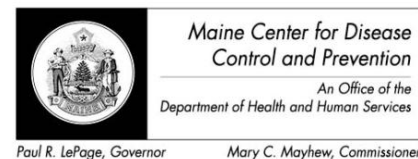


Maine Weekly Influenza Surveillance Report

February 26, 2013



For MMWR week 8 (ending 2/23/2013)

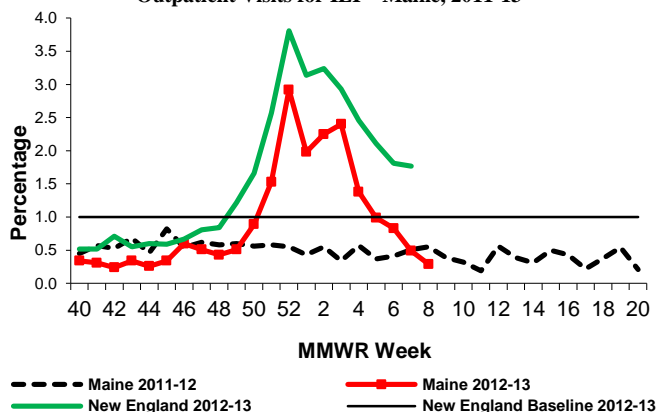
New This Week

- Federal Flu Code: Regional
- 2 new outbreaks reported

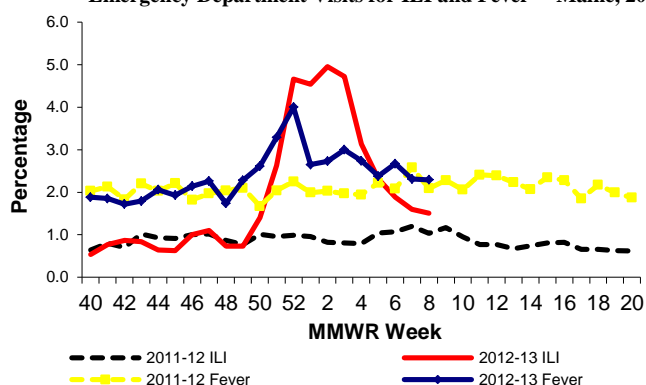
Surveillance Information – Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 19
 - % of visits for Influenza-Like Illness (ILI): 0.29
- Number of Emergency Departments participating: 26
 - % of visits for ILI: 1.51
 - % of visits for fever: 2.29
- Number of Hospitals reporting: 1
 - % of admissions due to Pneumonia & Influenza (P&I): 6.2
- Electronic Death Reporting System
 - % of deaths due to P&I: 9.3

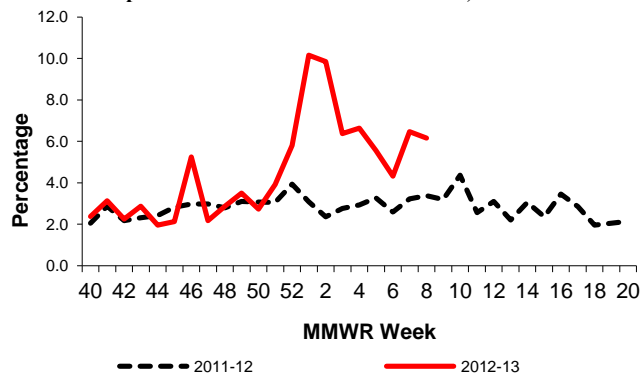
Outpatient Visits for ILI – Maine, 2011-13



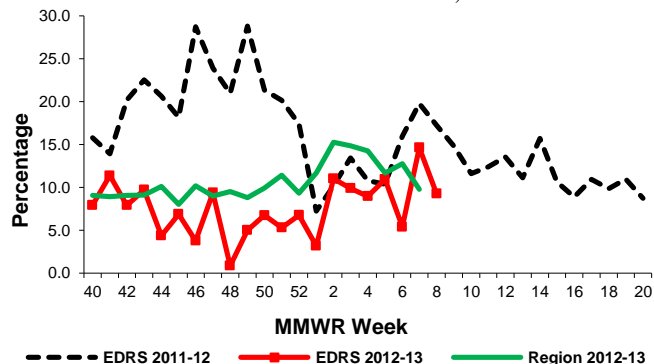
Emergency Department Visits for ILI and Fever – Maine, 2011 -13



