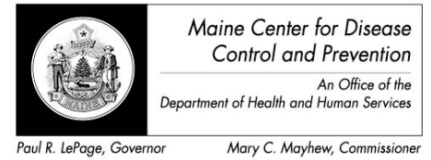


Maine Weekly Influenza Surveillance Report

January 6, 2015



For MMWR week 53 (ending 1/3/2015)

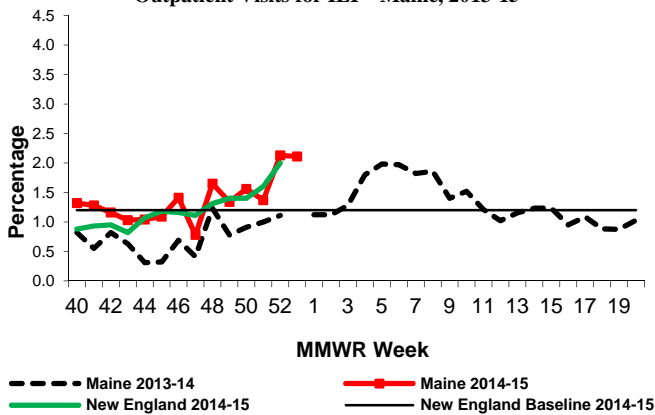
New This Week

- Federal Flu Code: Widespread
- 21 new outbreaks reported; 20 in long term care facilities, and 1 in an institution

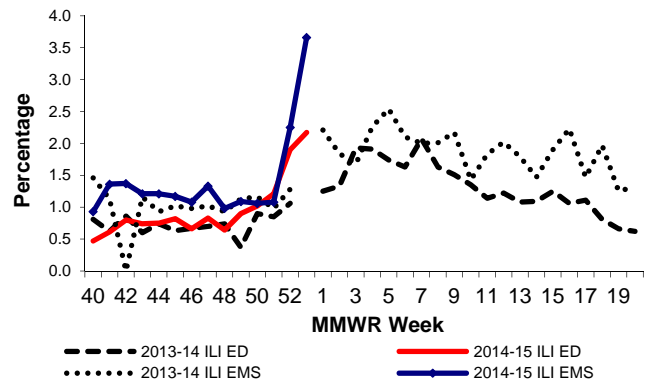
Surveillance Information – Maine, 2014-2015 Influenza Season

- Number of ILINet Providers reporting: 21
 - % of visits for Influenza-Like Illness (ILI): 2.11
- Syndromic Surveillance
 - % of Emergency Room visits for ILI: 2.17
 - % of Emergency Medical Services (EMS) runs for ILI: 3.66
- Number of Hospitals reporting: 3
 - % of admissions due to Pneumonia & Influenza (P&I): 4.5
- Electronic Death Reporting System
 - % of deaths due to P&I: 14.2

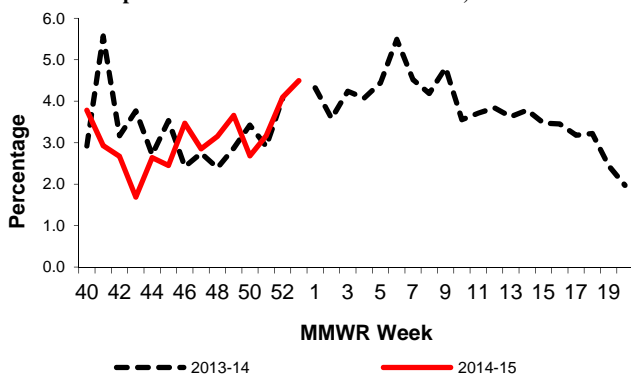
Outpatient Visits for ILI – Maine, 2013-15



