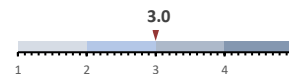


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

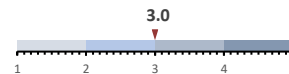
Highly Pathogenic Avian Influenza

- ◆ **New Zealand** has reported its first cases of HPAI H5; two cases have been confirmed so far, the first being a brown skua seabird found on **Petone Beach** and the other, a kāhu (swamp harrier hawk) found near **Carterton**
- ◆ As of July 21, 2026, **Australia** has confirmed 17 detections of HPAI H5 in wild birds: ten in **Western Australia**, five in **South Australia**, and two in **New South Wales**

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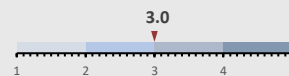
[Read More](#)



Anaplasmosis

- ◆ Journal article: Tick-borne anaplasmosis and myocarditis in eastern **Ontario**
 - Anaplasmosis, caused by *Anaplasma phagocytophilum*, is the second most common tick-borne disease in humans in **Canada**, with rapidly rising incidence owing to the expanding geographic distribution of *Ixodes scapularis*
 - The paper describes a case study of a 79-year-old man from rural **eastern Ontario**
- ◆ As of July 12, 2026 there have been 89 cases of anaplasmosis in **Ontario**, compared to 651 cases of Lyme disease and one case of Powassan virus disease

[Read More](#)



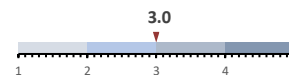
[Read More](#)



Porcine parvovirus

- ◆ Pre-print: Emerging parvovirus associated with an outbreak in **Dutch** pig farms also detected in pigs and wildlife in **Denmark**
 - The emerging porcine parvovirus detected in **Denmark** is closely related to viruses associated with a large outbreak affecting more than 80 pig herds in the **Netherlands**
 - The virus has also been detected in red foxes in **Denmark**, the **Netherlands**, and **Croatia**, with greater genetic diversity in fox viruses suggesting wildlife may act as a reservoir

[Read More](#)



Ebola virus (Bundibugyo)

- ◆ As of July 19, 2026, the **Democratic Republic of the Congo** has reported a total of 2344 confirmed cases of EVD, including 930 related deaths; recent reports indicate that it has become the fastest-growing EBV outbreak on record, with the majority (80%) of new cases linked to unknown chains of transmission

[Read More](#)



NEW EVENTS: (events rated > 2)



Highly Pathogenic Avian Influenza H5 in New Zealand

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

① New Zealand has confirmed two detections of HPAI H5 in wild birds, including a brown skua found on Petone Beach and a kāhu (swamp harrier hawk) found near Carterton. While there is currently no evidence of wider spread among New Zealand wildlife, authorities are strengthening preparedness and response efforts. Over the past 12 months, surveillance and monitoring programs have tested more than 2,500 wild birds and 12,500 commercial poultry for avian influenza. In addition, a vaccination program is underway for 300 core breeding birds from five of New Zealand's most threatened bird species, including: kākākāpō, takahē, shore plover, black stilt, and orange-fronted parakeet.

[Read More](#)

Avg. Rating	3.0
No. of Signals	2
No. of Ratings	4 - 5

CONTINUED EVENTS: (events rated ≥ 2.4)

Anaplasmosis in Canada

No. of Signals: 02

No. of weeks in report: 04

Avg. Rating: 3.0

- As of July 12, 2026 there have been 89 cases of anaplasmosis in [Ontario](#), compared to 651 cases of Lyme disease and one case of Powassan virus disease
- Anaplasmosis, caused by *Anaplasma phagocytophilum*, is the second most common tick-borne disease in humans in [Canada](#), with rapidly rising incidence owing to the expanding geographic distribution of *Ixodes scapularis*

Highly Pathogenic Avian Influenza in Australia

No. of Signals: 03

No. of weeks in report: 05

Avg. Rating: 2.3 - 3.0

- As of July 21, 2026, [Australia](#) has confirmed 17 detections of HPAI H5 in wild birds: ten in Western Australia, five in South Australia, and two in New South Wales

