

# Maine Weekly Influenza Surveillance Report

February 12, 2013

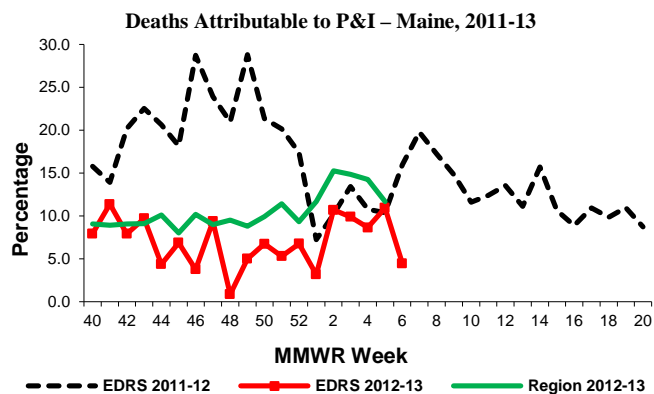
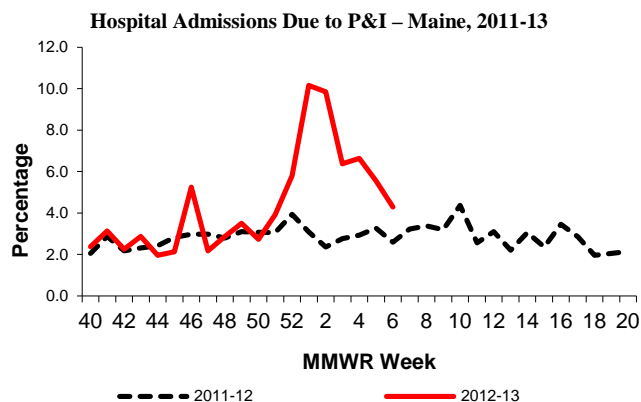
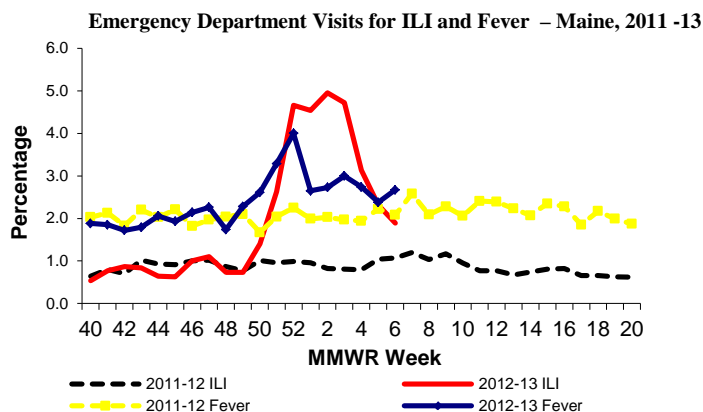
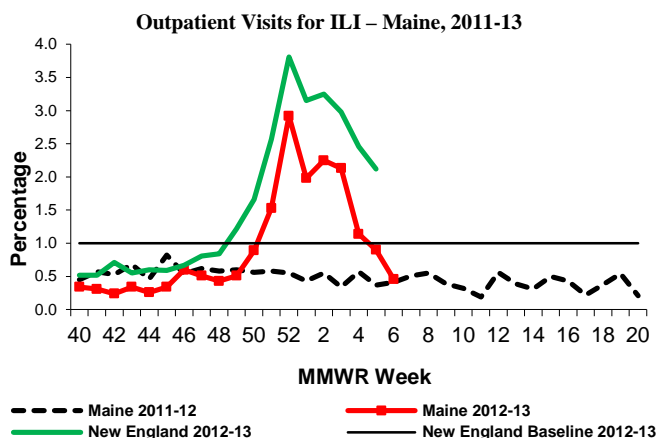
For MMWR week 6 (ending 2/9/2013)

