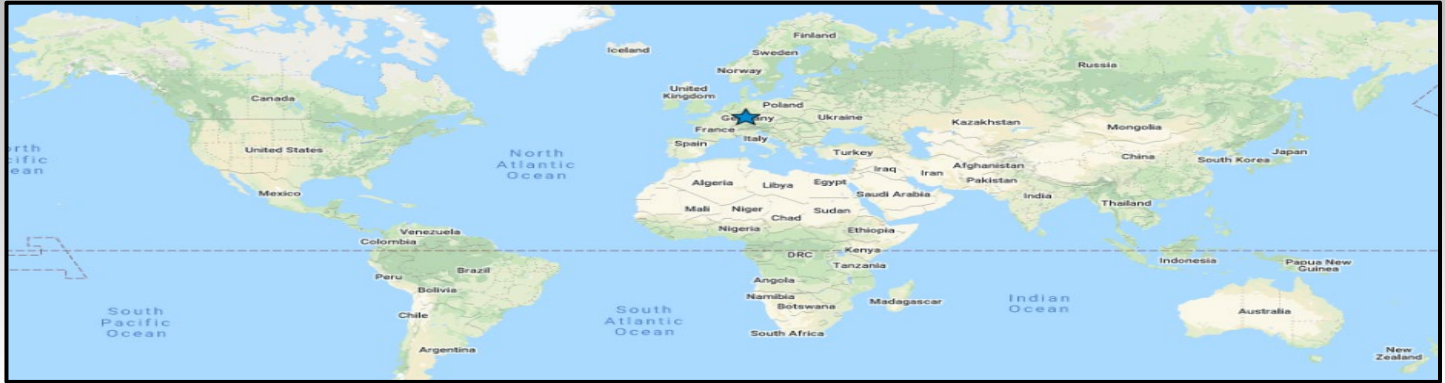


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

No relevant events to report this week

NEW EVENTS: (events rated > 2)



★ **Tuberculosis in Germany**

Pathogen: Virus; **Transmission:** Direct contact, inhalation, ingestion ; **Species affected in event:** Human, Cattle

① In December 2020, a cattle herd and two persons tested positive for tuberculosis in Bavaria, Germany. All cattle in the herd were killed and the farm has been put under restrictions. Any person who accumulated more than 40 contact hours with the positive patients will undergo testing and a follow-up.

[Read More](#)

Avg. Rating	2.2
No. of Signal	1
No. of Ratings	5

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 22

No. of weeks in report: 13

Avg. Rating: 2.0 – 2.8

- [Sweden](#) will cull ~1.3 million birds after HPAI H5N5 was discovered at its largest egg producer near the town of Monsteraas
- Countries reporting recent outbreaks of HPAI H5N8 in domestic/farmed birds include: [Germany](#), [Denmark](#), [Wales](#), [Czech Republic](#), [Poland](#), [Italy](#)
- Numerous reports of various strains of HPAI detected in wild birds in: [Germany](#), [Italy](#), [Romania](#), [France](#), [UK](#), [Spain](#), [Finland](#), [Czech Republic](#)
- A summary of the overall HPAI situation in Europe is available [here](#)

African Swine Fever in Asia

No. of Signals: 08

No. of weeks in report: 94

Avg. Rating: 1.8 - 2.8

- [China](#) has reported an outbreak of ASF on a farm in Guangdong province
- In the [Philippines](#), at least 1,451 hogs were culled in three Leyte towns in the past seven days to curb the spread of ASF
- [South Korea](#) continues to report cases of ASF in wild boar

African Swine Fever in Europe

No. of Signals: 05

No. of weeks in report: 86

Avg. Rating: 2.0 – 2.5

- [Germany](#) has expanded 2 of its 4 core ASF zones; the current total number of ASF infected wild boar stands at 594
- [Latvia](#) and [Hungary](#) have also reported cases in wild boar

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 06

No. of weeks in report: 13

Avg. Rating: 2.0 – 2.5

- [Kuwait](#) has reported an outbreak of HPAI H5N8 in a backyard farm in Al Jahrah
- [Iran](#) has reported an outbreak of HPAI H5N8 in domestic poultry in Khorasan
- In [Japan](#), HPAI H5N8 has been detected on 36 poultry farms in 15 prefectures, with ~5.8 million birds culled as a result
- HPAI H5N8 has also been reported in wild birds in: [China](#), [India](#)

SCIENTIFIC FINDINGS:

- ◆ The macroecology and evolution of avian competence for *Borrelia burgdorferi* [Read More](#)
- ◆ Isolation and characterization of a duck-origin goose astrovirus in China [Read More](#)
- ◆ *Anopheles stephensi* now widespread in the Horn of Africa [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.