

Maine Weekly Influenza Surveillance Report

March 18, 2014

For MMWR week 11 (ending 3/15/14)

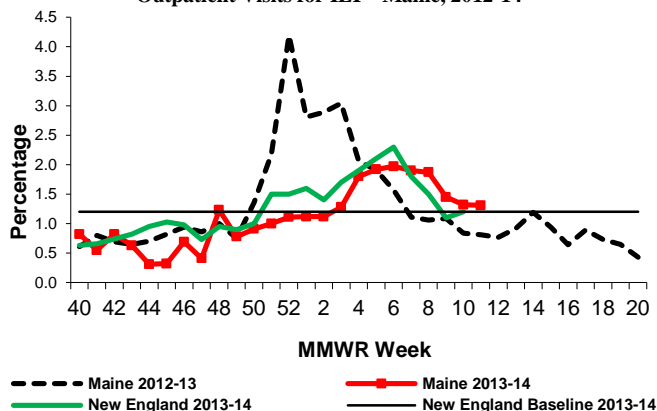
New This Week

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

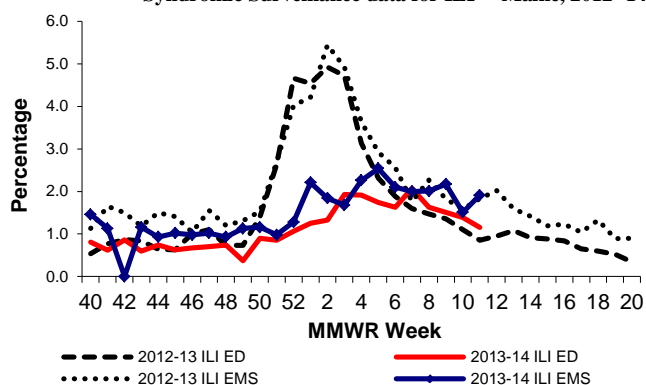
Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 21
 - % of visits for Influenza-Like Illness (ILI): 1.31
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 1.15
 - % of Emergency Medical Services (EMS) runs for ILI: 1.91
- Number of Hospitals reporting: 1
 - % of admissions due to Pneumonia & Influenza (P&I): 2.8
- Electronic Death Reporting System
 - % of deaths due to P&I: 7.8

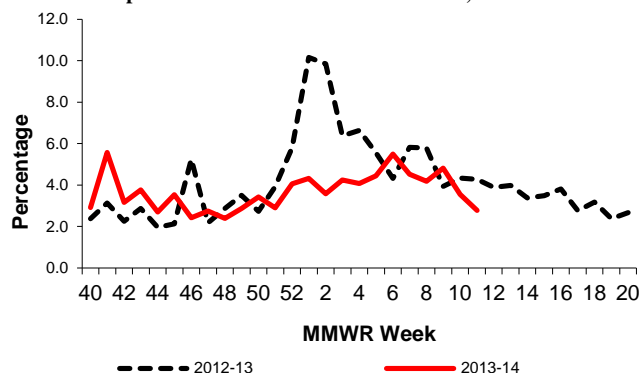
Outpatient Visits for ILI – Maine, 2012-14



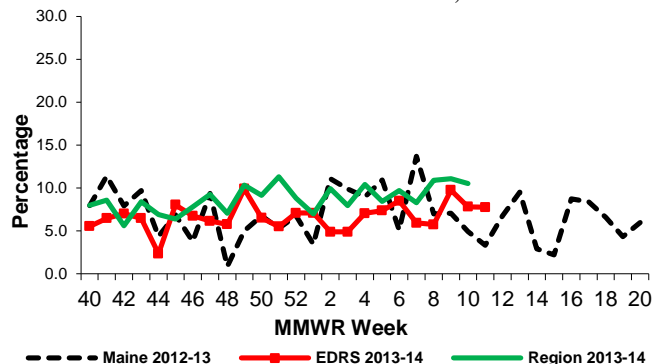
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



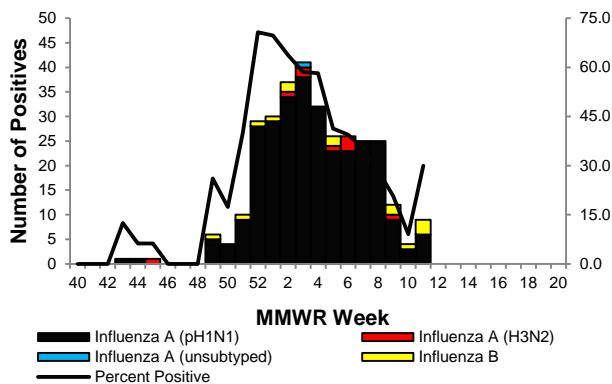
Deaths Attributable to P&I – Maine, 2012-14



