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 in October 17, 2026

New York State Department of Health (NYSDOH) Respiratory Surveillance

A. NYSDOH Weekly Summary:

Influenza

- 3,526 laboratory-confirmed cases were reported this week. This is a 19% increase from the previous week.
- 233 patients were hospitalized with laboratory-confirmed influenza this week. This is a 17% increase from the previous week.
- There have been no influenza-associated pediatric deaths reported this season.

COVID-19

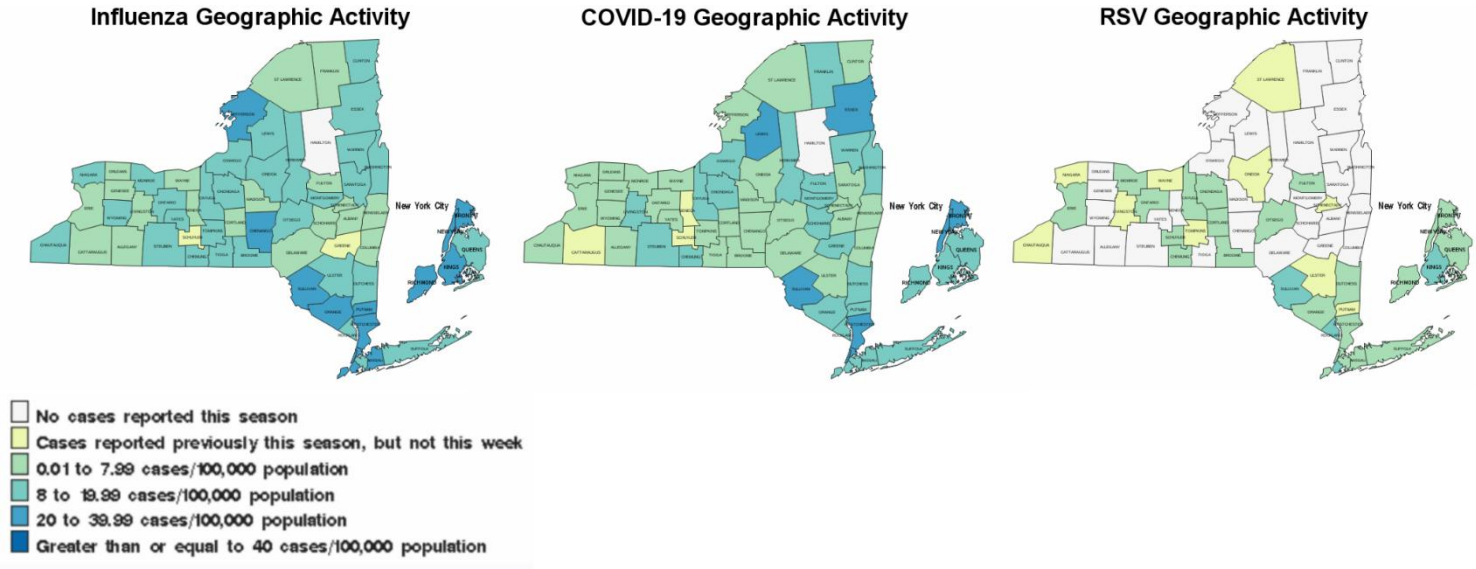
- 2,896 laboratory-confirmed cases were reported this week. This is a 20% decrease from the previous week.
- 411 patients were hospitalized with laboratory-confirmed COVID-19 this week. This is a 4% decrease from the previous week.
- There have been no COVID-19-associated pediatric deaths reported this season.

RSV

- 510 laboratory-confirmed cases were reported this week. This is a 1% increase from the previous week.
- 42 patients were hospitalized with laboratory-confirmed RSV this week. This is an 11% increase from the previous week.
- There have been no RSV-associated pediatric deaths reported this season.

Source: NYSDOH Respiratory Surveillance Report

B. NYS County Summary:



Erie County Department of Health (ECDOH) Respiratory Surveillance

A. ECDOH Weekly Summary:

Influenza

- 89 laboratory-confirmed cases were reported this week. This is a 71% increase from the previous week.
- Of 89 positive laboratory-confirmed influenza reports, 88 were positive for influenza A and 1 was positive for influenza B.
- There have been no influenza-associated pediatric deaths reported to Erie County this season.

