Maine Weekly Influenza Surveillance Report

May 6, 2014

Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor — Mary C. Mayhew, Commissioner

For MMWR week 18 (ending 5/3/14)

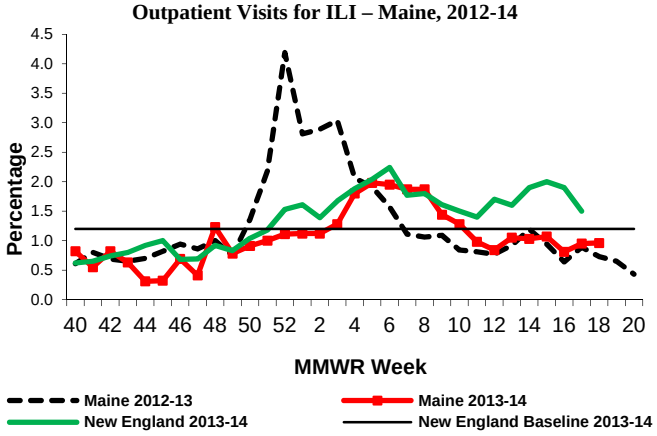
New This Week

- Federal Flu Code: Regional
- 1 new outbreak reported, in a long term care facility

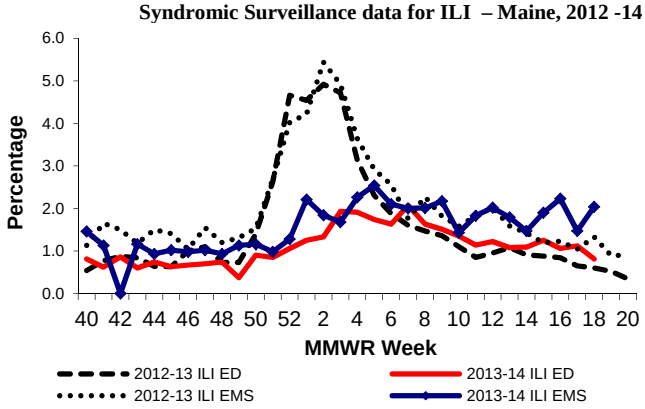
Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 24
  - % of visits for Influenza-Like Illness (ILI): 0.96
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 0.81
  - % of Emergency Medical Services (EMS) runs for ILI: 2.04
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia &Influenza (P&I): 2.5
- Electronic Death Reporting System
  - % of deaths due to P&I: 9.8

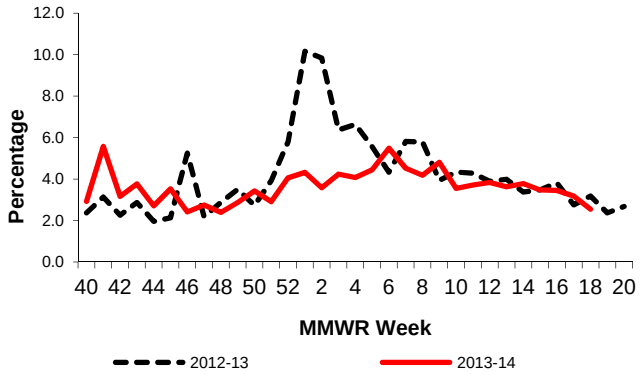
Outpatient Visits for ILI – Maine, 2012-14



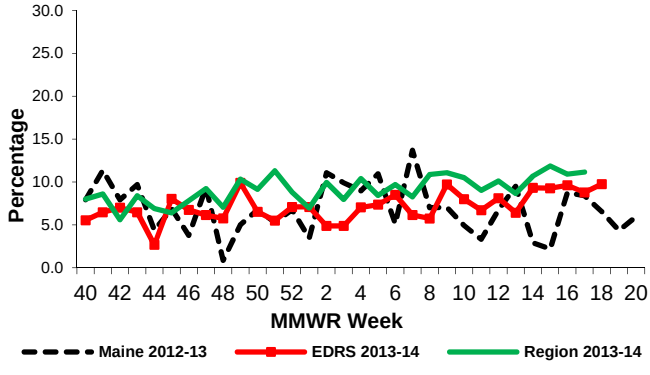
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



