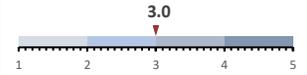


## SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

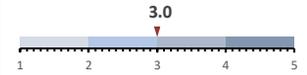
### Highly Pathogenic Avian Influenza

- Over the last week, **Canada** has reported outbreaks of HPAI in non-commercial non-poultry in: **Nova Scotia**(1); and non-commercial premises yet to be determined in: **British Columbia**(1)
- South Korea** has reported three outbreaks of HPAI H5N9, starting from December 2025; this appears to be the first sustained spread of HPAI H5N9 in poultry reported anywhere in the world
- California** has reported its first detection of HPAI H5N1 in multiple northern elephant seal weanling pups, observed dead at **Año Nuevo State Park** in **San Mateo County**; live pups were also observed with tremors and seizure activity
- Argentina has reported outbreaks of HPAI H5 in commercial poultry in: **Buenos Aires**(2) and in **Cordoba**(1)

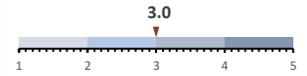
[Read More](#)



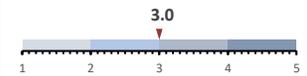
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### Porcine Epidemic Diarrhea

- PED has been detected at a farm in southern **Alberta**; this is the first confirmed case of PED in Alberta since February 2022

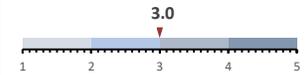
[Read More](#)



### Porcine Reproductive and Respiratory Syndrome

- PRRSV lineage 1C.5 is now the dominant and rapidly expanding wild-type strain across the **USA**, with multiple emerging variants (1C.5.32–1C.5.38) spreading into new states and showing sharp increases in detections over time; variant 1C.5.32 appears to be particularly aggressive, causing significantly higher mortality (3,545 piglet losses/thousand sows)

[Read More](#)



### Foot and Mouth Disease

- Cyprus** has reported nine additional outbreaks of FMD SAT-1 in **Larnaca**, bringing the total number of outbreaks to 11; emergency vaccination is underway with ~600 000 vaccines delivered to the country (529 000 from the EU and 60 000 from Northern/Turkish Cyprus)

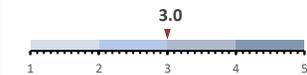
[Read More](#)



### Newcastle Disease

- Germany** has reported a second outbreak of Newcastle disease, this time in laying hens in **Bayern**, in the south of the country

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NEW EVENTS: (events rated > 2)



**Equine parapox virus in Sweden**

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

Sweden has reported its first confirmed cases of equine parapox virus, identified in a Warmblood in Jönköping County in August 2025 and in a Standardbred racehorse in Norrbotten County in December 2025. DNA analysis has confirmed the strain is the same as one that emerged in Finland in 2021. Affected horses develop small blisters that rupture into round ulcers, though retrospective testing of 80 samples from horses with similar skin issues found no additional cases.

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Avg. Rating	2.5
No. of Signal	1
No. of Ratings	2

**Sporotrichosis brasiliensis in Uruguay**

**Pathogen:** fungus; **Transmission:** direct contact (bites, scratches); **Species affected in event:** human, cat

Uruguay has reported its first detections of *Sporotrichosis brasiliensis* in the country after a Uruguayan woman adopted a kitten in southern Brazil in 2025, crossed the border with it, and noticed ulcers on its muzzle and ears a few days later. She and two of her children later developed similar lesions, and two additional household cats were also infected. The diagnosis was confirmed by molecular biology tests. Veterinarians have also reported cases of sick cats in Maldonado and Rocha, without epidemiological links, suggesting that the fungus was circulating before the family outbreak.