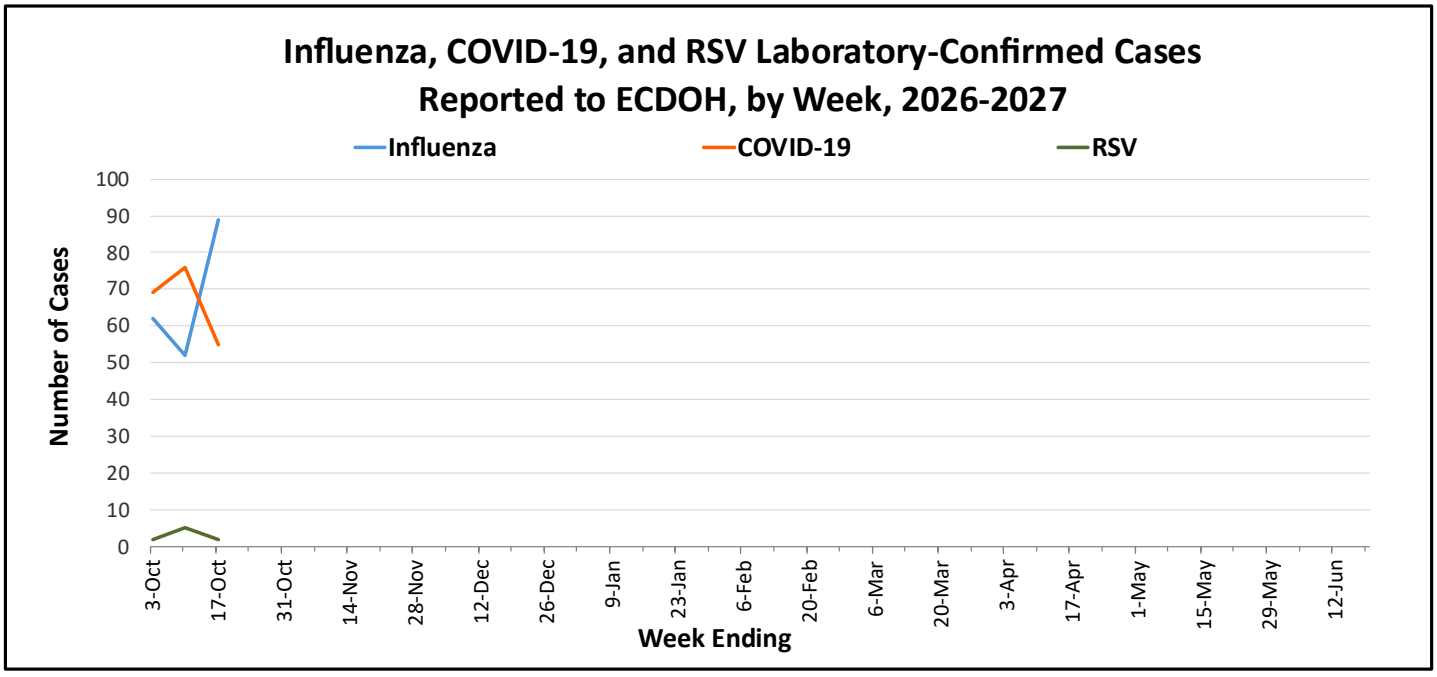
COVID-19

- 55 laboratory-confirmed cases were reported this week. This is a 28% decrease from the previous week.
- There have been no COVID-19-associated pediatric deaths reported to Erie County this season.

