

# Middlesex-London Respiratory Surveillance Report

Last updated: 2024-01-30 12:00 PM

The data in this dashboard represent a snapshot in time and are subject to change as public health investigations into reported cases continue, and as ongoing data quality updates are undertaken, such as correcting for missing or overcounted cases and deaths. The number of cases reported on any given day may change as cases may be referred between jurisdictions or, following further investigation, individuals may no longer meet the case definition. The data shown here may differ from other sources as data may be extracted at different times. The dashboard will be updated every Tuesday at 12:00 PM, unless otherwise noted.

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Respiratory summary

COVID-19 cases

Influenza cases

Other respiratory viruses

Wastewater surveillance

Institutional outbreaks

COVID-19 vaccination

Technical notes

## Respiratory Transmission Risk Assessment

Middlesex-London region is in a High Risk Period for Respiratory Illness

| Indicator  | Status    |
|--|-----------|
| 1. New respiratory outbreaks in health care facilities | Medium    |
| 2. Respiratory hospitalizations                        | Low       |
| 3a. % positivity for COVID-19                          | Medium    |
| 3b. % positivity for influenza                         | Low       |
| 4. Wastewater surveillance trend of COVID-19           | Very high |

## COVID-19 Summary

| Local metrics                      | Week 04<br>(Jan 21 - Jan 27, 2024)   | Season to date<br>(Aug 27, 2023 - Jan 27, 2024) | Trend (compared to previous week) |
|------------------------------------|--|---|-----------------------------------|
| Laboratory-confirmed cases         | 48   | 2,445   | Decreased                         |
| Deaths                             | 0  | 41  | Decreased                         |
| Active outbreaks                   | As of the end of Jan 29, 2024: 4   |   | Decreased                         |
| Local test positivity              | Percent of tests positive: <b>10.5%</b><br>Positivity level: <b>Moderate</b> |   | Decreased                         |
| Provincial metrics                 | Week 03<br>(Jan 14 - Jan 20, 2024)   |   |                                   |
| Provincial weekly indicator change | Lower  |   |                                   |

