



# BOSTON PUBLIC HEALTH COMMISSION (BPHC)

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

## Influenza Report - For the week ending 4/29/2017

10/1/2016 -4/29/2017

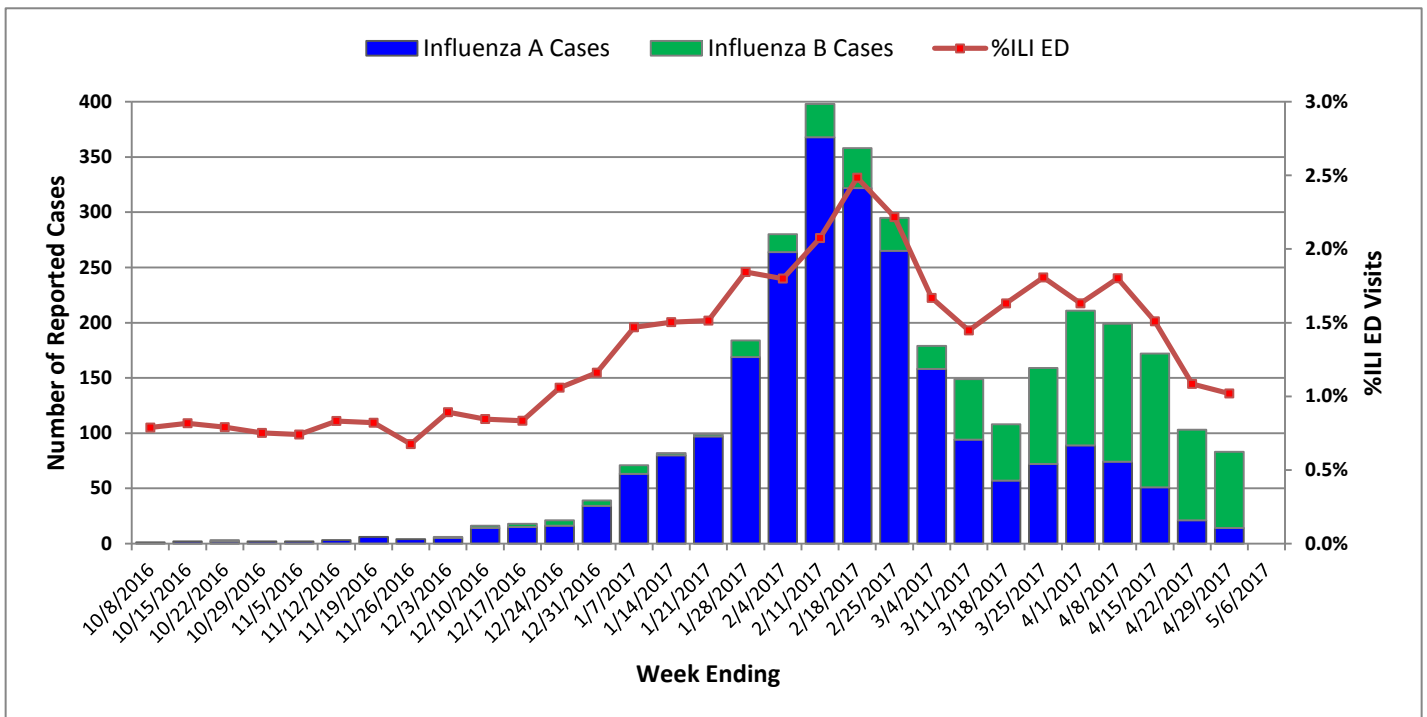
Reported Cases (Boston Res.)	#
Influenza A	2364
Influenza B	889
Influenza A and B	12
Influenza ( <i>type unspecified</i> )	2
<b>Total</b>	<b>3267</b>

**Summary:** As of 4/29/2017, 3267 cases of laboratory-confirmed influenza were reported to the Boston Public Health Commission (BPHC) since 10/1/2016, with 601 (18%) cases requiring hospitalization. Eleven influenza-associated deaths have been reported to date. Emergency department visits for influenza-like illness (ILI) comprised 1.02% of all ED visits this week.

