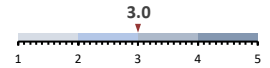


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

Highly Pathogenic Avian Influenza

◆ In the **UK**, a third outbreak of HPAI H5N8 has been detected in broiler breeder near Leominster in Herefordshire; additional cases have also been found wild birds (Black swan, Canada goose, Greylag goose) in Gloucestershire and Devon

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African Swine Fever

◆ In **Germany**, a total of 150 ASF infected wild boar have been reported to date (149 in Brandenburg, 1 in Saxony); the country has entered a new phase in fighting ASF and will be shooting all wild boar in a 5km wide zone around the 1st of 4 contaminated zones, comprising areas of the Oder-Spree and Spree-Neisse

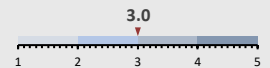
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◆ **Myanmar** has reported an outbreak of ASF in domestic backyard swine

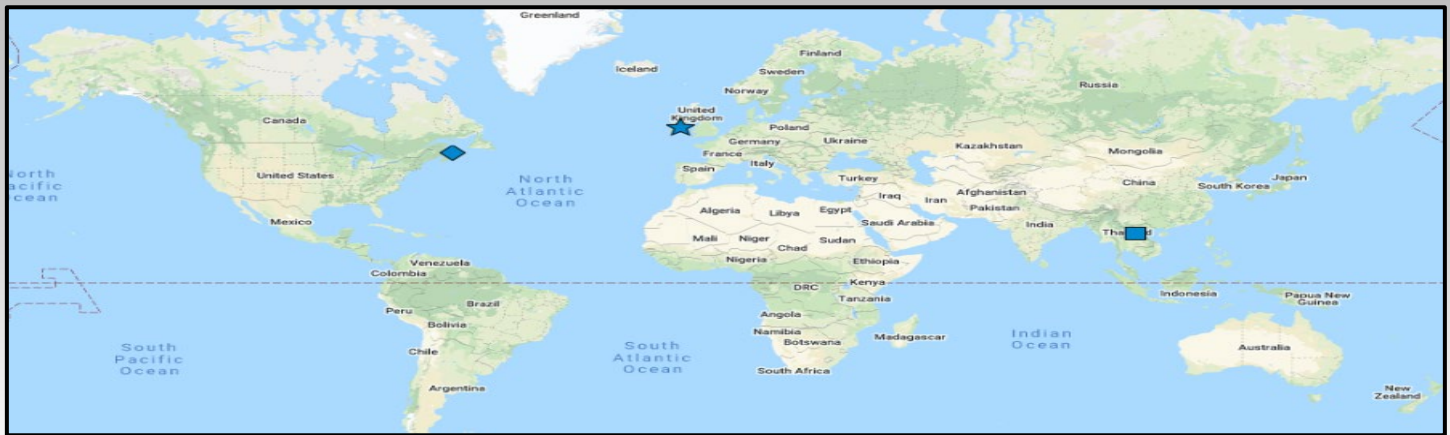
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◆ The **Lao People's Democratic Republic** has reported 10 outbreaks of ASF in domestic swine in the province of Xayabury

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NEW EVENTS: (events rated > 2)



★ Highly Pathogenic Avian Influenza H5N8 in Ireland

Pathogen: Virus; **Transmission:** Direct contact, aerosol, fomite; **Species affected in event:** Falcon

① Ireland has identified a case of HPAI H5N8 in a peregrine falcon in County Limerick.

[Read More](#)

Avg. Rating	2.3 - 2.7
No. of Signal	2
No. of Ratings	4 - 6

■ Avian Influenza A H5N1 in the Lao People's Democratic Republic

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

① For the first time in 18 months, a confirmed human case of avian influenza A(H5N1) has been reported in the Lao People's Democratic Republic. The case involves a one-year-old girl from Saravane province who became sick on Oct. 13 and has since recovered. She had a history of poultry exposure or live poultry near her home before the onset of disease.

[Read More](#)

Avg. Rating	1.8 - 2.2
No. of Signal	3
No. of Ratings	4 - 6

◆ Strangles in Canada

Pathogen: Bacteria; **Transmission:** Direct contact, fomite; **Species affected in event:** Equine

① One of Prince Edward Island's harness racing drivers reported on Facebook that one of his yearlings has tested positive for strangles. The barn has been quarantined and the other horses have been withdrawn from racing.

