



# Community for Emerging and Zoonotic Diseases

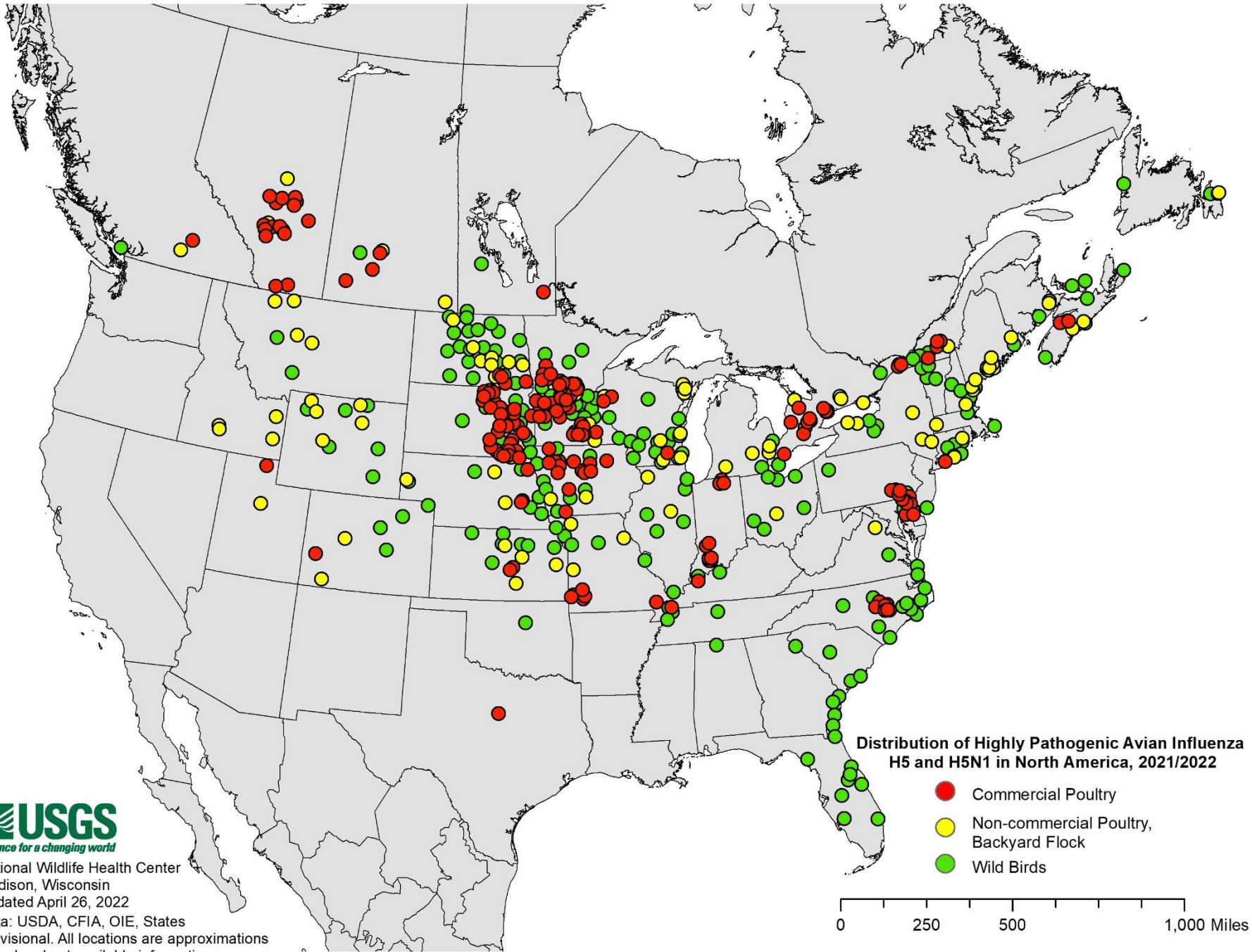
*Identifying emerging risks through collective intelligence*

CFIA One Health HPAI Meeting

28 April 2022

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

# USGS Map



National Wildlife Health Center  
Madison, Wisconsin  
Updated April 26, 2022  
Data: USDA, CFIA, OIE, States  
Provisional. All locations are approximations  
based on best available information.



