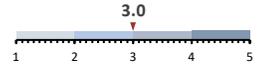


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

African Swine Fever

- ◆ In **Poland**, the first two ASF infected wild boar carcasses have been found in Western Pomerania province

[Read More](#)



NEW EVENTS: (events rated > 2)



● Undiagnosed swine deaths in Thailand

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

① Mortalities in domestic pigs caused by an undiagnosed disease have been report in Thailand’s Nakhon Ratchasima province. Pig farmers have been ordered to cull their herds if they find signs of a undiagnosed disease. Blood samples from the dead animals have been collected but the cause of death has not been established.

[Read More](#)

Avg. Rating	2.5
No. of Signals	1
No. of Ratings	4

■ Pigeon Fever in British Columbia

Pathogen: Bacteria; **Transmission:** Vector borne, direct contact, fomite; **Species affected in event:** Equine

① A horse at a Keremeos County farm in British Columbia has confirmed positive for pigeon fever. Three other horses are suspected of having pigeon fever on the property. The Quarter Horse testing positive had onset of clinical signs on 30 Nov 2020 and was confirmed on 30 Nov 2020.

[Read More](#)

Avg. Rating	2.4
No. of Signals	1
No. of Ratings	6

CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Europe

No. of Signals: 05

No. of weeks in report: 82

Avrg. Rating: 2.0 - 3.0

- In [Poland](#), the first two ASF infected wild boar carcasses have been found in Western Pomerania province
- [Germany](#), [Romania](#), and [Russia](#) have reported cases of ASF in wild boar
- [Ukraine](#) has reported an outbreaks of ASF in domestic swine

Classical Swine Fever in Japan

No. of Signals: 01

No. of weeks in report: 16

Avrg. Rating: 2.7

- CSF cases have been confirmed at a pig farm in Tsuruoka, Yamagata Prefecture, northeastern [Japan](#)
- This is the first CSF outbreak at a pig farm in about three months since the disease was confirmed in Gunma Prefecture, eastern Japan, on Sept. 26

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 06

No. of weeks in report: 09

Avrg. Rating: 2.0 - 2.7

- Japan has reported additional outbreaks of HPAI H5 in domestic poultry in [Gifu](#) and [Chiba](#) prefectures, as well as cases in [wild birds](#)
- [South Korea](#) has confirmed its 30th case of HPAI H5N8 at a duck farm in Jeongeup, North Jeolla province
- [Vietnam](#) has reported an outbreak of HPAI H5N6 in domestic poultry in Nghe An

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 09

No. of weeks in report: 09

Avrg. Rating: 2.3 - 2.6

- The [UK](#) has confirmed additional outbreaks of H5N8 in East Devon and Norfolk
- [Denmark](#) has reported an outbreak of HPAI H5N8 on a poultry farm in Viborg
- [Poland](#) has reported an outbreak of HPAI H5N8 on a domestic turkey farm in Wielkopolskie
- Ukraine has reported outbreaks of HPAI H5 in poultry in [Kiev](#) and [Kherson](#)
- Germany has reported additional outbreaks of HPAI H5N8 in [Saxony](#) and [Brandenburg](#)
- Various strains of HPAI have also been detected in wild birds in: [Germany](#), [Russia](#)
- A summary of the HPAI situation in Europe can be viewed [here](#)

COVID-19 Worldwide (as of January 3, 2021)

No. of Signals: 203

No. of weeks in report: 42

Avrg. Rating: 1.0 – 2.5

- Worldwide, there were 86,196,364 confirmed cases of [COVID-19](#) with 1,863,090 deaths reported
- In [Canada](#), the National Microbiology Laboratory has reported 611,424 cases of COVID-19 and 16,074 deaths: British Columbia (54,201 confirmed, 946 deaths), Alberta (105,535 confirmed, 1142 deaths), Saskatchewan (16,367 confirmed, 160 deaths), Manitoba (25,244 confirmed, 688 deaths), Ontario (194,232 confirmed, 4679 deaths), Quebec (212,850 confirmed, 8379 deaths), Newfoundland and Labrador (391 confirmed, 4 deaths), New Brunswick (635 confirmed, 9 deaths), Nova Scotia (1505 confirmed, 65 deaths), Prince Edward Island (96), Yukon (65 confirmed, 1 death), Northwest Territories (24), Nunavut (266 confirmed, 2 deaths), repatriated Canadians (13)
- Countries with confirmed [U.K. variant](#) include: Austria, Australia, Belgium, Brazil, Canada, Chile, China, Hong Kong SAR, Finland, France, Denmark, Germany, Greece, Georgia, Iceland, India, Iran, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Lebanon, Netherlands, New Zealand, Nigeria, Norway, Malaysia, Pakistan, Portugal, Singapore, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Turkey, United Arab Emirates, United Kingdom, Vietnam and the United States
- Countries with confirmed [S.A. variant](#) include: Austria, Australia, Finland, France, Japan, Sweden, Switzerland, South Africa, South Korea, United Kingdom, and Zambia

SCIENTIFIC FINDINGS:

- ◆ Effectiveness of Chemical Compounds Used against African Swine Fever Virus in Commercial Available Disinfectants [Read More](#)
- ◆ Reston Virus causes Severe Respiratory Disease in Young Domestic Pigs [Read More](#)
- ◆ First detection of bat-borne Issyk-Kul virus in Europe [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.