

Maine Weekly Influenza Surveillance Report

May 13, 2014

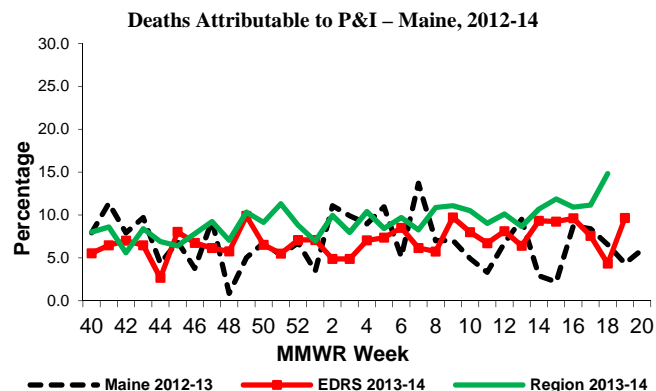
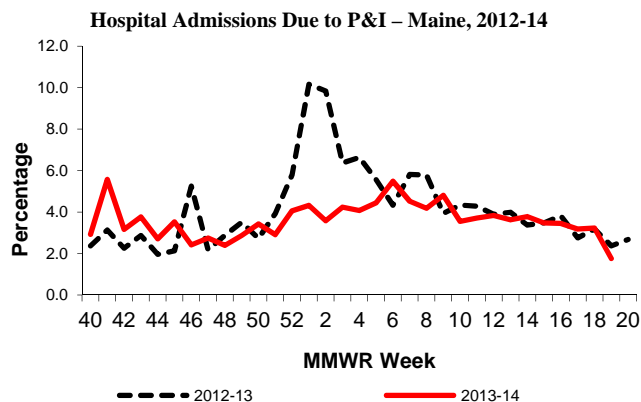
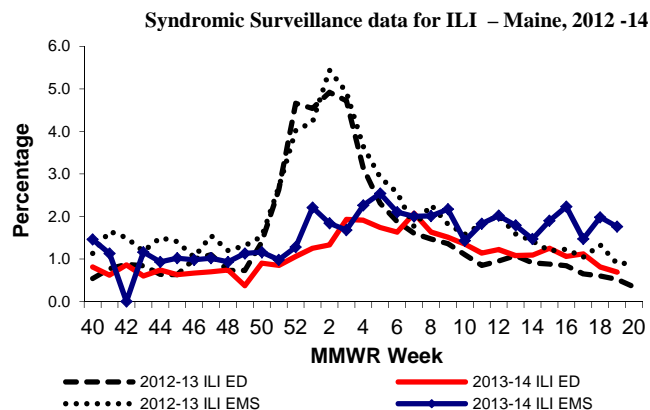
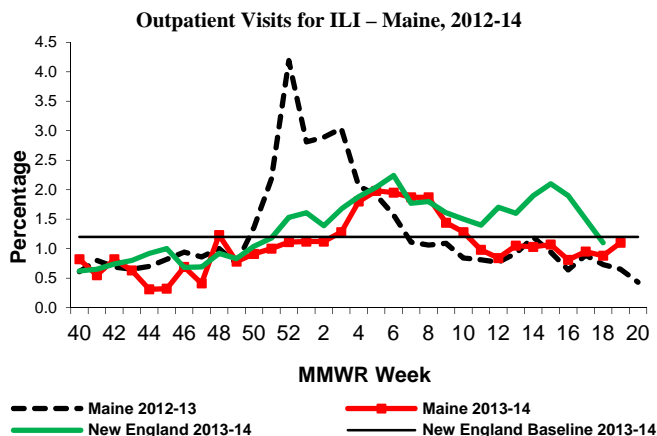
For MMWR week 19 (ending 5/10/14)

New This Week

- Federal Flu Code: Regional
- 1 new outbreak reported, in an acute care facility