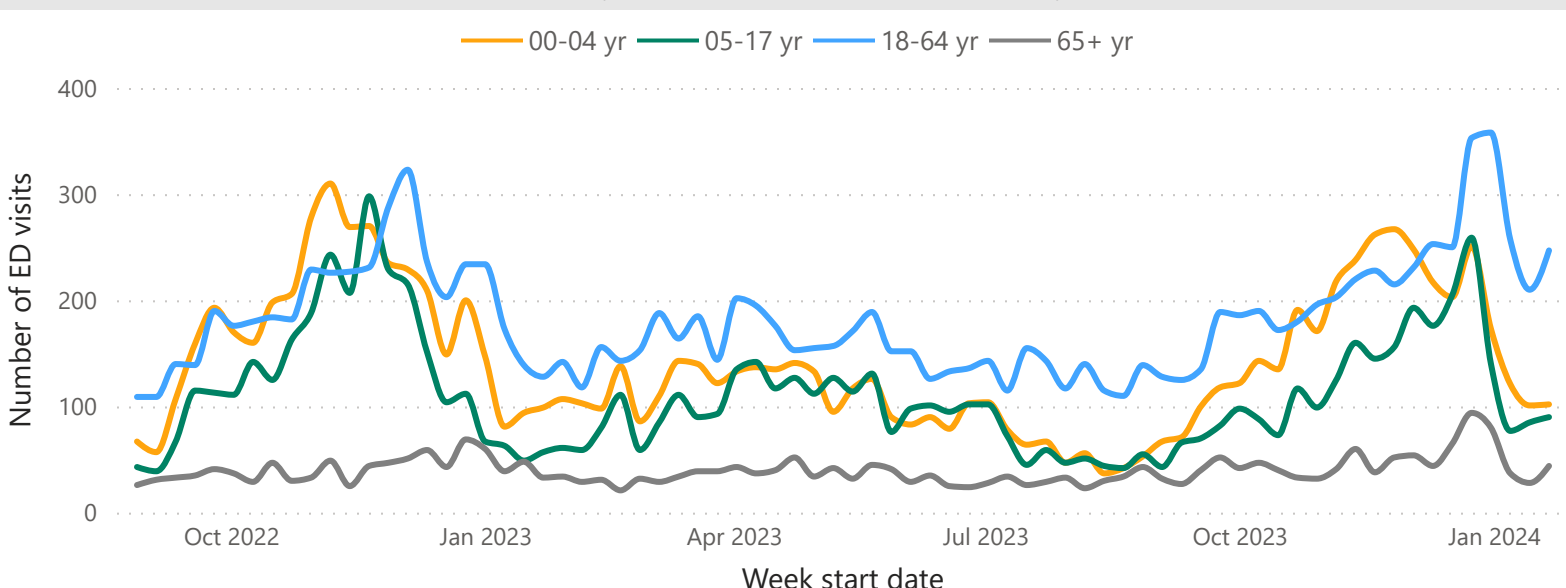
## Influenza Summary

| Local metrics                      | Week 04<br>(Jan 21 - Jan 27, 2024)                                     | Season to date<br>(Aug 27, 2023 - Jan 27, 2024) | Trend (compared to previous week) |
|------------------------------------|--|---|-----------------------------------|
| Laboratory-confirmed cases         | 50   | 449   | Increased                         |
| Influenza sub-types                | Influenza A: 48<br>Influenza B: 2                                      | Influenza A: 424<br>Influenza B: 25             | Increased<br>Same                 |
| Deaths                             | 2  | 3   | Increased                         |
| Active outbreaks                   | As of the end of Jan 29, 2024: 1                                       |   | Decreased                         |
| Provincial metrics                 | Week 03<br>(Jan 14 - Jan 20, 2024)                                     |   |                                   |
| Local influenza activity level     | Activity level: <b>Localized</b>                                       |   |                                   |
| Provincial test positivity         | Percent of tests positive: <b>9.2%</b><br>Positivity level: <b>Low</b> |   |                                   |
| Provincial weekly indicator change | Similar  |   |                                   |