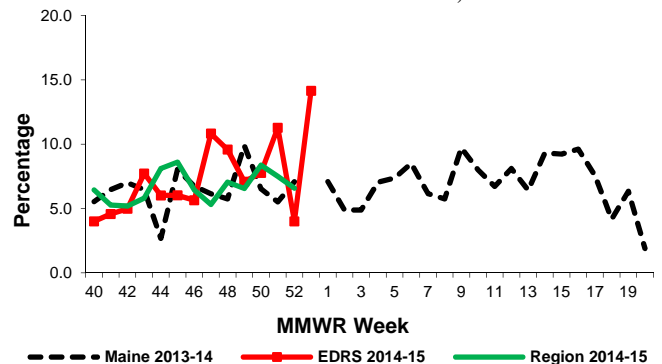
Syndromic Surveillance data for ILI – Maine, 2013 -15



Hospital Admissions Due to P&I – Maine, 2013-15



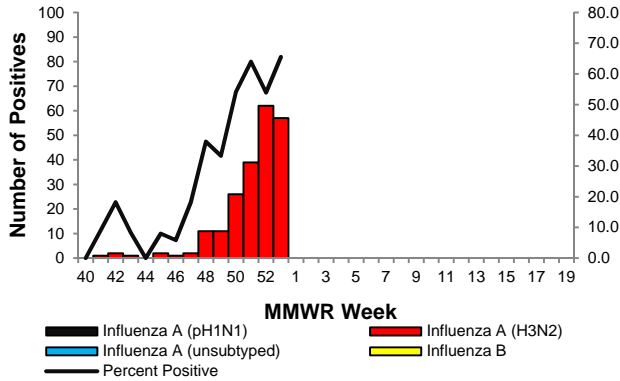
Deaths Attributable to P&I – Maine, 2013-15



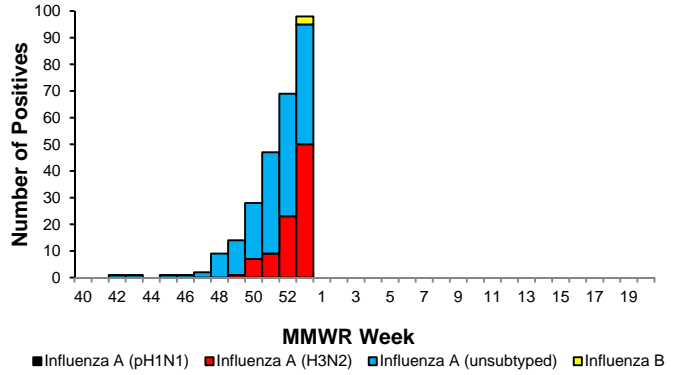
Lab Data – Maine, 2014-2015 Influenza Season

- # of samples tested at HETL: 87
 - # positive: 57
 - % positive: 65.5
- # of samples tested at Maine Reference Labs: 343
 - # positive: 98
 - % positive: 28.6
- # of samples positive by rapid antigen test: 108

