



Community for Emerging and Zoonotic Diseases

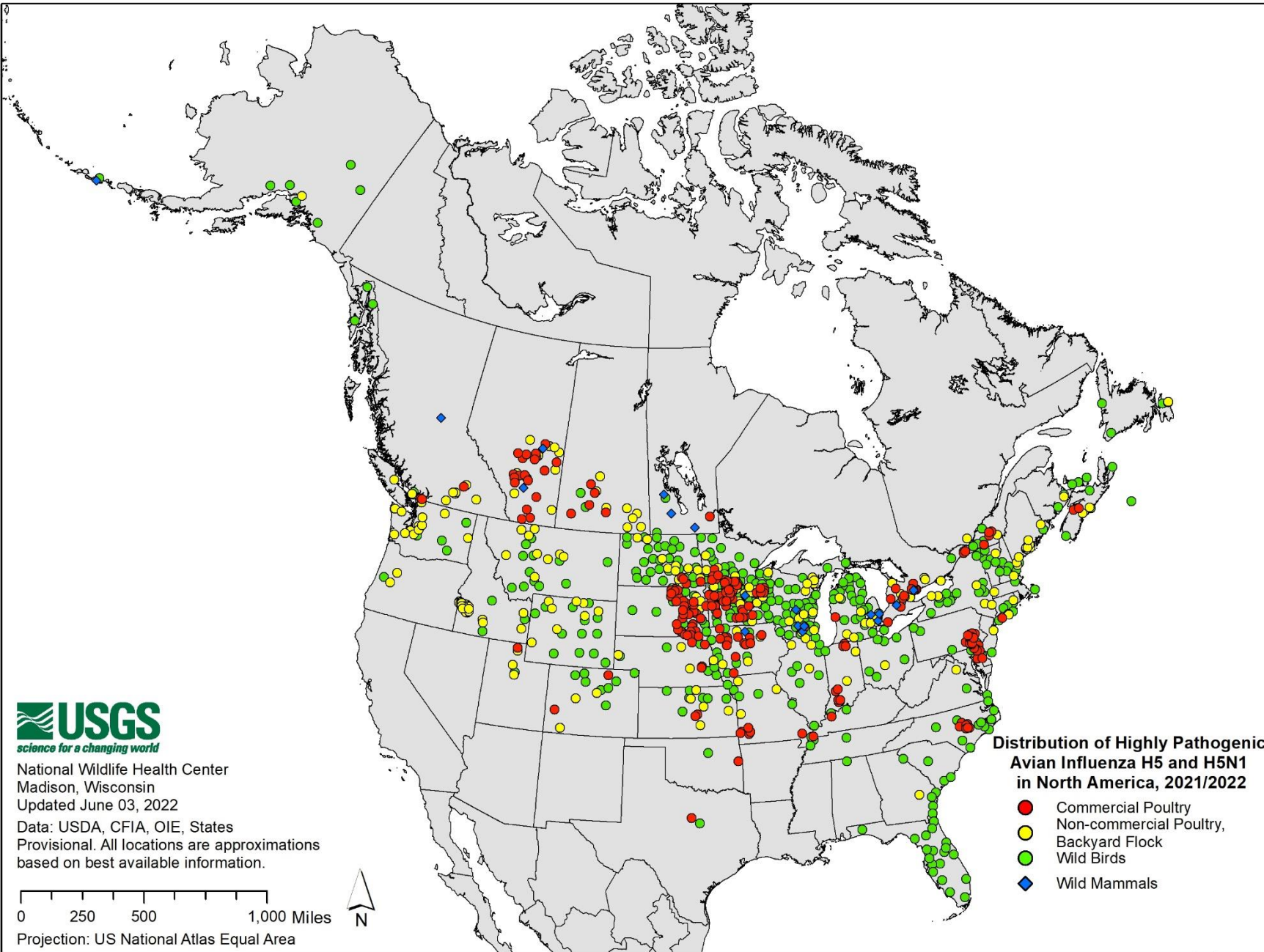
Identifying emerging risks through collective intelligence