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

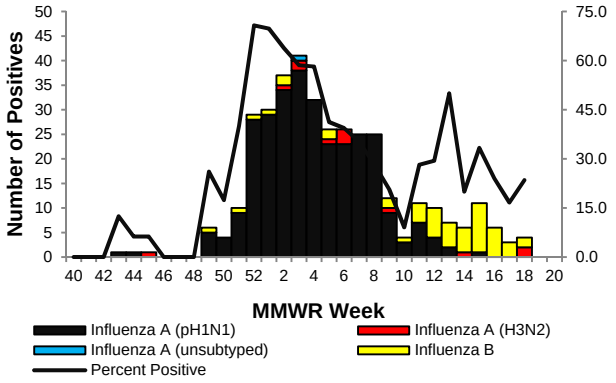


All data is preliminary and subject to change

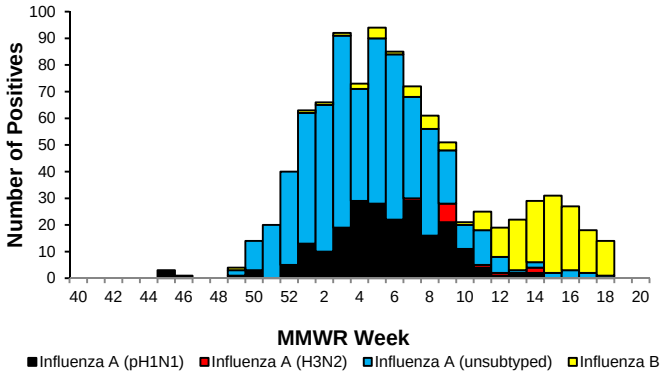
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 17
  - # positive: 4
  - % positive: 23.5
- # of samples tested at Maine Reference Labs: 99
  - # positive: 14
  - % positive: 14.1
- # of samples positive by rapid antigen test: no data

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



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



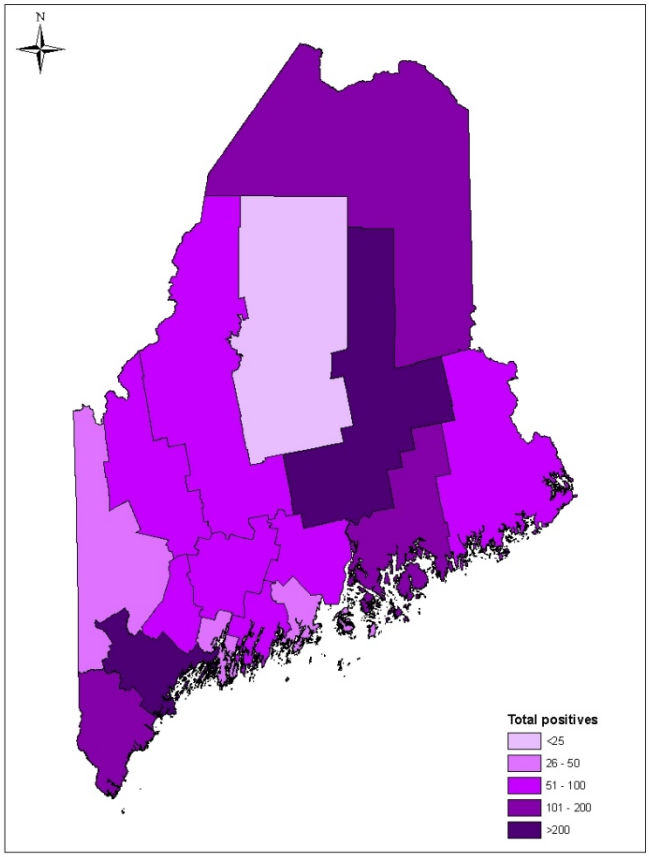
Geographic Distribution of Lab Tests, Maine 2013-14*