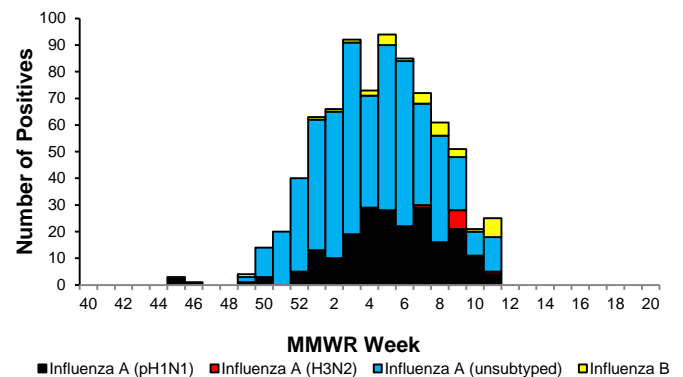
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 30
 - # positive: 9
 - % positive: 30.0
- # of samples tested at Maine Reference Labs: 135
 - # positive: 25
 - % positive: 18.5
- # of samples positive by rapid antigen test: 18

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



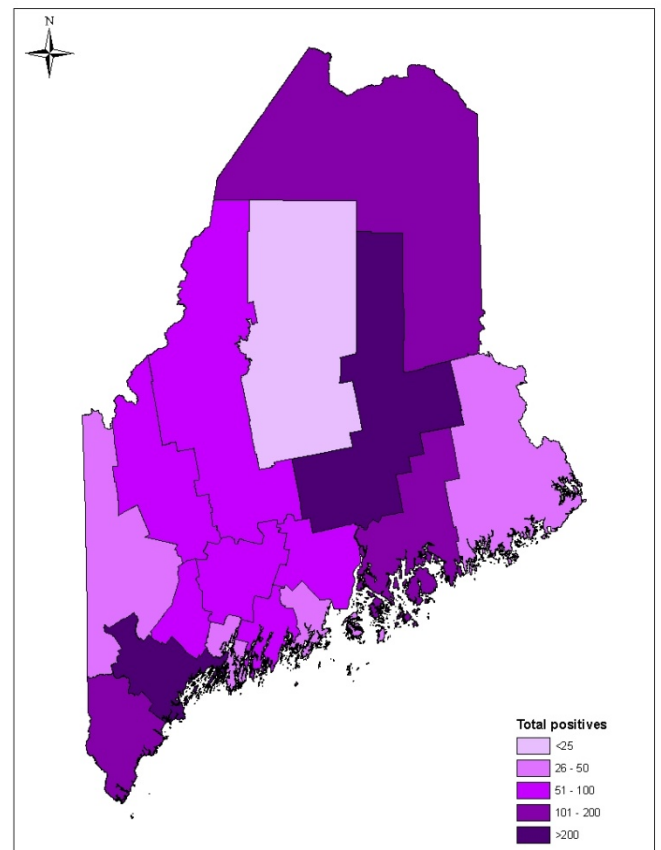
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin	3	77
Aroostook	1	101
Cumberland	13	264
Franklin	5	77
Hancock	6	114
Kennebec	3	87
Knox	1	31
Lincoln	0	70
Oxford	2	27
Penobscot	11	426
Piscataquis	2	14
Sagadahoc	0	26
Somerset	0	61
Waldo	1	64
Washington	0	50
York	2	163
Total	50	1652

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: 52
 - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 6
 - # with resistance: 0

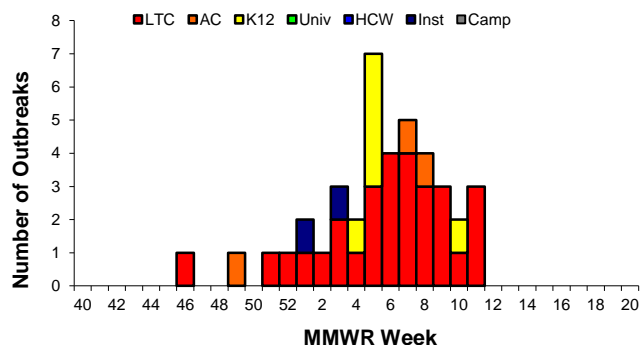
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,668 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
 - 64% 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: 39

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	7	1						8
Piscataquis	2							2
Sagadahoc			1					1
Somerset	3							3
Waldo			3					3
Washington			1					1
York			1					1
Total	28	3	6	0	0	2	0	39

