

Maine Weekly Influenza Surveillance Report

February 25, 2014

For MMWR week 8 (ending 2/22/14)

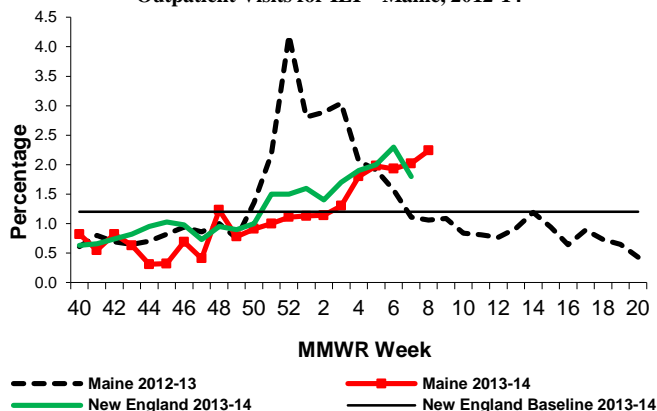
New This Week

- Federal Flu Code: Widespread
- 4 new outbreaks reported; 3 in long term care facilities and 1 in an acute care facility

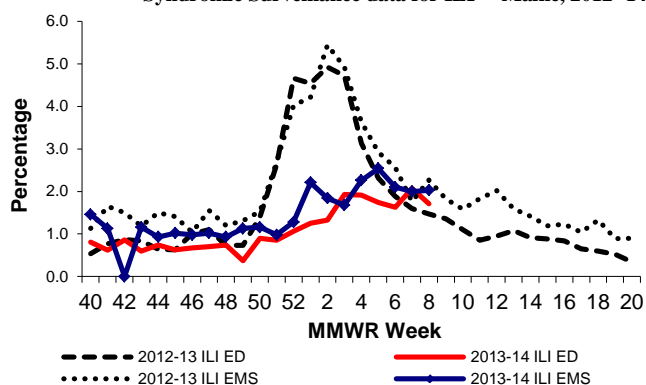
Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 21
 - % of visits for Influenza-Like Illness (ILI): 2.24
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 1.71
 - % of Emergency Medical Services (EMS) runs for ILI: 2.03
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 3.3
- Electronic Death Reporting System
 - % of deaths due to P&I: 5.6

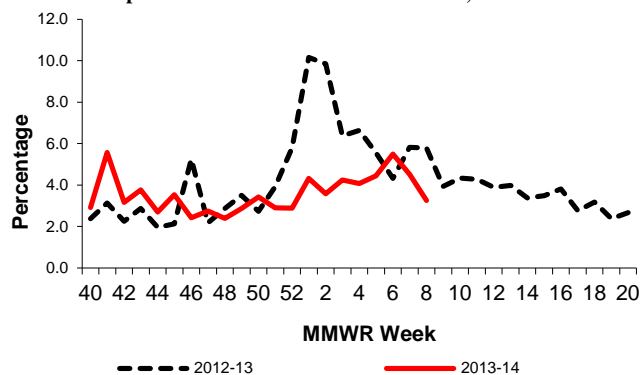
Outpatient Visits for ILI – Maine, 2012-14



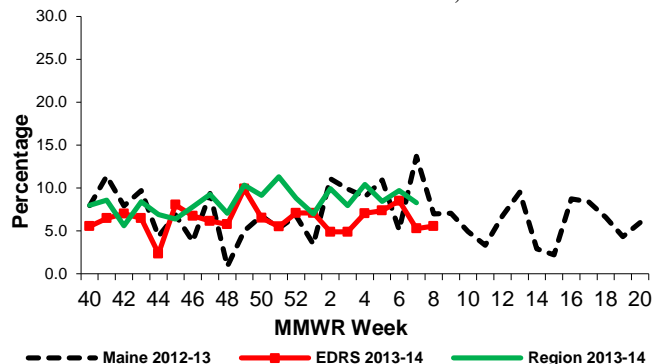
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



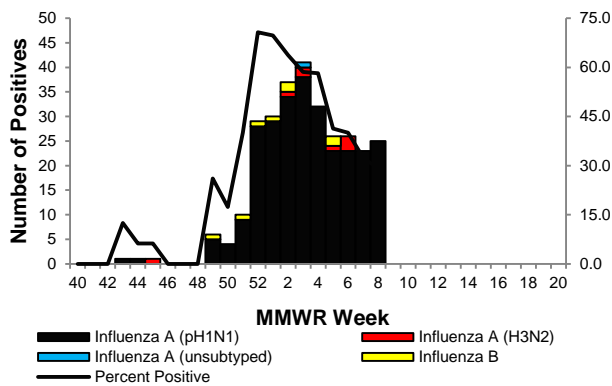
Deaths Attributable to P&I – Maine, 2012-14



