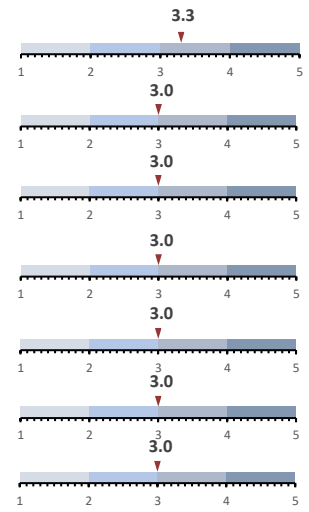


## SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

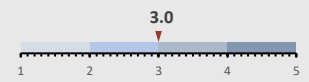
### Foot and Mouth Disease

- ◆ News reports suggest the FMD outbreak in **Russia**, spreading south and east into Central Asia and China, is also spreading westward towards Europe [Read More](#)
- ◆ News reports indicate that cases of FMD have been reported in the **West Kazakhstan region of Kazakhstan**, on the border with Russia [Read More](#)
- ◆ News reports from **Kyrgyzstan** note parliamentary concerns of livestock showing symptoms resembling FMD [Read More](#)
- ◆ **China** has confirmed one outbreak of FMD SAT-1 to WOA; however, news reports suggest spread across at least 12 provinces [Read More](#)
- ◆ **Cyprus** has reported additional outbreaks of FMD SAT-1, now also in pig farms on the island, bringing the total number of outbreaks to 101 [Read More](#)
- ◆ **Greece** has reported additional outbreaks of FMD SAT-1, with recent westward expansion, bringing the total number of outbreaks to 43; farmers have been protesting control measures and blocking the port at **Mytilini** [Read More](#)
- ◆ **Indonesia** has reported FMD in cowhides imported from Germany – the accuracy of this information cannot be confirmed and FMD is endemic in Indonesia [Read More](#)



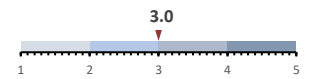
### Highly Pathogenic Avian Influenza

- ◆ Over the past week, **Canada** has reported outbreaks of HPAI in: commercial poultry in **Saskatchewan(1)**, and in non-commercial poultry in: **Saskatchewan(1)** [Read More](#)



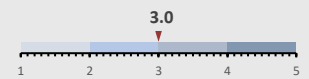
### New World Screwworm

- ◆ **Mexico** has now reported cases of the NWS across 23 states, with recent westwards expansion and first detections in **Nayarit** and **Zacatecas** [Read More](#)