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



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

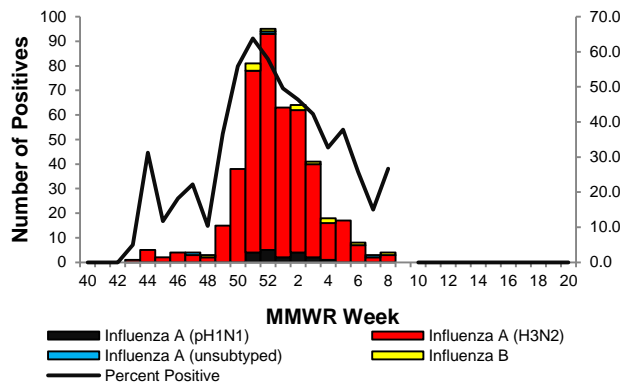


All data are preliminary and subject to change

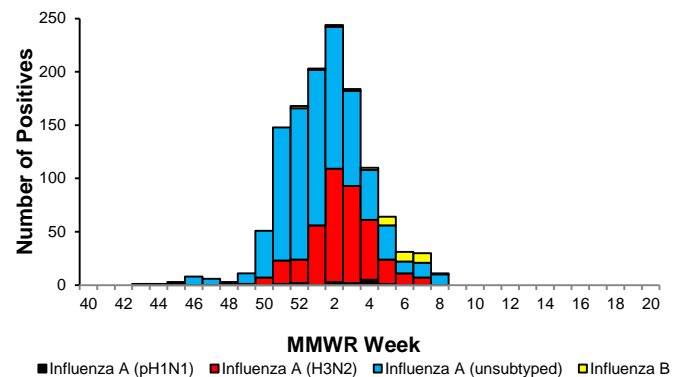
Lab Data – Maine, 2012-2013 Influenza Season

- # of samples tested at HETL: 15
 - # positive: 4
 - % positive: 26.7
- # of samples tested at Maine Reference Labs: 99
 - # positive: 11
 - % positive: 11.1
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 4

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



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

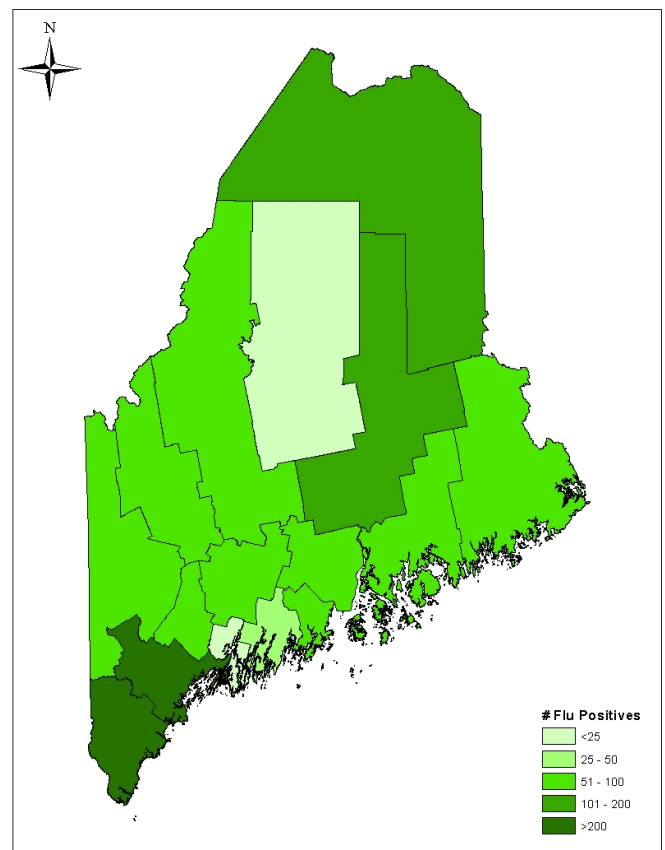


Geographic Distribution of Lab Tests

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



All data are preliminary and subject to change

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: 42
 - # with resistance: 0

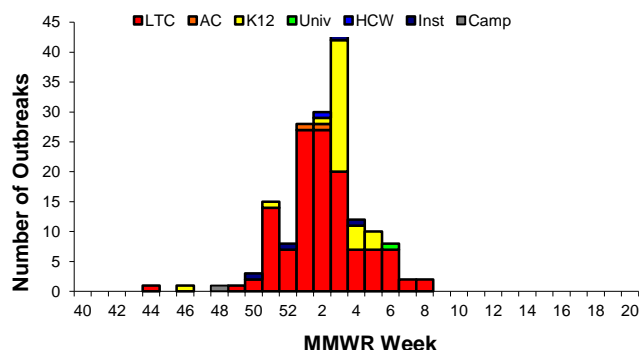
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,185 influenza viruses since October 1, 2012.
 - 100% of influenza A/H1 samples matched the vaccine strain
 - 99.5% of influenza A/H3 samples matched the vaccine strain
 - 70.7% of influenza B samples matched the vaccine strain

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

- # new outbreaks: 2
- Total outbreaks 2012-13 season: 166

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	4		5					9
Lincoln	2		2			1	1	6
Oxford	8		2					10
Penobscot	16		3		1			20
Piscataquis		1						1
Sagadahoc	2			1				3
Somerset	10		2					12
Waldo	2		6					8
Washington	3		2					5
York	12							12
Total	124	2	32	1	1	5	1	166

