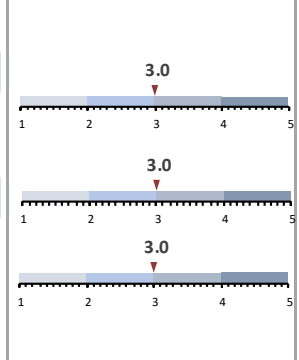


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥3.0)

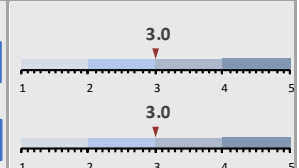
Highly Pathogenic Avian Influenza

- ◆ **Finland** has reported HPAI H5N1 in a total of five fur farms holding arctic foxes, raccoon dogs, and mink; no control measures are currently being applied as HPAI is not a "listed disease" in fur animals [Read More](#)
- ◆ As of July 17, 2023, **Poland** has reported 34/61 positive Influenza A H5N1 samples from sick/dead cats and one caracal across the country; genomic analysis indicates the cats developed H5N1 virus of the CH genotype, which was previously detected in the white stork at the beginning of June in the **Tarnów powiat** [Read More](#)
- ◆ **Chile** has reported 15,185 dead marine fauna due to HPAI during the first half of 2023: 13,025 common sea lions, 2,093 Humboldt penguins, 30 chungungos, 21 spiny porpoises, 15 Chilean dolphins and one huillín [Read More](#)



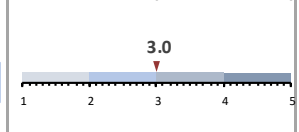
Influenza A (H5N1 & H5N6)

- ◆ The **UK** has reported two additional asymptomatic human cases of Influenza A (H5N1); the two new detections were in individuals exposed at two different premises from the previously reported detections [Read More](#)
- ◆ **China** has reported a human case of influenza A (H5N6) in **Guangxi Autonomous Region** [Read More](#)



Bovine Tuberculosis

- ◆ Eight cases of bTB have been confirmed in a **Saskatchewan** herd linked to a feedlot in the **US**; live animal testing and tracing continues, with 160 animals having been euthanized as part of the investigation so far [Read More](#)



NEW EVENTS: (events rated > 2)

No new events to report this week

CONTINUED EVENTS: (events rated ≥ 2.4)

Influenza A (H5N6) in China

No. of Signals: 01

No. of weeks in report: 42

Avg. Rating: 3.0

- [China](#) has reported a human case of influenza A (H5N6) in Guangxi Autonomous Region

Influenza A (H5N1) in the UK

No. of Signals: 02

No. of weeks in report: 03

Avg. Rating: 3.0

- The [UK](#) has reported two additional asymptomatic human cases of Influenza A (H5N1); the two new detections were in individuals exposed at two different premises to the previously reported detections

Bovine Tuberculosis in Canada

No. of Signals: 01

No. of weeks in report: 02

Avg. Rating: 3.0

- Eight cases of bTB have been confirmed in a [Saskatchewan](#) herd linked to the feedlot in the US; live animal testing and tracing continues, with 160 animals having been euthanized as part of the investigation so far

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 33

No. of weeks in report: 134

Avg. Rating: 2.0 – 3.0

- [Finland](#) has reported HPAI H5N1 in a total of five fur farms holding arctic foxes/raccoon dogs/mink; no control measures are currently being applied as HPAI is not a "listed disease" in fur animals
- As of July 17, 2023, [Poland](#) has reported 34/61 positive Influenza A H5N1 samples from sick/dead cats and one caracal across the country; genomic analysis indicates the cats developed H5N1 virus of the CH genotype, which was previously detected in the white stork at the beginning of June in the Tarnów powiat
- [Scotland](#) has reported >1000 dead wild birds cleared from Aberdeenshire beaches this past week
- [England](#) has reported >500 dead wild birds following an outbreak of HPAI at Brownsea Island Nature Reserve
- [Russia](#), [Poland](#), [Finland](#), [Norway](#), [Spain](#), [Sweden](#), and [Switzerland](#) have reported HPAI H5N1 in wild birds
- [Denmark](#) and [Sweden](#) have reported HPAI H5N1 in domestic poultry
- [Svalbard and Jan Mayen Islands](#) and [Belgium](#) have reported HPAI H5 in wild birds
- [Germany](#) has reported HPAI H5N1 in red foxes
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in South America

