

# Maine Weekly Influenza Surveillance Report

March 26, 2014

For MMWR week 12 (ending 3/22/14)

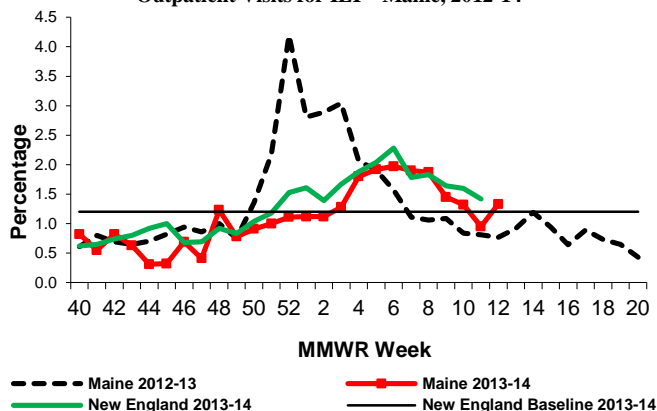
## New This Week

- Federal Flu Code: Regional
- 2 new outbreaks reported in long term care facilities

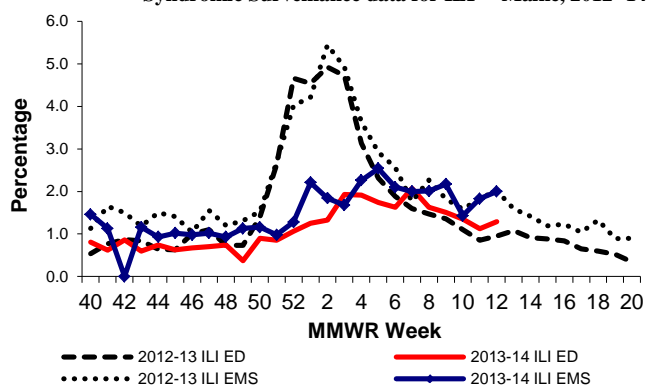
## Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 20
  - % of visits for Influenza-Like Illness (ILI): 1.33
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.29
  - % of Emergency Medical Services (EMS) runs for ILI: 2.00
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 2.9
- Electronic Death Reporting System
  - % of deaths due to P&I: 12.9

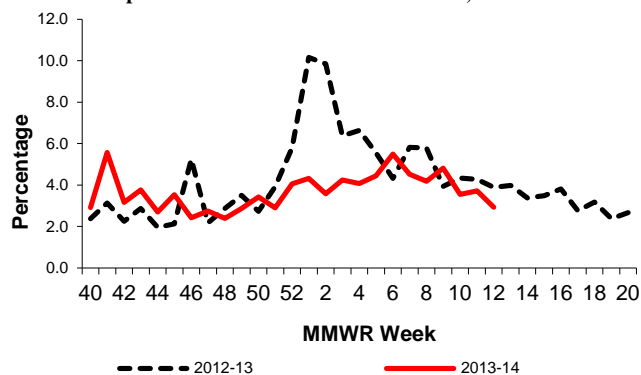
Outpatient Visits for ILI – Maine, 2012-14



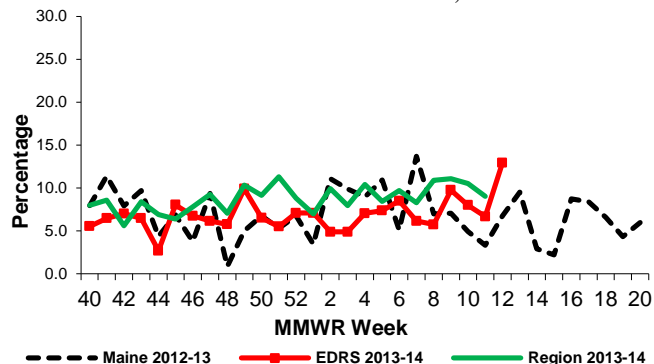
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



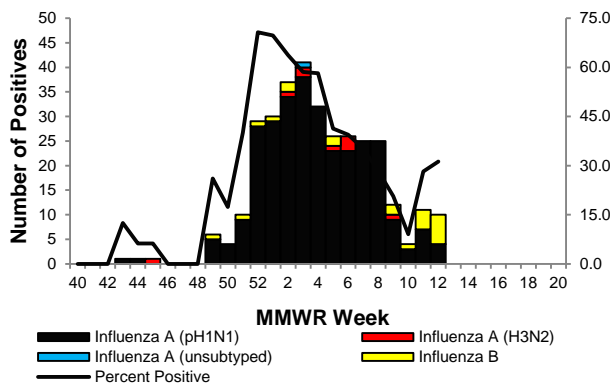
Deaths Attributable to P&I – Maine, 2012-14



