

Table 1. Assessment of Influenza activity in Windsor-Essex County for Week 17

Measure of activity	Assessment compared to previous week (Lower, Similar, Higher)	Reasoning behind assessment
Laboratory-confirmed influenza cases	Lower	No laboratory-confirmed influenza case reported
Influenza outbreaks	Lower	No new influenza outbreaks reported in Week 17
Influenza activity levels	Similar	One ongoing Influenza outbreak as of April 29 th
ILI & Respiratory ED Visits	Lower	20.1% decrease in ILI & Resp. ED visits from previous week
OVERALL ASSESSMENT	Lower	

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

Windsor-Essex County	Influenza A n (avg)	Influenza B n (avg)	ALL TYPES n (avg)
Week 17	0 (1)	0 (3)	0 (4)
SEASON-TO-DATE*	145 (121)	17 (47)	162 (168)

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

Table 3. Respiratory infection outbreaks in institutions: Week 17 and Total for the 2016-2017 Influenza season

Aetiologic Agent/Organism	Week 17 outbreak count (%)	2016-2017 season outbreak total (%)*
Influenza A [†]	0	18 (40.0%)
Influenza B	0	1 (2.2%)
Influenza A and B	0	0
Enterovirus/rhinovirus	0	1 (2.2%)
Parainfluenza (all types)	1 (50.0%)	3 (6.7%)
Respiratory syncytial virus (RSV)	0	6 (13.3%)
Combined outbreaks (more than one non-influenza organism)	1 (50.0%)	4 (8.9%)
Other organisms (i.e. metapneumovirus, adenovirus, and coronavirus)	0	11 (24.4%)
No organism identified	0	1 (2.2%)
TOTAL	2	45

*Cumulative total only includes outbreaks with an index case onset date on or after Week 36. There was one outbreak of enterovirus/rhinovirus 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

