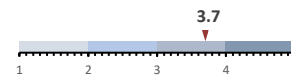


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

White Nose Syndrome

- ◆ The **Northwest Territories** have confirmed their first case of WNS and the fungus that causes the disease (*Pseudogymnoascus destructans*) in the **Fort Smith** area as part of ongoing bat monitoring; this is the northernmost detection of the disease in North America

[Read More](#)



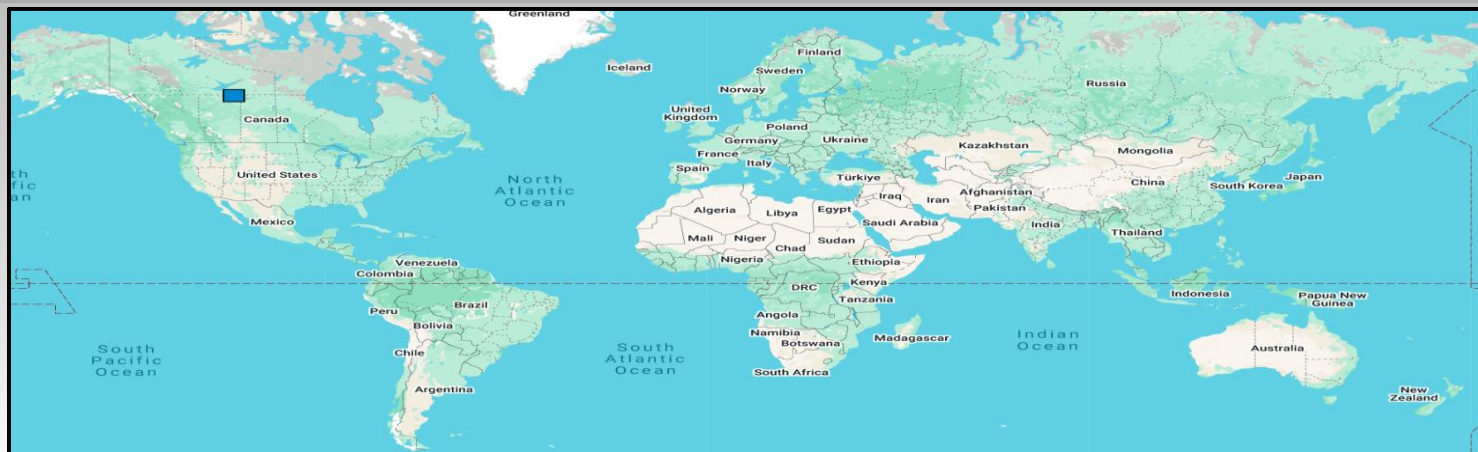
Highly Pathogenic Avian Influenza

- ◆ As of July 28, 2026, **Australia** has confirmed 27 detections of HPAI H5 in wild birds: 10 in **Western Australia**, 14 in **South Australia**, 2 in **New South Wales**, and 1 in **Queensland**

[Read More](#)



NEW EVENTS: (events rated > 2)



White Nose Syndrome in the Northwest Territories

Pathogen: fungus; **Transmission:** direct contact; **Species affected in event:** bat

- ① The Government of the Northwest Territories has confirmed the first case of white-nose syndrome and the fungus that causes the disease (*Pseudogymnoascus destructans*) in the Fort Smith area as part of ongoing bat monitoring. It was detected in a Northern myotis bat (*Myotis septentrionalis*). This is the northernmost detection of the disease in North America.

[Read More](#)

Avg. Rating	3.7
No. of Signals	1
No. of Ratings	3

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in Oceania

No. of Signals: 05

No. of weeks in report: 06

Avg. Rating: 3.0

- As of July 28, 2026, [Australia](#) has confirmed 27 detections of HPAI H5 in wild birds: 10 in Western Australia, 14 in South Australia, 2 in New South Wales, and 1 in Queensland
- [New Zealand](#) has not reported any additional detections of HPAI over the last week

Highly Pathogenic Avian Influenza in North America

No. of Signals: 02

No. of weeks in report: 227

Avg. Rating: 2.0 - 2.6

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the last week
- The [USDA](#) has not reported any outbreaks of HPAI in domestic poultry over the last week
- As of July 27, 2026, the [USDA](#) has reported influenza A(H5N1) in 1167 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(28), [Michigan](#)(31), Texas(34), [Colorado](#)(64), Idaho(173), and California(773); one new outbreak was reported over the last week from Utah(1)
- [Mexico](#) has reported cases of HPAI H7N3 in backyard birds (from April 2026) in Jalisco and in a wild bird found in the vicinity of the ZooMAT in Chiapas (where cases had previously been reported in zoo birds)
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

