



Erie County
Department of
Health



Public Health
Prevent. Promote. Protect.

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COMMISSIONER OF HEALTH

NEW YORK STATE AND ERIE COUNTY WEEKLY RESPIRATORY SURVEILLANCE REPORT WEEK ENDING DECEMBER 27, 2025

New York State Department of Health (NYSDOH) Respiratory Surveillance

A. NYSDOH Weekly Summary:

Influenza

- 49,153 laboratory-confirmed cases were reported this week. This is a 32% decrease from the previous week.
- There have been two influenza-associated pediatric deaths reported this season.

COVID-19

- 3,523 laboratory-confirmed cases were reported this week. This is a 20% decrease from the previous week.
- There have been no COVID-19-associated pediatric deaths reported this season.

RSV

- 4,462 laboratory-confirmed cases were reported this week. This is an 11% decrease from the previous week.
- There have been no RSV-associated pediatric deaths reported this season.

Source: [NYSDOH Respiratory Surveillance Report](#)

Influenza Laboratory-Confirmed Cases²

Cases:

Current Week:	49,153
Previous Week:	72,133
% Change from Previous Week:	-32% ▼
Season-to-Date:	239,857

COVID-19 Laboratory-Confirmed Cases²

Cases:

Current Week:	3,523
Previous Week:	4,413
% Change from Previous Week:	-20% ▼
Season-to-Date:	41,224

RSV Laboratory-Confirmed Cases²

Cases:

Current Week:	4,462
Previous Week:	5,015
% Change from Previous Week:	-11% ▼
Season-to-Date:	25,828

Influenza Hospitalizations³

Hospitalizations:

Current Week:	4,546
Previous Week:	3,666
% Change from Previous Week:	24% ▲
Season-to-Date:	13,605

COVID-19 Hospitalizations³

Hospitalizations:

Current Week:	533
Previous Week:	451
% Change from Previous Week:	18% ▲
Season-to-Date:	4,951

RSV Hospitalizations³

Hospitalizations:

Current Week:	520
Previous Week:	411
% Change from Previous Week:	27% ▲
Season-to-Date:	2,470

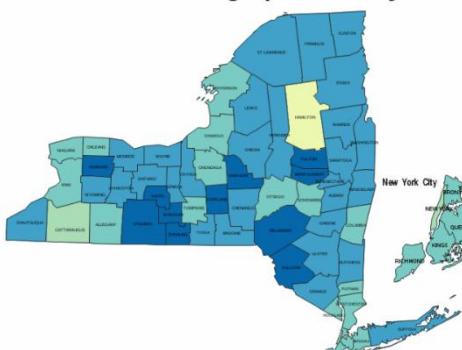
B. NYS County Summary:

Influenza Geographic Activity

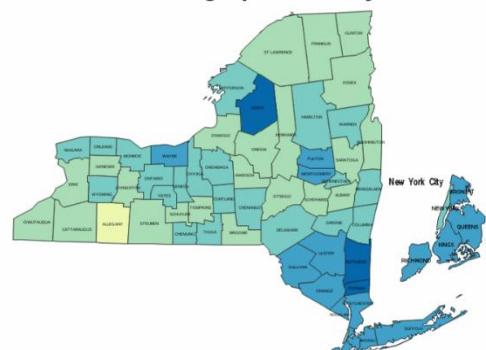


- No cases reported this season
- Cases reported previously this season, but not this week
- 0.01 to 7.99 cases/100,000 population
- 8 to 19.99 cases/100,000 population
- 20 to 39.99 cases/100,000 population
- Greater than or equal to 40 cases/100,000 population