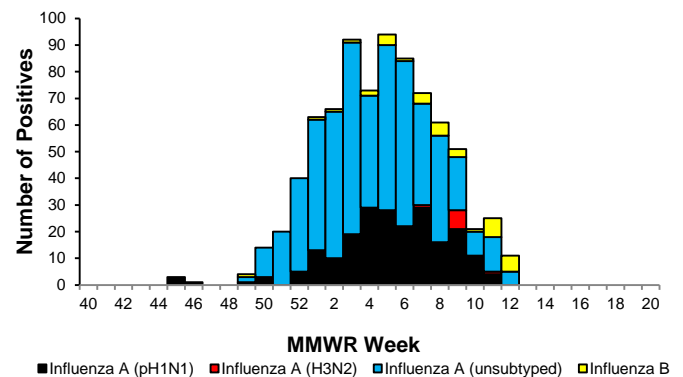
## Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 32
  - # positive: 10
  - % positive: 31.9
- # of samples tested at Maine Reference Labs: 81
  - # positive: 11
  - % positive: 13.6
- # of samples positive by rapid antigen test: **no data available due to technical issues**

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



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



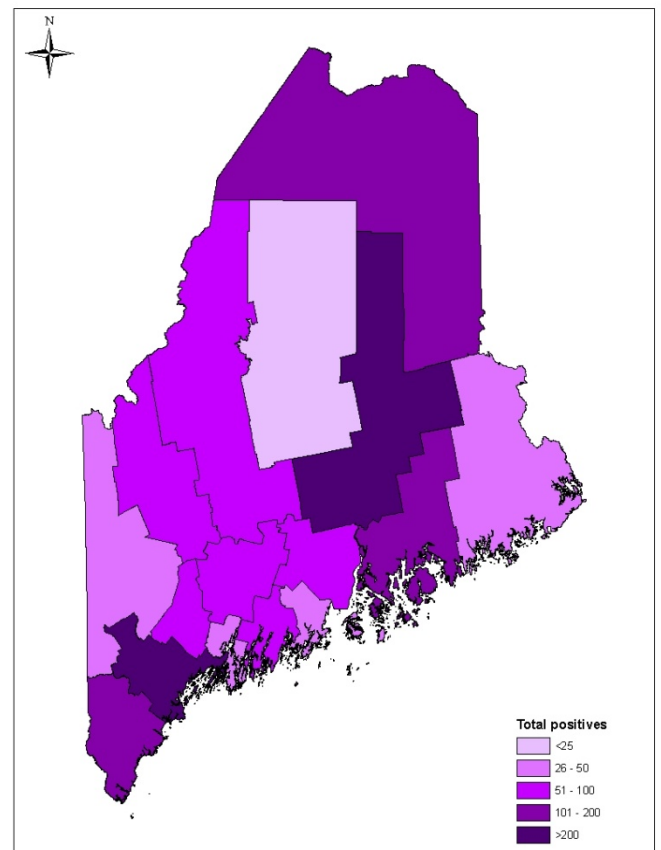
## Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin		77
Aroostook		101
Cumberland		264
Franklin		77
Hancock		114
Kennebec		87
Knox		31
Lincoln		70
Oxford		27
Penobscot		426
Piscataquis		14
Sagadahoc		26
Somerset		61
Waldo		64
Washington		50
York		163
<b>Total</b>		<b>1652</b>

**\*\*Due to technical issues – current week data and an updated total is not available.**

\*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: 57
  - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 6
  - # with resistance: 0

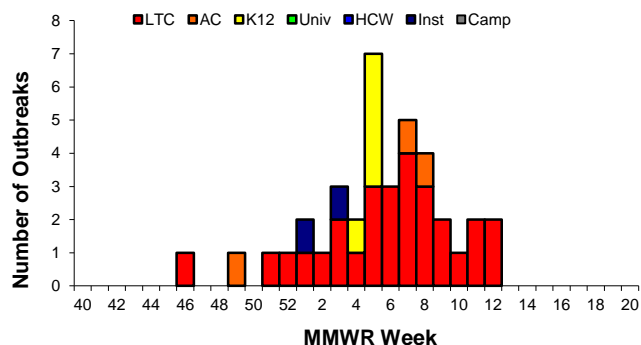
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,854 influenza viruses since October 1, 2013
  - 99.9% of influenza A/H1 samples match the vaccine strain
  - 99.6% of influenza A (H3N2) samples match the vaccine strain
  - 68% 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: 2
- Total outbreaks 2013-14 season: 38

### 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	2	2				1		5
Aroostook						1		1
Cumberland	9							9
Franklin								0
Hancock	1							1
Kennebec	1							1
Knox								0
Lincoln	2							2
Oxford	1							1
Penobscot	8	1						9
Piscataquis	2							2
Sagadahoc			1					1
Somerset	2							2
Waldo			3					3
Washington			1					1
York								0
<b>Total</b>	<b>28</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>38</b>

