

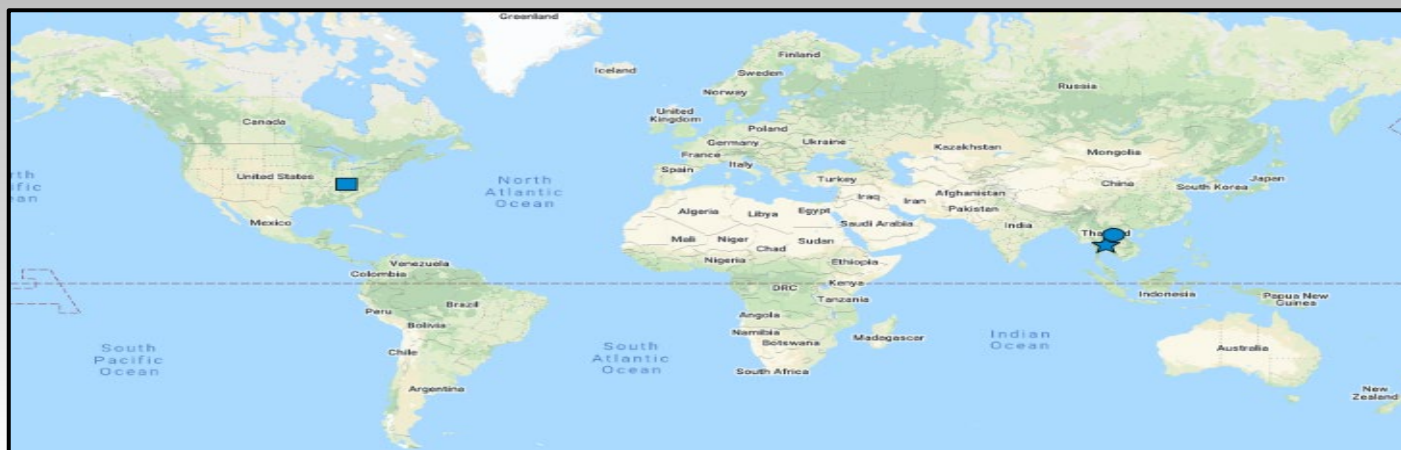
## CORRECTION NOTICE

Weekly Intelligence Report March 29 – April 4: Japan remains free of ASF - No cases of ASF were detected in wild boar in Japan

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

No relevant events to report this week

## NEW EVENTS: (events rated $> 2$ )



**■ New Strain of Rotavirus in the US**  
**Pathogen:** Virus ; **Transmission:** Fecal-oral; **Species affected in event:** Equine

① A new rotavirus not previously seen in horses is the culprit behind a rash of foal diarrhea cases seen during the 1st several months of the year [2021] at farms in Central Kentucky. Because the virus is a different strain, it could not be detected using existing diagnostic tests for equine rotavirus A, and also the currently available commercial vaccine does not provide any protection.

[Read More](#)

Avg. Rating	2.7
No. of Signal	1
No. of Ratings	24

**★ Lumpy Skin Disease in Thailand**  
**Pathogen:** Virus ; **Transmission:** Vector, Direct contact ; **Species affected in event:** Cattle

① Thailand has reported its first outbreak of LSD in Roi Et, a central northeastern province. On 29 Mar 2021, a district livestock officer was notified by a farmer of a severe skin disease and abscesses in a beef cattle farm. The cattle were treated with antibiotics but the clinical signs did not improve. The officer notified the province for further sample collection according to the lumpy skin disease clinical surveillance guideline.

[Read More](#)

Avg. Rating	2.2
No. of Signal	1
No. of Ratings	6

**● Avian Influenza A H5N6 in Laos**  
**Pathogen:** Virus ; **Transmission:** Direct contact, Aerosol, Fomite ; **Species affected in event:** Human

① The first human case of avian influenza A(H5N6) infection has been reported in Laos. A five-year-old boy from Luang Prabang province in northern Laos developed symptoms on 28 February 2021, was hospitalized and tested positive for A(H5N6) on 8 March 2021. The boy recovered. He had exposure to poultry. The poultry tested positive for H5N6. None of the contacts at home or in the hospital had the disease.

[Read More](#)

Avg. Rating	2.2
No. of Signal	1
No. of Ratings	6

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

### African Swine Fever in Asia

**No. of Signals: 11**

**No. of weeks in report: 103**

**Avg. Rating: 2.3 - 2.9**

- [Taiwan](#) has begun testing hog herds and establishing movement controls near where a dead pig infected with ASF washed ashore in northern Taiwan
- [China](#) has reported an outbreak of ASF on a farm in Xinjiang
- [Vietnam](#) has reported an outbreak of ASF in domestic swine in Ha Tinh
- Dozens of residents in the north-central [Vietnamese](#) province of Nghe An have been dumping dead pigs into ditches and rivers despite the ongoing ASF epidemic
- ~ 125 pigs have died in [Mizoram's](#) Lunglei district over the last 2 weeks, the cause of death suspected to be ASF – samples have been sent for confirmation

### Highly Pathogenic Avian Influenza in Europe

**No. of Signals: 08**

**No. of weeks in report: 23**

**Avg. Rating: 2.2 - 2.7**

- [Germany](#) has reported multiple outbreaks of HPAI H5N8 in domestic poultry
- [Greece](#) has reported HPAI H5N8 in pelicans
- [Lithuania](#) has reported HPAI H7N7 in swans
- [Russia](#) has reported HPAI H5N5 in pelicans and gulls
- [Ukraine](#) has reported HPAI H5 in falcons
- A summary of the overall HPAI situation in Europe is available [here](#)

### Contaminated Pork Products in Oceania

**No. of Signals: 01**

**No. of weeks in report: 03**

**Avg. Rating: 2.7**

- African swine fever and foot and mouth disease virus fragments have again been detected in pork products seized at [Australia's](#) international mail centres

### African Swine Fever in Europe

**No. of Signals: 06**

**No. of weeks in report: 94**

**Avg. Rating: 2.0 – 2.5**

- [Latvia](#), [Hungary](#), [Poland](#), [Germany](#), and [Russia](#) have reported cases of ASF in wild boar
- [Romania](#) has reported outbreaks of ASF in domestic swine

### Highly Pathogenic Avian Influenza in Africa

**No. of Signals: 03**

**No. of weeks in report: 06**

**Avg. Rating: 2.0 - 2.3**

- The [Nigeria](#) Centre for Disease Control has reported an outbreak of HPAI H5N1 in poultry on 30 farms from seven states in Nigeria: Kano, Plateau, Bauchi, Gombe, Nasarawa, Kaduna and the Niger States
- As of 28 March 2021, [83 human nasopharyngeal/oropharyngeal samples](#) have been collected from contacts of confirmed birds in four states: Kano (27), Bauchi (19), Gombe (19), and Plateau (18). All contacts were farmers, farmworkers, bird-handlers, and traders, and all were asymptomatic. Of the 83 collected samples, 64 samples were analyzed using real-time RT-PCR, and seven were positive for influenza A virus [six samples of influenza A (H5 - NA undetermined) and one sample of unsubtypable influenza A virus]

## SCIENTIFIC FINDINGS:

- ◆ An unusual case of hemorrhagic bursa in a pullet flock associated with a genogroup 2 infectious bursal disease virus [Read More](#)
- ◆ First detection of porcine respirovirus 1 in Germany and the Netherlands [Read More](#)
- ◆ Human infection with an unknown species of *Dracunculus* in Vietnam [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.