



BOSTON PUBLIC HEALTH COMMISSION (BPHC)

Communicable Disease Control Division
 1010 Massachusetts Ave - Boston, MA 02118
 Phone: (617) 534-5611 - Fax: (617) 534-5905

Boston Influenza Report For the Week Ending 11/17/2018

9/30/2018-11/17/2018 (Week 46)

Reported Cases (Boston Residents)	# (% of total)
Influenza A	35 (85%)
Influenza B	6 (15%)
Influenza A and B	0
Influenza (type unspecified)	0
TOTAL (season-to-date)	41

Summary: As of 11/17/2018, 41 cases of laboratory-confirmed influenza were reported to the Boston Public Health Commission (BPHC) since 9/30/2018, with six (15%) cases requiring hospitalization. No influenza-associated deaths have been reported to date. Emergency department visits for influenza-like illness (ILI) comprised 0.90% of all ED visits this week.

Providers should continue to offer vaccine through the remainder of the season.

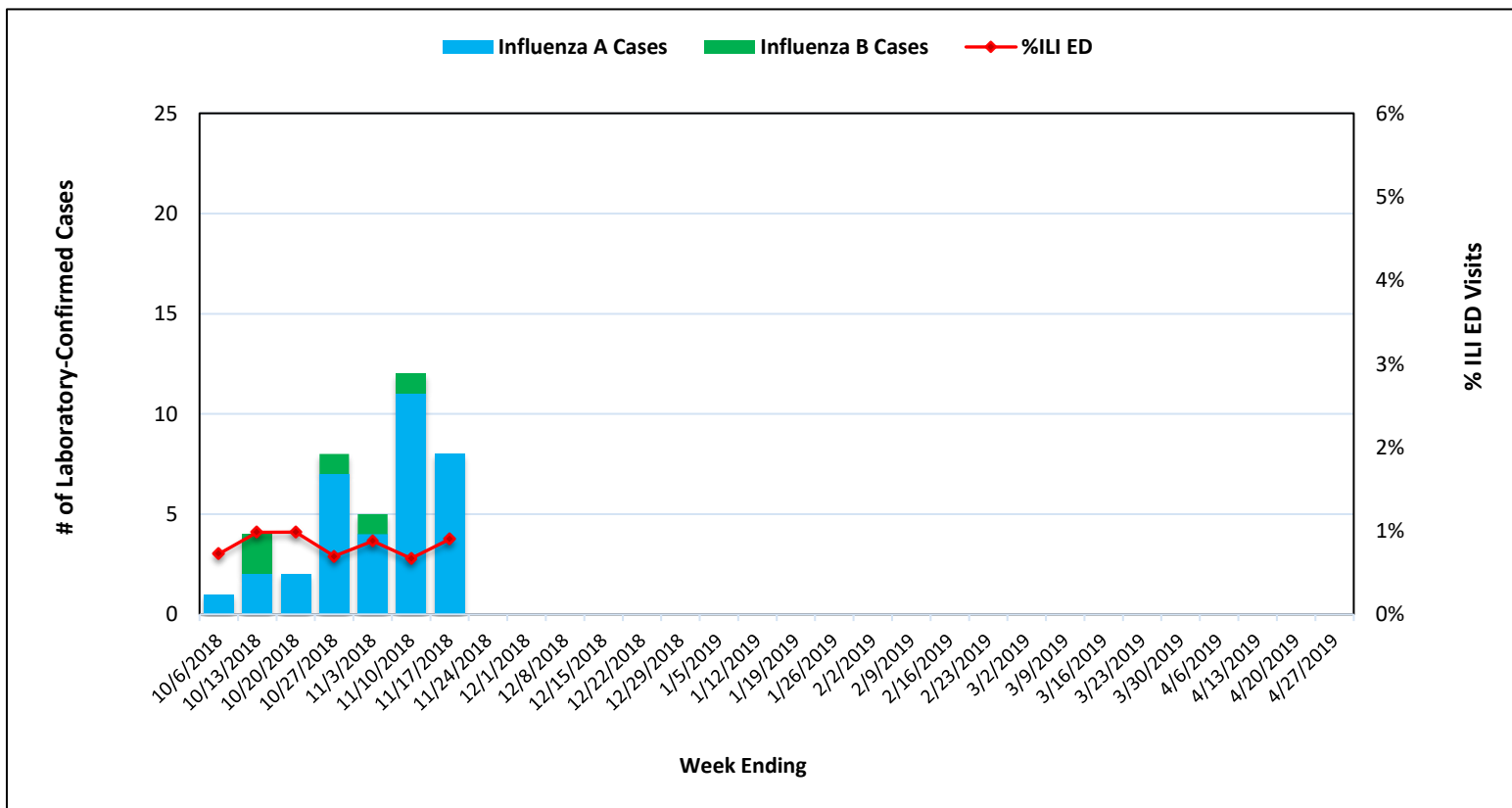
Cases of influenza diagnosed in Boston and confirmed by any laboratory test must be reported to BPHC by calling (617) 534-5611 or faxing reports to (617) 534-5905.

