

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

No relevant events to report this week

NEW EVENTS: (events rated > 2)



Anaplasmosis in Ontario man

Pathogen: Bacteria ; **Transmission:** Vector ; **Species affected in event:** Human

① An Ontario man, living in Ivy Lea, Ont., near Gananoque, was recently diagnosed with anaplasmosis. Dr. Gerald Evans, an infectious disease expert with Queen’s University, says more cases of anaplasmosis are being reported in southern Canada, particularly in southern Quebec and south-eastern Ontario. In 2020, one case was reported in the region, this year that’s jumped to seven.

[Read More](#)

Avg. Rating	2.8
No. of Signal	1
No. of Ratings	5

CONTINUED EVENTS: (events rated ≥ 2.4)

Chronic Wasting Disease in the US

No. of Signals: 03

No. of weeks in report: 13

Avg. Rating: 2.0 - 2.8

- CWD was confirmed last month on Maple Hill Farms near Gilman, [Wisconsin](#); since then, state and federal government agencies have been working to trace hundreds of deer that were shipped from the farm to 40 different facilities in seven states over the last five years

African Swine Fever in the Caribbean

No. of Signals: 01

No. of weeks in report: 08

Avg. Rating: 2.7

- In [Haiti](#), a truck from the Dominican Republic carrying 18 pigs infected with ASF was intercepted, the animals were killed and buried in a pit

African Swine Fever in Asia

No. of Signals: 05

No. of weeks in report: 124

Avg. Rating: 2.3 – 2.6

- In the Philippines, the city of Batac in [Ilocos Norte](#) has been tagged as a red zone area due to an outbreak of ASF; ASF has already spread to 49 towns and cities in [Eastern Visayas](#) and continues to infect new areas
- [Vietnam](#) has reported cases of ASF in domestic swine in Nghe An

African Swine Fever in Europe

No. of Signals: 09

No. of weeks in report: 109

Avg. Rating: 1.8 – 2.6

- [Russia](#) has reported an outbreak of ASF at a site of the country’s largest pork producer Miratorg in the Belgorod region in the central Russia
- [Romania](#) and [Poland](#) have reported outbreaks of ASF in domestic swine
- [Poland](#) and [Latvia](#) have reported cases of ASF in wild boar

Rabbit Hemorrhagic Disease in the US

No. of Signals: 01

No. of weeks in report: 08

Avg. Rating: 2.5

- [Minnesota](#) has reported its first cases of RHDV2 in two rabbits that died suddenly in Ramsey County this September [2021]

White nose syndrome in the US

No. of Signals: 01

No. of weeks in report: 03

Avg. Rating: 2.5

- In [Washington](#), a dead bat found in April [2021] near Malaga (Chelan County) was infected with white-nose syndrome

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 09

No. of weeks in report: 45

Avg. Rating: 2.0 - 2.4

- The [Czech Republic](#) has recorded an HPAI H5 outbreak at a small, non-commercial farm in the central region of the country
- [Finland](#) and [Sweden](#) have reported cases of HPAI H5N1 in wild birds; [France](#) has reported a case of HPAI H7N7 in a wild bird
- A summary of the overall HPAI situation in Europe is available [here](#)

Influenza A (H5N6) in China

No. of Signals: 04

No. of weeks in report: 14

Avg. Rating: 2.0 – 2.4

- [China](#) has reported another two human cases of H5N6 avian influenza; this brings the total number of cases reported in China since 2014 to 47, with approximately half recorded in the past year

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 01

No. of weeks in report: 33

Avg. Rating: 2.0

- The [Lao People’s Republic](#) has reported an outbreak of HPAI H5 in backyard birds in Xiangkhoang



WEEKLY INTELLIGENCE REPORT

September 27th – October 3rd, 2021

SCIENTIFIC FINDINGS:

- ◆ The USDA has announced that the ASFv vaccine ASFV-G-ΔI177L has been shown to be effective for both European pigs and pigs native in Vietnam protecting against the circulating Vietnamese ASFv strain [Read More](#)
- ◆ Human melioidosis caused by novel transmission of *Burkholderia pseudomallei* from freshwater home aquarium, United States [Read More](#)
- ◆ Generation of human chronic wasting disease in transgenic mice [Read More](#)
- ◆ Identifying and prioritizing potential human-infecting viruses from their genome sequences [Read More](#)
- ◆ Novel alphaherpesvirus in a wild South American sea lion (*Otaria byronia*) with pulmonary tuberculosis [Read More](#)
- ◆ Researchers Examine Transmissibility and Pathogenicity of Porcine Circovirus 3 [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.