



## County of Erie

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COMMISSIONER OF HEALTH

# NEW YORK STATE AND ERIE COUNTY WEEKLY INFLUENZA SURVEILLANCE REPORT WEEK ENDING MAY 18, 2024

## New York State Department of Health (NYSDOH) Influenza Surveillance

### NYSDOH Weekly Summary:

- Influenza activity was categorized as geographically regional<sup>2</sup>. This is the second consecutive week of regional activity reported this season.
- Laboratories tested 17,935 specimens for influenza, of which 1,506 (8%)<sup>3</sup> were positive, a 25% decrease in positive cases compared with the previous week.
- The number of patients hospitalized with laboratory-confirmed influenza was 70, a 21% decrease in hospitalized cases compared with the previous week.
- Of the 2,472 specimens submitted to WHO/NREVSS laboratories, 62 (3%) were positive. 39 were positive for influenza A and 23 for influenza B.
- The percent of patient visits for influenza-like illness (ILI<sup>4</sup>) from ILINet providers was 0.93%, below the regional baseline of 4.20%.
- There was one outbreak reported in hospitals and one outbreak reported in nursing homes. Season to date, a total of 869 outbreaks have been reported from hospitals and nursing homes in NYS.
- There were no influenza-associated pediatric deaths reported this week. There have been 19 influenza-associated pediatric deaths reported this season.

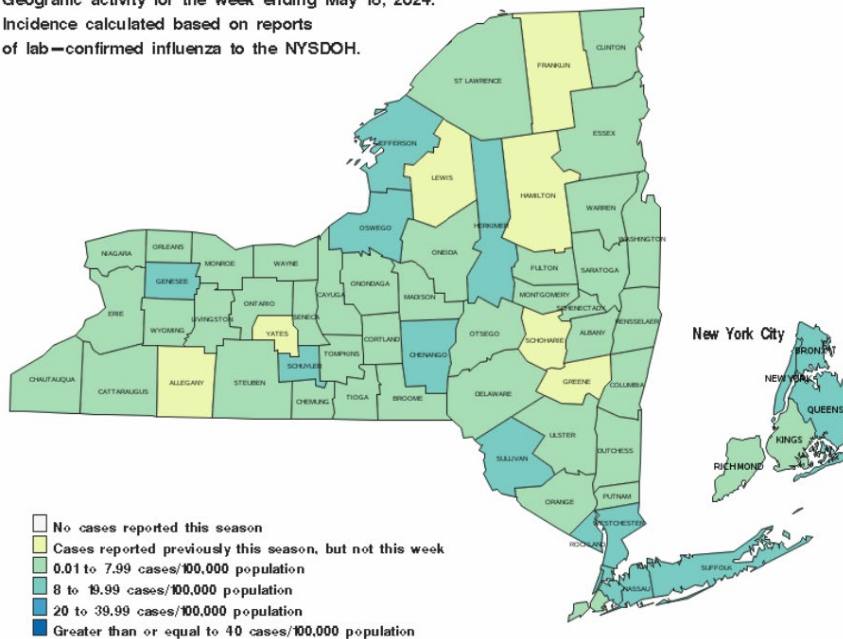
**Source:** [https://www.health.ny.gov/diseases/communicable/influenza/surveillance/2023-2024/flu\\_report\\_current\\_week.pdf](https://www.health.ny.gov/diseases/communicable/influenza/surveillance/2023-2024/flu_report_current_week.pdf)

