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 04.15.2019 – 04.21.2019

1. **Disease:** African Swine Fever (ASF)  
   **Species affected:** Swine  
   **Location:** China  
   **Community Relevance Rating:** 3.20  
   **Number of weeks in intelligence report:** 33  
   **Description:** ASF cases continue to be reported from China. Over the last week multiple outbreaks were reported from the island province of Hainan, the last of China’s Provinces to report the virus. The disease has now been found in every province and region on the mainland since it was 1st detected in August 2018.  
   **For more information:** [http://afludiary.blogspot.com/2019/04/hoa-hinan-chinas-last-province-reports.html](http://afludiary.blogspot.com/2019/04/hoa-hinan-chinas-last-province-reports.html)

2. **Disease:** Classical Swine Fever (CSF)  
   **Species affected:** Swine  
   **Location:** Japan, Gifu & Aichi Prefecture  
   **Community Relevance Rating:** 3.20  
   **Number of weeks in intelligence report:** 14  
   **Description:** To date, Japan has reported 21 CSF outbreaks in commercial farms. Additionally, hundreds of wild boar have tested positive for the virus over the last 6 months, primarily in Gifu Prefecture with a few in Aichi Prefecture. In an effort to control the disease, a total of 75 554 pigs have been culled and vaccine-containing feed has been placed in the ground at 900 locations.  

3. **Disease:** Virulent Newcastle Disease (vND)  
   **Species affected:** Avian  
   **Location:** USA, California  
   **Community Relevance Rating:** 3.20  
   **Number of weeks in intelligence report:** 30  
   **Description:** During the week of April 12-18, the USDA confirmed 5 additional cases of vND in Riverside and San Bernardino counties, California. Since May 18, the USDA has confirmed 422 cases of vND in California, including: 132 in San Bernardino County, 246 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/23f9d55](https://content.govdelivery.com/accounts/USDAAPHIS/bulletins/23f9d55)

4. **Disease:** Newcastle disease  
   **Species affected:** Avian  
   **Location:** Mexico, Sonora  
   **Community Relevance Rating:** 3.00  
   **Number of weeks in intelligence report:** 1  
   **Description:** An outbreak of Newcastle disease has been reported in a backyard premises in the municipality of San Luis Rio Colorado, in the State of Sonora. The disease occurred in a backyard holding with 150 fighting birds and was detected following a notification regarding a high mortality and clinical signs suggesting Newcastle disease.  
   In January 2019, Mexico reported an event of Newcastle disease. To date, 26 outbreaks have been reported and, in all cases, the affected birds have been backyard poultry. The affected states are Guanajuato, Chiapas, Jalisco, Aguascalientes and Tlaxcala.  
   **For more information:** [http://www.promedmail.org/direct.php?id=20190415.6424363](http://www.promedmail.org/direct.php?id=20190415.6424363)

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