## New This Week

- Federal Flu Code: Widespread
- 9 new outbreaks reported

## Surveillance Information – Maine, 2012-2013 Influenza Season

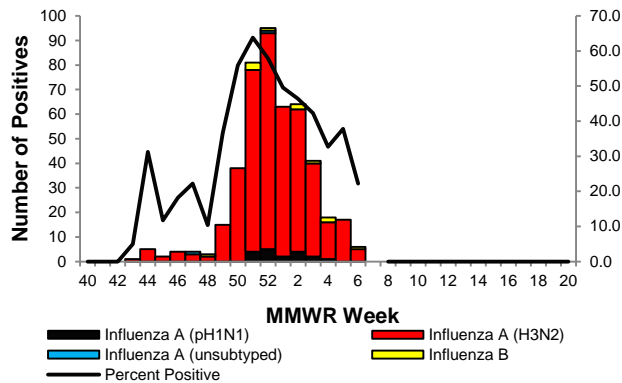
- Number of ILINet Providers reporting: 19
  - % of visits for Influenza-Like Illness (ILI): 0.46
- Number of Emergency Departments participating: 26
  - % of visits for ILI: 1.89
  - % of visits for fever: 2.67
- Number of Hospitals reporting: 3
  - % of admissions due to Pneumonia & Influenza (P&I): 4.3
- Electronic Death Reporting System
  - % of deaths due to P&I: 4.5



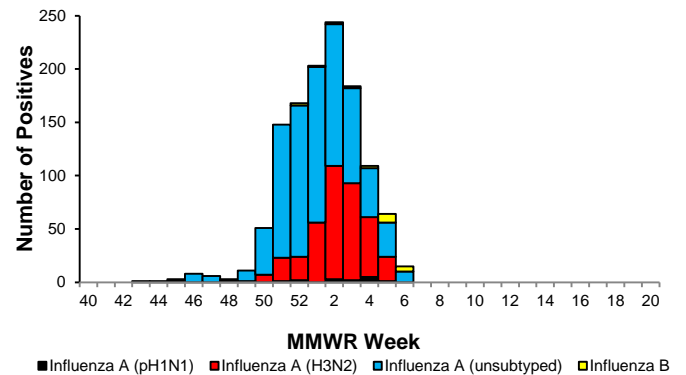
## Lab Data – Maine, 2012-2013 Influenza Season

- # of samples tested at HETL: 27
  - # positive: 6
  - % positive: 22.2
- # of samples tested at Maine Reference Labs: 103
  - # positive: 15
  - % positive: 14.6
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 16

Positive PCR Samples for Influenza, HETL – Maine, 2012-13



Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2012-13

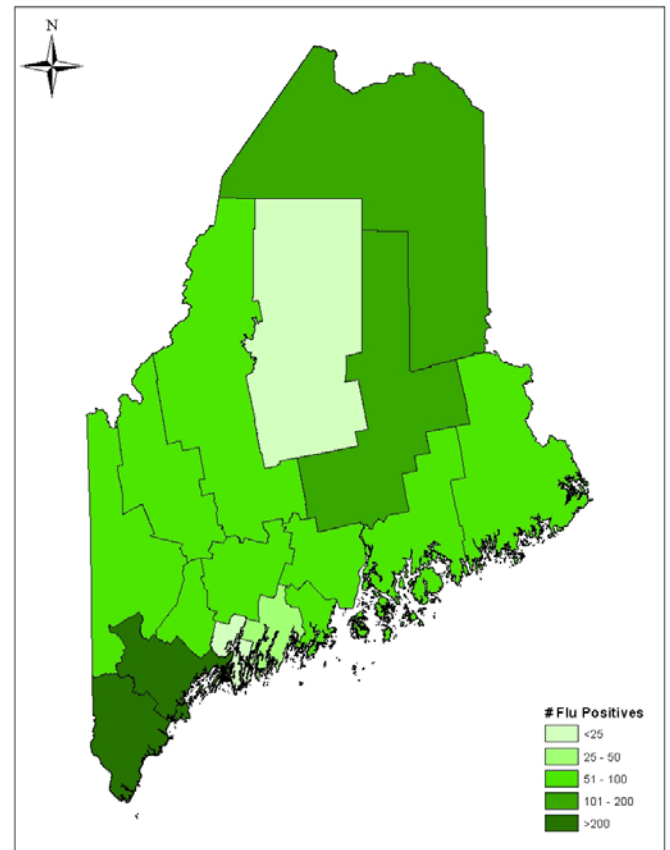


## Geographic Distribution of Lab Tests

Information about this map:

