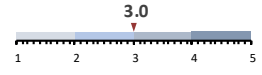


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- The OIE has received several reports of HPAI spread throughout countries in **Europe** and **Asia**; the poultry industry is on high alert following outbreaks in South Korea, Japan, Norway, Germany, the Netherlands, Belgium and France

[Read More](#)



Epizootic Hemorrhagic Disease

- Two **Vermont** cows in Pittsford, Rutland county, have tested positive for EHD; these are the first confirmed positive EHD infections in cows in Vermont

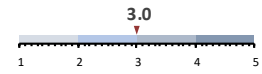
[Read More](#)



Chronic Wasting Disease

- Two mule deer in **Idaho** have tested positive for CWD, marking the first time the contagious prion illness has been confirmed in Idaho

[Read More](#)



NEW EVENTS: (events rated > 2)

No new events to report this week

CONTINUED EVENTS: (events rated ≥ 2.4)

Epizootic Hemorrhagic Disease in the US

No. of Signals: 01

No. of weeks in report: 08

Avg. Rating: 3.0

- Two [Vermont](#) cows in Pittsford, Rutland county, have tested positive for EHD; these are the first confirmed positive EHD infections in cows in Vermont

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 20

No. of weeks in report: 50

Avg. Rating: 2.3 – 3.0

- The Netherlands have reported an outbreak of HPAI on a poultry farm in Tzum in the province of [Friesland](#) as well as cases of HPAI H5N8 in [wild birds](#)
- [Norway](#) has detected HPAI H5 at two farms in Rogaland, these are the first cases of HPAI in commercial poultry in Norway
- In the UK, another part of [Lancashire](#) has been placed in a disease control zone after an outbreak of HPAI H5N1 was found in birds near Kirkham
- [Hungary](#) has reported two outbreaks of HPAI H5N1 at commercial farms in Bacs-Kiskun County
- [Italy](#), [Poland](#), [Bosnia](#), and [Hungary](#) have reported cases of HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Chronic Wasting Disease in the US

No. of Signals: 03

No. of weeks in report: 14

Avg. Rating: 2.0 – 3.0

- Two mule deer in [Idaho](#) have tested positive for CWD, marking the first time the contagious prion illness has been confirmed in Idaho
- CWD has been detected in an adult female mule deer in Stanley County, central [South Dakota](#)
- [Michigan](#) has confirmed two cases of CWD in elk from a farmed cervid facility in Kent County

African Swine Fever in Europe

No. of Signals: 04

No. of weeks in report: 116

Avg. Rating: 2.4 – 2.8

- [Hungary](#) has reported cases of ASF in wild boar
- [Ukraine](#) has reported cases of ASF in wild boar and domestic swine

Monkeypox in the US

No. of Signals: 02

No. of weeks in report: 04

Avg. Rating: 2.3 – 2.5

- The state of [Maryland](#) has confirmed a single case of monkeypox virus infection in a resident who recently returned from Nigeria

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 10

No. of weeks in report: 39

Avg. Rating: 2.0 – 2.5

- [Japan](#) has reported four outbreaks of HPAI in poultry, involving two different strains (H5N1 & H5N8) across 3 Prefectures (Akita, Kagoshima, Hyogo) that span nearly the entire length of the country
- [South Korea](#) has reported outbreaks of HPAI H5N1 in domestic poultry

Influenza A (H9N2) in China

No. of Signals: 01

No. of weeks in report: 18

Avg. Rating: 2.3

- [China](#) has reported a new case of human infection with avian influenza A(H9N2); as of 16 November 2021 and since 1998, a total of 94 laboratory-confirmed cases of human infection with avian influenza A(H9N2) viruses have been reported from: China (82), Egypt (4), Bangladesh (3), Cambodia (1), Oman (1), Pakistan(1), India (1), and Senegal (1)

SCIENTIFIC FINDINGS:

- Genomic characterization of a new bovine picornavirus (boosepivirus) in diarrheal cattle and detection in different states of the United States, 2019 [Read More](#)

- Emerging hantaviruses in Central Argentina: First case of Hantavirus Pulmonary Syndrome caused by AI to Paraguay virus, and a novel orthohantavirus in *Scapteromys aquaticus* rodent [Read More](#)

- SHIC sponsored research in Vietnam looks at risk of ASF transmission via a boar studs [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.