

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

No relevant events to report this week

NEW EVENTS: (events rated > 2)



■ Tuberculosis outbreak declared in Nunavut

Pathogen: Bacteria ; **Transmission:** Aerosol ; **Species affected in event:** Human

① The Chief Public Health Officer is advising the residents of Pangnirtung that due to a recent increase in the number of active TB cases in the community, the Department of Health is declaring an outbreak of tuberculosis as of November 25, 2021. [Read More](#)

Avg. Rating	2.5
No. of Signal	1
No. of Ratings	5

CONTINUED EVENTS: (events rated ≥ 2.4)

Porcine Epidemic Diarrhea in Canada

No. of Signals: 01

No. of weeks in report: 06

Avg. Rating: 2.8

- [Manitoba](#) has reported more outbreaks of PED

Streptococcus suis in Canada

No. of Signals: 01

No. of weeks in report: 03

Avg. Rating: 2.8

- CWSHIN has released its [Swine Disease Surveillance Report](#) for the third quarter of 2021; quite a few vets reported that they had seen a spike in sudden death linked to *Strep. suis* in nurseries in Manitoba, Saskatchewan, and Alberta

African Swine Fever in Asia

No. of Signals: 03

No. of weeks in report: 128

Avg. Rating: 2.3 – 2.8

- [Lao People's Democratic Republic](#) and [Vietnam](#) have reported outbreaks of ASF in domestic swine
- [South Korea](#) continues to report cases of ASF in wild boar

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 27

No. of weeks in report: 51

Avg. Rating: 2.0 – 2.8

- [France](#) has detected a HPAI virus on a poultry farm in the north of the country; strain has yet to be identified
- [Ireland](#) has confirmed HPAI H5N1 in samples from a turkey flock in County Monaghan
- The UK has confirmed a case HPAI H5N1 in commercial poultry in [Bournemouth](#); a summary of HPAI H5N1 outbreaks in Britain can be view [here](#); DEFRA has released its 3rd HPAI in the UK and Europe [Outbreak Assessment](#)
- [Italy](#) has experienced 60+ outbreaks of HPAI in the past month
- Hungary, Belgium, Slovakia, Austria, Russia, Croatia, and Norway have all reported outbreaks/cases of [HPAI H5N1](#)
- A summary of the overall HPAI situation in Europe is available [here](#)

African Swine Fever in Europe

No. of Signals: 07

No. of weeks in report: 117

Avg. Rating: 2.0 – 2.7

- In [Germany](#), the first cases of ASF in wild boar in Mecklenburg-Vorpommern have been reported; all 3 German states bordering Poland have now been infected with ASF
- [Hungary](#), [Latvia](#) and [Romania](#) have reported cases of ASF in wild boar

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 05

No. of weeks in report: 40

Avg. Rating: 2.0 – 2.5

- [China](#) has reported a wild bird die-off due to HPAI H5N1 in Hebei Province
- In [South Korea](#), the number of cases of HPAI H5N1 has grown to six; with the latest outbreak detected at a duck farm in the Gangjin, South Jeolla province
- [Japan](#) has reported HPAI H5N8 in wild birds
- [Israel](#) has reported two outbreaks of HPAI H5N1 in domestic poultry

Low Pathogenicity Avian Influenza in the US

No. of Signals: 04

No. of weeks in report: 02

Avg. Rating: 2.3 – 2.4

- Routine testing has found H5 LPAI in a commercial turkey flock in Kandiyohi County, [Minnesota](#)

Highly Pathogenic Avian Influenza in Africa

No. of Signals: 02

No. of weeks in report: 19

Avg. Rating: 2.1 - 2.2

- [Togo](#) has reported an outbreak of HPAI H5N1 in domestic poultry on a farm in Maritime



WEEKLY INTELLIGENCE REPORT

November 22nd – November 28th, 2021

SCIENTIFIC FINDINGS:

- ◆ Independent infections of porcine deltacoronavirus among Haitian children [Read More](#)
- ◆ Predicting the Geographic Range of an Invasive Livestock Disease across the Contiguous USA under Current and Future Climate Conditions [Read More](#)
- ◆ Toxin secretion and trafficking by *Mycobacterium tuberculosis* [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.