# HPAI 2022 Confirmed Detections

as of April 27, 2022

Last reported detection Tuesday, April 26, 2022

Data updated weekdays by 12pm Eastern

[Download Data](#)

## 243 Confirmed Flocks

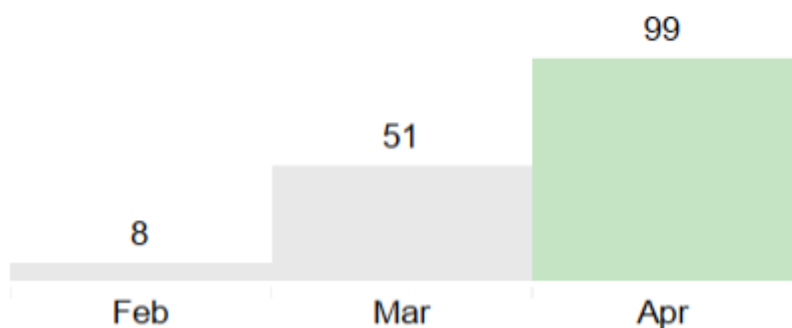
Birds tested and confirmed having HPAI

## 29 Affected States

States with at least one confirmed infected flock

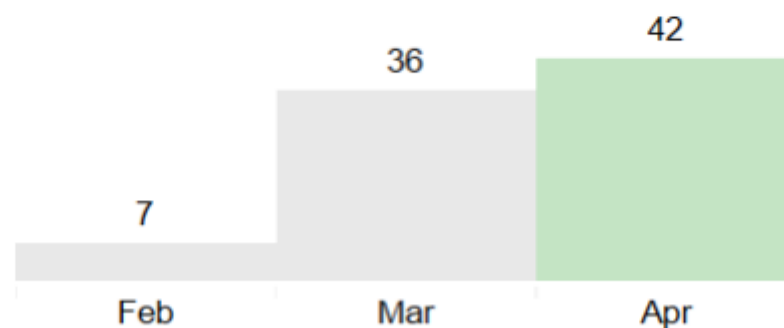
### Commercial Flocks

**158**



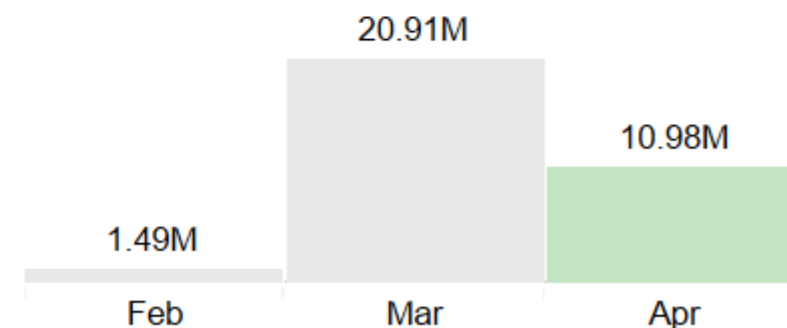
### Backyard Flocks

**85**



### Birds Affected\*

**33.38M**



\*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>Minnesota</b>	<b>10 new cases</b> <b>9 Commercial</b> <b>1 backyard</b>	60 total flocks 55 commercial, 5 backyard >2.7 million birds
<b>North Dakota</b>	<b>3 new cases</b> <b>1 Commercial</b> <b>2 Backyard</b>	14 total flocks 4 Commercial 10 Backyard >139,000 birds
<b>Michigan</b>	<b>1 new cases</b> <b>1 Backyard</b>	8 total flocks All backyard birds 650 birds
<b>Wisconsin</b>	<b>1 new cases</b> <b>1 backyard</b>	8 total flocks 3 commercial, 5 backyard > 2,8 million birds
<b>Pennsylvania</b>	<b>1 new cases</b> <b>Commercial</b>	5 total flock 5 commercial flock >3.8 million birds
<b>Utah</b>	<b>1 new case</b> <b>Commercial</b>	2 total flocks 1 commercial, 1 backyard >1.4 million birds