### A. NYS County Summary:

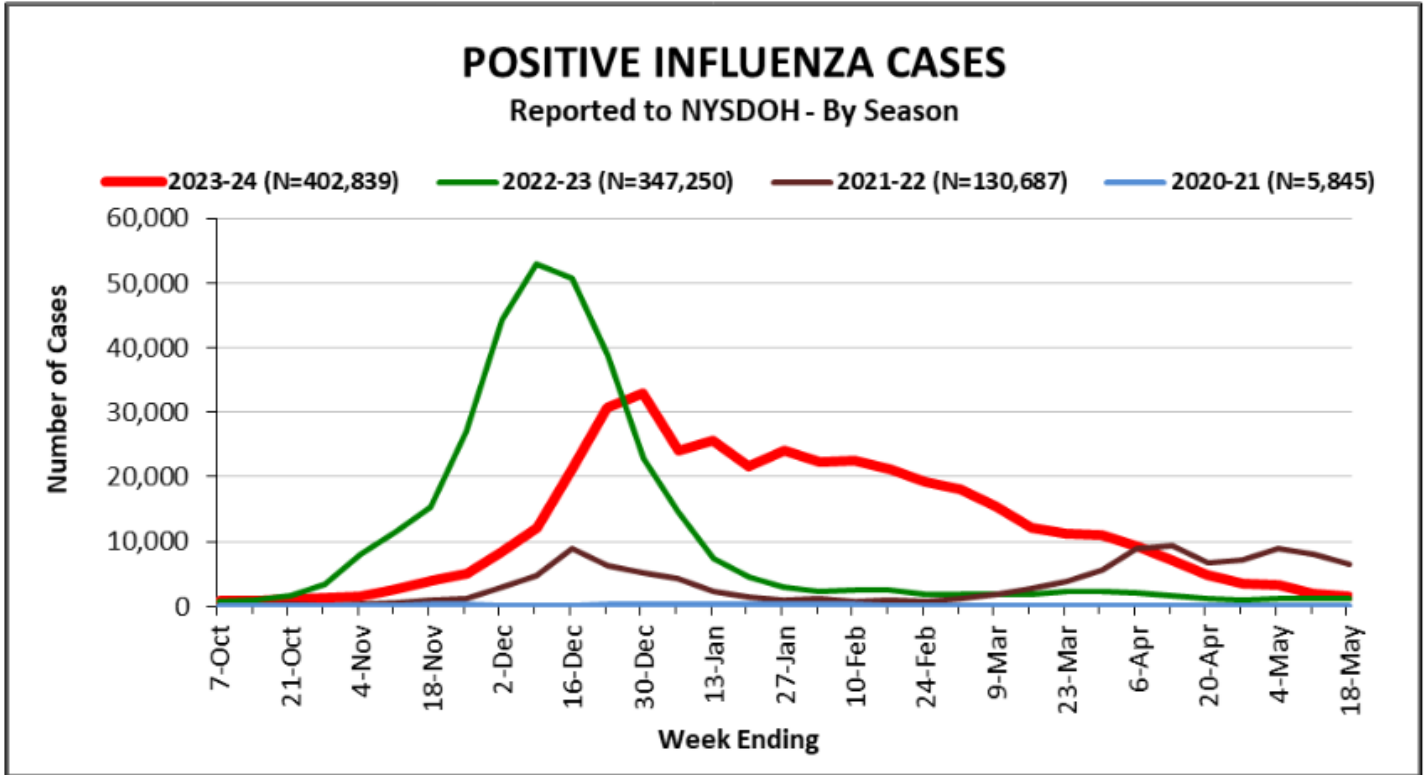
- 55 counties reported influenza cases this week.
- Incidence ranged from 0-14.77 cases/100,000 population.

NYS Geographic Activity Level This Season			
Total Weeks at Sporadic	Total Weeks at Local	Total Weeks at Regional	Total Weeks at Widespread
5	0	4	24

