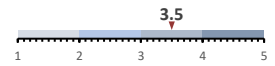


## SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

### Highly Pathogenic Avian Influenza

Over the past week, **Canada** has reported one additional outbreak of HPAI in **British Columbia**

[Read More](#)



### African Swine Fever

In **Italy**, ASF has been reported in 2 domestic pigs on a small family farm near **Rome**

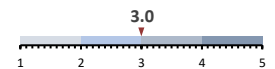
[Read More](#)



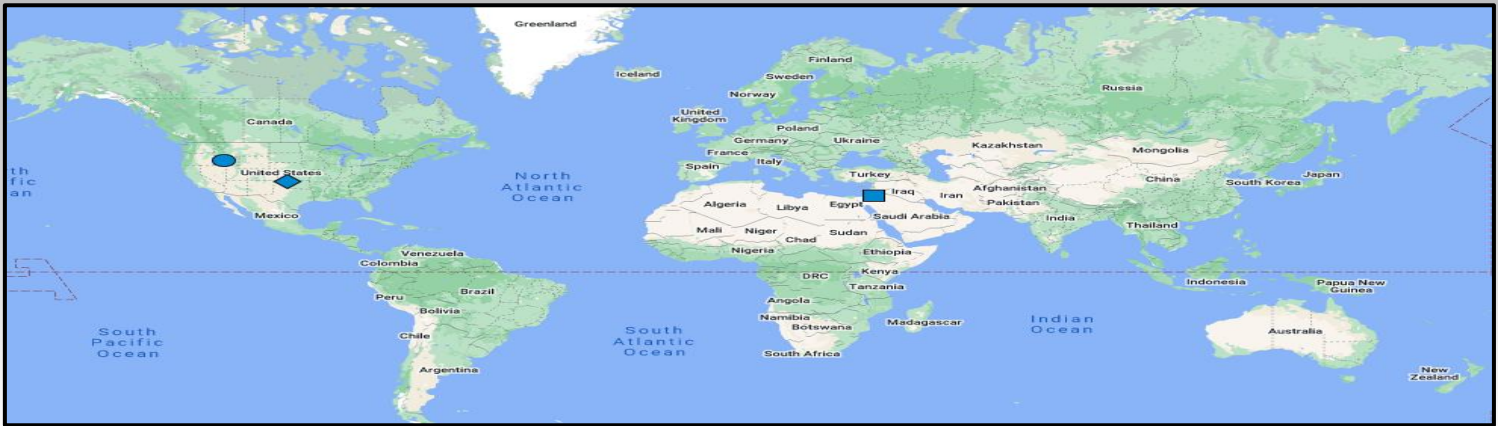
### Monkeypox

As of June 12 2022, the CDC is reporting 1678 confirmed cases of monkeypox across 35 different countries, with 123 reported in **Canada**

[Read More](#)



## NEW EVENTS: (events rated > 2)



### Brucella abortus in Israel

**Pathogen:** Bacteria ; **Transmission:** Direct contact; **Species affected in event:** Cattle

In Israel, a sample from a dairy farm in Eliad, southern Golan, HaZafon district, has been identified by sequencing as a field strain of *Brucella abortus*. This is the first occurrence of *B. abortus* in Israel since 1984.

[Read More](#)

Avg. Rating	2.7
No. of Signal	1
No. of Ratings	3

### White-nose syndrome in Idaho, USA

**Pathogen:** Fungus ; **Transmission:** Direct contact, fomite; **Species affected in event:** Bat

In Idaho, six out of thirty-three bats (swabbed in October 2021) have tested positive for *Pseudogymnoascus destructans*, the fungus that causes white-nose syndrome. The bats were located in Minnetonka Cave in Bear Lake County, and it's the first case of the fungus ever being detected in Idaho after a decade of testing.

[Read More](#)

Avg. Rating	2.7
No. of Signal	1
No. of Ratings	3

### Salmonellosis in the USA

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

In the USA, the CDC is investigating a multistate outbreak of *Salmonella* infections with serotypes *Enteritidis*, *Hadar*, *Infantis*, and *Typhimurium* linked to contact with backyard poultry. As of June 2, 2022, a total of 219 illnesses have been reported from 38 states, and 27 people have been hospitalized. One in four sick people are children younger than 5 years. One death has been reported from Tennessee.

