

Maine Weekly Influenza Surveillance Report

January 21, 2014

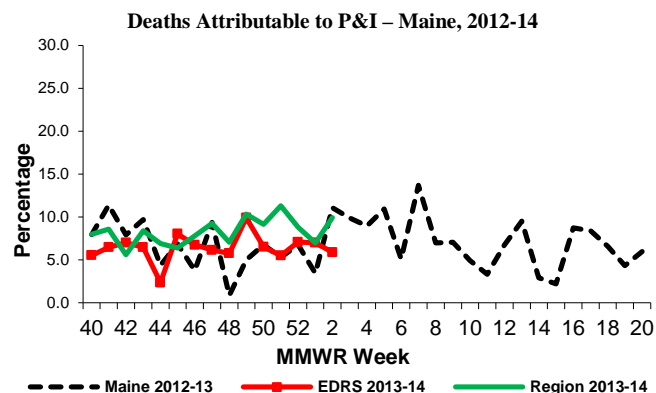
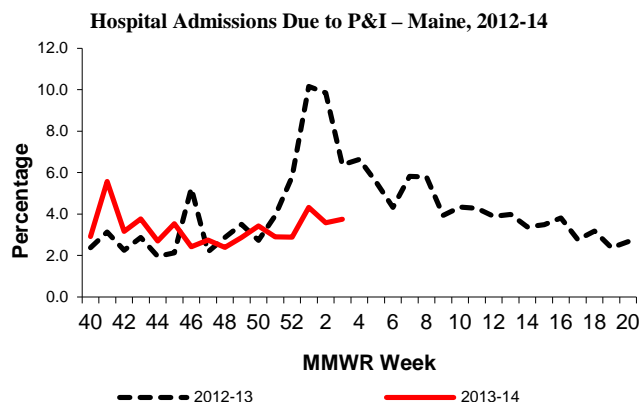
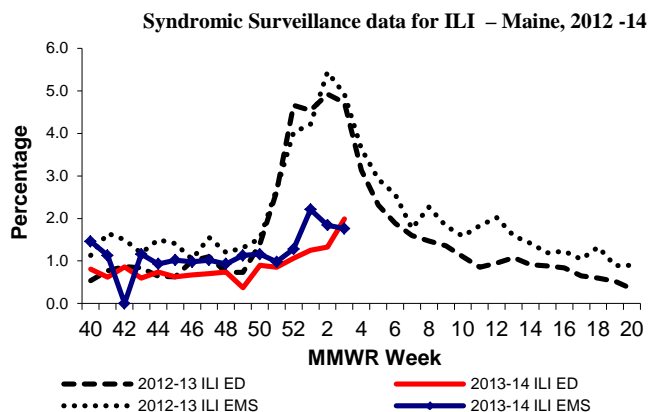
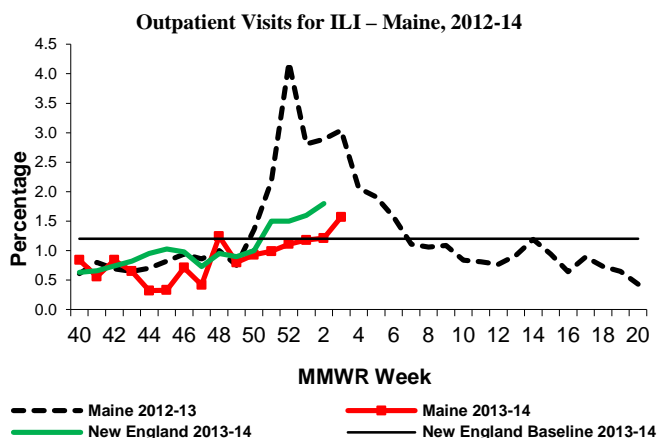
For MMWR week 3 (ending 1/18/14)

New This Week

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

Surveillance Information – Maine, 2013-2014 Influenza Season

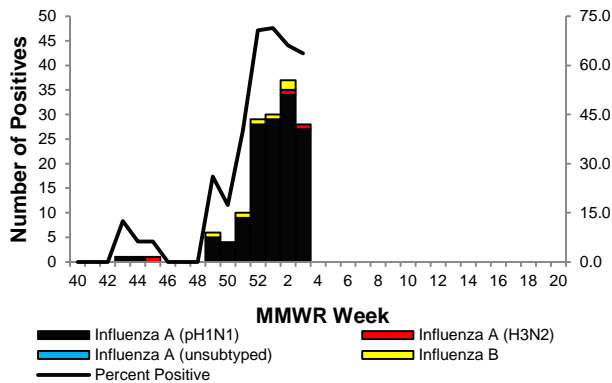
- Number of ILINet Providers reporting: 21
 - % of visits for Influenza-Like Illness (ILI): 1.57
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 1.99
 - % of Emergency Medical Services (EMS) runs for ILI: 1.76
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 3.7
- Electronic Death Reporting System
 - % of deaths due to P&I: no data



