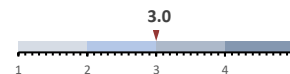


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

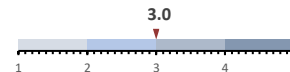
Highly Pathogenic Avian Influenza

- As of August 17, 2026, **Australia** has confirmed 251 events of HPAI H5 in wild birds: 10 in **Western Australia**, 169 in **South Australia**, 4 in **New South Wales**, 1 in **Queensland**, 62 in **Victoria**, and 5 in **Tasmania**
- In **Australia**, a **Phillip Island** penguin has died from HPAI H5, days after the government pledged to vaccinate 5000 of the 37 000 at-risk population

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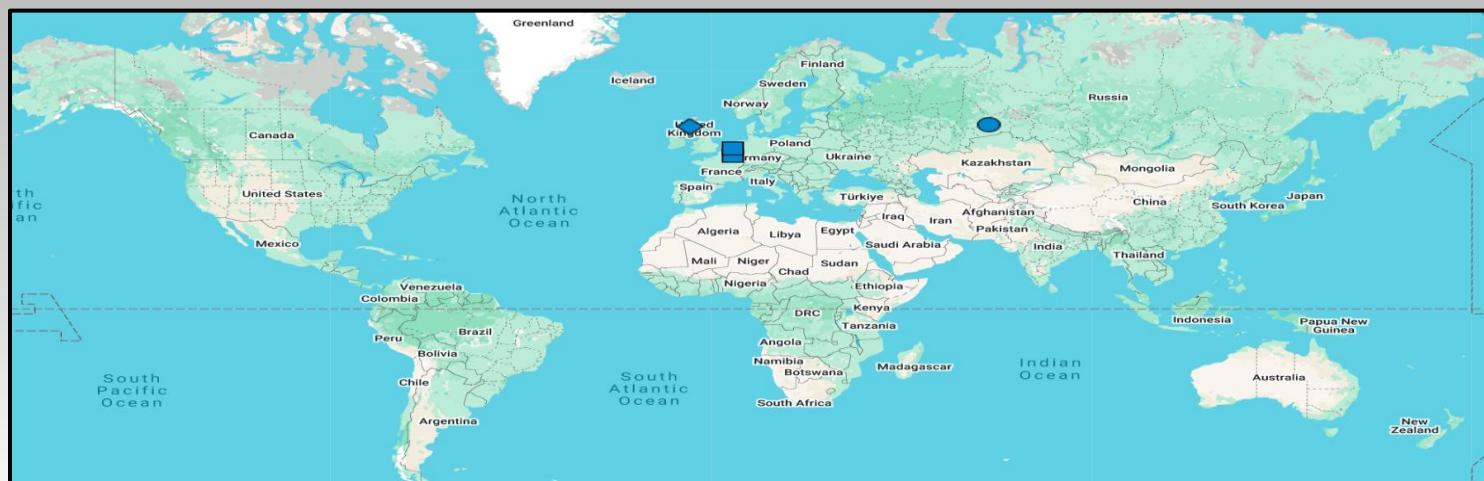
Shamonda-like virus

- The novel “Shamonda-like” orthobunyavirus has also been reported in the **Netherlands** and is suspected in **Belgium**. In the **Netherlands**, laboratory testing detected the virus in one or more cattle on four farms experiencing fever, diarrhea, and reduced milk production; samples have been submitted to the Friedrich-Loeffler-Institut (Germany) for confirmatory testing. In **Belgium**, a suspected case has been reported in a cow in **West Flanders**, with confirmation still pending.

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NEW EVENTS: (events rated > 2)



Shamonda-like virus in the Netherlands and Belgium

Pathogen: virus; **Transmission:** vector; **Species affected in event:** cattle

① The novel “Shamonda-like” orthobunyavirus has been reported in the Netherlands and is suspected in Belgium. In the Netherlands, laboratory testing detected the virus in one or more cattle on four farms experiencing fever, diarrhea, and reduced milk production. Genetic analyses identified the virus as a Shamonda-like virus, and samples have been submitted to the Friedrich-Loeffler-Institut (Germany) for confirmatory testing. In [Belgium](#), a suspected case has been reported in a cow in West Flanders, with confirmation still pending.