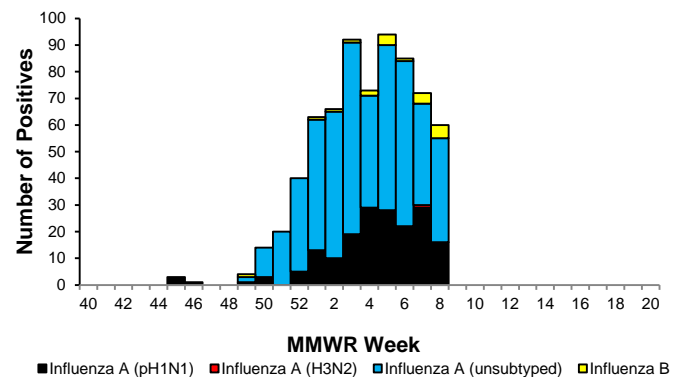
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 86
 - # positive: 25
 - % positive: 29.1
- # of samples tested at Maine Reference Labs: 269
 - # positive: 60
 - % positive: 22.3
- # of samples positive by rapid antigen test: 33

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



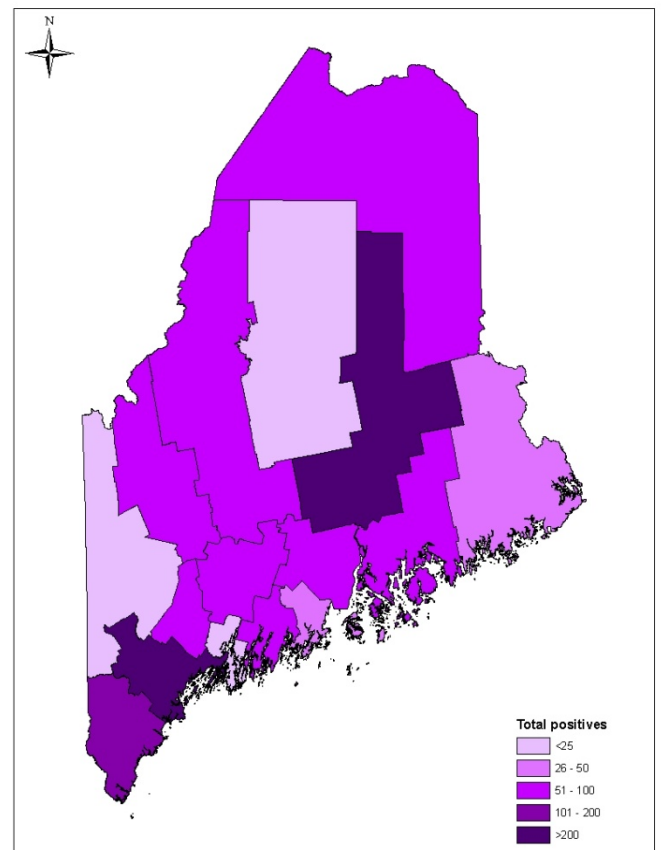
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin	8	66
Aroostook	1	99
Cumberland	14	211
Franklin	1	55
Hancock	10	100
Kennebec	6	71
Knox	3	27
Lincoln	14	58
Oxford	1	25
Penobscot	31	386
Piscataquis	3	12
Sagadahoc	2	23
Somerset	2	54
Waldo	2	59
Washington	6	49
York	6	152
Total	110	1447

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

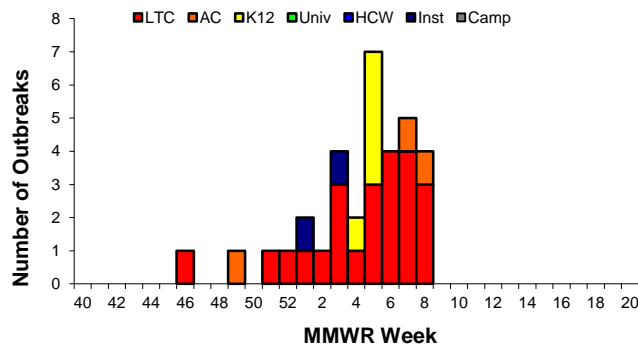
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,056 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: 4
- Total outbreaks 2013-14 season: 33

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	6							6
Franklin								0
Hancock	1							1
Kennebec	2							2
Knox								0
Lincoln	2							2
Oxford	2							2
Penobscot	5	1						6
Piscataquis	2							2
Sagadahoc			1					1
Somerset	1							1
Waldo			3					3
Washington			1					1
York								0
Total	23	3	5	0	0	2	0	33

