Maine Weekly Influenza Surveillance Report
October 4, 2016

For MMWR week 39 (ending 10/1/2016)

New Since Last Report (5/21/2016)
• 1 hospitalization reported

Surveillance Information – Maine, 2015-2016 Influenza Season
• Number of ILINet Providers reporting: 23
  o % of visits for Influenza-Like Illness (ILI): 0.66
• Syndromic Surveillance
  o % of Emergency Room visits for ILI: 1.19
  o % of Emergency Medical Services (EMS) runs for ILI: 1.02
• 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

Outpatient Visits for ILI – Maine, 2014-16

Syndromic Surveillance data for ILI – Maine, 2014-16

Hospital Admissions Due to P&I – Maine, 2014-16

Deaths Attributable to P&I – Maine, 2014-16

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

- # of samples tested at HETL: 11
  - # positive: 0
  - % positive: 0
- # of samples tested at Maine Reference Labs: No data
  - # positive:
  - % positive:
- # of samples positive by rapid antigen test: 2

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>New off season</td>
<td>Total</td>
</tr>
<tr>
<td>Androscoggin</td>
<td>3</td>
<td>184</td>
</tr>
<tr>
<td>Aroostook</td>
<td>2</td>
<td>178</td>
</tr>
<tr>
<td>Cumberland</td>
<td>7</td>
<td>402</td>
</tr>
<tr>
<td>Franklin</td>
<td>0</td>
<td>108</td>
</tr>
<tr>
<td>Hancock</td>
<td>1</td>
<td>64</td>
</tr>
<tr>
<td>Kennebec</td>
<td>1</td>
<td>137</td>
</tr>
<tr>
<td>Knox</td>
<td>4</td>
<td>88</td>
</tr>
<tr>
<td>Lincoln</td>
<td>0</td>
<td>50</td>
</tr>
<tr>
<td>Oxford</td>
<td>1</td>
<td>46</td>
</tr>
<tr>
<td>Penobscot</td>
<td>5</td>
<td>414</td>
</tr>
<tr>
<td>Piscataquis</td>
<td>1</td>
<td>14</td>
</tr>
<tr>
<td>Sagadahoc</td>
<td>0</td>
<td>39</td>
</tr>
<tr>
<td>Somerset</td>
<td>2</td>
<td>112</td>
</tr>
<tr>
<td>Waldo</td>
<td>1</td>
<td>50</td>
</tr>
<tr>
<td>Washington</td>
<td>1</td>
<td>92</td>
</tr>
<tr>
<td>York</td>
<td>4</td>
<td>419</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>33</td>
<td>2397</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, 2015-16 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 281
  - # 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: 55 years
- Hospitalized Maximum Age: 94 years

### Positive Influenza Tests by Age – Maine, 2015-16

- <5: 215
- 5-24: 561
- 25-49: 654
- 50-64: 352
- 65+: 218

- Not Hospitalized: 53.1%
- Hospitalized: 46.9%

### Positive Influenza Tests by Gender – Maine, 2015-16

- Female: 53.1%
- Male: 46.9%

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*All data is preliminary and subject to change*
Influenza-Like Illness Outbreaks – Maine, 2015-16 Influenza Season
- # new outbreaks: 0
- Total outbreaks 2015-16 season: 32

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
- 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.