

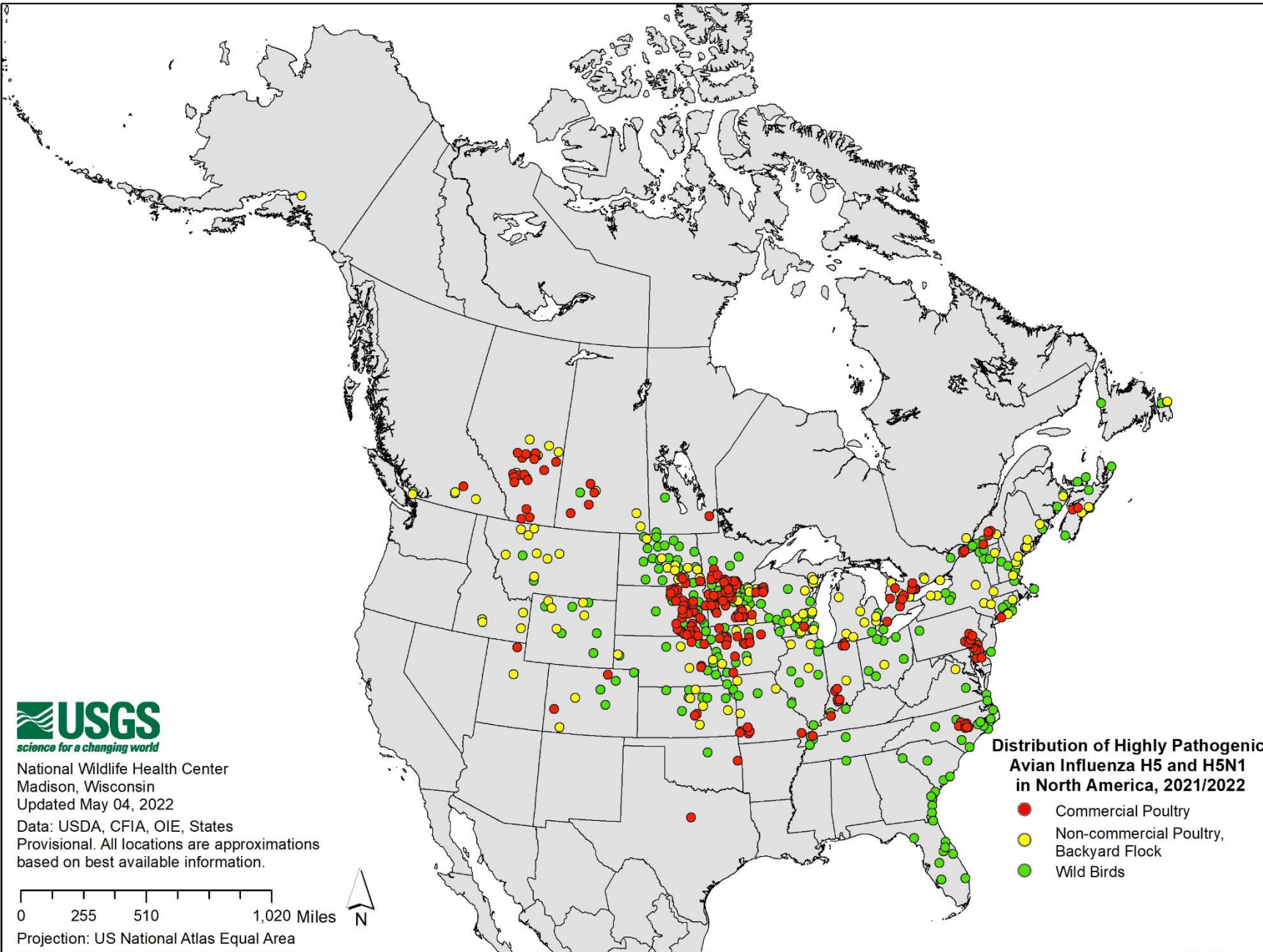


**Community for Emerging and Zoonotic Diseases**  
*Identifying emerging risks through collective intelligence*

**CFIA One Health HPAI Meeting**  
**5 May 2022**

[www.cezd.ca](http://www.cezd.ca)