Boston ED ILI Surveillance*	
This Week ILI% (Week 46)	0.90%
Last Week ILI% (Week 45)	0.67%
State/National ILI Surveillance**	
This Week Massachusetts ILI% (Week 46)	1.25%
This Week National ILI% (Week 46)	1.92%

*Influenza-like illness (ILI) is defined as "flu" OR "fever AND (cough OR sore throat)" in ED chief complaint captured by BPHC Syndromic Surveillance System

**Massachusetts and CDC use a different methodology than the City of Boston to calculate ILI%. State and National ILI data are calculated using ILInet outpatient surveillance data from sentinel sites (see: <https://www.cdc.gov/flu/weekly/overview.htm> for more information).

Weekly Reported Influenza Cases (in Boston Residents) and % ILI ED Visits, 2018-2019 Season



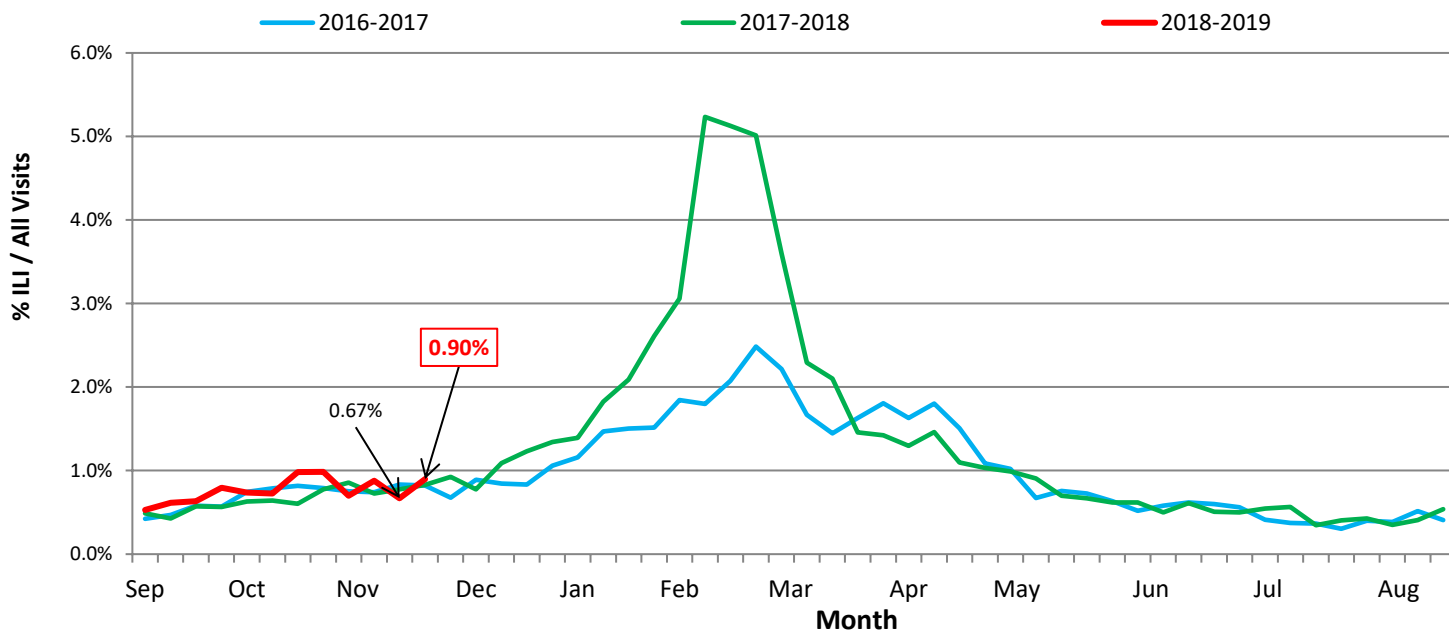


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Current Season and Historical Data