<b>Montana</b>	<b>1 new case</b> <b>Backyard flock</b>	5 total flocks All backyard >76,000 birds
<b>Indiana</b>	<b>1 new case</b> <b>(Commercial)</b>	9 total flocks All commercial birds
<b>Iowa</b>	<b>2 new cases</b> <b>1 commercial</b> <b>1 backyard</b>	18 total flocks 15 commercial 3 backyard >13.3 million birds
Colorado	No new cases	3 affected flocks 1 Commercial, 2 Backyard >60,000 birds
South Dakota	No new cases	36 total flocks 35 commercial, 1 backyard >1.6 million birds
Nebraska	No new cases	6 total flocks 3 commercial 3 backyard >2.7 million birds
Kansas	No new cases	5 total flocks 1 commercial, 4 backyard 7,436 birds

 Border State

# 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
Illinois	No new cases	2 total flocks 2 backyard flocks 40 birds
Connecticut	No new cases	1 total flock 1 backyard 160 birds
Kentucky	No new cases	2 total flocks 2 commercial >284,000 birds

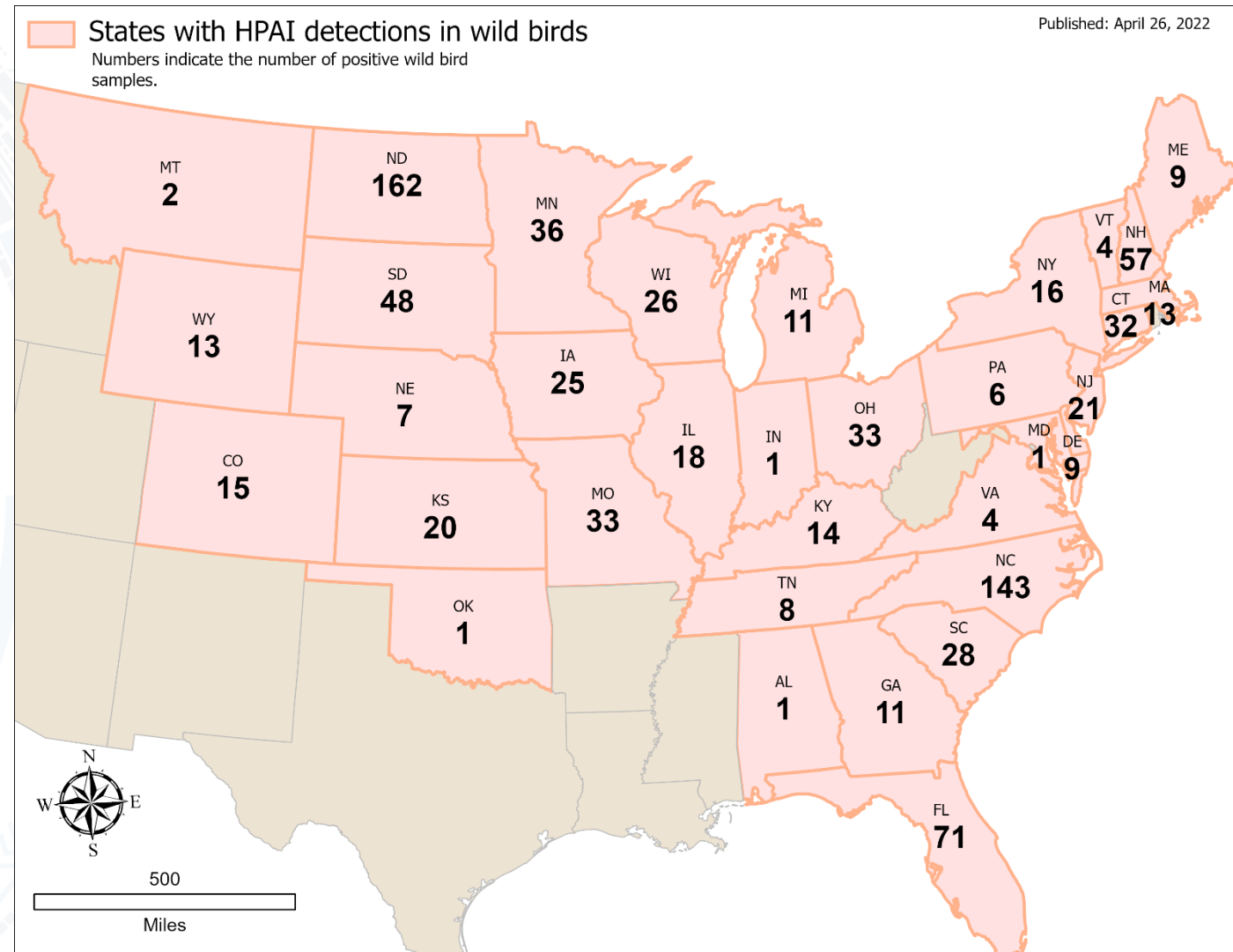
# US Wild Bird H5N1 Avian Influenza

- US Wild Bird Information
- New state reporting – Wyoming
- Large number of new cases reported in Minnesota, North Dakota, Wisconsin