No. of Signals: 03

No. of weeks in report: 34

Avg. Rating: 2.0 – 3.0

- [Chile](#) has reported 15,185 dead marine fauna due to HPAI during the first half of 2023: 13,025 common sea lions, 2,093 Humboldt penguins, 30 chungungos, 21 spiny porpoises, 15 Chilean dolphins and one huillín
- [Brazil](#) has reported HPAI in a second domestic poultry farm, this case occurred in Maracajá, Santa Catarina

CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Europe

No. of Signals: 06

No. of weeks in report: 146

Avg. Rating: 2.0 – 2.7

- [Croatia](#) has reported additional outbreaks of ASF in domestic swine, in the same region as the initial cases
- [Romania](#), [Italy](#), and [Poland](#) have reported cases of ASF in domestic swine
- [Germany](#), [Italy](#), and [Poland](#) have reported cases of ASF in wild boar

Porcine Epidemic Diarrhea in Canada

No. of Signals: 01

No. of weeks in report: 12

Avg. Rating: 2.5

- Since the beginning of July, seven outbreaks of PED have been reported in [Ontario](#) finisher operations across five counties: Huron, Grey, Bruce, Perth, and Oxford

Malaria in the USA

No. of Signals: 04

No. of weeks in report: 03

Avg. Rating: 2.5

- [Florida](#) has reported one additional locally acquired case of malaria in Sarasota County, bringing the total case count in the state to seven

Equine Infectious Anemia in Canada

No. of Signals: 01

No. of weeks in report: 02

Avg. Rating: 2.5

- [British Columbia](#) has reported a case of EIA in a horse in Cariboo Subdivision C; the infected horse has a history of contact with free-roaming horses in an area where the disease is endemic

African Swine Fever in Asia

No. of Signals: 03

No. of weeks in report: 133

Avg. Rating: 2.0 – 2.5

- The Philippines have reported outbreaks of ASF in [Central Visayas](#) and in [Bataan](#), where an emergency state has been declared due to 25% of hog farms in the province being affected by the disease
- [India](#) has also reported ASF in a pig farm in Malayattoor-Neeleswaram, southern India

Anthrax in Canada

No. of Signals: 01

No. of weeks in report: 03

Avg. Rating: 2.3

- In the [Northwest Territories](#), incineration of infected bison carcasses has occurred at three sites, which continue to be monitored; there have been some challenges acquiring helicopters (due to ongoing forest fires) to access the sites

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 01

No. of weeks in report: 107

Avg. Rating: 2.0

- [Indonesia](#) has reported HPAI (untyped) in domestic poultry in Jawa Timur

SCIENTIFIC FINDINGS & REPORTS:

Coronavirus

- ◆ Transmission of SARS-CoV-2 in free-ranging white-tailed deer in the United States [Read More](#)

Influenza

- ◆ A Dutch highly pathogenic H5N6 avian influenza virus showed remarkable tropism for extra-respiratory organs and caused severe disease but was not transmissible via air in the ferret model [Read More](#)
- ◆ ECDC Avian influenza overview April – June 2023 [Read More](#)

Vectors and Vector Borne Diseases

- ◆ Detection of *Orientia* spp. Bacteria in Field-Collected Free-Living *Eutrombicula* Chigger Mites, United States [Read More](#)

Other

- ◆ A Q fever outbreak among visitors to a natural cave, Bizkaia, Spain, December 2020 to October 2021 [Read More](#)
- ◆ Animal Markets and Zoonotic Disease in the United States [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.