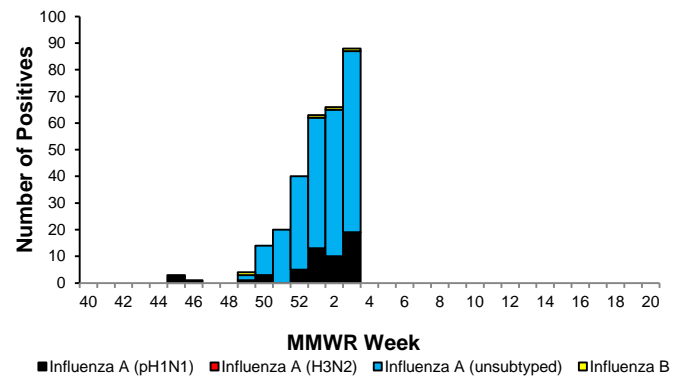
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 44
 - # positive: 28
 - % positive: 63.6
- # of samples tested at Maine Reference Labs: 262
 - # positive: 88
 - % positive: 33.6
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 59

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



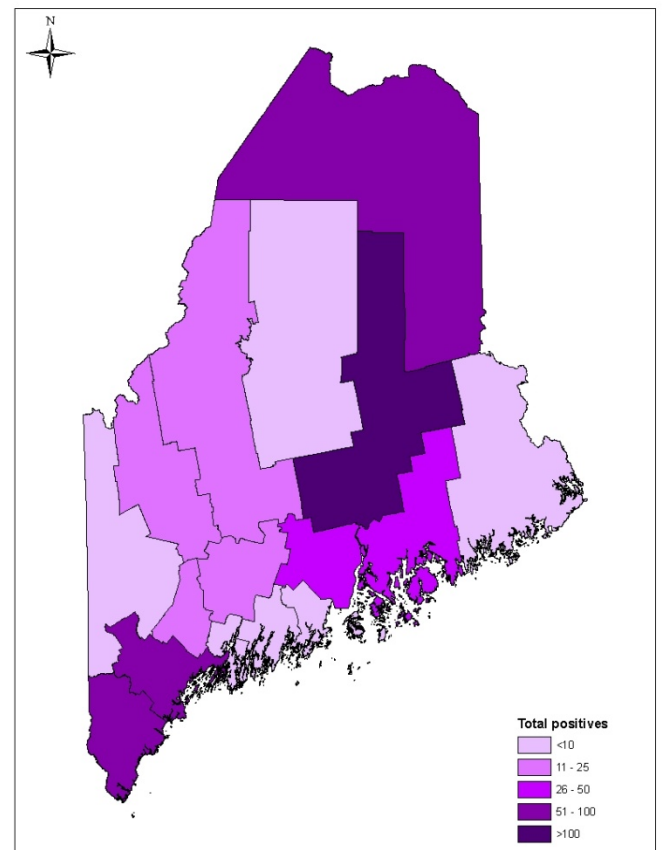
Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2013-14



Geographic Distribution of Lab Tests, Maine 2013-14

County	New this week	Total positives
Androscoggin	9	21
Aroostook	6	80
Cumberland	19	71
Franklin	8	15
Hancock	14	41
Kennebec	6	16
Knox	1	8
Lincoln	1	6
Oxford	2	5
Penobscot	61	195
Piscataquis	0	5
Sagadahoc	3	6
Somerset	9	18
Waldo	10	33
Washington	3	4
York	13	65
Total	165	589

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: 17
 - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 1
 - # with resistance: 0

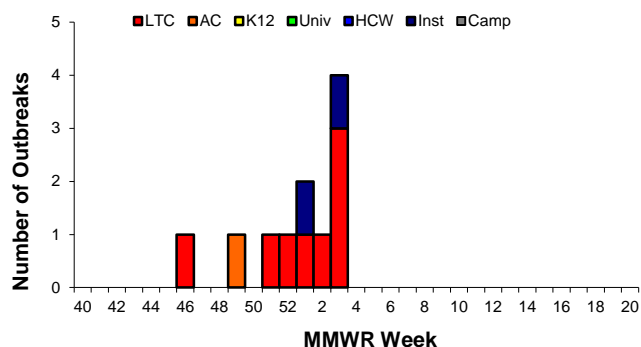
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 736 influenza viruses since October 1, 2013
 - 99.8% 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: 4
- Total outbreaks 2013-14 season: 11

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	1							1
Franklin								0
Hancock	1							1
Kennebec	2							2
Knox								0
Lincoln								0
Oxford								0
Penobscot	3							3
Piscataquis								0
Sagadahoc								0
Somerset	1							1
Waldo								0
Washington								0
York								0
Total	8	1	0	0	0	2	0	11

