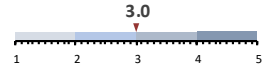


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

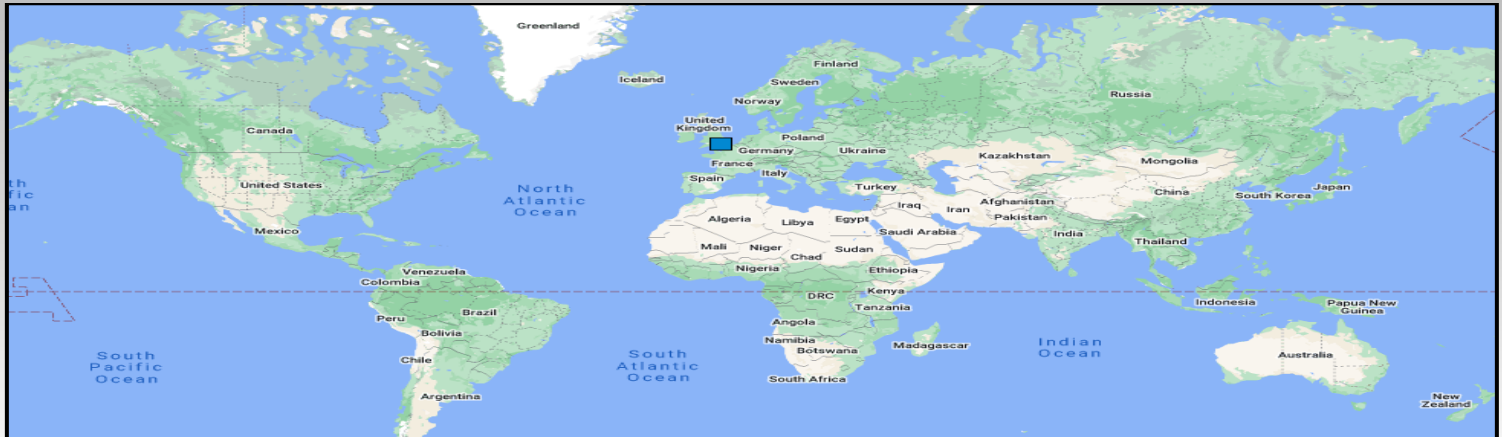
Influenza A

- ◆ The CDC has reported a case of influenza A H1N2 variant in a person in **Oregon**; the patient is <18 years of age, was not hospitalized, has recovered from their illness, and did not identify contact with swine or agricultural fair attendance prior to illness onset

[Read More](#)



NEW EVENTS: (events rated > 2)



■ *Brucella canis* in the UK

Pathogen: Bacteria ; **Transmission:** Direct contact, fomite, breeding ; **Species affected in event:** Human, canine

① A woman in England has euthanized five of her family dogs after they contracted *Brucella canis* from a Belarusian rescue dog she was fostering. The woman said she brought the dog, believed to be a German Shepherd cross, over through a rescue dog company, which mainly sources stray dogs from Ukraine and Belarus. The infected dog had only been with the woman for three days before she started aborting her puppies and was initially put on a "stay at home" notice due to a fear of rabies. However, both the woman and the dog were eventually diagnosed with the *Brucella canis* two months later.

[Read More](#)

