Maine Weekly Influenza Surveillance Report
February 23, 2016

For MMWR week 7 (ending 2/20/2016)

New This Week
- Federal Flu Code: Regional
- Five new hospitalizations reported

Surveillance Information – Maine, 2015-2016 Influenza Season
- Number of ILINet Providers reporting: 21
  - % of visits for Influenza-Like Illness (ILI): 1.07
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 0.9
  - % of Emergency Medical Services (EMS) runs for ILI: 1.47
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 3.1
- Electronic Death Reporting System
  - % of deaths due to P&I: 8.4
Lab Data – Maine, 2015-2016 Influenza Season

- # of samples tested at HETL: 26
  - # positive: 18
  - % positive: 69.2
- # of samples tested at Maine Reference Labs: 124
  - # positive: 9
  - % positive: 7.3
- # of samples positive by rapid antigen test: 22

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

Positive 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>Tested this week</th>
<th>Total</th>
<th>New this week</th>
<th>Total</th>
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<td>1</td>
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<tr>
<td>Kennebec</td>
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<td>5</td>
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<td><strong>173</strong></td>
<td><strong>5</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, 2015-16 Influenza Season
- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 11
  - # with resistance: 0
- # of Influenza A (H3) samples tested for Tamiflu resistance at HETL: 14
  - # with resistance: 0

Age and Gender Information – Maine, 2015-16 Influenza Season
- Minimum Age: 7 months
- Mean Age: 46 years
- Maximum Age: 94 years

Hospitalized Age and Gender Information – Maine, 2015-16 Influenza Season
- Hospitalized Minimum Age: 7 months
- Hospitalized Mean Age: 65 years
- Hospitalized Maximum Age: 94 years

Positive Influenza Tests by Age – Maine, 2015-16

Positive Influenza Tests by Gender – Maine, 2015-16

All data is preliminary and subject to change
Antigenic Characterization (Vaccine Match)
- Federal CDC has antigenically characterized 532 influenza viruses since October 1, 2015
  - 100.0% of influenza A/H1N1 samples match the vaccine strain
  - 93.5% 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: 5

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
- No pediatric influenza-associated deaths reported during the 2015-16 influenza season

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 6 ending Feb 13, 2016

FLUVIEW
A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
Week Ending February 06, 2016- Week 5

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

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