

Maine Weekly Influenza Surveillance Report

January 2, 2013

For MMWR week 52 (ending 12/29/12)

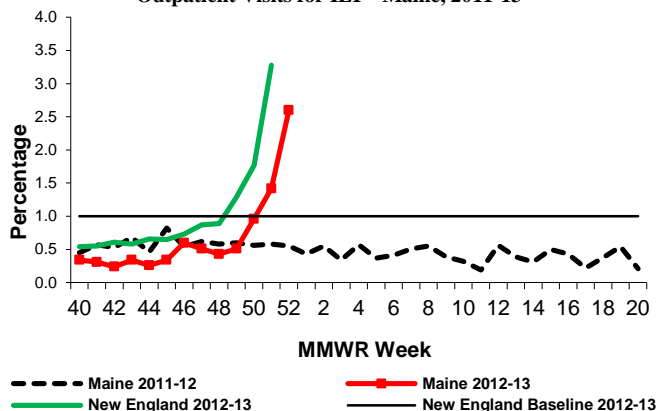
New This Week

- Federal Flu Code: Widespread
- 7 new outbreaks reported, 6 in long term care facilities, and 1 in an institution

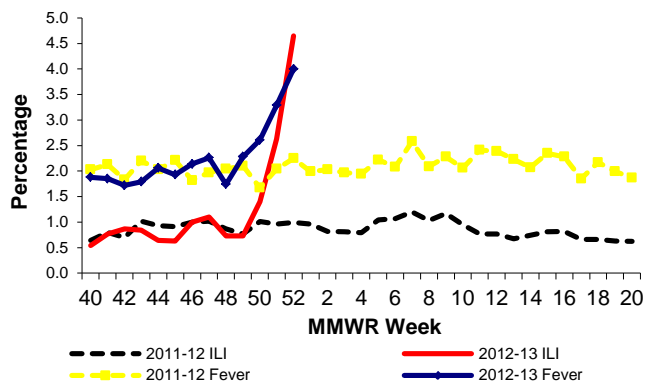
Surveillance Information – Maine, 2012-2013 Influenza Season

- Number of ILINet Providers reporting: 16
 - % of visits for Influenza-Like Illness (ILI): 2.60
- Number of Emergency Departments participating: 26
 - % of visits for ILI: 4.65
 - % of visits for fever: 4.00
- Number of Hospitals reporting: 3
 - % of admissions due to Pneumonia & Influenza (P&I): 4.9
- Electronic Death Reporting System
 - % of deaths due to P&I: no data

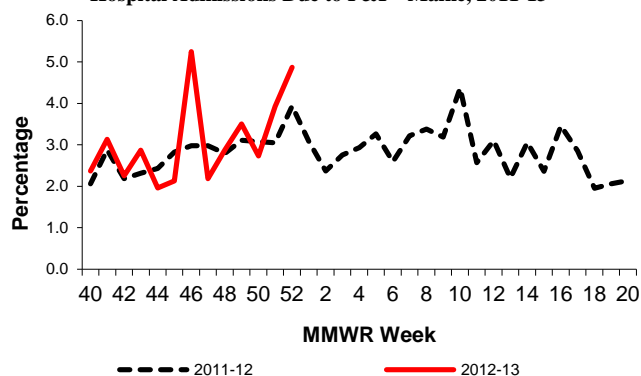
Outpatient Visits for ILI – Maine, 2011-13



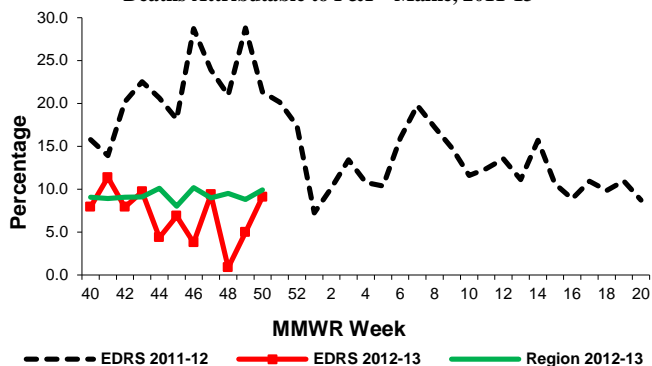
Emergency Department Visits for ILI and Fever – Maine, 2011 -13