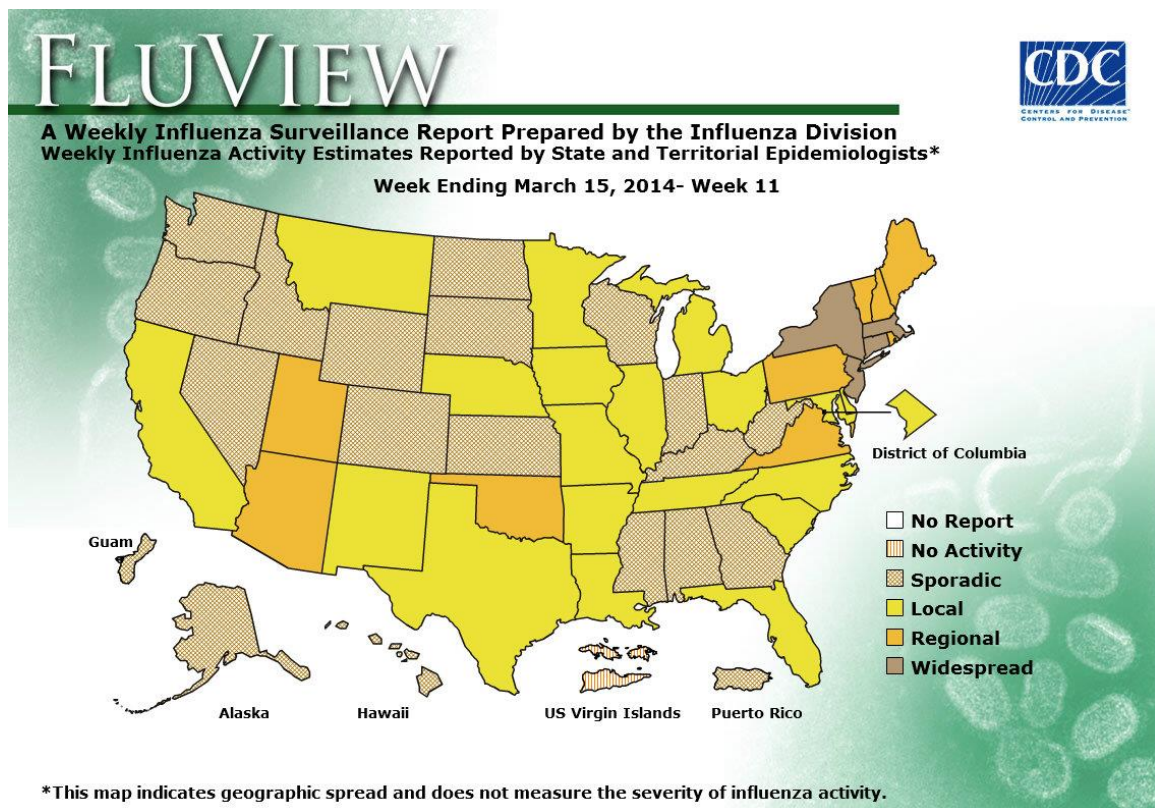
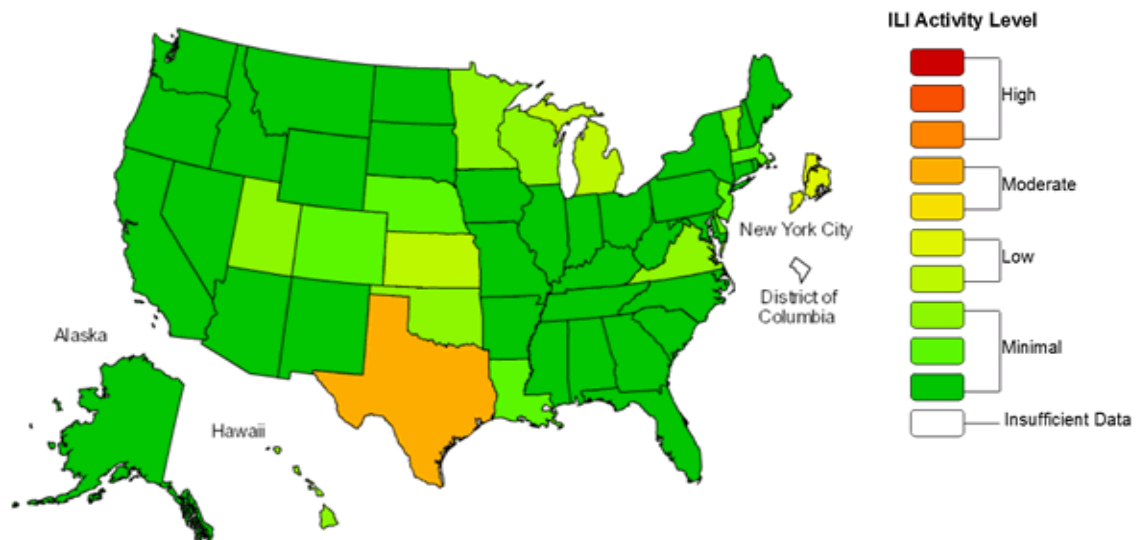
## Pediatric Influenza-Associated Deaths

- 1 pediatric influenza-associated death reported in a child from Western 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 2013-14 Influenza Season Week 11 ending Mar 15, 2014



*All data is preliminary and subject to change*