

Maine Weekly Influenza Surveillance Report

February 11, 2014

For MMWR week 6 (ending 2/8/14)

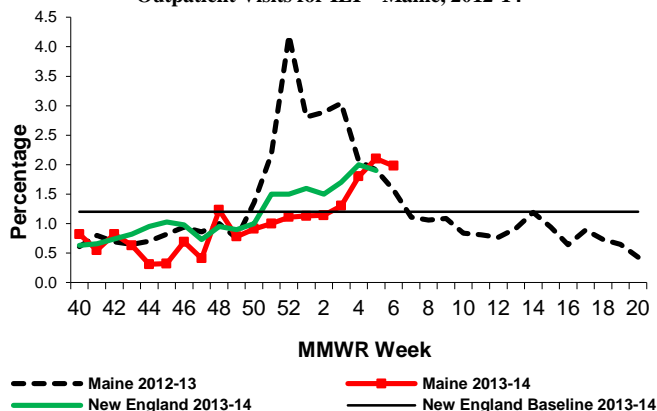
New This Week

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

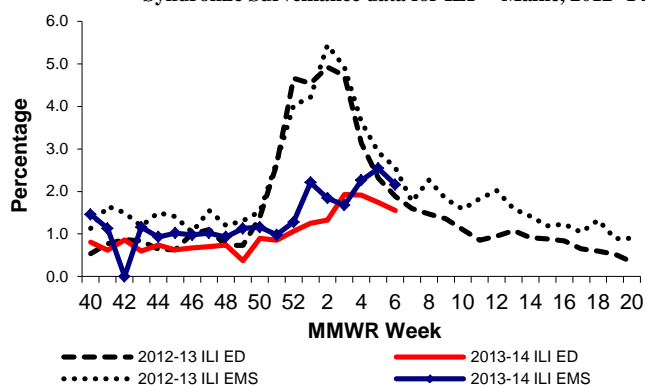
Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 23
 - % of visits for Influenza-Like Illness (ILI): 1.98
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 1.55
 - % of Emergency Medical Services (EMS) runs for ILI: 2.16
- Number of Hospitals reporting: 3
 - % of admissions due to Pneumonia & Influenza (P&I): 5.2
- Electronic Death Reporting System
 - % of deaths due to P&I: 11.3

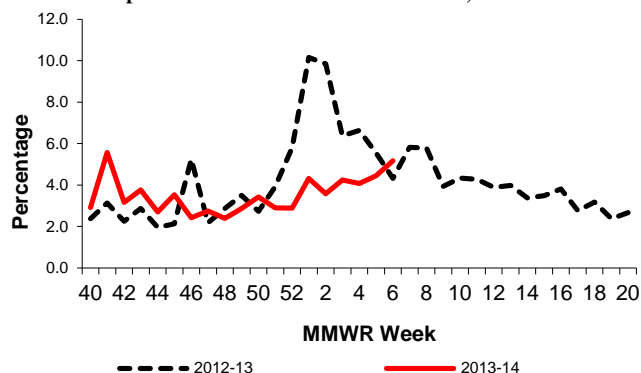
Outpatient Visits for ILI – Maine, 2012-14



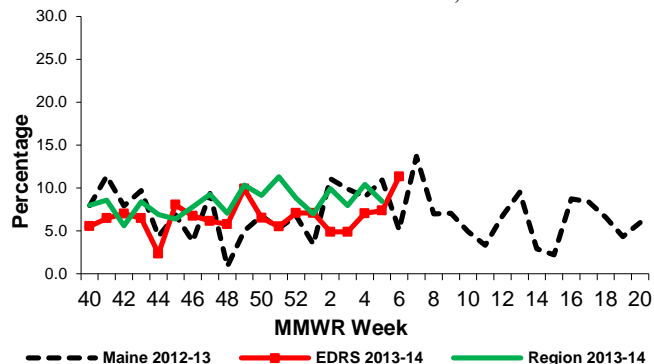
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



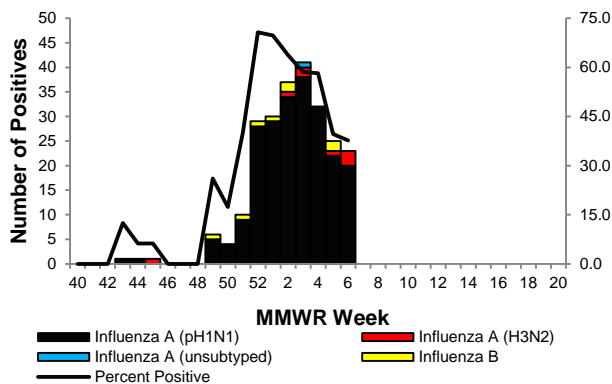
Deaths Attributable to P&I – Maine, 2012-14