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

Bluetongue virus serotype 3 in Scotland

Pathogen: virus; **Transmission:** vector; **Species affected in event:** sheep, cattle

① Scotland has confirmed a case of BT-3 in cattle, on a farm in Dumfries and Galloway. The case follows the first detections in one lamb and three sheep on three nearby farms last week, bringing the total number of affected farms in the area to four. Authorities believe the virus was likely introduced via infected windborne midges from affected regions in the UK. More than 100 animals have been tested locally, with all other results negative so far.

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Avg. Rating	2.7
No. of Signals	1
No. of Ratings	7

Unknown pig disease (suspected ASF) in Tyumen, Russia

Pathogen: unknown; **Transmission:** unknown; **Species affected in event:** swine

① Authorities in the Tyumen region have begun culling pigs from private household farms in response to a disease outbreak. While regional veterinary officials have not publicly identified the disease, local reports suggest it is suspected of being ASF. The first cases were reportedly detected in the village of Skarednaya in early August, and control measures have since been extended to Golyshmanovo, Abatskoye, Omutinskoye, and other affected localities.

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Avg. Rating	2.1 - 2.3
No. of Signals	2
No. of Ratings	7

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in Oceania

No. of Signals: 09

No. of weeks in report: 09

Avg. Rating: 2.0 - 3.0

- As of August 17, 2026, [Australia](#) has confirmed 251 events of HPAI H5 in wild birds: 10 in Western Australia, 169 in South Australia, 4 in New South Wales, 1 in Queensland, 62 in Victoria, and 5 in Tasmania
- [Australia](#) detected HPAI H5 in a brown skua and greater crested tern in [Tasmania](#), its first positive detections in wild birds; this is causing concern about the risks posed to endangered species, including the Tasmanian devil and the migratory orange-bellied parrot
- [Australia](#) will be rolling out a vaccination program to target its most vulnerable native birds, including native species and birds in captivity
- In [Australia](#), a Phillip Island penguin tested positive for HPAI H5N1; 5000 of the state's 37,000 penguins will receive a two-dose vaccination and be chipped and monitored
- The Commonwealth Scientific and Industrial Research Organisation in [Australia](#) is watching for genetic changes and reassortment with Australian AI viruses that could result in "extinction-level impact" of vulnerable species if H5N1 takes hold
- [New Zealand](#) has not reported any additional detections of HPAI over the last week

Rabies in Canada

No. of Signals: 01

No. of weeks in report: 16

Avg. Rating: 2.9

- [Quebec](#) has confirmed a second cat with raccoon-strain rabies in the [Montréal](#) region, the same region the first case of raccoon rabies in a cat was identified in July

African Swine Fever in Europe

No. of Signals: 10

No. of weeks in report: 190

Avg. Rating: 2.0 - 2.9

- [Finland](#) has reported additional detections of ASF in wild boar in the Virolahti region, bringing the total number of cases to 19
- [Romania](#), [Moldova](#), [Bosnia and Herzegovina](#), [Bulgaria](#), [Hungary](#), and [Poland](#) have reported outbreaks of ASF in domestic swine
- [Italy](#), [Poland](#), [Hungary](#), [Latvia](#), [France](#), [Germany](#), [Bulgaria](#), [Lithuania](#), [Romania](#), [Slovakia](#), [Spain](#), [Croatia](#), and [Moldova](#) have reported additional cases of ASF in wild boar

Lyme Disease and Anaplasmosis in Canada

No. of Signals: 01

No. of weeks in report: 08

Avg. Rating: 2.7

- So far this year, [New Brunswick](#) has reported 53 cases of Lyme disease and 10 cases of anaplasmosis; last year, the province reported 212 cases of Lyme disease (24.2 cases per 100,000 population) and six cases of anaplasmosis

New World Screwworm in Mexico

No. of Signals: 04

No. of weeks in report: 72

Avg. Rating: 2.0 - 2.7

- As of August 15, 2026, [Mexico](#) has reported 38,382 cumulative cases of the NWS infestations in animals, across 29 states/regions
- Chihuahua continues to report additional cases of NWS, with recent detections in [Matachi](#) and [Samalayuca](#) (close to the border of Texas and New Mexico)
- Senasica recently released ~15 million sterile flies across seven municipalities in [Chihuahua](#) in an effort to eradicate the NWS
- [Mexico](#) has reported 470 human cases of NWS infestation so far in 2026