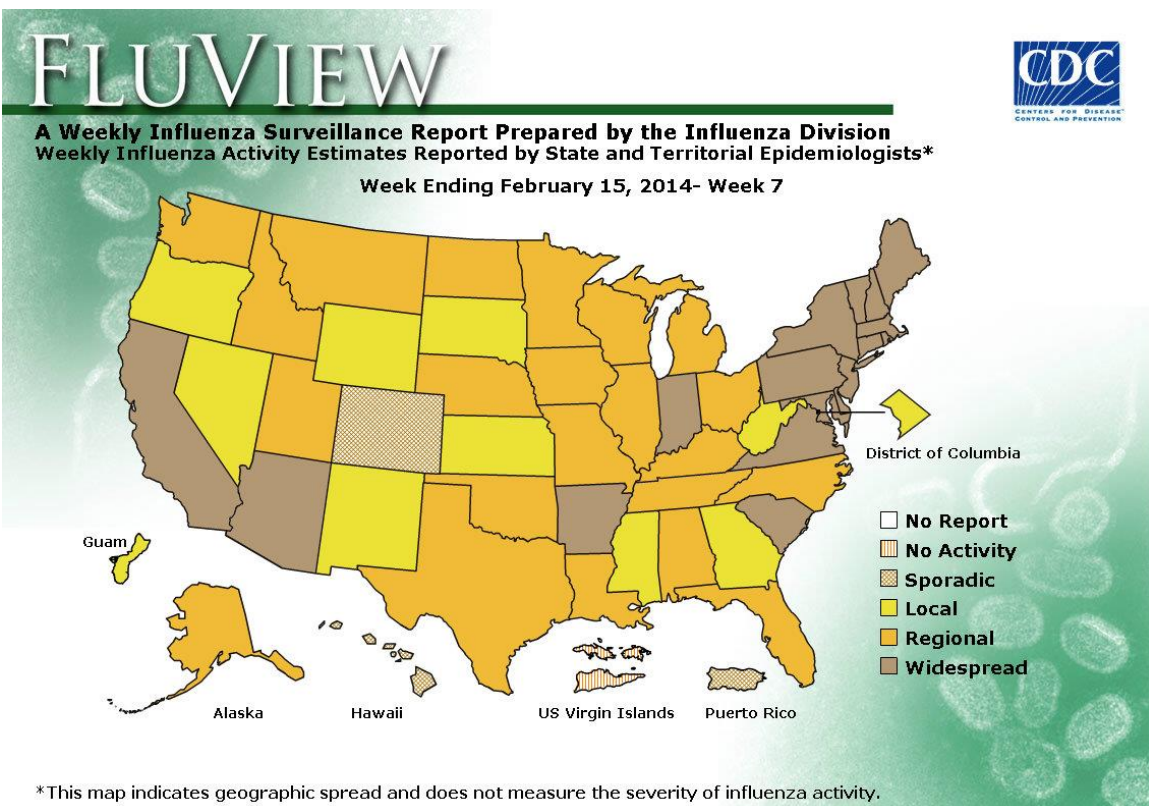
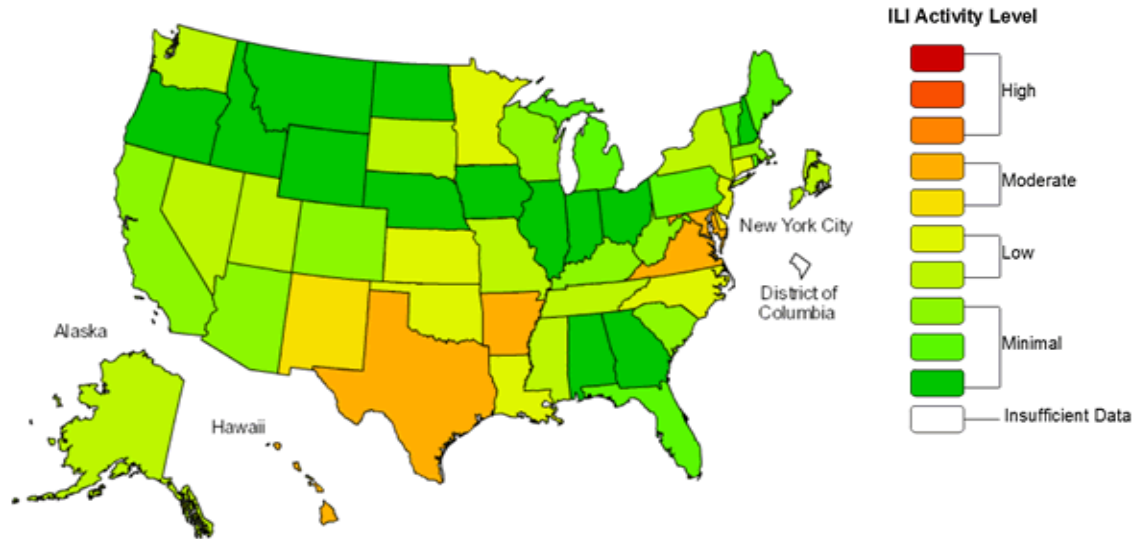
Pediatric Influenza-Associated Deaths

- 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 7 ending Feb 15, 2014



All data is preliminary and subject to change