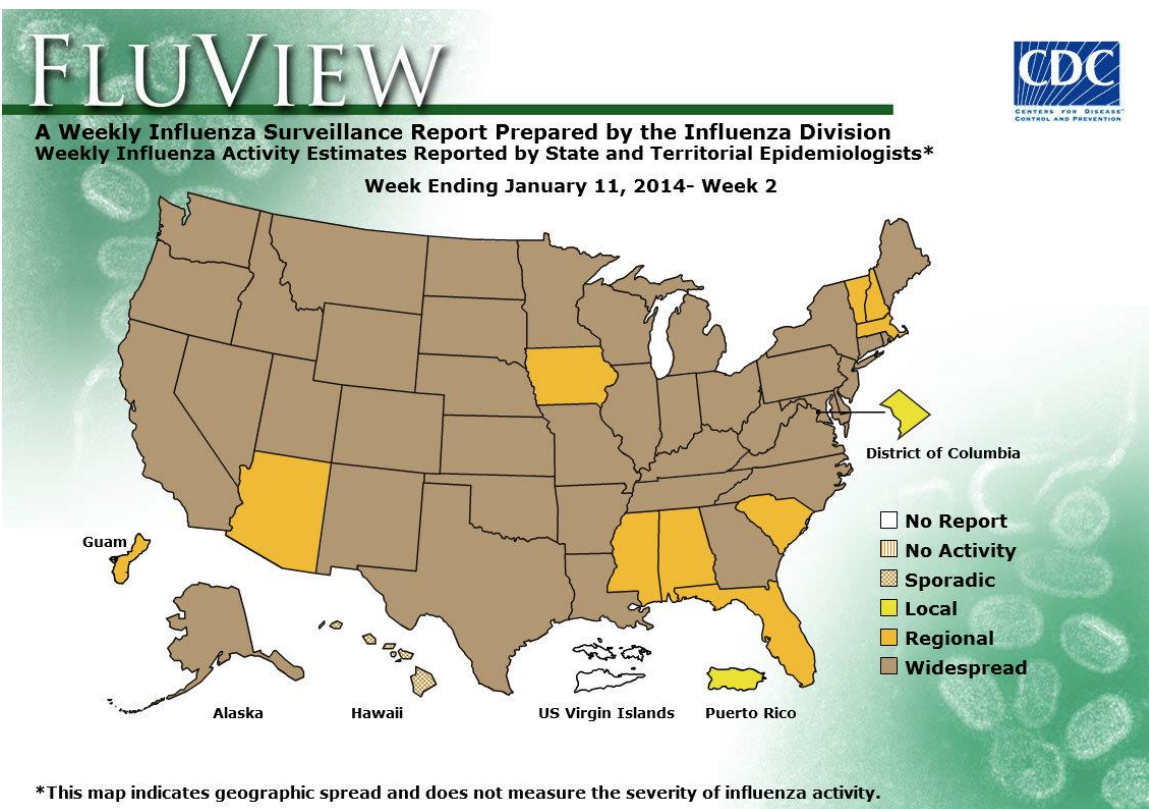
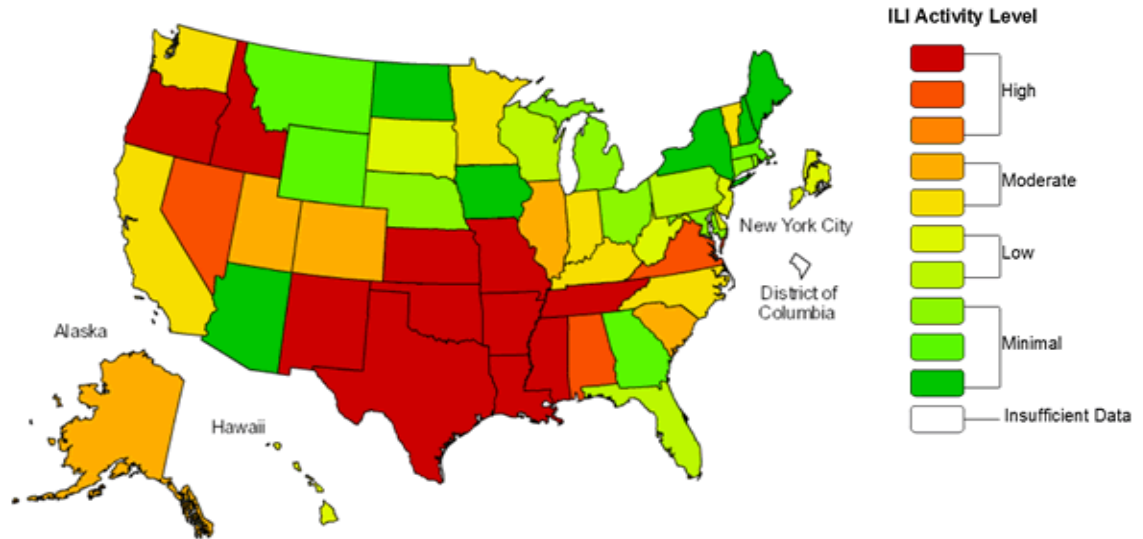
Pediatric Influenza Deaths

- 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 2 ending Jan 11, 2014



All data is preliminary and subject to change