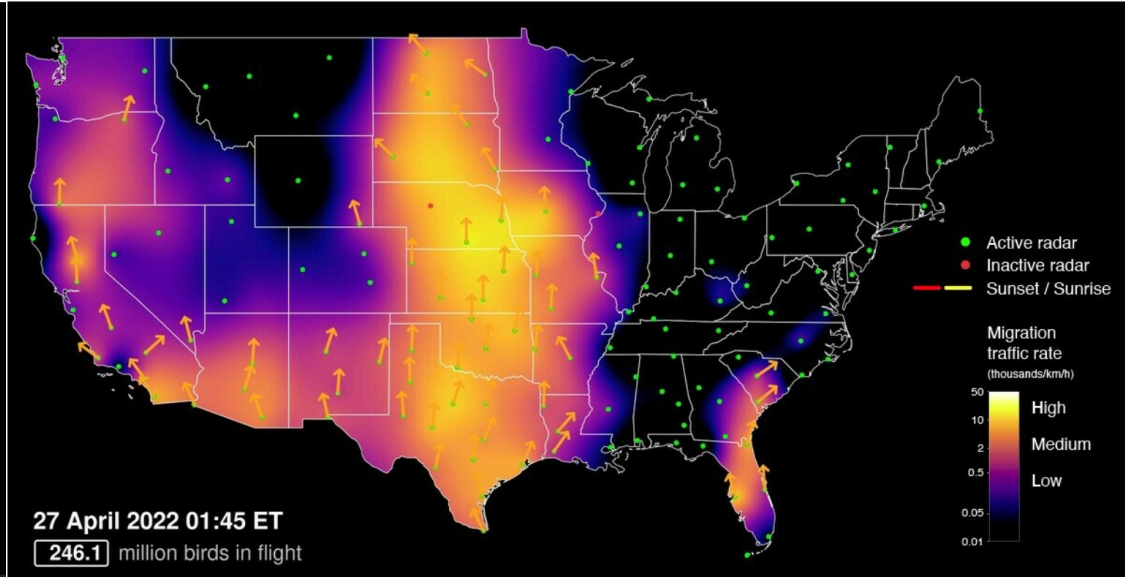
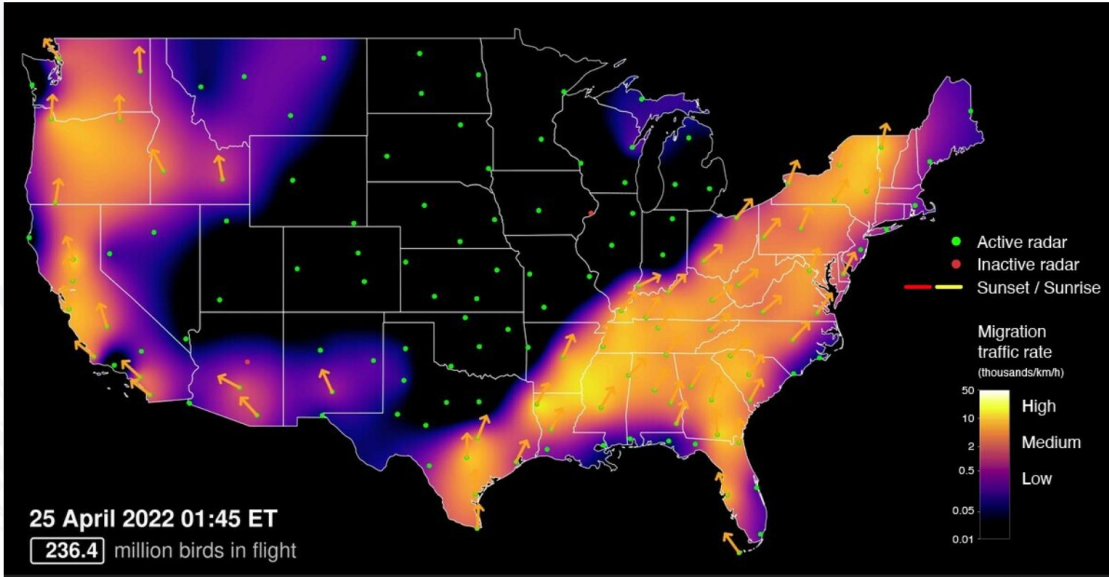
