

# Maine Weekly Influenza Surveillance Report

March 4, 2014

For MMWR week 9 (ending 3/1/14)

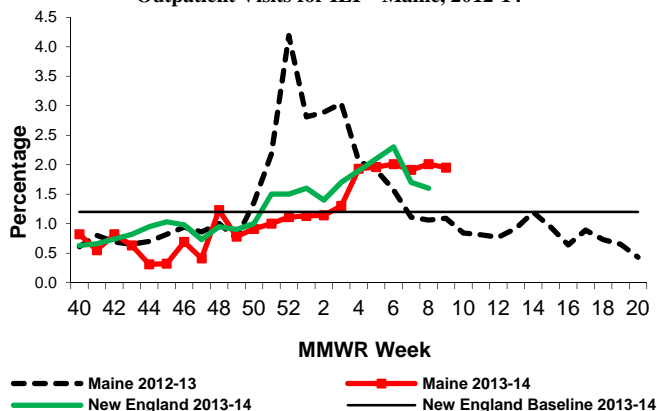
## New This Week

- Federal Flu Code: Widespread
- 3 new outbreaks reported in long term care facilities

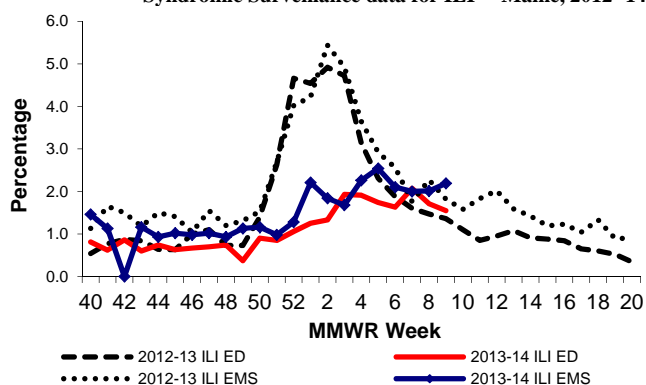
## Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 22
  - % of visits for Influenza-Like Illness (ILI): 1.95
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.55
  - % of Emergency Medical Services (EMS) runs for ILI: 2.19
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 4.5
- Electronic Death Reporting System
  - % of deaths due to P&I: 10.4

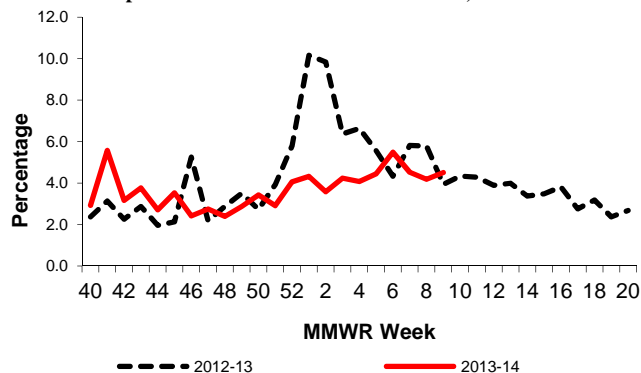
Outpatient Visits for ILI – Maine, 2012-14



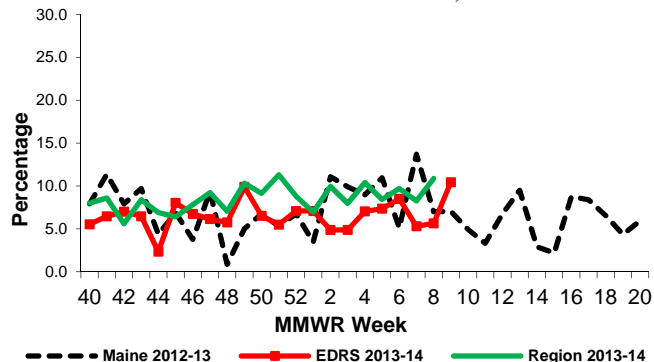
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



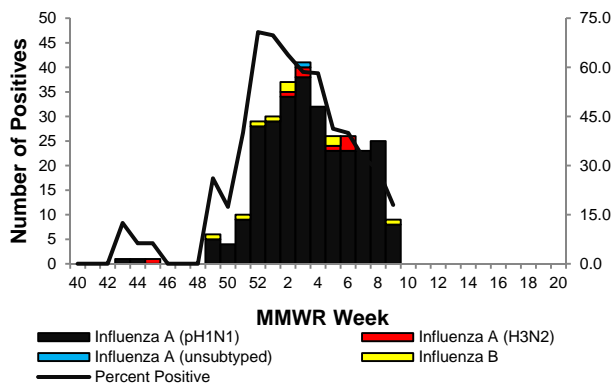
Deaths Attributable to P&I – Maine, 2012-14