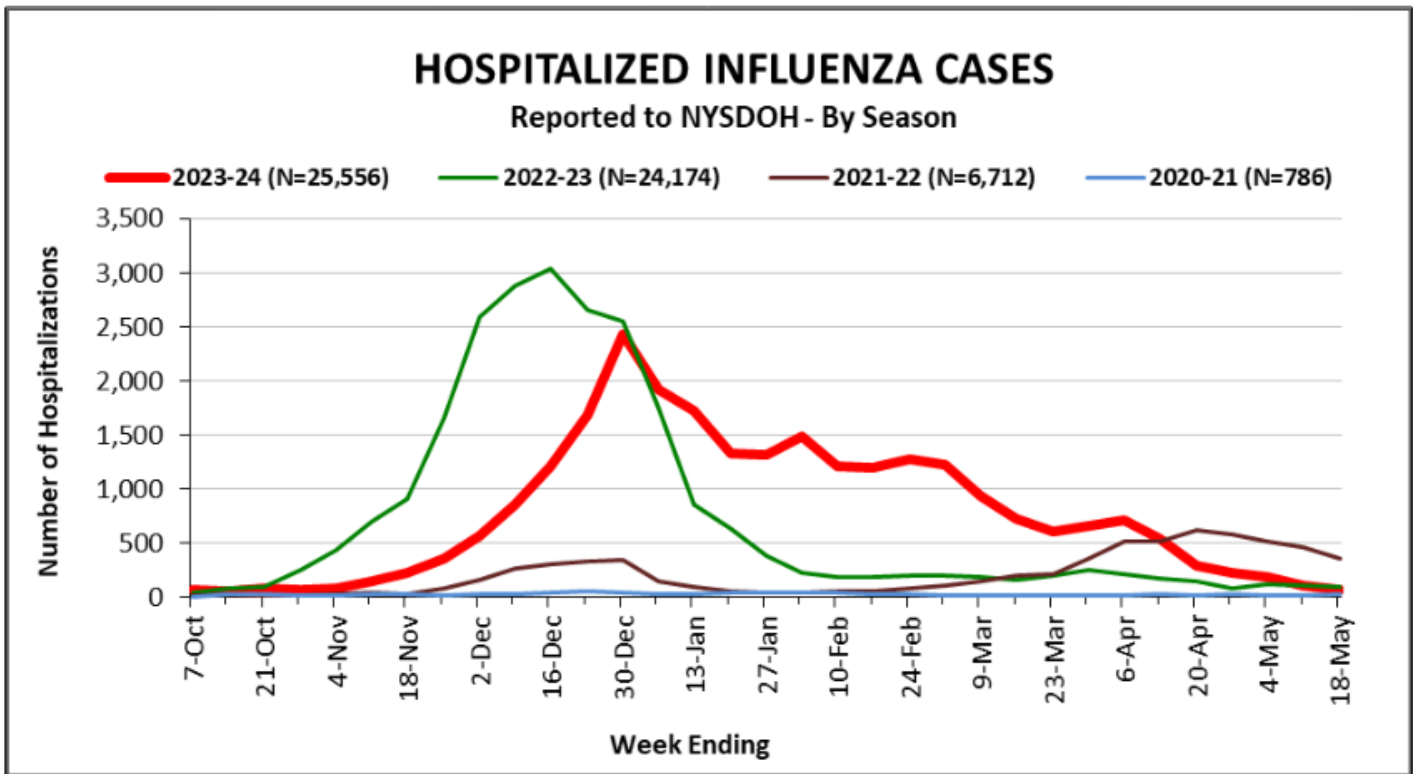
Geographic activity for the week ending May 18, 2024.  
Incidence calculated based on reports of lab-confirmed influenza to the NYSDOH.



