Maine Weekly Influenza Surveillance Report

January 3, 2018

For MMWR week 52 (ending 12/30/2017)

New This Week
- Federal Flu Code: Regional
- 45 new hospitalizations
- 2 new outbreaks, both in long term care facilities

Surveillance Information – Maine, 2017-2018 Influenza Season
- Number of ILINet Providers reporting: 19
  - % of visits for Influenza-Like Illness (ILI): 1.59
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.8
  - % of Emergency Medical Services (EMS) runs for ILI: 0.8
- Influenza Hospitalizations
  - # of hospitalizations: 45
- Electronic Death Reporting System
  - % of deaths due to P&I: 6.7

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

- # of samples tested at HETL: 30
  - # positive: 19
  - % positive: 63.3
- # of samples tested at Maine Reference Labs: 409
  - # positive: 63
  - % positive: 15.4
- # of samples positive by rapid antigen test: 75

Positive PCR Samples for Influenza, HETL – Maine, 2017-18

Cumulative Influenza Positive Tests Reported to Maine CDC by Strain and Test Type

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**Antigenic Characterization (Vaccine Match)**
- Federal CDC has antigenically or genetically characterized 648 influenza viruses from October 1 – December 23, 2017
  - 100% of influenza A/H1N1 samples match the vaccine strain
  - 99.2% of influenza A/H3 samples match the vaccine strain
  - 57.1% 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: 2
- Total outbreaks 2017-18 season: 15

**Influenza-Like Illness Outbreaks by Facility Type – Maine, 2017-18**

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<tr>
<th>County</th>
<th>LTC</th>
<th>AC</th>
<th>K12</th>
<th>Univ</th>
<th>HCW</th>
<th>Inst</th>
<th>Camp</th>
<th>Total</th>
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**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 2017-18 influenza season

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

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