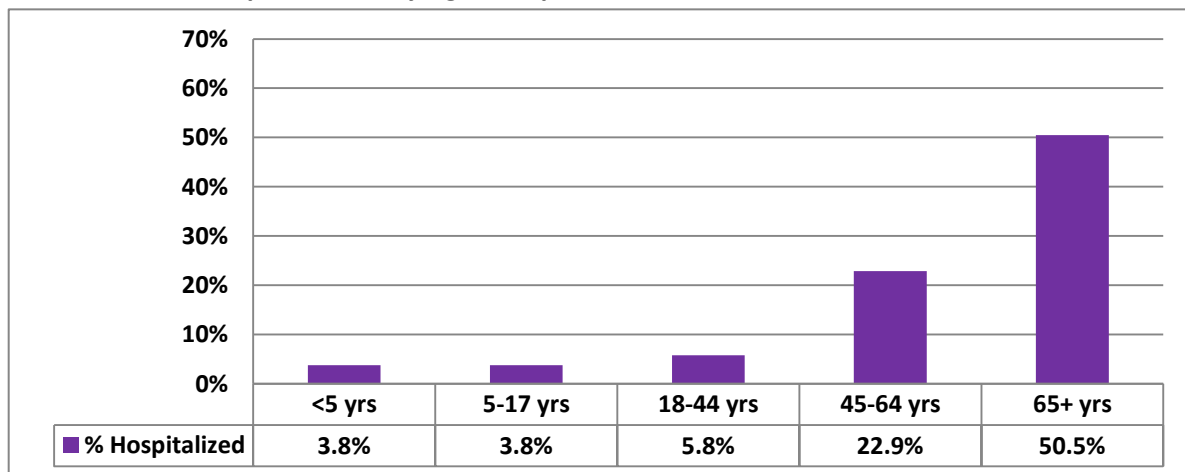
ED Surveillance	
This Week % ILI	1.02%
Average % ILI (since 10/1/2016)	1.32%

