

Maine Weekly Influenza Surveillance Report

April 1, 2014

For MMWR week 13 (ending 3/29/14)

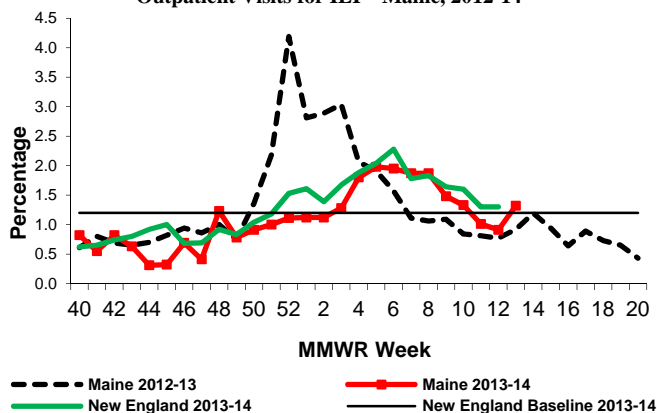
New This Week

- Federal Flu Code: Regional

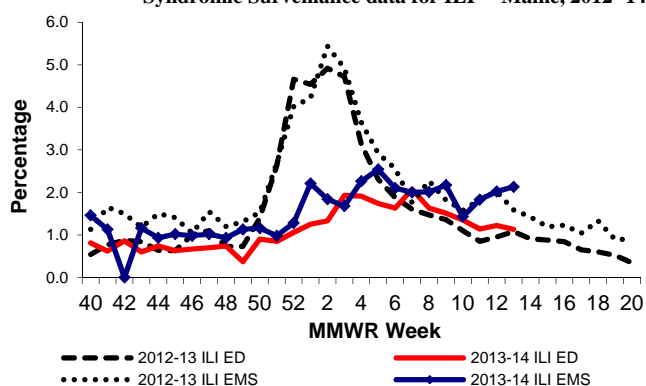
Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 22
 - % of visits for Influenza-Like Illness (ILI): 1.32
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 1.13
 - % of Emergency Medical Services (EMS) runs for ILI: 2.13
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 3.4
- Electronic Death Reporting System
 - % of deaths due to P&I: no data

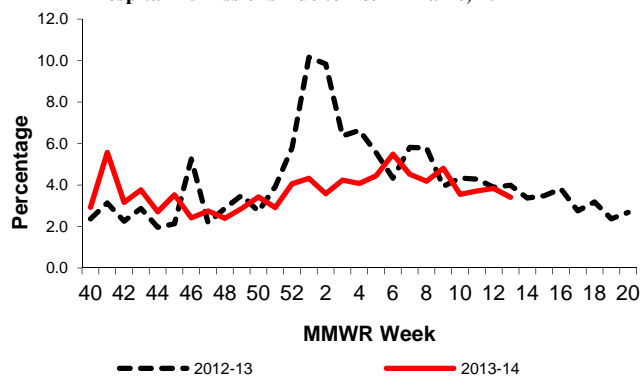
Outpatient Visits for ILI – Maine, 2012-14



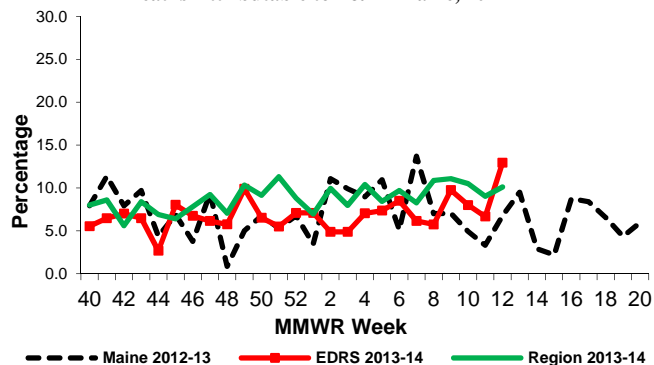
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



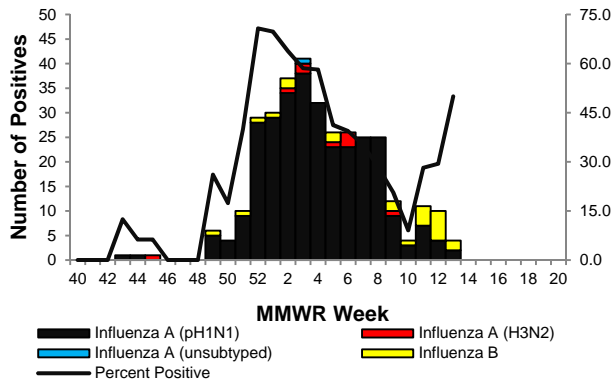
Deaths Attributable to P&I – Maine, 2012-14