Shamonda-like Orthobunyavirus in Europe

No. of Signals: 04

No. of weeks in report: 03

Avg. Rating: 2.0 - 2.7

- [France](#) has reported additional detections of the Shamond-like virus, with a first report in Manche (further north than all the previous outbreaks concentrated around the borders of Germany and Switzerland)
- According to the latest [ESA report](#), the virus was identified via RT-PCR in 13 departments of France (Ain, Ardennes, Calvados, Cantal, Côte-d'Or, Doubs, Jura, Haute-Loire, Puy-de-Dôme, Bas-Rhin, Haut-Rhin, Savoie, and Haute-Savoie)
- [Germany](#) has reported additional detections of the Shamonda-like virus, with confirmed cases in cattle in the states of Rhineland-Palatinate and Hesse

Ebola Bundibugyo virus in Eastern Africa (DRC)

No. of Signals: 04

No. of weeks in report: 10

Avg. Rating: 2.1 - 2.6

- As of August 16, 2026, the [DRC](#) has confirmed 4,945 cases of EVD, including 2,315 related deaths; this represents an increase of 101 new confirmed cases and 53 deaths since the previous report on August 15; the outbreak in the [DRC](#) is the fastest growing and second deadliest on record
- The EVD outbreak has also spread to its sixth province in the [DRC](#), with a first case reported in Bas-Uélé in a person who came from Haut-Uélé

New World Screwworm in the United States

No. of Signals: 04

No. of weeks in report: 11

Avg. Rating: 1.8 - 2.4

- As of August 17, 2026, the [USDA](#) has confirmed a total of 46 cases of NWS myiasis in two states: Texas(45) and New Mexico(1); over the last week, Texas reported one new cases of NWS myiasis in a sheep(1) in Val Verde County
- The [USDA](#) has expanded its use of drone-based surveillance to detect NWS infestations in livestock and wildlife in Texas and New Mexico; > 200 drones have been repurposed from border operations, conducting over 1,200 flights and surveying more than 23,000 animals
- The [USDA](#) has announced that the Texas sterile fly facility will be opening ahead of schedule in spring 2027
- The [FDA](#) has issued an Emergency Use Authorization for Simparica TRIO (sarolaner, moxidectin, and pyrantel chewable tablets) for the treatment of NWS infestations in dogs and puppies

Highly Pathogenic Avian Influenza in North America

No. of Signals: 05

No. of weeks in report: 230

Avg. Rating: 1.8 - 2.2

- [Canada](#) has not reported any outbreaks of HPAI in domestic poultry over the last week
- Over the last week, the [USDA](#) reported one outbreak of HPAI in commercial poultry in: South Dakota(1)
- As of August 18, 2026, the [USDA](#) has reported influenza A(H5N1) in 1173 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(29), [Michigan](#)(31), Texas(36), [Colorado](#)(64), Idaho(175), and California(773); over the last week, two new outbreaks were reported in Texas(2)
- Researchers in [USA](#) are working on developing vaccines for HPAI H5N1 in dairy cattle
- [Utah](#) has reported HPAI H5N1 in two striped skunks and a domestic cat, from July 2026
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Influenza

- ◆ OFFLU: Incursion of High Pathogenicity Avian Influenza H5 into Australia and New Zealand, with Potential to Impact Wildlife Populations and to Spread Further in Oceania [Read More](#)
- ◆ Pre-print: Enhanced Pathogenicity and Contact Transmissibility of Human-origin Avian Influenza H5N1 Clade 2.3.4.4b Genotype B3.13 Compared to D1.1 in Ferrets [Read More](#)
- ◆ Risk assessment of avian influenza A(H5N5) virus from the first human case using the ferret model [Read More](#)
- ◆ Acquisition of specific human respiratory tract binding by 2.3.4.4b H5N1 hemagglutinins requires multiple mutations [Read More](#)

Mpox

- ◆ ECDC Surveillance of mpox in the European Union/European Economic Area (EU/EEA) – Monthly report [Read More](#)

New World Screwworm

- ◆ Texas Animal Health Commission - New World Screwworm (NWS) Animal Movement Guidance [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Pre-print: It happened again – emergence of a Shamonda-like orthobunyavirus in Central Europe, 2026 [Read More](#)

Other

- ◆ SHIC-Funded Study Examines Mammalian Orthoreovirus, Adenovirus, Novel Pathogens in US Swine Herd [Read More](#)
- ◆ FAO - Guidelines on emergency response preparedness in agriculture in Europe and Central Asia [Read More](#)
- ◆ New York Global Health Update Report - 08/013/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 18/08/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 8 - 14 August, week 33 [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.