

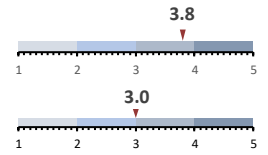
SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

African Swine Fever

- ◆ For the first time, ASF has been confirmed in domestic pigs on two farms in the eastern **German** state of Brandenburg
- ◆ In Assam, **India**, ~39 000 pigs have died of ASF over the last 1.5 years, since its detection in the northeastern state in 2020

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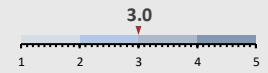
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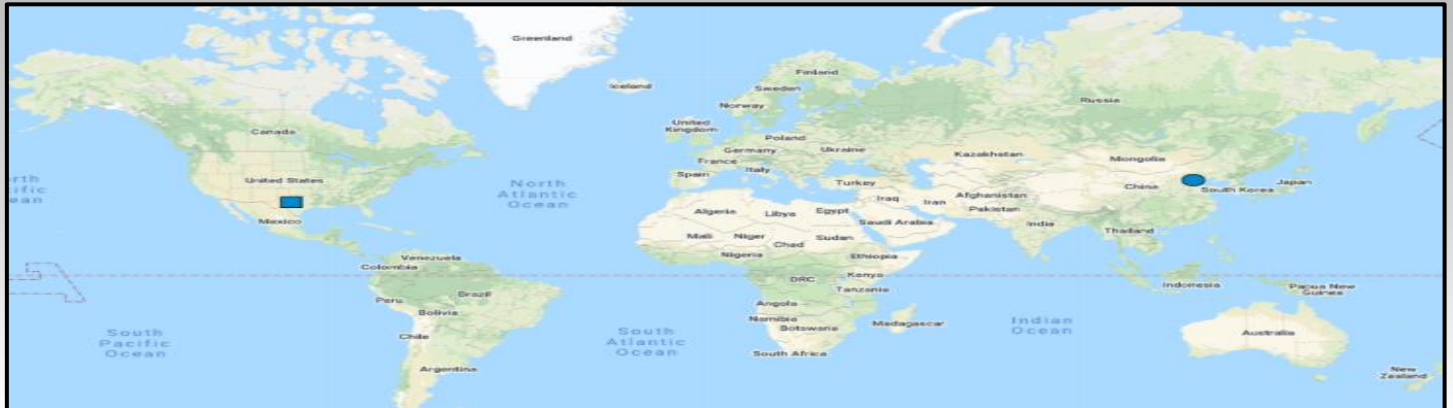
Monkeypox

- ◆ On July 15, the CDC confirmed a case of human monkeypox in a U.S. resident who recently traveled from Nigeria to the **United States**

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NEW EVENTS: (events rated > 2)



Monkeypox in U.S. traveller

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

① The CDC and the Texas Department of State Health Services confirmed on July 15 a case of human monkeypox in a U.S. resident who recently traveled from Nigeria to the United States. The person is currently hospitalized in Dallas.

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Avg. Rating	2.3 - 3.0
No. of Signal	6
No. of Ratings	4

Herpes B virus in China

Pathogen: Virus ; **Transmission:** Bites, direct contact, fomite; **Species affected in event:** Human

① China has reported the first human infection of herpes B virus (monkey B virus) in a 53-year-old male veterinary surgeon based out of Beijing. He worked in an institute specialized in nonhuman primate breeding and experimental research in Beijing. He dissected two dead monkeys on March 4 and 6, 2021 and experienced nausea and vomiting followed by fever with neurological symptoms one month later and eventually died on May 27. Close contacts have been sampled and all had negative results for the virus.

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Avg. Rating	2.3
No. of Signal	1
No. of Ratings	3

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>African Swine Fever in Europe</u>	<u>No. of Signals: 07</u>	<u>No. of weeks in report: 102</u>	<u>Avg. Rating: 1.8 – 3.8</u>
<ul style="list-style-type: none"> • For the first time, ASF has been confirmed in domestic pigs on two farms in the eastern German state of Brandenburg • Latvia and Russia have reported cases of ASF in wild boar • Romania and Russia have reported outbreaks of ASF in domestic swine 			
<u>African Swine Fever in Asia</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 116</u>	<u>Avg. Rating: 3.0</u>
<ul style="list-style-type: none"> • In Assam, India, ~39 000 pigs have died of ASF over the last 1.5 years, since its detection in the northeastern state in 2020 			
<u>Highly Pathogenic Avian Influenza in Europe</u>	<u>No. of Signals: 03</u>	<u>No. of weeks in report: 36</u>	<u>Avg. Rating: 2.3 – 2.8</u>
<ul style="list-style-type: none"> • Sweden has reported cases of HPAI H5N8 and H5N4 in wild birds • Norway has reported cases of HPAI H5N8 in wild birds • A summary of the overall HPAI situation in Europe is available here 			
<u>Porcine Reproductive & Respiratory Syndrome in North America</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 09</u>	<u>Avg. Rating: 2.7</u>
<ul style="list-style-type: none"> • In Ontario, more virulent strains of PRRS are impacting hog farms, including: 1-1-1, 1-201-1 and 1-8-4; with a 4% increase in positive PRRS cases within the last 16 months 			
<u>Influenza A H5N6 in China</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 07</u>	<u>Avg. Rating: 2.3 – 2.6</u>
<ul style="list-style-type: none"> • China has confirmed one human infection with the H5N6 strain of bird flu in Sichuan province on 15 July; this is the 32nd human case of avian influenza A(H5N6) reported by the Mainland health authorities since 2014 			
<u>Adenovirus in North America</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 06</u>	<u>Avg. Rating: 2.2 – 2.4</u>
<ul style="list-style-type: none"> • The California Department of Fish and Wildlife has confirmed outbreaks of adenovirus hemorrhagic disease in deer in several northern California counties 			
<u>Highly Pathogenic Avian Influenza in Africa</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 12</u>	<u>Avg. Rating: 2.0 – 2.3</u>
<ul style="list-style-type: none"> • Ghana has confirmed an outbreak of HPAI H5N1 in three of its 16 regions that could affect about 600,000 farm animal; almost 6,000 birds have died naturally and 4,500 have been killed as part of surveillance and diseases-control management • South Africa has reported an outbreak of HPAI H5N1 in domestic poultry in North West 			
<u>Highly Pathogenic Avian Influenza in Asia</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 30</u>	<u>Avg. Rating: 2.0</u>
<ul style="list-style-type: none"> • Vietnam has reported an outbreak of HPAI H5N8 in domestic poultry in Ha Tay • Laos has reported an outbreak of HPAI H5N1 in domestic poultry in Salavan 			

SCIENTIFIC FINDINGS:

- ◆ Early detection of wildlife morbidity and mortality through an event-based surveillance system [Read More](#)
- ◆ Pre-print: Novel Hendra virus variant detected by sentinel surveillance of Australian horses [Read More](#)
- ◆ White-tailed deer S96 prion protein does not support stable in vitro propagation of most common CWD strains [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.