

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

No relevant events to report this week

NEW EVENTS: (events rated > 2)



Equine Herpesvirus 1 in Ontario

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

① On Sept. 23, 2021, OMAFRA confirmed a 25-year-old mare from an Ottawa Region boarding facility with EHV-1. The mare had presented on Sept. 19 with neurologic signs and was euthanized on Sept. 20. No other horses have shown clinical signs related to EHV-1 infection. [Read More](#)

Avg. Rating	2.5 - 2.8
No. of Signal	2
No. of Ratings	4

Canine Influenza H3N2 in California

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

① Between July and September 22, 2021 a total of 279 confirmed cases canine influenza H3N2 and 120 suspected cases have been reported in Los Angeles county. Five dogs have died linked to this outbreak. Most cases were associated with attending boarding kennels or dog daycare settings. Veterinary Public Health suspects this outbreak likely involves more than 1000 cases of CIV H3N2 in LA County dogs. [Read More](#)

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

Psittacosis in Chile

Pathogen: Bacteria ; **Transmission:** Aerosol, direct contact ; **Species affected in event:** Human

① Chile has reported an increase in confirmed cases of psittacosis, originating in agricultural companies in the Puerto Octay, Los Lagos region. To date 15 confirmed cases have shown positive antibodies to *Chlamydophila psittaci*. The new cases are linked to an index case, a 28-year-old veterinarian who at the end of July was admitted to San José Base hospital due to pneumonia and at the time suspected of having Q fever. [Read More](#)

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

New strain of Foot and Mouth Disease in Namibia

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

① Namibia has detected a novel strain of FMD in its cattle herd after finding high rates of infection despite vaccinations in the affected herds. The minister said the new strain, FMD serotype O, was detected in early August for the first time in the southern African nation, adding that investigations found it was introduced into the country from Zambia through the illegal cross-border movement of livestock. [Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	6

Equine Infectious Anemia in Alberta

Pathogen: Virus ; **Transmission:** Vector, fomite ; **Species affected in event:** Equine

① On Sept. 17, the CFIA national reference laboratory confirmed EIA in a horse on a Saddle Lake, Alberta, premises. An accredited veterinarian tested the horse at the owner's request because it was exhibiting clinical signs consistent with EIA. [Read More](#)

Avg. Rating	2.2
No. of Signal	1
No. of Ratings	5

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>African Swine Fever in the Caribbean</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 07</u>	<u>Avg. Rating: 2.9</u>
<ul style="list-style-type: none"> In the Dominican Republic, control efforts for ASF are hitting some snags as people don't believe that the government will pay them for their pigs, so they're hiding them; the military and police force are being used to find and identify infections 			
<u>Influenza A (H1N2v) in North America</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 08</u>	<u>Avg. Rating: 2.6 – 2.7</u>
<ul style="list-style-type: none"> Ohio has reported a new human infection with an influenza A(H1N2) variant; this is the second H1N2v case reported this year in the state 			
<u>Highly Pathogenic Avian Influenza in Europe</u>	<u>No. of Signals: 05</u>	<u>No. of weeks in report: 44</u>	<u>Avg. Rating: 2.0 - 2.5</u>
<ul style="list-style-type: none"> Germany has reported findings HPAI H5N8 in three dead seals Finland has reported HPAI H5N1 in wild birds Sweden has reported HPAI H5N8 in wild birds Russia has reported three new outbreaks of HPAI H5N1 in backyard birds, wild birds, and captive birds in a zoo A summary of the overall HPAI situation in Europe is available here 			
<u>African Swine Fever in Asia</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 123</u>	<u>Avg. Rating: 2.6</u>
<ul style="list-style-type: none"> In India, ASF has been detected in the Kanchanpur sub-division of Tripura's North district which shares the inter-state border with Mizoram 			
<u>African Swine Fever in Europe</u>	<u>No. of Signals: 08</u>	<u>No. of weeks in report: 108</u>	<u>Avg. Rating: 2.0 – 2.4</u>
<ul style="list-style-type: none"> To combat ASF, Germany is planning a wild boar-free zone (a protective corridor between two fences) along the Polish border Poland, Latvia, and Romania have reported outbreaks of ASF in domestic swine 			
<u>COVID-19 Worldwide (as of September 26, 2021)</u>	<u>No. of Signals: 38</u>	<u>No. of weeks in report: 56</u>	<u>Avg. Rating: 1.0 – 2.3</u>
<ul style="list-style-type: none"> Worldwide, there have been 231,551,680 confirmed cases of COVID-19 with 4,743,708 deaths reported In Canada, there have been 1,598,807 cases of COVID-19 with 27,620 deaths reported The USDA has confirmed finding SARS-CoV-2 in a ferret in Florida 			
<u>Influenza A (H5N6) in China</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 13</u>	<u>Avg. Rating: 2.0 – 2.1</u>
<ul style="list-style-type: none"> China has reported another human case of H5N6 avian influenza, this one in a 53-year-old man living in Dongguan City; to date, 44 human cases of influenza A(H5N6) have been reported in mainland China, the latest being the 20th case in 2021 			
<u>Highly Pathogenic Avian Influenza in Asia</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 32</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 Lang Son 			

SCIENTIFIC FINDINGS:

- ◆ Ongoing Outbreak of Extensively Drug-Resistant *Campylobacter jejuni* Infections Associated With US Pet Store Puppies, 2016-2020 [Read More](#)
- ◆ Washington State University researchers discover one way elk become infected with devastating hoof disease [Read More](#)
- ◆ Missouri State University research team helps discover Asian longhorned tick in southwest Missouri [Read More](#)
- ◆ Researchers Assess Risk of FMD Exposure From Infected Imported Feed [Read More](#)
- ◆ Researchers Examine Role of Canine Parvovirus type 2 in Causing Disease in Pigs [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.