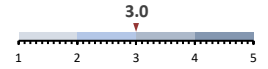


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

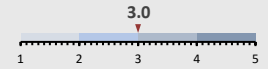
Influenza A H5N8

- ◆ The ECDC has released a threat assessment brief on the first identification of human cases of avian influenza A(H5N8) infection in **Russia** [Read More](#)
- ◆ **Afghanistan** has reported an outbreak of HPAI H5N8 on a domestic poultry farm in Herat province [Read More](#)



African Swine Fever

- ◆ **Malaysia** has reported additional outbreaks of ASF in domestic swine in Sabah state as well as a case in wild boar [Read More](#)



NEW EVENTS: (events rated > 2)



Equine Herpes Virus-1 in Quebec

Pathogen: Virus ; **Transmission:** Direct contact, Fomite; **Species affected in event:** Equine

① Equine herpesvirus myeloencephalitis has caused the deaths of 2 horses and infected nearly half of the other 39 animals housed in stables at the Luskville farm, in Quebec. Another case of a positive horse from Outauais Region, Quebec, has also been reported but it is not clear if this horse is part of the same outbreak or a separate outbreak in a different farm suggesting spread in the region. [Read More](#)

Avg. Rating	2.0 - 2.5
No. of Signal	2
No. of Ratings	2 - 4



Salmonella linked to pet turtles in the US

Pathogen: Bacteria ; **Transmission:** Direct contact, Fomite ; **Species affected in event:** Human

① CDC and public health officials in several states are investigating a multistate outbreak of *Salmonella* Typhimurium infections linked to small turtles. As of 20 Feb 2021, a total of 22 people infected with the outbreak strain of *Salmonella* Typhimurium have been reported from 7 states. Illnesses started on dates ranging from 27 Aug 2020 to 16 Jan 2021. [Read More](#)

Avg. Rating	2.0 - 2.5
No. of Signal	3
No. of Ratings	1 - 3

CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Asia	No. of Signals: 06	No. of weeks in report: 97	Avg. Rating: 2.0 - 3.0
<ul style="list-style-type: none"> • Malaysia has reported additional outbreaks of ASF in domestic swine in Sabah state as well as a case in wild boar • The Philippines have reported outbreaks of ASF in domestic swine in Eastern Visayas 			
Highly Pathogenic Avian Influenza in Europe	No. of Signals: 05	No. of weeks in report: 17	Avg. Rating: 2.0 – 3.0
<ul style="list-style-type: none"> • The ECDC has released a threat assessment brief on the first identification of human cases of avian influenza A(H5N8) infection in Russia • Outbreaks of HPAI H5N8 in domestic birds have been reported from the following countries: Sweden, Estonia • A summary of the overall HPAI situation in Europe is available here 			
Highly Pathogenic Avian Influenza in Asia	No. of Signals: 05	No. of weeks in report: 17	Avg. Rating: 2.0 – 3.0
<ul style="list-style-type: none"> • Afghanistan has reported an outbreak of HPAI H5N8 on a domestic poultry farm in Herat province • India has reported HPAI H5N8 in crows • Nepal has reported an outbreak of HPAI H5N8 in domestic poultry • South Korea has confirmed additional outbreaks of HPAI H5N8, bringing the total number of cases from local poultry farms to 100 			
African Swine Fever in Africa	No. of Signals: 02	No. of weeks in report: 03	Avg. Rating: 2.2 – 2.5
<ul style="list-style-type: none"> • South Africa has reported outbreaks of ASF for the first time in Western Cape 			
African Swine Fever in Europe	No. of Signals: 02	No. of weeks in report: 88	Avg. Rating: 2.0 – 2.5
<ul style="list-style-type: none"> • Germany continues to report cases of ASF in wild boar • Serbia has reported an outbreak of ASF in domestic swine in Nisavski 			

SCIENTIFIC FINDINGS:

- ◆ Emergence and prevalence of naturally occurring lower virulent ASF viruses in domestic pigs in China in 2020 [Read More](#)
- ◆ The role of sheep (*Ovis aries*) in maintaining *Theileria orientalis* Ikeda type infection [Read More](#)
- ◆ Case of Foot and Mouth Disease virus in dogs after eating infected meat [Read More](#)
- ◆ Detection of Pestivirus A (bovine viral diarrhea virus 1) in free-living wild boars in Brazil [Read More](#)
- ◆ Reemergence of Human Monkeypox and Declining Population Immunity in the Context of Urbanization, Nigeria, 2017 - 2020 [Read More](#)
- ◆ Evidence of Epizootic Hemorrhagic Disease virus and Bluetongue Virus exposure in nonnative ruminant species in northern Florida [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.