CFIA One Health HPAI Meeting

9 June 2022

www.cezd.ca

USGS Map





HPAI 2022 Confirmed Detections

as of June 8, 2022

Last reported detection Tuesday, June 7, 2022

Data updated weekdays by 12pm Eastern

[Download Data](#)

362 Confirmed Flocks

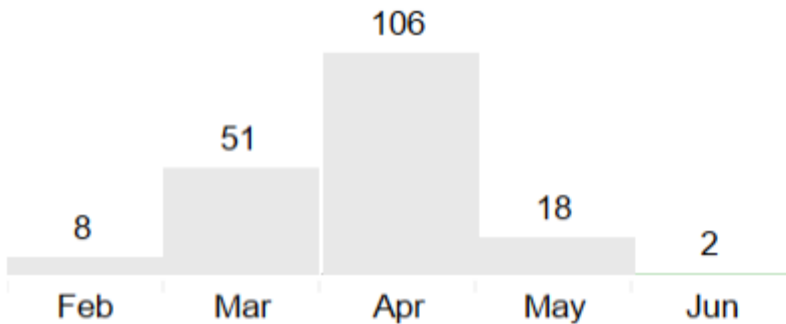
Birds tested and confirmed having HPAI

36 Affected States

States with at least one confirmed infected flock

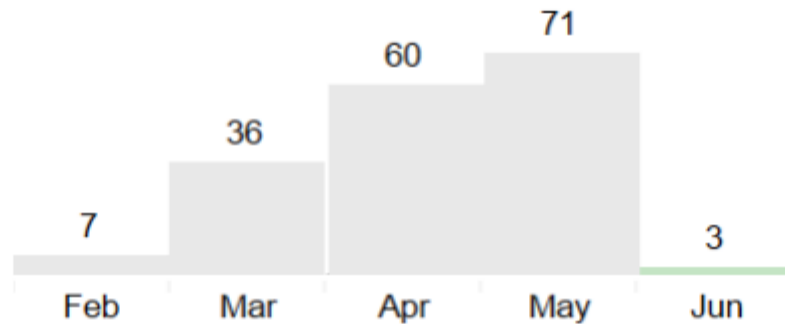
Commercial Flocks

185



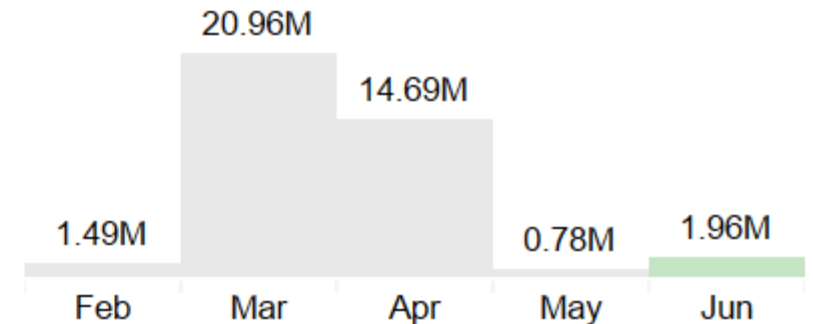
Backyard Flocks

177



Birds Affected*

39.87M



*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

Georgia	1 new case 1 backyard	1 total flock 1 backyard 490 birds
Colorado	1 new case 1 commercial	6 affected flocks 3 Commercial, 3 Backyard > 3.3 million birds
Washington	1 new cases 1 backyard	14 total flock 4 backyard flocks 1,122 birds
Minnesota	1 new cases 1 backyard	80 total flocks 59 commercial, 21 backyard >2.9 million birds
Pennsylvania	1 new cases 1 Commercial	17 total flock 17 commercial flock >4.0 million birds
North Dakota	1 new case 1 backyard	16 total flocks 4 Commercial 12 Backyard >167,000 birds

