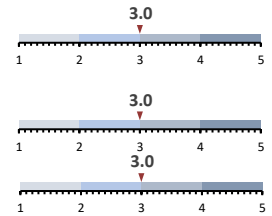


## SUMMARY: RELEVANT EVENTS (includes all events rated $\geq 3.0$ )

### Highly Pathogenic Avian Influenza

- Over the past week, **Canada** has reported additional outbreaks of HPAI in: **British Columbia** (1), **Saskatchewan** (4), **Alberta** (4), and **Ontario** (1) [Read More](#)
- Over the last week, the USDA has reported outbreaks of HPAI H5N1 in commercial poultry (**Michigan, Pennsylvania, Wisconsin**), backyard birds (**Idaho, Wisconsin, Wyoming, Minnesota, Utah, Washington**), and wild birds (**Wyoming, Alaska, New York, Idaho, North Dakota**) [Read More](#)
- In the USA, **Michigan, Minnesota, and Wisconsin** have reported findings of HPAI in wild fox kits [Read More](#)



## NEW EVENTS: (events rated $> 2$ )

No new events to report this week

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

### **Highly Pathogenic Avian Influenza in North America** **No. of Signals: 08** **No. of weeks in report: 19** **Avg. Rating: 2.7 – 3.0**

- Over the last week, [Canada](#) has reported additional outbreaks of HPAI in: British Columbia (1), Saskatchewan (4), Alberta (4), and Ontario (1)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI H5N1 in commercial poultry (Michigan, Pennsylvania, Wisconsin), backyard birds (Idaho, Wisconsin, Wyoming, Minnesota, Utah, Washington), and wild birds (Wyoming, Alaska, New York, Idaho, North Dakota)
- In the USA, [Michigan](#), [Minnesota](#), and [Wisconsin](#) have reported findings of HPAI in wild fox kits

### **Chronic Wasting Disease in Canada** **No. of Signals: 01** **No. of weeks in report: 04** **Avg. Rating: 2.7**

- In [Manitoba](#), through routine surveillance sampling for CWD, an infected mule deer was detected outside of Coulter in Game Hunting Area 28

### **Monkeypox in the UK** **No. of Signals: 02** **No. of weeks in report: 04** **Avg. Rating: 2.3 – 2.7**

- The [UK](#) has detected 4 additional cases of monkeypox, 3 in London and 1 linked case in the north east of England; investigations are underway to establish links between the latest 4 cases, who all appear to have been infected in London, with no link to travel to a country where monkeypox is endemic, and self-identify as gay, bisexual, or other men who have sex with men

### **Foot and Mouth Disease in Indonesia** **No. of Signals: 02** **No. of weeks in report: 02** **Avg. Rating: 2.2 – 2.7**

- In [Indonesia](#), outbreaks of FMD in livestock have been reported in six districts across two provinces: Aceh (two districts and 2226 livestock) and East Java (four districts and 3205 livestock)

### **Highly Pathogenic Avian Influenza in Europe** **No. of Signals: 04** **No. of weeks in report: 74** **Avg. Rating: 2.0 – 2.7**

- Hungary has reported outbreaks of HPAI H5N1 in domestic [ducks](#) and [geese](#)
- [Sweden](#) has reported HPAI H5N1 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

### **Classical Swine Fever in Japan** **No. of Signals: 01** **No. of weeks in report: 20** **Avg. Rating: 2.5**

- [Japan](#) has reported an outbreak of CSF in domestic swine in Gunma

### **Japanese Encephalitis in Australia** **No. of Signals: 01** **No. of weeks in report: 09** **Avg. Rating: 2.4**

- In Australia, there have been [41 human cases](#) (28 confirmed, 13 suspected) of JEV and 4 deaths

### **Highly Pathogenic Avian Influenza in Asia** **No. of Signals: 01** **No. of weeks in report: 61** **Avg. Rating: 2.3**

- The [Philippines](#) have reported an outbreak of HPAI H5N1 in domestic poultry in Davao Region

### **Hepatitis of Unknown Etiology Worldwide** **No. of Signals: 01** **No. of weeks in report: 03** **Avg. Rating: 2.0**

- The investigation into the cases of severe and unexplained hepatitis in children continues, with ~450 cases being reported from [~26 countries](#)

## SCIENTIFIC FINDINGS & REPORTS:

### Influenza

- WHO statement on Influenza A(H3N8) in China [Read More](#)
- Serological Surveillance of the H1N1 and H3N2 Swine Influenza A Virus in Chinese Swine between 2016 and 2021 [Read More](#)

### Other

- Comprehensive analysis of codon usage pattern of porcine deltacoronavirus and its host adaptability [Read More](#)
- Novel Hendra Virus Variant Circulating in Black Flying Foxes and Grey-Headed Flying Foxes, Australia [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.