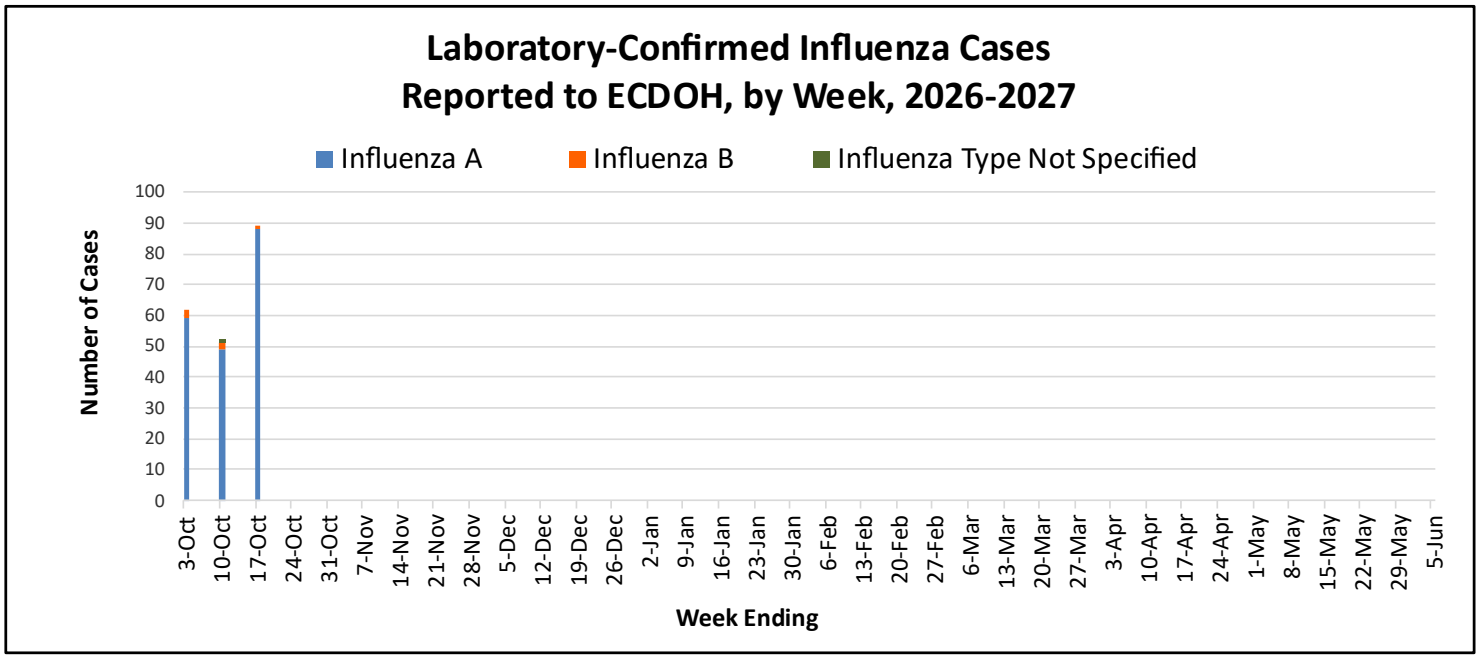
RSV

- 2 laboratory-confirmed cases were reported this week. This is a 60% decrease from the previous week.
- There have been no RSV-associated pediatric deaths reported to Erie County this season.

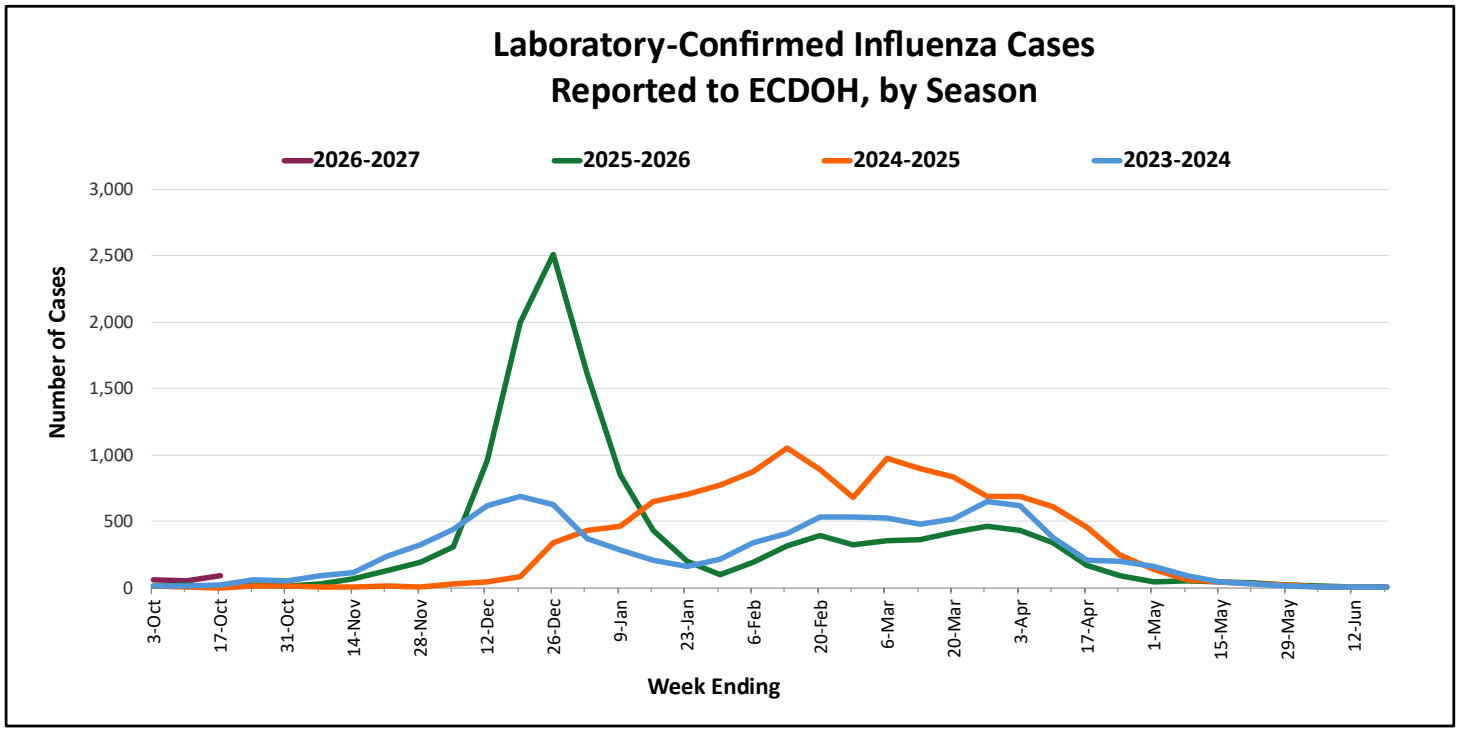
B. Erie County – Laboratory-Confirmed Cases of Influenza, COVID-19, and RSV



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



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



Additional Resources:

- Erie County Department of Health – Influenza (Flu) Information
- New York State Department of Health Influenza Activity Report
- New York State Seasonal Respiratory Virus Dashboard

Influenza Data Sources and Methods:

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

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.

Hospitals report weekly number of patients hospitalized with confirmed influenza, COVID-19, and RSV to the Survey Management and Response Tool (SMART).

Additional information about respiratory monitoring in New York State (NYS) is available from NYS Department of Health at https://health.ny.gov/diseases/communicable/respiratory_viruses/ and 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.