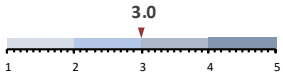
WEEKLY INTELLIGENCE REPORT

August 28th 2023 – September 3rd 2023

SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

Highly Pathogenic Avian Influenza

- In **Argentina**, dead sea lions continue to be found across the country, generating concern that HPAI will continue spreading southward and reach Antarctica and its offshore islands — Read More



NEW EVENTS: (events rated > 2)

No new events to report this week

CONTINUED EVENTS: (events rated ≥ 2.4)

Highly Pathogenic Avian Influenza in South America — No. of Signals: 06 — No. of weeks in report: 41 — Avg. Rating: 2.0 – 3.0

- In Argentina, dead sea lions continue to be found in different provinces across the country, spreading further south and generating concern that HPAI will continue spreading southward and reach Antarctica and its offshore islands
- Ecuador has reported HPAI H5N1 in domestic birds
- Brazil has reported HPAI H5N1 in wild birds

African Swine Fever in Europe — No. of Signals: 08 — No. of weeks in report: 147 — Avg. Rating: 2.0 – 2.8

- Italy has reported ASF on a farm in the north of the country, where the majority of the country's pig industry is concentrated
- Ukraine, Romania, and Russia have reported ASF in domestic swine
- Hungary, Poland, and Italy have reported ASF in wild boar

West Nile Virus in Canada — No. of Signals: 01 — No. of weeks in report: 09 — Avg. Rating: 2.1 – 2.6

- Manitoba is reporting the first confirmed human case of WNV in 2023, along with three other probable WNV cases currently under investigation
- In Ontario, Toronto has reported two positive human cases of WNV; Toronto has stated that there has been a higher number of mosquitoes found infected with WNV this summer

Highly Pathogenic Avian Influenza in Europe — No. of Signals: 09 — No. of weeks in report: 141 — Avg. Rating: 2.0 – 2.6

- Finland has reported HPAI H5N1 in blue foxes at one new fur farm, bringing the total number of affected farms to 26
- Russia has reported HPAI H5N1 in domestic poultry
- Svalbard and Jan Mayen Islands and Italy have reported HPAI H5N1 in wild birds
- Norway and Sweden have reported HPAI H5 in wild birds
- A summary of the overall HPAI situation in Europe is available here

Highly Pathogenic Avian Influenza in North America — No. of Signals: 01 — No. of weeks in report: 80 — Avg. Rating: 2.5

- Washington has removed over 1,700 dead Caspian terns and gulls on Rat Island and adjacent shores due to HPAI; preliminary tests indicate three harbor seals were also infected with final results pending

Vesicular Stomatitis in the USA — No. of Signals: 01 — No. of weeks in report: 09 — Avg. Rating: 2.5

- According to the latest situation report, since August 22 there have been four new vesicular stomatitis-affected premises (0 confirmed positive, 4 suspect) identified in California; all confirmed cases have been vesicular stomatitis New Jersey virus serotype

Highly Pathogenic Avian Influenza in Africa — No. of Signals: 01 — No. of weeks in report: 53 — Avg. Rating: 2.0

- South Africa has reported HPAI H7 in domestic poultry in Gauteng

SCIENTIFIC FINDINGS & REPORTS:

Coronavirus

- Detection of novel coronaviruses from dusky fruit bat (*Penthetor lucasi*) in Sarawak, Malaysian Borneo — Read More
- Accelerated evolution of SARS-CoV-2 in free-ranging white-tailed deer — Read More

Influenza

- Recurring Trans-Atlantic Incursion of Clade 2.3.4.4b H5N1 Viruses by Long Distance Migratory Birds from Northern Europe to Canada in 2022/2023 — Read More
- Asymptomatic infection with clade 2.3.4.4b highly pathogenic avian influenza A(H5N1) in carnivore pets, Italy, April 2023 — Read More
- A comprehensive review of highly pathogenic avian influenza (HPAI) H5N1: An imminent threat at doorstep — Read More
- Reported Global Avian Influenza Detections Among Humans and Animals During 2013-2022: Comprehensive Review and Analysis of Available Surveillance Data — Read More
- Research Note: A recombinant duck-derived H6N2 subtype avian influenza virus can replicate and shed in young chickens and cause disease — Read More