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

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>Influenza A (H1N2) in the USA</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 03</u>	<u>Avg. Rating: 3.0</u>
<ul style="list-style-type: none"> The CDC has reported a case of influenza A H1N2 variant in a person in Oregon; the patient is <18 years of age, was not hospitalized, has recovered from their illness, and did not identify contact with swine or agricultural fair attendance prior to illness onset 			
<u>Highly Pathogenic Avian Influenza in North America</u>	<u>No. of Signals: 06</u>	<u>No. of weeks in report: 32</u>	<u>Avg. Rating: 2.2 – 2.8</u>
<ul style="list-style-type: none"> Over the last week, the USDA has reported outbreaks of HPAI H5N1 in backyard birds in Washington and California, and a sentinel flock in Florida 			
<u>Monkeypox worldwide</u>	<u>No. of Signals: 20</u>	<u>No. of weeks in report: 15</u>	<u>Avg. Rating: 1.4 – 2.8</u>
<ul style="list-style-type: none"> As of August 21 2022, the CDC is reporting 42,954 confirmed cases of monkeypox across 95 different countries Canada has reported 1,168 cases of monkeypox to date (2 in the Yukon, 119 cases in British Columbia, 19 in Alberta, 3 in Saskatchewan, 571 in Ontario, 453 in Quebec, and 1 in New Brunswick) Manitoba has detected its first case of monkeypox The US has reported additional cases of monkeypox in children in Texas, New York, and Oregon 			
<u>Rabbit Hemorrhagic Disease in the US</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 11</u>	<u>Avg. Rating: 2.7</u>
<ul style="list-style-type: none"> Wisconsin has reported the state's first findings of RHDV2 in 3 domestic rabbits in La Crosse County 			
<u>African Swine Fever in Europe</u>	<u>No. of Signals: 09</u>	<u>No. of weeks in report: 139</u>	<u>Avg. Rating: 2.0 - 2.7</u>
<ul style="list-style-type: none"> Macedonia, Moldova, Russia, Romania, and Latvia have reported outbreaks of ASF in domestic swine Latvia, Romania, and Hungary have reported cases of ASF in wild boar 			
<u>West Nile Virus in Canada</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 05</u>	<u>Avg. Rating: 2.5</u>
<ul style="list-style-type: none"> In Ontario, mosquitoes recently trapped in Peterborough have tested positive for WNV 			
<u>Ebola in the Democratic Republic of Congo</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 02</u>	<u>Avg. Rating: 2.5</u>
<ul style="list-style-type: none"> A new case of Ebola virus has been confirmed in the city of Beni in eastern DRC; testing has shown that the case is genetically linked to the 2018-2020 outbreak in North Kivu and Ituri provinces 			
<u>Anaplasmosis, Lyme Disease, Babesiosis in the US</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 02</u>	<u>Avg. Rating: 2.5</u>
<ul style="list-style-type: none"> Washington has reported its first locally acquired human case of anaplasmosis in a man in his 80s, discovered on Aug 8; until now, only dogs have been diagnosed with locally acquired anaplasmosis in Washington Maine's reported Lyme disease cases this year are on pace to exceed the totals for 2020 and 2021; cases of anaplasmosis are also tracking higher, with 610 cases through Aug 14, 2022 (compared to 841 for all of 2021); 97 cases of babesiosis have been reported so far this year 			
<u>Highly Pathogenic Avian Influenza in Europe</u>	<u>No. of Signals: 04</u>	<u>No. of weeks in report: 88</u>	<u>Avg. Rating: 2.0 – 2.2</u>
<ul style="list-style-type: none"> Russia, France, and Portugal have reported outbreaks of HPAI H5N1 in domestic poultry Norway has reported cases of HPAI H5N1 in wild birds A summary of the overall HPAI situation in Europe is available here 			

SCIENTIFIC FINDINGS & REPORTS:

Influenza

- ◆ A Eurasian avian-like H1N1 swine influenza reassortant virus became pathogenic and highly transmissible due to mutations in its PA gene [Read More](#)

Monkeypox

- ◆ Pre-print: Monkeypox virus shows potential to infect a diverse range of native animal species across Europe, indicating high risk of becoming endemic in the region [Read More](#)
- ◆ Human Monkeypox without Viral Prodrome or Sexual Exposure, California, USA, 2022 [Read More](#)
- ◆ Detection of Monkeypox Virus in Anorectal Swabs From Asymptomatic Men Who Have Sex With Men in a Sexually Transmitted Infection Screening Program in Paris, France [Read More](#)
- ◆ High-Contact Object and Surface Contamination in a Household of Persons with *Monkeypox Virus* Infection — Utah, June 2022 [Read More](#)

Coronavirus

- ◆ Pre-print: Identification of Coronavirus in Bats and Rodents From Northern and Central Argentina [Read More](#)

Other

- ◆ Detection of filovirus-reactive antibodies in Australian bat species [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.