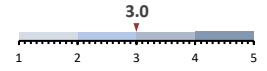


## SUMMARY: RELEVANT EVENTS (includes all events rated $\geq 3.0$ )

### Bovine Tuberculosis

◆ Bovine tuberculosis has been confirmed in a **South Dakota** beef herd for the first time since 2017

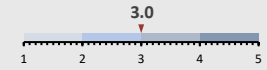
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### African Swine Fever

◆ **China** has reported an outbreak of ASF in Xinjiang, on a farm in Yili prefecture with 466 pigs

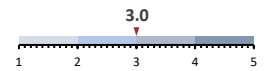
[Read More](#)



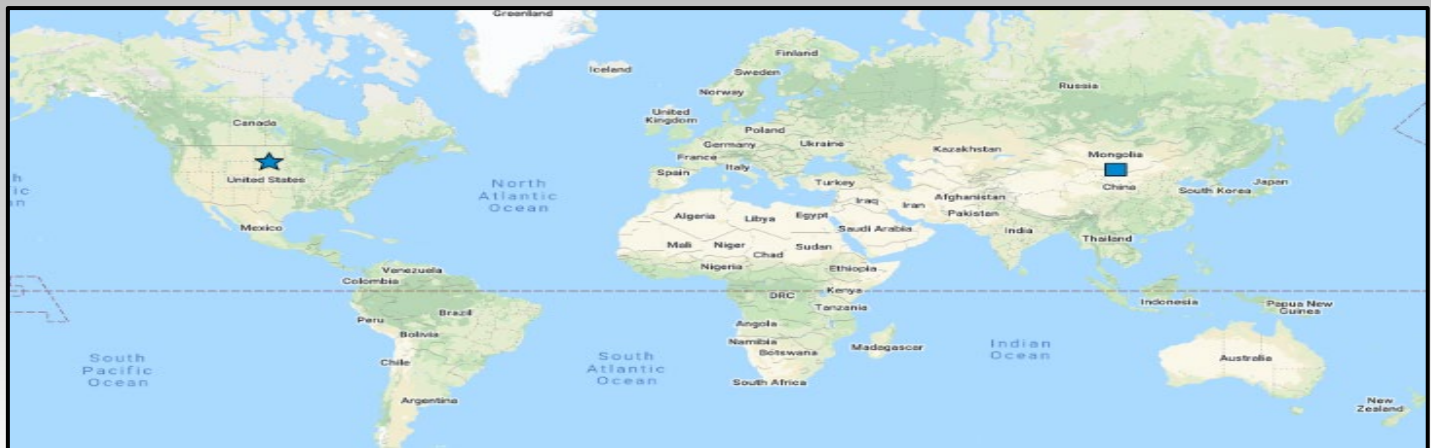
### Undiagnosed

◆ Chinese authorities are investigating dozens of dead pigs found along a section of the Yellow River in **Inner Mongolia**

[Read More](#)



## NEW EVENTS: (events rated > 2)



### ◆ Undiagnosed pig deaths in China

**Pathogen:** Unknown ; **Transmission:** Unknown ; **Species affected in event:** Porcine

① Dozens of pig carcasses were discovered in the Inner Mongolia section of the country's 2nd-longest river, with some rotting in the water. Local authorities are investigating the source of the pigs and checking if they carried any disease, in addition to disinfecting the area. This isn't the 1st time China has found dead pigs in its rivers. In 2013, thousands of dead pigs were discovered in Shanghai's Huangpu river, and in 2014 authorities pulled more than 100 dead pigs from the Ganjiang River in Nanchang city.

[Read More](#)

Avg. Rating	2.5 - 3.0
No. of Signal	2
No. of Ratings	3 - 4



### ★ Bovine Tuberculosis in South Dakota

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

① Bovine tuberculosis has been confirmed in a South Dakota beef herd for the first time since 2017. An infected cow was initially identified in January by meat inspectors during routine inspection at a Minnesota packing plant. Records linked the cow to a Corson County beef herd which had additional animals confirmed as infected by recent laboratory testing.

[Read More](#)

Avg. Rating	2.3 - 3.0
No. of Signal	3
No. of Ratings	3

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

<b>African Swine Fever in Asia</b>	<b>No. of Signals: 06</b>	<b>No. of weeks in report: 101</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<ul style="list-style-type: none"> <li>In <a href="#">Malaysia</a>, ASF has now spread widely among the vulnerable Bornean bearded pigs with at least 128 confirmed deaths</li> <li><a href="#">China</a> has reported an outbreak of ASF in domestic swine in Xinjiang, on a farm in Yili prefecture with 466 pigs</li> </ul>			
<b>African Swine Fever in Europe</b>	<b>No. of Signals: 04</b>	<b>No. of weeks in report: 92</b>	<b>Avg. Rating: 2.3 – 2.7</b>
<ul style="list-style-type: none"> <li>The number of wild boar found infected with ASF in the border region of <a href="#">Poland and Germany</a> is approaching 5,000</li> <li><a href="#">Ukraine</a> has reported an outbreak of ASF in domestic swine in Vinnyts'ka</li> </ul>			
<b>Highly Pathogenic Avian Influenza in Europe</b>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 21</b>	<b>Avg. Rating: 2.2 - 2.7</b>
<ul style="list-style-type: none"> <li><a href="#">Sweden</a>, <a href="#">Czech Republic</a>, <a href="#">Ukraine</a>, <a href="#">Netherlands</a>, and <a href="#">Austria</a> have reported HPAI H5 in wild birds</li> <li><a href="#">Denmark</a> has reported an outbreak HPAI H5N5 in domestic poultry in Roskilde</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>			
<b>Influenza A (H5N6) in China</b>	<b>No. of Signals: 03</b>	<b>No. of weeks in report: 5</b>	<b>Avg. Rating: 2.0 - 2.3</b>
<ul style="list-style-type: none"> <li><a href="#">China</a> has reported a human H5N6 avian influenza death in Guangxi</li> </ul>			
<b>COVID-19 Worldwide (as of March 28, 2021)</b>	<b>No. of Signals: 46</b>	<b>No. of weeks in report: 47</b>	<b>Avg. Rating: 1.0 - 2.3</b>
<ul style="list-style-type: none"> <li>Worldwide, there have been 126,697,603 confirmed cases of <a href="#">COVID-19</a> with 2,776,175 deaths reported</li> <li>In <a href="#">Canada</a>, there have been 965,404 cases of COVID-19 with 22,880 deaths reported</li> <li>The CDC is investigating possible mink-to-human transmission of SARS-CoV-2 in <a href="#">Michigan</a></li> <li>A cat in <a href="#">Italy</a> has tested positive for the SARS-CoV-2 variant B.1.1.7</li> <li>Cats and dogs in <a href="#">Argentina</a> have been reported positive for SARS-CoV-2</li> </ul>			

## SCIENTIFIC FINDINGS:

- ◆ Tula Virus as Causative Agent of Hantavirus Disease in Immunocompetent Person, Germany [Read More](#)
- ◆ Animal Reservoirs and Hosts for Emerging Alphacoronaviruses and Betacoronaviruses [Read More](#)
- ◆ Outbreaks of Vector-Borne and Zoonotic Diseases Are Associated With Changes in Forest Cover and Oil Palm Expansion at Global Scale [Read More](#)
- ◆ Population genetic structure of the Asian bush mosquito, *Aedes japonicus* (Diptera, Culicidae), in Belgium suggests multiple introductions [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.