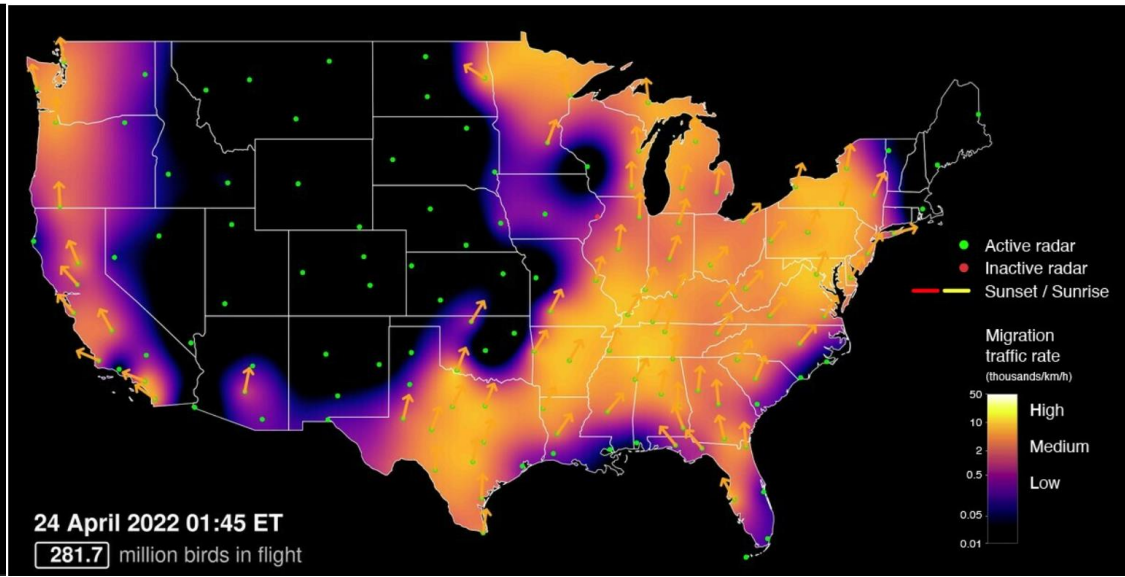
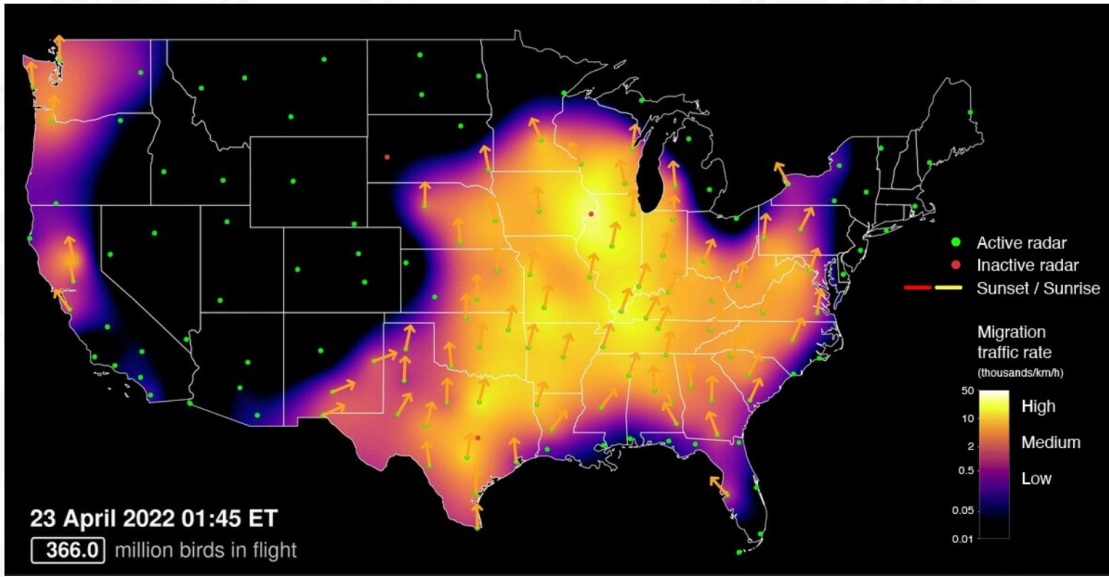
Live bird migration map