Surveillance Information – Maine, 2013-2014 Influenza Season

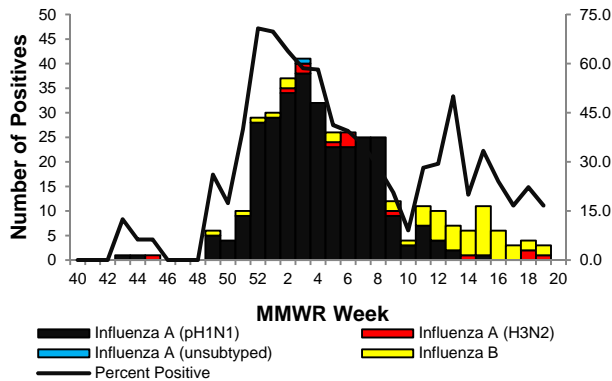
- Number of ILINet Providers reporting: 21
 - % of visits for Influenza-Like Illness (ILI): 1.10
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 0.69
 - % of Emergency Medical Services (EMS) runs for ILI: 1.76
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 1.8
- Electronic Death Reporting System
 - % of deaths due to P&I: 9.6



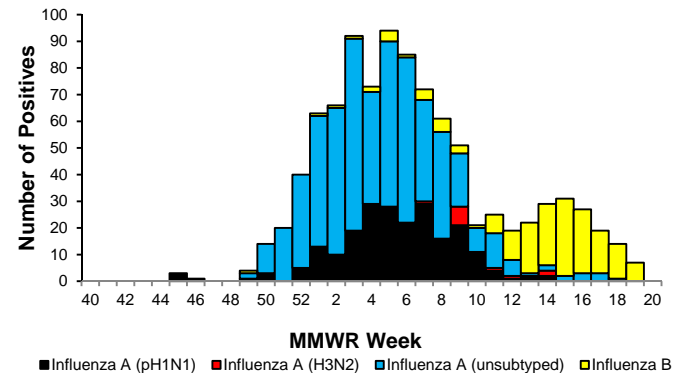
Lab Data – Maine, 2013-2014 Influenza Season

- # of samples tested at HETL: 18
 - # positive: 3
 - % positive: 16.7
- # of samples tested at Maine Reference Labs: 35
 - # positive: 7
 - % positive: 20.0
- # of samples positive by rapid antigen test: 7