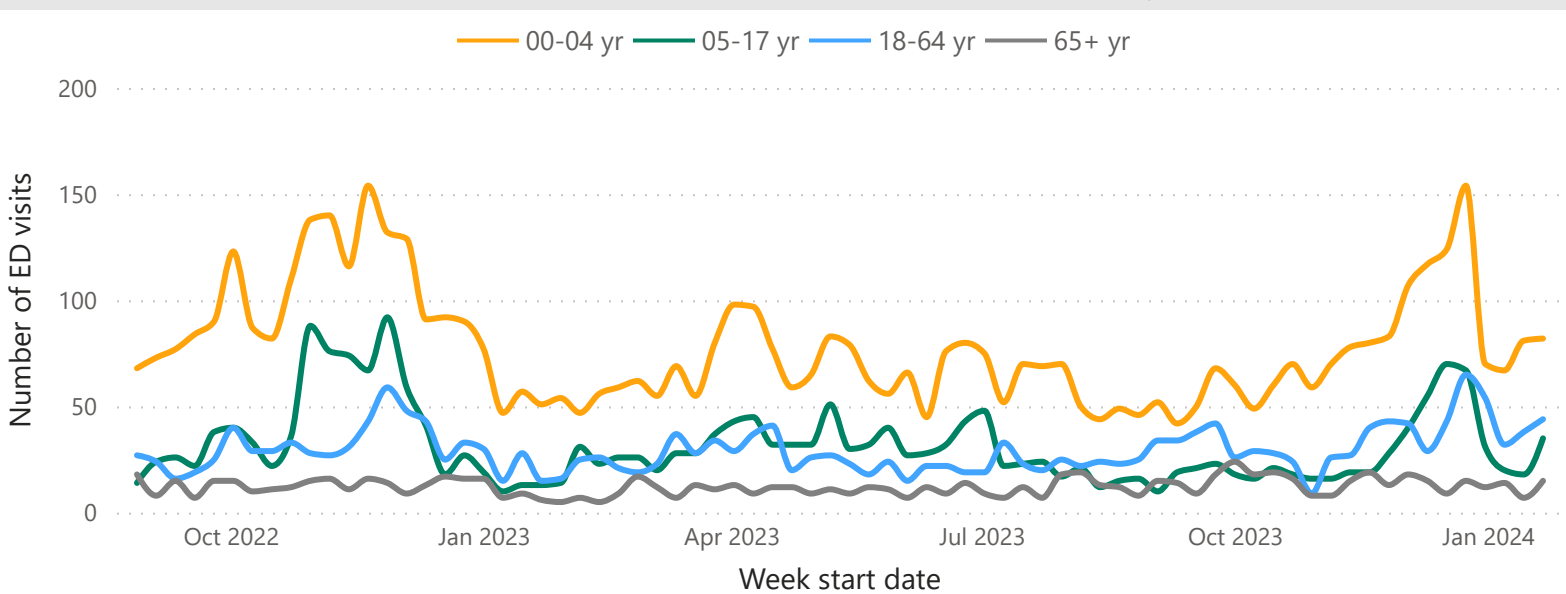
## Clinical Syndromic Surveillance

Data are from the *Acute Care Enhanced Surveillance (ACES)*. ACES provides near real-time surveillance of emergency department (ED) visit records for approximately 95% of acute care hospitals in Ontario. Classifying algorithms are used to categorize each ED visit record into clinical syndromes according to information about the main reason for the visit listed in the record. Respiratory-related syndrome and influenza-like illness visits to Middlesex-London region hospitals (regardless of the client's health unit of residence) are shown below. For more details about each syndrome, please refer to the *Technical Notes*.

Weekly ED visits due to respiratory syndrome by age group in Middlesex-London

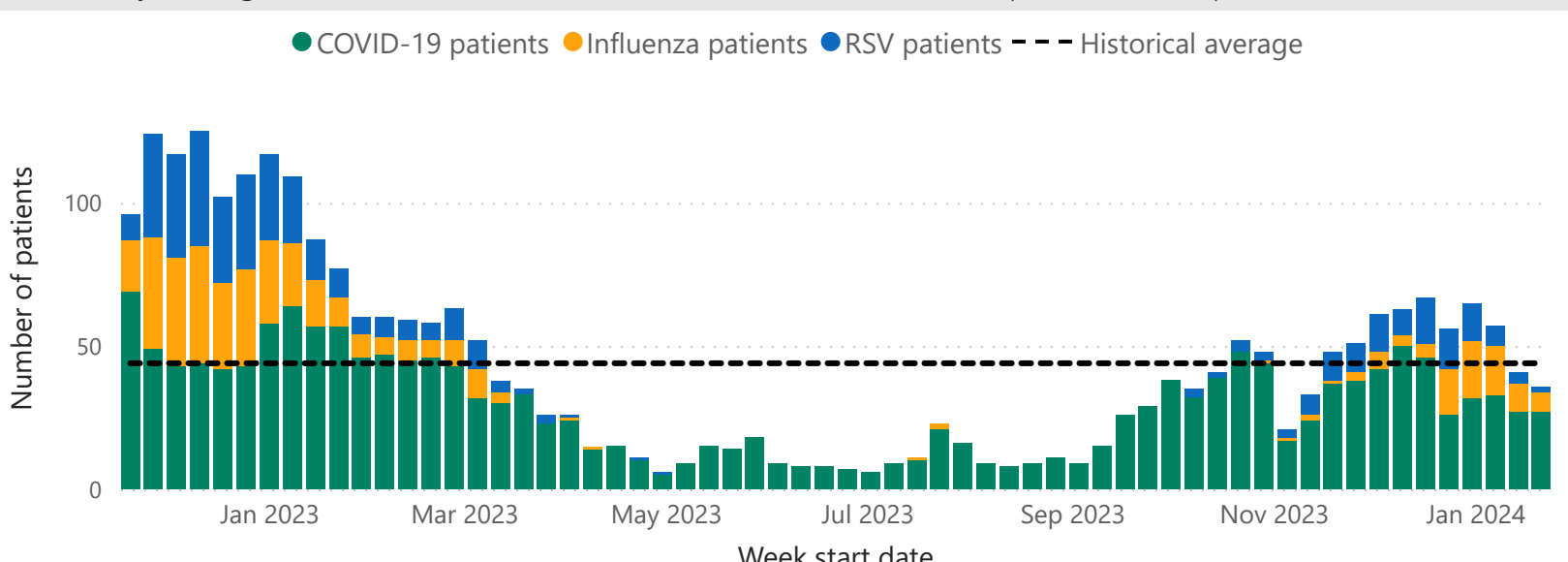


Weekly ED visits due to influenza-like illness (ILI) syndrome by age group in Middlesex-London



## Hospitalizations

Weekly average number of confirmed COVID-19, influenza and RSV patients in hospital, Middlesex-London



### Provincial and national reports:

The latest *Ontario Respiratory Virus Tool*, issued by PHO, is available at: [Ontario Respiratory Virus Tool](#).

The latest *Flu Watch* report, issued by the Public Health Agency of Canada (PHAC), is available at: [Weekly influenza reports](#).

Emergency department visits due to respiratory syndrome, is available at: [Viral Respiratory Mapper](#).