Maine Weekly Influenza Surveillance Report

December 4, 2012



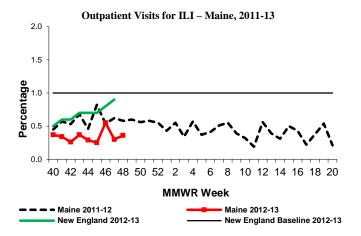
For MMWR week 48 (ending 12/1/12)

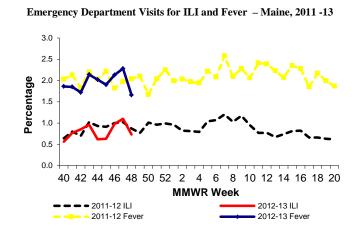
New This Week

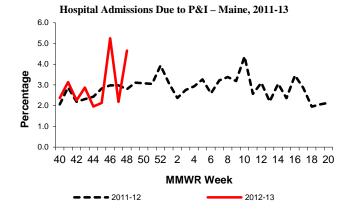
- Federal Flu Code: Regional
- One new outbreak reported, in a camp

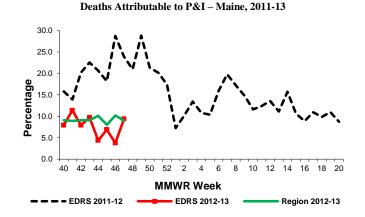
Surveillance Information - Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 21
 - o % of visits for Influenza-Like Illness (ILI): 0.36
- Number of Emergency Departments participating: 24
 - o % of visits for ILI: 0.73
 - o % of visits for fever: 1.66
- Number of Hospitals reporting: 2
 - o % of admissions due to Pneumonia &Influenza (P&I): 4.7
- Electronic Death Reporting System
 - o % of deaths due to P&I: no data









Lab Data – Maine, 2012-2013 Influenza Season

• # of samples tested at HETL: 26

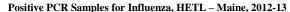
positive: 3 % positive: 11.5

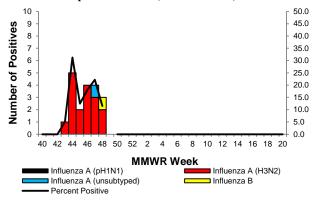
• # of samples tested at Maine Reference Labs: 29

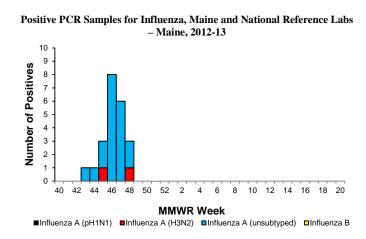
positive: 3 % positive: 11

of samples positive at National Reference Labs: 0

• # of samples positive by rapid antigen test: 2





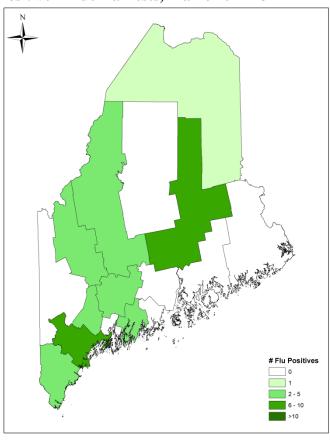


Geographic Distribution of Lab Tests

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



- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 0
 - o # with resistance: 0
- # of Influenza A(H3) samples tested for Tamiflu resistance at HETL: 9
 - o # with resistance: 0

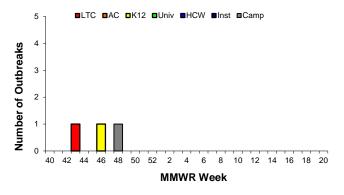
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 140 influenza viruses since October 1, 2012.
 - o 100% of influenza A/H1 samples matched the vaccine strain
 - o 100% 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: 1
- Total outbreaks 2012-13 season: 3

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								0
Aroostook								0
Cumberland								0
Franklin								0
Hancock								0
Kennebec								0
Knox								0
Lincoln							1	1
Oxford								0
Penobscot	1							1
Piscataquis								0
Sagadahoc								0
Somerset			1					1
Waldo								0
Washington								0
York							-	0
Total	1	0	1	0	0	0	1	3

Pediatric Influenza Deaths

• No pediatric influenza-associated deaths reported during the 2012-13 influenza season

National Influenza Surveillance Data

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2012-13 Influenza Season Week 47 ending Nov 24, 2012

