Maine Weekly Influenza Surveillance Report
May 123, 2017

For MMWR week 19 (ending 5/20/2017)

New this Week
• Federal Flu Code: Regional
• One new hospitalization reported
• 2 new outbreaks reported

Surveillance Information – Maine, 2016-2017 Influenza Season
• Number of ILINet Providers reporting: 22
  ○ % of visits for Influenza-Like Illness (ILI): 0.46
• Syndromic Surveillance
  ○ % of Emergency Room visits for ILI: 0.9
  ○ % of Emergency Medical Services (EMS) runs for ILI: 0.8
• Number of Hospitals reporting: 1
  ○ % of admissions due to Pneumonia & Influenza (P&I): 0.6
• Electronic Death Reporting System
  ○ % of deaths due to P&I: no data

All data is preliminary and subject to change
Lab Data – Maine, 2016-2017 Influenza Season

- # of samples tested at HETL: 3
  - # positive: 1
  - % positive: 33.3
- # of samples tested at Maine Reference Labs: 48 (*Missing 1 lab since week 14)
  - # positive: 6
  - % positive: 12.5
- # of samples positive by rapid antigen test: 3

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 2016-17*

<table>
<thead>
<tr>
<th>County</th>
<th>Tested this week</th>
<th>Total</th>
<th>New this week</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Androscoggin</td>
<td>1</td>
<td>816</td>
<td>0</td>
<td>49</td>
</tr>
<tr>
<td>Aroostook</td>
<td>1</td>
<td>413</td>
<td>0</td>
<td>20</td>
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<tr>
<td>Cumberland</td>
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<td>822</td>
<td>1</td>
<td>161</td>
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<tr>
<td>Franklin</td>
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<td>175</td>
<td>0</td>
<td>2</td>
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<tr>
<td>Hancock</td>
<td>1</td>
<td>265</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Kennebec</td>
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<td>321</td>
<td>0</td>
<td>25</td>
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<td>Knox</td>
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<td>Lincoln</td>
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<td>46</td>
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<td>Penobscot</td>
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<td>1241</td>
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<td>Piscataquis</td>
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<td>6</td>
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<td>Sagadahoc</td>
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<td>Washington</td>
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<td>York</td>
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<td><strong>Total</strong></td>
<td><strong>11</strong></td>
<td><strong>5830</strong></td>
<td><strong>1</strong></td>
<td><strong>828</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](http://www.maine.gov/dhhs/mecdc/infectious-disease/epi/influenza/influenza-surveillance-weekly-updates.shtml)

### Antiviral Resistance – Maine, 2016-17 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: 212
  - # with resistance: 0

### Age and Gender Information – Maine, 2016-17 Influenza Season
- Minimum Age: 3 weeks
- Mean Age: 42 years
- Maximum Age: 103 years
- Hospitalized Minimum Age: 6 months
- Hospitalized Mean Age: 65 years
- Hospitalized Maximum Age: 101 years

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Antigenic Characterization (Vaccine Match)
- Federal CDC has antigenically characterized 1,708 influenza viruses since October 1,2016
  - 99.3% of influenza A/H1N1 samples match the vaccine strain
  - 95.1% of influenza A/H3 samples match the vaccine strain
  - 87.3% of influenza B/Victoria samples match the vaccine strain
  - 100% of influenza B/Yamagata samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2016-17 Influenza Season
- # new outbreaks: 2
- Total outbreaks 2016-17 season: 128

Pediatric Influenza Deaths
- No pediatric influenza-associated deaths reported during the 2016-17 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 ILI Net
2016-17 Influenza Season Week 19 ending May 13, 2017

ILI Activity Level
- High
- Moderate
- Low
- Minimal
- Insufficient Data

A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
Week Ending May 13, 2017 - Week 19

Influenza Activity Estimates
- No Activity
- Sporadic
- Local Activity
- Regional
- Widespread
- No Report

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

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