Alaska	No new cases	1 total flock 1 backyard flock 30 birds
Montana	No new cases	9 total flocks All backyard >78,000 birds
Michigan	No new cases	13 total flocks 1 commercial, 12 backyard > 35,000 birds
Wisconsin	1 new cases 1 backyard	22 total flocks 8 commercial, 14 backyard > 3.0 million birds
Idaho	10 new cases 10 backyard	25 total flocks All backyard 988 birds



Border State

US Domestic Detections

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

Vermont	No new cases	1 total flocks 1 backyard 30 birds
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 7028 birds affected
Ohio	No new cases	1 total flock 1 backyard flock 20 birds

Oklahoma	No new cases	1 total flock 1 commercial flock 13,800 birds
Nebraska	No new cases	8 total flocks 4 commercial, 4 backyard >4.8 million birds
Missouri	No new cases	9 total flocks 6 commercial, 3 backyard >430,000 birds
Wyoming	3 new cases 3 backyard	8 total flocks All backyard birds 350 birds
South Dakota	1 new case 1 backyard	40 total flocks 36 commercial, 4 backyard >1.6 million birds
Oregon	1 new case	2 total flock 2 backyard flock 540 birds
Indiana	1 new case 1 backyard	11 total flocks 9 commercial, 2 backyard >189,000
Illinois	1 new case 1 backyard	4 total flocks 4 backyard flocks 150 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
Connecticut	No new cases	1 total flock 1 backyard 160 birds
Kentucky	No new cases	2 total flocks 2 commercial >284,000 birds
Kansas	No new cases	6 total flocks 1 commercial, 5 backyard 7,546 birds
New Jersey	No new cases	1 total flock 1 backyard flock 60 birds

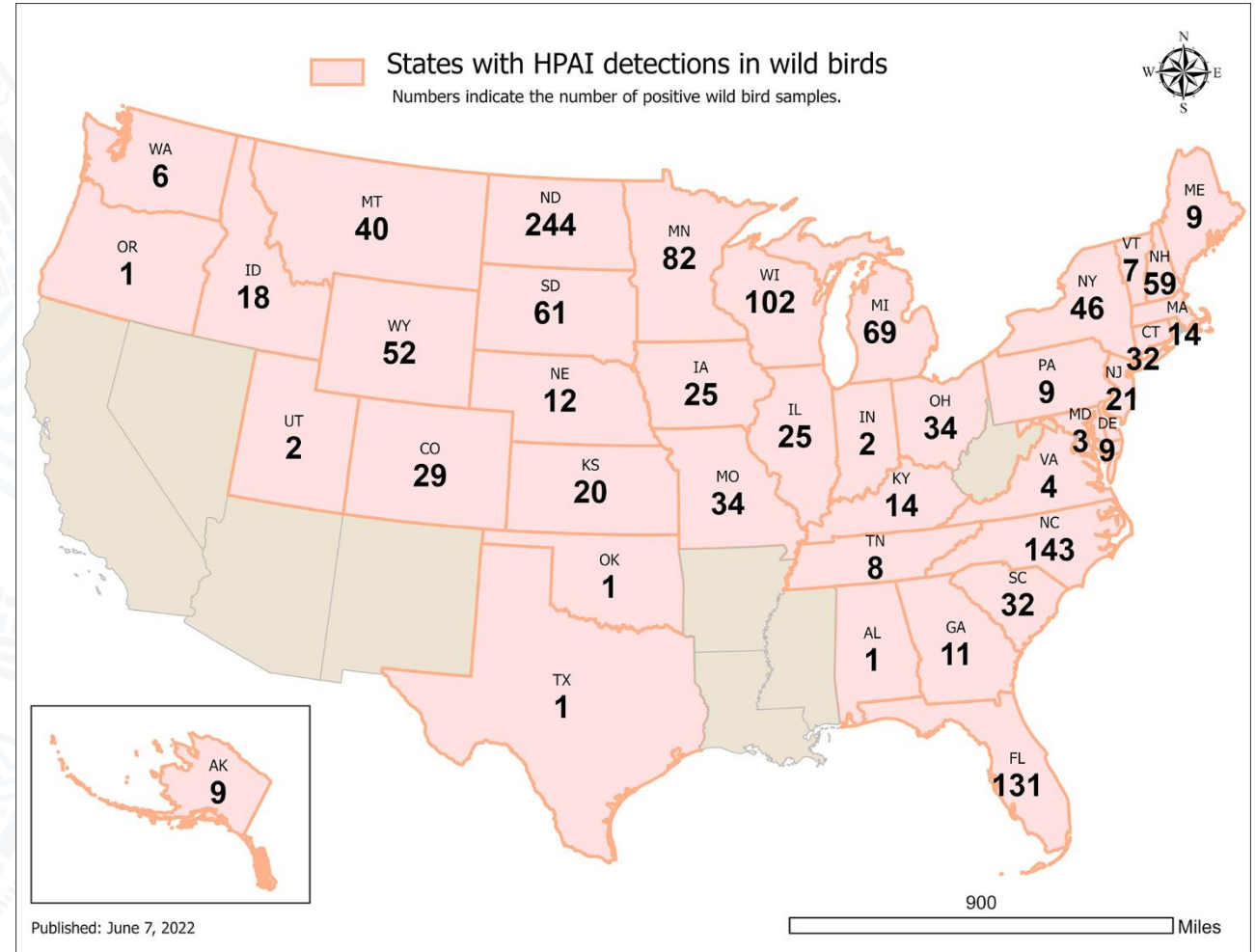
Utah	No new cases	4 total flocks 1 commercial, 3 backyard >1.5 million birds
North Carolina	No new cases	9 total flocks All commercial >480,000 birds
Virginia	No new cases	1 total flock 1 backyard flock 90 birds
Maryland	No new cases	4 total flocks 4 commercial >1.7 million birds
Texas	No new cases	1 total flock 1 commercial flock 1,700 birds
Iowa	No new cases	19 total flocks 15 commercial 4 backyard >13.3 million birds