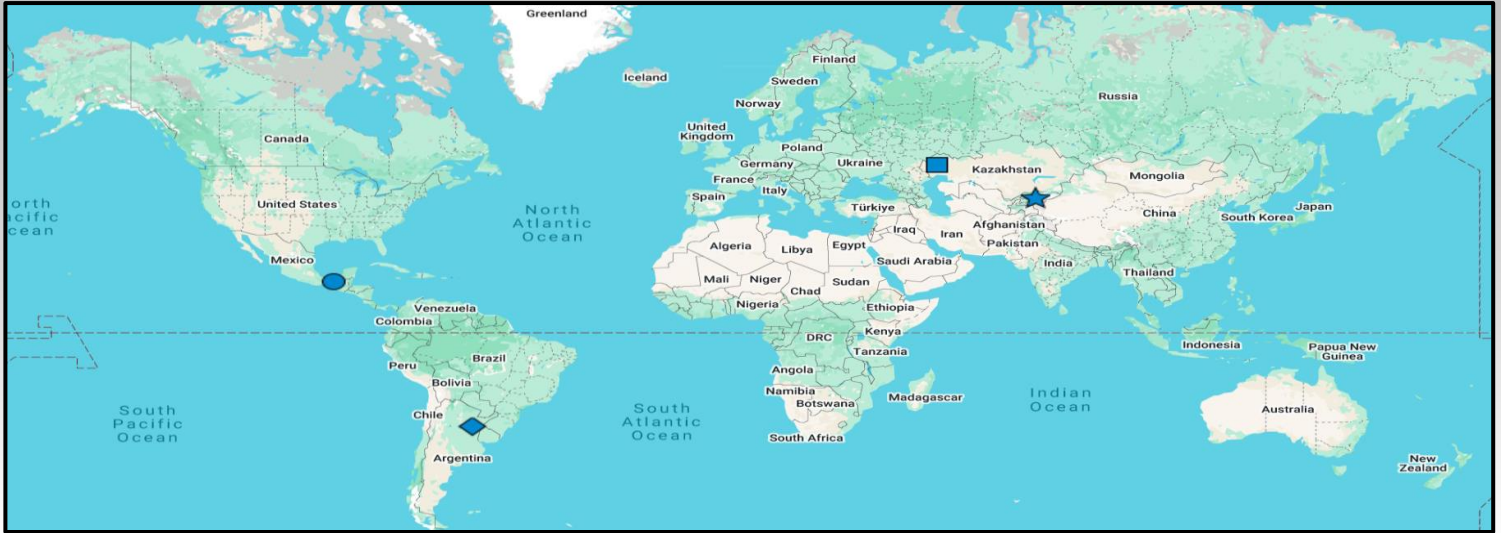


### Lumpy Skin Disease

- ◆ **Italy** has reported three new outbreaks of LSD in **Sardinia**, after months without any reported cases and lifting of restriction zones; these new outbreaks occurred in **Muravera** (a previously unaffected region in southern Sardinia) indicating either a new independent introduction or undetected viral persistence and southward spread [Read More](#)



**NEW EVENTS: (events rated > 2)**



★ **Suspected FMD in Kyrgyzstan**

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

① In Kyrgyzstan, a parliamentary committee meeting reported concerns from regions about livestock showing symptoms resembling FMD. Kyrgyzstan has also recently signed a contract to procure 4.5 million doses of FMD vaccine from Russia as part of measures to stabilize the epizootic situation.

[Read More](#)

Avg. Rating	2.8 - 3.0
No. of Signal	2
No. of Ratings	3 - 4

■ **Suspected FMD in Kazakhstan**

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

① In Kazakhstan’s West Kazakhstan region, new FMD cases have been identified near the Russian border amid rising reports of illegal animal movement. Meanwhile, Boehringer Ingelheim is investing in domestic FMD vaccine production in the region.

[Read More](#)

Avg. Rating	2.0 - 3.0
No. of Signal	2
No. of Ratings	3 - 4

◆ **Scrapie in Argentina**

**Pathogen:** prion; **Transmission:** direct contact; **Species affected in event:** sheep

① Argentina has reported its first cases of scrapie in imported sheep (Dorper and Santa Inés breed) with no clinical signs.

[Read More](#)

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

● **Oropouche virus in Mexico**

**Pathogen:** virus; **Transmission:** vector – mosquito, culicoides; **Species affected in event:** human

① Mexican health authorities have confirmed the country's first cluster of locally transmitted Oropouche virus cases. A small number of confirmed infections were reported in Chiapas and Tabasco, identified through enhanced arbovirus surveillance and verified by RT-PCR testing. These cases involve residents with no recent travel history outside the country, indicating local transmission by biting midges and possibly mosquitoes.

[Read More](#)