COVID-19 Geographic Activity

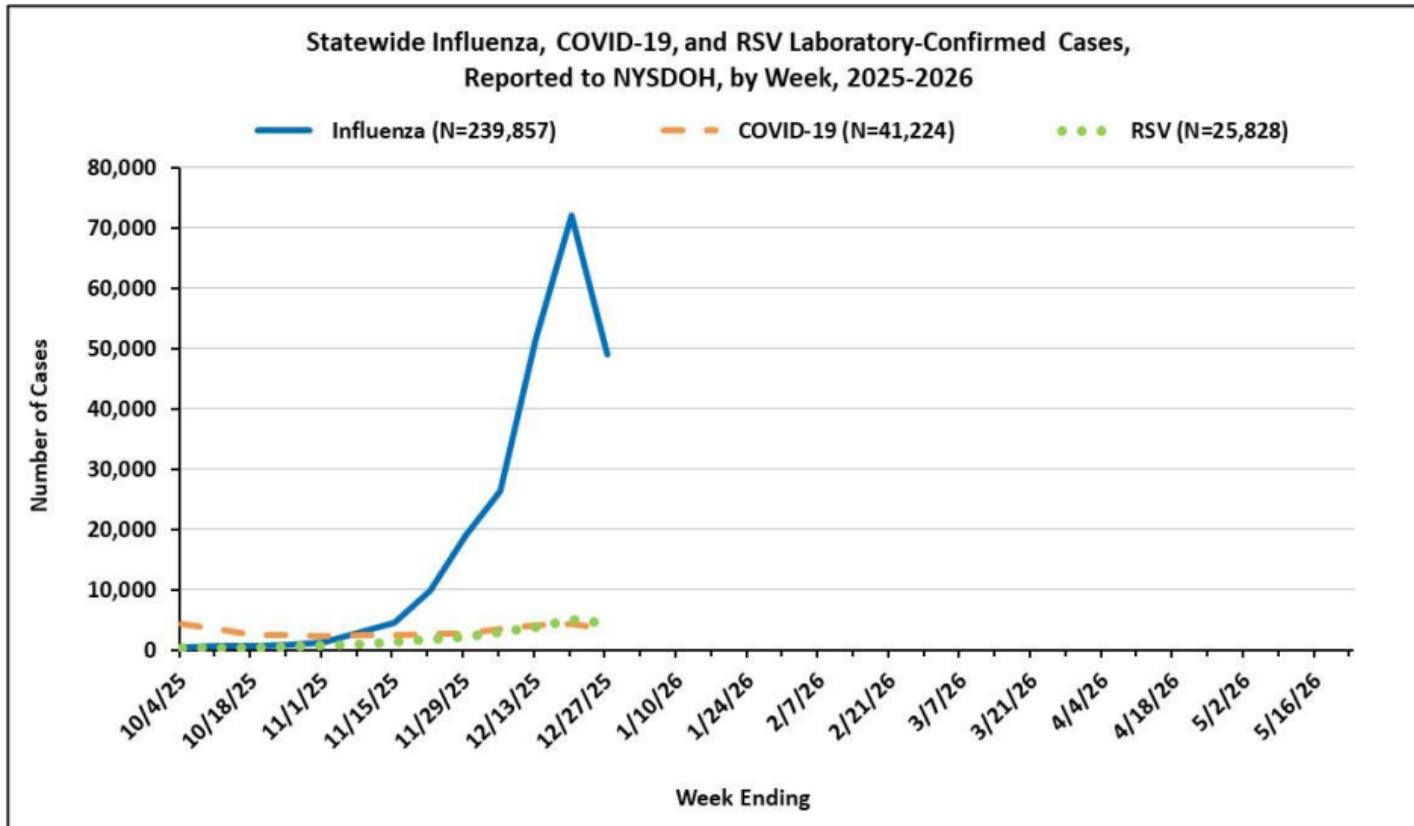


RSV Geographic Activity

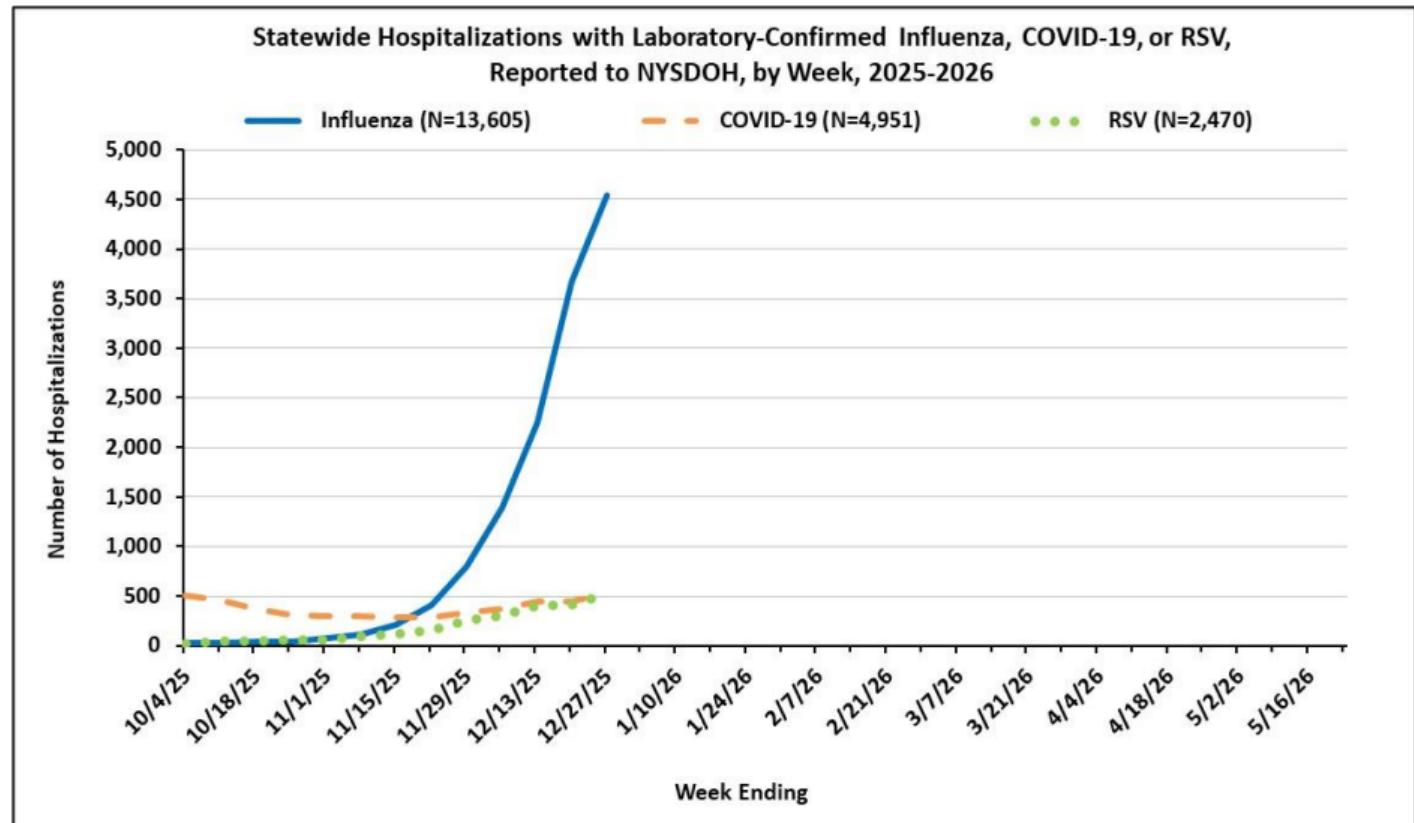


Trend Since Last Report Legend: ▲ = Increasing ▼ = Decreasing ▶ = Stable

C. NYS – Laboratory-Confirmed Cases of Influenza, COVID-19, and RSV



D. NYS – Hospitalizations with Laboratory-Confirmed Influenza, COVID-19, or RSV



Erie County Department of Health (ECDOH) Respiratory Surveillance

A. ECDOH Weekly Summary:

Influenza

- 1,719 laboratory-confirmed cases were reported this week. This is a 15% increase from the previous week.
- Of 1,719 positive laboratory-confirmed influenza reports, 1,652 were positive for influenza A, 66 were positive for influenza B, and 1 was positive for influenza type not specified.
- There have been 0 influenza-associated pediatric deaths reported to Erie County this season.

