

Maine Weekly Influenza Surveillance Report

April 10, 2012

For MMWR week 14 (ending 4/7/2012)

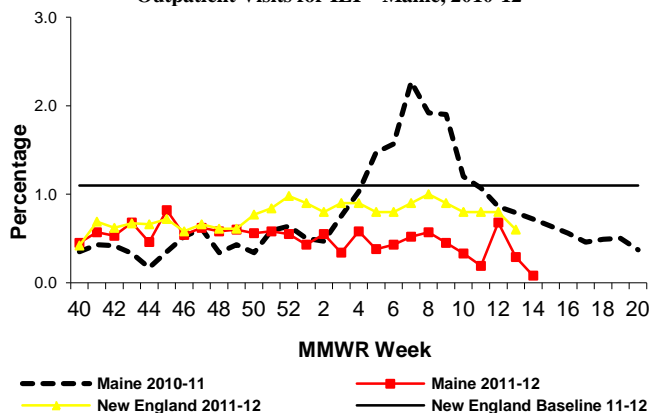
New This Week

- Federal Flu Code: Regional
- Two new influenza outbreaks reported, both in long term care facilities

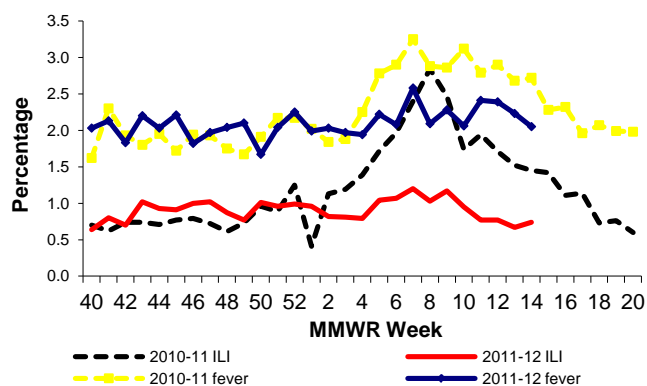
Surveillance Information – Maine, 2011-2012 Influenza Season

- Number of ILINet Providers reporting: 17
 - % of visits for Influenza-Like Illness (ILI): 0.08
- Number of Emergency Departments participating: 24
 - % of visits for ILI: 0.74
 - % of visits for fever: 2.05
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 2.4
- Number of Vital Records Offices Reporting: 1
 - % of deaths due to P&I: 8.0

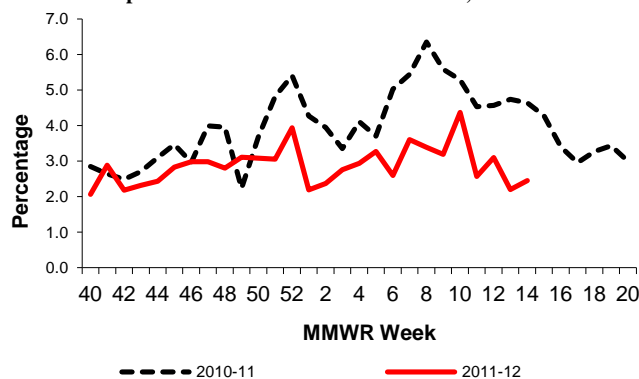
Outpatient Visits for ILI – Maine, 2010-12



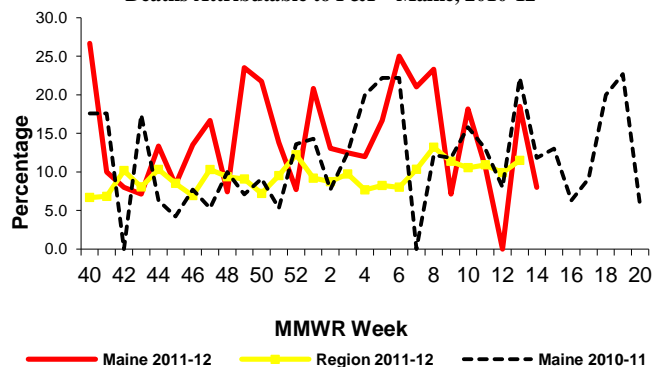
Emergency Department Visits for ILI and Fever – Maine, 2010 -12



