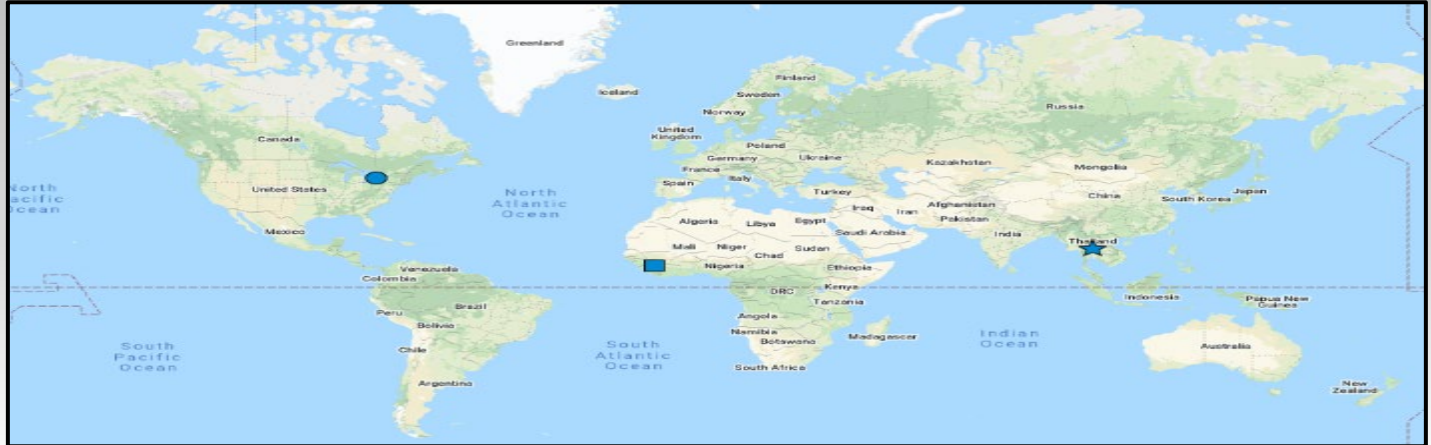


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

No relevant events to report this week

NEW EVENTS: (events rated > 2)



Peste des petits ruminants in Thailand

Pathogen: Virus ; **Transmission:** Direct contact, Aerosol, Fomite ; **Species affected in event:** Goat

① An outbreak of peste des petits ruminants (PPR) has been reported for the first time in Thailand. The source of the outbreak is said to be the introduction of PPR virus from imported pygmy goats from Western Africa.

[Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	7



Ebola in Guinea

Pathogen: Virus ; **Transmission:** Direct contact ; **Species affected in event:** Human

① The Guinean Government has declared an epidemic of Ebola virus disease in the prefecture of N'Zerekore, sub-prefecture of Gouecke. This is the first outbreak of Ebola in Guinea since 2016 and comes after the confirmation of a number of suspected cases in people who participated in the burial of a nurse from the Goueke health center. According to the Guinean Ministry of Health, more than 3 people have already been killed by the disease.

[Read More](#)

Avg. Rating	1.7 - 2.3
No. of Signal	12
No. of Ratings	5 - 7



Undiagnosed Respiratory Disease in Dogs in Ontario

Pathogen: Unknown; **Transmission:** Unknown ; **Species affected in event:** Canine

① Cases of a respiratory disease in dogs have been reported from regions east of Toronto, Ontario. No cause has been identified yet and there is concern about the number of severe infections and deaths being reported. Dr. Scott Weese from the University of Guelph is trying to collect some more information to facilitate the investigation and get a better idea of what's happening. Veterinarians or owners of a dog with recent respiratory disease in Ontario can help by filling out a quick survey.

[Read More](#)

Avg. Rating	2.1
No. of Signal	1
No. of Ratings	7

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 06

No. of weeks in report: 15

Avg. Rating: 2.3 – 2.8

- [Finland](#) has reported an outbreak of HPAI H5N8 on a farm in Janakkala
- [Bulgaria](#) has reported four outbreaks of HPAI H5 on farms in Slavyianovo
- [Scotland](#) has reported an outbreak of HPAI H5N1 in gamebirds in Fife
- Reports of various strains of HPAI detected in wild birds in: [Latvia](#), [Austria](#), [Denmark](#)
- A summary of the overall HPAI situation in Europe is available [here](#)

Porcine Reproductive and Respiratory Syndrome in the US

No. of Signals: 01

No. of weeks in report: 07

Avg. Rating: 2.7

- A new strain (1-4-4) of PRRS is resulting in higher rates of hog mortality across [southern Minnesota and northern Iowa](#)
- The new strain has only been around since last October and has been found in different production systems (sow farms and grower and finishing facilities)

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 04

No. of weeks in report: 15

Avg. Rating: 2.0 – 2.5

- [Japan](#) has reported another outbreak of HPAI H5N8, authorities are set to cull 356 000 chickens in Chiba prefecture
- [China](#) has reported more HPAI H5N8 findings in wild birds
- [Vietnam](#) has recorded outbreaks of HPAI H5N1 and H5N6 across 14 provinces and has culled > 100,000 birds in 2021 to contain the spread

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 02

No. of weeks in report: 04

Avg. Rating: 2.0 – 2.3

- [Algeria](#) has reported an outbreak of HPAI H5N8 in a layer hen farm in Ain Fakroun

SCIENTIFIC FINDINGS:

- ◆ Chinese researchers find natural mutation in African swine fever virus [Read More](#)
- ◆ African Swine Fever threatens Southeast Asia's 11 endemic wild pig species [Read More](#)
- ◆ *Aedes scapularis* found in Miami-Dade and Broward counties in Florida [Read More](#)
- ◆ Zoonotic potential of *Enterocytozoon bieneusi* in pre-weaned Korean native calves [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.