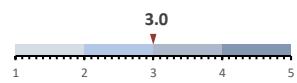


## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

### Highly Pathogenic Avian Influenza

- Over the last week, **Canada** has reported outbreaks of HPAI in non-commercial poultry in: **British Columbia(1)**

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### New World Screwworm

- Mexico** has reported its first case of NWS in **Michoacan**, indicating the fly continues to spread northward

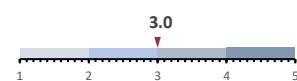
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### Chronic Wasting Disease

- A case of CWD has been confirmed in a white-tailed deer harvested near **Jaffray** in southeastern **British Columbia**, marking the ninth confirmed case of the disease in the province

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



### Newcastle Disease virus in Spain

**Pathogen:** virus; **Transmission:** direct contact, fomite, aerosol; **Species affected in event:** poultry

- Spain has reported four outbreaks of Newcastle Disease virus in the Valencia region. This is the first time the virus has been detected in Spain since 2022, when outbreaks were reported in the Almeria region. The first outbreak was confirmed at a broiler farm in Lluttent, housing ~15,000 birds. Shortly thereafter, three additional outbreaks were identified within the protection zone and involved >65,000 birds. Preliminary investigations indicate a direct epidemiological link between the initial case and the subsequent outbreaks.

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Avg. Rating	2.4 - 2.6
No. of Signal	2
No. of Ratings	5

## CONTINUED EVENTS: (events rated ≥ 2.4)

### New World Screwworm in Central America & Mexico No. of Signals: 02 No. of weeks in report: 47 Avg. Rating: 3.0

- [Mexico](#) has reported its first case of NWS in Michoacan
- As of January 7, 2026, [Mexico](#) is reporting 492 active cases of NWS, with 13,335 accumulated cases (since November 4, 2024)
- [Mexico](#) has also reported additional human cases of NWS infestation, bringing the total number to 110 (Chiapas = 87, Campeche = 4, Tabasco = 2, Yucatan = 8, Oaxaca = 3, Quintana Roo = 5, Veracruz = 1)

### Chronic Wasting Disease in Canada No. of Signals: 01 No. of weeks in report: 17 Avg. Rating: 3.0

- A case of CWD has been confirmed in a white-tailed deer harvested near Jaffray in southeastern [British Columbia](#), marking the ninth confirmed case of the disease in the province

### Highly Pathogenic Avian Influenza in North America No. of Signals: 03 No. of weeks in report: 199 Avg. Rating: 2.0 - 3.0

- Over the last week, [Canada](#) has reported outbreaks of HPAI in non-commercial poultry in: British Columbia(1)
- Over the last week, the [USDA](#) has reported outbreaks of HPAI in commercial poultry in: Kansas(1) and North Carolina(1); in WOAH poultry in: Missouri(1), Indiana(1), and Kansas(1); in WOAH non-poultry in: North Dakota(1), North Carolina(1), Missouri(1), Illinois(1), Wyoming(1), Kansas(1), Texas(1), Oklahoma(1), California(1), Colorado(1), and Oregon(1); and in live-bird markets in: Pennsylvania(2)
- As of January 12, 2026, the [USDA](#) has reported influenza A (H5N1) in 1084 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(108), and California(773); no new outbreaks were reported in the last two weeks
- As of December 31, 2025, [California](#) has four (4) dairy herds under quarantine for H5N1 influenza infection, including one (1) herd that was re-quarantined following a new detection on a previously cleared premises
- [Florida](#) has confirmed that 21 birds (including 19 royal mute swans) discovered dead near Lake Eola in December died from HPAI
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

### African Swine Fever in Europe No. of Signals: 05 No. of weeks in report: 169 Avg. Rating: 2.0 – 2.4

- [Spain](#) has reported 18 additional cases of ASF in wild boar, bringing the total count to 50; more than 620 boars have been analyzed in recent weeks, with around 8% testing positive for the virus
- [Moldova](#) has reported cases of ASF in domestic swine
- [Bulgaria](#) and [Moldova](#) have also reported cases of ASF in wild boar

