
2014-2015 Community Influenza Surveillance Report Update of Current Status December 29, 2014

Overall assessment: Influenza activity in Middlesex-London is increasing.

Local Activity:

Between December 21st and 27th, eight laboratory-confirmed cases of influenza A, three of whom were hospitalized, were reported to the Health Unit. There were no deaths reported last week.

Since September 1st, 2014, a total of twenty-one laboratory-confirmed influenza A cases have been reported, seven of whom have been hospitalized, and one of whom has died.

Two laboratory-confirmed influenza outbreaks were declared last week. Since September 1st, 2014, four influenza A outbreaks have been declared in facilities within Middlesex-London.

Appendix A provides more details about laboratory-based influenza activity indicators, as well as other local indicators of respiratory illness.

Useful Websites

- The latest Ontario Respiratory Virus Bulletin, issued by Public Health Ontario (PHO), is available at <http://www.publichealthontario.ca/en/ServicesAndTools/SurveillanceServices/Pages/Ontario-Respiratory-Virus-Bulletin.aspx>
- The latest FluWatch report, issued by the Public Health Agency of Canada (PHAC), is available at <http://www.phac-aspc.gc.ca/fluwatch/>.
- To find a free flu shot clinic near you, visit the Ministry of Health and Long-Term Care's "Find a Flu Shot Clinic" web page at <https://www.ontario.ca/health-and-wellness/get-flu-shot/>.

Appendix A

Summary of Community Influenza Surveillance Indicators for Middlesex-London December 23, 2014

Table 1: Summary of laboratory-based influenza activity indicators, Middlesex-London and Ontario, 2014-2015 influenza surveillance season

Indicator	Current Reporting Period	Number Reported: <i>Current Reporting Period</i>	Number Reported: <i>Year to Date (from September 1, 2014)</i>	Recent Trends
Laboratory-confirmed cases¹	Dec. 21-27	Influenza A – 8 cases Influenza B – 0 cases	Influenza A – 21 cases Influenza B – 0 cases	The eight laboratory-confirmed influenza cases reported during the current reporting period is higher compared to the previous week (Dec. 14-20), when four influenza A cases were reported.
Influenza sub-types¹	Dec. 21-27	Influenza A(H3) - 2 cases	Influenza A(H3) – 9 cases Typing pending – 4 cases	All influenza A strains subtyped to date have been influenza A(H3).
Hospitalizations¹	Dec. 21-27	3	7	Higher compared to the previous week (Dec.14-20) when one hospitalization was reported.
Deaths¹	Dec. 14-20	0	1	
Influenza outbreaks in long-term care homes/retirement homes/acute care	Dec. 14-20	Influenza A – 2 outbreaks Influenza B – 0 outbreak	Influenza A – 4 outbreaks Influenza B – 0 outbreaks	Higher compared to the previous week (Dec. 14-20) when no outbreaks were declared in facilities.
Percentage of samples that are positive for influenza (Ontario)²	Dec. 7-13	Influenza A – 16.1% positivity Influenza B – 0.2% positivity	N/A	Influenza A: Higher compared to 9.5% reported the previous week (Nov. 30-Dec. 6). Influenza B: Similar to 0.1% positivity reported the previous week (Nov. 30-Dec. 6).

Notes:

1 Numbers are subject to change week by week due to the retrospective nature of reporting.

2 Public Health Ontario, Ontario Respiratory Virus Bulletin 2014-2015

Table 2: Summary of community-based respiratory illness indicators, Middlesex-London, 2014-2015 influenza surveillance season

Indicator	Current Reporting Period	Number Reported: <i>Current Reporting Period</i>	Recent Trends
Hospital emergency room reports regarding the percentage of patients with fever and respiratory illness	Dec.21-27	Data not currently available	Data not currently available
Absence reports from elementary schools (i.e., absenteeism > 10%)	Dec. 21-27	No data available	No data available
Sentinel X-ray provider reports regarding newly identified bronchopneumonia cases	Dec. 21-27	Data not currently available	Data not currently available

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- London Health Sciences Centre
- London X-Ray Associates
- St. Joseph's Health Care London
- Thames Valley District School Board