Influenza Report - For the week ending 4/8/2017

10/1/2016 - 4/8/2017

<table>
<thead>
<tr>
<th>Reported Cases (Boston Res.)</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza A</td>
<td>2270</td>
</tr>
<tr>
<td>Influenza B</td>
<td>604</td>
</tr>
<tr>
<td>Influenza A and B</td>
<td>10</td>
</tr>
<tr>
<td>Influenza (type unspecified)</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>2886</td>
</tr>
</tbody>
</table>

Summary: As of 4/8/2017, 2886 cases of laboratory-confirmed influenza were reported to the Boston Public Health Commission (BPHC) since 10/1/2016, with 527 (18%) cases requiring hospitalization. Ten influenza-associated deaths have been reported to date. Emergency department visits for influenza-like illness (ILI) comprised 1.80% of all ED visits this week.

Antigenic characterization of predominant nationally circulating influenza viruses indicates that the components of 2016-7 seasonal vaccine are very well matched to circulating strains. **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.

Weekly Reported Influenza Cases and % ILI ED Visits, 2016-17 Season
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 8, 2017

**Rate of ILI Syndrome ED Visits by Neighborhood per 100,000 Population**

October 1, 2016 - April 8, 2017

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**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

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**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.