Table 1. Assessment of Influenza activity in Windsor-Essex County for Week 7

Measure of activity	Assessment compared to previous week (Lower, Similar, Higher)	Reasoning behind assessment
Laboratory-confirmed influenza cases	Similar	6 sporadic cases reported in Week 7
Influenza outbreaks	Similar	No new Influenza outbreaks reported in Week 7
Influenza activity levels	Similar	One ongoing outbreak as of Feb 18th.
ILI & Respiratory ED Visits	Similar	7.5% decrease in ILI & Resp. Syndrome visits from previous week
OVERALL ASSESSMENT	Similar	Fewer cases, no new influenza outbreaks, and one ongoing influenza outbreak as of Feb 18h.

Table 2. Number of laboratory confirmed influenza cases reported in Windsor-Essex County: Week 7 & 2016-17[+]

Windsor-Essex County	Influenza A n (avg)	Influenza B n (avg)	*ALL TYPES* n (avg)
Week 7	6 (2)	0 (1)	6 (3)
*2016/17 SEASON-TO-DATE**	*89 (96)*	*1 (4)*	*90 (99)*

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

Table 3. Respiratory infection outbreaks in institutions: Week 7 and Total for the 2016-2017 Influenza season

Aetiologic Agent/Organism	Week 7 outbreak count (%)	2016-2017 season outbreak total (%)*
Influenza A[+]	0	13 (40.6%)
Influenza B	0	0
Influenza A and B	0	0
Entero/rhinovirus	0	1 (3.1%)
Parainfluenza (all types)	0	2 (6.3%)
Respiratory syncytial virus (RSV)	1 (100%)	3 (9.4%)
Combined outbreaks (more than one non-influenza organism)	0	2 (6.3%)
Other organisms (i.e. metapneumovirus, adenovirus, and coronavirus)	0	10 (31.3%)
No organism identified	0	1 (3.1%)
TOTAL	*1*	*32*

*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