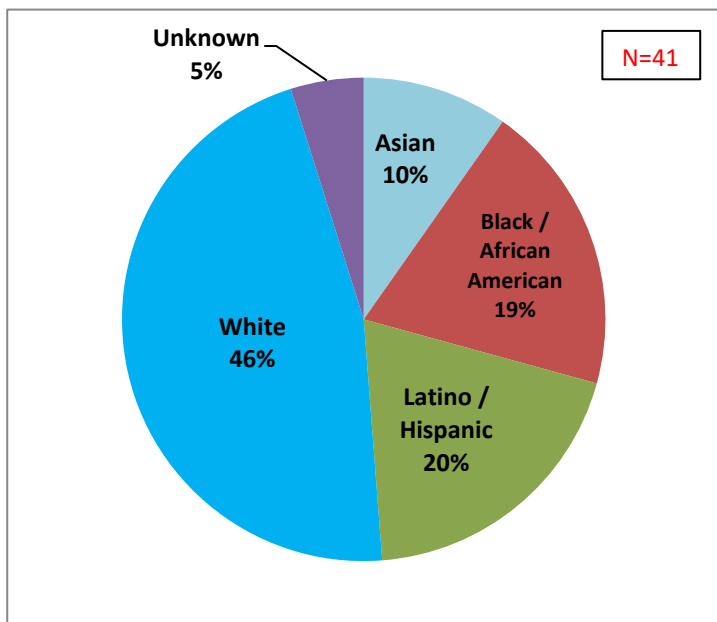
Weekly % ILI ED Visits, 2016-2019



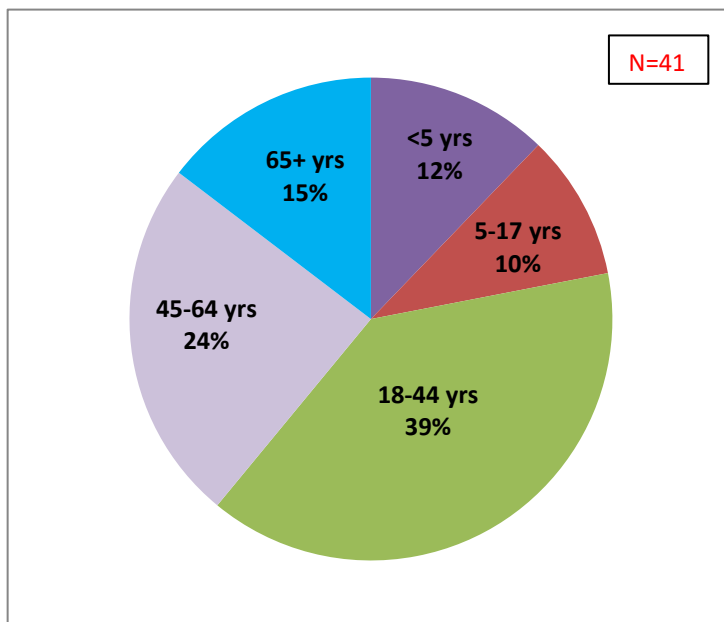
Weekly ILI ED visits are shown from 2016-2017 season to present. For the week ending 11/17/2018, ILI accounted for 0.90% of ED visits, an increase of 0.23% from the prior week.

Race/Ethnicity and Age Distribution

Race/Ethnicity of Confirmed Influenza Cases, Boston Residents
 September 30, 2018 - November 17, 2018

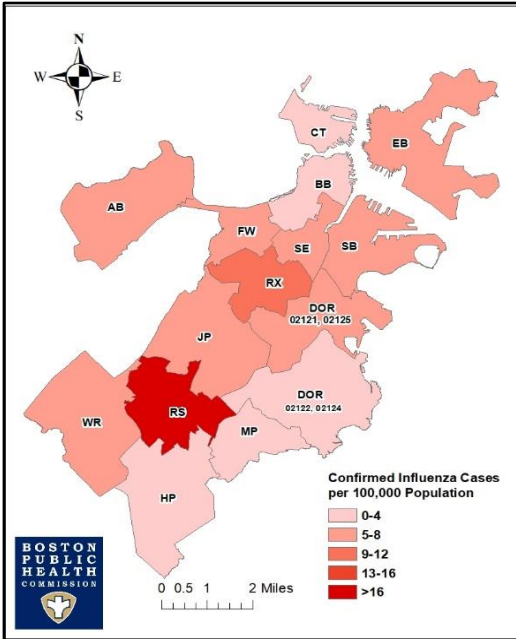


Age Distribution of Confirmed Influenza Cases, Boston Residents
 September 30, 2018 - November 17, 2018



