Maine Weekly Influenza Surveillance Report

October 25, 2016

Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor — Mary C. Mayhew, Commissioner

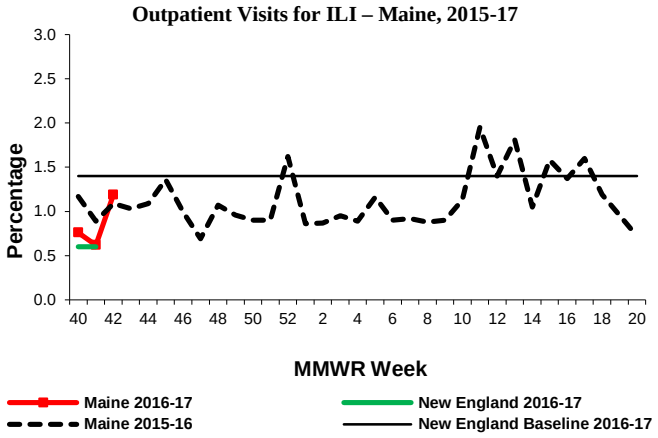
For MMWR week 42 (ending 10/22/2016)

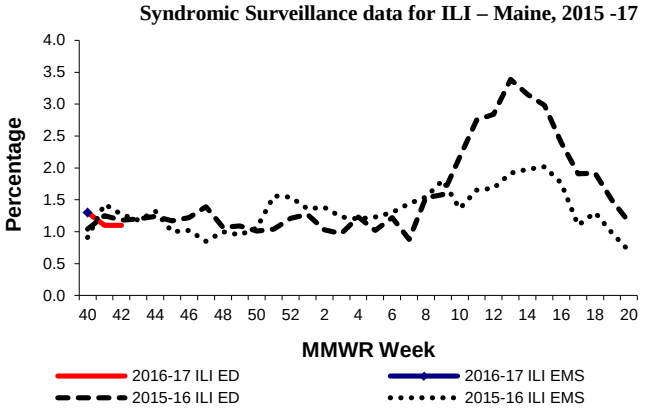
New This Week

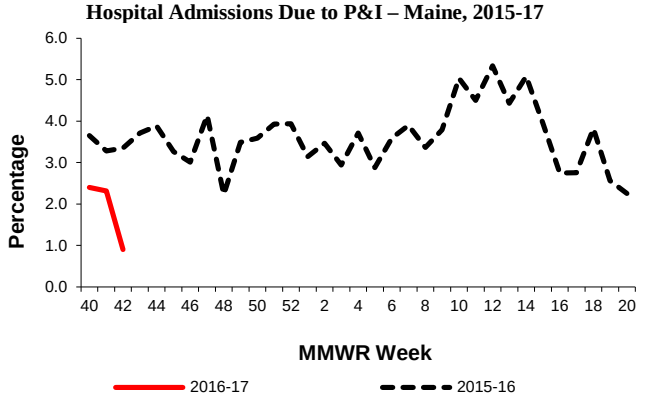
- Federal Flu Code: Sporadic
- 1 new hospitalization reported

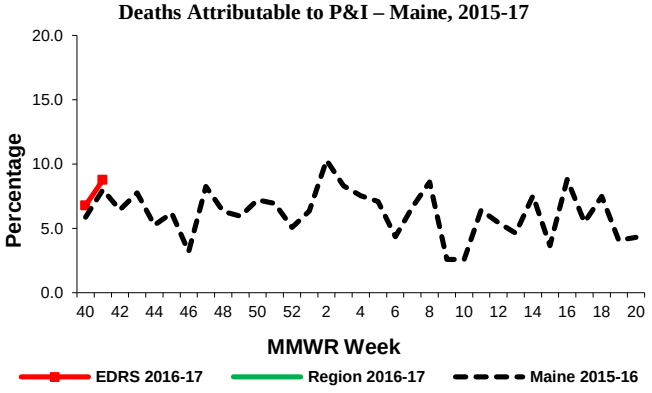
Surveillance Information – Maine, 2016-2017 Influenza Season

- Number of ILINet Providers reporting: 20
  - % of visits for Influenza-Like Illness (ILI): 1.19
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.1
  - % of Emergency Medical Services (EMS) runs for ILI: no data
- Number of Hospitals reporting: 1
  - % of admissions due to Pneumonia & Influenza (P&I): 0.9
- Electronic Death Reporting System
  - % of deaths due to P&I: no data







