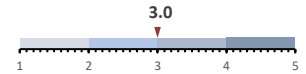


## SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

### Highly Pathogenic Avian Influenza

Over the past week, **Canada** has reported outbreaks of HPAI in: non-commercial (premises classification to be determined) in: **Saskatchewan**(1)

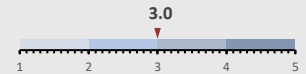
[Read More](#)



### Influenza A(H5N1)

**Cambodia** has reported an additional human case of avian influenza A(H5N1), the fourth in 2026, in a 66-year-old woman from **Svay Rieng** province who had contact with sick/dead poultry

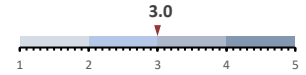
[Read More](#)



### New World Screwworm

**Mexico** has reported another case of NWS infestation in a young calf in **Nuevo León**, ~97km from the U.S. border

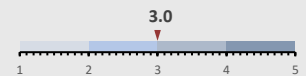
[Read More](#)



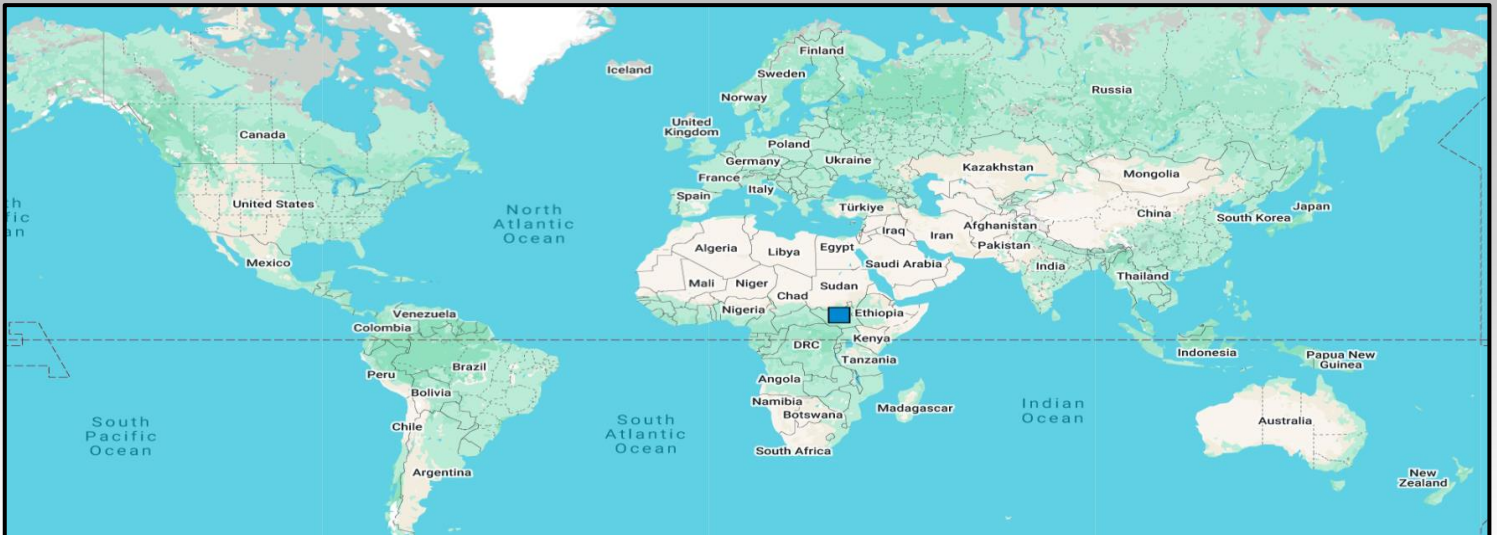
### African Swine Fever

**Spain** has reported additional detections of ASF in wild boar, bringing the total number of cases to 284, with a recent detection in **Castellbisbal**, several km away from any other cases

[Read More](#)



## NEW EVENTS: (events rated > 2)



### Hemorrhagic Fever in South Sudan

**Pathogen:** unknown; **Transmission:** unknown; **Species affected in event:** human

The WHO office in South Sudan has deployed a team of health investigators to Eastern Equatoria State to probe a suspected case of hemorrhagic fever in Kapoeta East County. The deployment follows reports from earlier last week from Latimor village in Kapoeta East County, where three people fell ill with symptoms consistent with hemorrhagic fevers.

[Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	3

Burundi is also investigating the cause of an illness that has led to five deaths and sickened 35 people in Mpanda district, in the north of the country. Laboratory results were negative for Ebola and Marburg virus diseases, Rift Valley fever, yellow fever and Crimean-Congo haemorrhagic fever.

[Read More](#)

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

### **Highly Pathogenic Avian Influenza in North America** **No. of Signals: 01** **No. of weeks in report: 214** **Avg. Rating: 3.0**

- Over the past week, [Canada](#) has reported outbreaks of HPAI in: non-commercial (premises classification to be determined) in: Saskatchewan(1)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: South Dakota(1) and North Dakota(1); and in WOA Non-poultry in: South Dakota(1) and North Dakota(1)
- As of April 27, 2026, the [USDA](#) has reported influenza A(H5N1) in 1093 dairy herds across 19 states: Wisconsin(1), Nebraska(1), Wyoming(1), North Carolina(1), Ohio(1), Oklahoma(2), Kansas(4), Arizona(5), South Dakota(7), [Minnesota](#)(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(30), [Michigan](#)(31), [Colorado](#)(64), Idaho(117), and California(773); no new outbreaks were reported over the last week
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