# USGS Map





# HPAI 2022 Confirmed Detections

as of May 4, 2022

Last reported detection Tuesday, May 3, 2022

Data updated weekdays by 12pm Eastern

[Download Data](#)

## 279 Confirmed Flocks

Birds tested and confirmed having HPAI

## 32 Affected States

States with at least one confirmed infected flock

### Commercial Flocks

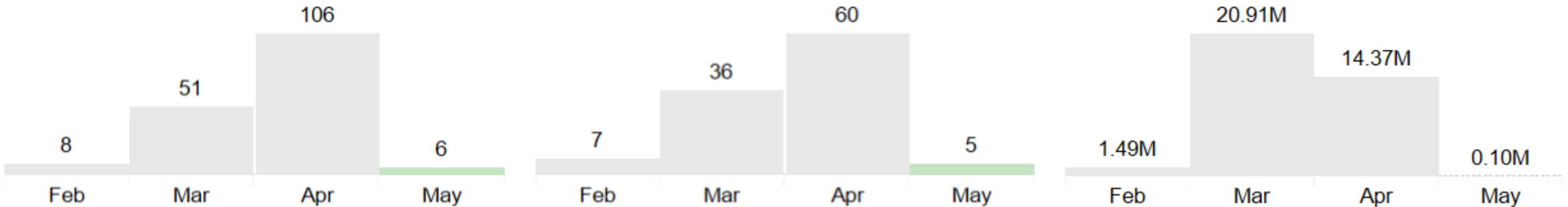
# 171

### Backyard Flocks

# 108

### Birds Affected\*

# 36.87M



\*Number of birds on confirmed infected premises.  
Bars reflect most recent 4 months (numbers may not add up to total).

# USDA list outbreaks reported in

## domestic birds

<b>Oklahoma</b>	<b>1 new case</b> <b>1 commercial</b>	<b>1 total flock</b> <b>1 commercial flock</b> <b>13,800 birds</b>
<b>Alaska</b>	<b>1 new case</b> <b>1 backyard</b>	<b>1 total flock</b> <b>1 backyard flock</b> <b>30 birds</b>
<b>Vermont</b>	<b>1 new cases</b> <b>1 backyard</b>	<b>1 total flocks</b> <b>1 backyard</b> <b>30 birds</b>
<b>Minnesota</b>	<b>8 new cases</b> <b>2 Commercial</b> <b>6 backyard</b>	68 total flocks 57 commercial, 11 backyard >2.7 million birds
<b>Michigan</b>	<b>3 new cases</b> <b>3 backyard</b>	11 total flocks All backyard birds 820 birds
<b>Wisconsin</b>	<b>8 new cases</b> <b>3 commercial</b> <b>5 backyard</b>	16 total flocks 6 commercial, 10 backyard > 2,8 million birds



Border State

<b>Pennsylvania</b>	<b>4 new cases</b> <b>4 Commercial</b>	9 total flock 9 commercial flock >3.8 million birds
<b>Montana</b>	<b>3 new cases</b> <b>3 backyard</b>	8 total flocks All backyard >76,000 birds
<b>Indiana</b>	<b>1 new case</b> <b>1 backyard</b>	10 total flocks 9 commercial 1 backyard
<b>Colorado</b>	<b>1 new case</b> <b>1 commercial</b>	4 affected flocks 2 Commercial, 2 Backyard > 1.1 million birds
<b>South Dakota</b>	<b>1 new cases</b> <b>1 commercial</b>	37 total flocks 36 commercial, 1 backyard >1.6 million birds
<b>Nebraska</b>	<b>2 new cases</b> <b>1 commercial</b> <b>1 backyard</b>	8 total flocks 4 commercial 4 backyard >4.8 million birds
<b>Illinois</b>	<b>1 new case</b> <b>1 Backyard flock</b>	3 total flocks 3 backyard flocks 80 birds

# US Domestic Detections

## USDA list of Affected Commercial and Backyard Flocks – states with no new detections

Maine	No new cases	12 flocks total 12 backyard 893 birds
New Hampshire	No new cases	1 total flock 1 backyard 150 birds
New York	No new cases	8 total flocks 1 commercial 7 backyard 7128 birds affected
Idaho	No new cases	4 total flocks 4 backyard 287 birds
Ohio	No new cases	1 total flock 1 backyard flock 20 birds