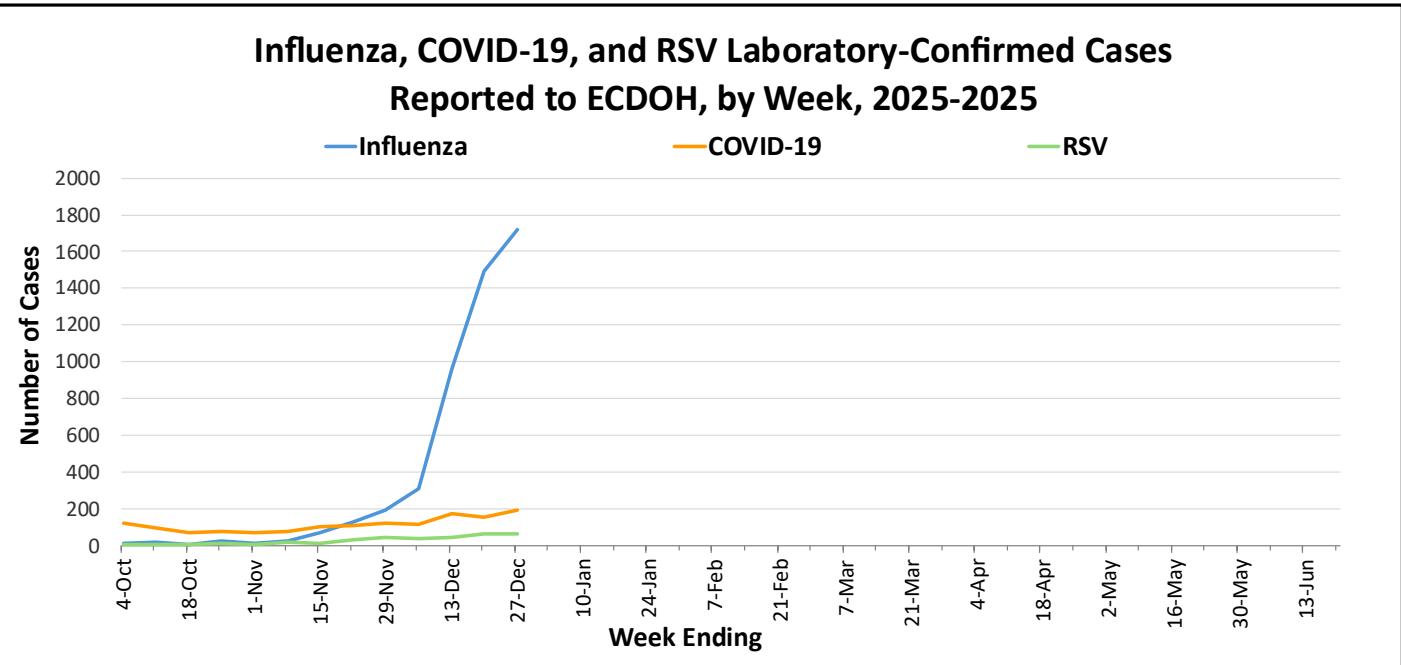
COVID-19

- 193 laboratory-confirmed cases were reported this week. This is a 25% increase from the previous week.
- There have been 0 COVID-19-associated pediatric deaths reported to Erie County this season.

RSV

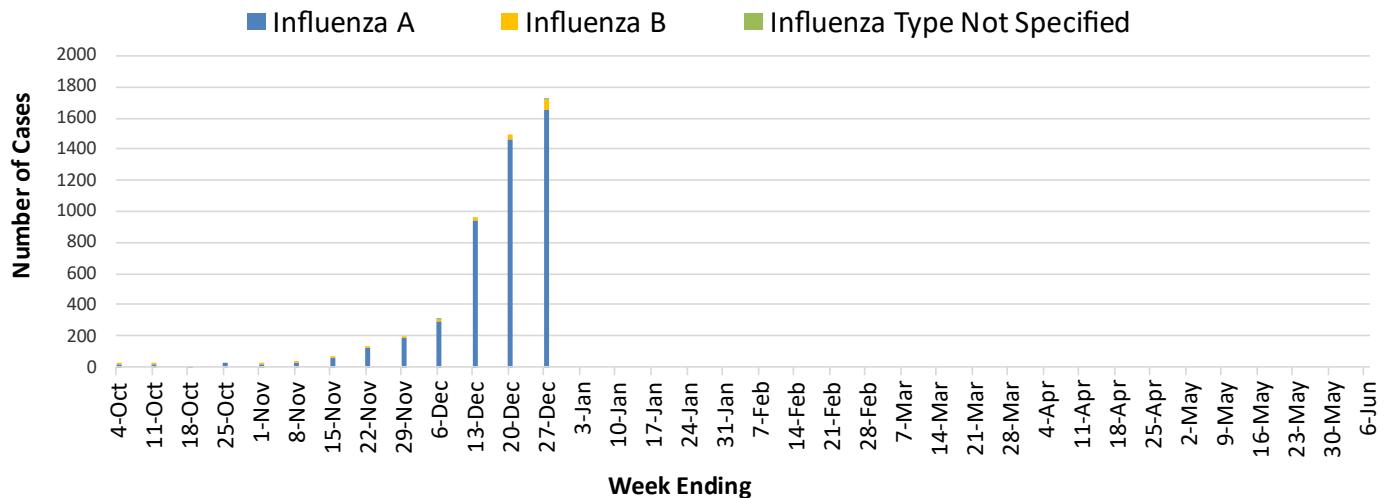
- 65 laboratory-confirmed cases were reported this week. This is a 7% increase from the previous week.
- There have been 0 RSV-associated pediatric deaths reported to Erie County this season.