- Includes culture, PCR, and rapid antigen positive test results
- Aggregated lab data received from reference labs is not displayed on this map
- Influenza is not reportable, therefore this map is understood to be an underrepresentation of the true burden of influenza
- Only influenza tests reported on a patient level (with patient name and date of birth) are represented in this map
- If patient address is not received, the location of the ordering physician is used
- Does not include titer results as we cannot differentiate between infection and immunity

## Positive Influenza Tests, Maine 2012-13



## Antiviral Resistance – Maine, 2012-13 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 12
  - # with resistance: 0
- # of Influenza A(H3) samples tested for Tamiflu resistance at HETL: 38
  - # with resistance: 0

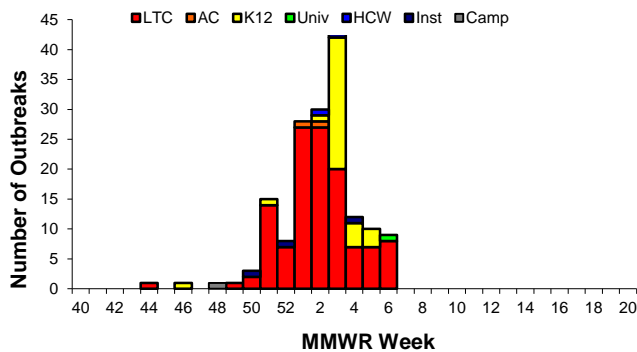
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 972 influenza viruses since October 1, 2012.
  - 100% of influenza A/H1 samples matched the vaccine strain
  - 99.7% of influenza A/H3 samples matched the vaccine strain
  - 70.8% of influenza B samples matched the vaccine strain

## Influenza-Like Illness Outbreaks – Maine, 2012-13 Influenza Season

- # new outbreaks: 9
- Total outbreaks 2012-13 season: 163

### Influenza-Like Illness Outbreaks by Facility Type – Maine, 2012-13



### 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

## Influenza-Like Illness Outbreak by Facility Type and County – Maine, 2012-13

| County       | LTC        | AC       | K12       | Univ     | HCW      | Inst     | Camp     | Total      |
|--------------|------------|----------|-----------|----------|----------|----------|----------|------------|
| Androscoggin | 7          |          | 3         |          |          | 3        |          | 13         |
| Aroostook    | 10         |          |           |          |          | 1        |          | 11         |
| Cumberland   | 26         | 1        | 5         |          |          |          |          | 32         |
| Franklin     | 3          |          | 1         |          |          |          |          | 4          |
| Hancock      | 4          |          |           |          |          |          |          | 4          |
| Kennebec     | 13         |          | 1         |          |          |          |          | 14         |
| Knox         | 4          |          | 5         |          |          |          |          | 9          |
| Lincoln      | 2          |          | 2         |          |          | 1        | 1        | 6          |
| Oxford       | 8          |          | 2         |          |          |          |          | 10         |
| Penobscot    | 15         |          | 3         |          | 1        |          |          | 19         |
| Piscataquis  |            | 1        |           |          |          |          |          | 1          |
| Sagadahoc    | 2          |          |           | 1        |          |          |          | 3          |
| Somerset     | 10         |          | 2         |          |          |          |          | 12         |
| Waldo        | 2          |          | 6         |          |          |          |          | 8          |
| Washington   | 3          |          | 2         |          |          |          |          | 5          |
| York         | 12         |          |           |          |          |          |          | 12         |
| <b>Total</b> | <b>121</b> | <b>2</b> | <b>32</b> | <b>1</b> | <b>1</b> | <b>5</b> | <b>1</b> | <b>163</b> |

## Pediatric Influenza Deaths

- 1 pediatric influenza-associated death reported in an unvaccinated child from Central Maine

## National Influenza Surveillance Data

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

### Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2012-13 Influenza Season Week 5 ending Feb 02, 2013