Missouri	No new cases	9 total flocks 6 commercial 3 backyard >430,000 birds
North Carolina	No new cases	9 total flocks All commercial >480,000 birds
Wyoming	No new cases	5 total flocks All backyard birds 280 birds
Virginia	No new cases	1 total flock 1 backyard flock 90 birds
Maryland	No new cases	4 total flocks 4 commercial >1.6 million birds
Texas	No new cases	1 total flock 1 commercial flock 1,600 birds

 Border State

# US Domestic Detections

## [USDA list](#) of Affected Commercial and Backyard Flocks new states with no new outbreaks reported

Delaware	No new cases	3 total flocks 3 commercial >1.4 million birds
Massachusetts	No new cases	1 total flock 1 backyard flock 240 birds
Kansas	No new cases	5 total flocks 1 commercial, 4 backyard 7,436 birds
Connecticut	No new cases	1 total flock 1 backyard 160 birds
Kentucky	No new cases	2 total flocks 2 commercial >284,000 birds

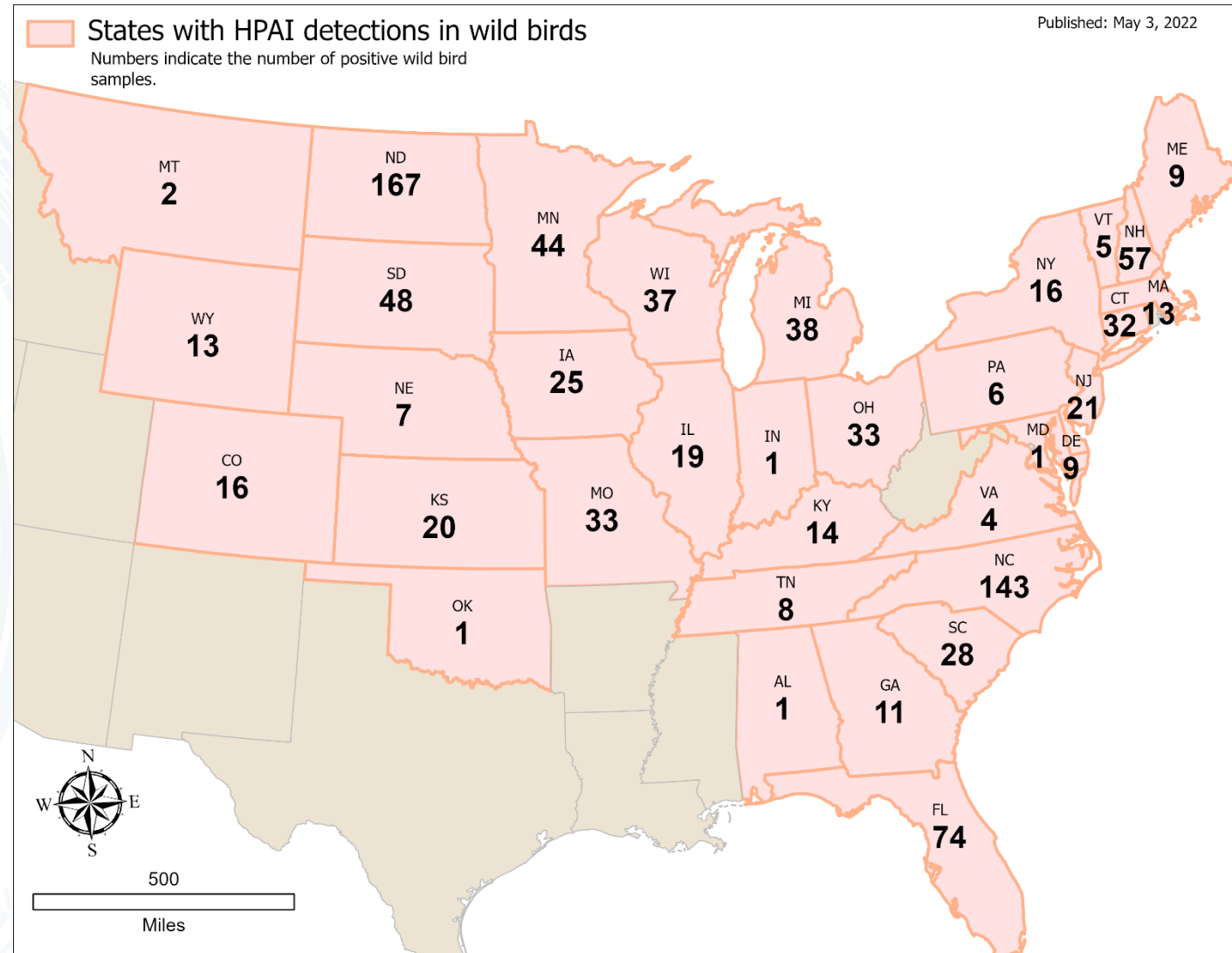
North Dakota	3 new cases 1 commercial 2 backyard	14 total flocks 4 Commercial 10 Backyard >139,000 birds
Iowa	2 new cases 1 commercial 1 backyard	18 total flocks 15 commercial 3 backyard >13.3 million birds
Utah	1 new case Commercial	2 total flocks 1 commercial, 1 backyard >1.4 million birds

