

August FBCC Reportable Disease summary

Ontario has not confirmed any highly pathogenic avian influenza (HPAI) outbreaks since May 18.

- All 26 infected premises have achieved the primary decontamination stage.
- All but 6 Primary Control Zones have been revoked.
- All but 8 infected premises have completed recovery and had restrictions removed

Updates on HPAI zones, CFIA 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.

IP #	Infected Premises Location	Removal Restriction (IP)	Infected Zone Status	PCZ #	PCZ Status
IP-01	Guelph/Eramosa	Complete	Released	PCZ-01	Revoked
IP-02	Zorra	Complete	Released	PCZ-02	Revoked
IP-03	Woolwich	Complete	Released	PCZ-01	Revoked
IP-04	Chippewas of Nawash Unceded First Nation	Complete	Released	PCZ-03	Revoked
IP-05	Selwyn	Complete	Released	PCZ-04	Revoked
IP-06	Centre Wellington	Complete	Released	PCZ-05	Revoked
IP-07	South Glengarry	Complete	Released	PCZ-10	Revoked
IP-08	Markham	Not Complete	Released	PCZ-06	Active
IP-09	Prince Edward	Not Complete	Released	PCZ-07	Revoked
IP-10	Chatham-Kent	Complete	Released	PCZ-08	Revoked
IP-11	Markham-2	Complete	Released	PCZ-09	Active
IP-12	South Glengary-2	Complete	Released	PCZ-10	Revoked
IP-13	West Grey	Complete	Released	PCZ-12	Revoked
IP-14	Markham -3	Not Complete	Released	PCZ-06	Active
IP-15	Markham-4	Complete	Released	PCZ-06	Active
IP-16	South Glengary-3	Complete	Released	PCZ-22	Revoked
IP-17	York	Not Complete	Released	PCZ-33	Active
IP-18	Peterborough	Complete	Released	PCZ-38	Revoked
IP-19	Huron	Complete	Released	PCZ-41	Revoked
IP-20	York	Not Complete	Released	PCZ-45	Active
IP-21	Wellington	Not Complete	Released	PCZ-51	Revoked
IP-22	Halton	Complete	Released	PCZ-52	Revoked
IP-23	York	Complete	Released	PCZ-55	Active
IP-24	York	Complete	Released	PCZ-58	Active
IP-25	York	Not Complete	Released	PCZ-45	Active
IP-26	York	Not Complete	Released	PCZ-65	Active

Canadian HPAI Situation:

During the past month, there have been two more HPAI infected flocks: both in central **Alberta**. Canada has lost 113 flocks since the outset of the outbreak in December 2021. Some 56% of these have been in commercial poultry flocks, resulting in the loss of some 2.1 million birds.

On Sept 2, **Quebec**'s EQCMA reported that the Infected Zones associated with Primary Control Zones 73,74 and 76 north west of Quebec City have been released.

Some 1178 cases of HPAI have been suspected or confirmed in wild birds across all provinces as of August 31, according to current [CFIA/NEOC GIS dashboard data](#). The deadly avian flu that has been blamed for hundreds of dead seabirds along Newfoundland's coasts is spreading farther across the island. Quebec has confirmed 232 incidents and Ontario 110 to date.

The first case of this HPAI virus has been detected in an American black bear in the Gaspé region of Quebec. Sporadic cases in red foxes, striped skunks and harbor seals from Quebec, Ontario, Quebec, Alberta and Nova Scotia continue.

Canadian Provinces (CFIA –Sept. 1)							
Province	First case	Most Recent Occurrence	# Commercial Flocks	# Small Flocks	WOAH “non poultry”	Total Flocks	Number of birds impacted
NFLD	09-Dec	31-Dec	-	-	2	2	400
NS	23-Jan	09-Mar	2	-	2	4	12,000
NB	26-Apr	26-Apr	-	1	-	1	<100
Quebec	12-Apr	1-Aug	9	2	1	12	301,000
Ontario	25-Mar	18-May	20	5	1	26	561,000
Manitoba	23-Apr	16-June	1	-	2	3	16,000
Alberta	06-Apr	31-Aug	22	2	10	34	968,000
Saskatchewan	14-Apr	25-May	5	5	3	13	78,000
BC	13-Apr	18-June	4	9	5	18	160,000
TOTAL			63	24	26	113	2,096,500

Production Type	% of Total Flocks	% of Total Birds
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Backyard	42%	0.2%
Mixed Commercial	9%	9%
Broiler Turkey	12%	11%
Breeder Turkey	3%	1%
Duck	13%	22%
Table-Egg Parent Stock	2%	4%
Layers	2%	2%
Broiler Breeder	6%	16%
Broiler Chicken	8%	34%
Other (Exhibition, Game, etc.)	4%	0.1%

USA

In mid August, California experienced its first HPAI infected flock. Since Aug 22, the [USDA reports](#) 8 infected commercial flocks in California. 5 turkey and 3 broiler breeder; total of 479,000 birds in 3 counties (Sacramento, Fresno and Toulumne). At the end of August, the virus also returned to Minnesota resulting in the loss of 2 more commercial turkey flocks. Sporadic outbreaks in backyard flocks have continued in several states.