Ebola Bundibugyo virus in Eastern Africa (DRC, Uganda)

No. of Signals: 05

No. of weeks in report: 08

Avg. Rating: 2.0 - 3.0

- As of July 19, 2026, the [Democratic Republic of the Congo](#) has reported a total of 2344 confirmed cases of EVD, including 930 related deaths; [recent reports](#) indicate that it has become the fastest-growing EBV outbreak on record, with the majority (80%) of new cases linked to unknown chains of transmission
- [Uganda](#) has reported no new confirmed cases since June 21, 2026 and has entered its 42-day countdown to declaring the end of the outbreak

Highly Pathogenic Avian Influenza in North America

No. of Signals: 03

No. of weeks in report: 226

Avg. Rating: 2.0 - 2.6

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the last week
- Over the last week, the [USDA](#) has reported an outbreak of HPAI in commercial poultry in: Utah(1)
- As of July 20, 2026, the [USDA](#) has reported influenza A(H5N1) in 1166 dairy herds across 19 states: Wisconsin(1), 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(27), [Michigan](#)(31), Texas(34), [Colorado](#)(64), Idaho(173), and California(773); five new outbreaks were reported over the last week from Idaho(1) and Utah(4)
- [Honduras](#) has reported HPAI (strain pending) in backyard poultry in Santa Bárbara
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Newcastle Disease Virus in Europe

No. of Signals: 01

No. of weeks in report: 12

Avg. Rating: 2.5

- [Spain](#) has reported further spread of NDV into three new regions (Salamanca, Segovia, and Avila) all concentrated around Valladolid, with five outbreaks reported in broiler farms

New World Screwworm in the United States

No. of Signals: 08

No. of weeks in report: 07

Avg. Rating: 1.8 - 2.5

- As of July 20, 2026, the [USDA](#) has confirmed a total of 41 cases of NWS myiasis in two states: Texas(40) and New Mexico(1); over the last week, Texas has reported six new cases of NWS myiasis in sheep(3), cattle(2) and a dog(1) across five counties (Pecos, Sutton, Star, Brewster, and Schleicher)
- The [FDA](#) has issued an Emergency Use Authorization for ivermectin liquid for horses (ivermectin oral solution) for the short-term prevention of NWS infestations
- The [University of Wisconsin](#) has issued some resources regarding the prevention and management of NWS in shelter and rescue dogs and cats
- [Canada](#) has imposed import restrictions on certain live animals from Texas following the detection of NWS in the U.S.; Canada has suspended imports of equids, swine, bovines, caprines, cervids, and camelids originating from Texas, while animals from other U.S. states remain eligible provided they have not resided in or transited through Texas during the 21 days prior to export - and export certificates must also include additional NWS-related attestations

Vesicular Stomatitis in the United States

No. of Signals: 01

No. of weeks in report: 24

Avg. Rating: 2.4

- The [USDA](#) has confirmed two new VSV positive equine premises in newly affected counties in Colorado (1 in Archuleta County and 1 in La Plata County) and one new VSV-presumptive positive equine premises in Valencia County, New Mexico

New World Screwworm in Central America & Mexico

No. of Signals: 04

No. of weeks in report: 68

Avg. Rating: 1.8 - 2.4

- As of July 20, 2026, [Mexico](#) has reported 34,338 cumulative cases of the NWS infestations in animals, across 28 states/regions
- [Chihuahua](#) has reported its first case of NWS infestation to a calf in the municipality of Hidalgo del Parral
- [Mexico](#) has reported 391 human cases of NWS infestation so far in 2026
- [Honduras](#) has reported >5,500 accumulated animal cases of NWS infestation since the first outbreaks began to be reported; however, the number of cases could be higher, as many producers have begun to apply treatments without reporting all incidents to the health authorities

