



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 3/12/2016

10/1/2015 - 3/12/2016

Reported Cases (Boston Res.)	#
Influenza A	679
Influenza B	92
Influenza A and B	1
Total	772

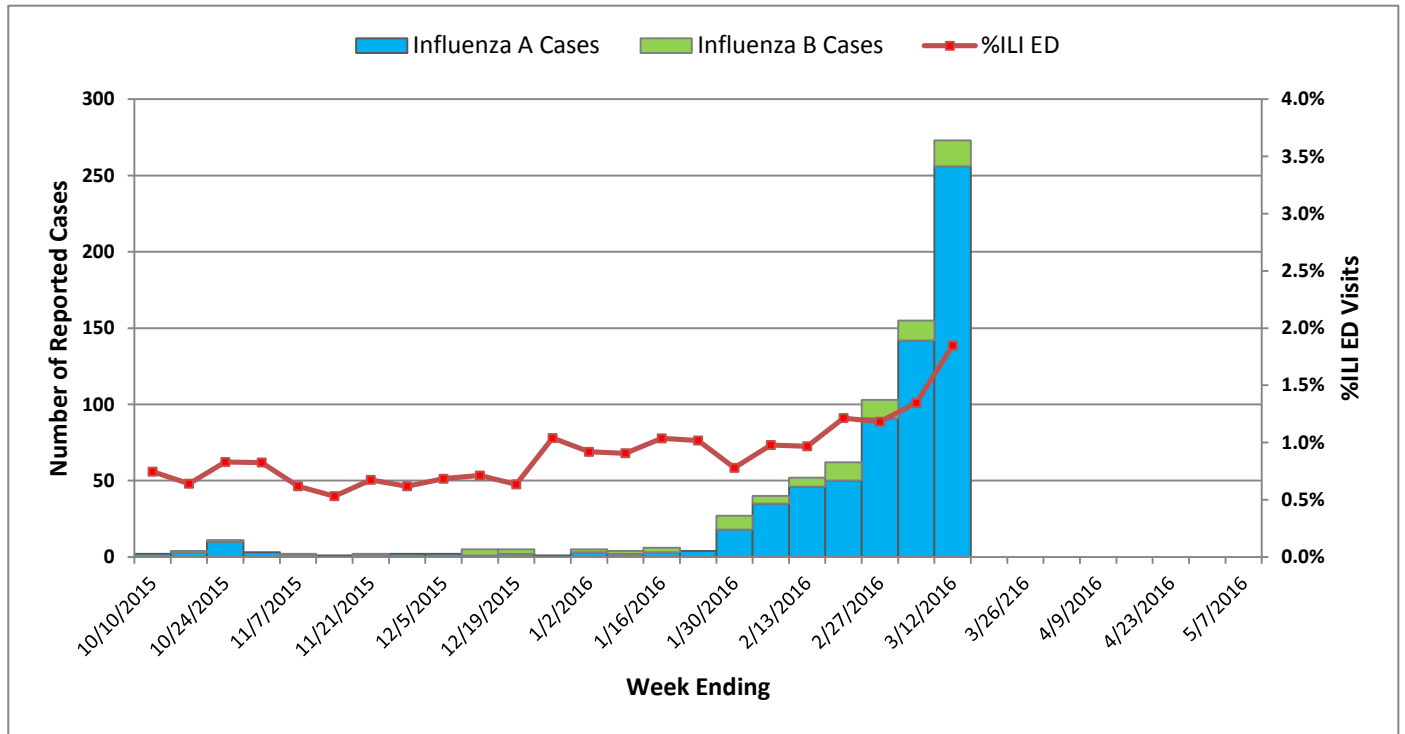
ED Surveillance	
This Week % ILI	1.85%
Average % ILI (since 10/1/2015)	0.90%

Summary: As of 3/12/2016, 772 cases of laboratory-confirmed influenza were reported to the Boston Public Health Commission (BPHC) since 10/1/2015, with one hundred forty-one (18%) cases requiring hospitalization. Two influenza-associated deaths have been reported. Emergency department visits for influenza-like illness (ILI) comprised 1.85% of all ED visits this week.

