

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

No relevant events to report this week

NEW EVENTS: (events rated > 2)

No new events to report this week

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 12

No. of weeks in report: 140

Avg. Rating: 1.3 – 2.8

- In [Finland](#), no additional fur farms have been affected by HPAI and reported this past week; however the country will begin monitoring for HPAI H5N1 in fur farms in September, starting with testing of all 130 mink farms followed by those holding foxes and raccoon dogs
- [Russia](#) has confirmed HPAI H5N1 in a fur seal in the Korsakov district of Sakhalin region (close to Tyuleniy Island, where a seal mortality event was reported last week)
- In [England](#), a number of wild bird deaths have been reported along the North Yorkshire coast; seabirds from this area have also recently tested positive for HPAI H5N1
- [Hungary](#), [Belgium](#), [England](#), [Slovenia](#), [Finland](#), and [Spain](#) have reported HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Canine Influenza in North America

No. of Signals: 01

No. of weeks in report: 04

Avg. Rating: 2.4

- The [Oklahoma City Animal Shelter](#) has closed to the public for a third time this year due to a respiratory infection outbreak, suspected to be canine influenza which was the cause of earlier outbreaks reported in March and June of this year

Eastern Equine Encephalitis in Canada

No. of Signals: 03

No. of weeks in report: 04

Avg. Rating: 2.0 – 2.4

- Ontario has recently reported two cases of EEE in unvaccinated horses, one in a 14-year-old Hackney Pony mare in [Lanark County](#) and the other in a yearling filly in the City of [Kawartha Lakes](#); these cases coincide with the seasonal occurrence of EEE

Highly Pathogenic Avian Influenza in South America

No. of Signals: 05

No. of weeks in report: 40

Avg. Rating: 2.0 – 2.3

- [Argentina](#) has reported >40 dead sea lions found in the port Quequén, Necochea and Punta Loyola; two samples have tested positive for HPAI H5, while two others were negative
- WOAHP has validated [Argentina's](#) declaration of HPAI freedom in commercial poultry
- [Brazil](#) has reported HPAI H5N1 in wild birds in São Paulo

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 01

No. of weeks in report: 52

Avg. Rating: 2.0

- [South Africa](#) has reported HPAI H5 in wild birds in KwaZulu-Natal

SCIENTIFIC FINDINGS & REPORTS:

Influenza

- ◆ Limited Outbreak of Highly Pathogenic Influenza A(H5N1) in Herring Gull Colony, Canada, 2022 [Read More](#)
- ◆ Pathogenesis and transmission assessment of three swine-origin influenza A(H3N2) viruses with zoonotic risk to humans isolated in the U.S from 2017-2020 [Read More](#)
- ◆ Emergence of a new genotype of clade 2.3.4.4b H5N1 highly pathogenic avian influenza A viruses in Bangladesh [Read More](#)
- ◆ Characterization of avian influenza A (H4N2) viruses isolated from wild birds in Shanghai during 2019 to 2021 [Read More](#)
- ◆ Southward expansion of high pathogenicity avian influenza H5 in wildlife in South America: estimated impact on wildlife populations and risk of incursion into Antarctica [Read More](#)

Vectors and Vector-borne Diseases

- ◆ Detection and phylogenetic analysis of Dabieshan tick virus and Okutama tick virus in ticks collected from Cape Toi, Japan [Read More](#)

Other

- ◆ Novel report of the European variant of *Echinococcus multilocularis* in coyotes (*canis latrans*) in New York state [Read More](#)
- ◆ Partial Genome Characterization of Novel Parapoxvirus in Horse, Finland [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.