Some 40.8 million birds in 424 flocks across 39 US states have died or been culled due to this virus strain since the outbreak began in February.

In related developments, APHIS recently reported 60 more H5N1 detections in wild birds, raising the total to 2,104. Many of the new outbreaks involved black vultures found dead in Florida. HPAI was also confirmed in 700 dead wild black vultures at a wild bird sanctuary in Georgia.

The USA Poultry and Egg Export Council calculates that the total loss due to trade embargos through June 2022 amounted to \$1.16 Billion. This is lower than the \$4.2 Billion accruing in 2015. The difference is attributed to agreements limiting bans to counties or states and the lifting of restrictions 28 days after completion of decontamination.

European HPAI Situation

The 2021-2022 epornitic now includes a total of 2623 infected flocks, 2,398 of which are commercial poultry resulting in the depopulation of 47.14 million birds. Diagnostic laboratories have also confirmed H5N1 in 2,733 cases involving wild birds in 36 European nations. Outbreaks among non confined backyard flocks are likely under-reported.

France

Five commercial outbreaks have been confirmed since the end of July. These bring to 1418 the total number of French poultry outbreaks since the start of the 2021-2022 winter. Directly impacted have been close to 16 million commercial birds. French Ministry of Agriculture reports that since mid-May, a sharp increase in cases has been observed in non migratory wildlife on the Channel coast, on the Normandy coasts and most recently un the Brittany coasts with some spread inland.

Germany

Over the past four weeks, the northwest state of Lower Saxony has experienced six commercial flock

outbreaks involving more than 291,000 birds. One of the chicken flocks involved the H5N8 strain. This is an area of extremely high poultry farm density.

UK

The largest ever outbreak of bird flu in the UK continues with over 130 infected poultry flocks since late October. There have been 9 infected premises across the south-west region since July. Despite these new cases, a GB-wide Avian Influenza Prevention Zone was lifted Tuesday 16 August. A large Regional AI Prevention Zone in the southwest includes several control zones. Poultry shows and gatherings remain banned.

During the current UK outbreak, over 1,500 wild seabirds have returned positive results from over 360 locations and 61 different species. On Aug 31 UK government authorities released a [Mitigation Strategy for Avian Influenza in Wild Birds in England and Wales](#) to control the impact of avian influenza on wild bird populations whilst protecting public health, the wider environment and the rural economy.

Netherlands

Nine new infected flocks were reported this month in various provinces. Five of these were commercial flocks. So far close to 3.5 million birds have died or been culled since the outbreak began last October.

Poland

During July and August there were losses of 116,053 poultry, including two flocks of breeding hens, and one each of laying hens and meat geese.

Portugal

Two more cases of H5N1 this month; a mixed small flock in Beja in the south and a 47868 bird duck east of Lisbon.

Spain

After 3 months of disease-free status, HPAI has been confirmed in 3 commercial flocks totalling 56,365 birds.

Russia

Five more H5N1 infected flocks confirmed during August: a 7775 bird chicken flock on Northeastern coast near Magadan (close to Arctic), 3 small infected flocks in Samara region in the Volga federal district and in Rostov oblast in the Southern federal district near the Ukraine border and a 2023 bird mixed flock in Chelyabinsk north of Kazakhstan border was also confirmed with H5N1 in August.

Philippines

According to government authorities, 198 HPAI outbreaks have occurred in the Philippines since January this year. These have directly involved more than 1.45 million poultry in 17 different provinces. While one of the outbreaks involved the H5N8 virus serotype, the H5N1 variant was detected at all the other infected premises. Since the end of July, there have been a total of 66 new HPAI outbreaks, mostly north of Manila

Taiwan

Since November of 2021, the number of locations where H5N2 HPAI has been detected has reached 37. Taiwan's total birds affected by HPAI since the start of last winter is more than 496,000.

For FBCC's global report of HPAI by country and by month over the past 12 months, please [CLICK HERE](#)