Influenza activity in Boston has been increasing steadily 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

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>

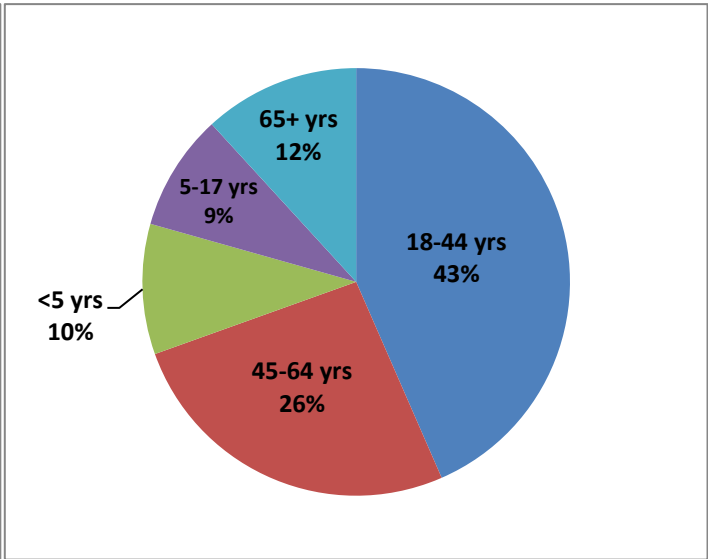
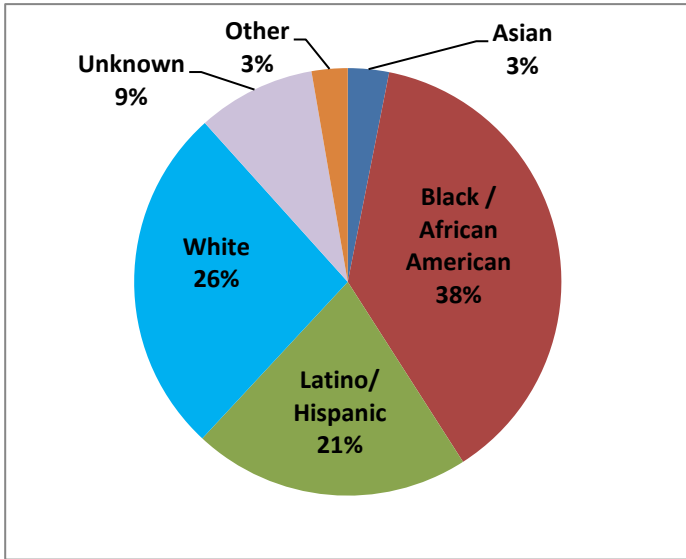


