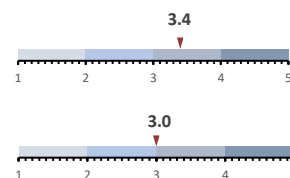


SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- ◆ The USDA confirmed its first cases of HPAI H5N1 clade 2.3.4.4b (genotype unspecified) in two dairy cattle herds in **Yakima County, Washington**; the affected herds were tested after showing clinical signs, despite having repeatedly tested negative through routine surveillance under the National Milk Testing Strategy
- ◆ Over the last week, **Canada** has confirmed outbreaks of HPAI in commercial poultry in: **Alberta**(3) and in non-commercial non-poultry in: **Manitoba**(1)

[Read More](#)



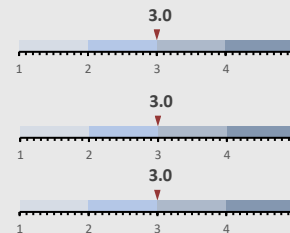
Shamonda Virus Europe

- ◆ **Slovenia** has confirmed its first cases of SHAV-EU (clade unspecified) in three animals of a cattle breeder in the **Savinja region**
- ◆ **Portugal** has confirmed its first detection of SHAV-EU; however, details regarding the affected region, species, and clade have not yet been disclosed
- ◆ **Spain** has reported detections of both SHAV-EU1 and SHAV-EU2 in the country; with SHAV-EU1 reported in cattle farms in central and southern Spain in the provinces of **Ávila, Córdoba, Toledo** and **Madrid**, and SHAV-EU2 in a cattle farm in the north of the country in **Cantabria**

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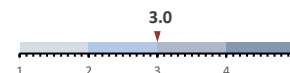
[Read More](#)



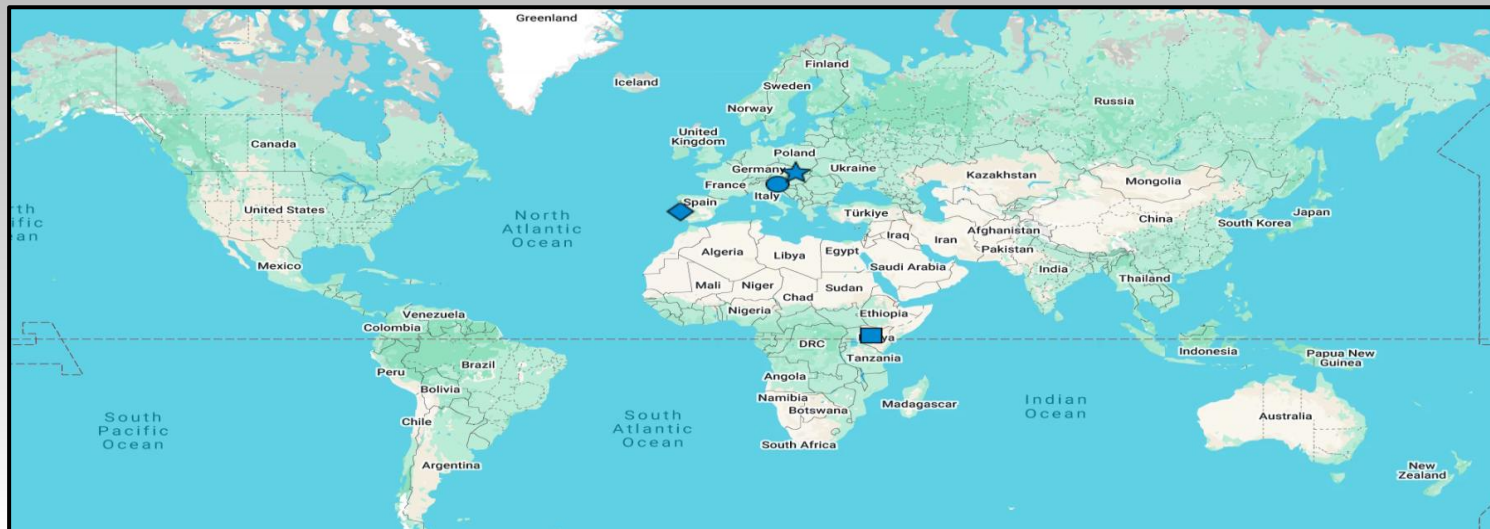
African Swine Fever

- ◆ Unconfirmed reports indicate increasing ASF activity in **China**, including outbreaks in vaccinated herds and the reported processing of some diseased or culled pigs for meat products

