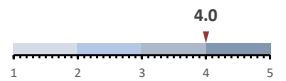
WEEKLY INTELLIGENCE REPORT

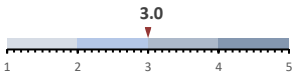
November 16th 2026 – November 22nd 2026

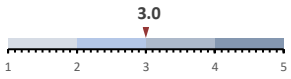
SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- CFIA has detected 11 cases of HPAI in all three Prairie provinces linked to the Canadian National Poultry Show held in Saskatchewan on Nov. 7, 2026: five in **Saskatchewan**, four in **Alberta** and two in **Manitoba**; the investigation is ongoing, and people who brought poultry to the event, or purchased or sold poultry there are considered high-risk contacts and are under quarantine — Read More
- Over the last week, **Canada** has confirmed outbreaks of HPAI in non-commercial poultry in: **Saskatchewan**(4) and **Alberta**(1); in commercial poultry in: **Alberta**(1), **British Columbia**(1), and **Quebec**(1) — Read More
- **Japan** announced that the first two poultry outbreaks of 2026-2027 are HPAI H5N9 in Kameoka City, Kyoto Prefecture and in Asahi City, Chiba Prefecture, which are possibly the country's first detection of this previously rarely reported subtype — Read More

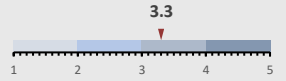






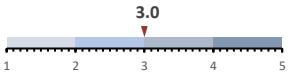
Influenza A (H5N1)

- **Oregon** Health Authority has confirmed the state's first human case of avian influenza A (H5N1) of 2026, which is tied to a known cattle outbreak at a dairy farm in Morrow County; the affected individual was promptly treated with antiviral medicine and did not require hospitalization — Read More



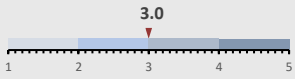
New World Screwworm

- As of November 23, 2026, the USDA has confirmed a total of 165 animal cases of NWS myiasis in three states: **Texas**(110), New **Mexico**(46), and **Arizona**(9, with a first case in cattle); a total of 7 fly trap detections have been reported in Texas(4) and New Mexico(3) — Read More



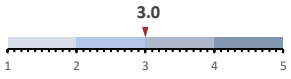
Shamonda Virus

- Preprint: Detection of Shamonda Virus EU1 Variant in Diseased Cattle, Greece, 2026
  - First reported detection of SHAV-EU1 vairant in dairy cattle in **Central Macedonia Region** in **Greece**; approximately all lactated cows and 20-25% of rest of animals (including young calves and heifers) were affected on the dairy cattle farm with estimated symptom onset at the herd level on Oct. 7, 2026 — Read More



Rabbit Haemorrhagic Disease

- An unprecedented outbreak of RHD in native hares is being monitored by the **Alberta** government with a confirmed outbreak in Alberta this fall, after a trapper in the northwestern part of the province reported native snowshoe hares dying in what seemed to be fairly large numbers over a fairly large area; during that same time period, neighbouring areas in northern **British Columbia** and the **Northwest Territories** received similar reports of mass rabbit and hare deaths — Read More



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NEW EVENTS: (events rated > 2)



● **Shamonda Europe-1 virus in cattle in Greece**

Pathogen: virus; **Transmission:** vector - *culicoides*; **Species affected in event:** cattle

① Greece has reported its first detection of SHAV-EU1 variant in dairy cattle in Central Macedonia Region in Greece; approximately all lactating cows became affected over a period of 15 days and 20-25% of rest of animals (including young calves and heifers) were affected on the dairy cattle farm with estimated symptom onset at the herd level on Oct. 7, 2026. Milk production decreased by approximately 30–40% during symptoms with return to approximately previous levels after twenty days, while reproductive effects included increased returns to oestrus (suggestive of early embryonic losses, mainly in heifers) and eight abortions over 15 days at different gestational stages (approximately 60–230 days) in adult cows. *Read More*

Avg. Rating	2.0-3.0
No. of Signals	1
No. of Ratings	3

♦ **Highly Pathogenic Avian Influenza (H5N9) in poultry in Japan**

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

① Japan has announced that the first two poultry outbreaks of 2026-2027 are HPAI H5N9, which are possibly the country's first detection of this previously rarely reported subtype. The first outbreak was confirmed on Nov. 12, 2026 at a poultry farm in Kameoka City, Kyoto Prefecture, which housed approximately 200 000 laying hens. A second outbreak was confirmed on Nov. 13, 2026 at a poultry farm in Asahi City, Chiba Prefecture, with approximately 40 000 laying hens to be culled. *Read More*

