Maine Weekly Influenza Surveillance Report
December 8, 2015

For MMWR week 48 (ending 12/05/2015)

New This Week
- Federal Flu Code: Sporadic
- Two new hospitalizations reported

Surveillance Information – Maine, 2015-2016 Influenza Season
- Number of ILINet Providers reporting: 24
  - % of visits for Influenza-Like Illness (ILI): 1.31
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.08
  - % of Emergency Medical Services (EMS) runs for ILI: no data
- Number of Hospitals reporting: 3
  - % of admissions due to Pneumonia & Influenza (P&I): 1.7
- Electronic Death Reporting System
  - % of deaths due to P&I: 9.7

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

- # of samples tested at HETL: 18
  - # positive: 0
  - % positive: 0
- # of samples tested at Maine Reference Labs: 52
  - # positive: 0
  - % positive: 0
- # of samples positive by rapid antigen test: 5

Positive PCR Samples for Influenza, HETL – Maine, 2015-16

Positive Samples for Influenza, Maine Reference Labs – Maine, 2015-16

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>1</td>
<td>2</td>
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<tr>
<td>Aroostook</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cumberland</td>
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<td>5</td>
</tr>
<tr>
<td>Franklin</td>
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<td>3</td>
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<td>Hancock</td>
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<td>0</td>
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<tr>
<td>Kennebec</td>
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<td>0</td>
</tr>
<tr>
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<td>2</td>
</tr>
<tr>
<td>Oxford</td>
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</tr>
<tr>
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<tr>
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</tr>
<tr>
<td>Sagadahoc</td>
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<tr>
<td>Washington</td>
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<td>1</td>
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<td>York</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>6</strong></td>
<td><strong>29</strong></td>
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</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

Positive Influenza Tests, Maine 2015-16

Antiviral Resistance – Maine, 2015-16 Influenza Season
- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 0
  - # with resistance: 0
- # of Influenza A (H3) samples tested for Tamiflu resistance at HETL: 9
  - # with resistance: 0

Age and Gender Information – Maine, 2015-16 Influenza Season
- Minimum Age: 13 years
- Mean Age: 58 years
- Maximum Age: 94 years

All data is preliminary and subject to change
Antigenic Characterization (Vaccine Match)
• Federal CDC has antigenically characterized 62 influenza viruses since October 1, 2015
  o 100.0% of influenza A/H1N1 samples match the vaccine strain
  o 93.8% of influenza A/H3 samples match the vaccine strain
  o 100.0% of influenza B/Yamagata samples match the vaccine strain
  o No influenza B/Victoria-lineage viruses were antigenically characterized

Influenza-Like Illness Outbreaks – Maine, 2015-16 Influenza Season
• # new outbreaks: 0
• Total outbreaks 2015-16 season: 1

Pediatric Influenza Deaths
• No pediatric influenza-associated deaths reported during the 2015-16 influenza season