

## May 2021 FBCC Global Disease Summary

### Ontario - ILT

A small flock was diagnosed with ILT in Kawartha Lakes region on May 20. There have been a total of 9 cases since Jan.1 (3 of them commercial flocks infected as part of the Niagara regional outbreak). There are no outstanding biosecurity advisories besides the current case.

### Quebec - MG

On May 20, a case of Mycoplasma gallisepticum (MG) in turkeys in a small commercial poultry farm located on the Rang de la Rivière Sud in the municipality of St- Esprit in the Lanaudière region (north-east of Montreal). Self-quarantine and biosecurity measures are in place. Sick birds have been slaughtered and planning is underway for a complete cleanup of the site after marketing. A Risk area of 1.5km radius has been established by EQCMA.

### Alberta - ILT

Seven ILT cases in small flocks reported in first quarter of 2021, consistent with recent historical levels.

### Russia

Newcastle Disease diagnosed in 14 bird backyard flock in Chernyshikha, Nizhegorod.

### Avian Influenza Summary May

- Europe is experiencing some seasonal easing in the avian flu situation, nonetheless there were **105 new cases in May**, mostly H5N8 in northern and eastern Europe. A new comprehensive report by the European Food Safety Association (EFSA) summarizes the European HPAI situation from February to May 2021. [Link](#)
- The situation in Asia was quiet. In Africa there were **13 new cases** of H5N1 in May,
- HPAI infections in both wildfowl and poultry have been identified in some **52 countries during this avian flu season, infecting 1797 poultry farms, and 105 captive flocks.**
- These outbreaks have led to the **death or culling of some 75.27 million poultry, and 3913 wild birds worldwide.**
- For country by country, month by month incidence data as collected by FBCC [CLICK HERE](#)

### Austria

At the end of April, the H5N8 HPAI virus was detected in a hobby flock of 48 birds in Upper Austria, the same region as the previous outbreak during March.

### Bulgaria

In May there were two new HPAI H5N8 outbreaks, both in laying flocks in Trilistnik, located in the central province of Plovdiv. This village is now the location of three outbreaks in layers over recent weeks; two farms under same ownership and one in proximity. The three flocks comprised a total of 121,850 poultry. There have been 8 outbreaks since February.

### Czech Republic

5 backyard flocks reported infected this month for a total of 40 outbreaks since January.

## **Denmark**

Two more cases of HPAI H5N8 reported in May, for a total of 154,476 birds in 13 flocks between Jan and end of May.

## **France**

Health security measures, including required housing of all poultry and prohibition of movement of poultry have now been lifted.

## **Germany**

There are indications that the outbreak peak may now have passed. Over the past two weeks, just 3 new H5N8 cases have been confirmed in poultry — 2 turkey flocks in Lower Saxony and a small mixed flock in Bremen. Germany has lost more than 2.4 million birds from 235 flocks and 45 captive flocks during this flu season.

Of note are four outbreaks of high path **H5N1** in poultry flocks that occurred during the period of Feb 23- May 3 for first time. High mortality and culling led to loss of 22,171 turkeys and laying hens. All flocks were in various locations in Lower Saxony in northwest Germany.

## **Lithuania**

Four new cases of H5N8 reported this month for a total of 37 flocks since January. All flocks have been small non-commercial farms across 5 regions except for 2 hobby premises who purchased poultry from a 1238 bird mixed poultry trading market with high mortality/ H5N8 in western county of Taurages, Jurbarko.

## **Netherlands**

A 13,000 bird turkey flock diagnosed with H5N8 in Weerd in the southeastern province of Limburg. All birds were culled along with 66,000 layers at a nearby farm. Last previous case was 3 months ago.

## **Poland**

There have been 76 new outbreaks of H5N8 this month, bringing total to 353 during this flu season. At least 15 provinces involved. Total of 11.2 million birds culled (4 million from infected flocks)

## **Romania**

May 7 179,192 bird flock with H5N8 in Ungheni, Mures district in central Romania, first commercial flock during this flu season. A small flock that received birds from this farm also became infected.

## **Kuwait**

The 7 HPAI outbreaks reported in March have been confirmed as H5N1, involving a total of around 714,500 breeding poultry.

## **India**

HPAI H5 confirmed in a poultry farm at Kila Raipur. prompting the culling of 90,000 birds. To date there have been 42 infected flocks totalling close to 1.4 million birds that have been culled.

## **Nepal**

May 27 H5N8 has been detected at 3 mixed poultry flocks (1400 birds) in Kathmandu again; at Kirtipur, Kathmandu and Chandragiri, Bagmati. All birds have been destroyed. Nine cases in various areas since January.

## **China**

China has reported an outbreak of H5N8 avian influenza in Nagqu City. H5N8 has been detected among 268 wild birds in two areas of Nagqu City in , including a national wetland park in southwest China's Tibet Autonomous Region.

## **S. Korea**

South Korea's agricultural ministry has announced a new culling policy for future HPAI cases. Regional culling of all flocks within 3km of an infected flock, (later modified to 1 km) has resulted in the culling of nearly 30 million birds. during this outbreak Under the new plan, the ministry will spare birds from poultry farms that have strictly followed preventive measures. No additional cases of the H5N8 strain of bird flu have been reported among wild birds or poultry farms since early April.

## **Lesotho**

First case of HPAI H5 detected in multispecies 3000 bird layer farm in Maseru, western part of the country.

## **Nigeria**

A flock of (23,000 birds) have been lost to HPAI H5N1 in the state of Bauchi. An additional 27,000 birds were culled to prevent further spread. , There have been 25 outbreaks of HPAI linked to the H5N1 virus since October of 2020 in eight states.

## **South Africa**

Seven new HPAI H5N1 infected flocks during May for a total of 10 flocks since beginning of March. Affected flocks ranged from around 7,000 to 240,000 birds. So far, direct losses through mortalities and culling amount to more than 476,000 poultry in this South Africa HPAI wave, mostly broiler breeder farms and commercial layer farms.