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

## CONTINUED EVENTS: (events rated ≥ 2.4)

<b>Foot and Mouth Disease in Asia</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 20</b>	<b>Avg. Rating: 3.0 - 3.3</b>
<ul style="list-style-type: none"> <li>News reports suggest the FMD outbreak in <a href="#">Russia</a>, spreading south and east into Central Asia and China, is also spreading westward towards Europe</li> <li><a href="#">China</a> has confirmed one outbreak of FMD SAT-1 to WOA; however, news reports suggest spread across at least <a href="#">12 provinces</a></li> <li><a href="#">Indonesia</a> has reported FMD in cowhides imported from Germany – the accuracy of this information cannot be confirmed and FMD is endemic in Indonesia</li> </ul>			
<b>Lumpy Skin Disease in Europe</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 20</b>	<b>Avg. Rating: 3.0</b>
<ul style="list-style-type: none"> <li><a href="#">Italy</a> has reported three new outbreaks of LSD in Sardinia, after months without any reported cases and lifting of restriction zones; these new outbreaks occurred in Muravera (a previously unaffected region in southern Sardinia) indicating either a new independent introduction or undetected viral persistence and southward spread</li> </ul>			
<b>Highly Pathogenic Avian Influenza in North America</b>	<b>No. of Signals: 04</b>	<b>No. of weeks in report: 213</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<ul style="list-style-type: none"> <li>Over the past week, <a href="#">Canada</a> has reported outbreaks of HPAI in: commercial poultry in Saskatchewan(1), and in non-commercial poultry in: Saskatchewan(1)</li> <li>As of April 2, 2026, CFIA laboratories have tested 9281 samples of raw milk from trucks arriving at processing plants in all provinces across <a href="#">Canada</a>; all samples have tested negative</li> <li>Over the last week, the <a href="#">USDA</a> has reported outbreaks of HPAI in commercial poultry in: South Dakota(2) and Minnesota(1); and in WOA Non-poultry in: Georgia(1)</li> <li>As of April 20, 2026, the <a href="#">USDA</a> 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), <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(117), and California(773); no new outbreaks were reported over the last week</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>New World Screwworm in Central America &amp; Mexico</b>	<b>No. of Signals: 07</b>	<b>No. of weeks in report: 55</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<ul style="list-style-type: none"> <li><a href="#">Mexico</a> has now reported cases of the NWS across 23 states, with recent westwards expansion and first detections in Nayarit and Zacatecas</li> <li><a href="#">Mexico</a> has recently reported a case of NWS infestation in a dog in Nuevo Leon (~142km from the nearest Texas border point); three recent cases of NWS in dogs in Nuevo Leon raise concern as they appear localized and not associated with the movement of animals from the southeast of the country</li> <li><a href="#">Mexico</a> has reported 120 human cases of NWS infestation so far in 2026</li> <li><a href="#">Honduras</a> has reported 99 suspected human cases of NWS infestation and one confirmed death so far in 2026</li> </ul>			
<b>Foot and Mouth Disease in Europe</b>	<b>No. of Signals: 07</b>	<b>No. of weeks in report: 11</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<ul style="list-style-type: none"> <li><a href="#">Greece</a> has reported additional outbreaks of FMD SAT-1, with recent westward expansion, bringing the total number of outbreaks to 43; <a href="#">farmers</a> have been protesting control measures and blocking the port at Mytilini</li> <li><a href="#">Cyprus</a> has reported additional outbreaks of FMD SAT-1, now also in pig farms on the island, bringing the total number of outbreaks to 101</li> </ul>			
<b>Newcastle Disease in Europe</b>	<b>No. of Signals: 02</b>	<b>No. of weeks in report: 08</b>	<b>Avg. Rating: 2.5 - 2.7</b>
<ul style="list-style-type: none"> <li><a href="#">Spain</a> has reported two additional outbreaks of NDV affecting broilers and layers in Valencia</li> <li>As of April 14, 2026, <a href="#">Poland</a> has confirmed 41 outbreaks of NDV in commercial poultry operations, affecting 3 361 645 birds, with the majority occurring in broiler and layer hen facilities, as well as some turkey and mixed-species operations</li> </ul>			
<b>African Swine Fever in Europe</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 180</b>	<b>Avg. Rating: 2.0 - 2.5</b>
<ul style="list-style-type: none"> <li>As of April 16, 2026, <a href="#">Spain</a> has reported 45 outbreaks of ASF in wild boars across 11 municipalities in Catalonia, comprising three primary and 42 secondary outbreaks with 268 positive cases</li> <li>In <a href="#">Germany</a>, the state of North Rhine Westphalia has reported &gt;500 cases of ASF in wild boar, with 123 of those detections reported in March 2026</li> <li>A recent study looking into ASF in <a href="#">Romania</a> indicates that ~60% of infections in pig farms originated from other infected farms, while ~27% originated from nearby infected wild boar populations</li> </ul>			
<b>Influenza A(H9N2) in China</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 80</b>	<b>Avg. Rating: 2.5</b>
<ul style="list-style-type: none"> <li><a href="#">China</a> has reported three new human infections with avian influenza A(H9N2), all in children under 10-years-old from different provinces; one case was severe and hospitalized, while the other two were mild</li> </ul>			
<b>Highly Pathogenic Avian Influenza in Europe</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 270</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">England</a>, <a href="#">Germany</a>, <a href="#">Poland</a>, <a href="#">France</a>, and the <a href="#">Czech Republic</a> have reported outbreaks of HPAI in domestic poultry</li> <li><a href="#">Finland</a>, <a href="#">Belgium</a>, and <a href="#">Austria</a> have reported HPAI in wild birds</li> <li><a href="#">Spain</a> and <a href="#">Belgium</a> have lifted mandatory housing orders for poultry</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>			
<b>Highly Pathogenic Avian Influenza in Asia</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 234</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">India</a>, <a href="#">South Korea</a>, <a href="#">Nepal</a>, and <a href="#">Taiwan</a> have reported outbreaks of HPAI in domestic poultry</li> </ul>			
<b>Highly Pathogenic Avian Influenza in South America</b>	<b>No. of Signals: 04</b>	<b>No. of weeks in report: 114</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li><a href="#">Chile</a> has reported cases of HPAI in <a href="#">commercial poultry</a>, <a href="#">backyard birds</a>, and <a href="#">black-necked swans</a></li> <li><a href="#">Argentina</a> has reported cases of HPAI in backyard birds</li> </ul>			
<b>Highly Pathogenic Avian Influenza in Africa</b>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 93</b>	<b>Avg. Rating: 2.0</b>
<ul style="list-style-type: none"> <li>The <a href="#">Ivory Coast</a> has reported HPAI in domestic poultry in Zanzan</li> </ul>			