Avg. Rating	2.0 - 3.0
No. of Signals	2
No. of Ratings	4 - 6

★ **Newcastle Disease virus in Serbia**

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

① Serbia has reported its first occurrence of NDV (paramyxovirus type 1 (PMV-1)) in domestic poultry in Jagodina, Vinorača, since 2007. *Read More*

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

■ **Bluetongue virus serotype 18 in Mexico**

Pathogen: virus; **Transmission:** vector; **Species affected in event:** sheep

① Mexico has reported an outbreak of bluetongue in domestic sheep on a farm in the state of Puebla. Viral characterisation identified bluetongue virus serotype 18 (BTV-18), which has been previously documented in countries in the American continent. *Read More*

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

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America **No. of Signals: 09** **No. of weeks in report: 244** **Avg. Rating: 2.0 - 4.0**

- Over the last week, Canada has reported outbreaks of HPAI in non-commercial poultry in: Saskatchewan(4) and Alberta(1); in commercial poultry in: Alberta(1), British Columbia(1), and Quebec(1)
- CFIA has detected 11 cases of HPAI in all three Prairie provinces linked to the Canadian National Poultry Show held in Saskatchewan on Nov. 7, 2026: five in Saskatchewan, four in Alberta and two in Manitoba; the investigation is ongoing, and people who brought poultry to the event, or purchased or sold poultry there are considered high-risk contacts and are under quarantine
- British Columbia officials are closely monitoring the Washington State H5N1 outbreak, where infected dairy cattle have been linked to 3 human cases and one death, while emphasizing that Canada has never detected HPAI in dairy cattle and continues to rely on cattle testing, traceability, and farm biosecurity measures to prevent introduction
- As of November 9, 2026, CFIA laboratories tested 12,985 samples of raw milk from trucks arriving at processing plants in all provinces across Canada. All samples tested negative. The samples tested monthly include milk collected from ~2,700 dairy farms across Canada
- Over the last week, the USDA has reported outbreaks of HPAI in commercial poultry: California(1), Maryland(1), and Florida(1); in WOAH non-poultry in: Washington(2), Oregon(2) and Montana(1); and at a live bird market in California(1)
- As of November 23, 2026, the USDA has reported influenza A (H5N1) in 1234 dairy herds across 22 states: Oregon(2), Wisconsin(1), Nebraska(1), Wyoming(1), North Carolina(1), Ohio(1), Indiana(2), Oklahoma(3), Kansas(5), Arizona(5), South Dakota(7), Minnesota(9), New Mexico(9), Nevada(11), Iowa(13), Utah(29), Michigan(31), Washington(43), Texas(43), Colorado(65), Idaho(179), and California(773); a new outbreak was reported in the last week from: Oklahoma(1)
- The largest U.S. egg producer, Cal-Maine Foods, temporarily halted production at a facility in Florida and is culling 1.76 million birds (including 1.4 million laying hens) following a HPAI outbreak
- Willamette Valley, Oregon is experiencing a marked increase in HPAI (H5N1) detections in migratory waterfowl with the highest detection levels in the state concentrated near dams and reservoirs
- Louisville Zoo, Kentucky, reclosed multiple bird exhibits and enhanced biosecurity measures after a captive European white stork died from AI and its enclosure mate was euthanized following illness, marking the first confirmed AI case in the zoo's animal collection
- HPAI H5 was confirmed in six birds at the León Zoo, Guanajuato, Mexico, with zoo management attributing the outbreak to migratory birds interacting with resident wildlife in the park's open, biodiverse grounds
- Wastewater surveillance dashboards for influenza can be found at the CDC and Stanford University's WastewaterSCAN

Influenza A(H5) in the United States **No. of Signals: 01** **No. of weeks in report: 50** **Avg. Rating: 3.3**

- Oregon Health Authority has confirmed the state's first human case of HPAI of 2026, which is tied to a known cattle outbreak at a dairy farm in Morrow County; the affected individual was promptly treated with antiviral medicine and did not require hospitalization

Rabbit Haemorrhagic Disease in Canada **No. of Signals: 01** **No. of weeks in report: 08** **Avg. Rating: 3.0**

