

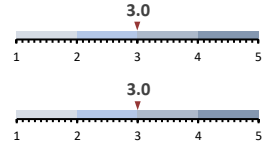
SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

Highly Pathogenic Avian Influenza

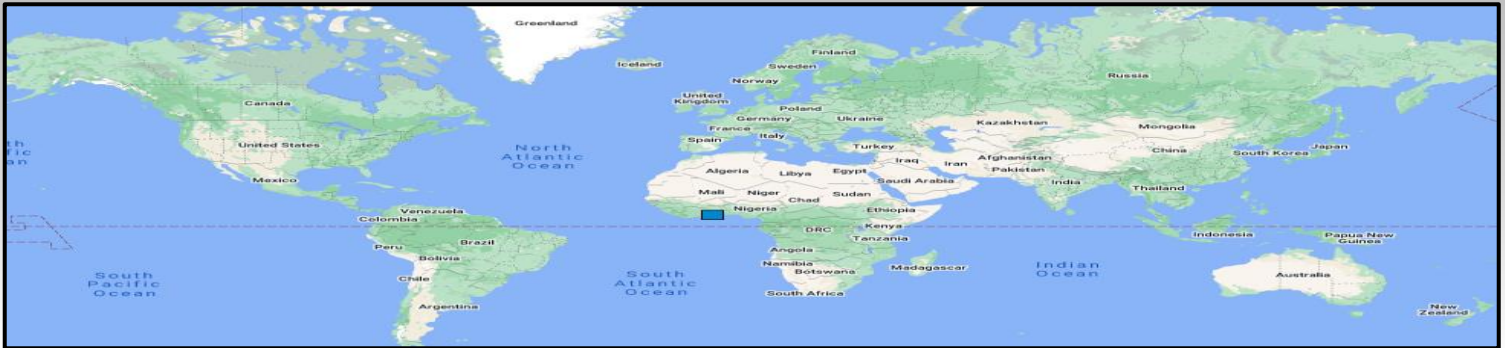
- ◆ The USDA has confirmed that samples from four stranded seals in **Maine** have tested positive for HPAI H5N1; 106 stranded seals have been reported across five **Maine** counties since June 1, 2022
- ◆ Over the past week, **Canada** has reported one additional outbreak of HPAI in commercial poultry in **Quebec**

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NEW EVENTS: (events rated > 2)



■ Suspected Marburg virus in Ghana

Pathogen: Virus ; **Transmission:** Direct contact, fomite, sexual (semen); **Species affected in event:** Human

① Ghana has announced the preliminary finding of two cases of Marburg virus; if confirmed these would be the first such infections recorded in the country. The two patients from the southern Ashanti region (both deceased and unrelated) showed symptoms including diarrhoea, fever, nausea and vomiting. If confirmed, the cases in Ghana would mark the second time Marburg has been detected in West Africa. Guinea confirmed a single case in an outbreak that was declared over on 16 September 2021, five weeks after the initial case was detected. Previous outbreaks and sporadic cases of Marburg in Africa have been reported in Angola, the Democratic Republic of the Congo, Kenya, South Africa and Uganda.

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Avg. Rating	2.3 - 2.4
No. of Signal	2
No. of Ratings	4

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America **No. of Signals: 11** **No. of weeks in report: 26** **Avg. Rating: 1.8 – 3.0**

- The USDA has confirmed that samples from four stranded seals in **Maine** have tested positive for HPAI H5N1; 106 stranded seals (both gray and harbor) have been reported across five Maine counties since June 1, 2022 (which is ~3 times the normal rate for this time of year)
- Over the last week, the **USDA** has reported outbreaks of HPAI H5N1 in backyard birds in Nevada, Washington, and Oregon
- Over the last week, **Canada** has reported an additional outbreak of HPAI in: Quebec (1)
- Officials in **British Columbia** are monitoring bald eagle populations and collecting data to find out what may be causing low nest success, HPAI has also been reported in 10 recent samples, and is one of the factors contributing to a dramatic drop in young eagles in the southwestern part of the province

Foot and Mouth Disease in Indonesia **No. of Signals: 06** **No. of weeks in report: 03** **Avg. Rating: 2.0 – 2.8**

- In **Indonesia**, the number of FMD cases has reached 336 887 across 239 districts/cities in 21 infected provinces; with the popular Australian tourist destination **Bali** recently confirming an outbreak of FMD affecting 63 cows in three locations around Bali

African Swine Fever in Europe **No. of Signals: 08** **No. of weeks in report: 138** **Avg. Rating: 2.0 – 2.7**

- In **Germany**, the recently reported ASF case in domestic swine in Lower Saxony (Germany's largest single pig production area with ~6.4 million pigs and piglets) is a serious blow to the country's swine sector and poses concerns about potential spread to neighbouring countries like the Netherlands
- **Italy**, **Latvia**, **Hungary**, **Poland**, **Romania**, and **Russia** have reported cases of ASF in wild boar
- **Romania** has reported ASD in domestic swine

Monkeypox worldwide **No. of Signals: 35** **No. of weeks in report: 09** **Avg. Rating: 1.8 – 2.4**

- As of July 11 2022, the **CDC** is reporting 9647 confirmed cases of monkeypox across 63 different countries
- **Canada** has reported 375 cases of monkeypox to date (18 cases in British Columbia, 8 in Alberta, 101 in Ontario, and 248 in Quebec)

Highly Pathogenic Avian Influenza in Europe **No. of Signals: 06** **No. of weeks in report: 82** **Avg. Rating: 2.0**

- **France** has reported HPAI H5N1 in domestic poultry
- **Germany**, **Spain**, **Portugal**, **Sweden** have reported HPAI H5N1 in wild birds; **Norway** has reported HPAI H5N5 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Highly Pathogenic Avian Influenza in Asia **No. of Signals: 02** **No. of weeks in report: 68** **Avg. Rating: 2.0**

- Taiwan has reported HPAI **H5N1** in wild birds and **H5N2** in domestic poultry

SCIENTIFIC FINDINGS & REPORTS:

Influenza

- ◆ DEFRA HPAI Outbreak Assessment #28 - Unprecedented Order Shift In Wild Bird H5N1 Positives [Read More](#)

African Swine Fever

- ◆ Experimental Evidence of the Long-Term Survival of Infective African Swine Fever Virus Strain Ba71V in Soil under Different Conditions [Read More](#)

Vectors & Vector borne Diseases

- ◆ Asian Longhorned Tick found in Washington County, Arkansas [Read More](#)
- ◆ *Aedes albopictus* larvae found in Iran [Read More](#)

Monkeypox

- ◆ Pre-print: Asymptomatic Monkeypox Virus Infections Among Male Sexual Health Clinic Attendees in Belgium [Read More](#)
- ◆ WHO Multi-country outbreak of monkeypox External Situation Report 1 [Read More](#)
- ◆ ECDC Rapid Risk Assessment Monkeypox multi-country outbreak - first update [Read More](#)

Other

- ◆ Classification of new morbillivirus and jeilongvirus sequences from bats sampled in Brazil and Malaysia [Read More](#)
- ◆ SHIC – USA Domestic Disease Monitoring Report July 2022 [Read More](#)
- ◆ SHIC – Global Disease Monitoring Report July 2022 [Read More](#)
- ◆ Manitoba Wild Pig Numbers Much Larger than Anticipated [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.