

Maine Weekly Influenza Surveillance Report

December 26, 2013

For MMWR week 51 (ending 12/21/13)

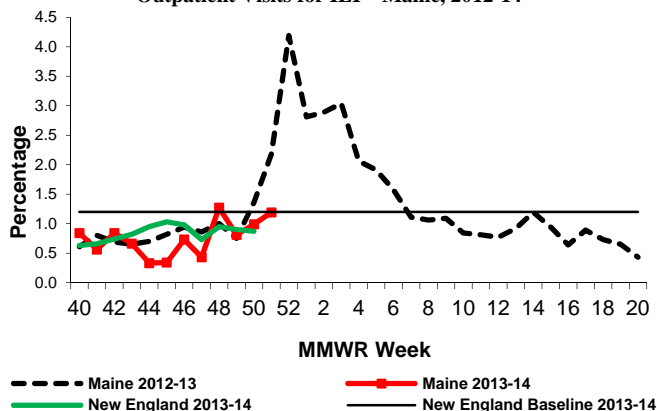
New This Week

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

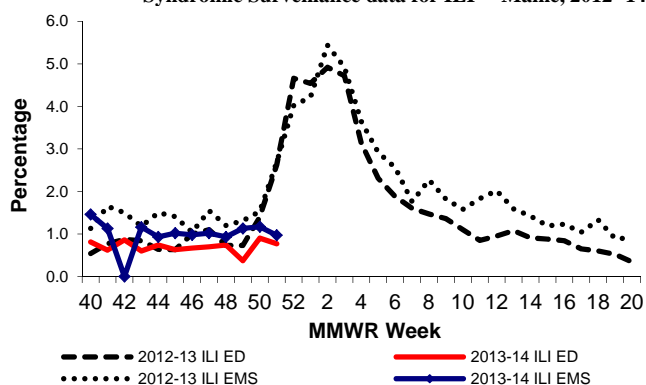
Surveillance Information – Maine, 2013-2014 Influenza Season

- Number of ILINet Providers reporting: 24
 - % of visits for Influenza-Like Illness (ILI): 1.19
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 0.77
 - % of Emergency Medical Services (EMS) runs for ILI: 0.97
- Number of Hospitals reporting: 1
 - % of admissions due to Pneumonia & Influenza (P&I): 2.2
- Electronic Death Reporting System
 - % of deaths due to P&I: 5.4

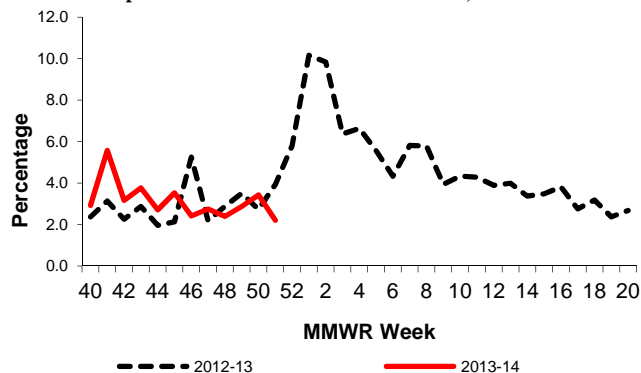
Outpatient Visits for ILI – Maine, 2012-14



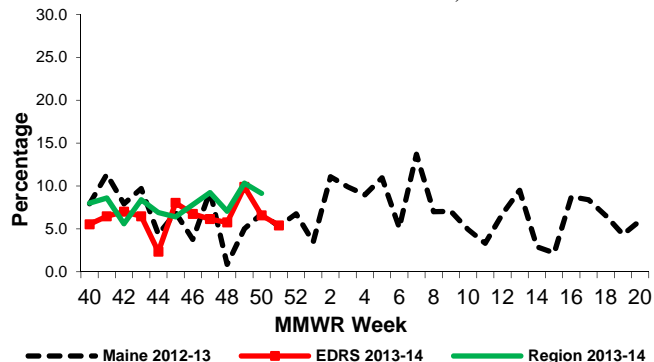
Syndromic Surveillance data for ILI – Maine, 2012 -14



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



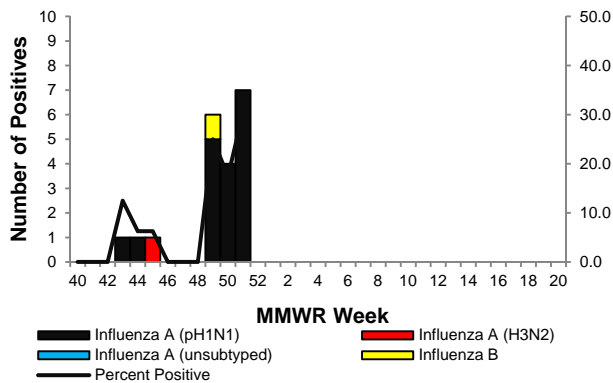
Deaths Attributable to P&I – Maine, 2012-14