- An unprecedented outbreak of RHD in native hares is being monitored by the Alberta government with a confirmed outbreak in Alberta this fall, after a trapper in the northwestern part of the province reported native snowshoe hares dying in what seemed to be fairly large numbers over a fairly large area; during that same time period, neighbouring areas in northern British Columbia and the Northwest Territories received similar reports of mass rabbit and hare deaths

Influenza A in China **No. of Signals: 03** **No. of weeks in report: 92** **Avg. Rating: 2.5 - 3.0**

- China reported a human case of avian influenza A(H9N2) virus; the case is a paediatric patient from Hunan Province, with symptom onset on October 20, 2026, who recovered, had exposure to household poultry, and one of the environmental samples tested positive for influenza A(H9)
- China reported an imported human case of avian influenza A(H5N1) in a traveler from Quang Ninh Province, Vietnam, who developed symptoms on November 1; the case has recovered and source of infection in undetermined

New World Screwworm in the United States **No. of Signals: 06** **No. of weeks in report: 24** **Avg. Rating: 1.7 – 3.0**

- As of November 23, 2026, the USDA has confirmed a total of 165 animal cases of NWS myiasis in three states: Texas(110), New Mexico(46), and Arizona(9, with a first case in cattle); a total of 7 fly trap detections have been reported in Texas(4) and New Mexico(3)
- Nogales, Arizona, remains scheduled to reopen for Mexican cattle imports on Nov. 30, 2026 contingent on animal health, inspection, and infrastructure requirements being met; the absence of confirmed NWS cases in Santa Cruz County is encouraging, but USDA emphasizes reopening decisions depend on broader surveillance and safeguard measures
- New Mexico State University Assistant Professor published a practical guide on NWS to raise awareness of the rapidly expanding outbreak in the U.S. Southwest, emphasizing the parasite's severe impacts on livestock, wildlife, pets, and potentially regional agricultural economies, while warning that warm winter conditions could facilitate further spread despite ongoing sterile-fly control efforts
- A company in Texas has demonstrated promising use of electron beam technology to sterilize NWS flies for the Sterile Insect Technique, potentially replacing radioactive methods with a faster, safer, and more scalable approach that could strengthen outbreak control efforts

Vesicular Stomatitis (VSV) in the United States **No. of Signals: 02** **No. of weeks in report: 27** **Avg. Rating: 2.8**

- USDA's APHIS confirmed one VSV-positive equine premises in New Mexico, in San Juan County (a new affected county)

CONTINUED EVENTS: (events rated ≥ 2.4)

Foot and Mouth Disease in Africa **No. of Signals: 05** **No. of weeks in report: 04** **Avg. Rating: 1.8 - 2.8**

- Botswana has confirmed a recurrence of FMD SAT-1 in communal cattle in a previously WOAH FMD free zone in Robelela; the index cases are within grazing area of an international boundary (Zimbabwe)
- Namibia's FMD SAT1 outbreaks remain contained to two geographically distinct areas in ǁKharas and Zambezi
- South Africa's Department of Agriculture stated that FMD has spread from livestock to wildlife in KwaZulu-Natal and Limpopo, with confirmed cases in roan antelope, sable, kudu and buffalo; over 90% of cattle have been vaccinated this year reaching the government's target 6 weeks ahead of schedule

Pseudorabies in South America **No. of Signals: 01** **No. of weeks in report: 03** **Avg. Rating: 2.5**

- Argentina has reported causes of Aujeszky's disease in swine in the provinces of Buenos Aires, Córdoba, and Santa Fe, including on a farm in Casilda, with recent cases also occurring in pets recorded in Córdoba, Cañada de Gómez, and Santa Fe, associated with consumption of contaminated pig waste

Newcastle Disease Virus in South America **No. of Signals: 02** **No. of weeks in report: 04** **Avg. Rating: 2.0 - 2.5**

- A fifth Newcastle disease outbreak was confirmed at a turkey farm in Nova Itaberaba, Santa Catarina, Brazil, within an already established sanitary restriction area

Rabies in Canada **No. of Signals: 03** **No. of weeks in report: 20** **Avg. Rating: 2.0 - 2.4**

- Quebec has confirmed a second case of raccoon variant rabies in a cow since the outbreak began in 2024
- A fifth animal, a raccoon, infected with rabies has been detected in Quebec, in Saint-Germain-de-Grantham
- A bat infected with rabies entered a Quebec long-term care facility in Sorel-Tracy and had close contact with a resident

Highly Pathogenic Avian Influenza in Asia **No. of Signals: 9** **No. of weeks in report: 254** **Avg. Rating: 1-8 - 2.2**