# US Wild Bird H5N1 Avian Influenza

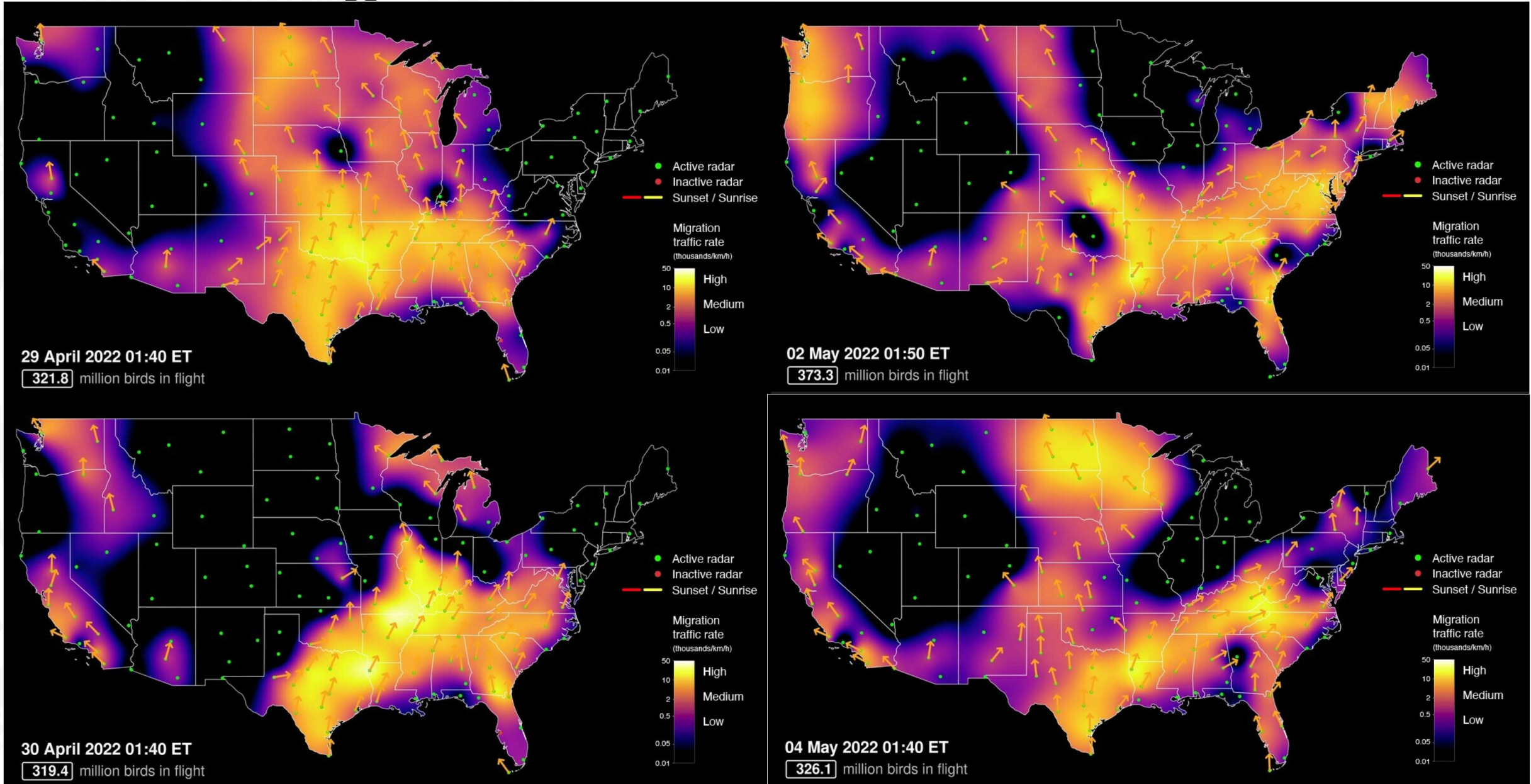
- [US Wild Bird Information](#)
- No new states reporting cases
- Biggest increases in Minnesota Wisconsin and Michigan with many wild bird mortalities

