

Maine Weekly Influenza Surveillance Report

April 30, 2013

For MMWR week 17 (ending 4/27/2013)

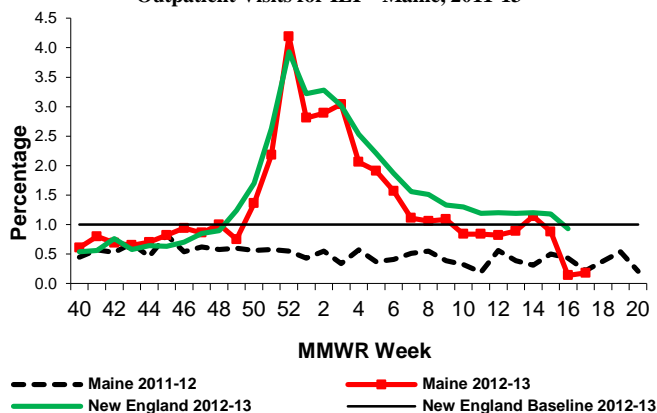
New This Week

- Federal Flu Code: Sporadic

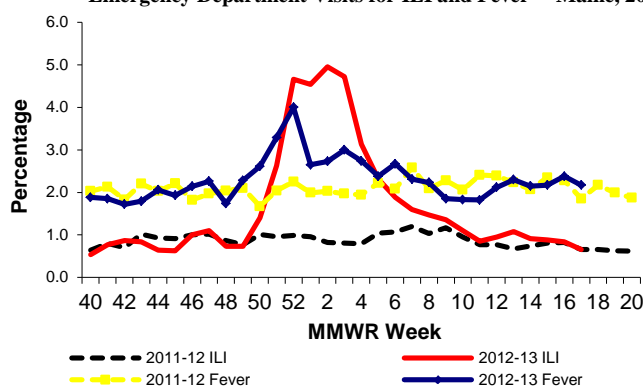
Surveillance Information – Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 18
 - % of visits for Influenza-Like Illness (ILI): 0.18
- Number of Emergency Departments participating: 26
 - % of visits for ILI: 0.66
 - % of visits for fever: 2.17
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 2.8
- Electronic Death Reporting System
 - % of deaths due to P&I: no data

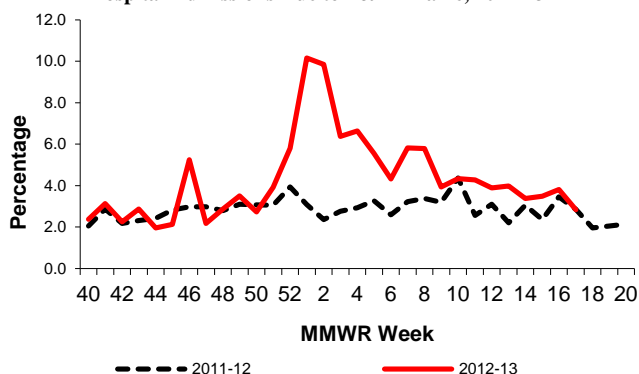
Outpatient Visits for ILI – Maine, 2011-13



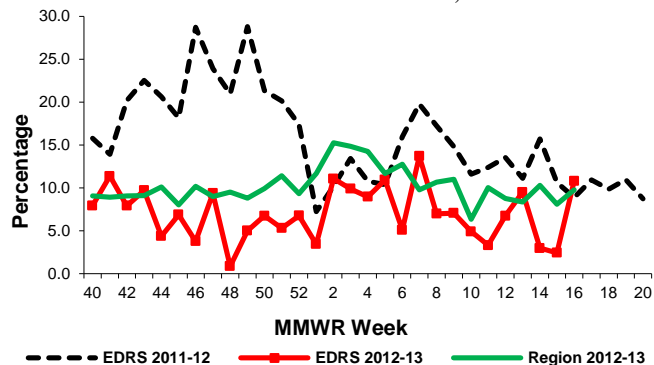
Emergency Department Visits for ILI and Fever – Maine, 2011 -13



Hospital Admissions Due to P&I – Maine, 2011-13



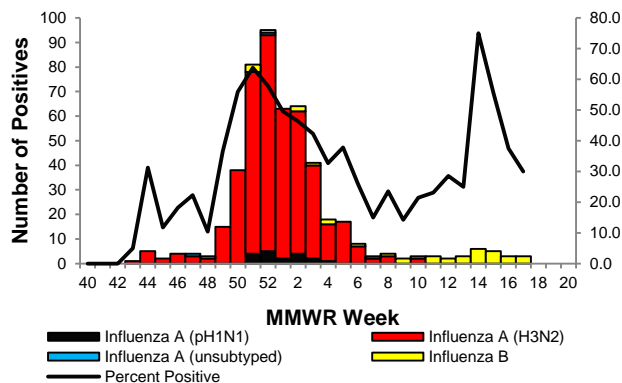
Deaths Attributable to P&I – Maine, 2011-13



