

Table 1. Assessment of Influenza activity in Windsor-Essex County for Week 16

Measure of activity	Assessment compared to previous week (Lower, Similar, Higher)	Reasoning behind assessment
Laboratory-confirmed influenza cases	Higher	One laboratory-confirmed sporadic influenza case
Influenza outbreaks	Similar	No new influenza outbreaks reported in Week 16
Influenza activity levels	Similar	No ongoing influenza outbreaks as of April 22 nd
ILI & Respiratory ED Visits	Similar	9.9% decrease in ILI & Resp. ED visits from previous week
OVERALL ASSESSMENT	Similar	

Table 2. Number of laboratory confirmed influenza cases reported in Windsor-Essex County: Week 16 & 2016-17*

Windsor-Essex County	Influenza A n (avg)	Influenza B n (avg)	ALL TYPES n (avg)
Week 16	1 (2)	0 (4)	1 (5)
SEASON-TO-DATE*	145 (120)	17 (44)	162 (164)

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

Table 3. Respiratory infection outbreaks in institutions: Week 16 and Total for the 2016-2017 Influenza season

Aetiologic Agent/Organism	Week 16 outbreak count (%)	2016-2017 season outbreak total (%)*
Influenza A ⁺	0	17 (39.5%)
Influenza B	0	1 (2.3%)
Influenza A and B	0	0
Enterovirus/rhinovirus	0	1 (2.3%)
Parainfluenza (all types)	0	2 (4.7%)
Respiratory syncytial virus (RSV)	0	6 (14.0%)
Combined outbreaks (more than one non-influenza organism)	0	3 (7.0%)
Other organisms (i.e. metapneumovirus, adenovirus, and coronavirus)	0	11 (25.6%)
No organism identified	1 (100.0%)	2 (4.7%)
TOTAL	1	43

*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

