

SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Highly Pathogenic Avian Influenza	<ul style="list-style-type: none"> HPAI H5N1 has been confirmed for the first time in a black bear exhibiting unusual behaviour in June at Forillon National Park in the Gaspésie region, Quebec 	Read More	
Asian Long Horned Tick	<ul style="list-style-type: none"> The ALHT has been identified in 11 states across the U.S. over the past five years and is currently the only known vector for <i>Theileria orientalis</i> (Ikeda) in the U.S.; therefore the geographic spread of Ikeda can be assumed to be either the result of infected cattle movement or the relocation of infected ticks (while on cattle or wildlife hosts including birds) 	Read More	
Anaplasmosis	<ul style="list-style-type: none"> Anaplasmosis is on the rise in Nova Scotia, with 75 cases reported so far this year compared to only a handful of cases last year 	Read More	

NEW EVENTS: (events rated > 2)

No new events to report this week

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>Anaplasmosis in Canada</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"> Anaplasmosis is on the rise in Nova Scotia, with 75 cases reported so far this year compared to only a handful of cases last year 			
<u>Highly Pathogenic Avian Influenza in North America</u>	<u>No. of Signals: 05</u>	<u>No. of weeks in report: 34</u>	<u>Avg. Rating: 2.0 - 3.0</u>
<ul style="list-style-type: none"> Over the last week, Canada has reported one outbreak of HPAI in commercial poultry in Alberta HPAI H5N1 has been confirmed for the first time in a black bear exhibiting unusual behaviour in June at Forillon National Park in the Gaspésie region, Quebec Over the last week, the USDA has reported outbreaks of HPAI H5N1 in commercial poultry in California, backyard poultry in California and North Dakota, and non-production animals in Virginia 			
<u>African Swine Fever in Europe</u>	<u>No. of Signals: 07</u>	<u>No. of weeks in report: 140</u>	<u>Avg. Rating: 2.0 - 2.8</u>
<ul style="list-style-type: none"> Russia has reported its first industrial outbreak of ASF for 2022; nearly 6,000 pigs have been culled at the Shuvalovo pig farm, and at least 3 production sites have been affected, in the Russian Kostroma region Hungary, Latvia, Poland, and Germany have reported cases of ASF in wild boar 			
<u>Highly Pathogenic Avian Influenza in Europe</u>	<u>No. of Signals: 14</u>	<u>No. of weeks in report: 90</u>	<u>Avg. Rating: 2.0 - 2.8</u>
<ul style="list-style-type: none"> Sweden has confirmed HPAI for the first in a porpoise; the young male porpoise was found stranded in Kämpersvik in late June and despite repeated attempts to get it to swim out to deeper water, it was too exhausted, got tangled in seaweed and died later that same evening Russia, France, and Germany have reported outbreaks of HPAI H5N1 in domestic poultry Bulgaria has reported HPAI H5 in domestic poultry The Netherlands have reported two suspected outbreaks of HPAI in domestic poultry Ireland, Finland, France, and Wales have reported cases of HPAI in wild birds A summary of the overall HPAI situation in Europe is available here 			
<u>Monkeypox worldwide</u>	<u>No. of Signals: 14</u>	<u>No. of weeks in report: 17</u>	<u>Avg. Rating: 2.0 - 2.8</u>
<ul style="list-style-type: none"> As of Sept 2 2022, the CDC is reporting 53,027 confirmed cases of monkeypox across 100 different countries Canada has reported 1,289 cases of monkeypox to date (2 in the Yukon, 139 cases in British Columbia, 31 in Alberta, 3 in Saskatchewan, 1 in Manitoba, 618 in Ontario, 493 in Quebec, 1 in Nova Scotia, and 1 in New Brunswick) In Quebec, a child under 5 has contracted monkeypox in Montreal 			

SCIENTIFIC FINDINGS & REPORTS:

Influenza

- ◆ Novel Zoonotic Avian Influenza Virus A(H3N8) Virus in Chicken, Hong Kong, China [Read More](#)
- ◆ Phylogenetic and epidemiological characteristics of H9N2 Avian Influenza Viruses in Shandong Province, China from 2019 to 2021 [Read More](#)

Monkeypox

- ◆ Ten-Week Follow-Up of Monkeypox Case-Patient, Sweden, 2022 [Read More](#)
- ◆ *Orthopoxvirus* Testing Challenges for Persons in Populations at Low Risk or Without Known Epidemiologic Link to Monkeypox — United States, 2022 [Read More](#)
- ◆ Pan American Health Organization - Epidemiological Update of Monkeypox in women - 26 August 2022 [Read More](#)

Vectors & Vector borne Diseases

- ◆ Asian Longhorned Ticks and Theileria: What you need to know [Read More](#)

Other

- ◆ Detection of Senecavirus A in pigs from a historically negative national swine herd and associated with feed imports from endemically infected countries [Read More](#)
- ◆ Wildlife susceptibility to infectious diseases at global scales [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.