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 2020.03.23 – 2020.03.29**

1. **Disease:** Detection of SARS-COV2  
   **Species affected:** Feline & Canine  
   **Location:** Belgium & Hong Kong  
   **Community Relevance Rating:** 3.30  
   **Number of weeks in intelligence report:** 3

   **Description:** A cat in Belgium, owned by a person with COVID-19, has tested positive for the virus. The cat developed diarrhea, vomiting and respiratory difficulty about 1 week after the owner got sick and SARS-CoV-2 was found in the cat’s feces.

   In Hong Kong, a total of 2 dogs have tested positive for COVID-19, with the Agriculture, Fisheries and Conservation Department having conducted tests on 17 dogs and 8 cats from households with confirmed COVID-19 cases or persons in close contact with confirmed patients.

   **For more information:** [https://www.wormsandgermsblog.com/2020/03/articles/animals/cats/covid-19-in-a-cat-belgium/](https://www.wormsandgermsblog.com/2020/03/articles/animals/cats/covid-19-in-a-cat-belgium/)  
   [https://promedmail.org/promed-post/?id=20200327.7151215](https://promedmail.org/promed-post/?id=20200327.7151215)

2. **Disease:** African Swine Fever (ASF)  
   **Species affected:** Swine  
   **Location:** Europe, Poland  
   **Community Relevance Rating:** 3.10  
   **Number of weeks in intelligence report:** 47

   **Description:** For the first time, ASF has been detected in a large domestic pig farm in Western Poland, affecting over 23,700 pigs. It is the largest affected pig farm since Poland has started reporting ASF outbreaks in 2014.

   An ASF infected wild boar was also found 10.5km from the border with Germany.

   **For more information:** [https://www.pigprogress.net/Health/Articles/2020/3/ASF-Poland-First-outbreak-on-farm-in-Western-Poland-559288E/](https://www.pigprogress.net/Health/Articles/2020/3/ASF-Poland-First-outbreak-on-farm-in-Western-Poland-559288E/)  
   [https://www.pigprogress.net/Health/Articles/2020/3/ASF-Poland-Virus-comes-at-10km-from-German-border-562252E/](https://www.pigprogress.net/Health/Articles/2020/3/ASF-Poland-Virus-comes-at-10km-from-German-border-562252E/)

3. **Disease:** Highly Pathogenic Avian Influenza (HPAI) H5N8  
   **Species affected:** Ducks & Turkeys  
   **Location:** Europe  
   **Community Relevance Rating:** 3.00  
   **Number of weeks in intelligence report:** 1

   **Description:** Germany has reported an outbreak of HPAI H5N8 in a large turkey breeder farm in the Aurich region, in the north-west of the country, close to border with the Netherlands.

   Hungary has detected HPAI H5N8 at a duck farm in Bács-Kiskun County.

   Poland confirmed a new outbreak of HPAI H5N8 on a commercial turkey farm in Sułęcin city, Lubusz Voivodeship.

   **For more information:** [https://promedmail.org/promed-post/?id=20200325.7139260](https://promedmail.org/promed-post/?id=20200325.7139260)  
   [https://promedmail.org/promed-post/?id=20200327.7147622](https://promedmail.org/promed-post/?id=20200327.7147622)

4. **Disease:** Low Pathogenic Avian Influenza (LPAI) H7N3  
   **Species affected:** Turkeys  
   **Location:** USA, North & South Carolina  
   **Community Relevance Rating:** 3.00  
   **Number of weeks in intelligence report:** 1

   **Description:** On March 24, additional cases of LPAI H7N3 were reported in asymptomatic turkey flocks in North Carolina. The diagnoses were obtained as a result of surveillance following the initial cases in Anson and Union Counties in North Carolina on March 13. As of March 24, eight flocks totaling 186,000 turkeys have been depleted with a range in farm population of 11,000 to 45,000. In addition to the two North Carolina counties, a single flock of 36,000 turkeys in Chesterfield County, South Carolina was identified as being infected.