[Read More](#)

Avg. Rating	2.3
No. of Signal	1
No. of Ratings	4

**Alpha-gal syndrome in Australia**

**Pathogen:** N/A; **Transmission:** vector - tick; **Species affected in event:** human

A teenager from New South Wales has become the first Australian confirmed to have died from a tick-induced red meat allergy. Jeremy Web began having difficulty breathing after eating beef sausages on a camping trip in June 2022. His death was initially determined to be asthma, but NSW Deputy State Coroner has now ruled he died from an anaphylactic reaction to mammalian meat, which triggered an asthma attack. Alpha-gal syndrome is an allergic reaction to a sugar molecule (galactose- $\alpha$ -1,3-galactose) found in most red meats. In the USA, it is primarily triggered by bites from the lone star tick.

[Read More](#)

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

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

<b><u>Porcine Reproductive and Respiratory Syndrome in the United States</u></b>	<b><u>No. of Signals: 01</u></b>	<b><u>No. of weeks in report: 19</u></b>	<b><u>Avg. Rating: 3.0</u></b>
<ul style="list-style-type: none"> <li>• PRRSV lineage 1C.5 is now the dominant and rapidly expanding wild type strain across the <a href="#">USA</a>, with multiple emerging variants (1C.5.32–1C.5.38) spreading into new states and showing sharp increases in detections over time; variant 1C.5.32 appears to be particularly aggressive, causing significantly higher mortality (3,545 piglet losses/thousand sows)</li> </ul>			
<b><u>Porcine Epidemic Diarrhea in Canada</u></b>	<b><u>No. of Signals: 02</u></b>	<b><u>No. of weeks in report: 14</u></b>	<b><u>Avg. Rating: 3.0</u></b>
<ul style="list-style-type: none"> <li>• PED has been detected at a farm in southern <a href="#">Alberta</a>; this is the first confirmed case of PED in Alberta since February 2022</li> </ul>			
<b><u>Highly Pathogenic Avian Influenza in South America</u></b>	<b><u>No. of Signals: 02</u></b>	<b><u>No. of weeks in report: 107</u></b>	<b><u>Avg. Rating: 2.3 - 3.0</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">Argentina</a> has reported outbreaks of HPAI H5 in commercial poultry in: Buenos Aires(2) and in Cordoba(1)</li> </ul>			
<b><u>Highly Pathogenic Avian Influenza in Asia</u></b>	<b><u>No. of Signals: 10</u></b>	<b><u>No. of weeks in report: 227</u></b>	<b><u>Avg. Rating: 2.0 - 3.0</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">South Korea</a>, <a href="#">India</a>, <a href="#">Japan</a>, and <a href="#">Israel</a> have reported outbreaks of HPAI in domestic poultry</li> <li>• <a href="#">South Korea</a> has also reported three outbreaks of HPAI H5N9, starting from December 2025; this appears to be the first sustained spread of HPAI H5N9 in poultry reported anywhere in the world</li> </ul>			
<b><u>Highly Pathogenic Avian Influenza in North America</u></b>	<b><u>No. of Signals: 9</u></b>	<b><u>No. of weeks in report: 206</u></b>	<b><u>Avg. Rating: 2.0 - 3.0</u></b>
<ul style="list-style-type: none"> <li>• Over the last week, <a href="#">Canada</a> has reported outbreaks of HPAI in non-commercial non-poultry in: Nova Scotia(1); and non-commercial premises yet to be determined in: British Columbia(1)</li> <li>• Over the last week, the <a href="#">USDA</a> has reported outbreaks of HPAI in commercial poultry in: Indiana(3), Maryland(2), Pennsylvania(1), South Dakota(1), Kansas(1), Wisconsin(1), North Carolina(1), and Delaware(1); in WOAHP poultry in: Indiana(2), Illinois(1), and Colorado(1); in WOAHP non-poultry in: New Jersey(2), Iowa(2), Oklahoma(1), Massachusetts(1), and Delaware(1); and in live bird markets in: New York(1)</li> <li>• <a href="#">California</a> has reported its first detection of HPAI H5N1 in multiple northern elephant seal weanling pups, observed dead at Año Nuevo State Park in San Mateo County; live pups were also observed with tremors and seizure activity</li> <li>• <a href="#">Washington</a> has reported HPAI in two red foxes on San Juan Island</li> <li>• <a