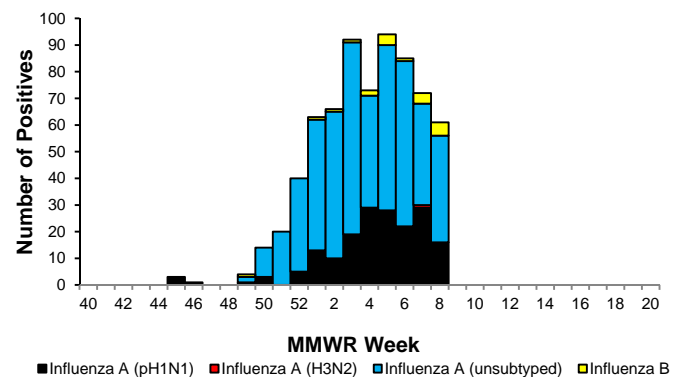
## Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 50
  - # positive: 9
  - % positive: 18.0
- # of samples tested at Maine Reference Labs: 215
  - # positive: 51
  - % positive: 23.7
- # of samples positive by rapid antigen test: 27

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



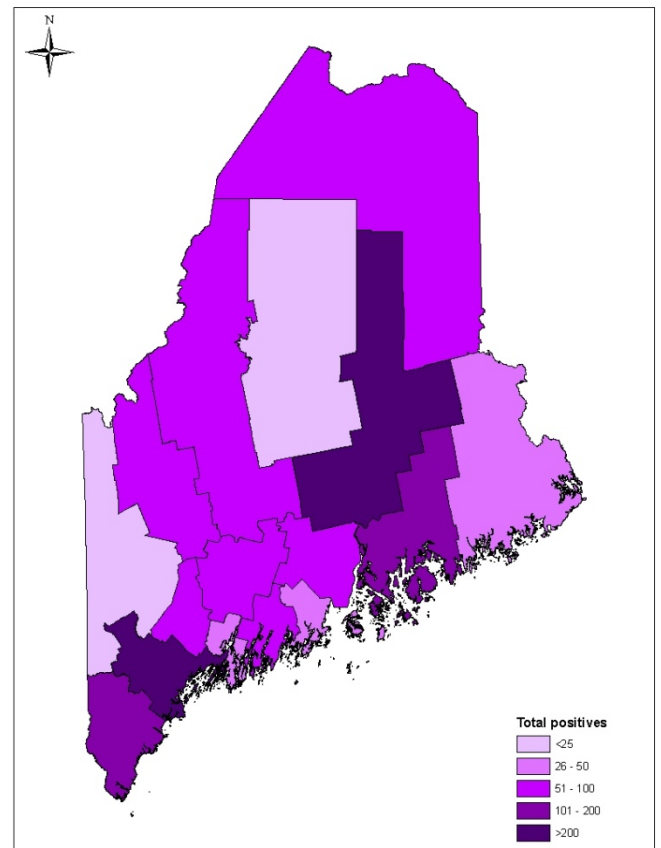
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



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

County	New this week	Total positives
Androscoggin	4	71
Aroostook	0	99
Cumberland	27	239
Franklin	3	61
Hancock	5	105
Kennebec	4	77
Knox	2	29
Lincoln	4	69
Oxford	0	25
Penobscot	15	402
Piscataquis	0	12
Sagadahoc	2	26
Somerset	5	59
Waldo	2	61
Washington	0	49
York	7	159
<b>Total</b>	<b>80</b>	<b>1543</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: 42
  - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 5
  - # with resistance: 0

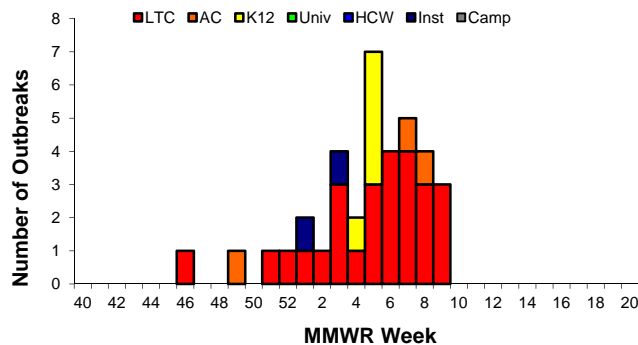
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,281 influenza viruses since October 1, 2013
  - 99.9% of influenza A/H1 samples match the vaccine strain
  - 100% of influenza A (H3N2) samples match the vaccine strain
  - 62% 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: 3
- Total outbreaks 2013-14 season: 36

### 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	8							8
Franklin								0
Hancock	1							1
Kennebec	2							2
Knox								0
Lincoln	2							2
Oxford	2							2
Penobscot	6	1						7
Piscataquis	2							2
Sagadahoc			1					1
Somerset	1							1
Waldo			3					3
Washington			1					1
York								0
<b>Total</b>	<b>26</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>36</b>