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

Weekly Reported Influenza Cases and % ILI ED Visits, 2016-17 Season



Percent Hospitalization by Age Group, Boston Residents, 10/1/2016 - 4/29/2017

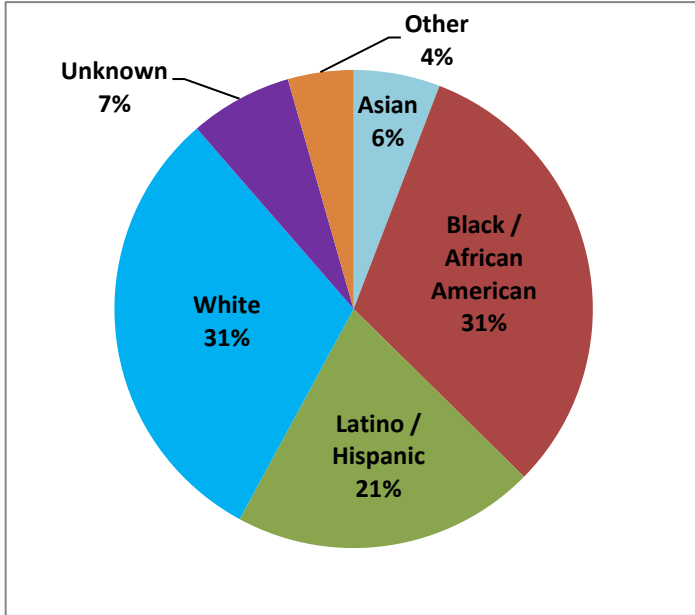




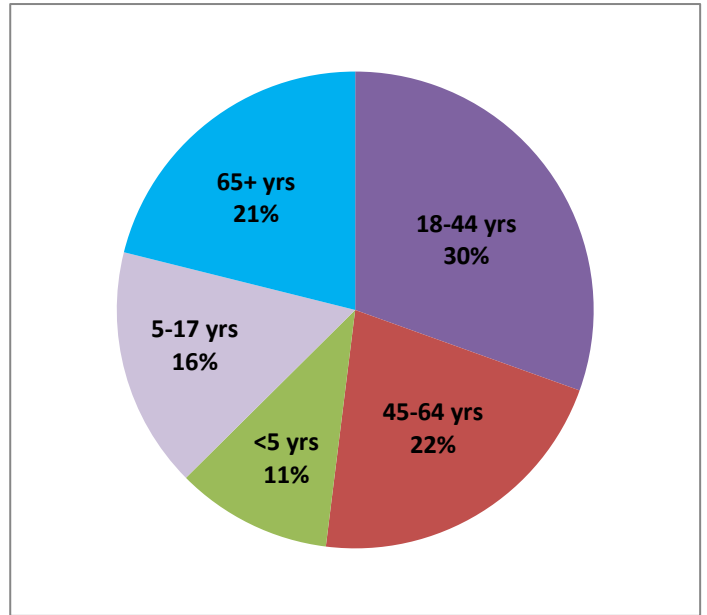
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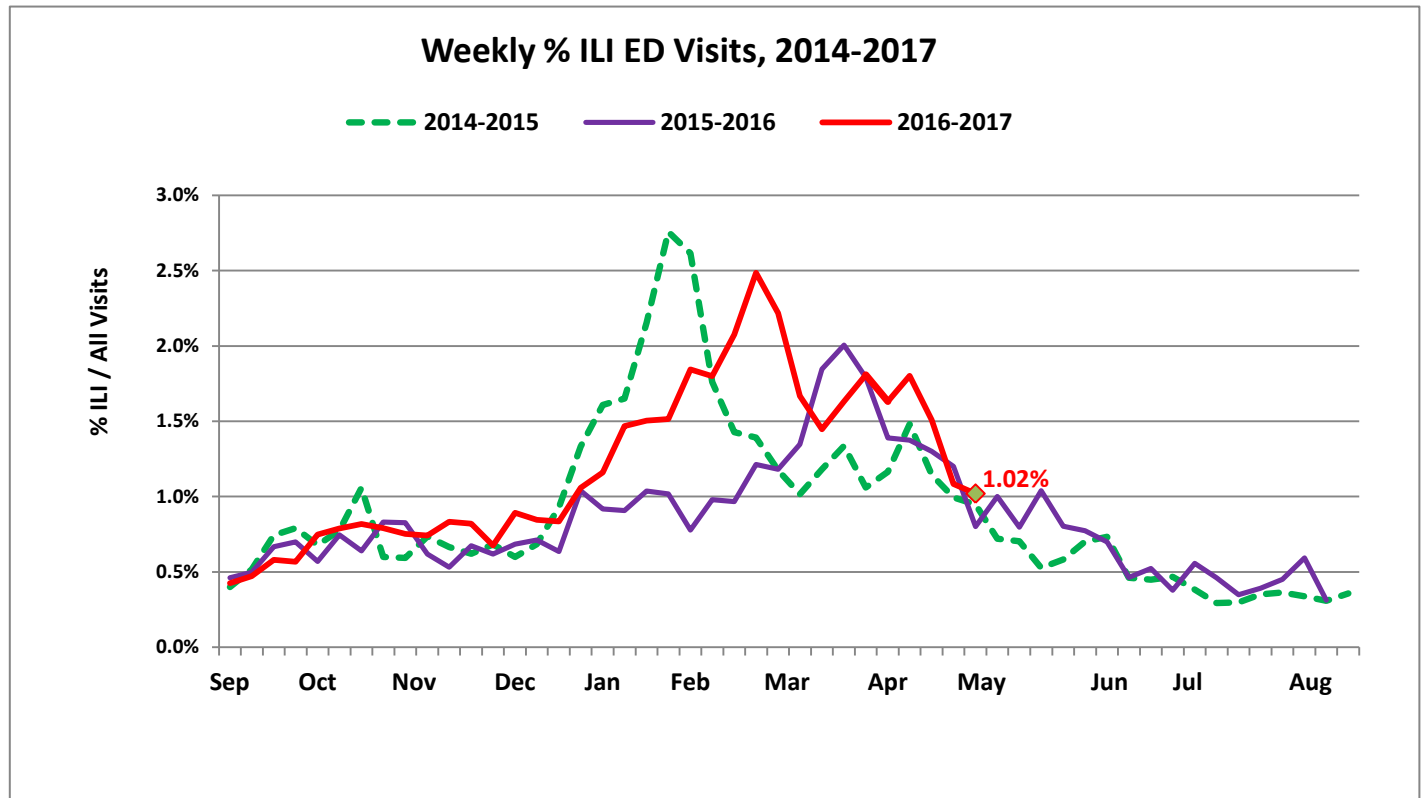
Race/Ethnicity of Confirmed Influenza Cases,  
 10/1/2016 - 4/29/2017, Boston Residents



Age Distribution of Confirmed Influenza Cases,  
 10/1/2016 - 4/29/2017, Boston Residents



