

# Maine Weekly Influenza Surveillance Report

December 17, 2013

For MMWR week 50 (ending 12/14/13)

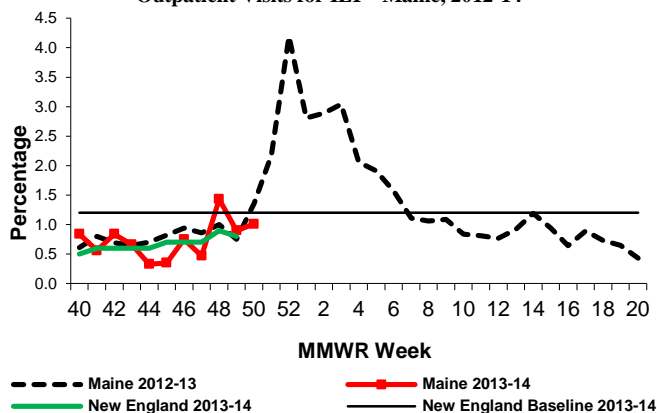
## New This Week

- Federal Flu Code: Regional

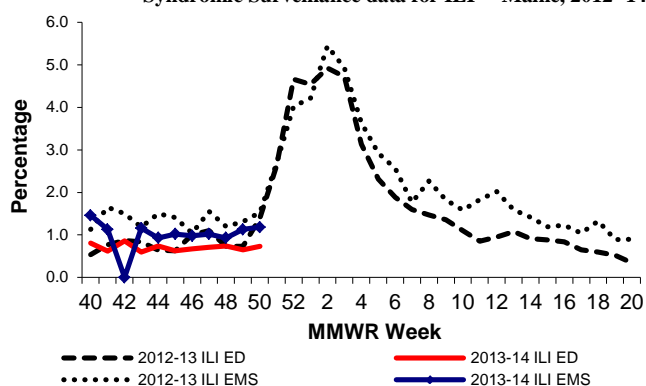
## Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 22
  - % of visits for Influenza-Like Illness (ILI): 1.01
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 0.73
  - % of Emergency Medical Services (EMS) runs for ILI: 1.18
- Number of Hospitals reporting: 3
  - % of admissions due to Pneumonia & Influenza (P&I): 2.9
- Electronic Death Reporting System
  - % of deaths due to P&I: No data

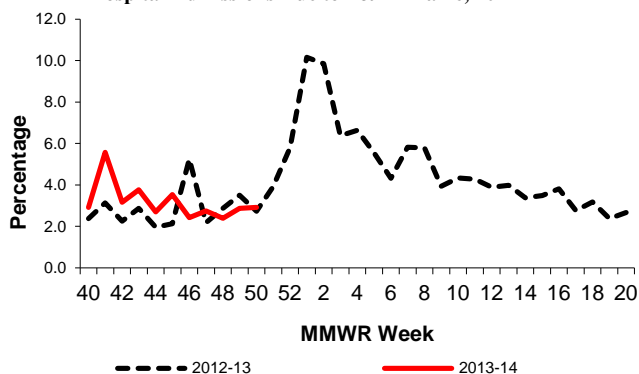
Outpatient Visits for ILI – Maine, 2012-14



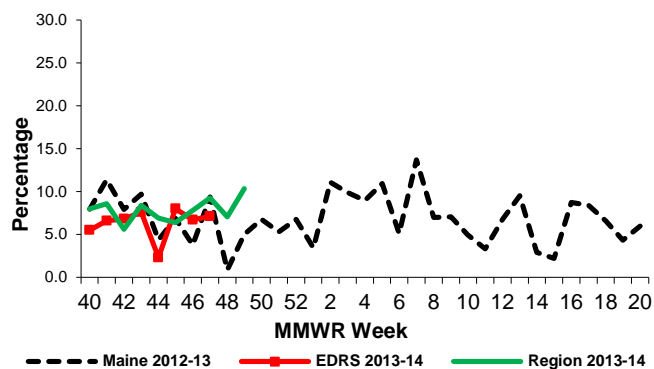
Syndromic Surveillance data for ILI – Maine, 2012 -14



Hospital Admissions Due to P&I – Maine, 2012-14



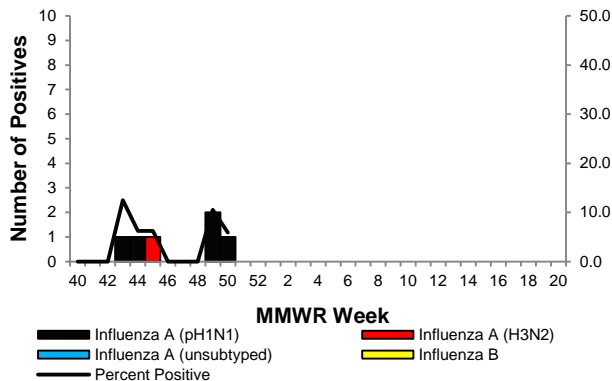
Deaths Attributable to P&I – Maine, 2012-14



