

# Maine Weekly Influenza Surveillance Report

February 4, 2014

For MMWR week 5 (ending 2/1/14)

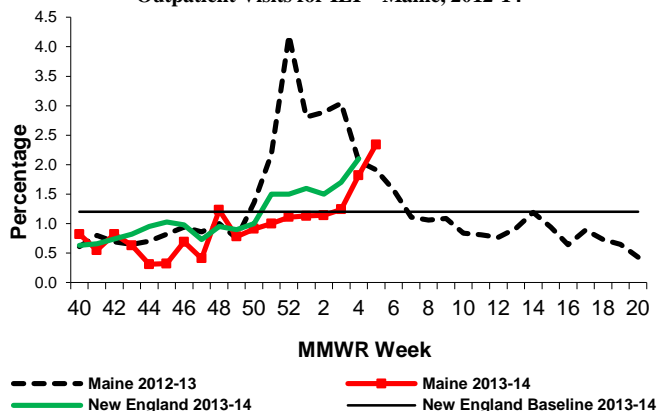
## New This Week

- Federal Flu Code: Widespread
- 7 new outbreaks reported; 3 in long term care facilities, and 4 in K-12 schools

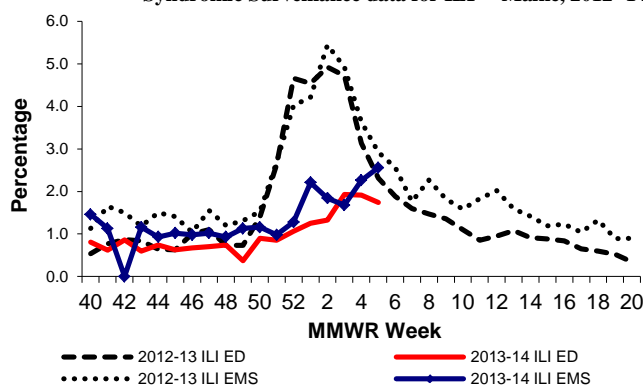
## Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 22
  - % of visits for Influenza-Like Illness (ILI): 2.34
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.74
  - % of Emergency Medical Services (EMS) runs for ILI: 2.56
- Number of Hospitals reporting: 3
  - % of admissions due to Pneumonia & Influenza (P&I): 3.7
- Electronic Death Reporting System
  - % of deaths due to P&I: no data

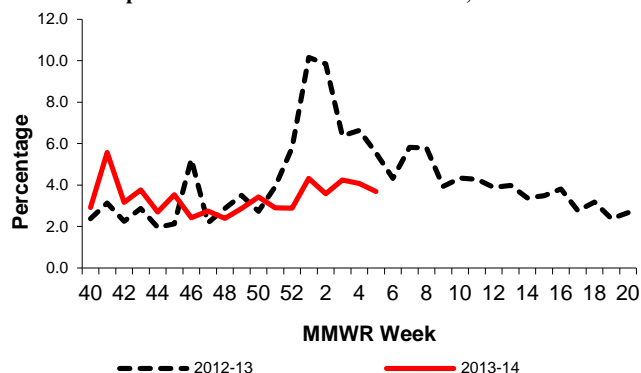
Outpatient Visits for ILI – Maine, 2012-14



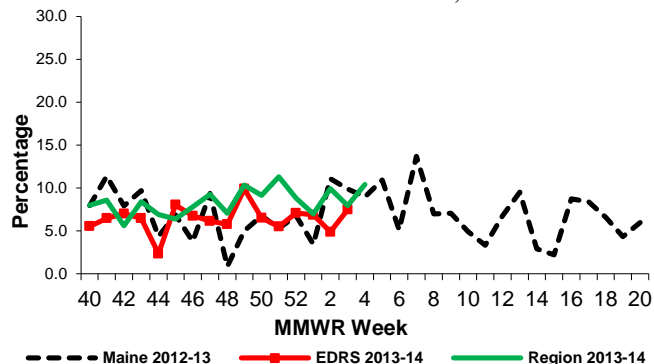
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



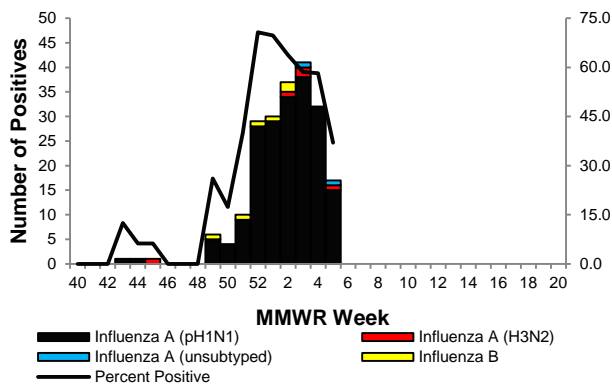
Deaths Attributable to P&I – Maine, 2012-14