[Live bird migration map](#)

Ongoing high numbers April 28-May 4  
All flyways moving



# Wild Bird Migration



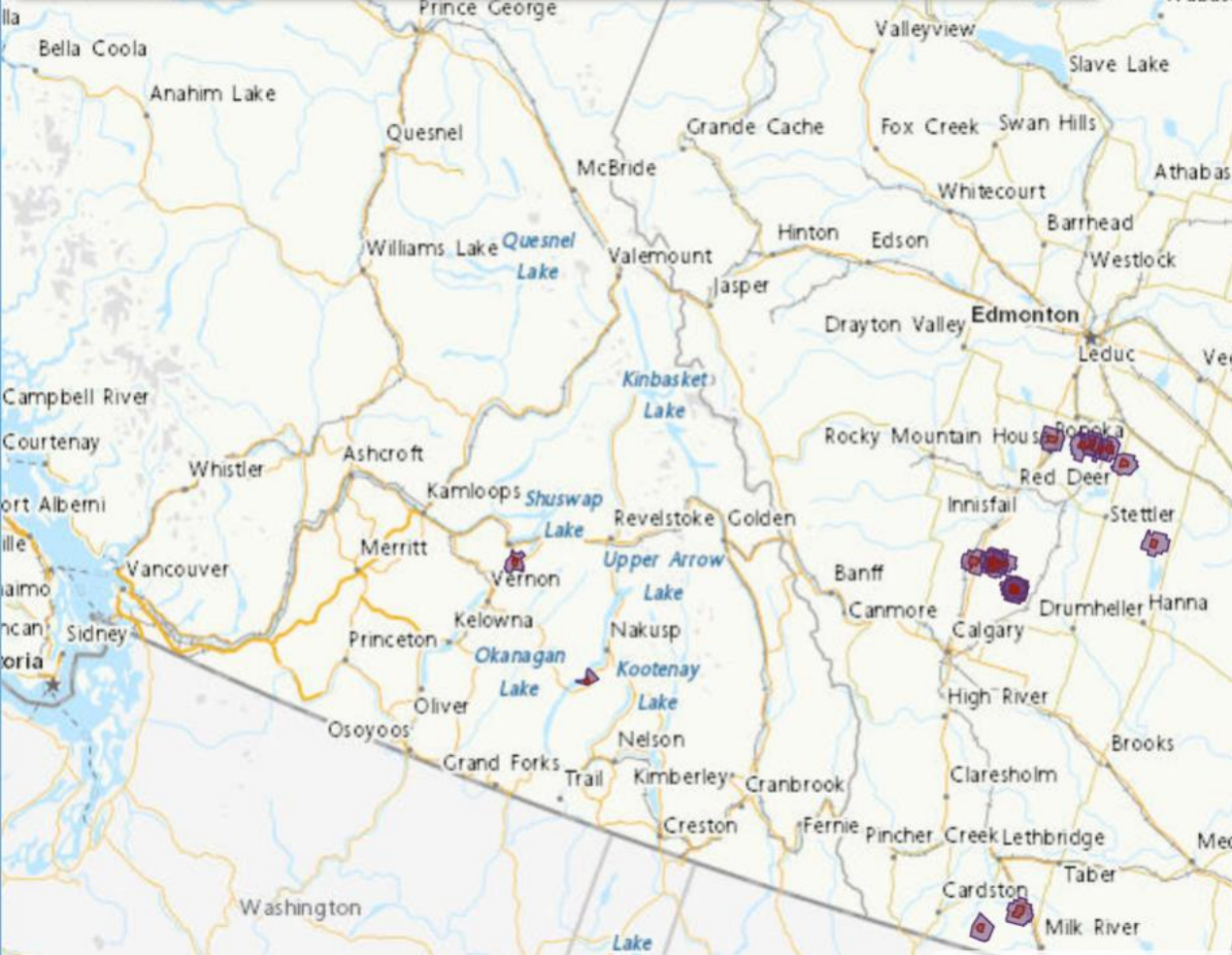


# Canadian Domestic Detections

## Canadian Detections in Domestic Birds [CFIA Website](#)

<b>Alberta</b>	<b>05/01/2022</b>	<b>Poultry flock</b>
	<b>05/01/2022</b>	<b>Poultry flock</b>
	<b>05/01/2022</b>	<b>Small flock</b>
	<b>04/29/2022</b>	<b>Small Flock</b>
	<b>04/27/2022</b>	<b>Small Flock</b>
	04/25/2022	Poultry flock
	04/24/2022	Poultry flock
	04/23/2022	Small flock
	04/21/2022	Small flock
	04/21/2022	Poultry flock
	04/20/2022	Poultry flock
	04/15/2022	Poultry Flock
	04/14/2022	Small Flock
	04/14/2022	Poultry Flock
	04/14/2022	Poultry Flock
	04/12/2022	Poultry flock
	04/11/2022	Poultry Flock
	04/10/2022	Poultry Flock
	04/09/2022	Poultry Flock
	04/08/2022	Poultry Flock
04/06/2022	Poultry Flock	
04/06/2022	Poultry Flock	
04/06/2022	Poultry Flock	

<b>Saskatchewan</b>	<b>04/27/2022</b>	<b>Small Flock</b>
	04/26/2022	Poultry Flock
	04/24/2022	Poultry Flock
	04/22/2022	Small Flock
	04/22/2022	Poultry Flock
	04/16/2022	Poultry Flock
	04/14/2022	Small Flock
<b>Manitoba</b>	4/23/2022	Poultry Flock
<b>British Columbia</b>	<b>05/03/2022</b>	<b>Small Flock (non-poultry)</b>
	<b>05/03/2022</b>	<b>Small Flock (poultry)</b>
	<b>04/27/2022</b>	<b>Poultry Flock</b>
	04/25/2022	Small Flock (non-poultry)
	04/13/2022	Commercial Poultry Flock

