

FBCC September 2022 Reportable Disease Summary

October 5, 2022

Ontario

- After a 4-month hiatus since May 18, High Path Avian Influenza has been confirmed in 5 new Ontario flocks in the past two weeks. Two of these flocks were classified as commercial poultry.
- Thirty- one flocks involving some more than 600,000 birds have been infected since the outbreak began in late March. Twenty-two of these flocks have been classified as commercial poultry.
- There are now only 2 active Primary Control Zones (PCZs); in Zorra Township and City of Clarence-Rockland
- CFIA restrictions remain in place at 10 infected premises.

On September 23rd, the Office of the Chief Veterinarian for Ontario (OCVO) issued a Minister’s Order under the Animal Health Act, 2009, for the purpose of limiting poultry commingling events such as fairs, shows and other gatherings of birds that can have a severe impact on the risk of disease spread.

<http://omafra.gov.on.ca/english/food/inspection/ahw/ai-update-sept22.htm>

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.

Industry updates and resources for preventing and managing HPAI outbreaks are available by [subscribing to the FBCC website](#).

ON-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	Revoked
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	Revoked

IP-12	South Glengary-2	Complete	Released	PCZ-10	Revoked
IP-13	West Grey	Complete	Released	PCZ-12	Revoked
IP-14	Markham -3	Complete	Released	PCZ-06	Revoked
IP-15	Markham-4	Complete	Released	PCZ-06	Revoked
IP-16	South Glengary-3	Complete	Released	PCZ-22	Revoked
IP-17	York	Complete	Released	PCZ-33	Revoked
IP-18	Peterborough	Complete	Released	PCZ-38	Revoked
IP-19	Huron	Complete	Released	PCZ-41	Revoked
IP-20	York	Complete	Released	PCZ-45	Revoked
IP-21	Wellington	Not Complete	Released	PCZ-51	Revoked
IP-22	Halton	Complete	Released	PCZ-52	Revoked
IP-23	York	Complete	Released	PCZ-55	Revoked
IP-24	York	Complete	Released	PCZ-58	Revoked
IP-25	York	Not Complete	Released	PCZ-45	Revoked
IP-26	York	Not Complete	Released	PCZ-65	Revoked
IP-27	Township of Zorra	Not Complete		PCZ-91	Active
IP-28	City of Owen Sound	Not Complete		N/A	N/A
IP-29	Brant County	Not Complete		N/A	N/A
IP-30	Township of Grimsby	Not Complete		N/A	N/A
IP31	City of Clarence-Rockland	Not Complete		PCZ-109	Active

Canadian HPAI Situation

During September there have been 43 new HPAI cases across Canada, 38 in the 4 western provinces. Canada has lost 156 flocks since the outset of the outbreak in December 2021 resulting in the loss of at approximately 2.8 million birds. Ninety-four of these flocks were classified as commercial. The summer lull that had been anticipated never fully materialized; indeed we are in Wave 2 of an ongoing outbreak.

Some 1745 cases of HPAI have been suspected or confirmed in wild birds across all provinces as of Sept 30, according to current [CFIA/NEOC GIS data](#).

Canadian Provinces (CFIA –Oct. 1)							
Province	First case	Most Recent Occurrence	# Commercial Flocks	# Small Flocks	OIE “non poultry”	Total Flocks	# of birds
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	30-Sept	22	5	4	31	623,000
Manitoba	23-Apr	1-Oct	10		3	13	146,000
Alberta	06-Apr	28-Sept	35	4	10	49	1,300,000
Saskatchewan	14-Apr	30-Sept	11	6	5	22	237,000
BC	13-Apr	27-Sept	5	10	7	22	230,000
TOTAL			94	28	34	156	2,849,000

USA

September saw a significant upsurge in HPAI cases with 31 new infected commercial flocks and 33 backyard flocks. Some 46.75 million birds in 484 flocks across 40 US states have died or been culled due to this virus strain since the outbreak began in February. [For more details see USDA/APHIS website](#).

The USDA has reported 2650 HPAI H5 infections in wild birds during this outbreak. [USDA APHIS | 2022 Detections of Highly Pathogenic Avian Influenza in Wild Birds](#).

[The U,S National Wildlife Centre maintains a North American map](#) of all sites where HPAI has been confirmed in commercial and backyard poultry, wild bird and mammals.

According to an item in Egg News (Sept 16), commercial flocks with confirmed HPAI include: 2,400,000 broilers on 12 farms, 190,000 broiler breeders on 6 farms, 5,900,000 turkeys on 140 farms and 34,100,000 egg-production hens and 850,000 pullets on 25 locations in 10 states.

Belize

Sept 13 the Central American country of Belize announced the detection of avian H5 in a commercial poultry farm. Although connected to the Northern Hemisphere by migratory flyways, we have seen very few cases in central and south America over the years.

European HPAI Situation

Outbreaks of HPAI across Europe continue at a low level of 1-10 infected flocks per week. Domestic chicken, turkey and duck flocks with access to pasture are particularly vulnerable. There have been greatly increased numbers of cases of HPAI in wildlife across the EU, mainly in coastal areas.

Belgium

Four new cases in commercial chicken flocks involving 213,092 birds all in Vlaanderen region.

Bulgaria

On Sept 13, a 26,000 bird H5 infected chicken flock in eastern Bulgaria.

France

As of September 12, there were 9 outbreaks in breeding and 4 in backyards.

1393 outbreaks as of Sept 23 plus small flocks for total of 1450. Over 16 million birds lost in past year.

Germany

Seven new H5N1 infected commercial flocks in September involving a total of 272, 573 birds in Niedersachsen NW; 506,050 birds since first case in early August. Including small non poultry flocks, there have been 109 cases in the last 12 months.

Italy

First case since April, a multispecies small flock in Vento region. This is the 319th infected flock. Close to 15 million birds have died or been euthanized.

Netherlands

Eight new infected commercial flocks this month of 623,600 birds plus 2200 birds in 8 small flocks.

Poland

On Sept 19 HPAI was confirmed in a 1677-bird flock. 101 flocks have been culled during last year.

Portugal

A 195077 bird duck flock in Santarém east of Lisbon, identified through active surveillance.

UK

Nineteen new HPAI cases were confirmed in the UK during September. Two of these were in Wales where no cases have occurred in the last 6 months. The UK has lost a total of 149 flocks to HPAI H5N1 since the outbreak began a year ago. In early August H5N1 was confirmed in a large die off of northern gannets on nearby Grassholm Island, the third most popular site worldwide for the species.

At the end of August, DEFRA declared a new Avian Influenza Prevention Zone (AIPZ) counties of Cornwall, Devon, and parts of Somerset, as well as the Isles of Scilly in southwest England.

Russia

A 8000 bird flock with H5N1 reported in Saratov, near Kazakhstan border as well as a small flock.

Spain

In mid September, H5N1 was confirmed in a 601,690-bird layer flock in Guadalajara in central Spain.

South Africa

In addition to an outbreak at Cape Town's penguin colony, two commercial flocks totalling 33,789 birds were culled due to H5N1.

Philippines

A flock of 176,886 domestic birds and a small flock were confirmed with H5N1.

Taiwan

Two H5N2 infected flocks resulted in culling of 15487 birds.

Global Summary

Since Sept 2021, this worldwide HPAI H5N1 outbreak has resulted in the loss of 125.75 million birds in 4346 flocks in 57 countries. For FBCC's global report of HPAI by country and by month over the past 12 months, please [CLICK HERE](#).