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



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

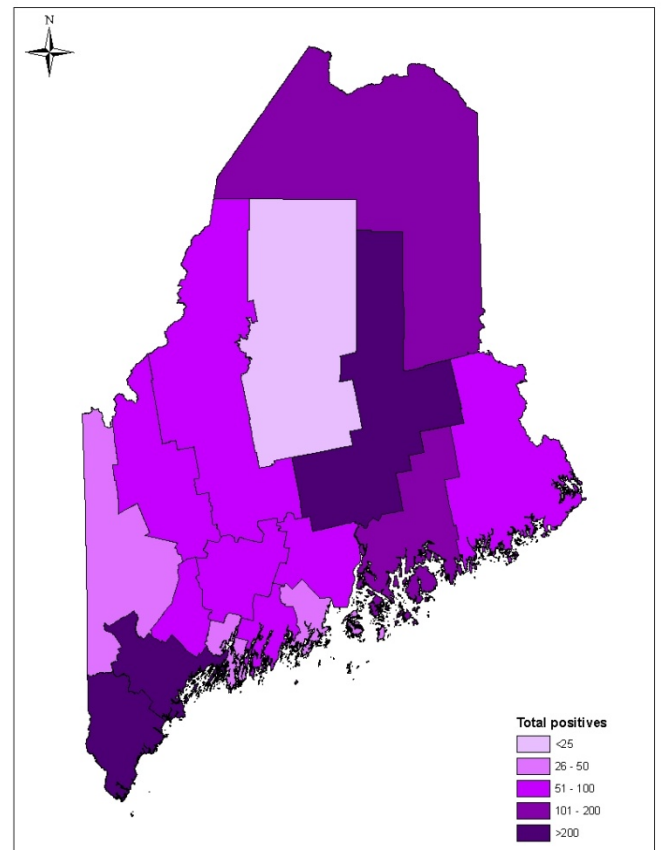


Geographic Distribution of Lab Tests, Maine 2013-14*

| County | New this week | Total positives |
|--------------|---------------|-----------------|
| Androscoggin | 2 | 97 |
| Aroostook | 0 | 102 |
| Cumberland | 2 | 382 |
| Franklin | 2 | 89 |
| Hancock | 1 | 132 |
| Kennebec | 2 | 100 |
| Knox | 0 | 38 |
| Lincoln | 0 | 76 |
| Oxford | 0 | 32 |
| Penobscot | 2 | 515 |
| Piscataquis | 0 | 15 |
| Sagadahoc | 0 | 32 |
| Somerset | 1 | 66 |
| Waldo | 1 | 74 |
| Washington | 0 | 53 |
| York | 1 | 202 |
| Total | 14 | 2005 |

*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: 63
 - # with resistance: 0
- # of influenza A (H3) samples tested for Tamiflu resistance at HETL: 9
 - # with resistance: 0

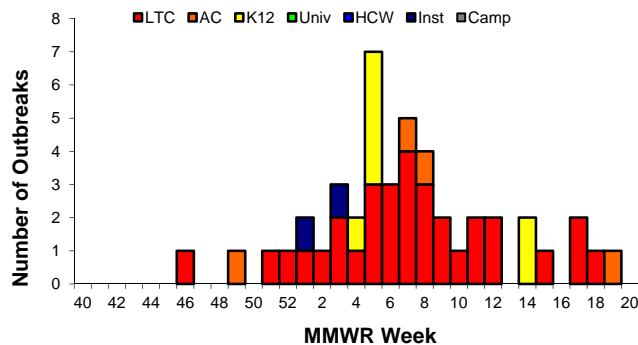
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 2,644 influenza viruses since October 1, 2013
 - 99.8% of influenza A/H1 samples match the vaccine strain
 - 96.4% of influenza A (H3N2) samples match the vaccine strain
 - 69.7% of influenza B samples match the trivalent vaccine strain
 - 99.7% of influenza B samples match the quadrivalent vaccine strains

Influenza-Like Illness Outbreaks – Maine, 2013-14 Influenza Season

- # new outbreaks: 1
- Total outbreaks 2013-14 season: 45

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 | 2 | | | | | | 10 |
| Piscataquis | 2 | | | | | | | 2 |
| Sagadahoc | | | 1 | | | | | 1 |
| Somerset | 2 | | | | | | | 2 |
| Waldo | | | 5 | | | | | 5 |
| Washington | | | 1 | | | | | 1 |
| York | | | | | | | | 0 |
| Total | 32 | 4 | 7 | 0 | 0 | 2 | 0 | 45 |

