

# Maine Weekly Influenza Surveillance Report

January 14, 2014

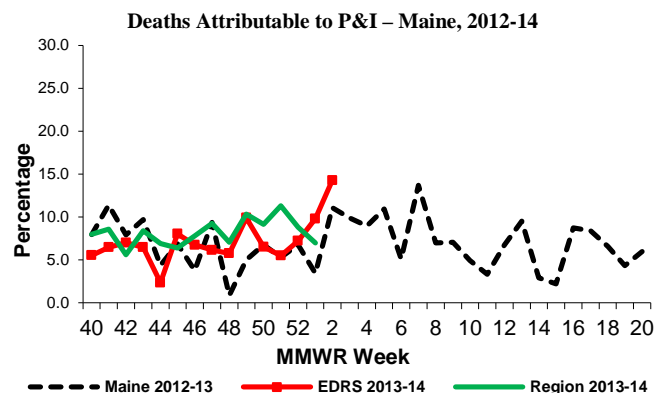
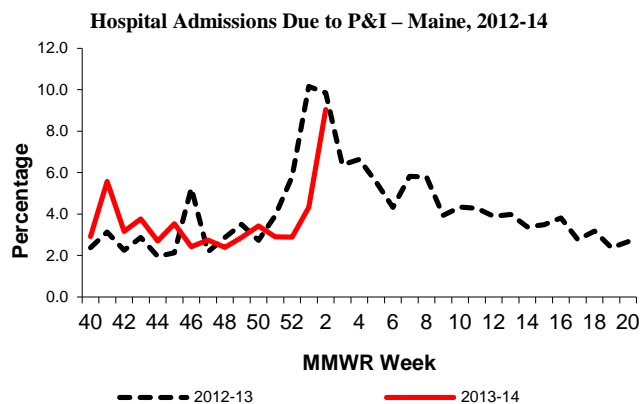
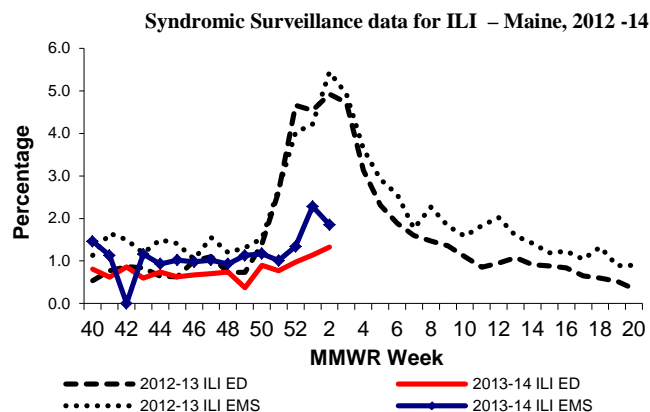
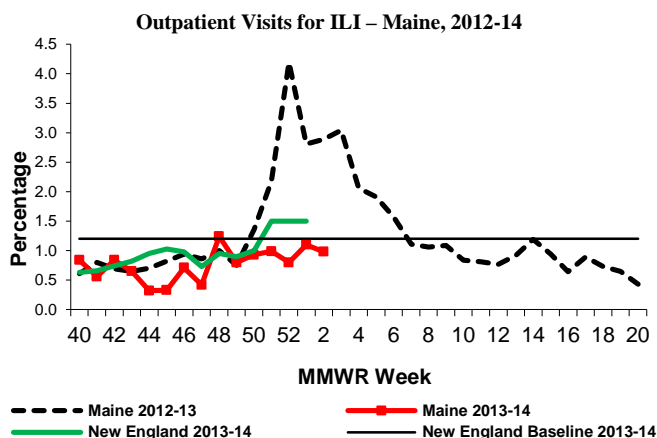
For MMWR week 2 (ending 1/11/14)

## New This Week

- Federal Flu Code: Widespread
- 1 new outbreak reported in a long term care facility

