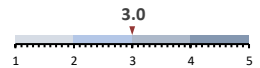


**SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)**

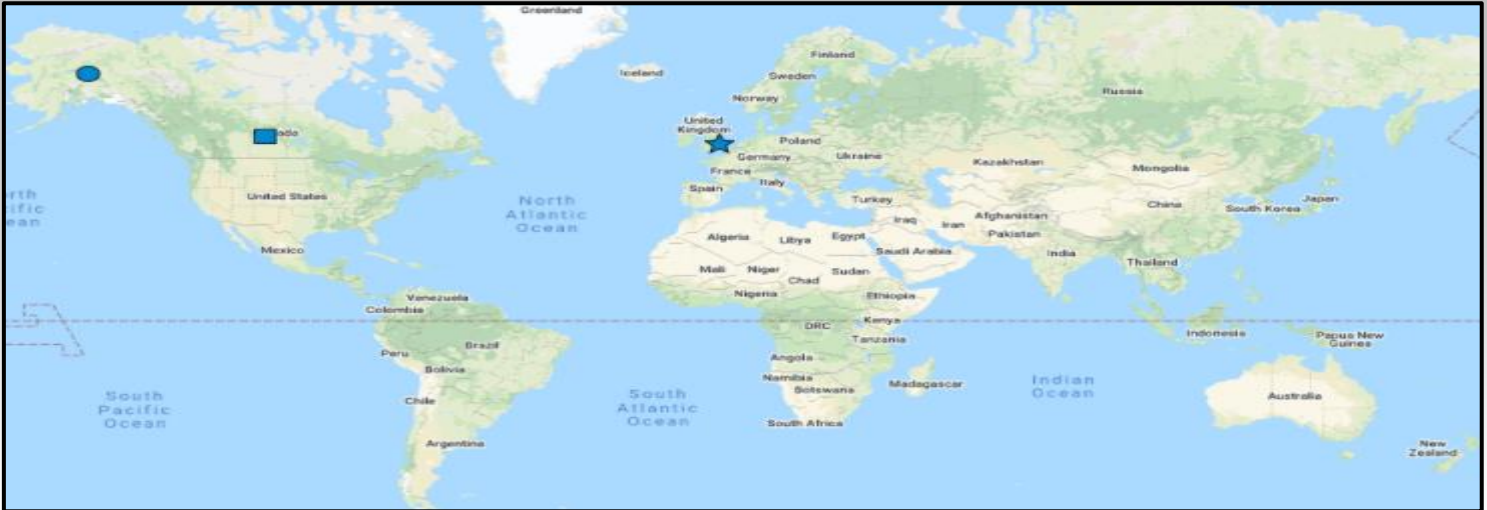
**African Swine Fever**

◆ **Haiti** has confirmed an outbreak of ASF in Anse-à-Pitre, near the border of the Dominican Republic; this is the first outbreak of ASF in **Haiti** since 1984

[Read More](#)



**NEW EVENTS: (events rated > 2)**



■ **White-nose syndrome in Saskatchewan**

**Pathogen:** Fungi ; **Transmission:** Direct contact, fomite ; **Species affected in event:** N/A

① Researchers with the Wildlife Conservation Society report that they've found the fungus that causes white-nose syndrome in eastern Saskatchewan. Although the fungus is now present in Saskatchewan, no bats have yet been diagnosed with the disease. That's because it takes a hibernation season for symptoms of the syndrome to appear. As well, little is known about where and how Prairie bats hibernate, making it tough to find animals that don't survive. [Read More](#)

Avg. Rating	2.8
No. of Signal	1
No. of Ratings	6

● **Alaskapox in Fairbanks, Alaska**

**Pathogen:** Virus ; **Transmission:** Unknown ; **Species affected in event:** Human

① Alaska reported in July and August 2021, two unrelated persons from the Fairbanks area presented with orthopox-like lesions to an urgent care clinic. While no specific source of infection was identified for either patient, both spent time outdoors in the Fairbanks area during the summer. Officials say as more Alaskapox virus infections in humans are identified, some patterns are beginning to emerge. The identification of these two cases with no travel history and no epidemiologic links to other known cases provides further evidence that human cases occur following occasional spillover from an animal reservoir. [Read More](#)

Avg. Rating	2.0 - 2.8
No. of Signal	2
No. of Ratings	3 - 25

★ **Bovine spongiform encephalopathy in England**

**Pathogen:** Prion ; **Transmission:** Ingestion ; **Species affected in event:** Cattle

① A single case of classical BSE has been confirmed on a farm in Somerset. The animal died on farm and was tested as part of TSE surveillance controls. Movement restrictions have been put in place on the farm. The cohort and offspring of this animal will be culled and tested for BSE. [Read More](#)