Highly Pathogenic Avian Influenza in South America

No. of Signals: 02

No. of weeks in report: 122

Avg. Rating: 2.2

- [Peru](#) has reported an outbreak of HPAI H5N1 in domestic poultry (ducks) in Lima
- [Brazil](#) has reported an outbreak of HPAI H5N1 in backyard birds in Rio Grande do Sul

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 02

No. of weeks in report: 97

Avg. Rating: 2.0

- [Senegal](#) and [Togo](#) have reported outbreaks of HPAI H5N1 in domestic poultry

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

African Swine Fever

- ◆ Range Modeling and Surveillance of *Ornithodoros turicata* Ticks: Implications for Detecting African Swine Fever Virus in the United States [Read More](#)

Coronavirus

- ◆ Pre-print: Clade 2.3.4.4b H5N1 influenza virus and SARS-CoV-2 seroprevalence among owned and feral cats in Philadelphia and surrounding communities [Read More](#)
- ◆ Serological evidence of SARS-CoV-2 exposure in marine mammals in the United States between 2020 and 2025 [Read More](#)

Foot and Mouth Disease

- ◆ Preliminary molecular characterization of foot-and-mouth disease virus SAT-1 topotype III associated with recent cattle outbreaks in Syria [Read More](#)
- ◆ Environmental Sampling Using Shoe Booties for the Detection of Foot and Mouth Disease Virus in Animal Pens [Read More](#)
- ◆ FAO - Rapid economic impact assessment of foot-and-mouth disease virus serotype SAT1 spread in Asia and the Pacific [Read More](#)

Influenza

- ◆ Rapid Expansion of Highly Pathogenic Avian Influenza A(H5N1) Clade 2.3.4.4b Genotype D1.1 Virus across Flyway Regions, North America, Fall 2024 [Read More](#)
- ◆ Detection of Highly Pathogenic Avian Influenza A(H5N1) Clade 2.3.4.4b Genotype D1.2 Virus in Swine after Experimental Inoculation [Read More](#)
- ◆ Pre-print: Bovine-derived H5N1 influenza virus efficiently infects lactating swine via the mammary gland [Read More](#)
- ◆ Pre-print: Highly Pathogenic Avian Influenza H5N5 in a Polar Bear and Atlantic Walrus, Svalbard, 2026, with Widespread Seroconversion in Polar Bears [Read More](#)
- ◆ High pathogenicity avian influenza A (H5N1) viruses isolated from poultry and wild birds in Japan during the 2024–2025 season [Read More](#)
- ◆ Biosecurity deficiencies in HPAI-affected poultry farms in Korea, 2020/2021–2024/2025 seasons [Read More](#)
- ◆ Severe pneumonia and acute respiratory distress syndrome caused by avian influenza A (H10N3) in a young female: a case report [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Tick-borne anaplasmosis and myocarditis in eastern Ontario [Read More](#)
- ◆ Comparison of multiple antigens for use in indirect ELISAs for detection of anti-capripoxvirus antibodies in sheep, goats, and cattle [Read More](#)

New World Screwworm

- ◆ Comparative assessment of different traps performance for capturing the New World screwworm fly [Read More](#)
- ◆ Research: Symbiosis marks innovative front in battle to control New World screwworm [Read More](#)

Other

- ◆ Pre-print: Emerging parvovirus associated with an outbreak in Dutch pig farms also detected in pigs and wildlife in Denmark [Read More](#)
- ◆ Pre-print: Quantifying the heterogeneity and determinants of Ebola Zaïre transmission during the 10th outbreak in DRC, 2018 – 2020 [Read More](#)
- ◆ Serologic Evidence of Hantavirus Exposure in Humans, Italy, 2004–2018 [Read More](#)
- ◆ New York Global Health Update Report - 07/16/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 21/07/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 13-17 July, week 29 [Read More](#)
- ◆ European Commission Animal Disease Information System – Weekly Outbreak Summary [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.