Ongoing high numbers April 21-27

All flyways moving



# Wild Bird Migration





# Canadian Domestic Detections

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

<b>Alberta</b>	<b>04/25/2022</b>	<b>Poultry flock</b>	<b>Ontario</b>	<b>04/26/2022</b>	<b>Poultry Flock</b>
	<b>04/24/2022</b>	<b>Poultry flock</b>		<b>04/23/2022</b>	<b>Small Flock</b>
	<b>04/23/2022</b>	<b>Small flock</b>		<b>04/21/2022</b>	<b>Poultry Flock</b>
	<b>04/21/2022</b>	<b>Small flock</b>		04/14/2022	Poultry Flock
	<b>04/21/2022</b>	<b>Poultry flock</b>		04/14/2022	Poultry Flock
	<b>04/20/2022</b>	<b>Poultry flock</b>		04/12/2022	Poultry Flock
	04/15/2022	Poultry Flock		04/12/2022	Poultry Flock
	04/14/2022	Small Flock		04/10/2022	Poultry Flock
	04/14/2022	Poultry Flock		04/06/2022	Poultry Flock
	04/14/2022	Poultry Flock		04/06/2022	Poultry Flock
	04/12/2022	Poultry flock		04/05/2022	Backyard Flock
	04/11/2022	Poultry Flock		04/05/2022	Poultry Flock
	04/10/2022	Poultry Flock		04/04/2022	Poultry Flock
	04/09/2022	Poultry Flock		04/02/2022	Backyard Flock
	04/08/2022	Poultry Flock		03/31/2022	Backyard Flock
	04/06/2022	Poultry Flock		03/30/2022	Turkeys
	04/06/2022	Poultry Flock		03/28/2022	Commercial Turkeys
04/06/2022	Poultry Flock	03/27/2022	Breeder Turkeys		
<b>Saskatchewan</b>	<b>04/26/2022</b>	<b>Poultry Flock</b>			
	<b>04/24/2022</b>	<b>Poultry Flock</b>			
	<b>04/22/2022</b>	<b>Small Flock</b>			
	<b>04/22/2022</b>	<b>Poultry Flock</b>			
	04/16/2022	Poultry Flock			
04/14/2022	Small Flock				

# Canadian Domestic Detections

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

<b>New Brunswick</b>	<b>4/25/2022</b>	<b>Small Flock</b>
<b>Manitoba</b>	<b>4/23/2022</b>	<b>Poultry Flock</b>
<b>British Columbia</b>	<b>04/25/2022</b> 04/13/2022	<b>Small Flock</b> Poultry Flock
<b>Quebec</b>	<b>04/21/2022</b> 04/17/2022 04/14/2022 04/13/2022 04/12/2022	<b>Poultry Flock</b> Poultry Flock Poultry Flock Small Flock Poultry flock

Nova Scotia	03/15/2022 02/11/2022 02/03/2022 02/01/2022	Backyard Flock Backyard Flock Commercial Flock Backyard Flock
Newfoundland and Labrador	01/09/2022 12/20/2022	Backyard Flock Mixed exhibition flock

# Zone Maps



# Wild Bird H5N1 Avian Influenza

- Canadian Wild Bird Information

No new Provinces affected

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



Wild Bird Dashboard now live!