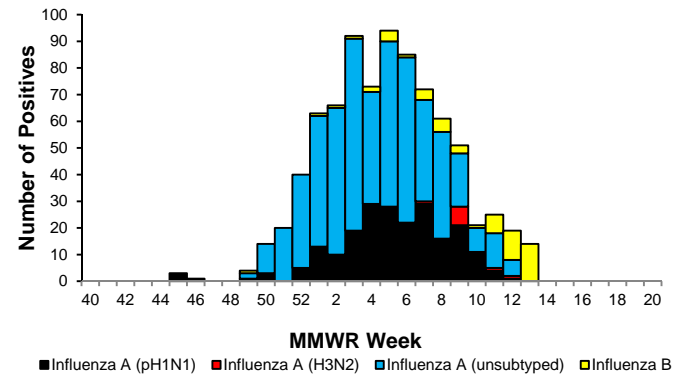
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 8
 - # positive: 4
 - % positive: 50.0
- # of samples tested at Maine Reference Labs: 73
 - # positive: 14
 - % positive: 19.2
- # of samples positive by rapid antigen test: 9

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



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

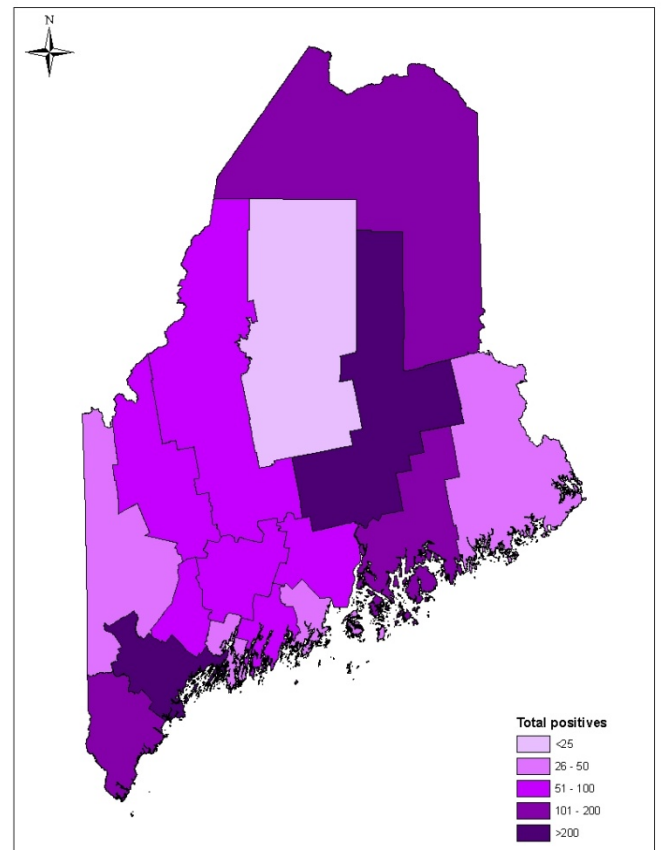


Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin	0	82
Aroostook	0	102
Cumberland	13	299
Franklin	1	82
Hancock	0	117
Kennebec	2	94
Knox	2	34
Lincoln	1	71
Oxford	0	29
Penobscot	12	448
Piscataquis	0	15
Sagadahoc	0	28
Somerset	0	61
Waldo	1	65
Washington	0	53
York	3	166
Total	35	1746

*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>

Positive Influenza Tests, Maine 2013-14



Antiviral Resistance – Maine, 2013-14 Influenza Season

- # of influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 57
 - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 6
 - # with resistance: 0

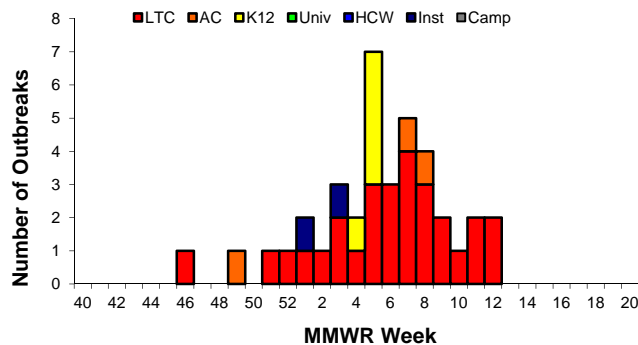
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,914 influenza viruses since October 1, 2013
 - 99.9% of influenza A/H1 samples match the vaccine strain
 - 97.8% of influenza A (H3N2) samples match the vaccine strain
 - 68% 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: 0
- Total outbreaks 2013-14 season: 38

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	8	1						9
Piscataquis	2							2
Sagadahoc			1					1
Somerset	2							2
Waldo			3					3
Washington			1					1
York								0
Total	28	3	5	0	0	2	0	38