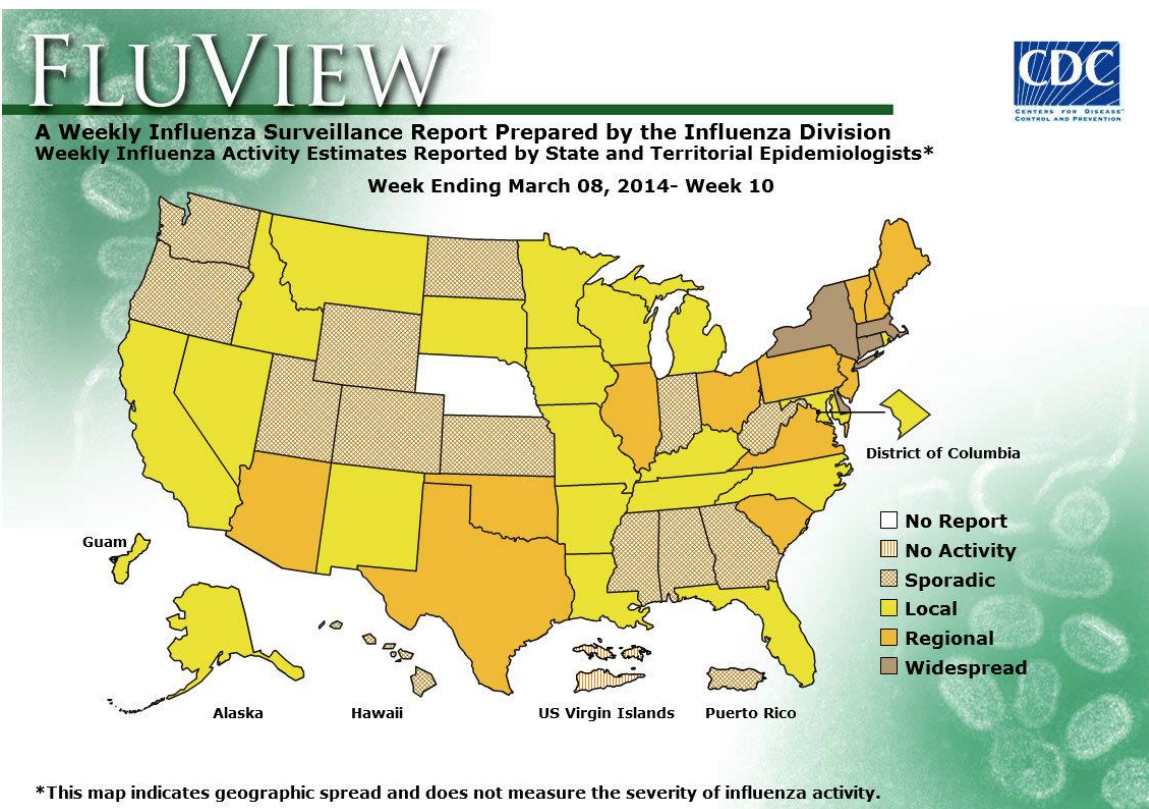
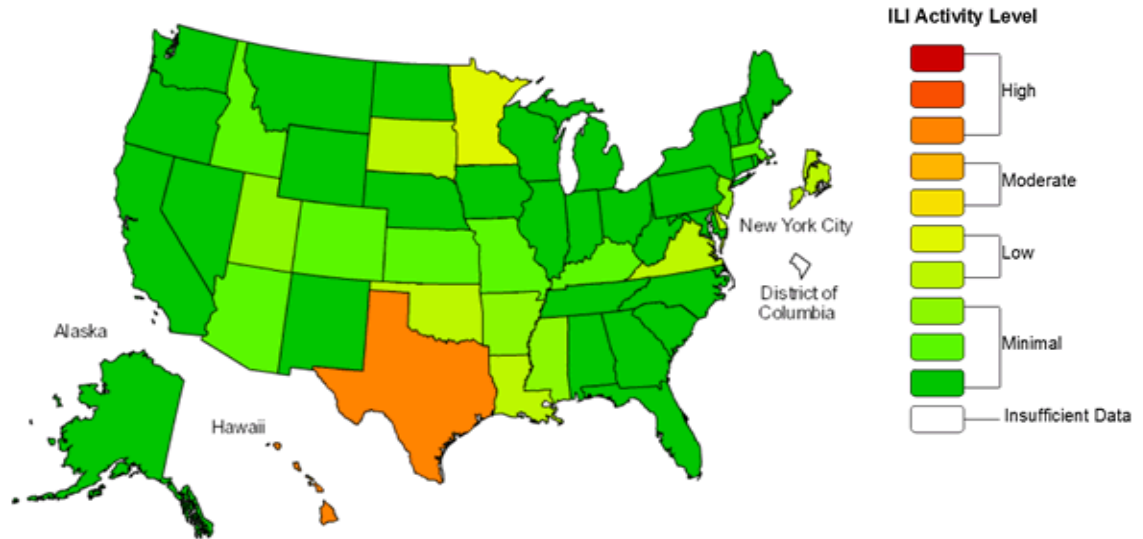
Pediatric Influenza-Associated Deaths

- 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 10 ending Mar 08, 2014



All data is preliminary and subject to change