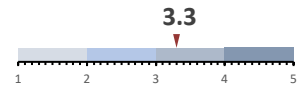


SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

Brucellosis

- ◆ Brucellosis has seen a 1900% rise in just 3 years in **England**, with most cases associated with imported/rescue dogs

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Porcine Reproductive & Respiratory Syndrome

- ◆ The Swine Health Information Center is advising pork producers of a second wave of a new highly pathogenic 144 PRRS variant, which has caused a lot of problems in the **U.S. Midwest**

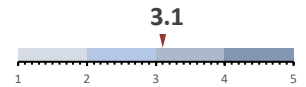
[Read More](#)



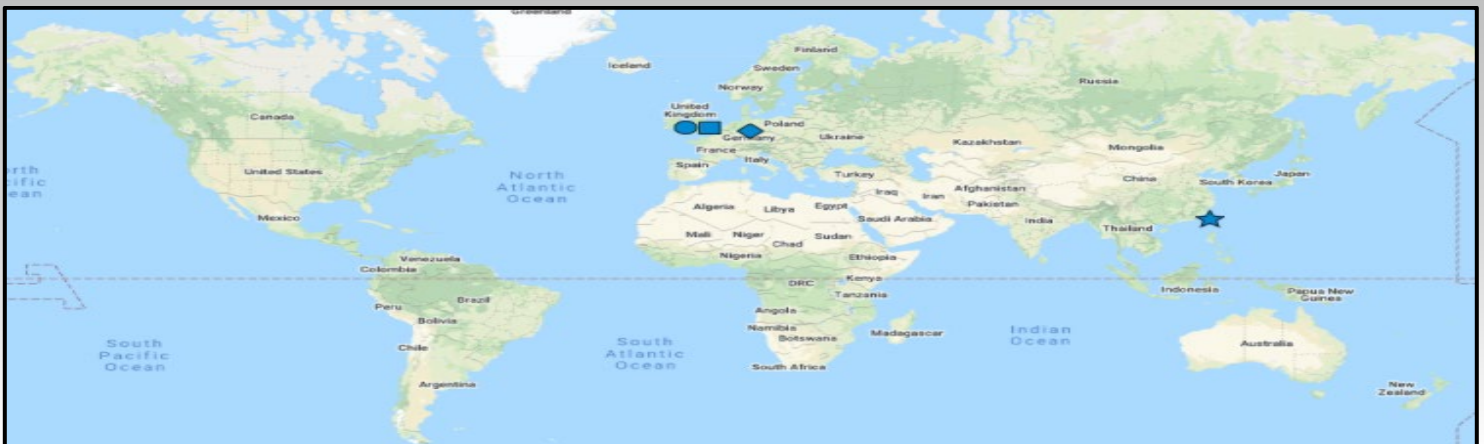
Bovine Tuberculosis

- ◆ Bovine TB is a raising concern in **U.S.** cattle herds as well as at the human-livestock-wildlife interface

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NEW EVENTS: (events rated > 2)



Brucellosis in England

Pathogen: Bacteria ; **Transmission:** Direct contact, Fomite; **Species affected in event:** Canine

① Brucellosis has seen a 1900% rise in just 3 years in England, with most cases associated with imported/rescue dogs. The disease has been detected in 60 dogs in the past year [2020/21] compared to just 3 in 2017/18 -- with fears that the rise in people buying pets during lockdown will see it rise even further. Public Health England said on Friday [5 Jun] that 250 people had been tested but no one has returned a positive result.

[Read More](#)

Avg. Rating	3.3
No. of Signal	1
No. of Ratings	17

Influenza A H1N1 in Germany

Pathogen: Virus ; **Transmission:** Direct contact, Aerosol, Fomite; **Species affected in event:** Human

① The WHO recently reported a human case of infection with influenza A(H1N1)v in Germany. The individual infected is a 17-year-old boy from Mecklenburg-Western Pomerania who developed an influenza-like illness onset on 18 April 2021. The patient worked on a swine farm a few days prior to illness onset.

[Read More](#)

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

Monkeypox in Wales

Pathogen: Virus ; **Transmission:** Direct contact, Aerosol, Fomite; **Species affected in event:** Human

① On 25 May 2021, the UK notified the WHO of one laboratory-confirmed case of monkeypox. The patient arrived in the UK on 8 May 2021. Prior to travel, the patient had lived and worked in Delta State, Nigeria. On 29 May, a family member with whom the patient quarantined developed lesions clinically compatible with monkeypox. Follow up is being undertaken for the contacts of the two cases.