County	New this week	Total positives
Androscoggin	**	88
Aroostook	**	103
Cumberland	**	368
Franklin	**	83
Hancock	**	129
Kennebec	**	96
Knox	**	38
Lincoln	**	75
Oxford	**	32
Penobscot	**	504
Piscataquis	**	15
Sagadahoc	**	31
Somerset	**	65
Waldo	**	73
Washington	**	53
York	**	195
Total	****	**1948**

**Current week data is unavailable due to a system upgrade

*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



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Antiviral Resistance – Maine, 2013-14 Influenza Season

- # of influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 63
  - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 7
  - # with resistance: 0

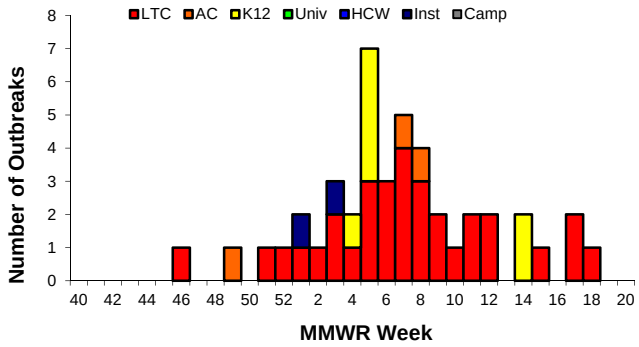
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 2,529 influenza viruses since October 1, 2013
  - 99.8% of influenza A/H1 samples match the vaccine strain
  - 97.7% of influenza A (H3N2) samples match the vaccine strain
  - 70.2% 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: 1
- Total outbreaks 2013-14 season: 44

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

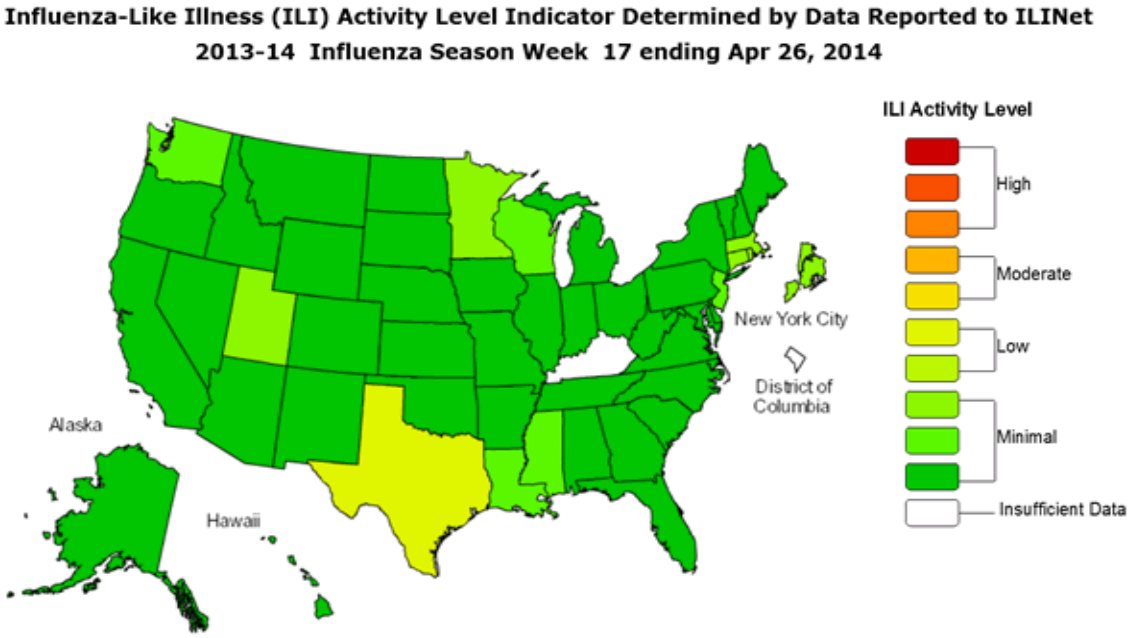
County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	3	2				1		6
Aroostook						1		1
Cumberland	12							12
Franklin								0
Hancock	1							1
Kennebec	1							1
Knox								0
Lincoln	2							2
Oxford	1							1
Penobscot	8	1						9
Piscataquis	2							2
Sagadahoc			1					1
Somerset	2							2
Waldo			5					5
Washington			1					1
York								0
Total	**32**	**3**	**7**	**0**	**0**	**2**	**0**	**44**