Positive PCR Samples for Influenza, HETL – Maine, 2014-15



Positive Samples for Influenza, Maine Reference Labs – Maine, 2014-15

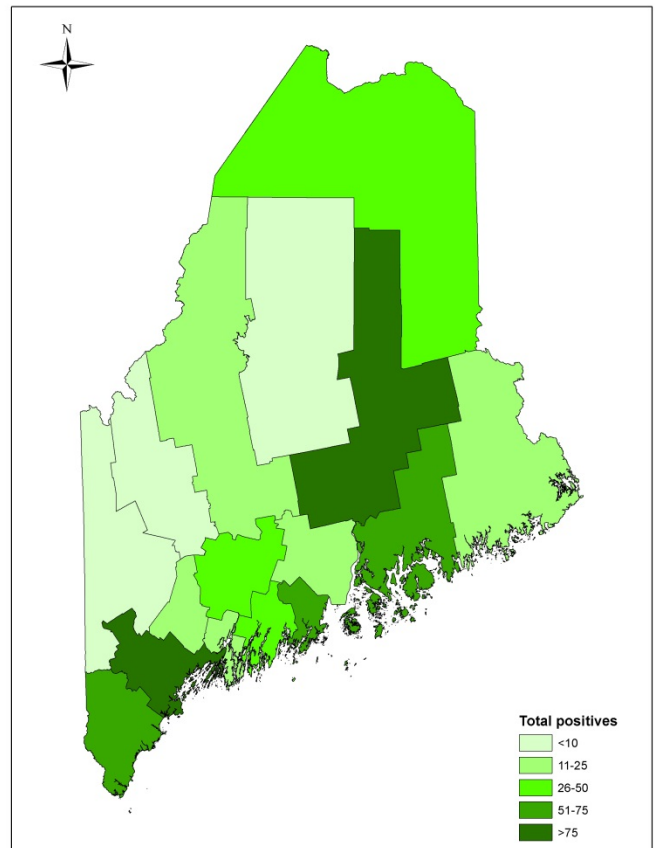


Geographic Distribution of Lab Tests, Maine 2014-15*

County	New this week	Total positives
Androscoggin	6	18
Aroostook	21	40
Cumberland	62	160
Franklin	0	5
Hancock	9	56
Kennebec	11	27
Knox	27	59
Lincoln	16	43
Oxford	4	8
Penobscot	35	148
Piscataquis	4	4
Sagadahoc	5	17
Somerset	3	19
Waldo	8	16
Washington	1	11
York	18	51
Total	230	682

*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 2014-15



Antiviral Resistance – Maine, 2014-15 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: 19
 - # with resistance: 0

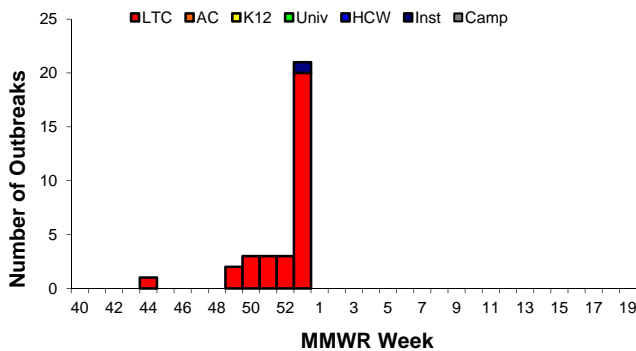
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 334 influenza viruses since October 1, 2014
 - 100.0% of influenza A/H1N1 samples match the vaccine strain
 - 31.7 % of influenza A/H3 samples match the vaccine strain
 - 100% of influenza B/Yamagata samples match the vaccine strain
 - 88% of influenza B/Victoria samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2014-15 Influenza Season

- # new outbreaks: 21
- Total outbreaks 2014-15 season: 33

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2014-15



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, 2014-15

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin								0
Aroostook	3							3
Cumberland	9							9
Franklin								0
Hancock	1							1
Kennebec	2							2
Knox	1							1
Lincoln	1							1
Oxford	1							1
Penobscot	6					1		7
Piscataquis	2							2
Sagadahoc	3							3
Somerset	1							1
Waldo	1							1
Washington								0
York	1							1
Total	32	0	0	0	0	1	0	33