href="#">Florida</a> has reported preliminary positive HPAI in dead vultures at Blue Spring State Park</li> <li>• As of March 2, 2026, the <a href="#">USDA</a> has reported influenza A (H5N1) in 1088 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(112), and California(773); no new outbreaks have been reported in the last nine 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><u>Foot and Mouth Disease in Asia</u></b>	<b><u>No. of Signals: 07</u></b>	<b><u>No. of weeks in report: 15</u></b>	<b><u>Avg. Rating: 2.0 - 3.0</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">Cyprus</a> has reported nine additional outbreaks of FMD SAT-1 in Larnaca, bringing the total number of outbreaks to 11; emergency <a href="#">vaccination</a> is underway with ~600 000 vaccines delivered to the country (529 000 from the EU and 60 000 from Northern/Turkish Cyprus)</li> <li>• <a href="#">South Korea</a> has reported a third outbreak of FMD, on another beef farm in Goyang (200 meters away from the outbreak reported last week)</li> </ul>			
<b><u>Newcastle Disease in Europe</u></b>	<b><u>No. of Signals: 05</u></b>	<b><u>No. of weeks in report: 04</u></b>	<b><u>Avg. Rating: 2.0 - 3.0</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">Germany</a> has reported a second outbreak of ND, this time in laying hens in Bayern, in the south of the country</li> <li>• <a href="#">Poland</a> has reported three additional outbreaks of ND over the last week; 25 outbreaks of ND that have occurred since the beginning of 2026 and a total of over 1.8 million birds have been culled</li> <li>• The <a href="#">Netherlands</a> have reported ND in five rock doves, with initial reports dating back to August 2025</li> </ul>			
<b><u>Swine Influenza (H1N1v) in Spain</u></b>	<b><u>No. of Signals: 01</u></b>	<b><u>No. of weeks in report: 02</u></b>	<b><u>Avg. Rating: 2.4</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">Spain</a> has confirmed a human case of swine influenza A(H1N1)v in the region of Catalonia; the case is asymptomatic and has no known history of exposure to pigs or contaminated environment</li> </ul>			
<b><u>African Swine Fever in Europe</u></b>	<b><u>No. of Signals: 10</u></b>	<b><u>No. of weeks in report: 175</u></b>	<b><u>Avg. Rating: 2.0 - 2.4</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">Spain</a> has reported another 33 wild boar positive for ASF, bringing the total number of positives to 195; the risk area has also been expanded to include seven Catalan municipalities</li> <li>• The European Union has approved a <a href="#">new zoning system</a> for areas affected by ASF in Spain, regulating the movement of pigs and pork products within the designated zones, based on specific veterinary measures. The new model includes two categories: Zone 1, a surveillance area where no ASF cases have been detected, and Zone 2, covering areas where outbreaks have been confirmed. Each zone will operate under its own set of requirements and restrictions</li> <li>• <a href="#">Serbia</a>, <a href="#">Poland</a>, <a href="#">Romania</a>, and <a href="#">Estonia</a> have also reported cases of ASF in wild boar</li> <li>• <a href="#">Romania</a> has reported ASF in domestic swine</li> </ul>			
<b><u>Highly Pathogenic Avian Influenza in Europe</u></b>	<b><u>No. of Signals: 31</u></b>	<b><u>No. of weeks in report: 263</u></b>	<b><u>Avg. Rating: 1.7 - 2.3</u></b>
<ul style="list-style-type: none"> <li>• <a href="#">Denmark</a>, the <a href="#">Czech Republic</a>, the <a href="#">Netherlands</a>, <a href="#">Germany</a>, <a href="#">Poland</a>, <a href="#">Bosnia and Herzegovina</a>, and <a href="#">Hungary</a> have reported outbreaks of HPAI in domestic poultry</li> <li>• <a href="#">Switzerland</a>, <a href="#">Poland</a>, <a href="#">Austria</a>, <a href="#">France</a>, <a href="#">England</a>, <a href="#">Lithuania</a>, <a href="#">Germany</a>, <a href="#">Hungary</a>, and <a href="#">Norway</a> have reported HPAI in wild birds</li> <li>• A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>			