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



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

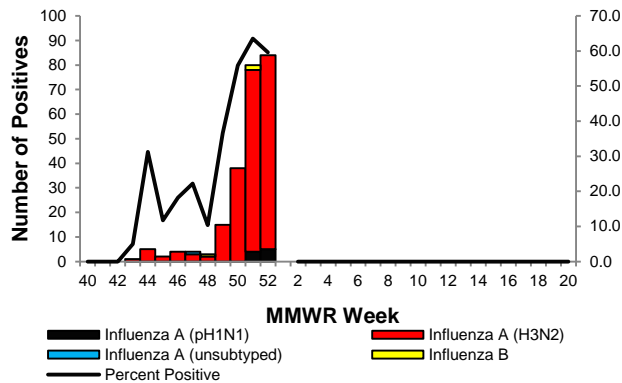


All data are preliminary and subject to change

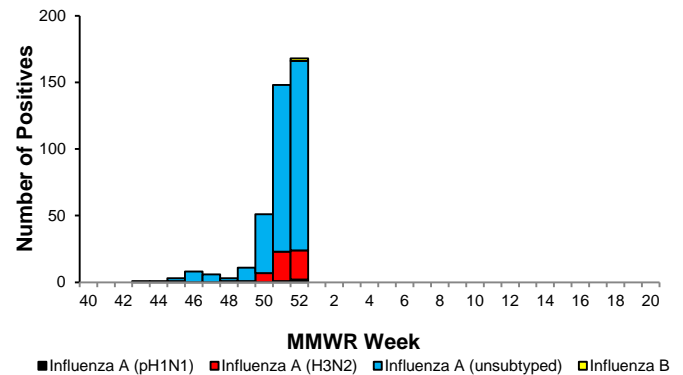
Lab Data – Maine, 2012-2013 Influenza Season

- # of samples tested at HETL: 141
 - # positive: 84
 - % positive: 59.6
- # of samples tested at Maine Reference Labs: 300
 - # positive: 167
 - % positive: 55.7
- # of samples positive at National Reference Labs: 1
- # of samples positive by rapid antigen test: 107

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



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

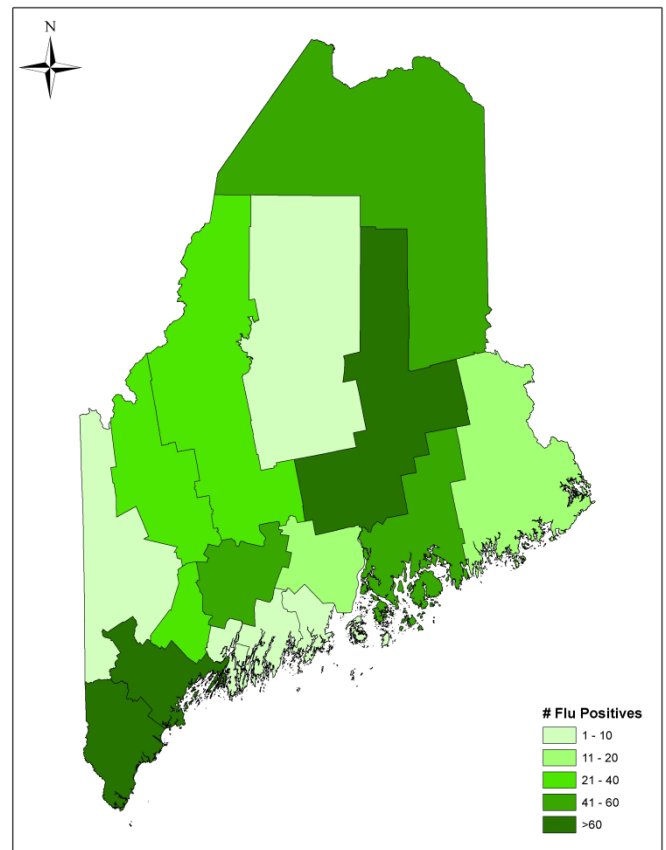


Geographic Distribution of Lab Tests

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



Antiviral Resistance – Maine, 2012-13 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 0
 - # with resistance: 0
- # of Influenza A(H3) samples tested for Tamiflu resistance at HETL: 24
 - # with resistance: 0

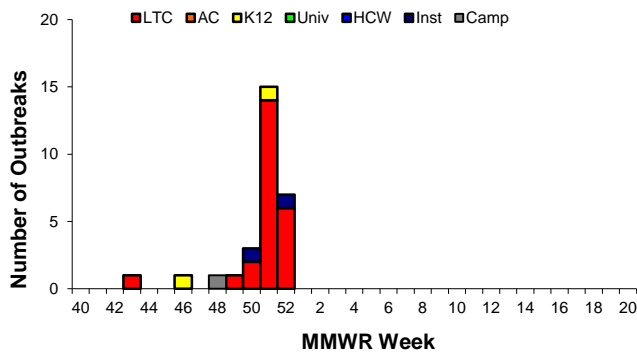
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 406 influenza viruses since October 1, 2012.
 - 100% of influenza A/H1 samples matched the vaccine strain
 - 99.3% of influenza A/H3 samples matched the vaccine strain
 - 68.7% of influenza B samples matched the vaccine strain

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

- # new outbreaks: 7
- Total outbreaks 2012-13 season: 32

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						1		1
Aroostook	2					1		3
Cumberland	3		1					4
Franklin	2							2
Hancock	1							1
Kennebec	6							6
Knox								0
Lincoln							1	1
Oxford	1							1
Penobscot	2							2
Piscataquis								0
Sagadahoc	1							1
Somerset	5		1					6
Waldo	1							1
Washington	1							1
York	2							2
Total	27	0	2	0	0	2	1	32

Pediatric Influenza Deaths

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

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 51 ending Dec 22, 2012

