Maine Weekly Influenza Surveillance Report

October 17, 2017

For MMWR week 41 (ending 10/14/2017)

New This Week

- Federal Flu Code: Sporadic
- One new hospitalization reported

Surveillance Information – Maine, 2017-2018 Influenza Season

- Number of ILINet Providers reporting: 19
  - % of visits for Influenza-Like Illness (ILI): 0.83
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.02
  - % of Emergency Medical Services (EMS) runs for ILI: 0.46
- Influenza Hospitalizations
  - # of hospitalizations: 1
- Electronic Death Reporting System
  - % of deaths due to P&I: 6.3

Outpatient Visits for ILI – Maine, 2016-18

Syndromic Surveillance data for ILI – Maine, 2016 -18

Influenza Hospitalizations – Maine, 2016-18

Deaths Attributable to P&I – Maine, 2016-18

All data is preliminary and subject to change
Lab Data – Maine, 2017-2018 Influenza Season

- # of samples tested at HETL: 11
  - # positive: 1
  - % positive: 9.1
- # of samples tested at Maine Reference Labs: 121
  - # positive: 1
  - % positive: 0.8
- # 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 2017-18*

<table>
<thead>
<tr>
<th>County</th>
<th>Tested this week</th>
<th>Total</th>
<th>New this week</th>
<th>Total</th>
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<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.

**Antiviral Resistance – Maine, 2017-18 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: 0
  - # with resistance: 0

**Age and Gender Information – Maine, 2017-18 Influenza Season**
- Minimum Age: 16 years
- Mean Age: 48 years
- Maximum Age: 75 years
- Hospitalized Minimum Age: 60
- Hospitalized Mean Age: 60
- Hospitalized Maximum Age: 60

**Positive Influenza Tests by Age – Maine, 2017-18**

**Positive Influenza Tests by Gender – Maine, 2017-18**

All data is preliminary and subject to change
Antigenic Characterization (Vaccine Match)
- Federal CDC has antigenically characterized 227 influenza viruses from May 21 – October 7, 2017
  - 100% of influenza A/H1N1 samples match the vaccine strain
  - 96.6% of influenza A/H3 samples match the vaccine strain
  - 64.3% of influenza B/Victoria samples match the vaccine strain
  - 100% of influenza B/Yamagata samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2017-18 Influenza Season
- # new outbreaks: 0
- Total outbreaks 2017-18 season: 0

Pediatric Influenza Deaths
- No pediatric influenza-associated deaths reported during the 2017-18 influenza season

National Influenza Surveillance Data
Source: [http://www.cdc.gov/flu/weekly/](http://www.cdc.gov/flu/weekly/)
All data is preliminary and subject to change