Maine Weekly Influenza Surveillance Report
November 15, 2016

For MMWR week 45 (ending 11/12/2016)

New This Week
- Federal Flu Code: Sporadic
- 1 new hospitalization reported

Surveillance Information – Maine, 2016-2017 Influenza Season
- Number of ILINet Providers reporting: 22
  - % of visits for Influenza-Like Illness (ILI): 0.82
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.2
  - % of Emergency Medical Services (EMS) runs for ILI: 1.0
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 2.5
- Electronic Death Reporting System
  - % of deaths due to P&I: no data

Outpatient Visits for ILI – Maine, 2015-17
Syndromic Surveillance data for ILI – Maine, 2015-17
Hospital Admissions Due to P&I – Maine, 2015-17
Deaths Attributable to P&I – Maine, 2015-17

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

- # of samples tested at HETL: 14
  - # positive: 0
  - % positive: 0
- # of samples tested at Maine Reference Labs: 39
  - # positive: 0
  - % positive: 0
- # of samples positive by rapid antigen test: 4

Positive PCR Samples for Influenza, HETL – Maine, 2016-17

Positive Samples for Influenza, Maine Reference Labs – Maine, 2016-17

Positive Influenza Rapid Antigen Tests – Maine, 2016-17

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>Positive labs Tested this week</th>
<th>Positive labs Total</th>
<th>Hospitalizations New this week</th>
<th>Hospitalizations Total</th>
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<td><strong>17</strong></td>
<td><strong>1</strong></td>
<td><strong>4</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

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: 2
  - # with resistance: 0

Age and Gender Information – Maine, 2016-17 Influenza Season
- Minimum Age: 6 years
- Mean Age: 52 years
- Maximum Age: 90 years
- Hospitalized Minimum Age: 74 years
- Hospitalized Mean Age: 81 years
- Hospitalized Maximum Age: 90 years

All data is preliminary and subject to change
Antigenic Characterization (Vaccine Match)
- Federal CDC antigenically characterized 182 influenza viruses between May 22 – November 5, 2016
  - 100% of influenza A/H1N1 samples match the vaccine strain
  - 85.2% of influenza A/H3 samples match the vaccine strain
  - 100% of influenza B/Yamagata samples match the vaccine strain
  - 100% of influenza B/Victoria samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2016-17 Influenza Season
- # new outbreaks: 0
- Total outbreaks 2016-17 season: 0

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/

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