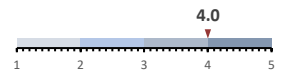


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

African Swine Fever

- Two new strains of ASF (most likely caused by unlicensed vaccine use) have infected more than 1,000 sows on several farms owned by New Hope Liuhe in **China**

[Read More](#)



NEW EVENTS: (events rated > 2)



★ Lumpy Skin Disease in Sri Lanka

Pathogen: Virus; **Transmission:** Vector-borne; **Species affected in event:** Cattle

- ① Sri Lanka has reported its first outbreaks of LSD to the OIE; a total of six outbreaks were reported in Sept/Oct 2020 amongst cattle in three different regions: Mannar, Jaffna, and Vavuniya.

[Read More](#)

Avg. Rating	1.9 - 2.2
No. of Signal	3
No. of Ratings	5 - 7

CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Asia

No. of Signals: 04

No. of weeks in report: 93

Avg. Rating: 2.2 - 4.0

- In [China](#), two new strains of ASF (most likely caused by unlicensed vaccine use) have infected more than 1,000 sows on several farms owned by New Hope Liuhe, China's fourth-largest producer, as well as pigs being fattened for the firm by contract farmers.
- The [Philippines](#) have reported outbreaks of ASF in Davao

African Swine Fever in Europe

No. of Signals: 05

No. of weeks in report: 85

Avg. Rating: 2.0 - 2.9

- [Germany](#) has reported another 30 cases of ASF in wild boar, bringing the number of confirmed instances of the disease in wild boar to 544
- [Russia](#) has also reported cases of ASF in wild boar

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 07

No. of weeks in report: 12

Avg. Rating: 2.0 - 2.5

- [India](#) continues to report outbreaks of both HPAI H5N8 and H5N1
- In [China](#), two fecal environmental samples have tested positive for HPAI H5N8
- [South Korea](#) has confirmed 66 cases of HPAI H5N8 since November 2020 and has slaughtered a total of 18.8 million birds to stem the spread

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 05

No. of weeks in report: 12

Avg. Rating: 2.2 - 2.4

- [Sweden](#) has reported an outbreak of HPAI H5N5 at a layer hen establishment in Kalmar Lan
- Numerous reports of various strains of HPAI detected in wild birds in: [Belgium](#), [Czech Republic](#), [Romania](#), [UK](#), [Germany](#), [Ireland](#)
- 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: 06

Avg. Rating: 2.3

- In the [US](#), a higher than expected seasonal increase in PRRS has been observed over the past month

SCIENTIFIC FINDINGS:

- ◆ Pre-print: An insight into neurotoxic and toxicity of spike fragments SARS-CoV-2 by exposure environment: A threat to aquatic health?

[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.