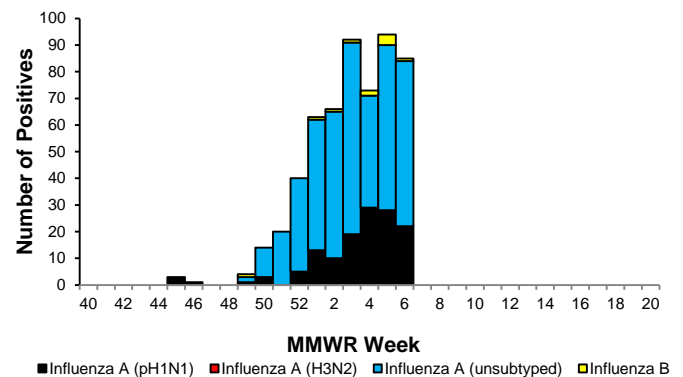
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 61
 - # positive: 23
 - % positive: 37.7
- # of samples tested at Maine Reference Labs: 257
 - # positive: 85
 - % positive: 33.1
- # of samples positive by rapid antigen test: 70

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



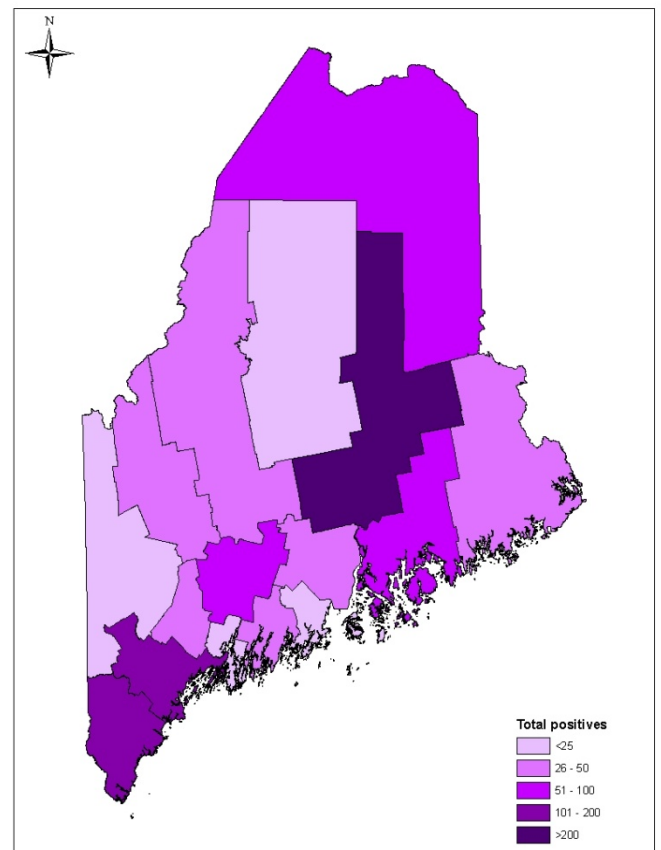
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin	4	37
Aroostook	4	95
Cumberland	20	165
Franklin	7	44
Hancock	7	72
Kennebec	6	51
Knox	1	15
Lincoln	15	32
Oxford	2	20
Penobscot	21	310
Piscataquis	2	8
Sagadahoc	0	17
Somerset	9	50
Waldo	5	47
Washington	6	28
York	18	120
Total	127	1111

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

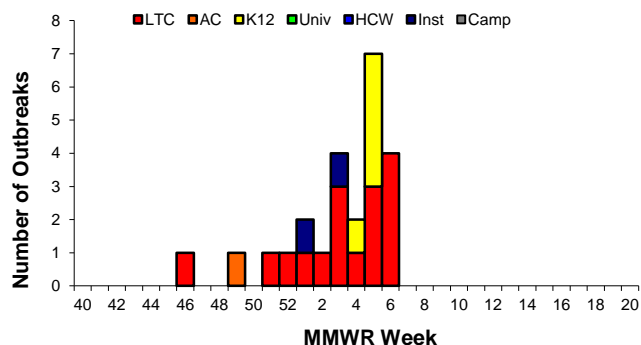
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,044 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
 - 55% 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: 24

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				1		3
Aroostook						1		1
Cumberland	5							5
Franklin								0
Hancock	1							1
Kennebec	2							2
Knox								0
Lincoln								0
Oxford	1							1
Penobscot	5							5
Piscataquis								0
Sagadahoc			1					1
Somerset	1							1
Waldo			3					3
Washington			1					1
York								0
Total	16	1	5	0	0	2	0	24