New World Screwworm in Central America & Mexico

No. of Signals: 04

No. of weeks in report: 69

Avg. Rating: 2.0 - 2.6

- As of July 25, 2026, [Mexico](#) has reported 35,142 cumulative cases of the NWS infestations in animals, across 29 states/regions; additional NWS cases have been detected in Chihuahua and Sinaloa following the recent confirmation of their first cases
- Scientists are preparing to initiate the first field trials in [Panama](#) of NovoFly, a genetically modified screwworm strain engineered to produce only male offspring
- Between February 2024 and February 2026, [Costa Rica](#) reported 31,324 NWS cases and responded with enhanced surveillance, inspections, movement controls, outreach, and sterile-fly releases

New World Screwworm in the United States

No. of Signals: 08

No. of weeks in report: 08

Avg. Rating: 2.0 - 2.6

- As of July 27, 2026, the [USDA](#) has confirmed a total of 42 cases of NWS myiasis in two states: Texas(41) and New Mexico(1); over the last week, Texas has reported one new case of NWS myiasis in a goat(1) in one county (Sutton)
- [NWS state transport restrictions](#) are impacting the movement of animals in [crowded shelters](#)
- [Scientists](#) are exploring volatile organic compound-based lures/traps to improve NWS detection and reduce non-target captures in traps

African Swine Fever in Europe

No. of Signals: 03

No. of weeks in report: 188

Avg. Rating: 2.0 - 2.4

- [Serbia](#), [Croatia](#), [Bosnia and Herzegovina](#), and [Romania](#) have reported outbreaks of ASF in domestic swine
- [Eleven countries](#) have also reported cases of ASF in wild boar

Vesicular Stomatitis in the United States

No. of Signals: 01

No. of weeks in report: 25

Avg. Rating: 2.4

- The [USDA](#) has reported two new VSV presumptive positive equine premises have been quarantined, one in Archuleta County and one in Montezuma County, Colorado

West Nile Virus in Canada

No. of Signals: 01

No. of weeks in report: 19

Avg. Rating: 2.4

- Several public health units in southern [Ontario](#) have recently reported mosquitoes testing positive for WNV; no human cases have been reported in Ontario so far in 2026

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 02

No. of weeks in report: 281

Avg. Rating: 2.0

- The [Netherlands](#), [Germany](#), [Poland](#), and [Denmark](#) have reported cases of 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: 02

No. of weeks in report: 246

Avg. Rating: 2.0

- [Vietnam](#) has reported outbreaks of HPAI in domestic poultry
- [Indonesia](#) has reported 11 outbreaks of HPAI H5N1 in domestic poultry during the first six months of 2026

Highly Pathogenic Avian Influenza in South America

No. of Signals: 02

No. of weeks in report: 123

Avg. Rating: 2.0

- [Ecuador](#) has reported HPAI H5N1 in a wild bird (Peruvian pelican)

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Influenza

- ◆ Pre-print: A lethal human H5N5 influenza virus isolate exhibits low pandemic risk traits [Read More](#)
- ◆ Pre-print: Within- and between-host dynamics of highly pathogenic avian influenza in domestic birds from Pennsylvania farms and live bird markets [Read More](#)
- ◆ Evolving dynamics of H5Nx avian influenza in China revealed by long-term wild bird surveillance [Read More](#)
- ◆ Serological Surveillance of Avian Influenza Virus Exposure Using Paired Sera Among Occupational Contacts in Taiwan, January–September 2025 [Read More](#)
- ◆ China CDC - First Human Infection with Influenza A(H1N2)v Virus — Yunnan Province, China, 2026 [Read More](#)

Vectors and Vector Borne Diseases

- ◆ CRISPR-Cas9 mediated knockout of the white gene in the bluetongue virus vector, *Culicoides sonorensis* (biting midge) [Read More](#)

New World Screwworm

- ◆ Biological reinvasion of *Cochliomyia hominivorax* (Diptera: Calliphoridae) in Mexico: impacts and risks under different climate change scenarios [Read More](#)
- ◆ Landscape genetics of *Cochliomyia hominivorax* (Diptera: Calliphoridae): predicting dispersal pathways and expansion potential after reintroduction [Read More](#)
- ◆ New World screwworm: a re-emerging parasitic threat [Read More](#)

Other

- ◆ PRRS: Ongoing evolution of variant 1C.2, creation of variant 1C.2.45 [Read More](#)
- ◆ WOA Statement: Rabies detected in Cape fur seals highlights an unprecedented shift in rabies ecology [Read More](#)
- ◆ Foresight scanning of wildlife health: Emerging risks, surveillance needs, and capability shifts for preparedness [Read More](#)
- ◆ Neurological Manifestations of Hantavirus Infection: A Review [Read More](#)
- ◆ New York Global Health Update Report - 07/23/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 28/07/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 18-24 July, week 30 [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.