**Summary:** As of 2/7/2015, 1147 cases of confirmed influenza were reported to the Boston Public Health Commission (BPHC), with 247 (21.5%) cases requiring hospitalization. Six influenza-associated deaths have been reported. Emergency department visits for influenza-like illness (ILI) comprised 1.76% of all ED visits this week.

Although influenza activity is declining, it remains widespread in the city. BPHC reminds everyone who has not received the influenza vaccine that it is not too late to be vaccinated. Influenza vaccine is still widely available.

*Cases of influenza diagnosed in Boston and confirmed by any laboratory test must be reported to BPHC.*

**Influenza Report - For the week ending 2/7/2015**

<table>
<thead>
<tr>
<th>Reported Cases (Boston Res.)</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza A</td>
<td>1106</td>
</tr>
<tr>
<td>Influenza B</td>
<td>35</td>
</tr>
<tr>
<td>Influenza A and B</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>1147</td>
</tr>
</tbody>
</table>

**ED Surveillance**

- This Week % ILI: 1.76%
- Average % ILI (since 10/1/2014): 1.21%

**Hospitalization Rates by Age Group, Boston Residents, 10/1/2014 - 2/7/2015**

- 0% - 70%
- <5 yrs: 8.6%
- 5-17 yrs: 14.2%
- 18-44 yrs: 8.6%
- 45-64 yrs: 22.0%
- 65+ yrs: 48.5%

**CDC Health Update Regarding Treatment of Patients with Influenza with Antiviral Medications**

This CDC Health Update was issued on 1/9/2015:

1) to remind clinicians that influenza should be high on their list of possible diagnoses for ill patients, because influenza activity is elevated nationwide, and

2) to advise clinicians that all hospitalized patients and all high-risk patients (hospitalized or outpatient) with suspected influenza should be treated as soon as possible with an influenza antiviral medication. Clinicians should not wait for confirmatory influenza testing. Antivirals work best when given early, but therapeutic benefit has been observed even when treatment is initiated later.

**Reported Influenza Cases and % ILI ED Visits, 2014-15**

- **Influenza A Cases**
- **Influenza B Cases**
- **Influenza A & B**
- **%ILI ED**

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**Graphs and Tables:**

- Summary table of reported cases.
- ED surveillance data.
- Hospitalization rates by age group.
- CDC Health Update.
- Graph showing influenza cases and ILI ED visits.
Cases of influenza diagnosed in Boston and confirmed by any laboratory test must be reported to BPHC. 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.
Rate of Confirmed Influenza Cases by Neighborhood per 100,000 Population
October 1, 2014 - February 7, 2015

Rate of ILI Syndrome ED Visits by Neighborhood per 100,000 Population
October 1, 2014 - February 7, 2015