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### African Swine Fever

- ◆ Rapid Spread of Recombinant African Swine Fever Virus Genotypes I and II, Vietnam, 2023–2024 [Read More](#)

### Foot and Mouth Disease

- ◆ FAO alerts countries in Asia and the Pacific to enhance preparedness for foot-and-mouth disease SAT1 [Read More](#)
- ◆ WOAHA calls for action on foot-and-mouth disease (SAT1) international spread [Read More](#)

### Influenza

- ◆ Rapid expansion of genotype D1.1 A(H5N1) influenza viruses in wild birds across North America during the 2024 migratory season [Read More](#)
- ◆ Highly Pathogenic Avian Influenza A(H5N1) Virus RNA in Bovine Semen, California, USA, 2024 [Read More](#)
- ◆ United States poultry flocks remain unvaccinated against H5 influenza—but why? [Read More](#)
- ◆ Population immunity to clade 2.3.4.4b H5N1 is dominated by anti-neuraminidase antibodies [Read More](#)
- ◆ Imported case of avian influenza A(H9N2) virus infection in a patient with miliary tuberculosis, Italy, March 2026 [Read More](#)

### Mpox

- ◆ Waning humoral immunity following monkeypox virus infection and vaccination, Canada, 2020 to 2023 [Read More](#)

### Vectors and Vector Borne Diseases

- ◆ Pediatric Meningoencephalitis Cluster Caused by Snowshoe Hare Virus, Whistler, British Columbia, Canada, 2024 [Read More](#)
- ◆ High Seroprevalence of Bluetongue Virus Serotype 3 in Belgian Cattle and Sheep After the 2024 Epidemic [Read More](#)
- ◆ The emerging tick-borne Yezo virus - current knowledge, challenges, and perspectives [Read More](#)
- ◆ Molecular and serological evidence of Nairobi sheep disease virus in *Haemaphysalis longicornis* and sheep in eastern Shandong Peninsula, China [Read More](#)
- ◆ Investigating antibody cross-reactivity and transmission dynamics of alphaviruses and flaviviruses using a multiplex serological assay [Read More](#)

### Other

- ◆ Emerging risks at the vampire bat–prion interface: implications for wildlife, livestock, and public health [Read More](#)
- ◆ Wildlife trade drives animal-to-human pathogen transmission over 40 years [Read More](#)
- ◆ An emerging human eye disease is associated with aquatic virus zoonotic infection [Read More](#)
- ◆ New York Global Health Update Report – 04/16/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 21/04/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 12 - 18 April, week 16 [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.