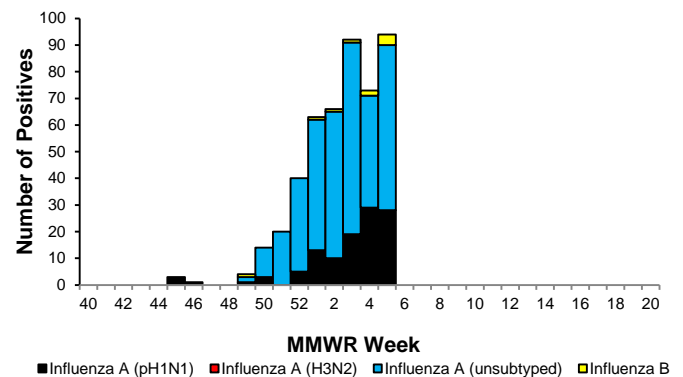
## Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 46
  - # positive: 17
  - % positive: 37.0
- # of samples tested at Maine Reference Labs: 265
  - # positive: 94
  - % positive: 35.5
- # of samples positive by rapid antigen test: 61

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



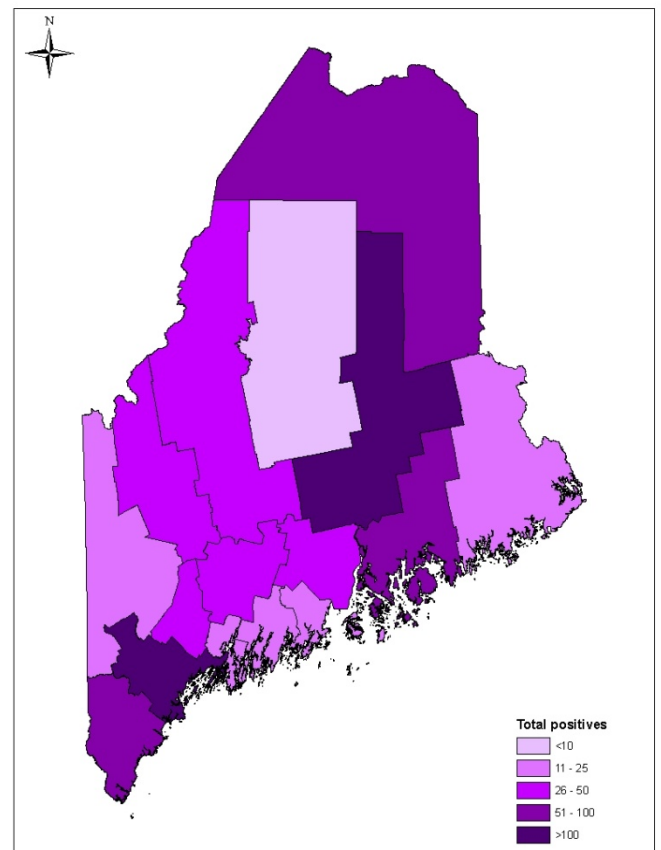
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



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

County	New this week	Total positives
Androscoggin	1	30
Aroostook	6	90
Cumberland	28	144
Franklin	3	36
Hancock	11	63
Kennebec	11	44
Knox	2	14
Lincoln	9	17
Oxford	4	15
Penobscot	38	274
Piscataquis	1	6
Sagadahoc	7	17
Somerset	12	40
Waldo	3	41
Washington	4	21
York	17	99
<b>Total</b>	<b>157</b>	<b>951</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: 37
  - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 3
  - # with resistance: 0

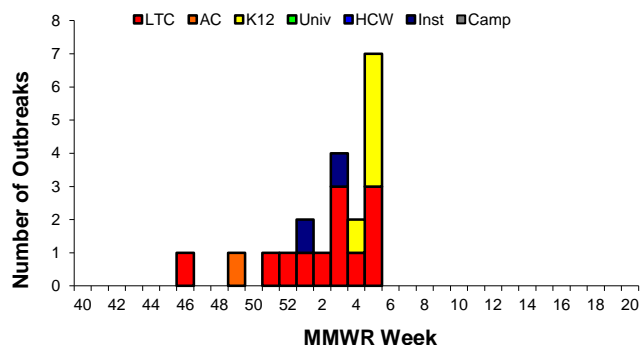
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 978 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
  - 56% 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: 7
- Total outbreaks 2013-14 season: 20

### 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		2
Aroostook						1		1
Cumberland	3							3
Franklin								0
Hancock	1							1
Kennebec	2							2
Knox								0
Lincoln								0
Oxford								0
Penobscot	5							5
Piscataquis								0
Sagadahoc			1					1
Somerset	1							1
Waldo			3					3
Washington			1					1
York								0
<b>Total</b>	<b>12</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>20</b>