- South Korea has issued a nationwide HPAI alert as multiple early-season poultry outbreaks appear to involve the emerging H5N9 subtype, which may account for 8 of the first 10 outbreaks in the country this season, raising concerns that this subtype is becoming more prevalent than in 2025-2026
- H5 avian influenza was confirmed at a quail farm in Gimpo, Gyeonggi province in South Korea
- The state of Kerala in India is set to cull thousands of birds after bird flu was confirmed at two poultry farms; neighbouring southern state Tamil Nadu has also intensified surveillance following the confirmation of H5N1 infection at poultry farms in one of its districts
- Scientists at a Bhopal-based government institute in India developed the country's first indigenous vaccine against HPAI H5N1

Highly Pathogenic Avian Influenza in Europe **No. of Signals: 4** **No. of weeks in report: 292** **Avg. Rating: 2.0**

- Across Europe, cases of HPAI H5N1 were reported in wild birds across 10 countries: Austria, Belgium, Finland, Germany, Italy, Latvia, Netherlands, Poland, Norway, and the UK; HPAI H5N1 outbreaks in captive birds were reported in France and Latvia while HPAI H5N1 outbreaks in poultry were reported in Germany, the Netherlands, Norway and the UK. In additional HPAI H5 not subtyped was reported in wild birds in Latvia.
- Northern Ireland is investigating a suspected case of avian influenza at a commercial poultry farm in County Tyrone after a large number of birds died
- In the UK, an Avian Influenza Prevention Zone with housing measures has been declared in Wales to reduce the risk of further outbreaks

Highly Pathogenic Avian Influenza in Oceania **No. of Signals: 01** **No. of weeks in report: 23** **Avg. Rating: 2.0**

- As of November 23, 2026, Australia has confirmed 748 events of HPAI H5 in wildlife: 10 in Western Australia, 347 in South Australia, 86 in New South Wales, 2 in Queensland, 249 in Victoria, 53 in Tasmania, and 1 in Other Territories (Jervis Bay)
- New Zealand has not reported any additional detections of HPAI over the last week
- Three unexplained deaths of healthy little penguins (kororā) within a week at a vulnerable Kaikōura, New Zealand colony have prompted testing for HPAI H5N1, raising concern that a confirmed result could signal a significant new wildlife mortality event in an at-risk species

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

African Swine Fever

- Wild boar-related factors relevant to African swine fever epidemiology, surveillance and control in the European Union Read More

Foot and Mouth Disease

- Phylogenetic analysis of a rare SAT1 foot-and-mouth disease virus incursion in Iran in 2025 reveals genetic association with African lineages and suggests potential transboundary connectivity Read More
- Long-term immunogenicity and broad cross-neutralizing antibody responses induced by a SAT 2 foot-and-mouth disease vaccine against emerging Middle Eastern and African isolates (2014–2024) Read More

Influenza

- Evolution of avian influenza H5N1 strain in Nigeria from 2006 to 2023: Insight from phylogeographic and gene pool analyses Read More
- An air of possibility: a systematic review of windborne transmission of avian influenza virus in poultry Read More
- Molecular epidemiology of influenza A (H5N6) viruses from human infections in Jiangsu Province, China Read More
- Severe H9N2 virus infection in a hospitalized patient without recognized poultry exposure: implications for surveillance of unexplained severe pneumonia Read More
- WOAH calls for heightened vigilance as reported avian influenza outbreaks rise Read More

Lumpy Skin Disease

- First outbreak of lumpy skin disease in Catalonia, Spain, 2025-2026 Read More

Shamonda Virus

- Detection of Shamonda Virus EU1 Variant in Diseased Cattle, Greece, 2026 Read More
- Guidance: Shamonda virus (SHAV) disease information note: SHAV in animals Read More
- What is the significance of the emerging infection “Shamonda virus” in the European context? Read More
- Emerging Shamonda virus: a new threat to pregnancy? Read More

Vectors and Vector Borne Diseases

- Emerging vector-borne viral diseases: evolving clinical presentations and new populations at risk Read More
- Larval exposure to insecticides increases adult susceptibility to bluetongue virus in Culicoides sonorensis Wirth and Jones (Diptera: Ceratopogonidae) Read More
- The Usutu virus, detected in mosquitoes in Spain: "We need to determine to what extent it may be causing infection cases in humans Read More

Other

- New York Global Health Update Report - 11/19/2026 Read More
- France - Weekly Bulletin for International Animal Health Surveillance 24/11/2026 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.