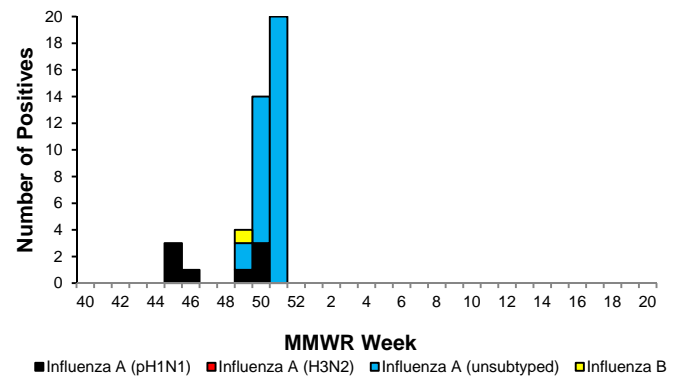
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 23
 - # positive: 7
 - % positive: 30.4
- # of samples tested at Maine Reference Labs: 101
 - # positive: 20
 - % positive: 19.8
- # of samples positive at National Reference Labs: 0
- # 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

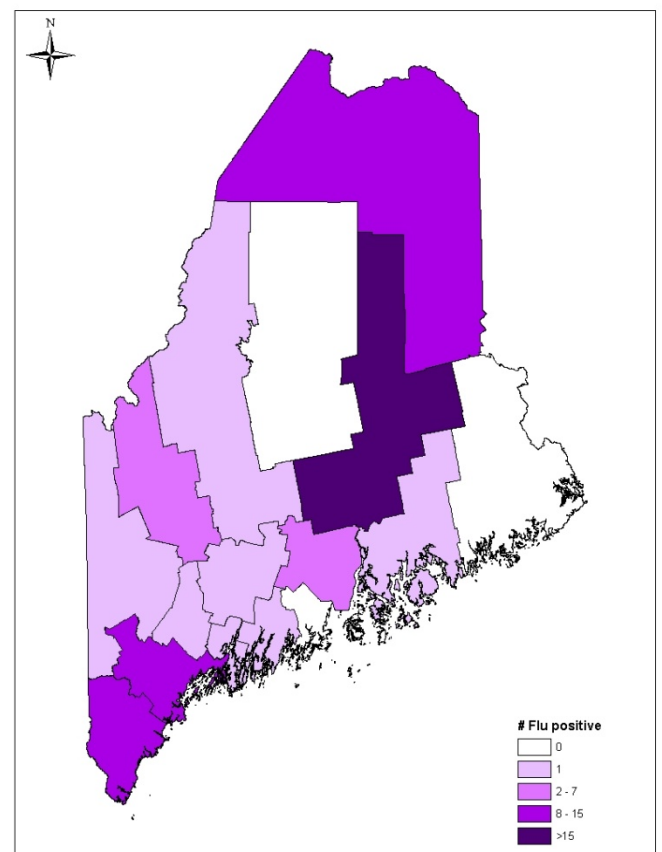


Geographic Distribution of Lab Tests, Maine 2013-14

County	# Positives*
Androscoggin	1
Aroostook	12
Cumberland	10
Franklin	2
Hancock	1
Kennebec	1
Knox	0
Lincoln	1
Oxford	1
Penobscot	24
Piscataquis	0
Sagadahoc	1
Somerset	1
Waldo	5
Washington	0
York	11

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

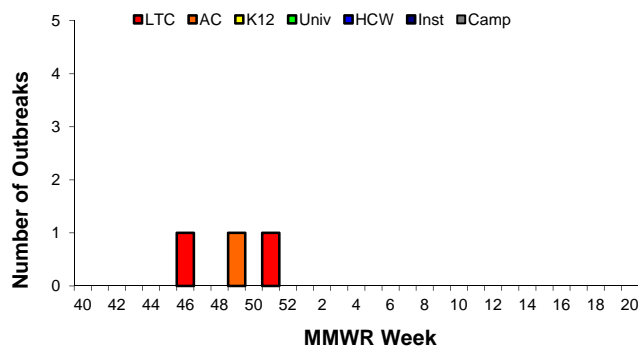
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 317 influenza viruses since October 1, 2013
 - 100% of influenza A/H1 samples match the vaccine strain
 - 100% of influenza A (H3N2) samples match the vaccine strain
 - 33% 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: 3

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

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 50 ending Dec 14, 2013