Avg. Rating	2.5 - 2.7
No. of Signal	2
No. of Ratings	6

## CONTINUED EVENTS: (events rated ≥ 2.4)

<b><u>African Swine Fever in the Caribbean</u></b> <ul style="list-style-type: none"> <li><a href="#">Haiti</a> has confirmed an outbreak of ASF in Anse-à-Pitre, near the border of the Dominican Republic; this is the first outbreak of ASF in Haiti since 1984</li> <li>In the <a href="#">Dominican Republic</a>, as of Sept 16 2021, a total of 47 outbreaks of ASF have been identified in the country, affecting 18 of 31 provinces</li> </ul>	<b><u>No. of Signals: 02</u></b>	<b><u>No. of weeks in report: 06</u></b>	<b><u>Avg. Rating: 2.6 – 3.0</u></b>
<b><u>Epidemiological Hemorrhagic Disease in the United States</u></b> <ul style="list-style-type: none"> <li>In <a href="#">Wyoming</a>, outbreaks of EHD were confirmed based on sampling of dead deer and pronghorn near Arvada in northern Wyoming as well as near Douglas, Laramie and Cheyenne</li> <li>In <a href="#">Nebraska</a>, wildlife experts are seeing an uptick in EHD (note: article seems to use EHD and bluetongue virus interchangeably)</li> <li>In <a href="#">New York</a>, EHD has been confirmed in deer in Suffolk, Nassau and five other counties, there are also suspected cases in nine other counties</li> <li>In <a href="#">Idaho</a>, multiple samples collected from dead deer in the Panhandle have tested positive for EHD</li> </ul>	<b><u>No. of Signals: 04</u></b>	<b><u>No. of weeks in report: 04</u></b>	<b><u>Avg. Rating: 2.0 – 2.8</u></b>
<b><u>African Swine Fever in Europe</u></b> <ul style="list-style-type: none"> <li><a href="#">Romania</a> has reported an outbreak of ASF in domestic swine</li> <li><a href="#">Poland</a> has reported a case of ASF in wild boar</li> <li>ASF is likely to be around in <a href="#">Germany</a> for at least another 5 years</li> </ul>	<b><u>No. of Signals: 03</u></b>	<b><u>No. of weeks in report: 107</u></b>	<b><u>Avg. Rating: 2.0 – 2.5</u></b>
<b><u>COVID-19 Worldwide (as of September 19, 2021)</u></b> <ul style="list-style-type: none"> <li><a href="#">Worldwide</a>, there have been 228,206,384 confirmed cases of COVID-19 with 4,687,066 deaths reported</li> <li>In <a href="#">Canada</a>, there have been 1,569,186 cases of COVID-19 with 27,370 deaths reported</li> <li>In <a href="#">Mongolia</a>, at least 7 beavers have tested positive for SARS-CoV-2</li> <li>The <a href="#">Atlanta zoo</a> is reporting presumptive positive tests for SARS-CoV2 in its gorilla population</li> <li>Lions and tigers at the <a href="#">National Zoo</a> in Washington have also tested positive for SARS-CoV-2</li> <li><a href="#">Spain</a> has reported additional cases of SARS-CoV-2 in mink</li> </ul>	<b><u>No. of Signals: 36</u></b>	<b><u>No. of weeks in report: 55</u></b>	<b><u>Avg. Rating: 1.0 – 2.5</u></b>
<b><u>Influenza A (H5N6) in China</u></b> <ul style="list-style-type: none"> <li><a href="#">Hong Kong</a> has reported an additional human case of avian influenza A(H5N6) in mainland China; to date, 43 human cases of influenza A(H5N6) have been reported in mainland China, the latest being the 19th case in 2021</li> </ul>	<b><u>No. of Signals: 02</u></b>	<b><u>No. of weeks in report: 12</u></b>	<b><u>Avg. Rating: 2.1 – 2.4</u></b>
<b><u>African Swine Fever in Asia</u></b> <ul style="list-style-type: none"> <li><a href="#">China</a> reported 12 ASF cases to the OIE in 2021, down from 105 in 2018; some industry experts believe China may be under-reporting infection numbers</li> <li><a href="#">Taiwan</a> said it plans to tighten checks on all goods imported via air cargo from high-risk countries for ASF beginning next year</li> </ul>	<b><u>No. of Signals: 03</u></b>	<b><u>No. of weeks in report: 122</u></b>	<b><u>Avg. Rating: 2.0 – 2.4</u></b>
<b><u>Highly Pathogenic Avian Influenza in Europe</u></b> <ul style="list-style-type: none"> <li>Risk Assessment: Avian Influenza threat high for <a href="#">Germany &amp; Europe</a> this fall</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>	<b><u>No. of Signals: 02</u></b>	<b><u>No. of weeks in report: 43</u></b>	<b><u>Avg. Rating: 2.0 - 2.3</u></b>

## SCIENTIFIC FINDINGS:

- ◆ University of Missouri project studies increasing prevalence of chronic wasting disease [Read More](#)
- ◆ Impacts of Taking, Trade and Consumption of Terrestrial Migratory Species for Wild Meat [Read More](#)
- ◆ Resurgence of Ebola virus in 2021 in Guinea suggests a new paradigm for outbreaks [Read More](#)
- ◆ Pre-print: A strategy to assess spillover risk of bat SARS-related coronaviruses in Southeast Asia [Read More](#)
- ◆ Integrating animal movements with phylogeography to model the spread of PRRSV in the USA [Read More](#)
- ◆ Human Infection with Avian Influenza A(H9N2) Virus, Cambodia, February 2021 [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.