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NEW EVENTS: (events rated > 2)



● Shamonda virus Europe in Slovenia

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

① Slovenia has confirmed its first detection of SHAV-EU in three cattle from a herd in the Savinja region. The suspected cases were initially identified based on clinical signs.

[Read More](#)

Avg. Rating	3.0
No. of Signals	1
No. of Ratings	4

◆ Shamonda virus Europe in Portugal

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

① Portugal has confirmed its first detection of SHAV-EU. The confirmation was released by the Order of Veterinary Doctors, following an alert issued by the Directorate-General for Food and Veterinary Medicine. Additional details regarding the affected species, location, and clade involved have not yet been released.

[Read More](#)

Avg. Rating	3.0
No. of Signals	1
No. of Ratings	4

■ Ebola Bundibugyo Virus in Kenya

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

① Kenya has confirmed the country's first imported case of Bundibugyo Ebola virus disease, involving a Kenyan citizen who had been living in the Democratic Republic of the Congo for the past seven years. The man became ill approximately one month earlier and received treatment in the DRC before travelling overland to Kampala, Uganda, and flying to Nairobi on October 3, 2026. The patient subsequently died and no additional infections have been reported in the country.

[Read More](#)

Avg. Rating	2.7 - 2.8
No. of Signals	3
No. of Ratings	5 - 6

★ Bluetongue serotype 3 in Slovakia

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

① Slovakia has confirmed its first cases of BTV-3 in cattle herds in the Čadca and Žarnovica districts. The positive animals showed no clinical signs, and infections were identified through laboratory testing. Movement restrictions have been imposed on the two affected herds, although infected and suspected animals do not need to be culled and may still be sent for slaughter. Vaccination is available on a voluntary basis, and vaccinated animals can again be moved throughout Slovakia.

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Avg. Rating	2.3
No. of Signals	1
No. of Ratings	6

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in North America

No. of Signals: 05

No. of weeks in report: 238

Avg. Rating: 2.0 - 3.4

- Over the last week, [Canada](#) has reported outbreaks of HPAI in commercial poultry in: Alberta(3) and in non-commercial non-poultry in: Manitoba(1)
- Over the last week, the [USDA](#) has reported HPAI in commercial poultry in: Minnesota(2) ; in WOAHP poultry in: Minnesota(1) and Washington(1); and in WOAHP non-poultry in: Puerto Rico(1), California(1), Kentucky(1), Idaho(1)
- The USDA confirmed its first cases of HPAI H5N1 clade 2.3.4.4b (genotype unspecified) in two dairy cattle herds in Yakima County, [Washington](#); the affected herds were tested after showing clinical signs, despite repeatedly tested negative through routine surveillance under the National Milk Testing Strategy
- As of October 13, 2026, the [USDA](#) has reported influenza A(H5N1) in 1181 dairy herds across 20 states: Wisconsin(1), Nebraska(1), Wyoming(1), North Carolina(1), Ohio(1), Oklahoma(2), Washington(2), Kansas(5), Arizona(5), South Dakota(7), [Minnesota](#)(9), New Mexico(9), Nevada(11), Iowa(13), Utah(29), [Michigan](#)(31), Texas(39), [Colorado](#)(64), Idaho(177), and California(773); four new outbreaks were reported in the last week: Washington(2), Texas(1), and Kansas(1)
- Wastewater surveillance dashboards for influenza can be found at the [CDC](#) and Stanford University's [WastewaterSCAN](#)

