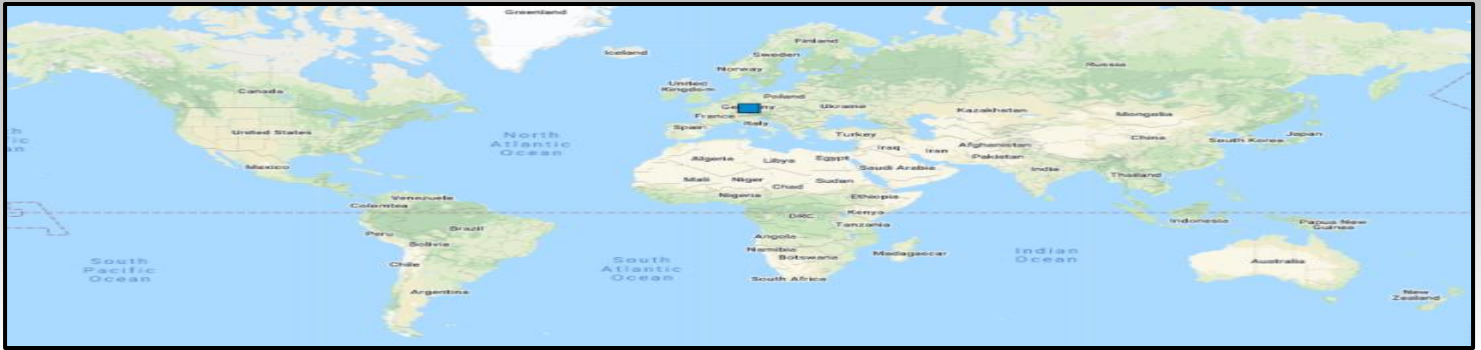


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

No relevant events to report this week

NEW EVENTS: (events rated > 2)



Bovine spongiform encephalopathy in Germany

Pathogen: Prion ; **Transmission:** Atypical ; **Species affected in event:** Cattle

① Germany has reported a case of atypical BSE in 14-year-old cow in Bavaria. The case was identified through the BSE surveillance program when the cow, which was born on 23 Mar 2007, was slaughtered on 27 Sep 2021 without clinical signs of disease.

[Read More](#)

Avg. Rating	2.5 - 2.8
No. of Signal	2
No. of Ratings	4 - 5

CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Europe

No. of Signals: 11

No. of weeks in report: 111

Avg. Rating: 2.0 – 2.8

- In [Germany](#), ASF has been found in a wild boar carcass that was found 60km away from earlier cases in Saxony state
- [Russia](#) and [Romania](#) have reported outbreaks of ASF in domestic swine
- [Latvia](#), [Romania](#), [Russia](#), [Poland](#), [Hungary](#) have reported cases of ASF in wild boar

Classical Swine Fever in Brazil

No. of Signals: 03

No. of weeks in report: 03

Avg. Rating: 2.4 – 2.6

- [Brazil](#) has reported an outbreak of CSF in the city of Marco, in Ceará state which is not part of the CSF free zone of Brazil, and there are movement restrictions on animals and products between this zone and the free zone

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 04

No. of weeks in report: 34

Avg. Rating: 2.1 – 2.6

- [Israel](#) has reported an outbreak of HPAI H5N1 on a turkey farm in Nahalal
- [Kazakhstan](#) has reported an outbreak of HPAI H5 in backyard poultry in the village of Lebyazhye, Bulaevskiy

African Swine Fever in Asia

No. of Signals: 02

No. of weeks in report: 126

Avg. Rating: 1.6 – 2.6

- In the [Philippines](#), ASF has resurged in areas previously cleared from the disease, as some areas in Batangas and Ilocos that were already declared ASF-free have again recently recorded a few cases of the virus

Ebola in the Democratic Republic of Congo

No. of Signals: 04

No. of weeks in report: 04

Avg. Rating: 2.3 - 2.5

- The [DRC](#) has confirmed five cases of EVD so far in the new outbreak, 3 of which have died

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 06

No. of weeks in report: 46

Avg. Rating: 2.1 – 2.5

- An outbreak of **LPAI H5** has been reported on turkey farm in Codigoro, [Italy](#)
- [Russia](#) has reported outbreaks of HPAI H5 in backyard poultry
- [Estonia](#) has reported a case of HPAI H5N8 in a wild bird
- A summary of the overall HPAI situation in Europe is available [here](#)

Epizootic Hemorrhagic Disease in the US

No. of Signals: 03

No. of weeks in report: 06

Avg. Rating: 2.0 - 2.5

- [Vermont](#) has confirmed EHD in its whitetail deer population for first time
- [Washington](#) continues to report cases of EHD; since August there have been more than 500 reports of sick or dead deer in Eastern Washington

COVID-19 Worldwide (as of October 17, 2021)

No. of Signals: 35

No. of weeks in report: 57

Avg. Rating: 1.0 - 2.4

- [Worldwide](#), there have been 239,437,517 confirmed cases of COVID-19 with 4,879,235 deaths reported
- In [Canada](#), there have been 1,676,846 cases of COVID-19 with 28,468 deaths reported
- The US has confirmed finding SARS-CoV-2 in a binturong (bearcat) and a fishing cat at a zoo in [Illinois](#)

SCIENTIFIC FINDINGS:

- ◆ Leprosy in wild chimpanzees [Read More](#)
- ◆ Subclinical *Burkholderia pseudomallei* Infection Associated with Travel to the British Virgin Islands [Read More](#)
- ◆ Encephalitis and Death in Wild Mammals at a Rehabilitation Center after Systemic Infection with Highly Pathogenic Avian Influenza A(H5N8) Virus, United Kingdom [Read More](#)
- ◆ Emergence and Characterization of a Novel Reassortant Canine Influenza Virus Isolated from Cats [Read More](#)
- ◆ *Notes from the Field*: Fatal Anthrax Pneumonia in Welders and Other Metalworkers Caused by *Bacillus cereus* Group Bacteria Containing Anthrax Toxin Genes — U.S. Gulf Coast States, 1994–2020 [Read More](#)
- ◆ A new Hendra virus genotype found in Australian flying foxes [Read More](#)
- ◆ Data-driven dynamical modeling of the transmission of African swine fever in a few places in China [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.