Summary: As of 4/22/2017, 3179 cases of laboratory-confirmed influenza were reported to the Boston Public Health Commission (BPHC) since 10/1/2016, with 582 (18%) cases requiring hospitalization. Eleven influenza-associated deaths have been reported to date. Emergency department visits for influenza-like illness (ILI) comprised 1.08% of all ED visits this week.

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.

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

Percent Hospitalization by Age Group, Boston Residents, 10/1/2016 - 4/22/2017
Race/Ethnicity of Confirmed Influenza Cases, 10/1/2016 - 4/22/2017, Boston Residents

- White: 31%
- Asian: 6%
- Black/African American: 31%
- Latino/Hispanic: 21%
- Unknown: 7%
- Other: 4%

Age Distribution of Confirmed Influenza Cases, 10/1/2016 - 4/22/2017, Boston Residents

- 18-44 yrs: 30%
- 45-64 yrs: 22%
- 5-17 yrs: 16%
- <5 yrs: 11%
- 65+ yrs: 21%
- Unknown: 7%
- Other: 4%

Weekly % ILI ED Visits, 2014-2017

- 2014-2015
- 2015-2016
- 2016-2017

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.
Geographic Distribution

Rate of Confirmed Influenza Cases by Neighborhood per 100,000 Population
October 1, 2016 - April 22, 2017

Rate of ILI Syndrome ED Visits by Neighborhood per 100,000 Population
October 1, 2016 - April 22, 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

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

Comparison of Flu Near You (FNY) ILI Data and ED Visits for ILI (2015-2017)

*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/