Weekly % ILI ED Visits, 2014-2017



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

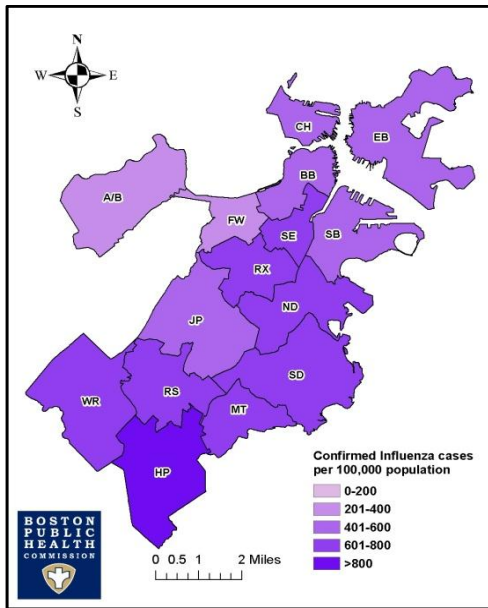


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## Geographic Distribution

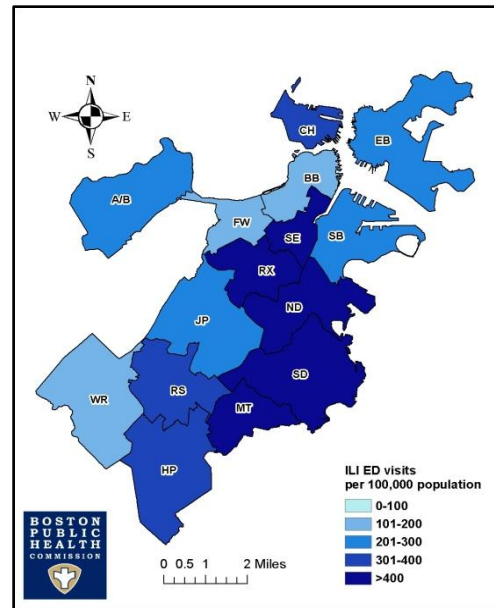
**Rate of Confirmed Influenza Cases  
by Neighborhood per 100,000 Population  
October 1, 2016 - April 29, 2017**



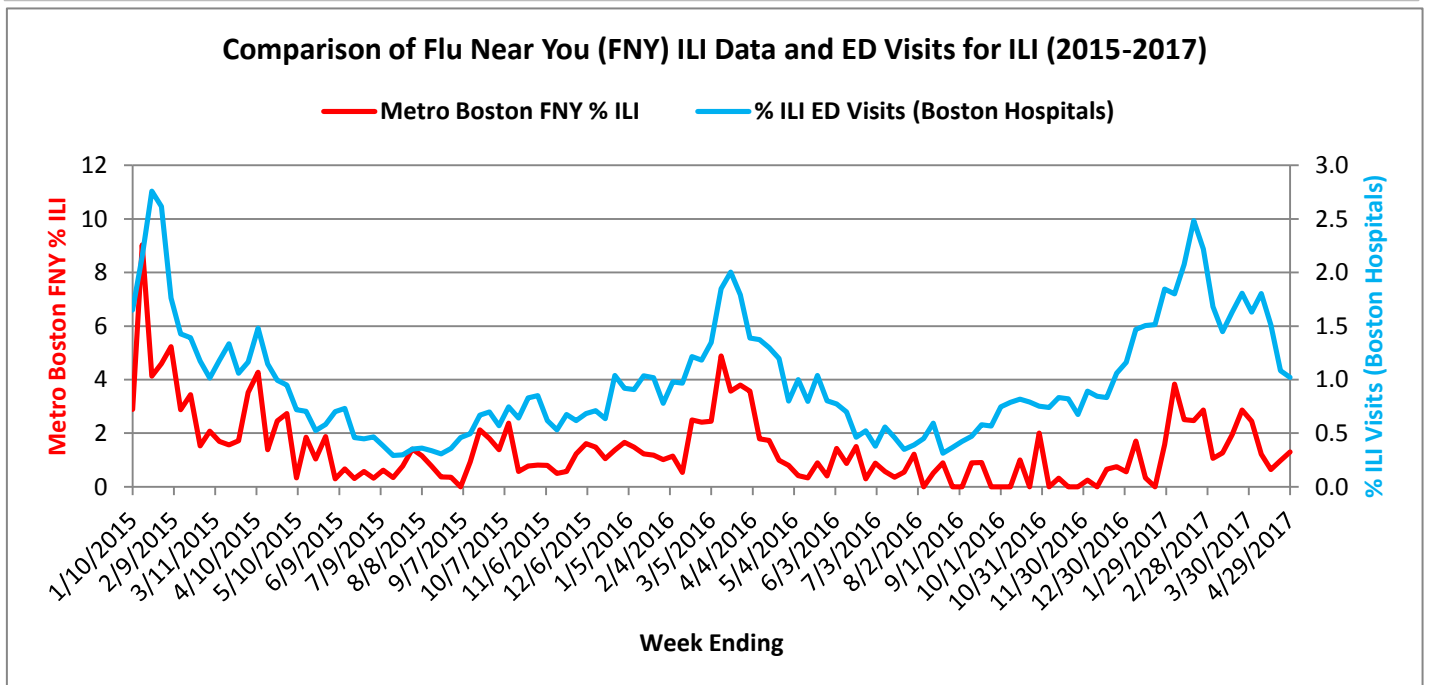
**Neighborhood Legend**

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

**Rate of ILI Syndrome ED Visits  
by Neighborhood per 100,000 Population  
October 1, 2016 - April 29, 2017**



## Comparison of ILI Using *Flu Near You (FNY)\** ILI Data and ED Visits for ILI, 2014-2017



\**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/>