Shamonda Orthobunyavirus in Europe

No. of Signals: 05

No. of weeks in report: 11

Avg. Rating: 2.0 - 3.0

- [Spain](#) has reported detections of both SHAV-EU1 and SHAV-EU2 in the country; with SHAV-EU1 reported in cattle farms in central and southern Spain in the provinces of Ávila, Córdoba, Toledo and Madrid, and SHAV-EU2 in a cattle farm in the north of the country in Cantabria
- The [Czech Republic](#) has introduced mandatory examination, as of October 1, 2026, of SHAV-EU to monitor any possible occurrence in the country
- [France](#) has confirmed outbreaks in 53 departments, affecting cattle in 51 departments (including two new ones—Landes and Haute-Vienne) and sheep in 2 departments
- In [France](#), the National Veterinary School of Toulouse developed a RT-PCR detection method for SHAV-EU where retrospective investigations confirmed the virus had been circulating in the country since June-July 2026 (detections in the departments of Doubs, Ain, Savoie, and Haute-Savoie)

African Swine Fever in Asia

No. of Signals: 02

No. of weeks in report: 142

Avg. Rating: 2.0 - 3.0

- Unconfirmed reports indicate increasing ASF activity in [China](#), including outbreaks in vaccinated herds and the reported processing of some diseased or culled pigs for meat products
- [Vietnam](#) continues to report ASF, with recent outbreaks in three areas of An Giang province, resulting in the culling of 141 pigs and establishment of three rapid-response control teams

Epizootic Hemorrhagic Disease in the United States

No. of Signals: 02

No. of weeks in report: 13

Avg. Rating: 2.4 - 2.8

- In parts of the [USA](#), EHD is emerging as a disease of concern in beef and dairy cattle herds, with confirmed deaths in Montana, and reports of concerning rise in late term abortions and fetal malformations in dairy herds in Washington (some dairy herds experiencing a 1-2% increase in abortions), and reproductive losses in Oregon (early last spring)

Theileriosis in the United States

No. of Signals: 01

No. of weeks in report: 08

Avg. Rating: 2.7

- Theileriosis continues to spread amongst cattle across the USA, including recent reports in [Missouri](#), [Arkansas](#), [Oklahoma](#) and [Kansas](#); until recently, all positive animals tested by the Kansas Veterinary Diagnostic Laboratory originated east of Kansas; however, new cases in native-born Kansas cattle indicate local transmission and westward spread

Ebola (Bundibugyo virus) in Eastern Africa (DRC)

No. of Signals: 04

No. of weeks in report: 14

Avg. Rating: 2.2 - 2.6

- As of October 13, 2026, the [DRC](#) has confirmed 9,144 cases of Ebola across seven provinces, including 4,410 related deaths, and 2,418 recoveries

New World Screwworm in the United States

No. of Signals: 02

No. of weeks in report: 18

Avg. Rating: 2.0 - 2.4

- As of October 13, 2026, the [USDA](#) has confirmed a total of 53 cases of NWS myiasis in two states: Texas(52) and New Mexico(1); over the last week, one additional case was reported in cattle in Pecos County, Texas
- The USDA's NWS sterile-fly facility in [Texas](#) is expected to be completed ahead of schedule and will produce up to 300 million sterile flies per week

African Swine Fever in Europe

No. of Signals: 09

No. of weeks in report: 194

Avg. Rating: 1.2 - 2.4

- In [Finland](#), the ASF core zone has been expanded northeast following new detections in wild boar found dead in Hujakkala, Lappeenranta
- [Serbia](#), [Poland](#), and [Romania](#) have reported outbreaks of ASF in domestic swine
- [Germany](#), [Latvia](#), and [Spain](#) have reported additional cases of ASF in wild boar
- Across [Europe](#), ASF outbreaks have declined overall in 2026 due to fewer wild-boar cases, while outbreaks in domestic pigs remained largely unchanged

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 06

No. of weeks in report: 286

Avg. Rating: 2.0 - 2.3

- [Iceland](#) has reported HPAI H5N5 in wild birds; the [UK](#) has reported HPAI H5N5 in backyard birds on the Isle of Lewis
- [Bulgaria](#) has reported HPAI in commercial poultry
- [Denmark](#), [Sweden](#), [Cyprus](#), [Serbia](#), and [Norway](#) have reported HPAI in wild birds

