WINDSOR-ESSEX COUNTY HEALTH UNIT
Bureau de santé de Windsor-comté d'Essex

INFLUENZA BULLETIN 2016-17

Surveillance Week 20 (May 14th to May 20th, 2017)

Data presented are for Week 20 and was extracted on May 25th, 2017

Table 1. Assessment of Influenza activity in Windsor-Essex County for Week 20

Measure of activity	Assessment compared to previous week (Lower, Similar, Higher)	Reasoning behind assessment
Laboratory-confirmed influenza cases	Similar	No laboratory-confirmed influenza cases reported
Influenza outbreaks	Similar	No new influenza outbreaks reported in Week 20
Influenza activity levels	Similar	No ongoing Influenza outbreak as of May 20th
ILI & Respiratory ED Visits	Similar	13.3% increase in ILI & Resp. Syndrome visits from last week
OVERALL ASSESSMENT	Similar	

Table 2. Number of laboratory confirmed influenza cases reported in Windsor-Essex County: Week 20 & 2016-17+

Windsor-Essex County	Influenza A n (avg)	Influenza B n (avg)	*ALL TYPES* n (avg)
Week 20	0 (0)	0 (2)	0 (2)
SEASON-TO-DATE*	***146 (122)***	***18 (53)***	***164 (175)***

+Average of past-five seasons (2011-12 to 2015-16) reported in brackets

Table 3. Respiratory infection outbreaks in institutions: Week 20 and Total for the 2016-2017 Influenza season

Aetiologic Agent/Organism	Week 20 outbreak count (%)	2016-2017 season outbreak total (%)*
Influenza A+	0	18 (38.3%)
Influenza B	0	1 (2.1%)
Influenza A and B	0	0
Entero/rhinovirus	0	3 (6.4%)
Parainfluenza (all types)	0	2 (4.3%)
Respiratory syncytial virus (RSV)	0	7 (14.9%)
Combined outbreaks (more than one non-influenza organism)	0	4 (8.5%)
Other organisms (i.e. metapneumovirus, adenovirus, and coronavirus)	0	11 (23.4%)
No organism identified	0	1 (2.1%)
TOTAL	***0***	***47***

*Cumulative total only includes outbreaks with an index case onset date on or after Week 36. There was one outbreak of entero/rhino virus with an index case onset date in Week 35 that was declared over in Week 40. This outbreak was not included in the season total.

+Includes combined outbreaks of Influenza and other microorganisms

Figure 1. Syndromic surveillance emergency department visits by Windsor-Essex County residents for the 2016-2017 season