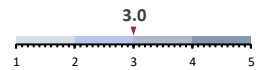


## SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

### Rabies

- ◆ The CFIA has reported that a rabid dog was imported into **Ontario** from Iran; the dog was imported on July 1, 2021, started showing signs of rabies on July 11, and was euthanized the next day; **genetic sequencing confirmed the dog was infected with a canine rabies virus variant previously reported in Iran and Iraq, dog-mediated rabies has not been reported in Canada since the 1960s.**

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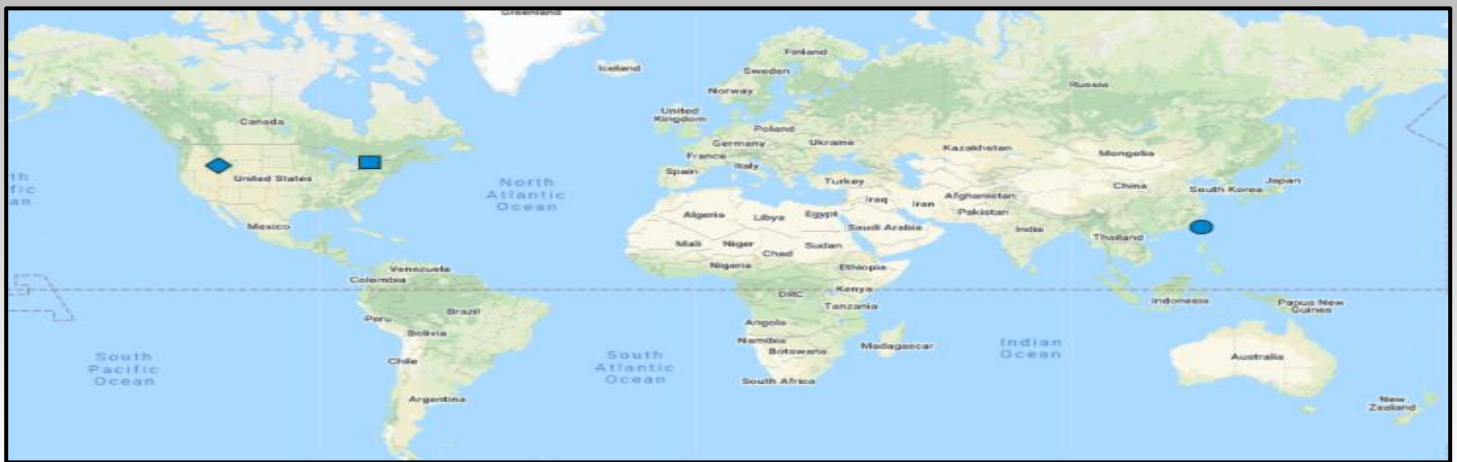
### Highly Pathogenic Avian Influenza

- ◆ **Taiwan** has reported a new reassortment of HPAI subtype H5N2 in dead ducks abandoned on August 11 in Yunlin

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## NEW EVENTS: (events rated > 2)



### Rabies in imported dog in Ontario

**Pathogen:** Virus ; **Transmission:** Direct contact ; **Species affected in event:** Canine

① The CFIA has reported that a rabid dog was imported into Ontario from Iran. The dog was imported on July 1, 2021, started showing signs of rabies on July 11, and was euthanized July 12. An investigation of the case identified 24 people who potentially had contact with the rabid dog, 14 of which received rabies post-exposure prophylaxis. There was no reported contact with other dogs or any other animals. **Genetic sequencing confirmed the dog was infected with a canine rabies virus variant previously reported in Iran and Iraq. Dog-mediated rabies has not been reported in Canada since the 1960s.**

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Avg. Rating	3.0
No. of Signal	1
No. of Ratings	5

### Highly Pathogenic Avian Influenza H5N2 in Taiwan

**Pathogen:** Virus ; **Transmission:** Aerosol, direct contact, fomite ; **Species affected in event:** Avian

① Taiwan has reported a new reassortment of HPAI subtype H5N2 in dead ducks abandoned on August 11 beside the Mailiao Industrial Road in Yunlin. The H5 subtype gene is similar (99.2%) to the H5N8 subtype virus detected in wild bird and poultry farms in Korea in the winter of 2020 and early this year. The N2 subtype gene is similar (98.9%) to the 2020 Hokkaido wild avian influenza virus strain. The HA gene and NA gene show that this virus is completely different from the H5N2 avian influenza virus strain circulating in Taiwan's poultry farms. It is a new virus strain.