**B. NYS - Positive Influenza Laboratory Results by Season**



**C. NYS – Hospitalized Influenza Cases by Season**

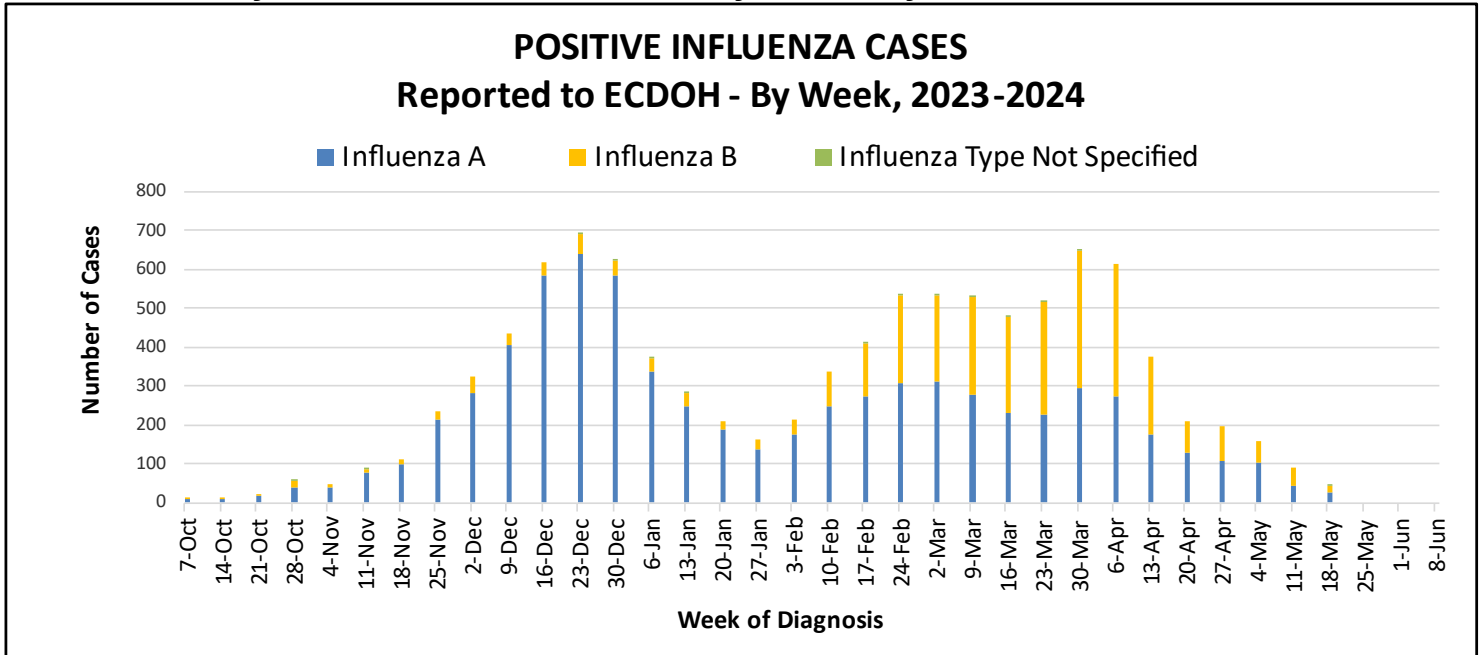


# Erie County Department of Health (ECDOH) Influenza Surveillance

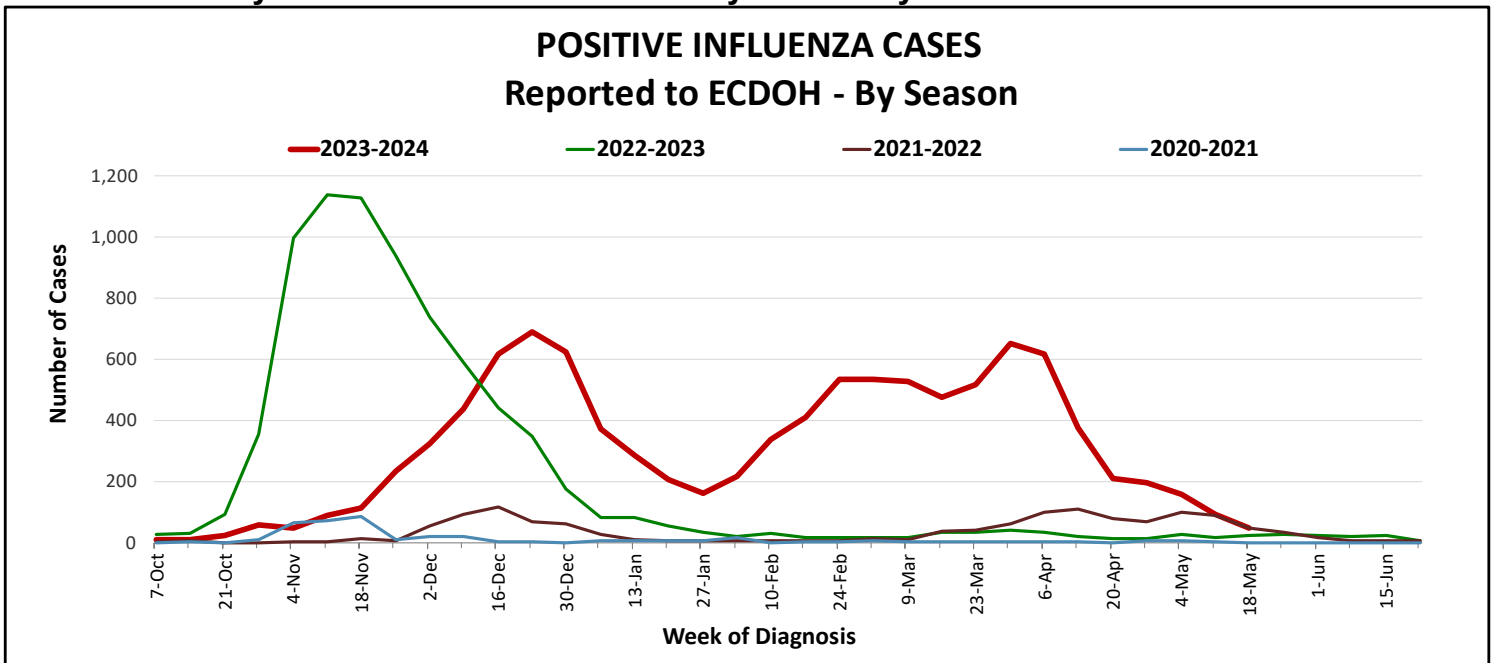
## ECDOH Weekly Summary:

- Of 48 positive laboratory-confirmed influenza reports, 25 were positive for influenza A, 20 were positive for influenza B, and 3 were positive for influenza type not specified.
- There has been 1 pediatric influenza-associated death reported to Erie County this season.

### A. Erie County – Positive Influenza Laboratory Results by Week



### B. Erie County - Positive Influenza Laboratory Results by Season



## Influenza Data Sources and Methods:

Reporting of laboratory-confirmed influenza is mandated under the New York State Sanitary Code (10NYCRR 2.10) and Public Health Law (PHL 2102). Full-service licensed clinical laboratories, and optionally, other laboratories, electronically report positive influenza laboratory test results via the NYSDOH Electronic Clinical Laboratory Reporting System (ECLRS). Influenza data reported to ECLRS is not intended to represent all influenza illnesses as clinical diagnoses, diagnoses based on testing in doctors' offices (e.g., rapid tests), and diagnoses based on serology are not required to be reported to NYSDOH. Despite these limitations, the data can provide useful situational awareness (e.g, trend) information during an influenza season.

ECDOH collects, compiles, analyzes information on influenza activity and generates this report weekly during the influenza season (October through the following May).

## For More Information:

- [Erie County Department of Health – Influenza \(Flu\) Information](#)
- [New York State Department of Health Influenza Activity Report](#)
- [New York State Department of Health Flu Tracker](#)

<sup>2</sup> **No Activity:** No laboratory-confirmed cases of influenza reported to the NYSDOH. **Sporadic:** Small numbers of lab-confirmed cases of influenza reported.

**Local:** Increased or sustained numbers of lab-confirmed cases of influenza reported in a single region of New York State; sporadic in rest of state. **Regional:** Increased or sustained numbers of lab-confirmed cases of influenza reported in at least two regions but in fewer than 31 of 62 counties. **Widespread:** Increased or sustained numbers of lab-confirmed cases of influenza reported is greater than 31 of the 62 counties. Increased or sustained is defined as 8 or more cases of laboratory-confirmed influenza per 100,000 population

<sup>3</sup> **ILI** = influenza-like illness, defined as temperature 100° F with cough and/or sore throat in the absence of a known cause other than influenza.