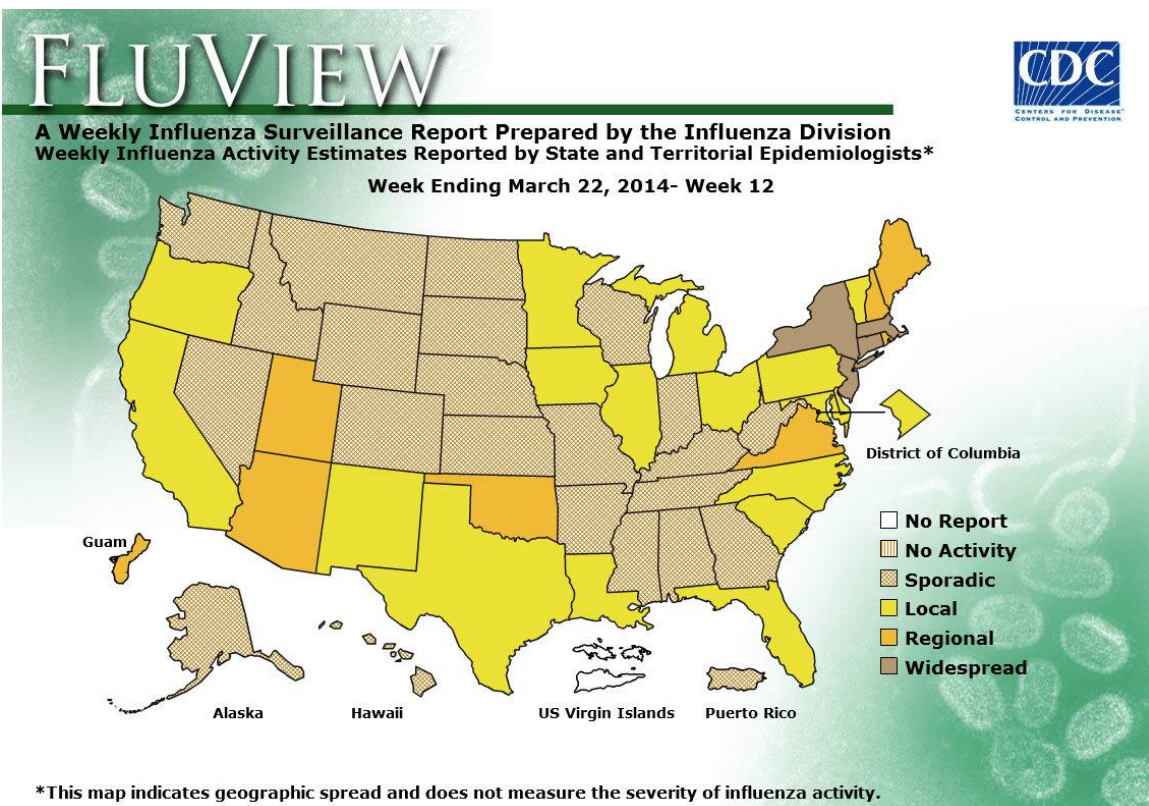
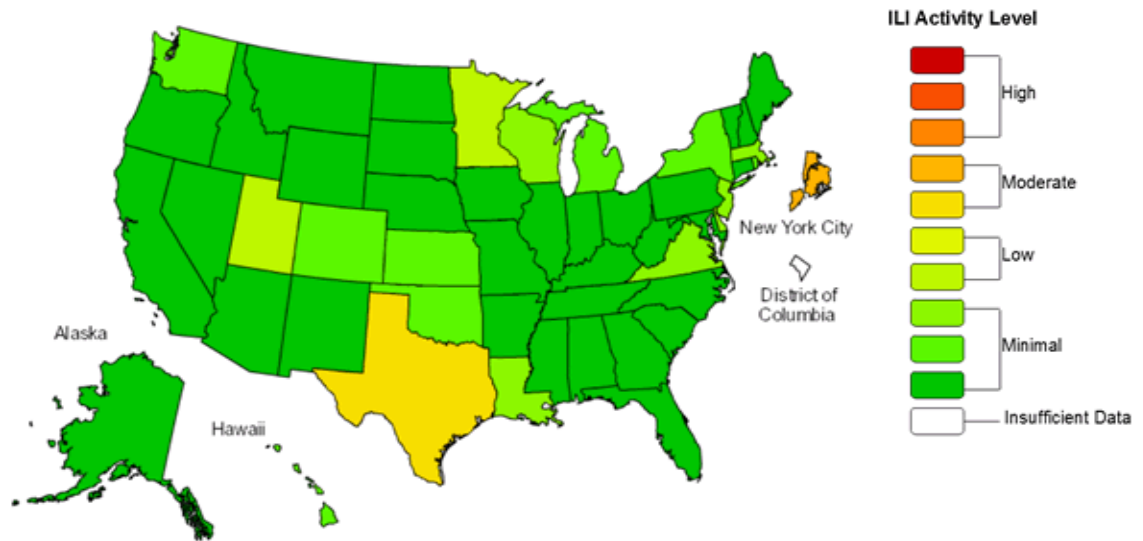
Pediatric Influenza-Associated Deaths

- 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 12 ending Mar 22, 2014



All data is preliminary and subject to change