[Read More](#)

Avg. Rating	2.0 - 2.4
No. of Signal	4
No. of Ratings	2 - 3

## CONTINUED EVENTS: (events rated ≥ 2.4)

<b>Highly Pathogenic Avian Influenza in North America</b>	<b>No. of Signals: 03</b>	<b>No. of weeks in report: 23</b>	<b>Avg. Rating: 2.3 – 3.5</b>
<ul style="list-style-type: none"> <li>Over the last week, <a href="#">Canada</a> has reported additional outbreaks of HPAI in: British Columbia (1)</li> <li>Over the last week, the <a href="#">USDA</a> has reported outbreaks of HPAI H5N1 in commercial poultry (Colorado) and backyard birds (Indiana, Washington, Oregon)</li> </ul>			
<b>African Swine Fever in Europe</b>	<b>No. of Signals: 06</b>	<b>No. of weeks in report: 134</b>	<b>Avg. Rating: 2.0 – 3.3</b>
<ul style="list-style-type: none"> <li>In <a href="#">Italy</a>, ASF has been reported in 2 domestic pigs on a small family farm near Rome</li> <li><a href="#">Germany</a>, <a href="#">Romania</a>, and <a href="#">Latvia</a> have reported cases of ASF in wild boar</li> <li><a href="#">Romania</a> has reported outbreaks of ASF in domestic swine</li> </ul>			
<b>Monkeypox worldwide</b>	<b>No. of Signals: 41</b>	<b>No. of weeks in report: 05</b>	<b>Avg. Rating: 1.3 – 3.0</b>
<ul style="list-style-type: none"> <li>As of June 12 2022, the <a href="#">CDC</a> is reporting 1678 confirmed cases of monkeypox across 35 different countries, with 123 reported in Canada</li> <li>In Ontario, <a href="#">Toronto</a> public health has reported 18 positive cases with 23 others under investigation; <a href="#">Ottawa</a> and <a href="#">Middlesex-London</a> have reported their first cases of monkeypox</li> <li><a href="#">Quebec</a> has a total of 98 confirmed cases of monkeypox, and &gt;1600 people have been vaccinated</li> <li><a href="#">Alberta</a> has now confirmed four cases of monkeypox</li> </ul>			
<b>Lyme Disease in Canada</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 01</b>	<b>Avg. Rating: 2.8</b>
<ul style="list-style-type: none"> <li><a href="#">Quebec's</a> Eastern Townships are experiencing a spike in ticks carrying Lyme disease; in 2021, the number of people infected with the disease in the region doubled compared to the year before (387 in 2021 compared to 157 in 2020) and more than half of the people infected with Lyme disease in the province contracted it in the Eastern Townships</li> </ul>			
<b>Porcine Epidemic Diarrhea in Canada</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 10</b>	<b>Avg. Rating: 2.7</b>
<ul style="list-style-type: none"> <li>Pork producers in <a href="#">Manitoba</a> are advised to be additionally careful as increased numbers of pigs that have recovered from PED move to finish or slaughter and as manure from infected swine barns is spread on fields</li> </ul>			
<b>Highly Pathogenic Avian Influenza in Europe</b>	<b>No. of Signals: 09</b>	<b>No. of weeks in report: 78</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">Croatia</a>, <a href="#">Russia</a>, <a href="#">Hungary</a>, and the <a href="#">Netherlands</a> have reported HPAI H5N1 in domestic poultry</li> <li><a href="#">Poland</a>, <a href="#">Russia</a>, <a href="#">Finland</a>, and <a href="#">Belgium</a> have reported HPAI H5N1 in wild birds</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>			
<b>Highly Pathogenic Avian Influenza in Asia</b>	<b>No. of Signals: 04</b>	<b>No. of weeks in report: 64</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">Taiwan</a> has reported HPAI H5N2 in wild birds</li> <li><a href="#">Japan</a> has reported HPAI H5 in wild birds</li> <li><a href="#">Iraq</a> has reported an outbreak of HPAI H5N8 in domestic poultry in Baghdad</li> </ul>			
<b>Highly Pathogenic Avian Influenza in Africa</b>	<b>No. of Signals: 03</b>	<b>No. of weeks in report: 30</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">Guinea</a> has reported six outbreaks of HPAI H5N1 on farms in the western part of the country</li> </ul>			

## SCIENTIFIC FINDINGS & REPORTS:

### Influenza

- ◆ Maintenance and dissemination of avian-origin influenza A virus within the northern Atlantic Flyway of North America [Read More](#)
- ◆ A novel reassortant avian influenza H4N6 virus isolated from an environmental sample during a surveillance in Maharashtra, India [Read More](#)
- ◆ Potential Threats to Human Health from Eurasian Avian-Like Swine Influenza A(H1N1) Virus and Its Reassortants [Read More](#)
- ◆ Genetic Determinants for Virulence and Transmission of the Panzootic Avian Influenza Virus H5N8 Clade 2.3.4.4 in Pekin Ducks [Read More](#)

### Chronic Wasting Disease

- ◆ Susceptibility of Beavers to Chronic Wasting Disease [Read More](#)

### Coronavirus

- ◆ Suspected Cat-to-Human Transmission of SARS-CoV-2, Thailand, July–September 2021 [Read More](#)
- ◆ Discovery of a Novel Coronavirus in Swedish Bank Voles (*Myodes glareolus*) [Read More](#)

### Other

- ◆ Adaptive risk-based targeted surveillance for foreign animal diseases at the wildlife-livestock interface [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.