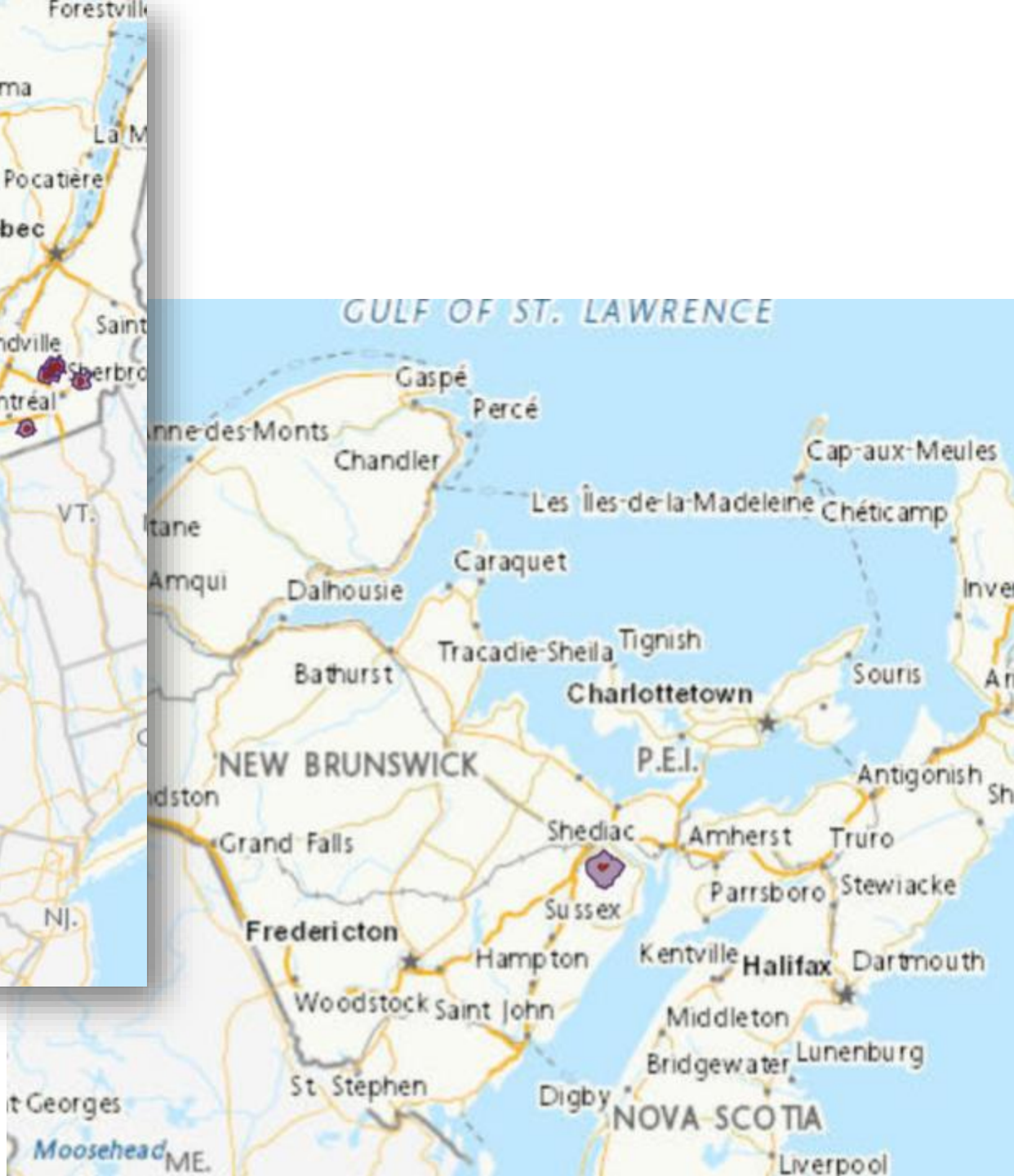