### Lumpy Skin Disease in Europe No. of Signals: 01 No. of weeks in report: 17 Avg. Rating: 2.4

- [France](#) has reported an additional outbreak of LSD in Ariège, bringing the total number of outbreaks in the country to 117
- [Spain](#) and [Italy](#) have not reported any additional outbreaks of LSD since October/November 2025

### Vesicular Stomatitis in the United States No. of Signals: 01 No. of weeks in report: 13 Avg. Rating: 2.4

- The USDA has reported an additional case of VSV in [Arizona](#), in an equine premises in Maricopa county

### Highly Pathogenic Avian Influenza in Europe No. of Signals: 13 No. of weeks in report: 256 Avg. Rating: 2.0 - 2.2

- [England](#), [France](#), [Poland](#), [Bulgaria](#), and [Germany](#) have reported outbreaks of HPAI in domestic poultry
- The [Netherlands](#) have reported an outbreak of HPAI in captive backyard birds
- [England](#), [Lithuania](#), [Switzerland](#), and [Slovenia](#) have reported HPAI in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

### Highly Pathogenic Avian Influenza in Asia No. of Signals: 10 No. of weeks in report: 220 Avg. Rating: 2.0

- [South Korea](#), [Japan](#), [India](#), [Israel](#), and [Iraq](#) have reported outbreaks of HPAI in domestic poultry

### Highly Pathogenic Avian Influenza in South America No. of Signals: 01 No. of weeks in report: 104 Avg. Rating: 2.0

- [Colombia](#) has reported five additional outbreaks of HPAI H5N1 in backyard birds in Magdalena and Sucre regions (dating back to December 2025)

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Coronavirus

- ❖ Reconstructing the early spatial spread of pandemic respiratory viruses in the United States

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### Foot and Mouth Disease

- ❖ Incubation phase transmission of foot-and-mouth disease virus in cattle: experimental evidence and simulated impacts

[Read More](#)

### Influenza

- ❖ One confirmed and one potential human case of influenza A(H5N1) detected through an expanded subtyping protocol

[Read More](#)

- ❖ Modeling of H5N1 influenza virus kinetics during dairy cattle infection suggests the timing of infectiousness

[Read More](#)

- ❖ A modelling assessment of the impact of control measures on highly pathogenic avian influenza transmission in poultry in Great Britain

[Read More](#)

- ❖ Contemporary Highly Pathogenic Avian Influenza (H5N1) Viruses Retain Neurotropism in Human Cerebral Organoids

[Read More](#)

- ❖ Adjuvanted influenza vaccination increases pre-existing H5N1 cross-reactive antibodies

[Read More](#)

- ❖ Pre-print: Antibodies elicited by the 2025-2026 influenza vaccine in humans

[Read More](#)

- ❖ Converging threats: The intersection of seasonal influenza surges and zoonotic highly pathogenic avian influenza

[Read More](#)

- ❖ Influenza D Virus in Black Donkeys, Northern China

[Read More](#)

### Vectors and Vector Borne Diseases

- ❖ Re-emerging Oropouche virus infections: insights into maternal–fetal crosstalk, coinfections, and expanding public health threats

[Read More](#)

- ❖ Endemic potential of Chagas disease in the U.S. southwest: updated surveillance of infected Triatomines from the U.S.-Mexico border region

[Read More](#)

- ❖ Increased incidence of human West Nile and Usutu infections in Austria, 2024: analysis of data from 2009 to 2024

[Read More](#)

### Other

- ❖ A century of emergence: trends and patterns in human viral pathogens, 1900–2024, a systematic review

[Read More](#)

- ❖ Novel Astrovirus Detected in Nasal Swabs of Sick Cattle, Mexico

[Read More](#)

- ❖ New York Global Health Update Report – 01/08/2026

[Read More](#)

- ❖ France - Weekly Bulletin for International Animal Health Surveillance 13/01/2026

[Read More](#)

- ❖ ECDC - Communicable disease threats report, 5 - 9 January 2026, week 2

[Read More](#)

- ❖ European Commission Animal Disease Information System – Weekly Outbreak Summary

[Read More](#)

- ❖ SHIC Global Disease Monitoring Report – January 2026

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### 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 (CNPPI) informatics platform. The report is based on the activities of the CEZD Community of Practice and subject to change based on evolving user needs.