

November 2022 FBCC HPAI Summary

Ontario

- Wave 2 of the Highly Pathogenic Avian Influenza (H5N1) outbreak appears to be on the wane, with only 3 new cases this month; three commercial poultry flocks in southwestern part of the province
- 40 Ontario flocks involving 692,700 birds have been infected since the outbreak began in late March 2022.
- There are now 6 active Primary Control Zones (PCZs) in the Township of Alfred-Plantagenet (2), City of Ottawa, Municipalities of Adelaide Metcalfe (2) and Municipality of North Middlesex.
- CFIA premises restrictions remain in place at 10 infected premises. [CLICK HERE](#) for details.

Updates on CFIA Primary Control Zones, movement permits etc. can be found on the [CFIA website](#). Inquiries about any reportable disease, including avian influenza, can be made by contacting a CFIA local [CFIA District Office](#) during business hours, or by calling **1-877-814-2342**, after hours.

Canada

- Wave 2 of this HPAI outbreak is on the decline in every province except British Columbia. In BC, a total of 30 commercial flocks have been infected since Nov. 14 all but one in Chilliwack or Abbotsford regions. Fifteen of these cases were confirmed between November 23 and November 27. So far in 2022, British Columbia has had 59 cases of HPAI, 37 of them in commercial poultry.
- Only Alberta has experienced more HPAI cases this year, with 38 commercial flocks.
- During November only 7 other infected commercial flocks in Canada were reported (Ontario 3, Alberta 2, Quebec 1, and Saskatchewan 1)
- Canada has lost a total of 241 flocks, 152 that were categorized as commercial, since the outset of the outbreak in December 2021. This has resulted in the loss of more than 4.2 million birds. [CLICK HERE](#) for more national details.

United States of America

Since February 2022, 46 states have reported HPAI in poultry resulting on the loss of 52.48 million birds in 648 flocks. Of these flocks, 276 were commercial. [CLICK for details](#). Only Alabama, Hawaii, Louisiana, and West Virginia have not been impacted by the virus. During the last HPAI outbreak in 2014/2015, 50.5 million birds in 21 states were lost due to HPAI. About 2 million commercial turkeys and laying hens were lost to HPAI over US Thanksgiving weekend in 4 midwestern states (South Dakota, Minnesota, Nebraska, and Missouri).

Central and South America

This global HPAI H5N1 outbreak has now extended into Mexico and South America, with cases in Mexico, Columbia, Ecuador, and Peru. Again, this H5 strain is demonstrating its unique properties and spread.

Mexico

Senasica has reported 3 infected commercial flocks in Sonora and border state of Nuevo León, in addition to 3 backyard flocks in other states, for a total loss of 492 thousand birds.

Columbia

WOAH reports 4000 birds lost in 11 infected small flocks in 3 states in northern part of the country near Panama.

Ecuador

A 180,100-bird layer flock in central Ecuador has become the first HPAI infected commercial flock on the continent. Full identification of the H5 strain has not been reported.

Peru

Wildlife authorities report 13,869 wild seabirds (mostly pelicans) killed by H5N1 avian influenza, along most of the coastline. In addition, an infected backyard flock was reported.

Europe

Similar to North America, several European countries are experiencing a wave of new H5N1 cases as fall migration continues. Total bird losses in Europe in the last year exceed 50 million birds. In November, the outbreaks of most concern are in the UK, France, Hungary, and Italy. Cases reported in the month of November are reported below.

Austria

291 bird domestic flock in Steiermark region

Belgium

6 bird small flock in central Belgium

Denmark

33,600-bird turkey flock in Slagelse in eastern Denmark on the island of Zealand

France

As of November 29, 82 outbreaks on commercial farms and 55 backyard flocks have been confirmed since August 1 in 29 different departments in the country. Twenty-seven more farms were hit in November.

Mandatory housing order, prohibition of poultry gatherings, covered waterfowl transport, gamebird hunting controls, and ban on pigeon racing put in place November 11. Total of 16.8 million birds in past 12 months.

Germany

Five commercial flocks reported positive for H5N1 in November for a loss of 168,161 birds.

Hungary

EURL reports 42 new cases in November in Bacs Kiskun, in south central part of Hungary, resulting in loss of 275,078 birds. These are the first cases since June.

Ireland

Two commercial turkey flocks in County Monaghan were preceded by confirmation in 2 captive bird flocks in coastal areas of counties Dublin and Wicklow. These are first cases since last December.

Italy

Nineteen new cases this month, for a total of 25 this fall. Last winter, Italy lost over 14 million birds in over 300 flocks.

Netherlands

Six new cases were reported this month. Some 6 million birds have already died or been culled in the past year.

Moldova

48 bird small flock

Norway

7500-bird layers in Rogaland on the southwest coast.

UK

Cases were reported almost daily for a tally of 48 new cases this month, similar to October. Media reports of more than 5.5 million birds lost in the past year from 278 flocks across the UK.

Other countries

After several months of relative quiet, Russia and Japan are again experiencing HPAI H5N1 outbreaks in large commercial flocks.

Russia

Two large commercial flocks on eastern coast of Russia (750,729 birds) were confirmed with H5N1.

Serbia

110 birds in northern Serbia

Israel

Two commercial turkey flocks (18,000 birds) diagnosed with H5N1. These are first cases since January.

South Africa

In late October H5N2 was confirmed in a 200-bird flock northwest of Durban in east part of country.

India

In the past month, H5N1 has been confirmed at 5 duck flock locations in Kerala's Alappuzha district. At least 28,000 birds have been culled. This is the most significant outbreak this year.

Japan

Since the onset of this fall's H5N1 outbreak on Oct 26, more than 2.5 million birds have been culled in 12 flocks. This matches the losses in last winter's outbreak.

South Korea

According to media, H5N1 was confirmed in 2 commercial poultry farms south of Seoul. The article claimed this was the 16th case this season. Only 3 have been reported to WOAHA.

Taiwan

A 60-bird. duck flock with H5N1 in northern Taiwan