

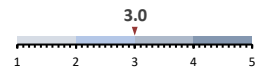
SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

African Swine Fever

- ◆ In the **Philippines**, ASF has spread to Lope de Vega, Northern Samar
- ◆ ASF outbreaks have been reported in the **Indonesian** province of East Nusa Tenggara and the island of Flores, killing tens of thousands of pigs

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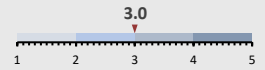
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Undiagnosed Encephalitis in Bears

- ◆ A strange ailment appears to be striping young bears of their fear of humans - and also causing fatal brain inflammation - across **Nevada and California**; four cases have already been reported in California this year [2021]

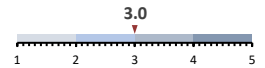
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Classical Swine Fever

- ◆ On March 22, the **Brazilian** state Piaui, in the country's North East region, confirmed 2 outbreaks of CSF in 2 small non-commercial pig farms in the municipality of Demerval Lobão, ~1,200km outside the CSF Free Zone

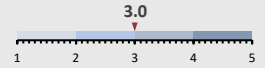
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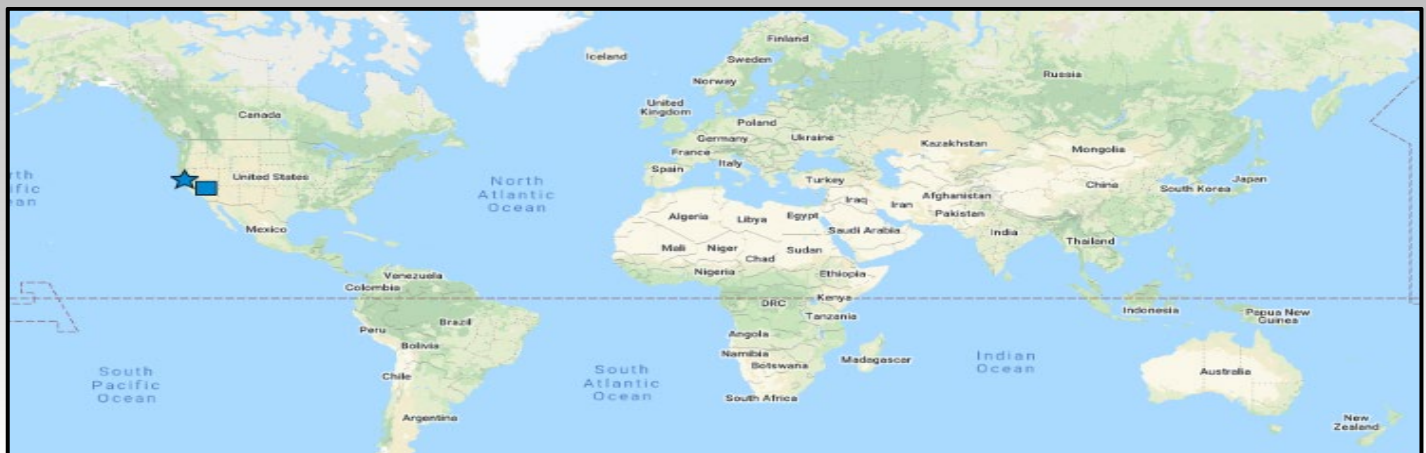
COVID-19

- ◆ A new SARS-CoV-2 outbreak has been confirmed on a mink farm in the southern **Lithuanian** district of Lazdijai, near the border with Poland

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NEW EVENTS: (events rated > 2)



■ Undiagnosed Encephalitis in Bears in the US

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

① Wildlife officials in California are worried about a strange ailment that appears to strip young bears of their fear of humans - and is also causing fatal brain inflammation. The mystery disease has shown up in Nevada and California, starting in 2014. In California, there have already been 4 cases seen this year [2021]. A study of American black bears identified 5 different viruses, most notably a new circovirus in black bears which is most similar to a circovirus identified in masked palm civets, a species native to the Indian subcontinent and Southeast Asia. However, a clear relationship between infection status and the neurologic lesions was not established for any of these viruses.

[Read More](#)

Avg. Rating	3.0
No. of Signal	1
No. of Ratings	12

★ Low Pathogenic Avian Influenza H5 in San Francisco

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

① Surveillance detected an avian influenza H5 strain characterized as low pathogenic in a live bird market (LBM) in San Francisco County on March 24th.

