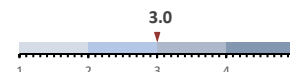


## SUMMARY: RELEVANT SIGNALS (includes all signals rated $\geq 3.0$ )

### Highly Pathogenic Avian Influenza

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

[Read More](#)



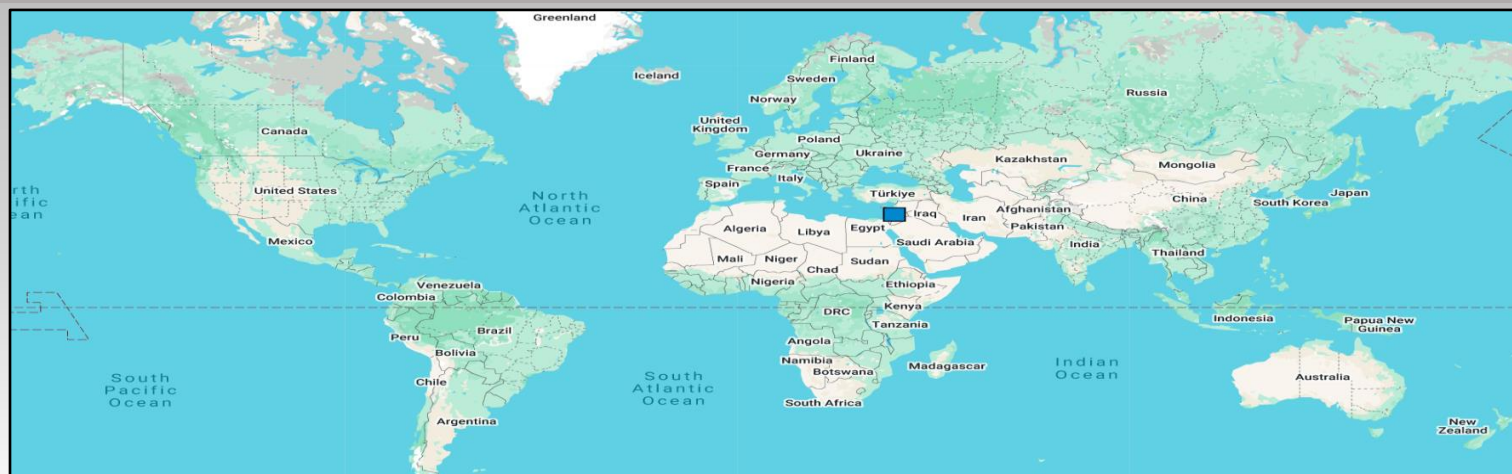
### African Swine Fever

- Spain** has confirmed four new positive ASF findings in wild boar within the same area of **Catalonia**, bringing the number of positives to 64

[Read More](#)



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



### Foot and Mouth Disease SAT-1 in Israel

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

① Israel has reported its first occurrence of FMD SAT-1 in the country. The outbreak was reported in feedlot calves originating from free ranging beef cattle. Prior to the outbreak, the herd had been vaccinated against serotype O and has now also been vaccinated against SAT-1. FMD SAT-1 has been spreading throughout the Middle East since the beginning of 2025 and was most recently reported in Cyprus.

[Read More](#)