Pediatric Influenza Deaths

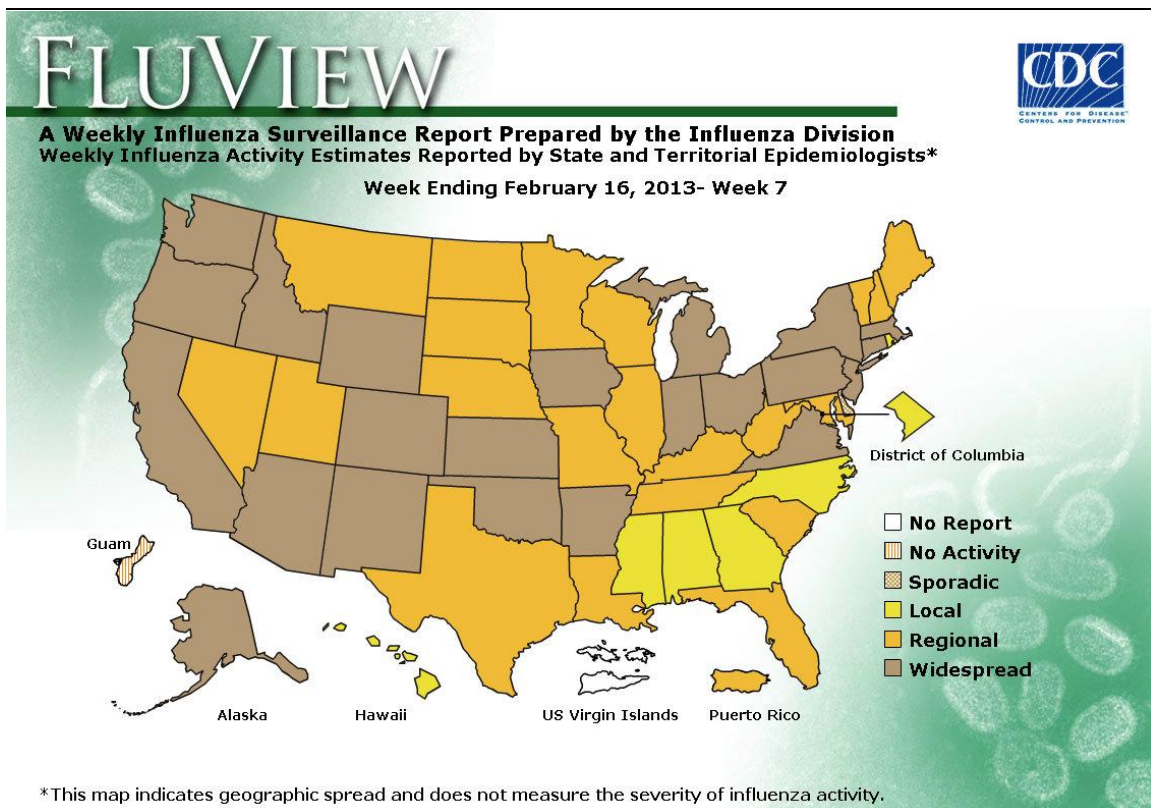
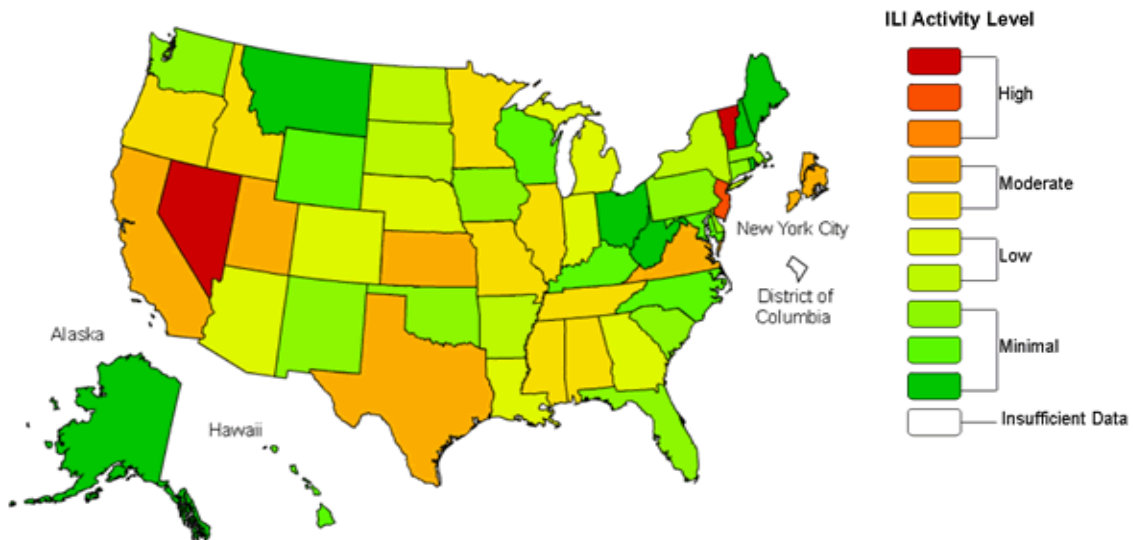
- 1 pediatric influenza-associated death reported in an unvaccinated child from Central Maine

All data are preliminary and subject to change

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 7 ending Feb 16, 2013



All data are preliminary and subject to change