Hospital Admissions Due to P&I – Maine, 2010-12



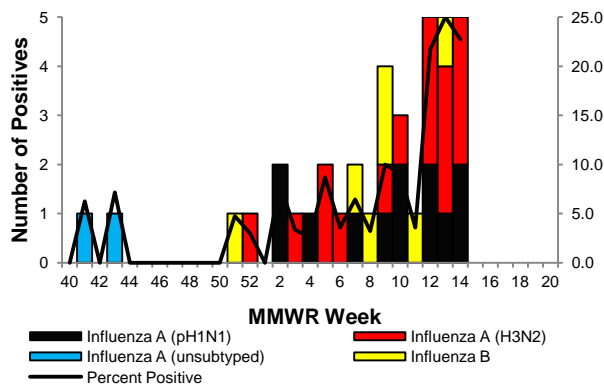
Deaths Attributable to P&I – Maine, 2010-12



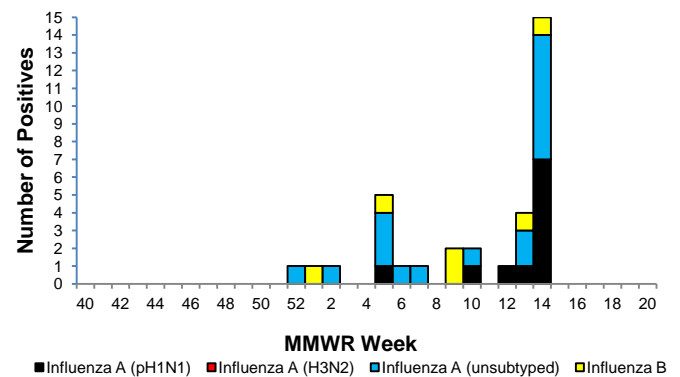
Lab Data – Maine, 2011-2012 Influenza Season

- # of samples tested at HETL: 22
 - # positive: 5
 - % positive: 22.7
- # of samples tested at Maine Reference Labs: 41
 - # positive: 10
 - % positive: 24.4
- # of samples positive at National Reference Labs: 5
- # of samples positive by rapid antigen test: 3

Positive PCR Samples for Influenza, HETL – Maine, 2011-12



Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2011-2012



Novel Influenza A Virus

- Maine confirmed two cases of variant influenza A virus. The first case was confirmed on October 17th, and the second case was confirmed October 31st. Both cases had multiple exposures to pigs. These cases are the 5th and 6th recognized cases of human infection with S-OtrH3N2 with the M segment gene from the pH1N1 virus. More information can be found in a Health Alert, released 10/19/2011 accessible through: <http://www.maine.gov/tools/whatsnew/attach.php?id=313425&an=1>.

Antiviral Resistance – Maine, 2011-12 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: 9
 - # with resistance: 0

Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,046 influenza viruses since October 1, 2011.
 - 99.2% of influenza A/pH1N1 samples matched the vaccine strain
 - 79.5% of influenza A/H3 samples matched the vaccine strain
 - 38.2% of influenza B samples matched the vaccine strain.

Influenza-Like Illness Outbreaks – Maine, 2011-12 Influenza Season

- # new outbreaks: 2
- Total outbreaks 2011-12 season: 6
 - 5 in long term care facilities, 1 in a K-12 school

Pediatric Influenza Deaths

- No pediatric influenza-associated deaths reported during the 2011-12 influenza season

National Influenza Surveillance Data

Source: <http://www.cdc.gov/flu/weekly/>

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2011-12 Influenza Season Week 13 ending Mar 31, 2012

