Maine Weekly Influenza Surveillance Report
May 3, 2016

For MMWR week 17 (ending 4/30/2016)

New This Week
- Federal Flu Code: Widespread
- Thirteen new hospitalizations reported
- Three new outbreaks reported

Surveillance Information – Maine, 2015-2016 Influenza Season
- Number of ILINet Providers reporting: 22
  - % of visits for Influenza-Like Illness (ILI): 1.04
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.88
  - % of Emergency Medical Services (EMS) runs for ILI: 1.14
- Number of Hospitals reporting: 3
  - % of admissions due to Pneumonia & Influenza (P&I): 1.9
- Electronic Death Reporting System
  - % of deaths due to P&I: no data

All data is preliminary and subject to change
Lab Data – Maine, 2015-2016 Influenza Season

- # of samples tested at HETL: 19
  - # positive: 6
  - % positive: 31.6
- # of samples tested at Maine Reference Labs: 172
  - # positive: 38
  - % positive: 22.1
- # of samples positive by rapid antigen test: 33

Cumulative Influenza Positive Tests Reported to Maine CDC by Strain and Test Type

All data is preliminary and subject to change
Geographic Distribution of Lab Tests, Maine 2015-16*

<table>
<thead>
<tr>
<th>County</th>
<th>Positive labs</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tested this week</td>
<td>Total</td>
</tr>
<tr>
<td>Androscoggin</td>
<td>6</td>
<td>164</td>
</tr>
<tr>
<td>Aroostook</td>
<td>7</td>
<td>128</td>
</tr>
<tr>
<td>Cumberland</td>
<td>13</td>
<td>364</td>
</tr>
<tr>
<td>Franklin</td>
<td>4</td>
<td>106</td>
</tr>
<tr>
<td>Hancock</td>
<td>2</td>
<td>53</td>
</tr>
<tr>
<td>Kennebec</td>
<td>6</td>
<td>122</td>
</tr>
<tr>
<td>Knox</td>
<td>5</td>
<td>72</td>
</tr>
<tr>
<td>Lincoln</td>
<td>2</td>
<td>47</td>
</tr>
<tr>
<td>Oxford</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>Penobscot</td>
<td>24</td>
<td>357</td>
</tr>
<tr>
<td>Piscataquis</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>Sagadahoc</td>
<td>1</td>
<td>38</td>
</tr>
<tr>
<td>Somerset</td>
<td>3</td>
<td>102</td>
</tr>
<tr>
<td>Waldo</td>
<td>0</td>
<td>47</td>
</tr>
<tr>
<td>Washington</td>
<td>0</td>
<td>87</td>
</tr>
<tr>
<td>York</td>
<td>10</td>
<td>402</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>87</strong></td>
<td><strong>2144</strong></td>
</tr>
</tbody>
</table>

*Only reported PCR, culture, and rapid antigen tests are included in the chart and map. For more information, see the methods page on http://www.maine.gov/dhhs/mecdc/infectious-disease/epi/influenza/influenza-surveillance-weekly-updates.shtml

Antiviral Resistance – Maine, 2015-16 Influenza Season
- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 172
  - # with resistance: 0
- # of Influenza A (H3) samples tested for Tamiflu resistance at HETL: 20
  - # with resistance: 0

Age and Gender Information – Maine, 2015-16 Influenza Season
- Minimum Age: 1 month
- Mean Age: 38 years
- Maximum Age: 101 years
- Hospitalized Minimum Age: 2 months
- Hospitalized Mean Age: 54 years
- Hospitalized Maximum Age: 94 years

Positive Influenza Tests by Age – Maine, 2015-16

Positive Influenza Tests by Gender – Maine, 2015-16

All data is preliminary and subject to change
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,777 influenza viruses since October 1, 2015
  - 100.0% of influenza A/H1N1 samples match the vaccine strain
  - 95.9% of influenza A/H3 samples match the vaccine strain
  - 100.0% of influenza B/Yamagata samples match the vaccine strain
  - 97.4% of influenza B/Victoria samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2015-16 Influenza Season

- # new outbreaks: 3
- Total outbreaks 2015-16 season: 29

Pediatric Influenza Deaths

- One pediatric influenza-associated death reported during the 2015-16 influenza season in an unvaccinated child less than 5 years old. This was confirmed as influenza B/Victoria lineage.
National Influenza Surveillance Data
Source: http://www.cdc.gov/flu/weekly/

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 16 ending Apr 23, 2016

FLUVIEW
A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
Week Ending April 23, 2016- Week 16

*This map indicates geographic spread and does not measure the severity of influenza activity.

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