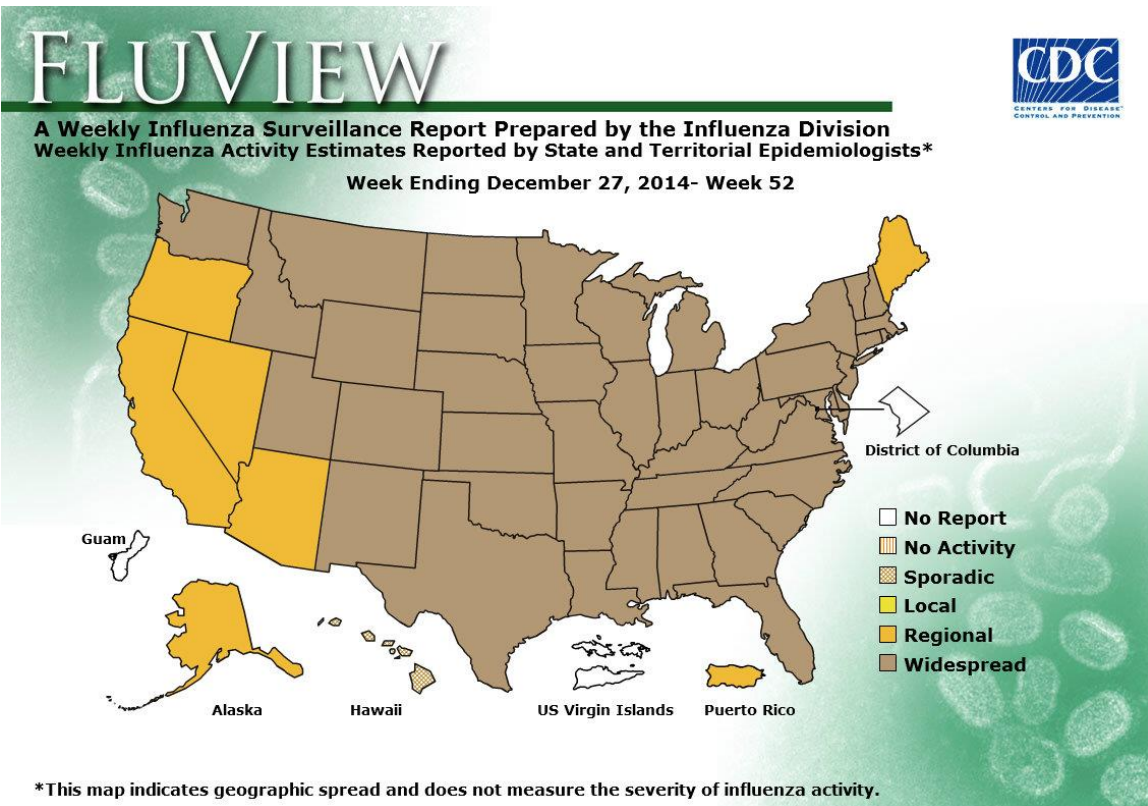
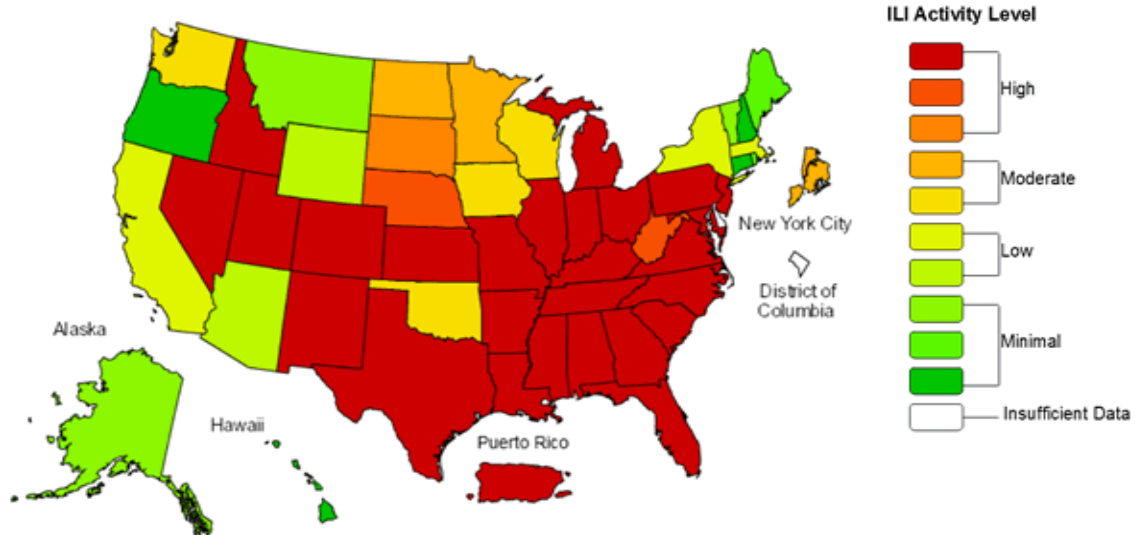
Pediatric Influenza Deaths

- No pediatric influenza-associated deaths reported during the 2014-15 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
2014-15 Influenza Season Week 52 ending Dec 27, 2014**



All data is preliminary and subject to change