# Maine Weekly Influenza Surveillance Report

January 22, 2013



Paul R. LePage, Governo

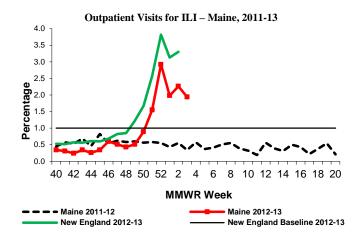
For MMWR week 3 (ending 1/19/2013)

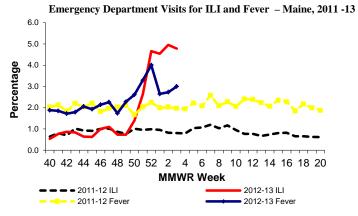
#### **New This Week**

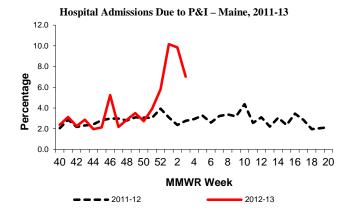
- Federal Flu Code: Widespread
- 44 new outbreaks reported

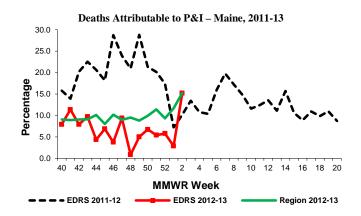
## Surveillance Information - Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 22
  - o % of visits for Influenza-Like Illness (ILI): 1.94
- Number of Emergency Departments participating: 26
  - o % of visits for ILI: 4.78
  - o % of visits for fever: 3.00
- Number of Hospitals reporting: 3
  - o % of admissions due to Pneumonia &Influenza (P&I): 7.0
- 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: 73

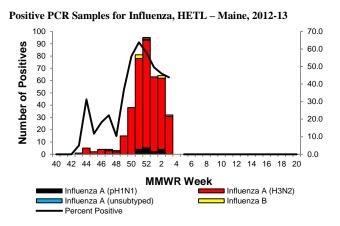
# positive: 32 % positive: 43.8

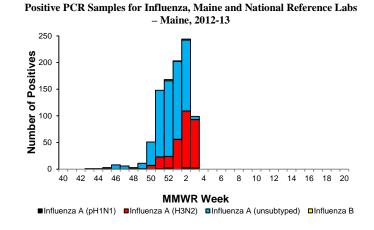
• # of samples tested at Maine Reference Labs: 248

# positive: 99 % positive: 40.0

# of samples positive at National Reference Labs: 0

• # of samples positive by rapid antigen test: 63



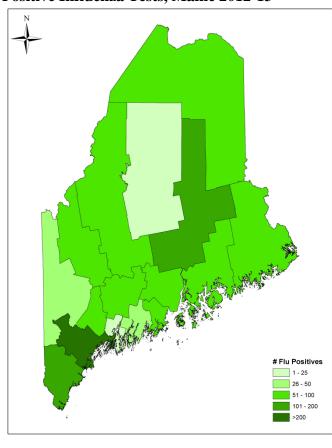


# **Geographic Distribution of Lab Tests**

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

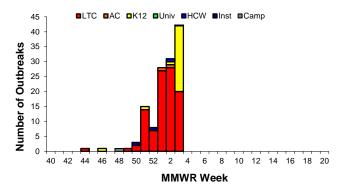
## **Antigenic Characterization (Vaccine Match)**

- Federal CDC has antigenically characterized 612 influenza viruses since October 1, 2012.
  - o 100% of influenza A/H1 samples matched the vaccine strain
  - o 99.5% of influenza A/H3 samples matched the vaccine strain
  - o 66.7% of influenza B samples matched the vaccine strain

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

- # new outbreaks: 44
- Total outbreaks 2012-13 season: 132

#### 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	6		3			3		12
Aroostook	9					1		10
Cumberland	20	1	5					26
Franklin	2							2
Hancock	4							4
Kennebec	11							11
Knox	3		4					7
Lincoln	1		2				1	4
Oxford	5		2					7
Penobscot	13		1		1			15
Piscataquis		1						1
Sagadahoc	2							2
Somerset	9		1					10
Waldo	2		5					7
Washington	3		2					5
York	9							9
Total	99	2	25	0	1	4	1	132

#### **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 2 ending Jan 12, 2013