[Read More](#)

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

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>African Swine Fever in Asia</u>	<u>No. of Signals: 06</u>	<u>No. of weeks in report: 86</u>	<u>Avrg. Rating: 2.5 – 3.0</u>
<ul style="list-style-type: none"> The Lao People's Democratic Republic has reported 10 outbreaks of ASF in domestic swine in the province of Xayabury Myanmar has reported an outbreak of ASF in domestic backyard swine In Vietnam, three clusters of ASF have recently been recorded in the southern province of Binh Phuoc after the disease had not been documented in the locality for over a year Japanese authorities have isolated ASF virus from pork sausages illegally brought into Japan by a passenger from the Philippines 			
<u>African Swine Fever in Europe</u>	<u>No. of Signals: 05</u>	<u>No. of weeks in report: 77</u>	<u>Avrg. Rating: 2.1 - 3.0</u>
<ul style="list-style-type: none"> In Germany, a total of 150 ASF infected wild boar have been reported in two regions, 149 in Brandenburg and 1 in Saxony; the country has allowed the shooting of all wild boar within a 5km wide zone around the 1st of 4 contaminated zones, comprising areas of the Oder-Spree and Spree-Neisse Ukraine has reported six outbreaks of ASF in domestic swine Romania has reported cases of ASF in wild boar and domestic swine 			
<u>Highly Pathogenic Avian Influenza in the UK</u>	<u>No. of Signals: 05</u>	<u>No. of weeks in report: 02</u>	<u>Avrg. Rating: 2.1 - 3.0</u>
<ul style="list-style-type: none"> A third outbreak of HPAI H5N8 has been detected in broiler breeder near Leominster in Herefordshire Cases of HPAI H5N8 have also been confirmed in wild birds in the south west of England 			
<u>Highly Pathogenic Avian Influenza in the Netherlands</u>	<u>No. of Signals: 03</u>	<u>No. of weeks in report: 04</u>	<u>Avrg. Rating: 2.7 – 2.8</u>
<ul style="list-style-type: none"> The Netherlands are culling 48,000 chickens after an outbreak of HPAI H5N8 was discovered on a farm in the northern province of Groningen The Netherlands have also notified the OIE of 4 different outbreaks of HPAI H5N1 in wild and migratory birds 			
<u>Highly Pathogenic Avian Influenza in Germany</u>	<u>No. of Signals: 08</u>	<u>No. of weeks in report: 03</u>	<u>Avrg. Rating: 2.5 - 2.8</u>
<ul style="list-style-type: none"> HPAI H5N8 has been found on another poultry farm (small chicken farm) in the northern German state of Schleswig-Holstein HPAI H5N5 and HPAI H5N8 have also been reported on farms in Mecklenburg-West Pomerania Additional wild birds have also tested positive for HPAI H5N8 throughout the country 			
<u>Highly Pathogenic Avian Influenza in Japan</u>	<u>No. of Signals: 05</u>	<u>No. of weeks in report: 03</u>	<u>Avrg. Rating: 2.3 - 2.7</u>
<ul style="list-style-type: none"> Japan has reported two additional outbreaks of HPAI H5 in Kagawa and positive environmental samples in Kagoshima 			
<u>COVID-19 Worldwide (as of November 15, 2020)</u>	<u>No. of Signals: 37</u>	<u>No. of weeks in report: 41</u>	<u>Avrg. Rating: 1.2 - 2.6</u>
<ul style="list-style-type: none"> Worldwide, there were 54,931,615 confirmed cases of COVID-19 with 1,326,193 deaths reported In Canada, the National Microbiology Laboratory has reported 296,077 cases of COVID-19 and 11,027 deaths: British Columbia (20,985 confirmed, 290 deaths), Alberta (39,329 confirmed, 407 deaths), Saskatchewan (5001 confirmed, 31 deaths), Manitoba (10,947 confirmed, 162 deaths), Ontario (94,009 confirmed, 3361 deaths), Quebec (123,854 confirmed, 6626 deaths), Newfoundland and Labrador (303 confirmed, 4 deaths), New Brunswick (367 confirmed, 6 deaths), Nova Scotia (1144 confirmed, 65 deaths), Prince Edward Island (68), Yukon (24 confirmed, 1 death), Northwest Territories (15), Nunavut (18), repatriated Canadians (13) Denmark has dropped its plans for the mass mink cull A second mink farm in Wisconsin (Taylor County) is under quarantine after animals tested positive for SARS-CoV-2 For the first time, Greece has reported SARS-CoV-2 in mink at 2 farms in the northern region of the country 			
<u>Highly Pathogenic Avian Influenza in South Korea</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 02</u>	<u>Avrg. Rating: 2.4</u>
<ul style="list-style-type: none"> South Korea has confirmed the HPAI H5N8 in samples from wild birds on 10 November 			

SCIENTIFIC FINDINGS/REPORTS:

- ◆ Increased mosquito abundance and species richness in Connecticut, United States 2001–2019 [Read More](#)
- ◆ Researchers identify novel Rickettsia species infecting dogs in the United States [Read More](#)
- ◆ Life history and population regulation shape demographic competence and influence the maintenance of endemic disease [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.