Maine Weekly Influenza Surveillance Report

October 15, 2019

For MMWR week 41 (ending 10/12/2019)

Geographic Spread: Sporadic

Surveillance Information – Maine, 2019-2020 Influenza Season

- Number of ILINet Providers reporting: 17
  - % of visits for Influenza-Like Illness (ILI): 0.65
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.17
  - % of Emergency Medical Services (EMS) runs for ILI: 0.7

Influenza Hospitalizations
- # of hospitalizations: 2

Pneumonia and Influenza (P&I) Deaths
- % of deaths due to P&I: 8.7
- # influenza deaths reported this week: 0
- Total influenza deaths this season: 0

*This number represents the number of individuals who had influenza specifically listed on their death certificate. This is likely an underrepresentation of the true burden, as many influenza-associated deaths are due to secondary infections. This is why Maine CDC reports Pneumonia and Influenza (P&I) deaths.

All data is preliminary and subject to change
Lab Data – Maine, 2019-2020 Influenza Season

- # of samples tested at HETL: 2
  - # positive: 1
  - % positive: 50
- # of samples tested at Maine Reference Labs: 197
  - # positive: 2
  - % positive: 1
- # of samples positive by rapid antigen test: 4

Positive PCR Samples for Influenza, HETL – Maine, 2019-20

Positive Samples for Influenza, Maine Reference Labs – Maine, 2019-20

Total Reported Positive Influenza Tests – Maine, 2019-20

Cumulative Influenza Positive Tests by Strain, HETL – Maine, 2019-20

Antiviral Resistance – Maine, 2019-20 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

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Antigenic Characterization (Vaccine Strain Match)
- Virus characterization data from federal CDC will be updated weekly starting later this season when sufficient numbers of specimens have been tested.

Influenza-Like Illness Outbreaks – Maine, 2019-20 Influenza Season
- # new outbreaks: 0
- Total outbreaks 2019-20 season: 0

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2019-20

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<th>Univ</th>
<th>HCW</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

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

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