Maine Weekly Influenza Surveillance Report

Control and Prevention An Office of the ent of Health and Human Services

Mary C. Mayhew, Commissioner

Maine Center for Disease

February 5, 2013

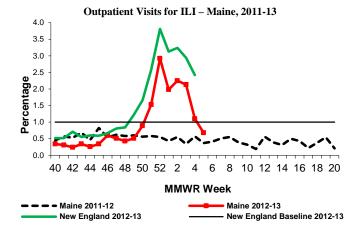
For MMWR week 5 (ending 2/2/2013)

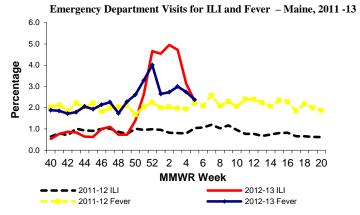
New This Week

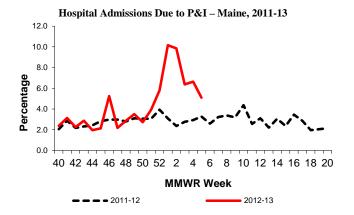
- Federal Flu Code: Widespread
- 10 new outbreaks reported

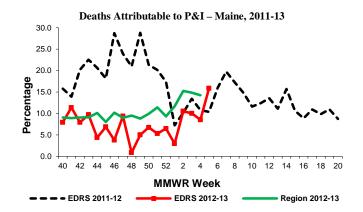
Surveillance Information – Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 12
 - % of visits for Influenza-Like Illness (ILI): 0.68
- Number of Emergency Departments participating: 26
 - % of visits for ILI: 2.31
 - % of visits for fever: 2.38
- Number of Hospitals reporting: 3
 - o % of admissions due to Pneumonia &Influenza (P&I): 5.1
- Electronic Death Reporting System
 - % of deaths due to P&I: 15.9









Lab Data - Maine, 2012-2013 Influenza Season

• # of samples tested at HETL: 41

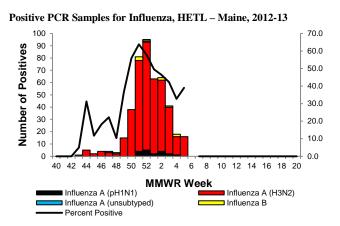
positive: 16 % positive: 39.0

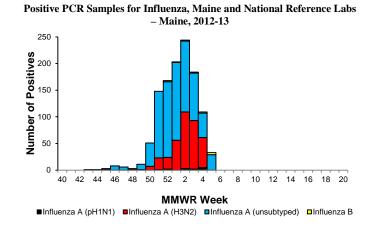
• # of samples tested at Maine Reference Labs: 128

positive: 33 % positive: 25.8

of samples positive at National Reference Labs: 0

• # of samples positive by rapid antigen test: 36



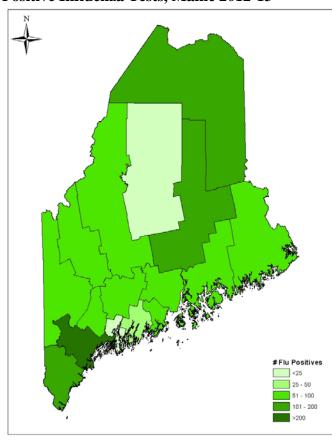


Geographic Distribution of Lab Tests

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: 38
 - # with resistance: 0

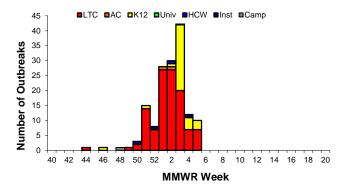
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 920 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 70.8% of influenza B samples matched the vaccine strain

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

- # new outbreaks: 10
- Total outbreaks 2012-13 season: 154

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	7		3			3		13
Aroostook	10					1		11
Cumberland	24	1	5					30
Franklin	3		1					4
Hancock	4							4
Kennebec	13		1					14
Knox	4		5					9
Lincoln	2		2			1	1	6
Oxford	7		2					9
Penobscot	13		3		1			17
Piscataquis		1						1
Sagadahoc	2							2
Somerset	9		2					11
Waldo	2		6					8
Washington	3		2					5
York	10							10
Total	113	2	32	0	1	5	1	154

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 4 ending Jan 26, 2013

