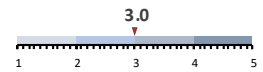


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- ◆ Officials say the **UK** and **Ireland** are experiencing the "largest ever outbreak" of an avian influenza; **Great Britain** has recorded 38 confirmed farm outbreaks, with 300 cases detected in wild birds; in the **Republic of Ireland**, four sites in County Monaghan and County Cavan have been affected, with 57 cases counted in wild birds

[Read More](#)



NEW EVENTS: (events rated > 2)



■ Jamestown Canyon virus in Rhode Island

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

Ⓞ Rhode Island has reported its first human Jamestown Canyon Virus (JCV) case in the state since 2013. The person who tested positive for Jamestown Canyon Virus is a resident of Kent County in their 50s. This person started experiencing symptoms in mid-September and was subsequently hospitalized.

[Read More](#)

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

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 14

No. of weeks in report: 53

Avg. Rating: 2.0 - 3.0

- According to the UK's farming and environment minister, [Britain](#) is having its worst/largest ever outbreak of AI, with 36 confirmed outbreaks this year
- In [Scotland](#), a flock of free-range hens from a commercial premises near Gretna, Dumfriesshire, Dumfries and Galloway, has tested positive for HPAI H5N1
- On Nov 25, [Austria](#) confirmed the first on-farm case of HPAI since spring 2021 on a small backyard chicken farm in Fischamend, Lower Austria
- [Portugal](#) has reported an outbreak of HPAI H5N1 in domestic poultry in Setubal
- [Estonia](#) and [Ireland](#) have reported cases of HPAI H5N1 in wild birds
- Russia has reported HPAI H5 in both [domestic poultry](#) and [wild birds](#)
- A summary of the overall HPAI situation in Europe is available [here](#)

Influenza A (H5N6) in China

No. of Signals: 03

No. of weeks in report: 19

Avg. Rating: 2.4 - 2.5

- China reports monitoring two additional human cases of avian influenza A(H5N6); one involving a 68-year-old man living in Huizhou, [Guangdong Province](#), who kept poultry at home; the other a 54-year-old woman living in Zigong, [Sichuan Province](#), who had exposure to deceased backyard poultry

Chronic Wasting Disease in Canada

No. of Signals: 01

No. of weeks in report: 03

Avg. Rating: 2.5

- In [Saskatchewan](#), CWD is devastating deer populations near the South Saskatchewan River Valley, with as many as 70% of male deer testing positive for the disease

African Swine Fever in Europe

No. of Signals: 08

No. of weeks in report: 119

Avg. Rating: 2.0 - 2.5

- In [Italy](#), three "illegal free ranging pigs" of the 170 slaughtered at the end of November in the Talana countryside as part of actions to combat ASF, were found to be seropositive
- [Russia](#), [Romania](#), and [Ukraine](#) have reported outbreaks of ASF in domestic swine
- [Germany](#), [Russia](#), [Romania](#), [Latvia](#), and [Hungary](#) have reported cases of ASF in wild boar
- [Scotland](#) has written to the UK government calling to stop imports of pork into the UK from EU countries with confirmed cases of ASF

Highly Pathogenic Avian Influenza in Asia

No. of Signals: 05

No. of weeks in report: 42

Avg. Rating: 2.0 - 2.5

- Israel has reported outbreaks of HPAI H5N1 in both [domestic poultry](#) and [wild birds](#)
- [Japan](#) has reported outbreaks of HPAI H5N1 in domestic poultry
- [Pakistan](#) has reported four outbreaks of HPAI H5 in farmed and backyard poultry in North-West Frontier Province



WEEKLY INTELLIGENCE REPORT

December 6th – December 12th 2021

SCIENTIFIC FINDINGS:

- ◆ CDC adds H5N6 avian influenza to Influenza RiskAssessment Tool [Read More](#)
- ◆ H9N2 virus-derived M1 protein promotes H5N6 virus release in mammalian cells: Mechanism of avian influenza virus inter-species infection in humans [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.