lures, and therapeutics), and increasing border surveillance (patrol officers/[tick-riders](#))

Foot and Mouth Disease in Asia

No. of Signals: 02

No. of weeks in report: 09

Avg. Rating: 2.3 - 2.4

- [Turkish](#) authorities are warning about the spread of FMD in the country, particularly in the Thrace region which acts as a critical point in preventing disease entry into Europe; outbreaks appear to be spreading westward and close monitoring is required as even vaccinated animals are showing mild signs of the virus (multiple different FMD serotypes circulate in Türkiye: O, A, SAT-1, SAT-2)
- [India](#) has reported FMD [serotype O](#) in chital/spotted deer at a zoo in Pune in July 2025

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 03

No. of weeks in report: 236

Avg. Rating: 2.0 - 2.2

- Following an increase in cases of HPAI in poultry and captive birds, the [UK](#) has increased its risk of HPAI in poultry with sub-optimal biosecurity to medium
- [Spain](#) has reported HPAI H5N1 in wild birds
- [France](#) has reported HPAI H5 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in South America

No. of Signals: 01

No. of weeks in report: 96

Avg. Rating: 2.0

- [Argentina](#) has reported an outbreak of HPAI H5N1 in backyard poultry in Navarro, Buenos Aires

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 03

No. of weeks in report: 201

Avg. Rating: 1.6 - 2.0

- India has reported additional outbreaks of HPAI H5N1 in domestic poultry in [Uttar Pradesh](#) and [Uttarakhand](#)

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Foot and Mouth Disease

- ◆ WOA/FAO FMD Reference Lab Network Quarterly Report April-June (Q2) 2025 [Read More](#)

Influenza

- ◆ Immunopathogenesis of lethal H5N1 avian influenza virus clade 2.3.4.4b infection in macaques [Read More](#)
- ◆ Tracking HPAIV H5 through a geographic survey of Antarctic seabird populations [Read More](#)
- ◆ Pre-print: Quantifying H5N1 outbreak potential and control effectiveness in high-risk agricultural populations [Read More](#)
- ◆ Pre-print: Detection of antibodies specific to H5 avian influenza virus in a sheep in Norway, June 2024, eleven months after an outbreak of highly pathogenic avian influenza in a nearby seabird colony [Read More](#)
- ◆ Emerging threats of HPAI H5N1 clade 2.3.4.4b in swine: knowledge gaps and the imperative for a One Health approach [Read More](#)
- ◆ Companion animals and H5N1 highly pathogenic avian influenza: cause for concern? [Read More](#)
- ◆ Emerging threats of H5N1 clade 2.3.4.4b: cross-species transmission, pathogenesis, and pandemic risk [Read More](#)
- ◆ Decoding non-human mammalian adaptive signatures of 2.3.4.4b H5N1 to assess its human adaptive potential [Read More](#)
- ◆ Highly Pathogenic Avian Influenza A (H5N1) Infection in Bearded Vultures in Spain [Read More](#)
- ◆ The (digestive) path less traveled: influenza A virus and the gastrointestinal tract [Read More](#)
- ◆ Influenza infection of the mammary gland [Read More](#)
- ◆ Revealing Reassortment in Influenza A Viruses with TreeSort [Read More](#)

Vectors and Vector-borne Diseases

- ◆ Cross-continental hitchhiking of exotic ticks on human travelers and ensuing public health challenges in the USA [Read More](#)
- ◆ First isolation and identification of tembusu virus from naturally infected quails highlighting its cross-species transmission risk [Read More](#)
- ◆ Targeted next-generation sequencing reveals hemotropic mycoplasmas, Bartonella spp., and Babesia in shelter dogs from Texas, USA [Read More](#)
- ◆ Identification of Co-Circulating Dengue and South America–Origin Zika Viruses, Pakistan, 2021–2022 [Read More](#)

Other

- ◆ New World Screwworm Infestation in Wild Mountain Tapirs, Central Andes Mountains, Colombia [Read More](#)
- ◆ Detection of Rat Lungworms in Invasive Mollusks, Georgia, USA, 2024 [Read More](#)
- ◆ New York Global Health Update Report - 08/14/2025 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 19/08/2025 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 9 - 15 August 2025, week 33 [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.