## Surveillance Information – Maine, 2013-2014 Influenza Season

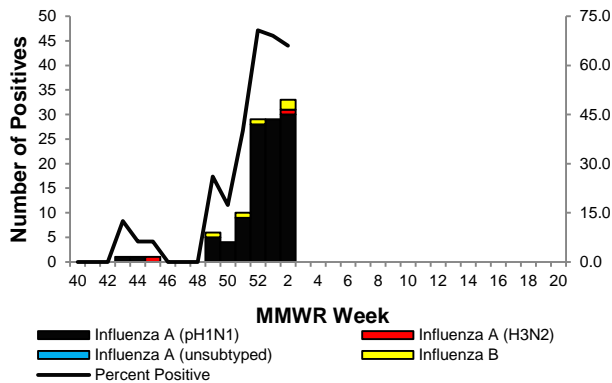
- Number of ILINet Providers reporting: 19
  - % of visits for Influenza-Like Illness (ILI): 0.98
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.33
  - % of Emergency Medical Services (EMS) runs for ILI: 1.85
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 9.0
- Electronic Death Reporting System
  - % of deaths due to P&I: 14.3



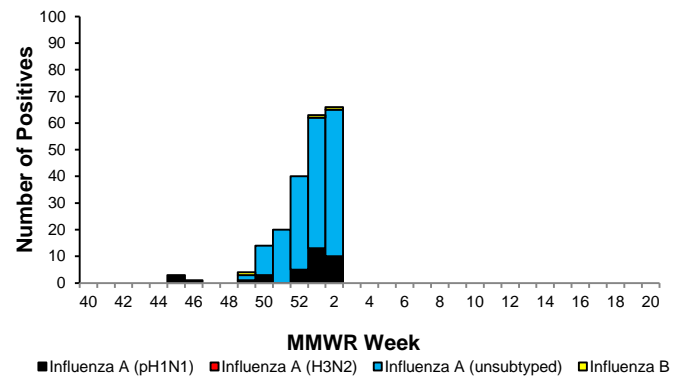
## Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 50
  - # positive: 33
  - % positive: 66.0
- # of samples tested at Maine Reference Labs: 200
  - # positive: 66
  - % positive: 33.0
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 36

Positive PCR Samples for Influenza, HETL – Maine, 2013-14



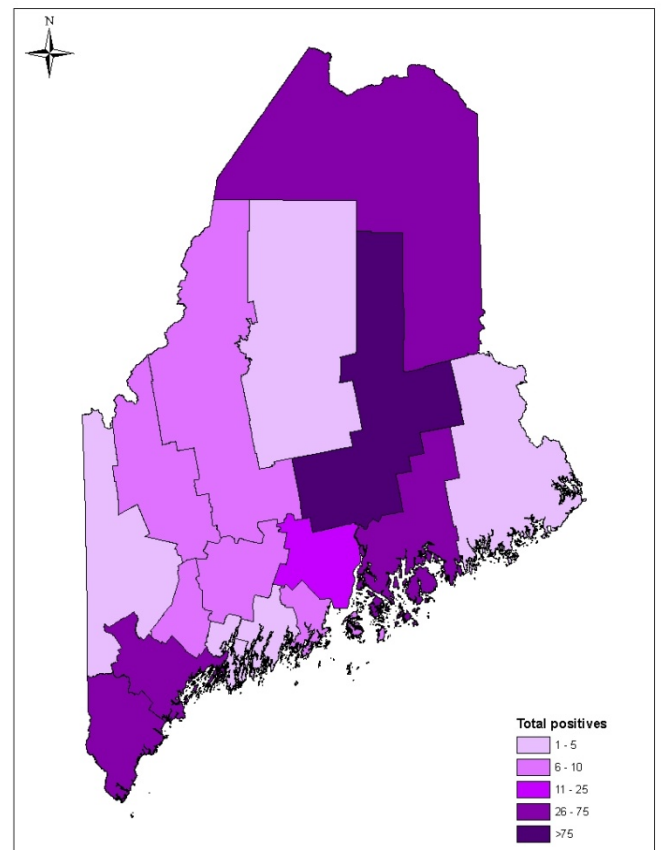
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



## Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin	6	9
Aroostook	10	71
Cumberland	16	46
Franklin	3	6
Hancock	11	27
Kennebec	6	8
Knox	2	6
Lincoln	0	5
Oxford	2	3
Penobscot	45	134
Piscataquis	3	5
Sagadahoc	0	3
Somerset	7	9
Waldo	6	22
Washington	0	1
York	21	49
<b>Total</b>	<b>138</b>	<b>404</b>

## Positive Influenza Tests, Maine 2013-14



\*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, 2013-14 Influenza Season

- # of influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 17
  - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 1
  - # with resistance: 0

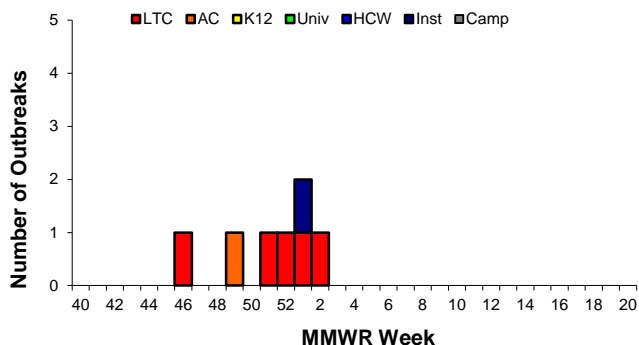
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 639 influenza viruses since October 1, 2013
  - 100% of influenza A/H1 samples match the vaccine strain
  - 100% of influenza A (H3N2) samples match the vaccine strain
  - 38% of influenza B samples match the trivalent vaccine strain
  - 100% of influenza B samples match the quadrivalent vaccine strain

## Influenza-Like Illness Outbreaks – Maine, 2013-14 Influenza Season

- # new outbreaks: 1
- Total outbreaks 2013-14 season: 7

### Influenza-Like Illness Outbreaks by Facility Type – Maine, 2013-14



### 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, 2013-14

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin		1						1
Aroostook						1		1
Cumberland								0
Franklin								0
Hancock	1							1
Kennebec	1							1
Knox								0
Lincoln								0
Oxford								0
Penobscot	2							2
Piscataquis								0
Sagadahoc								0
Somerset	1							1
Waldo								0
Washington								0
York								0
<b>Total</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>7</b>