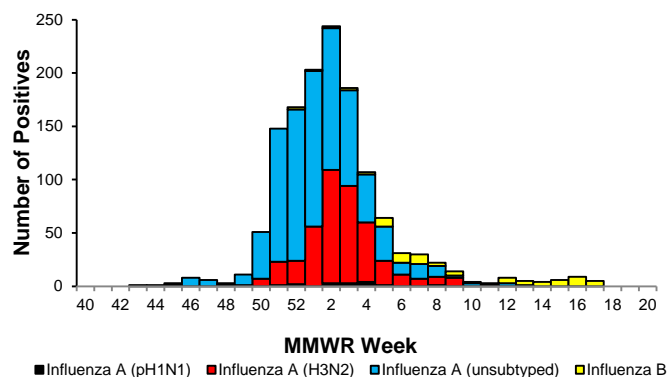
Lab Data – Maine, 2012-2013 Influenza Season

- # of samples tested at HETL: 10
 - # positive: 3
 - % positive: 30.0
- # of samples tested at Maine Reference Labs: 43
 - # positive: 5
 - % positive: 11.6
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 2

Positive PCR Samples for Influenza, HETL – Maine, 2012-13



Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2012-13

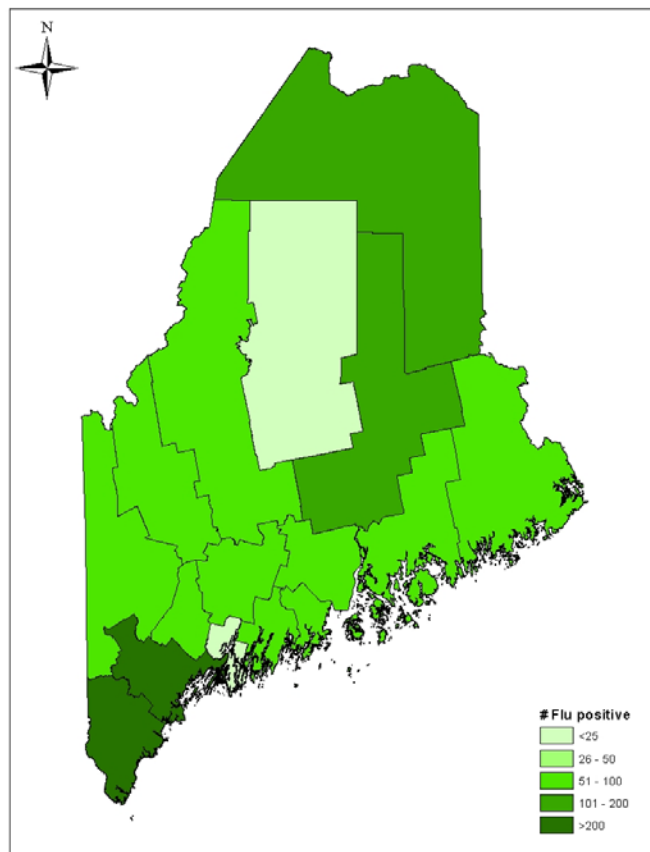


Geographic Distribution of Lab Tests

Information about this map:

- Includes culture, PCR, and rapid antigen positive test results
- Aggregated lab data received from reference labs is not displayed on this map
- Influenza is not reportable, therefore this map is understood to be an underrepresentation of the true burden of influenza
- Only influenza tests reported on a patient level (with patient name and date of birth) are represented in this map
- If patient address is not received, the location of the ordering physician is used
- Does not include titer results as we cannot differentiate between infection and immunity

Positive Influenza Tests, Maine 2012-13



Antiviral Resistance – Maine, 2012-13 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 12
 - # with resistance: 0
- # of Influenza A(H3) samples tested for Tamiflu resistance at HETL: 54
 - # with resistance: 0

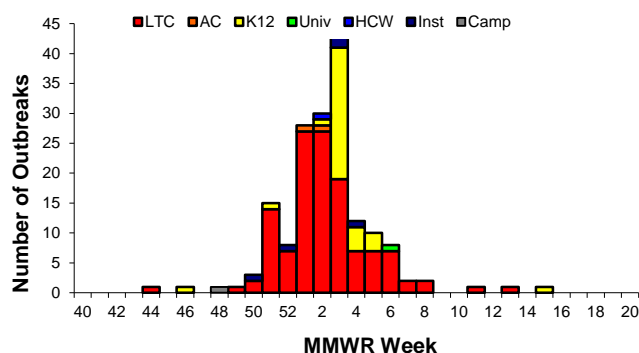
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 2,209 influenza viruses since October 1, 2012.
 - 98.6% of influenza A/H1 samples matched the vaccine strain
 - 99.7% of influenza A/H3 samples matched the vaccine strain
 - 67.2% of influenza B samples matched the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2012-13 Influenza Season

- # new outbreaks: 0
- Total outbreaks 2012-13 season: 168

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2012-13



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, 2012-13

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	8		3			3		14
Aroostook	10					1		11
Cumberland	27	1	5					33
Franklin	3		1					4
Hancock	4							4
Kennebec	13		1					14
Knox	5		5					10
Lincoln	2		2			1	1	6
Oxford	9		3					12
Penobscot	16		3		1			20
Piscataquis		1						1
Sagadahoc	2			1				3
Somerset	9		2					11
Waldo	2		6					8
Washington	3		2					5
York	12							12
Total	125	2	33	1	1	5	1	168

Pediatric Influenza Deaths

- 1 pediatric influenza-associated death reported in an unvaccinated child from Central 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 2012-13 Influenza Season Week 16 ending Apr 20, 2013