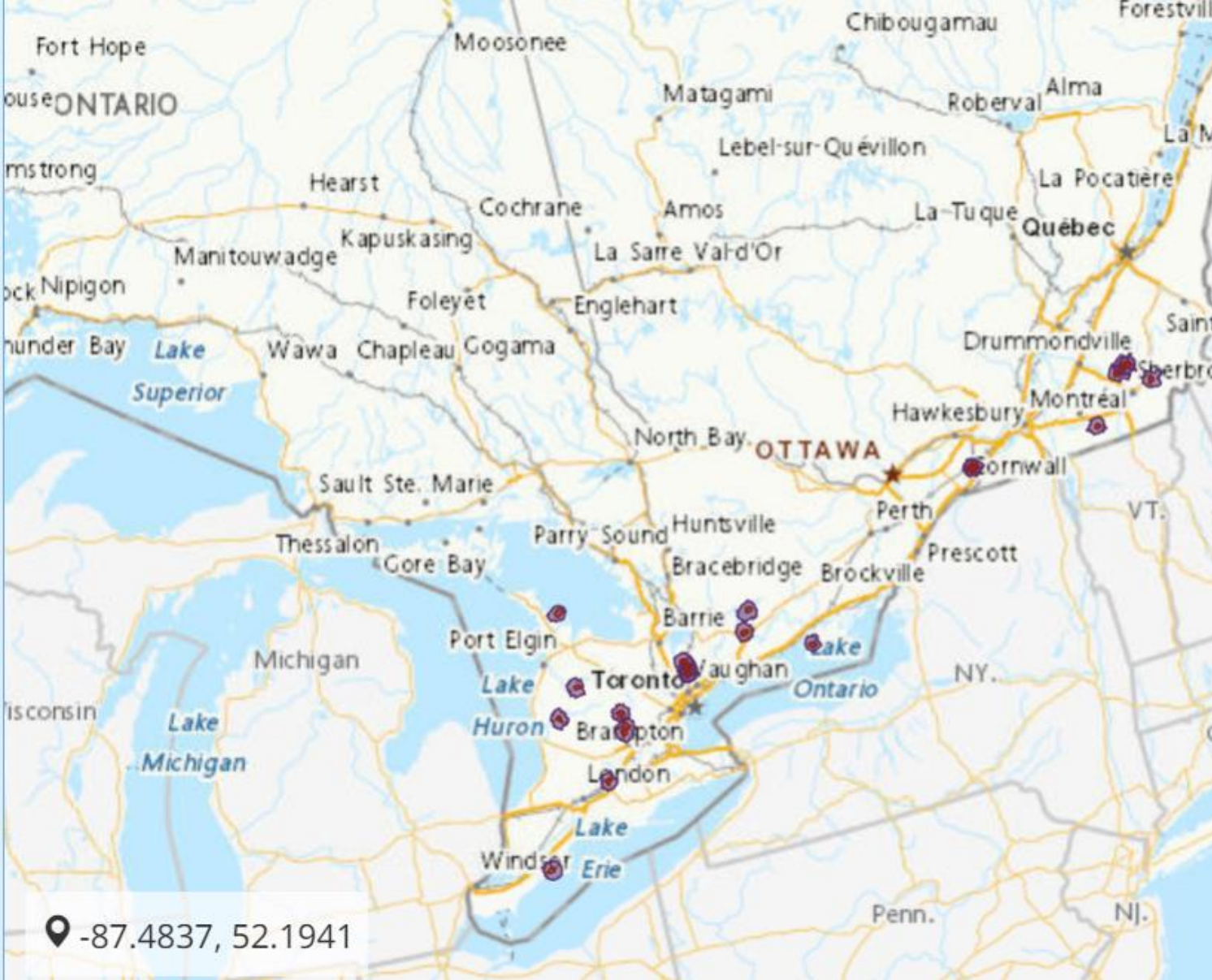