Avg. Rating	2.5
No. of Signal	1
No. of Ratings	4

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

<b>Highly Pathogenic Avian Influenza in North America</b>	<b>No. of Signals: 11</b>	<b>No. of weeks in report: 200</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<ul style="list-style-type: none"> <li>Over the last week, <a href="#">Canada</a> has reported outbreaks of HPAI in commercial poultry in Quebec(1); and in non-commercial poultry in: Quebec(1)</li> <li><a href="#">Saskatchewan</a> has reported HPAI in two endangered whooping cranes found dead in fields near Saskatoon in October</li> <li>Ontario has reported HPAI in a Canada Goose in <a href="#">St. Thomas</a>, with additional suspicions in Canada Geese in <a href="#">Whitby</a></li> <li>Over the last week, the <a href="#">USDA</a> has reported outbreaks of HPAI in commercial poultry in: Minnesota(4), Georgia(1), and Delaware(1); in WOAHP poultry in: Kansas(1) and Colorado(1); in WOAHP non-poultry in: Washington(2), Illinois(1), Oregon(1), Pennsylvania(1), West Virginia(1), and Colorado(1)</li> <li><a href="#">Hawaii</a> has reported that a sick Hawaiian duck found at the Hanalei Wildlife Refuge on Kauai in late November 2025 died of HPAI</li> <li>In <a href="#">Florida</a>, a total of 32 birds (26 Mute swans and 6 wild birds) have been found dead at Lake Eola in downtown Orlando</li> <li>As of January 19, 2026, the <a href="#">USDA</a> 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), <a href="#">Minnesota</a>(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(30), <a href="#">Michigan</a>(31), <a href="#">Colorado</a>(64), Idaho(108), and California(773); no new outbreaks were reported in the last three weeks</li> <li>Wastewater surveillance dashboards for influenza can be found at the <a href="#">CDC</a> and Stanford University's <a href="#">WastewaterSCAN</a></li> </ul>			
<b>African Swine Fever in Europe</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 170</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<ul style="list-style-type: none"> <li><a href="#">Spain</a> has reported 4 additional cases of ASF in wild boar, bringing the total count to 64</li> <li><a href="#">Moldova</a>, <a href="#">Poland</a>, and <a href="#">Hungary</a> have also reported cases of ASF in wild boar</li> </ul>			
<b>New World Screwworm in Central America &amp; Mexico</b>	<b>No. of Signals: 03</b>	<b>No. of weeks in report: 48</b>	<b>Avg. Rating: 2.0 - 2.6</b>
<ul style="list-style-type: none"> <li><a href="#">Mexico</a> has reported additional cases of NWS in Tamaulipas, bringing the total in the region to 13</li> <li><a href="#">Mexico</a> has also recently reported the death of a howler monkey after being infested NWS in Palenque, Chiapas</li> </ul>			
<b>Vesicular Stomatitis in the United States</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 14</b>	<b>Avg. Rating: 2.4</b>
<ul style="list-style-type: none"> <li>The USDA has reported one additional case of VSV in <a href="#">Arizona</a>, in an equine premises in Pinal County</li> </ul>			
<b>Strangles in Canada</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 02</b>	<b>Avg. Rating: 2.4</b>
<ul style="list-style-type: none"> <li>In <a href="#">British Columbia</a>, strangles has been confirmed at two stables in West Kelowna and one in Kelowna, with dozens of horses impacted</li> </ul>			
<b>Highly Pathogenic Avian Influenza in Europe</b>	<b>No. of Signals: 19</b>	<b>No. of weeks in report: 257</b>	<b>Avg. Rating: 2.0 - 2.4</b>
<ul style="list-style-type: none"> <li><a href="#">England</a>, <a href="#">Scotland</a>, <a href="#">Poland</a>, <a href="#">Spain</a>, <a href="#">France</a>, <a href="#">Belgium</a>, <a href="#">Germany</a>, the <a href="#">Netherlands</a>, and <a href="#">Estonia</a> have reported outbreaks of HPAI in domestic poultry</li> <li><a href="#">England</a>, <a href="#">Poland</a>, <a href="#">Switzerland</a>, <a href="#">Austria</a>, <a href="#">Moldova</a>, <a href="#">Denmark</a>, and the <a href="#">Czech Republic</a> have reported HPAI in wild birds</li> <li><a href="#">Latvia</a> has reported HPAI H5N2 in a wild mallard from November 2025</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>			
<b>Lumpy Skin Disease in Europe</b>	<b>No. of Signals: 02</b>	<b>No. of weeks in report: 18</b>	<b>Avg. Rating: 2.0 - 2.4</b>
<ul style="list-style-type: none"> <li><a href="#">Spain</a> has reported one additional outbreak of LSD in the Girona region; 4 cases were reported in a grazing herd of 106 cattle that were previously vaccinated (although incompletely) in October 2025</li> <li><a href="#">Italy</a> has not reported any additional outbreaks of LSD since October 2025 and the resumption of cattle movement has been authorized in <a href="#">Sardinia</a></li> </ul>			
<b>Highly Pathogenic Avian Influenza in Asia</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 221</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">Japan</a> and <a href="#">India</a> have reported outbreaks of HPAI in domestic poultry</li> <li><a href="#">India</a> has reported HPAI in wild crows</li> </ul>			
<b>Highly Pathogenic Avian Influenza in South America</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 105</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">Brazil</a> has reported HPAI in backyard birds in Acorizal, in the state of Mato Grosso</li> </ul>			

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Influenza

- ◆ Pre-print: Bovine-derived influenza A virus (H5N1) shows efficient replication in well-differentiated human nasal epithelial cells without requiring genetic adaptation [Read More](#)
- ◆ Cross-reactive H5N1 neuraminidase antibodies by age and influenza A imprinting cohorts of the past century: population-based serosurvey, British Columbia, Canada [Read More](#)
- ◆ Estimates of epidemiological parameters for H5N1 influenza in humans: a rapid review [Read More](#)
- ◆ The expanding H5N1 avian influenza panzootic causes high mortality of skuas in Antarctica [Read More](#)
- ◆ Mass mortalities caused by different genotypes of HPAIV H5N1 clade 2.3.4.4b in colony breeding Black-headed Gulls and Sandwich Terns in Denmark 2022 and 2023 [Read More](#)
- ◆ Novel recombinant H5-based vaccine provides effective protection against H5N1 influenza virus in cats [Read More](#)
- ◆ Evolution of H5N1 Cross-Species Transmission: Adaptive Mutations Driving Avian-to-Human Infection [Read More](#)
- ◆ Intranasal replicon vaccine establishes mucosal immunity and protects against H5N1 and H7N9 influenza [Read More](#)
- ◆ Clinical Features and Management of a Critical Human Case of H10N3 Avian Influenza: A Case Report and Literature Review [Read More](#)
- ◆ Genetic and biological features of avian influenza virus subtype H10N5 in environmental samples related to a case of dual infection by H10N5 and H3N2 [Read More](#)
- ◆ Environmental metagenomics enhances detection of circulating viruses from live poultry markets in Cambodia [Read More](#)

### Vectors and Vector Borne Diseases

- ◆ Aspects of the blood meal of mosquitoes (Diptera: culicidae) during the crepuscular period in Atlantic Forest remnants of the state of Rio de Janeiro, Brazil [Read More](#)

### Other

- ◆ Preparedness and response to emerging veterinary disease outbreaks - A meeting report [Read More](#)
- ◆ Public Health Ontario - Hazard Identification and Risk Assessment (HIRA) Infectious Diseases at the FIFA World Cup 2026 Games in Toronto [Read More](#)
- ◆ Molecular identification and cross-species transmission effects analysis of a novel Orthobunyavirus isolated from Geese in China [Read More](#)
- ◆ Genomic Insights into Marburg Virus Strains from 2023 and 2025 Outbreaks in Kagera, Tanzania [Read More](#)
- ◆ Imported Human Rabies — Kentucky and Ohio, 2024 [Read More](#)
- ◆ Pulmonary Histoplasmosis, Taiwan, 1997–2024 [Read More](#)
- ◆ New York Global Health Update Report – 01/15/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 20/01/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 10 - 16 January 2026, week 3 [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.