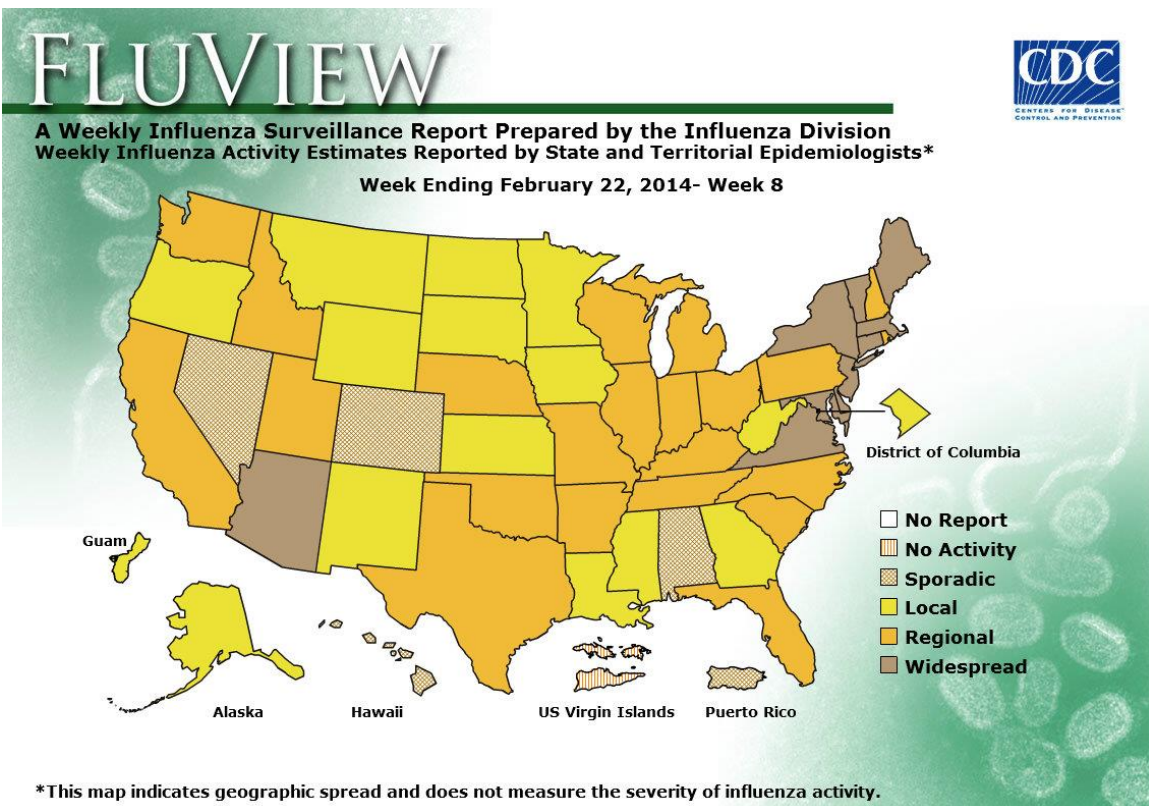
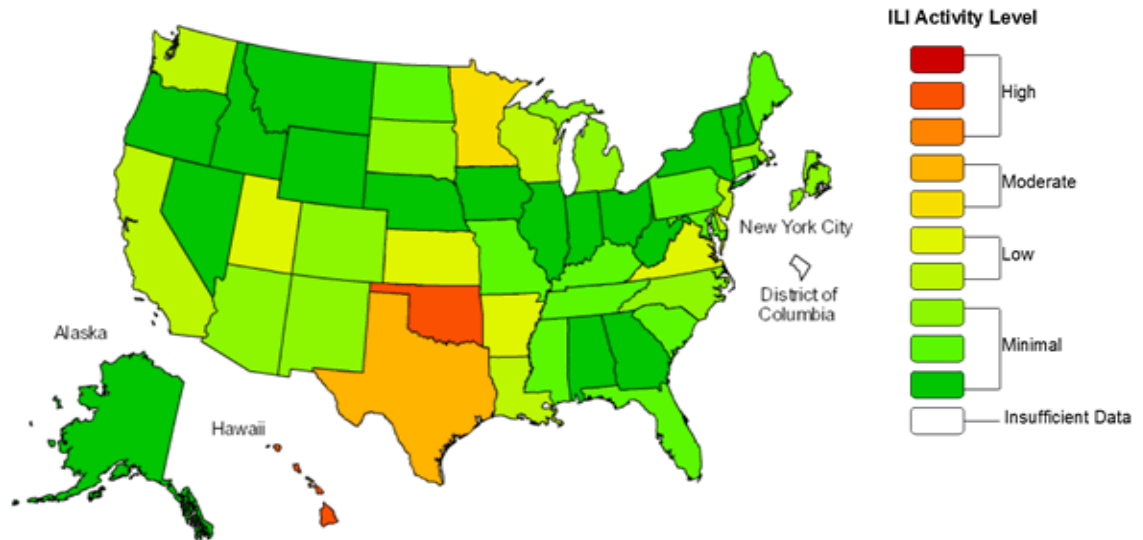
## Pediatric Influenza-Associated Deaths

- 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 8 ending Feb 22, 2014



*All data is preliminary and subject to change*