[Read More](#)

Avg. Rating	1.6 - 2.4
No. of Signal	7
No. of Ratings	3 - 5

Influenza A H1N2 in Taiwan

Pathogen: Virus ; **Transmission:** Direct contact, Aerosol, Fomite; **Species affected in event:** Human

① The Taiwan Center for Disease Control has reported a human H1N2v influenza case in a 5-year-old girl living in the central area. She had mild illness, didn't require hospitalization, and was engaged in livestock breeding at home.

[Read More](#)

Avg. Rating	2.0 - 2.3
No. of Signal	2
No. of Ratings	4 - 5

CONTINUED EVENTS: (events rated \geq 2.4)

Porcine Reproductive & Respiratory Syndrome in the US **No. of Signals: 01** **No. of weeks in report: 08** **Avg. Rating: 3.2**

- The Swine Health Information Center is advising pork producers of a second wave of a new highly pathogenic 144 PRRS variant, which has caused a lot of problems in the [U.S. Midwest](#)

Bovine Tuberculosis in the US **No. of Signals: 01** **No. of weeks in report: 03** **Avg. Rating: 3.1**

- Bovine TB is a raising concern in [U.S.](#) cattle herds as well as at the human-livestock-wildlife interface
- A slaughter check at a Minnesota packing plant recently detected TB in a beef cow from a herd in South Dakota, the 1st confirmed case in state since 2017
- In the past two years in Michigan, five DNR workers and three hunters have contracted TB, likely via their interaction with infected deer

African Swine Fever in Asia **No. of Signals: 03** **No. of weeks in report: 112** **Avg. Rating: 2.3 – 2.7**

- [Vietnam](#) has reported an outbreak of ASF in domestic swine in Dien Bien
- Over 5,500 pigs and piglets have been killed in the past two months in [Mizoram](#) due to the outbreak of ASF

Highly Pathogenic Avian Influenza in Europe **No. of Signals: 05** **No. of weeks in report: 32** **Avg. Rating: 2.3 - 2.6**

- Estonia has reported cases of [HPAI H5N1](#) in wild birds as well as [HPAI H5N8](#) in captive birds at the Tallinn Zoo
- [Albania](#) has reported an outbreak of HPAI H5N8 in domestic poultry
- [Belgium](#) has reported an outbreak of HPAI H5 in domestic poultry in Wallonia
- [Latvia](#) has reported cases of HPAI H5N1 in wilds birds
- [Germany](#) has reported cases of HPAI H5N4 in wild birds
- A summary of the overall HPAI situation in Europe is available [here](#)

Equine Herpesvirus in the US **No. of Signals: 01** **No. of weeks in report: 02** **Avg. Rating: 2.5**

- An outbreak of EHV-1 at a [Pennsylvania](#) horse barn in March was caused by a new variant of the H₇₅₂ genotype

Highly Pathogenic Avian Influenza in Africa **No. of Signals: 03** **No. of weeks in report: 10** **Avg. Rating: 2.0 - 2.4**

- Reports of a new H10 bird flu strain in [Egypt](#) recently emerged on social media and other websites, however the Ministry of Agriculture and Land Reclamation issued a statement saying that there have been no recorded cases of H10 bird flu in the country
- [South Africa](#) has reported multiple outbreaks of HPAI H5N1 in both farmed and wild birds in Western Cape

Highly Pathogenic Avian Influenza in Asia **No. of Signals: 03** **No. of weeks in report: 26** **Avg. Rating: 1.8 - 2.3**

- [China's](#) agriculture ministry has confirmed an outbreak of H5N8 avian influenza in wild birds in the Northwestern province of Shaanxi

SCIENTIFIC FINDINGS:

- ◆ BSE can propagate in sheep co-infected or pre-infected with scrapie [Read More](#)
- ◆ African swine fever: risks from outdoor pig farms [Read More](#)
- ◆ Modeling the outbreak and control of African swine fever virus in large-scale pig farms [Read More](#)
- ◆ Understanding breeding herd Senecavirus A infection [Read More](#)
- ◆ EFSA: Avian influenza overview February – May 2021 [Read More](#)
- ◆ SARS-CoV-2 infection in cats and dogs in infected mink farms [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.