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Avg. Rating	3.0
No. of Signal	1
No. of Ratings	3

### Undiagnosed Disease in Deer in the US

**Pathogen:** Unknown ; **Transmission:** Unknown ; **Species affected in event:** Cervid

① Idaho is continuing to receive reports of dead deer in the Kamiah area. Around 150 white-tailed deer have died of some sort of disease in north central Idaho and it isn't clear what is causing it according to game officials. Tests for bluetongue, epizootic hemorrhagic disease, and adenovirus hemorrhagic disease have come back negative in the corpses tested.

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Avg. Rating	2.0 - 2.3
No. of Signal	2
No. of Ratings	4 - 5

## CONTINUED EVENTS: (events rated $\geq 2.4$ )

<b><u>African Swine Fever in the Caribbean</u></b>	<b><u>No. of Signals: 05</u></b>	<b><u>No. of weeks in report: 04</u></b>	<b><u>Avg. Rating: 2.0 - 2.5</u></b>
<ul style="list-style-type: none"> <li>No new outbreaks of ASF have been reported in the <a href="#">Dominican Republic</a> this week and a total of 30,991 pigs have been culled so far</li> </ul>			
<b><u>African Swine Fever in Asia</u></b>	<b><u>No. of Signals: 02</u></b>	<b><u>No. of weeks in report: 118</u></b>	<b><u>Avg. Rating: 2.0 - 2.5</u></b>
<ul style="list-style-type: none"> <li>In the <a href="#">Philippines</a>, another town in Ilocos Norte has been added to the red zone map of ASF after 2 villages in Banna town were found to have been infected with the disease</li> </ul>			
<b><u>Highly Pathogenic Avian Influenza in Europe</u></b>	<b><u>No. of Signals: 09</u></b>	<b><u>No. of weeks in report: 39</u></b>	<b><u>Avg. Rating: 1.5 - 2.5</u></b>
<ul style="list-style-type: none"> <li><a href="#">Poland</a> has reported an outbreak of HPAI H5N8 in domestic poultry in Losy</li> <li><a href="#">Scotland</a> has reported HPAI H5N1 in wild birds</li> <li><a href="#">Finland</a>, <a href="#">Norway</a>, and the <a href="#">Netherlands</a> have reported HPAI H5N8 in wild birds</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>			
<b><u>COVID-19 Worldwide (as of August 23, 2021)</u></b>	<b><u>No. of Signals: 51</u></b>	<b><u>No. of weeks in report: 53</u></b>	<b><u>Avg. Rating: 1.0 - 2.5</u></b>
<ul style="list-style-type: none"> <li><a href="#">Worldwide</a>, there have been 211,373,303 confirmed cases of COVID-19 with 4,424,341 deaths reported</li> <li>In <a href="#">Canada</a>, there have been 1,465,866 cases of COVID-19 with 26,789 deaths reported</li> <li>The <a href="#">British Columbia</a> government is identifying more cases of COVID-19 in mink as the province's affected fur farms remain under quarantine; as of Aug. 6, eight mink have tested positive for the virus on one farm, after two cases were initially identified in May</li> </ul>			
<b><u>Highly Pathogenic Avian Influenza in Africa</u></b>	<b><u>No. of Signals: 04</u></b>	<b><u>No. of weeks in report: 15</u></b>	<b><u>Avg. Rating: 1.8 - 2.0</u></b>
<ul style="list-style-type: none"> <li><a href="#">South Africa</a> has reported an outbreak of HPAI H5N1 in domestic poultry in KwaZulu-Natal</li> </ul>			

## SCIENTIFIC FINDINGS:

- ◆ Report of the scientific task force on preventing pandemics [Read More](#)
- ◆ Equine attachment site preferences and seasonality of common North American ticks: *Amblyomma americanum*, *Dermacentor albipictus*, and *Ixodes scapularis* [Read More](#)
- ◆ In Ontario, Thunder Bay is reporting that 62.5% percent of black-legged ticks collected via active surveillance this year have tested positive for the Lyme disease bacteria, *Borrelia burgdorferi* [Read More](#)
- ◆ First report on outbreaks of contagious ovine digital dermatitis in Sweden [Read More](#)
- ◆ Porcine Parvovirus 2 Is Predominantly Associated With Macrophages in Porcine Respiratory Disease Complex [Read More](#)
- ◆ Research Expected to Help Determine when PED Infected Manure Storages Can be Considered Negative [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.