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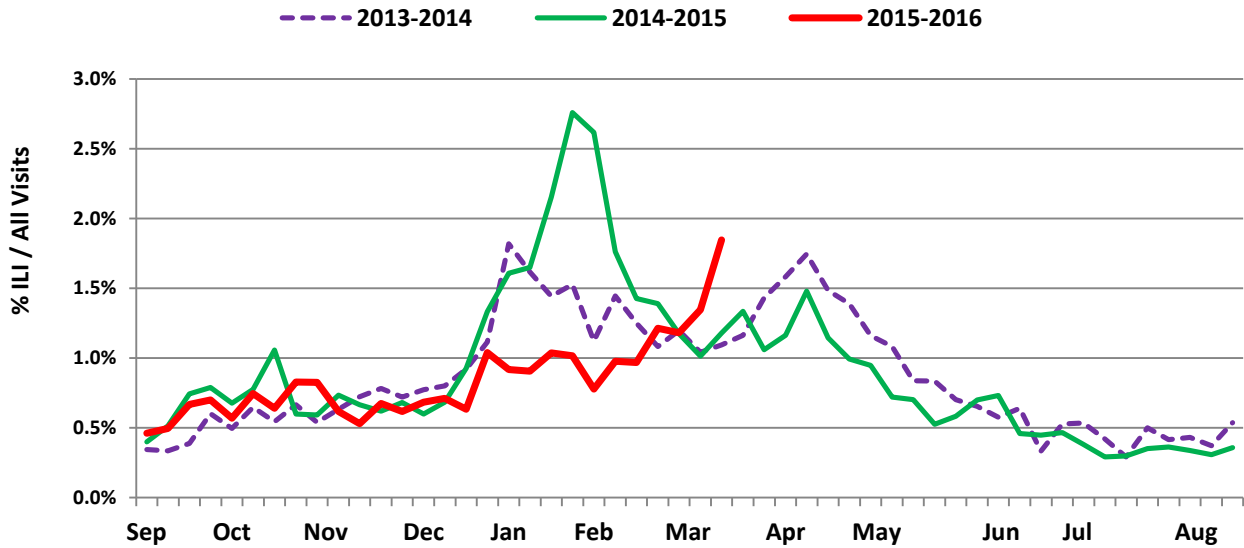
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Race/Ethnicity of Confirmed Influenza Cases,
 10/1/2015 - 3/12/2016, Boston Residents

Age Distribution of Confirmed Influenza Cases,
 10/1/2015 - 3/12/2016, Boston Residents



Weekly % ILI ED Visits, 2013-2016



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.

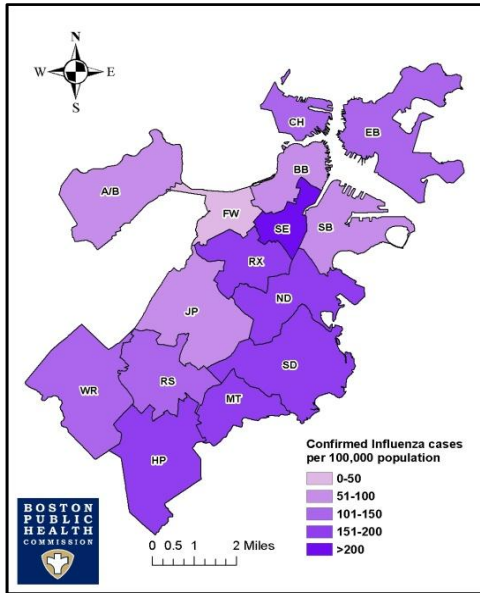


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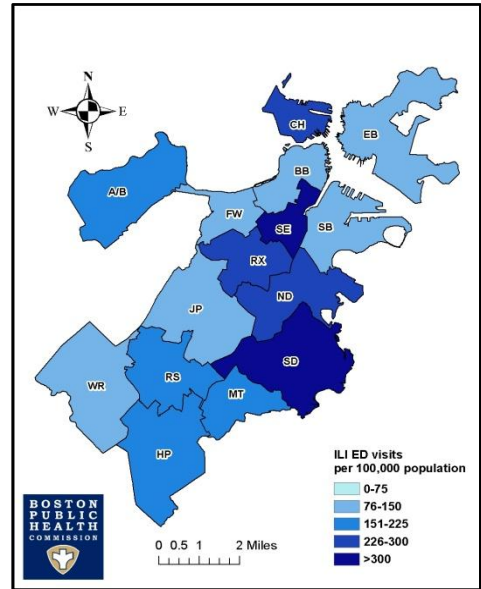
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Geographic Distribution

**Rate of Confirmed Influenza Cases
 by Neighborhood per 100,000 Population
 October 1, 2015 - March 12, 2016**



**Rate of ILI Syndrome ED Visits
 by Neighborhood per 100,000 Population
 October 1, 2015 - March 12, 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