Maine Weekly Influenza Surveillance Report

January 29, 2013



Mary C. Mayhew, Commissioner

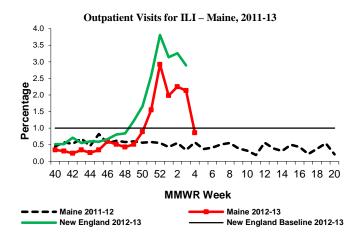
For MMWR week 4 (ending 1/26/2013)

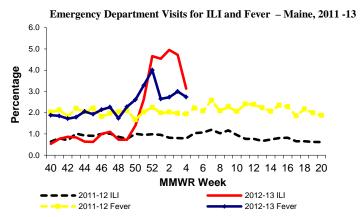
New This Week

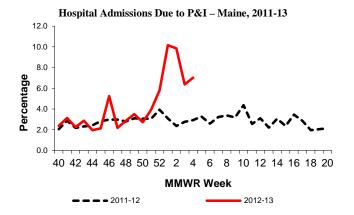
- Federal Flu Code: Widespread
- 12 new outbreaks reported

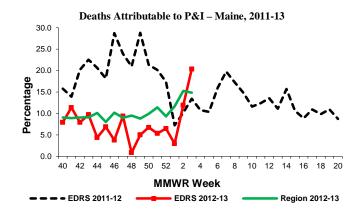
Surveillance Information – Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 18
 - % of visits for Influenza-Like Illness (ILI): 0.86
- Number of Emergency Departments participating: 26
 - % of visits for ILI: 3.13
 - % of visits for fever: 2.74
- Number of Hospitals reporting: 3
 - o % of admissions due to Pneumonia &Influenza (P&I): 7.0
- Electronic Death Reporting System
 - % of deaths due to P&I: no data









Lab Data - Maine, 2012-2013 Influenza Season

• # of samples tested at HETL: 46

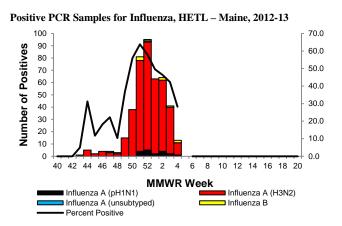
positive: 13 % positive: 28.3

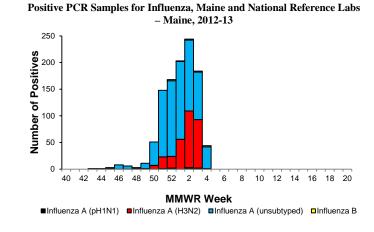
of samples tested at Maine Reference Labs: 180

positive: 42 % positive: 23.3

• # of samples positive at National Reference Labs: 2

• # of samples positive by rapid antigen test: 50



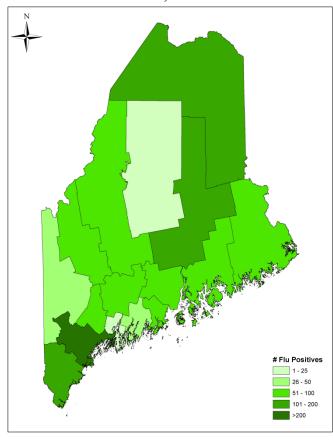


Geographic Distribution of Lab Tests

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: 9
 - o # with resistance: 0
- # of Influenza A(H3) samples tested for Tamiflu resistance at HETL: 34
 - o # with resistance: 0

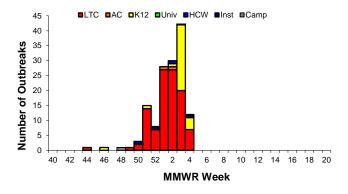
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 751 influenza viruses since October 1, 2012.
 - o 100% of influenza A/H1 samples matched the vaccine strain
 - o 99.6% of influenza A/H3 samples matched the vaccine strain
 - o 69.0% of influenza B samples matched the vaccine strain

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

- # new outbreaks: 12
- Total outbreaks 2012-13 season: 144

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



Outbreak Facility Type Key:

Camp - Camp

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)

Influenza-Like Illness Outbreak by Facility Type and County – Maine, 2012-13

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	6		3			3		12
Aroostook	10					1		11
Cumberland	22	1	5					28
Franklin	3							3
Hancock	4							4
Kennebec	12		1					13
Knox	3		5					8
Lincoln	2		2			1	1	6
Oxford	6		2					8
Penobscot	13		2		1			16
Piscataquis		1						1
Sagadahoc	2							2
Somerset	9		1					10
Waldo	2		6					8
Washington	3		2					5
York	9							9
Total	106	2	29	0	1	5	1	144

Pediatric Influenza Deaths

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2012-13 Influenza Season Week 3 ending Jan 19, 2013