Highly Pathogenic Avian Influenza in South America

No. of Signals: 03

No. of weeks in report: 127

Avg. Rating: 2.0

- [Peru](#) has reported an outbreak of HPAI H5N1 in a laying hen farm in Piura
- [Brazil](#) and [Chile](#) have reported HPAI in backyard birds

Highly Pathogenic Avian Influenza in Oceania

No. of Signals: 01

No. of weeks in report: 17

Avg. Rating: 2.0

- As of October 13, 2026, [Australia](#) has confirmed 706 events of HPAI H5 in wildlife: 10 in Western Australia, 330 in South Australia, 70 in New South Wales, 2 in Queensland, 243 in Victoria, 50 in Tasmania, and 1 in Other Territories (Jervis Bay)
- [New Zealand](#) has not reported any additional detections of HPAI over the last week

SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

Foot and Mouth Disease

- Reconsidering vaccinate-to-live strategies in EU foot-and-mouth disease control [Read More](#)

Influenza

- Pre-print: The mammalian-adaptive PB2- E627K substitution preserves viral fitness of clade 2.3.4.4b H5N1 HPAIV in birds [Read More](#)
- H5N1 epidemiology and production impact in eight California dairy herds at the outbreak epicenter [Read More](#)
- Detection of highly pathogenic avian influenza A(H5N1) virus, clade 2.3.4.4b, genotype B3.13 in placentas from aborted bovine fetuses [Read More](#)
- Detection of Divergent Highly Pathogenic Avian Influenza A(H5N1) Clade 2.3.4.4b Virus, São Paulo, Brazil, 2025 [Read More](#)
- Nomenclature Updates to the Hemagglutinin Gene Clade Designations Resulting From the Continued Evolution of High Pathogenicity Avian Influenza A(H5) Virus Clades 2.3.2.1c and 2.3.4.4 [Read More](#)
- How can veterinary personnel recognize and protect themselves from domestic cats infected with highly pathogenic avian influenza A(H5N1) viruses? [Read More](#)
- 2018–2025 Serological study on avian influenza among occupationally exposed populations in the Poyang Lake area — the region with the highest environmental surveillance positive rate in China [Read More](#)
- Pre-print: Human Infection with Avian Influenza A(H7N7) Virus, Taiwan, 2026 [Read More](#)
- Cross-clade protection against human H5N1 isolates by a clade 2.3.4.4b HA mRNA vaccine in mice [Read More](#)
- N70 S/Y155H combined mutation of neuraminidase of avian influenza H9N2 virus confers oseltamivir and zanamivir resistance and pathogenicity to mice [Read More](#)
- Molecular Epidemiology and Evolution of Swine Influenza A Viruses, Vietnam, 2020–2024 [Read More](#)

New World Screwworm

- DEFRA Risk assessment: New World Screwworm (NWS) to Great Britain from the USA and South America [Read More](#)
- USDA New World Screwworm Response Playbook V2 [Read More](#)

Shamonda Virus Europe

- Pre-print: Case Report: Detection of Shamonda Virus in Two Horses with Neurological Signs in Germany [Read More](#)

Vectors and Vector Borne Diseases

- Human Infection with Japanese Encephalitis Virus Genotype V, China, 2025 [Read More](#)

Other

- Public health risks and control measures associated with live animal and animal product trade in traditional food markets in low- and middle-income countries: a scoping review [Read More](#)
- New York Global Health Update Report - 10/08/2026 [Read More](#)
- France - Weekly Bulletin for International Animal Health Surveillance 13/10/2026 [Read More](#)
- ECDC - Communicable disease threats report, 3 – 9 October, week 41 [Read More](#)
- European Commission Animal Disease Information System – Weekly Outbreak Summary [Read More](#)
- SHIC Global Disease Monitoring Report – October 2026 [Read More](#)
- SHIC Domestic Disease Monitoring Report – October 2026 [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.