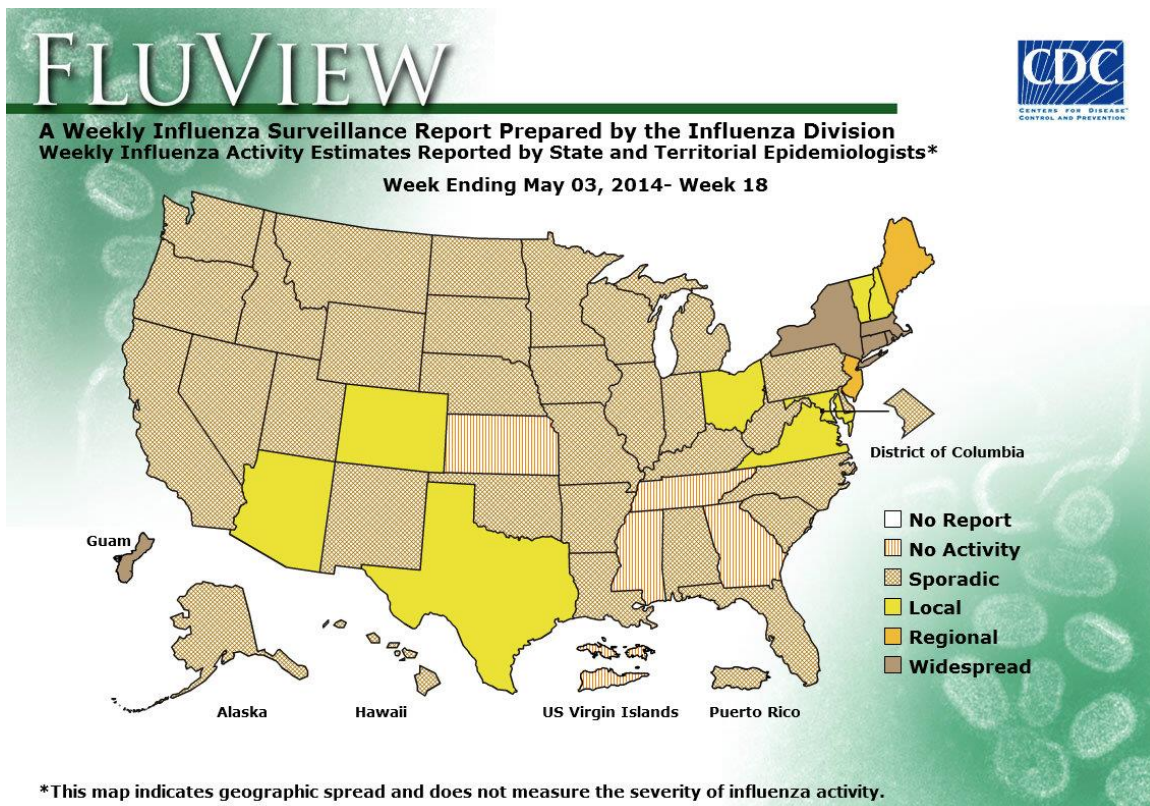
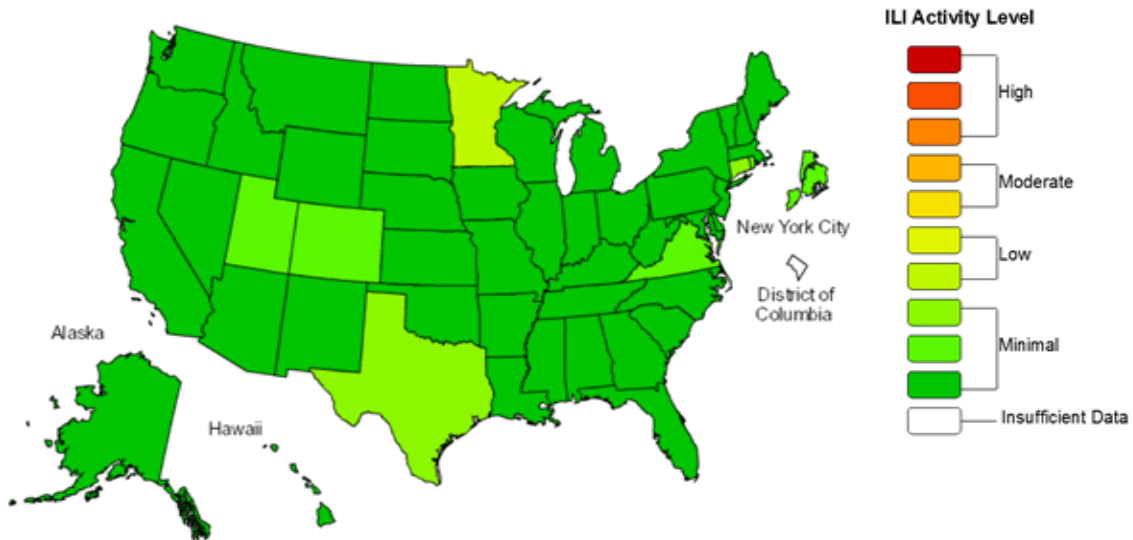
Pediatric Influenza-Associated Deaths

- 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 18 ending May 03, 2014



All data is preliminary and subject to change