Maine Weekly Influenza Surveillance Report

December 15, 2015

For MMWR week 49 (ending 12/12/2015)

New This Week

- Federal Flu Code: Sporadic

Surveillance Information – Maine, 2015-2016 Influenza Season

- Number of ILINet Providers reporting: 21
  - % of visits for Influenza-Like Illness (ILI): 1.51
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.09
  - % of Emergency Medical Services (EMS) runs for ILI: no data
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 7.7
- Electronic Death Reporting System
  - % 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: 12
  - # positive: 0
  - % positive: 0
- # of samples tested at Maine Reference Labs: 45
  - # positive: 0
  - % positive: 0
- # of samples positive by rapid antigen test: 1

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

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

Positive Influenza Rapid Antigen Tests – 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>
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<td>Tested this week</td>
<td>Total</td>
<td>New this week</td>
<td>Total</td>
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<td><strong>31</strong></td>
<td><strong>0</strong></td>
<td><strong>9</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](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: 4 years
  - Mean Age: 56 years
  - Maximum Age: 94 years

- **All data is preliminary and subject to change**
Antigenic Characterization (Vaccine Match)
- Federal CDC has antigenically characterized 91 influenza viruses since October 1, 2015
  - 100.0% of influenza A/H1N1 samples match the vaccine strain
  - 95.7% 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: 0
- Total outbreaks 2015-16 season: 1

Pediatric Influenza Deaths
- No pediatric influenza-associated deaths reported during the 2015-16 influenza season
All data is preliminary and subject to change