### **Influenza A(H5N1) in Cambodia** **No. of Signals: 02** **No. of weeks in report: 33** **Avg. Rating: 3.0**

- [Cambodia](#) has reported an additional human case of avian influenza A(H5N1), the fourth in 2026, in a 66-year-old woman from Svay Rieng province who had contact with sick/dead poultry

### **African Swine Fever in Europe** **No. of Signals: 03** **No. of weeks in report: 181** **Avg. Rating: 2.0 - 3.0**

- [Spain](#) has reported additional detections of ASF in wild boar, bringing the total number of cases to 284, with a recent detection in Castellbisbal, several km away from any other cases
- Germany has reported additional detections of ASF in wild boar in [Saxony](#) and [Hesse](#)

### **New World Screwworm in Central America & Mexico** **No. of Signals: 03** **No. of weeks in report: 56** **Avg. Rating: 2.0 - 3.0**

- [Mexico](#) has reported another case of NWS infestation in a young calf in Nuevo León, ~97km from the U.S. border
- As of April 25, 2026, [Mexico](#) has reported 21,947 cumulative cases of the NWS infestations in animals, across 23 states
- The [USDA](#) and U.S. Army Corps have broken ground on the new Texas sterile fly production facility

### **Illegal Meat Products/Imports** **No. of Signals: 01** **No. of weeks in report: 07** **Avg. Rating: 2.7**

- [U.S. Customs and Border Protection](#) agents recently intercepted two significant prohibited commodities: a monkey carcass discovered in the luggage of a traveler arriving from Cameroon, and ~125 pounds of ruminant meat found in the luggage of a traveler from Liberia
- Canadian detector dogs at the Pearson International Airport have also been finding illegal meat commodities in the luggage of travellers from: [Germany](#), [Egypt](#), and [Nigeria](#)

### **Foot and Mouth Disease in Europe** **No. of Signals: 06** **No. of weeks in report: 12** **Avg. Rating: 2.0 – 2.7**

- [Greece](#) has reported additional outbreaks of FMD SAT-1, bringing the total number of outbreaks to 57
- [Cyprus](#) has confirmed FMD SAT-1 in a third pig farm on the island, bringing the total number of outbreaks to 102
- Farmers in [Cyprus](#) are blocking the Rizoelia roundabout protesting the FMD culling control measures; they have also threatened to block the [Larnaca airport](#)
- [Cyprus](#) has closed the Akrotiri Marsh due to FMD risks
- [Malta](#) has ordered boat owners to incinerate all food waste or dispose of it outside Maltese waters due to the FMD outbreaks in Cyprus and Greece

### **Highly Pathogenic Avian Influenza in Europe** **No. of Signals: 04** **No. of weeks in report: 271** **Avg. Rating: 2.0**

- [Poland](#) and [Estonia](#) have reported outbreaks of HPAI in domestic birds
- [Germany](#), [Austria](#), [Moldova](#), and [France](#) have reported HPAI in wild birds
- The [UK](#) has launched a vaccination trial using an investigational mRNA based A(H5) pandemic influenza vaccine candidate to protect people against potential influenza pandemics
- A summary of the overall HPAI situation in Europe is available [here](#)

### **Highly Pathogenic Avian Influenza in Asia** **No. of Signals: 05** **No. of weeks in report: 235** **Avg. Rating: 2.0**

- [India](#), [Nepal](#), and [Japan](#) have reported outbreaks of HPAI in domestic poultry

### **Highly Pathogenic Avian Influenza in South America** **No. of Signals: 01** **No. of weeks in report: 115** **Avg. Rating: 2.0**

- [Chile](#) has reported cases of HPAI H5N1 in black-necked swans at two locations in Los Lagos Region

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Coronavirus

- ◆ Pre-print: First evidence of zoonotic spillover of MERS-CoV into occupationally exposed populations in Somalia [Read More](#)

### Influenza

- ◆ Pre-print: Infection of the bovine mammary gland by avian H5N1 subclade 2.3.4.4b influenza viruses [Read More](#)
- ◆ Preliminary molecular detection of influenza RNA in synanthropic cockroaches from shiraz, Iran [Read More](#)
- ◆ Pre-print: Robustly Quantifying Uncertainty in International Avian Influenza A(H5N1) Infection Fatality Ratios [Read More](#)
- ◆ Multiplex Serological Profiling Reveals Diverse Avian and Mammalian Influenza A Virus Exposure in Swine [Read More](#)
- ◆ Efficient replication of influenza D virus in the human airway underscores zoonotic potential [Read More](#)
- ◆ Pre-print: The Evolution and Transmission Dynamics of H3N2 Influenza Virus Identified in A Respiratory Disease Outbreak in Companion Dogs in Alabama, USA [Read More](#)

### Vectors and Vector Borne Diseases

- ◆ USAHA White Paper - New World Screwworm Preparedness, Prevention, and Response [Read More](#)
- ◆ FAO Alert: Flooding And Rainfall Increase Rift Valley Fever Threat Across Eastern and Southern Africa [Read More](#)

### Other

- ◆ Detection of *Echinococcus multilocularis* in coyotes in Washington State, USA highlights need for increased wildlife surveillance [Read More](#)
- ◆ WHO - Indicators for human exposures to zoonotic pathogens [Read More](#)
- ◆ New York Global Health Update Report – 04/23/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 28/04/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 18 - 24 April, week 17 [Read More](#)
- ◆ European Commission Animal Disease Information System – Weekly Outbreak Summary [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.