Geographic Distribution

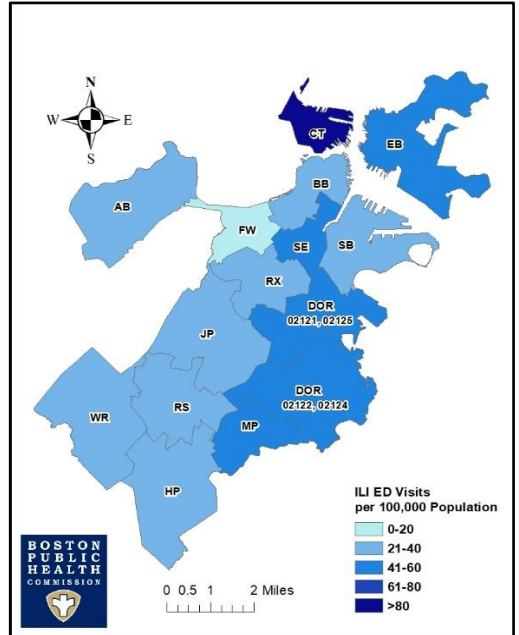
Rate of Confirmed Influenza Cases by Neighborhood per 100,000 Population September 30, 2018 - November 17, 2018



Neighborhood Legend

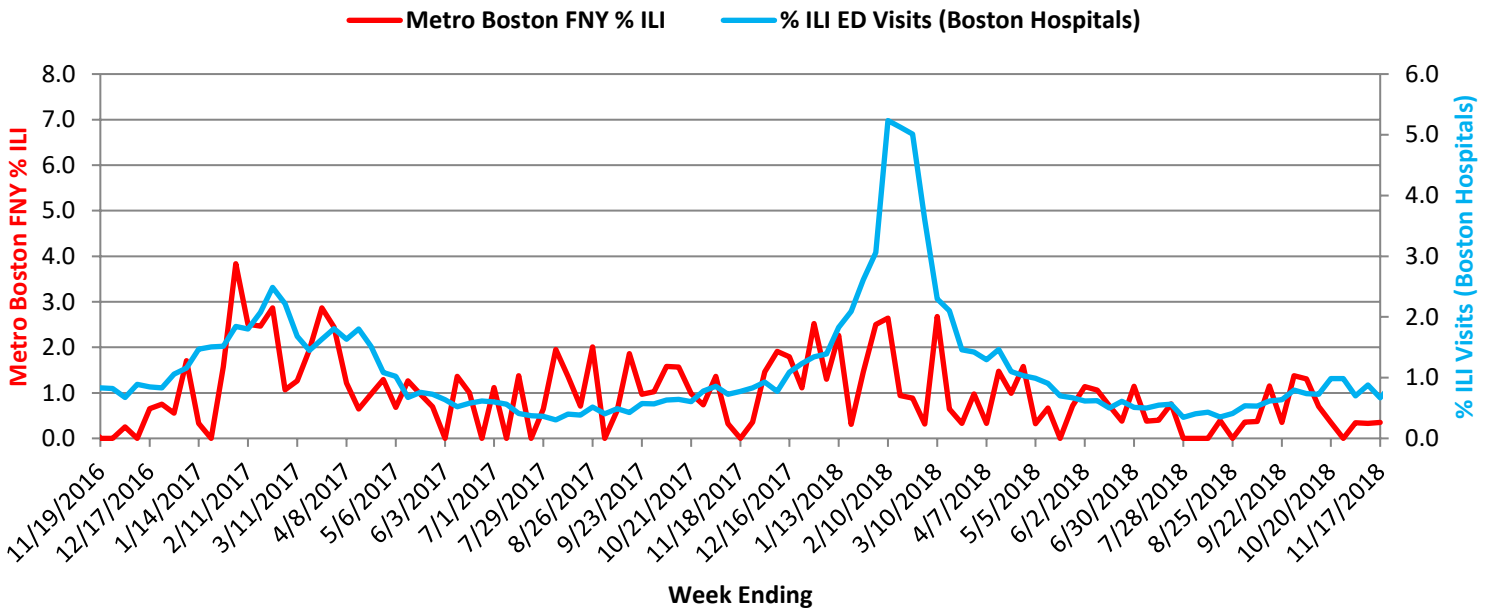
- A/B=Allston/Brighton
- BB=Back Bay
- CH=Charlestown
- EB=East Boston
- DOR=Dorchester
- FW=Fenway
- HP=Hyde Park
- JP=Jamaica Plain
- MT=Mattapan
- RS=Roslindale
- RX=Roxbury
- SB=South Boston
- SE=South End
- WR=West Roxbury

Rate of ILI Syndrome ED Visits by Neighborhood per 100,000 Population September 30, 2018 - November 17, 2018



Comparison of ILI Using *Flu Near You (FNY) ILI Data and ED Visits for ILI, 2016-2018**

Comparison of Flu Near You (FNY) ILI Data and ED Visits for ILI (2016-2018)



**Flu Near You (FNY)* compiles weekly data of ILI activity in the United States. The data come from short, weekly internet-based surveys completed by voluntary participants who indicate whether they are healthy or have experienced any of a short list of symptoms.

The public may participate by enrolling in FNY at: <https://flunearyou.org/>