This intelligence report is based on the collective rating of information signals by the CEZD community, as acquired and selected from twenty-one disease news 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.

Most Relevant Signals  04.29.2019 – 05.05.2019

1. **Disease:** African Swine Fever (ASF)  
   **Species affected:** Swine  
   **Location:** North Korea  
   **Community Relevance Rating:** 3.60  
   **Number of weeks in intelligence report:** 1

   **Description:** African swine fever has now spread to North Korea, according to multiple sources inside the country. ASF began to spread in the Hyunghaesan district (Pyongyang), Sungho (North Hwanghae province), and other areas on the outskirts of Pyongyang from mid-February [2019] and has led to the deaths of many pigs that had been raised by families.

   When ASF began to spread, North Korean authorities prohibited the distribution and sale of pork from late February [2019] and there are still prohibitions on raising pigs and the sale of pork at markets. North Koreans, however, are still selling pork at markets despite these restrictions.

   [For more information](http://www.promedmail.org/direct.php?id=20190430.6449134)

2. **Disease:** African Swine Fever (ASF)  
   **Species affected:** Swine  
   **Location:** China  
   **Community Relevance Rating:** 3.50  
   **Number of weeks in intelligence report:** 34

   **Description:** ASF cases continue to be reported from China. The disease has been found in every province and region on the mainland since it was 1st detected in August 2018.

   China is now requiring pig slaughterhouses to conduct self-checks monitored by veterinarians to curb the spread of ASF, according to a statement from the Ministry of Agriculture and Rural Affairs. The ministry believes that compulsory checks can help them find out the ASF situation in slaughterhouses, track their epidemic control and the whereabouts of their pigs and swine products.

   [For more information](https://www.agweb.com/article/china-increases-asf-self-checks-in-pig-slaughterhouses/)

3. **Disease:** African Swine Fever (ASF)  
   **Species affected:** Swine  
   **Location:** Europe  
   **Community Relevance Rating:** 3.00  
   **Number of weeks in intelligence report:** 25

   **Description:** ASF cases continue to be reported from Europe. Last week, ASF cases were reported in wild boar from: Hungary, Latvia, Poland, Ukraine and Romania. Meanwhile, Romania and Ukraine also reported cases in domestic swine.

   [For more information](http://www.promedmail.org/direct.php?id=20190428.6446205)

   [Empres-i.fao.org/empres-i/2/obd?idOutbreak=252207&rss=t](http://empres-i.fao.org/empres-i/2/obd?idOutbreak=252207&rss=t)

4. **Disease:** Virulent Newcastle Disease (vND)  
   **Species affected:** Avian  
   **Location:** USA, California  
   **Community Relevance Rating:** 3.00  
   **Number of weeks in intelligence report:** 31

   **Description:** During the week of April 19-25, the USDA confirmed three additional cases of vND in Riverside and San Bernardino counties, California.

   Since May 18, 2018, USDA has confirmed 428 cases of vND in California, including: 136 in San Bernardino County, 248 in Riverside County, 42 in Los Angeles County, 1 in Ventura County, and 1 in Alameda County. USDA also confirmed 1 case in Utah County, Utah and 1 case in Coconino County, Arizona.

   [For more information](https://content.govdelivery.com/accounts/USDAAPHIS/bulletins/2411d43)

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Canadian Food Inspection Agency
Agence canadienne d’inspection des aliments
Most Relevant Signals 04.29.2019 – 05.05.2019

5

**Disease:** Equine Infectious Anemia (EIA)
**Species affected:** Equine
**Location:** Canada, Saskatchewan

**Community Relevance Rating:** 3.00

**Description:** On 25 Apr 2019, a positive equine infectious anemia (EIA) result was confirmed by the CFIA’s national reference laboratory for a horse located on a premise in the rural municipality of Meadow Lake, Saskatchewan. This is the 9th positive EIA case since the start of the year [2019]. A CFIA investigation is underway and a quarantine has been placed on the infected horse and its on-premises contact animals.

*For more information: [http://www.promedmail.org/direct.php?id=20190501.6451994](http://www.promedmail.org/direct.php?id=20190501.6451994)*

**Number of weeks in intelligence report:** 1

6

**Disease:** Equine Infectious Anemia (EIA)
**Species affected:** Equine
**Location:** USA, Iowa

**Community Relevance Rating:** 3.00

**Description:** Ten Quarter Horse geldings in Polk County, Iowa, were euthanized after veterinarians confirmed they had contracted equine infectious anemia (EIA). The euthanized geldings ranged in age from 3 to 9 years old. Another 30 horses have been exposed to the disease and are under quarantine.

*For more information: [https://thehorse.com/171471/10-eia-positive-horses-euthanized-in-iowa/](https://thehorse.com/171471/10-eia-positive-horses-euthanized-in-iowa/)*

**Number of weeks in intelligence report:** 1