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Foot and Mouth Disease

- ◆ DEFRA - Preliminary Outbreak Assessment Foot and Mouth Disease (FMD) in Cyprus [Read More](#)

### Influenza

- ◆ Pre-print: Near real-time data on the human neutralizing antibody landscape to influenza virus as of early 2026 to inform vaccine-strain selection [Read More](#)
- ◆ Analyses of receptor binding specificity of highly pathogenic avian influenza A (H5N1) viruses isolated from felines in South Korea, 2023 [Read More](#)
- ◆ Emergence and Genetic Characteristics of H5N1, H5N6, and H5N3 Clade 2.3.4.4b High Pathogenicity Avian Influenza Viruses in South Korea During the 2023–2024 and 2024–2025 Winter Seasons [Read More](#)
- ◆ The bovine mammary gland as a crucible for zoonotic influenza virus emergence: Receptor-mediated adaptation of HPAI H5N1 clade 2.3.4.4b [Read More](#)
- ◆ Longitudinal Surveillance of Influenza A Virus Exposure in Wild Boars (*Sus scrofa*) in Spain (2015–2023): Serologic and Virologic Evidence of Subtype Infections and H5N1 Spillover Risk [Read More](#)
- ◆ Highly Pathogenic Avian Influenza A (H5N1) Caused Mass Death Among Black-Legged Kittiwakes (*Rissa tridactyla*) in Norway, 2023 [Read More](#)
- ◆ Fly larvae as an alternative sample for the detection of highly pathogenic avian influenza A(H5N1) virus [Read More](#)
- ◆ Investigation of a Family Cluster of Human Infections with Highly Pathogenic Avian Influenza A(H5N1) Virus, Clade 2.3.2.1e, in Cambodia, February 2023 [Read More](#)
- ◆ Detecting Influenza A(H5N1) Viruses through Severe Acute Respiratory Infection Surveillance, Cambodia [Read More](#)
- ◆ Evolution and spread of H8Nx avian influenza viruses from wild birds in East Asia, 2019–2024 [Read More](#)

### Mpox

- ◆ Transmission of MPXV from fire-footed rope squirrels to sooty mangabays [Read More](#)
- ◆ Characteristics and Transmission Dynamics of Global Travel-Related Mpox Cases Caused by Clade Ib Monkeypox Virus [Read More](#)

### Vectors and Vector Borne Diseases

- ◆ Global Seroprevalence of bluetongue virus in camels: a first systematic review and meta-analysis [Read More](#)
- ◆ Detection of *Anaplasma marginale* (Rickettsiales: Anaplasmataceae) in host-seeking adult *Dermacentor variabilis* (Acari: Ixodidae) on cattle pastures, Missouri, United States [Read More](#)
- ◆ County-level surveillance for the American dog tick (*Dermacentor variabilis*) and *Rickettsia* species in Kentucky [Read More](#)
- ◆ Human-to-Human Transmission of Severe Fever with Thrombocytopenia Syndrome Resulting in Fatal Cases: A Case Series [Read More](#)

### Other

- ◆ First Report of Emerging Chaphamaparvovirus Causing Necrotizing Hepatitis in Pheasants (*Phasianus colchicus*) in the United States [Read More](#)
- ◆ Trap shape affects efficacy of sticky traps for New World screwworm, *Cochliomyia hominivorax* (Diptera: Calliphoridae) [Read More](#)
- ◆ Hepatitis E in Wildlife: Emerging Threats to Human Health [Read More](#)
- ◆ New York Global Health Update Report – 02/26/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 03/03/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 21 - 27 February 2026, week 9 [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.