

May 2020 FBCC Disease Summary

Ontario – Infectious Laryngotracheitis (ILT)

- There have been 4 new cases of ILT diagnosed in small poultry flocks since May 1. A single expanded Biosecurity Advisory Area has been established made up of parts of southern Wellington County, western Halton and northwest City of Hamilton.
- The April 24 Biosecurity Advisory for Alnwick-Haldimand township in Northumberland county was lifted on June 1. All the birds in the small flock died or were euthanized, and the premises has been cleaned and disinfected. New birds are being raised in separate area.

California - virulent Newcastle Disease (vND)

No new cases since February. 476 cases in past 2 years. Regional Quarantines remain in place. CDFA/USDA are on track to release the regional quarantine in the first half of June.

North and South Carolina - Low Pathogenic Avian Influenza (LPAI) H7N3

The one affected South Carolina premises has been released from quarantine. All 11 affected premises in North Carolina remain quarantined. Composting has been completed and cleaning and disinfection activities are in progress.

North and South Carolina – Highly Pathogenic Avian Influenza (HPAI) H7N3

The one positive premises in South Carolina remains quarantined. Cleaning and disinfection were completed as of 7 May. Control area was released on May 6 after 4 rounds of testing. On Aug 7 US would be eligible to be considered HPAI-free if regional surveillance is negative.

European status

There have been 321 HPAI H5N8 outbreaks in European poultry since January 1. Of these, 270 were in Hungary, and 32 in Poland. Other countries that have reported one or more outbreaks since January 1 are Bulgaria, Czech Republic, Germany, Romania, Slovakia, and Ukraine. Veterinary authorities in Germany, Romania and Ukraine have declared the AI situation in their respective countries “resolved.”

Hungary – HPAI H5N8

All 38 new HPAI outbreaks in Europe in May were in Hungary. The disease appears to be widespread in commercial premises in southern Hungary, with surveillance activities identifying new outbreaks (mostly secondary cases in 3 different counties). Well over 3.5 million poultry have been died or been culled to bring the disease under control.

Ireland - LPAI H6N1

Low Pathogenic Avian Influenza (LPAI) of the H6N1 subtype has been detected in ten flocks in County Monaghan.(bordering Northern Ireland) Eight of the flocks are table egg laying flocks while a further two are turkey flocks. Culling of birds has occurred at the expense of the flock owners. The loss of some 500,000 hens has resulted in a 15% reduction of egg supply.

Northern Ireland - LPAI H6N1

Virus detected in 15 table egg layers and broiler breeders including one grandparent flocks.

Italy - LPAI H7N1

LPAI H7N1 diagnosed in two contiguous commercial turkey farms, each with 7,150 birds in the Treviso region. This is the first H7N1 this year in Europe. Depopulation completed.

Republic of North Macedonia – virulent Newcastle Disease (vND)

A backyard flock in east Skopje area experiencing 59% mortality diagnosed with vND. Unknown if this is connected to 2 cases reported in April FBCC update.

Republic of Iraq - HPAI H5N8

Virus was diagnosed in 59,700 bird flock in northern Iraq (first since March 2019).

China - H9N2 AI (zoonotic)

China has detected 2 more H9N2 AI infections involving children who were in contact with poultry. Seven H9N2 human cases have been reported since October 2019. H7/H5 poultry vaccination programs offer no protection from this strain. LPAI H9N2 viruses are enzootic in poultry in several countries. While not reportable, this virus has moderate pandemic potential, either directly or through gene reassortment with another flu virus.

Taiwan - HPAI H5N5

Three commercial chicken flocks diagnosed in May. 31 cases of this virus since last September

Vietnam - HPAI H5N1 and HPIA H5N6

3 flocks in southern part of Vietnam with 3070 birds with high mortality (H5N1)

2 flocks in northern part of Vietnam 21,138 birds (H5N6)