B. Erie County – Laboratory-Confirmed Cases of Influenza, COVID-19, and RSV



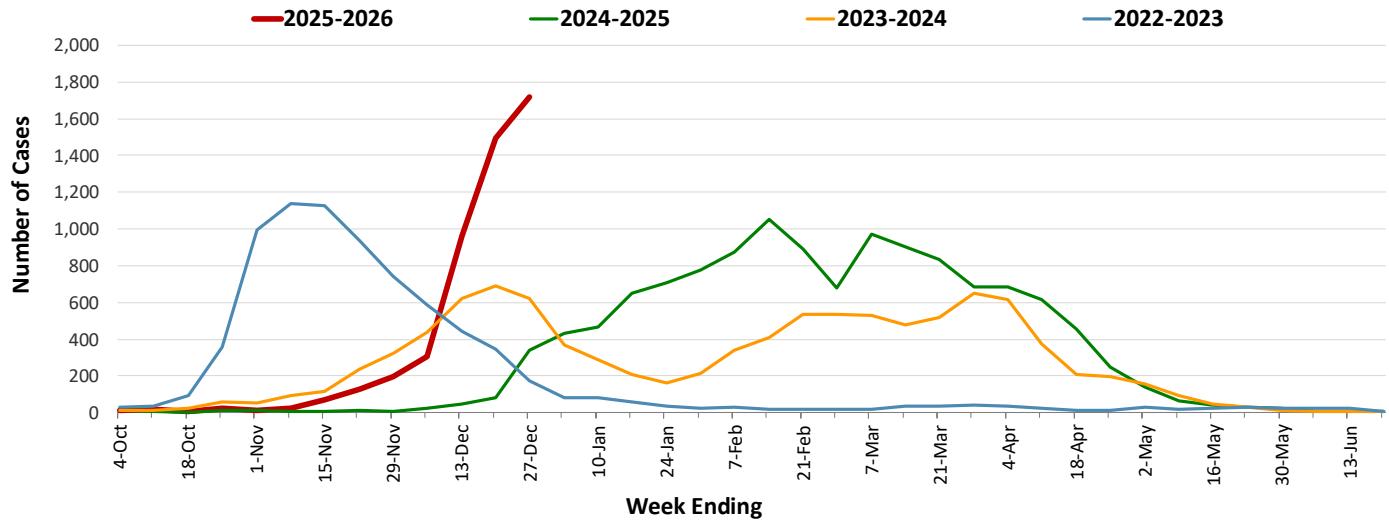
C. Erie County – Laboratory-Confirmed Cases of Influenza by Week

Laboratory-Confirmed Influenza Cases Reported to ECDOH, by Week, 2025-2026



D. Erie County - Laboratory-Confirmed Cases of Influenza by Season

Laboratory-Confirmed Influenza Cases Reported to ECDOH, 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](#)

¹ Information about respiratory monitoring in New York City (NYC) is available from the NYC Department of Health and Mental Hygiene website at: <https://www.nyc.gov/assets/doh/respiratory-illness-data/index.html#/>. National respiratory surveillance data are available on the CDC's Respiratory Illness Data Channel website at: <https://www.cdc.gov/respiratory-viruses/data/index.html>.

² The [Electronic Clinical Laboratory Reporting System \(ECLRS\)](#) provides laboratories that serve New York State with a single electronic system for secure and rapid transmission of reportable disease information to the New York State Department of Health (NYSDOH), county health departments, and the New York City Department of Health and Mental Hygiene (NYCDOMH).

³ Hospitals report weekly the number of patients hospitalized with confirmed influenza, COVID-19, and RSV to the [Health Electronic Response Data System \(HERDS\)](#).