## Zone Maps - West

# Canadian Domestic Detections

## Canadian Detections in Domestic Birds [CFIA Website](#)

Ontario	05/04/2022	Poultry Flock (commercial)	Quebec	05/04/2022	Small Flock (non-poultry)	
	05/04/2022	Small Flock (poultry)		05/03/2022	Small Flock (poultry)	
	05/04/2022	Small Flock (poultry)		04/21/2022	Poultry Flock	
	04/29/2022	Poultry Flock (commercial)		04/17/2022	Poultry Flock	
	04/26/2022	Poultry Flock		04/14/2022	Poultry Flock	
	04/23/2022	Small Flock		04/13/2022	Small Flock	
	04/21/2022	Poultry Flock		04/12/2022	Poultry flock	
	04/14/2022	Poultry Flock		Nova Scotia	03/15/2022	Backyard Flock
	04/14/2022	Poultry Flock			02/11/2022	Backyard Flock
	04/12/2022	Poultry Flock			02/03/2022	Commercial Flock
	04/12/2022	Poultry Flock			02/01/2022	Backyard Flock
	04/10/2022	Poultry Flock		Newfoundland and Labrador	01/09/2022	Backyard Flock
	04/06/2022	Poultry Flock			12/20/2022	Mixed exhibition flock
	04/06/2022	Poultry Flock		New Brunswick	4/25/2022	Small Flock
	04/05/2022	Backyard Flock				
	04/05/2022	Poultry Flock				
	04/04/2022	Poultry Flock				
	04/02/2022	Backyard Flock				
	03/31/2022	Backyard Flock				
03/30/2022	Turkeys					
03/28/2022	Commercial Turkeys					
03/27/2022	Breeder Turkeys					



[Zone Maps](#) – East

# Wildlife Detections H5N1

[CWHC Healthy Wildlife Blog](#)

- 2 red fox kits with H5N1 HPAI



# Wild Bird H5N1 Avian Influenza

- [Canadian Wild Bird Information](#)

No new Provinces reporting detections

- Manitoba
- Saskatchewan
- Quebec
- Ontario
- British Columbia
- PEI
- Nova Scotia
- Newfoundland and Labrador
- New Brunswick

[Wild Bird Dashboard](#) now live!