US Wild Bird H5N1 Avian Influenza

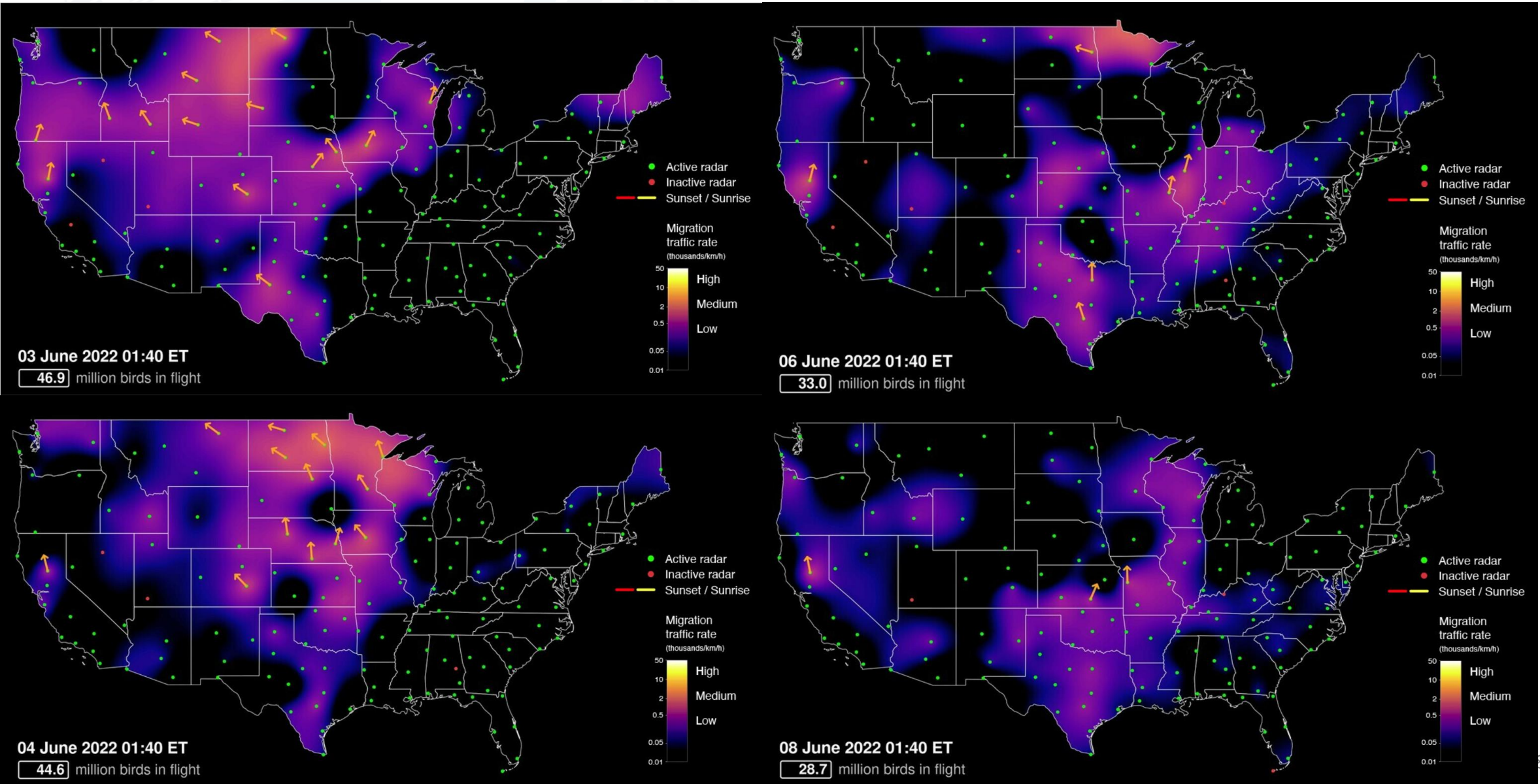
- [US Wild Bird Information](#)
- New state reporting detection Oregon
- Detections across the states doesn't show any obvious pattern

[Live bird migration map](#)

Declining numbers June 2 – 8, 2022
<50 million birds each night



Wild Bird Migration



Canadian Domestic Detections

Canadian Detections in Domestic Birds [CFIA Website](#) as of June 8, 2022

Province	New Cases Since June 2 nd , 2022	All Cases
British Columbia	2 new cases – small flock poultry	1 Captive wild non poultry 3 Commercial Poultry 7 Small Flock Poultry 4 Small Flock non-poultry
Alberta	2 new cases – small flock non-poultry	19 Commercial Poultry 2 Small Flock Poultry 10 Small Flock Non-poultry
Saskatchewan	No new cases	5 Commercial Poultry 5 Small Flock Poultry 3 Small Flock Non-Poultry
Manitoba	No new cases	1 Commercial Poultry
Ontario	No new cases	20 Commercial Poultry 5 Small Flock Poultry 1 Small Flock non-poultry
Quebec	No new cases	4 Commercial Poultry 2 Small Flock Poultry 1 Small Flock non-poultry
New Brunswick	No new cases	1 Small Flock Poultry
Nova Scotia	No new cases	2 Commercial Poultry 2 Small Flock Non-poultry
Newfoundland and Labrador	No new cases	2 Small Flock non-poultry

Wild Bird H5N1 Avian Influenza

Canadian Wild Bird Information

- **Yukon** (May 27, 2022)
- Manitoba
- Saskatchewan
- Quebec
- Ontario
- British Columbia
- PEI
- Nova Scotia
- Newfoundland and Labrador
- New Brunswick



[Wild Bird Dashboard](#)

HPAI Detections in Mammals

- BC
- Alberta
- Manitoba
- Ontario
- Others?
- Red Foxes
- Striped Skunk
- Mink
- Others?