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Avg. Rating	2.5
No. of Signal	1
No. of Ratings	2

CONTINUED EVENTS: (events rated ≥ 2.4)

<u>Classical Swine Fever in Brazil</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 03</u>	<u>Avg. Rating: 3.0</u>
<ul style="list-style-type: none"> The Brazilian state Piaui has confirmed 2 outbreaks of CSF in 2 small non-commercial pig farms in the municipality of Demerval Lobão, ~1,200km outside the CSF Free Zone 			
<u>African Swine Fever in Asia</u>	<u>No. of Signals: 07</u>	<u>No. of weeks in report: 102</u>	<u>Avg. Rating: 2.0 - 3.0</u>
<ul style="list-style-type: none"> ASF outbreaks have been reported in the Indonesian province of East Nusa Tenggara and the island of Flores, killing tens of thousands of pigs In the Philippines, ASF has spread to Lope de Vega, Northern Samar China has reported an outbreak of ASF in domestic swine in Hunan Sheng Industry sources and analysts indicate that ASF outbreaks this year have wiped out at least 20% of the breeding herd in northern China, exceeding expected losses and raising fears about the potential for further impact in the south 			
<u>COVID-19 Worldwide (as of April 5, 2021)</u>	<u>No. of Signals: 38</u>	<u>No. of weeks in report: 48</u>	<u>Avg. Rating: 1.0 – 3.0</u>
<ul style="list-style-type: none"> Worldwide, there have been 132,499,396 confirmed cases of COVID-19 with 2,875,844 deaths reported In Canada, there have been 1,014,373 cases of COVID-19 with 23,118 deaths reported A new SARS-CoV-2 outbreak has been confirmed on a mink farm in the southern Lithuanian district of Lazdijai, near the border with Poland 			
<u>African Swine Fever in Europe</u>	<u>No. of Signals: 09</u>	<u>No. of weeks in report: 93</u>	<u>Avg. Rating: 2.0 – 2.7</u>
<ul style="list-style-type: none"> Hungary, Germany, Latvia, and Romania have reported cases of ASF in wild boar Romania, Russia, and Ukraine have reported outbreaks of ASF in domestic swine 			
<u>Rabbit Hemorrhagic Disease in the US</u>	<u>No. of Signals: 04</u>	<u>No. of weeks in report: 06</u>	<u>Avg. Rating: 2.0 – 2.7</u>
<ul style="list-style-type: none"> Idaho has confirmed its first cases of RHDV2 in 2 wild jackrabbits in Ada County Oregon has confirmed RHDV2 in a feral domestic rabbit found dead in Milwaukie A domestic rabbit in northeast Arkansas tested positive for RHDV-2 Colorado has reported new cases of RHDV-2 in Garfield and Saguache counties 			
<u>Highly Pathogenic Avian Influenza in Asia</u>	<u>No. of Signals: 02</u>	<u>No. of weeks in report: 20</u>	<u>Avg. Rating: 2.0 - 2.7</u>
<ul style="list-style-type: none"> South Korea has confirmed three additional cases of bird flu in wild birds Avian influenza H5N1 has been identified as the cause of death of Asian Openbills in Cambodia 			
<u>Highly Pathogenic Avian Influenza in Europe</u>	<u>No. of Signals: 08</u>	<u>No. of weeks in report: 22</u>	<u>Avg. Rating: 2.0 - 2.5</u>
<ul style="list-style-type: none"> France has reported a case of HPAI H5N1 in a wild bird Austria has reported cases of HPAI H5N8 in wild birds The UK has reported two outbreaks of avian influenza: HPAI H5N8 at a broiler farm in Staffordshire and LPAI H5N3 at a turkey breeding facility in Cheshire West and Chester A summary of the overall HPAI situation in Europe is available here 			
<u>Chronic Wasting Disease in the US</u>	<u>No. of Signals: 01</u>	<u>No. of weeks in report: 11</u>	<u>Avg. Rating: 2.5</u>
<ul style="list-style-type: none"> CWD has been discovered in deer breeding facilities in both Hunt and Uvalde counties, Texas 			
<u>Highly Pathogenic Avian Influenza in Africa</u>	<u>No. of Signals: 03</u>	<u>No. of weeks in report: 05</u>	<u>Avg. Rating: 1.7 - 2.5</u>
<ul style="list-style-type: none"> Algeria has reported HPAI H5N8 in wild birds The FAO is warning African nations to be on high alert for avian influenza after multiple outbreaks in wild birds across Europe 			

SCIENTIFIC FINDINGS:

- ◆ Risk and Mitigation of African Swine Fever Virus in Feed [Read More](#)
- ◆ Hunting the eagle killer: A cyanobacterial neurotoxin causes vacuolar myelinopathy [Read More](#)
- ◆ Isolation and evolutionary analysis of Senecavirus A isolates from Guangdong province, China [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.