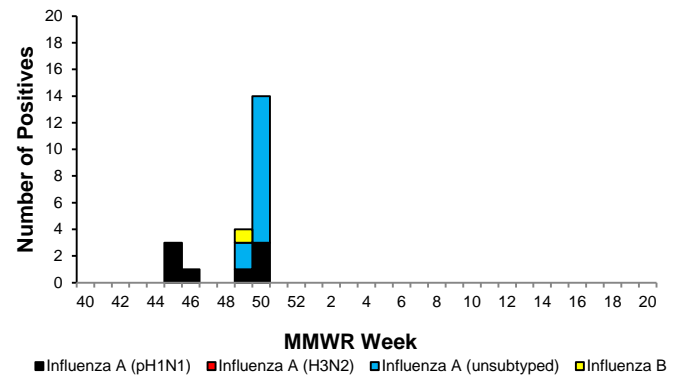
## Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 17
  - # positive: 1
  - % positive: 5.9
- # of samples tested at Maine Reference Labs: 88
  - # positive: 14
  - % positive: 15.9
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 6

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



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

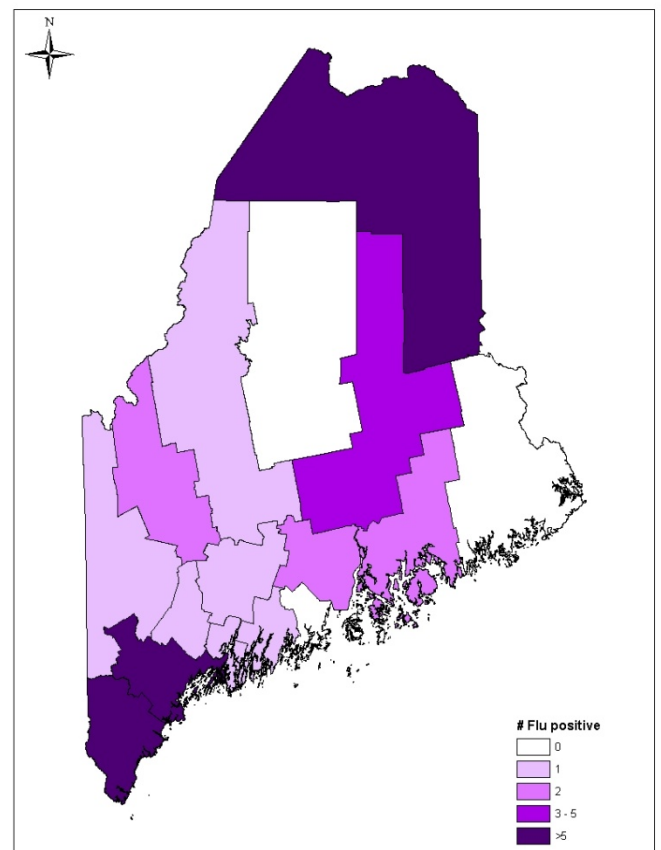


## Geographic Distribution of Lab Tests, Maine 2013-14

County	# Positives*
Androscoggin	1
Aroostook	6
Cumberland	8
Franklin	2
Hancock	2
Kennebec	1
Knox	0
Lincoln	1
Oxford	1
Penobscot	5
Piscataquis	0
Sagadahoc	1
Somerset	1
Waldo	2
Washington	0
York	7

\*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>

## Positive Influenza Tests, Maine 2013-14



## Antiviral Resistance – Maine, 2013-14 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

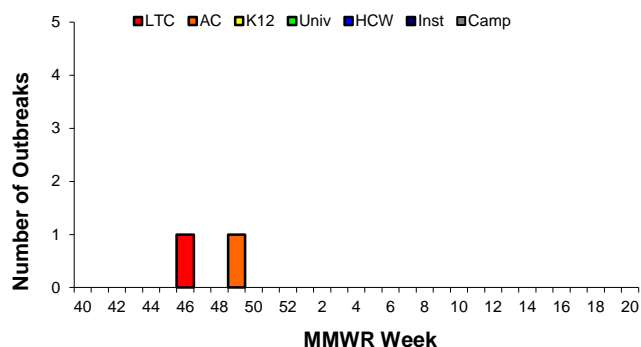
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 221 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
  - 33% 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: 0
- Total outbreaks 2013-14 season: 2

### 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								0
Cumberland								0
Franklin								0
Hancock								0
Kennebec								0
Knox								0
Lincoln								0
Oxford								0
Penobscot								0
Piscataquis								0
Sagadahoc								0
Somerset	1							1
Waldo								0
Washington								0
York								0
<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