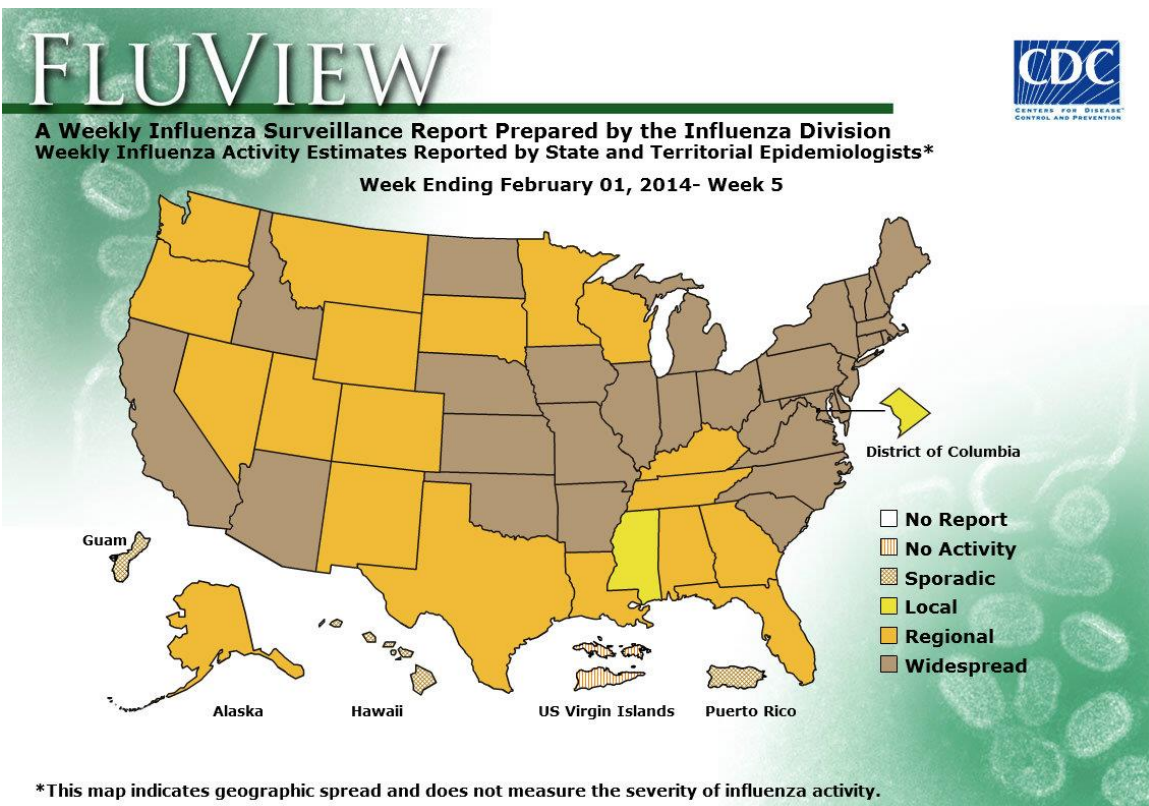
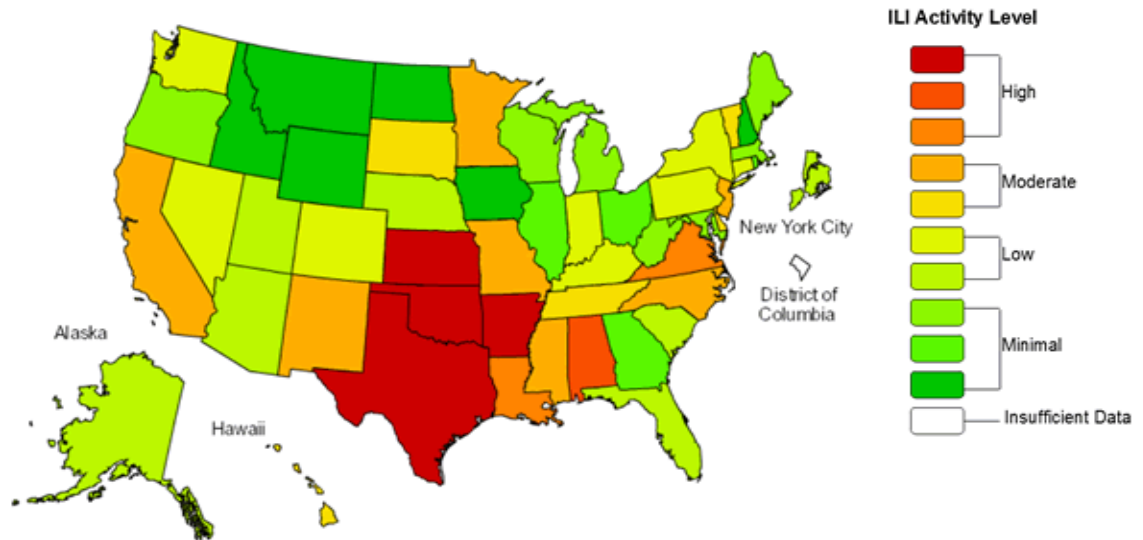
Pediatric Influenza Deaths

- 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 5 ending Feb 01, 2014



All data is preliminary and subject to change