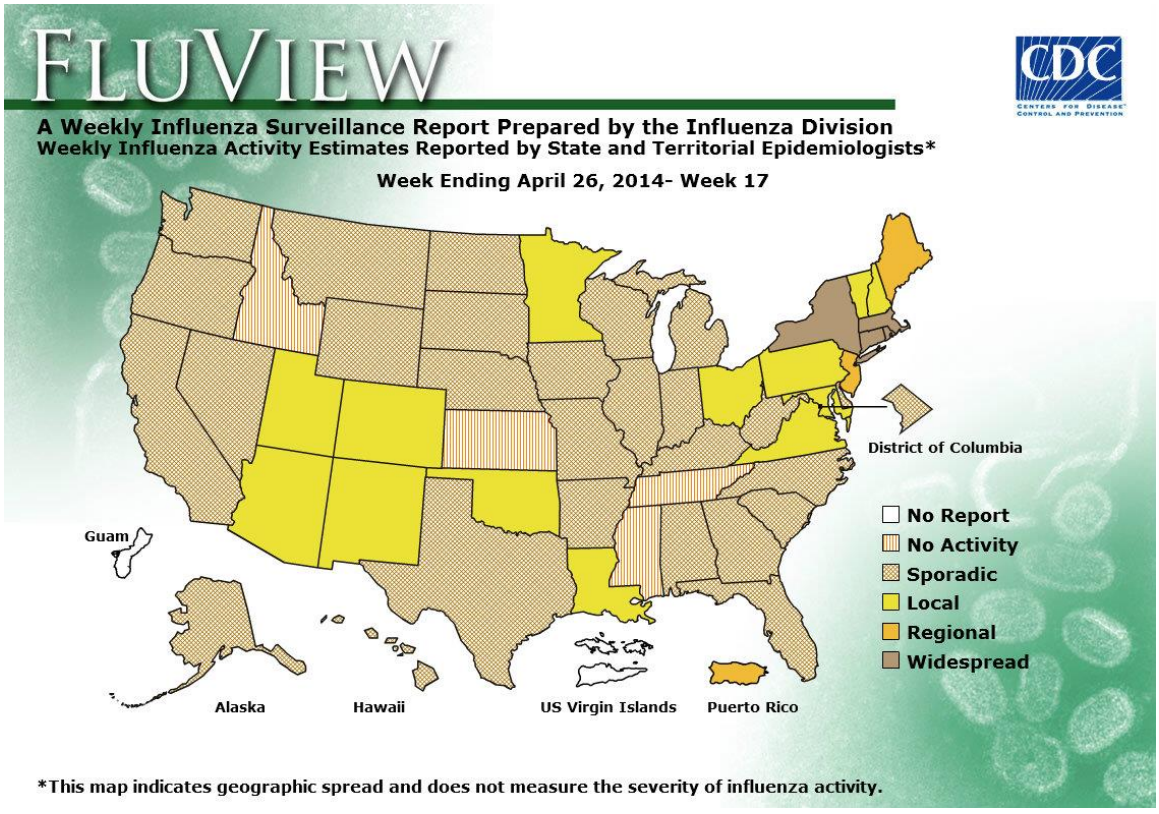
Pediatric Influenza-Associated Deaths

- 1 pediatric influenza-associated death reported in a child from Western Maine.

All data is preliminary and subject to change

National Influenza Surveillance Data
Source: http://www.cdc.gov/flu/weekly/





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