Maine Weekly Influenza Surveillance Report
February 9, 2016

For MMWR week 5 (ending 2/6/2016)

New This Week
• Federal Flu Code: Regional
• Three new hospitalizations reported
• Two new outbreaks reported

Surveillance Information – Maine, 2015-2016 Influenza Season
• Number of ILINet Providers reporting: 21
  o % of visits for Influenza-Like Illness (ILI): 1.54
• Syndromic Surveillance
  o % of Emergency Room visits for ILI: 1.01
  o % of Emergency Medical Services (EMS) runs for ILI: 1.45
• Number of Hospitals reporting: 2
  o % of admissions due to Pneumonia & Influenza (P&I): 1.6
• Electronic Death Reporting System
  o % 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: 18
  - # positive: 8
  - % positive: 44.4
- # of samples tested at Maine Reference Labs: 80
  - # positive: 5
  - % positive: 6.3
- # of samples positive by rapid antigen test: 20

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 Tested this week</th>
<th>Total</th>
<th>New this week</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Androscoggin</td>
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<td>8</td>
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<td>0</td>
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<tr>
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<td>1</td>
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<td>1</td>
<td>3</td>
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<td>1</td>
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<td>1</td>
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<tr>
<td>Kennebec</td>
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<td>10</td>
<td>0</td>
<td>5</td>
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<td>6</td>
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<td><strong>Total</strong></td>
<td><strong>28</strong></td>
<td><strong>105</strong></td>
<td><strong>3</strong></td>
<td><strong>21</strong></td>
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</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: 3
  - # with resistance: 0
- # of Influenza A (H3) samples tested for Tamiflu resistance at HETL: 14
  - # with resistance: 0

**Age and Gender Information – Maine, 2015-16 Influenza Season**
- Minimum Age: 1 year
- Mean Age: 49 years
- Maximum Age: 94 years
- Hospitalized Minimum Age: 1 year
- Hospitalized Mean Age: 70 years
- Hospitalized Maximum Age: 94 years

*All data is preliminary and subject to change*
Antigenic Characterization (Vaccine Match)
- Federal CDC has antigenically characterized 407 influenza viruses since October 1, 2015
  - 100.0% of influenza A/H1N1 samples match the vaccine strain
  - 98.9% of influenza A/H3 samples match the vaccine strain
  - 100.0% of influenza B/Yamagata samples match the vaccine strain
  - 100.0% of influenza B/Victoria samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2015-16 Influenza Season
- # new outbreaks: 2
- Total outbreaks 2015-16 season: 4

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2015-16

Outbreak Facility Type Key:
- LTC - Long Term Care Facility
- AC - Acute Care Facility (nosocomial)
- K12 - School (K-12) or daycare
- Univ - School (residential) or University
- HCW - Health care workers
- Inst - Other institutions (workplaces, correctional facilities etc)
- Camp - Camp

Pediatric Influenza Deaths
- No pediatric influenza-associated deaths reported during the 2015-16 influenza season
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 4 ending Jan 30, 2016

FLUVIEW
A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
Week Ending January 30, 2016 - Week 4

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

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