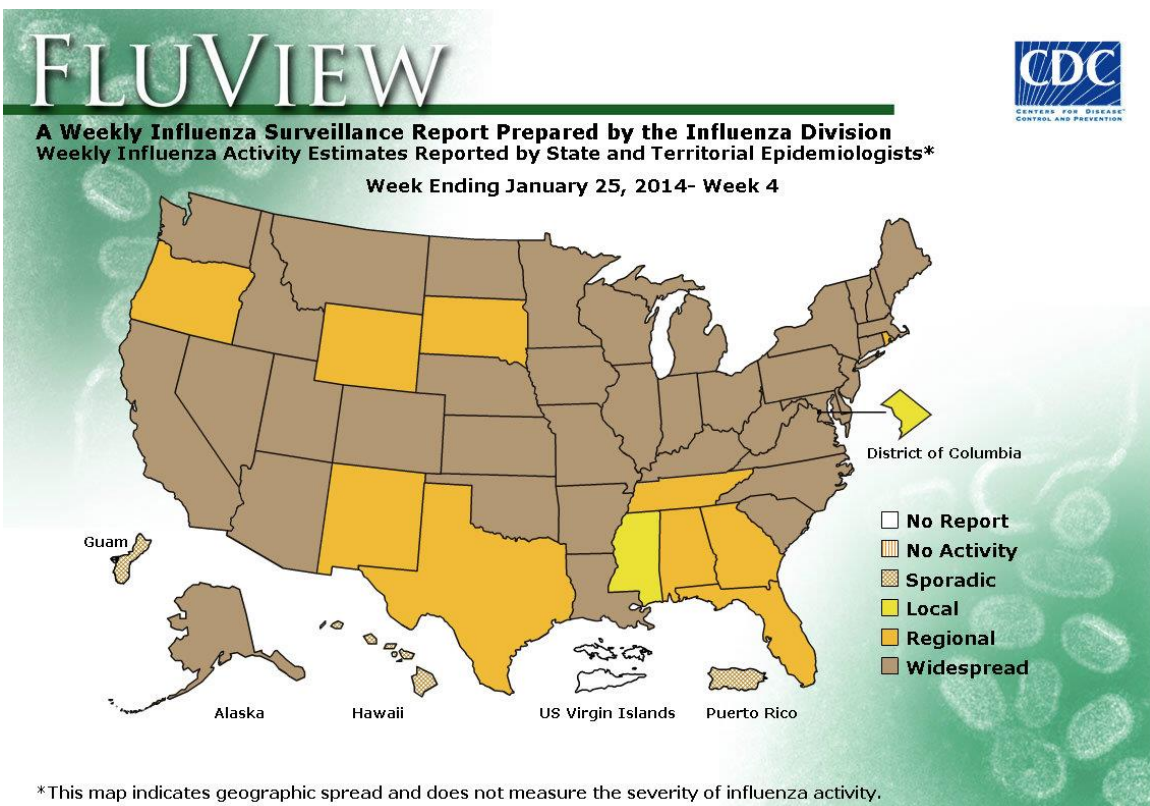
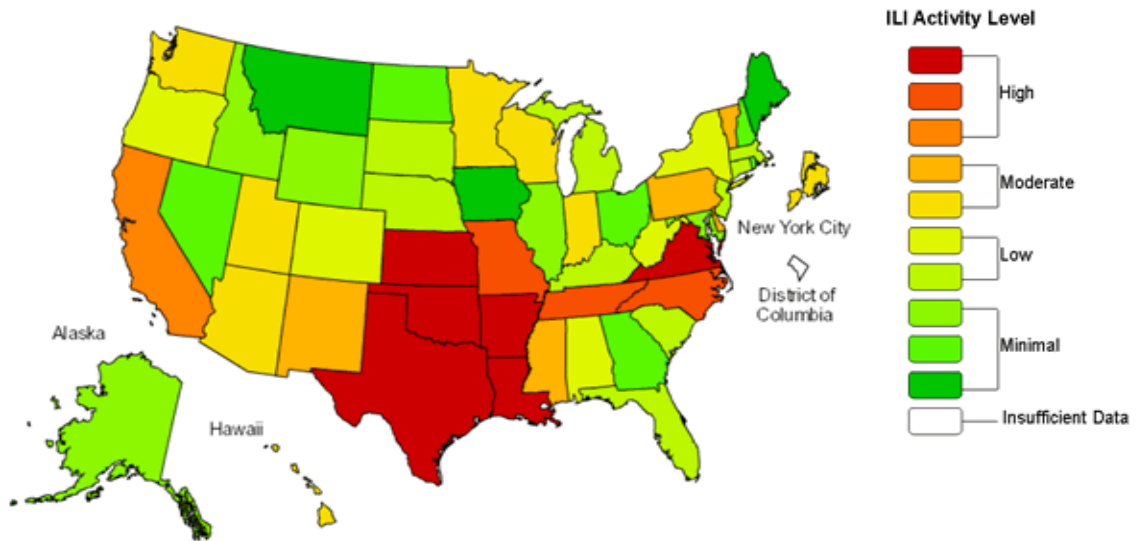
## Pediatric Influenza Deaths

- 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 4 ending Jan 25, 2014



*All data is preliminary and subject to change*