**April 2020 FBCC Disease General Update**

**Ontario – Infectious Laryngotracheitis (ILT)**

On April 24, 2020, Infectious Laryngotracheitis (ILT) was diagnosed in a small non-commercial chicken flock in Alnwick-Haldimand township in Northumberland county. A Biosecurity Advisory Area has been established. This is Ontario’s first reported ILT case in the past 10 months.

**United States**

**California -virulent Newcastle Disease (vND)**

No new cases since February. 476 cases in past 2 years. Quarantines remain in place.

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

Another turkey flock was detected with LPAI on April 2 for a total of 12 in this outbreak. Sequencing data supports a single virus introduction followed by secondary spread. This H7N3 LPAI virus has not previously been seen in poultry and is of North American wild bird lineage.

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

On April 9, 2020 HPAI H7N3 was reported in a commercial turkey flock in Chesterfield County, South Carolina.  Four other barns on the premises were infected with LPAI H7N3, suggesting a virus mutation. All 13 flocks (350,000 turkeys) have been depopulated followed by in-house composting. To date, no surrounding flocks have demonstrated evidence of exposure. HPAI was last detected in the U.S. in 2017. Import bans from most countries have been confined to the county or state level.

**North Carolina - Infectious Laryngotracheitis**

Seventy-three (73) poultry farms contracted to several integrators have been diagnosed with ILT over the past two months in North Carolina. Potential causes include weak biosecurity, wind from live haul of harvested broilers or ineffective vaccination programs. ILT has become one of the most economically important diseases of commercial broiler chickens in the U.S.

**Europe**

**Hungary - High Path AI H5N8**

The outbreak in Bakskiskum/Cosongrad counties (near Serbian border) that began March 22 continues to ravage commercial flocks. In addition to the 38 cases reported in our March Summary, **190 new flocks have been stricken in April**. Two new cases in Bekes county along Romanian border have just been reported to OIE. There have been 230 infected flocks since the beginning of 2020. Mortality has varied between zero and 21%.

This has led to the culling of some 3.5 million birds according to the chief veterinary officer of Hungary. Farms complying with regulations are eligible for state compensation, but many farmers have ignored a January decree to keep poultry in closed facilities at all times. These outbreaks are in the same high-density production area affected by HPAI in 2017.

**Poland – High Path AI H5N8**

A commercial turkey farm in Lubusz province in western Poland close to the border with Germany was identified as infected, as part of surveillance related to cases reported last month.

This latest case brings Poland’s total since the end of last year to 33, according to the ministry. 585,500 poultry have died or were destroyed. Outbreaks have occurred in eight Polish provinces, including two that border Germany.

**Republic of North Macedonia – virulent Newcastle Disease (vND)**

April 23 OIE A flock of 14831 broilers in Skopje region experienced 87% mortality due to Newcastle Disease despite apparently having been vaccinated. The disease was also diagnosed in a backyard flock owned by an employee. These are first cases since 2005.

**Asia- High Path Avian Influenza**

**Chinese Taipei (Taiwan), India, and Vietnam reported respectively 1 H5N5, 2 H5N1 and 10 H5N6 new cases during April.**