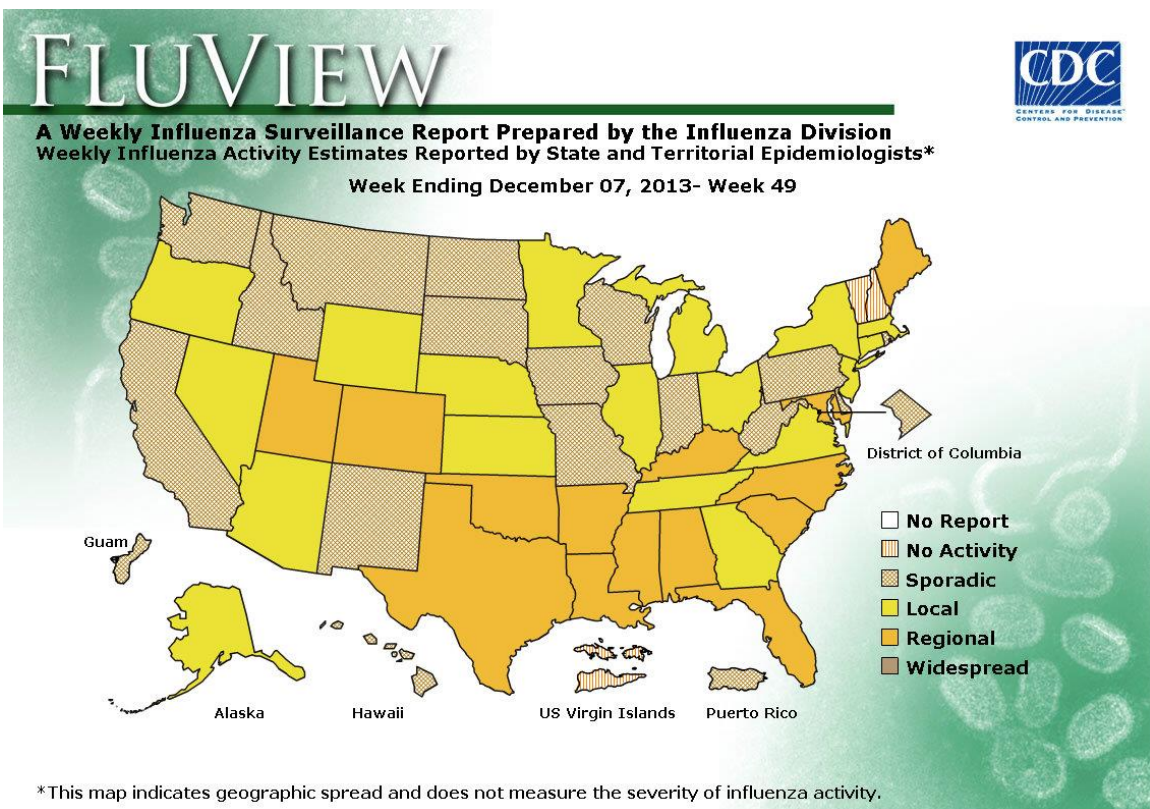
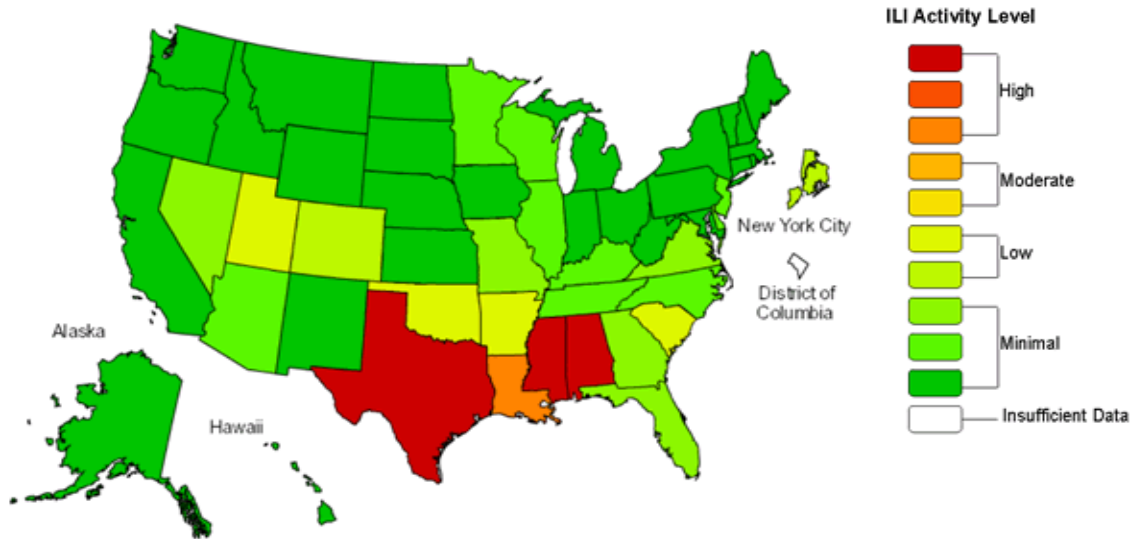
## Pediatric Influenza Deaths

- 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 49 ending Dec 07, 2013



*All data is preliminary and subject to change*