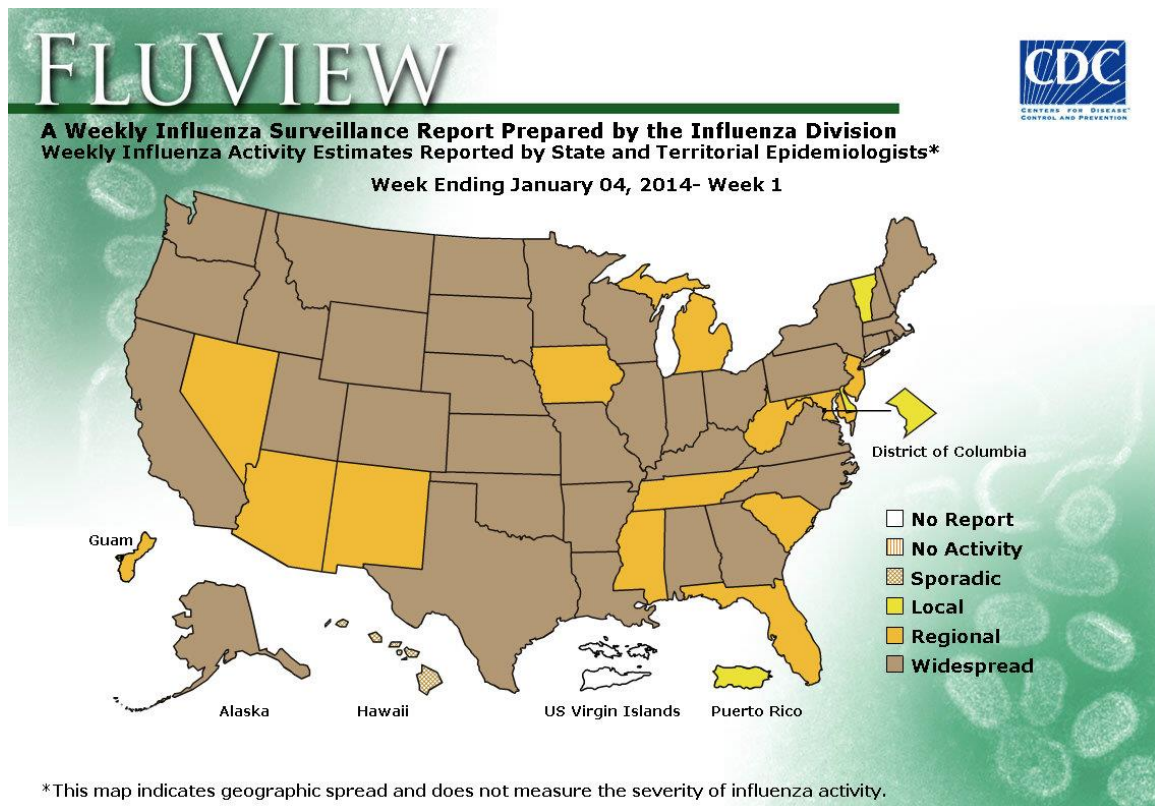
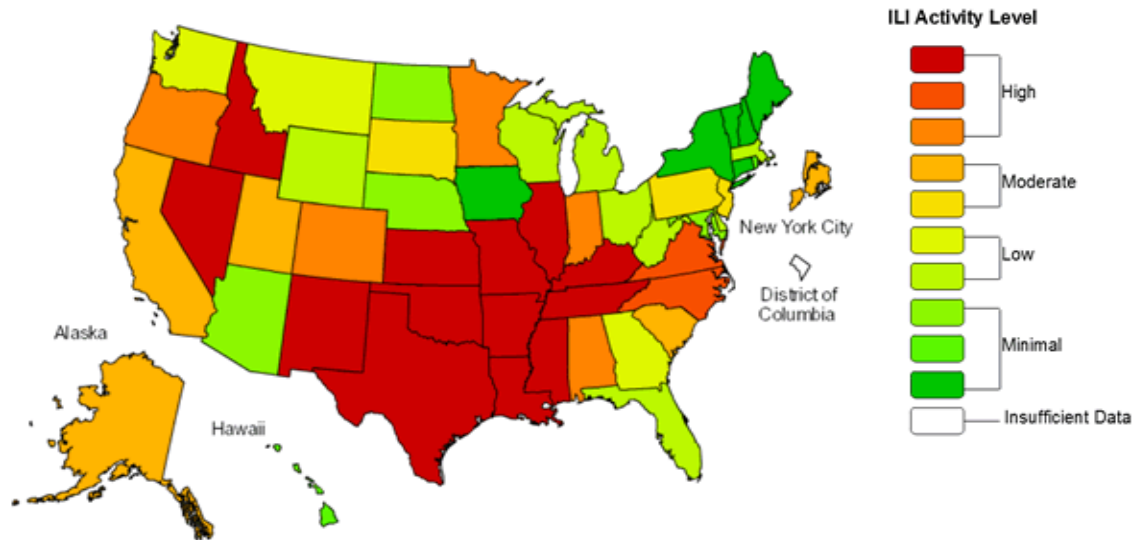
## Pediatric Influenza Deaths

- No pediatric influenza-associated deaths reported during the 2013-14 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 2013-14 Influenza Season Week 1 ending Jan 04, 2014



*All data is preliminary and subject to change*