

## **2014-2015 Community Influenza Surveillance Report Update of Current Status December 23, 2014**

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

### **Local Activity:**

Between December 14<sup>th</sup> and 20<sup>th</sup>, four laboratory-confirmed cases of influenza A, one of whom was hospitalized, were reported to the Health Unit. There were no deaths reported last week.

Since September 1<sup>st</sup>, 2014, a total of thirteen laboratory-confirmed influenza A cases have been reported, four of whom have been hospitalized, and one of whom has died.

No laboratory-confirmed influenza outbreaks were declared last week. Since September 1<sup>st</sup>, 2014, two 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
<b>Laboratory-confirmed cases<sup>1</sup></b>	Dec. 14-20	Influenza A – 4 cases Influenza B – 0 cases	Influenza A – 13 cases Influenza B – 0 cases	The four laboratory-confirmed influenza cases reported during the current reporting period is <b>higher</b> compared to the previous week (Dec. 7-13), when two influenza A cases were reported.
<b>Influenza sub-types<sup>1</sup></b>	Dec. 14-20	Influenza A(H3) - 2 case	Influenza A(H3) – 9 cases Typing pending – 4 cases	All influenza A strains subtyped to date have been influenza A(H3).
<b>Hospitalizations<sup>1</sup></b>	Dec. 14-20	1	4	<b>Same</b> compared to the previous week (Dec.7-13) when one hospitalization was reported.
<b>Deaths<sup>1</sup></b>	Dec. 14-20	0	1	
<b>Influenza outbreaks in long-term care homes/retirement homes/acute care</b>	Dec. 14-20	Influenza A – 0 outbreak Influenza B – 0 outbreak	Influenza A – 2 outbreaks Influenza B – 0 outbreaks	<b>Same</b> compared to the previous week (Dec. 7-13) when no outbreaks were declared in facilities.
<b>Percentage of samples that are positive for influenza (Ontario)<sup>2</sup></b>	Dec. 7-13	Influenza A – 16.1% positivity Influenza B – 0.2% positivity	N/A	Influenza A: <b>Higher</b> compared to 9.5% reported the previous week (Nov. 30-Dec. 6). Influenza B: <b>Similar</b> 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
<b>Hospital emergency room reports regarding the percentage of patients with fever and respiratory illness</b>	Dec.14-20	Data not currently available	Data not currently available
<b>Absence reports from elementary schools (i.e., absenteeism &gt; 10%)</b>	Dec. 15-19	Data not currently available	Data not currently available
<b>Sentinel X-ray provider reports regarding newly identified bronchopneumonia cases</b>	Dec. 15-20	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