

August 2021 FBCC Disease Summary

Ontario – Infectious Laryngotracheitis

On Aug. 12 a 26-bird mixed layer flock on Wolfe Island in Frontenac County of eastern Ontario was diagnosed with Infectious Laryngotracheitis (ILT). [A Biosecurity Advisory Area was mapped](#). This flock is approximately 50 km north-east of the case reported last month in Leeds Grenville, whose Biosecurity Advisory remains in place.

Ontario FBCC has just posted [Version 3.0 of its Emergency Management Plan](#). This is available to anyone registered on the [FBCC web site](#)

Ontario's Chief Veterinarian has just released an Avian Influenza Update for Commercial poultry farms entitled [Heightened Biosecurity Awareness for Poultry Industry Participants](#) as well as an [AI update for small flock owners](#) and bird fanciers.

[Canadian Wildlife Health Cooperative's wild bird AI surveillance](#) indicates 538 dead wild birds have been tested to date this year; 69 in Ontario, 2 of which were "matrix positive" but negative for H5 and H7.

Newcastle Disease

Columbia - After more than 20 months with no disease and having met the requirements, Colombia self-declared as free of reportable Newcastle disease, recognized by the OIE. More than 450 technicians [vaccinated](#) a total of 201,000 backyard birds.

Turkey - 7 outbreaks reported July 27

Russia - A 30 bird backyard flock in Khantz-Mansiy. Last case was in May, also in a backyard flock

High Path Avian Influenza (HPAI) global situation:

- In August there were 110 new infected flocks involving an increase of 814,232 more birds on 2038 poultry farms
- HPAI Outbreaks over the past year have led to the **death or culling of close to 80 million poultry, and 4415 wild bird disease incidents worldwide.**
- [Detailed country by country, monthly data for the past year has been collated by the FBCC,](#)

Europe: *The avian flu situation among European poultry flocks generally continues to ease. New cases of H5N8 this month were reported only in **Kosovo, Lithuania, and Poland**. Surprisingly for this time of the year, high path AI continues to be found in wild birds. Several H5N8 and H5N1 viruses were detected in UK (Scotland), Finland, Germany, Norway, Sweden, Netherlands, Czech Republic, Lithuania, and Estonia during August.*

Africa: *The High Path H5N1 virus continues to devastate **Ghana and South Africa** with 34 and 8 new cases respectively. Cases are appearing in **Benin** (3 flocks) and the **Ivory Coast** (39 flocks) for the first time in years.*

Asia: *Cases of HPAI in poultry continue to mount in **Vietnam** with 9 new outbreaks since early July. There have been no reports to OIE since mid August. During the past 12 months, there have been a total of 84 outbreaks mostly in village flocks: 59 of H5N6 mostly in the north and central areas, 10 of H5N8 mostly in*

*north and 15 H5N1 in the south. H5N5 has been detected in broiler breeder flock in **Taiwan**, first in almost 2 months.*

Country level:

Belgium

In July, Belgian authorities registered an outbreak of HPAI linked to an H5 virus in a hobby flock of chickens. Despite this Belgium is seeking official OIE disease free status as a result of no cases in commercial flocks

Kosovo

Fourteen new cases with H5N8 reported this month for a total of 21 infected flocks – 19 of them backyard flocks.

Lithuania

One flock with H5N8 reported in early August.

Poland

The H5N8 virus variant was confirmed in a flock of 112,000 laying hens in the central-eastern province of Mazovia in early August. Bringing the country's total outbreaks for this flu season to 358 these were the first cases of the disease for more than one month.

UK

On July 20, 3 dead sea birds (Great Skua) on Fair Isle, part of the Shetland Islands were diagnosed with H5N1. 62 other dead skua since July 10.

DEFRA has released an epidemiological assessment of the HPAI outbreaks between November 2020 and April 2021 in the UK. There was no apparent spatial nor temporal clustering of infected premises and no evidence of spread between any of the infected holdings; all the infected premises seemingly became infected because of independent, direct or indirect, introductions from wild birds. Common risk factors identified were bedding management, building maintenance (especially roofs), flooding events, staff and visitor biosecurity discipline, and proximity to large water bodies.

Russia

July 28 H5N1 was found in unspecified birds

Iran

H5N8 reported on Aug 9

Benin

In the first outbreak since 2008, HPAI H5N1 was detected in a 6661 bird layer flock in Tohoue village in southeast department of Oueme, 5 km from the Nigerian border. A week later there were 2 more outbreaks of H5N1 in 2 districts near capital of Puerto Novo

Ghana

August has seen 34 new flocks stricken with High Path H5N1 virus for a total of 43 flocks to date. **107,704** birds have been affected to date.

Nigeria

A 11,000-bird layer flock in Delta State has been diagnosed with H5N1. Most of the farms in the state have been affected by the virus in the last three months.

Ivory Coast

Some 39 farms (76613 birds) have been stricken with H5N1 in Comoé, a southeastern district that shares a border with Ghana. This is the country's first detection of the H5N1 HPAI virus since 2016. In addition, more than 243,000 birds have been culled, and 192,000 hatching eggs destroyed to prevent further spread of the infection.

South Africa

Eight new outbreaks of H5N1 have occurred this month bringing the total to 52 flocks since March of 2021, involving some 3.03 million birds. **Government Authorities have confirmed that compensation will only be paid for sick birds that are culled, not the millions of healthy at-risk ones culled on official instruction.** Over the same period, samples of wild bird droppings taken at several locations in Gauteng province have tested positive for the H5N1 HPAI variant.

Taiwan

H5N5 outbreak in a 16,000-bird broiler breeder flock in the Douliu city region of Yunlin county. These were the first Taiwanese cases for almost two months. A new type of H5N2 subtype avian influenza, similar to the H5N8 subtype virus found in Korea in the winter of 2020, has been detected in dead ducks in the area.

Vietnam

In the ongoing wave of outbreaks, 3 new H5N6 outbreaks (6000 birds) were confirmed in early July and early August. H5N8 HPAI virus variant was detected among 6 village poultry flocks (11,000 birds) over the same period.