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 3/19/2016

10/1/2015 - 3/19/2016

<table>
<thead>
<tr>
<th>Reported Cases (Boston Res.)</th>
<th>#</th>
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<tbody>
<tr>
<td>Influenza A</td>
<td>896</td>
</tr>
<tr>
<td>Influenza B</td>
<td>119</td>
</tr>
<tr>
<td>Influenza A and B</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1018</strong></td>
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ED Surveillance

<table>
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<tr>
<th>This Week % ILI</th>
<th>2.00%</th>
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<tbody>
<tr>
<td>Average % ILI (since 10/1/2015)</td>
<td>0.90%</td>
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Summary: As of 3/19/2016, 1018 cases of laboratory-confirmed influenza were reported to the Boston Public Health Commission (BPHC) since 10/1/2015, with one hundred eighty-eight (18%) cases requiring hospitalization. Two influenza-associated deaths have been reported. Emergency department visits for influenza-like illness (ILI) comprised 2.00% of all ED visits this week.

Influenza activity in Boston has been increasing over the past several weeks. BPHC reminds everyone to continue to offer vaccine to patients given that influenza activity continues to increase and has yet to peak. The influenza vaccine remains the best available tool for preventing illness.

Cases of influenza diagnosed in Boston and confirmed by any laboratory test must be reported to BPHC by calling (617) 534-5611 or faxing Influenza Report - For the week ending 3/19/2016

Weekly Reported Influenza Cases and % ILI ED Visits, 2015-16 Season

The CDC has received reports of severe illness in some influenza cases. H1N1 viruses have predominated nationally in recent weeks, although H3N2 and influenza B viruses continue to co-circulate. The CDC is encouraging early treatment of those with influenza symptoms, especially hospitalized patients and patients with severe illness. Early antiviral treatment can reduce morbidity and mortality. For additional information and guidance, please click the following link: http://emergency.cdc.gov/han/han00387.asp
Race/Ethnicity of Confirmed Influenza Cases, 10/1/2015 - 3/19/2016, Boston Residents

Age Distribution of Confirmed Influenza Cases, 10/1/2015 - 3/19/2016, Boston Residents

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, 2015 - March 19, 2016

Rate of ILI Syndrome ED Visits by Neighborhood per 100,000 Population
October 1, 2015 - March 19, 2016

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, 2013-2016

Comparison of Flu Near You (FNY) ILI Data and ED Visits for ILI (2013-2016)

*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/