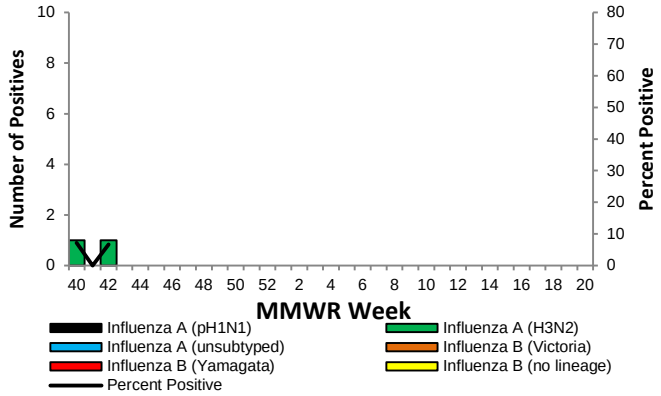


All data is preliminary and subject to change

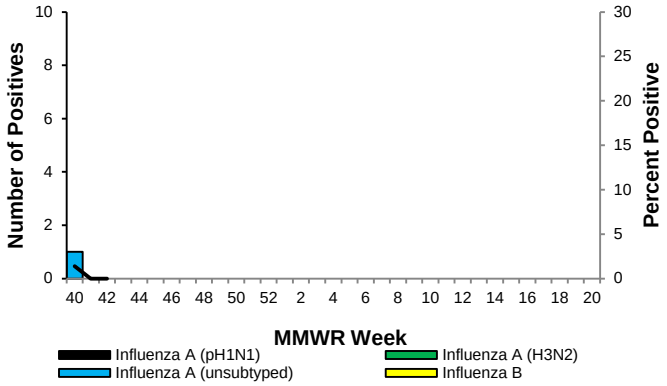
Lab Data – Maine, 2016-2017 Influenza Season

- # of samples tested at HETL: 15
  - # positive: 1
  - % positive: 6.7
- # of samples tested at Maine Reference Labs: 2
  - # positive: 0
  - % positive: 0
- # of samples positive by rapid antigen test: 1

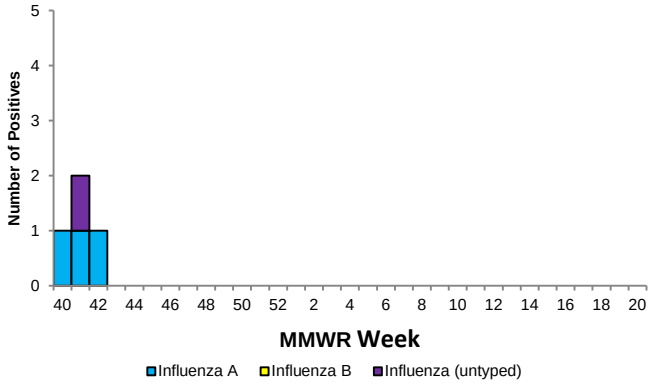
Positive PCR Samples for Influenza, HETL – Maine, 2016-17



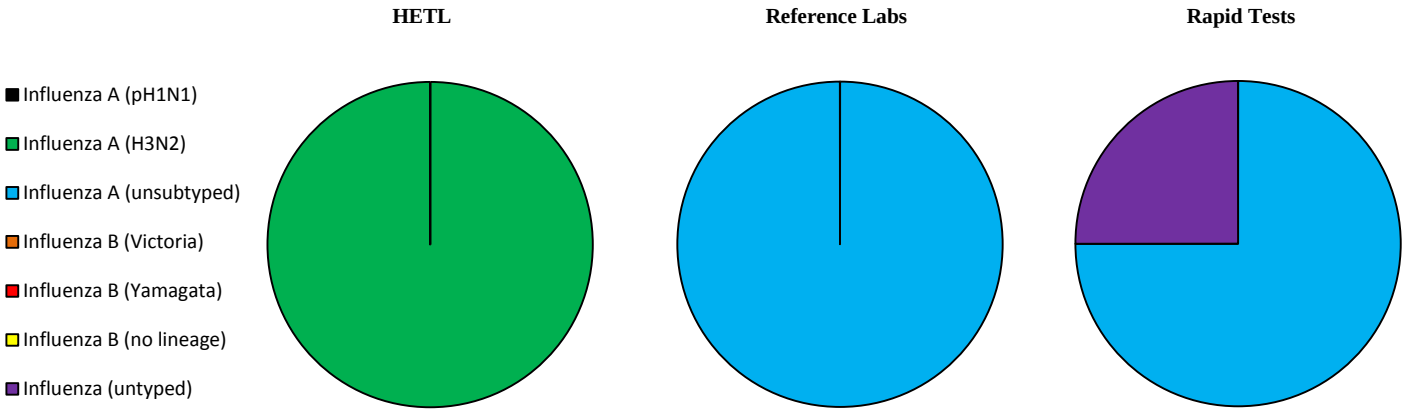
Positive Samples for Influenza, Maine Reference Labs – Maine, 2016-17



Positive Influenza Rapid Antigen Tests – Maine, 2016-17



Cumulative Influenza Positive Tests Reported to Maine CDC by Strain and Test Type



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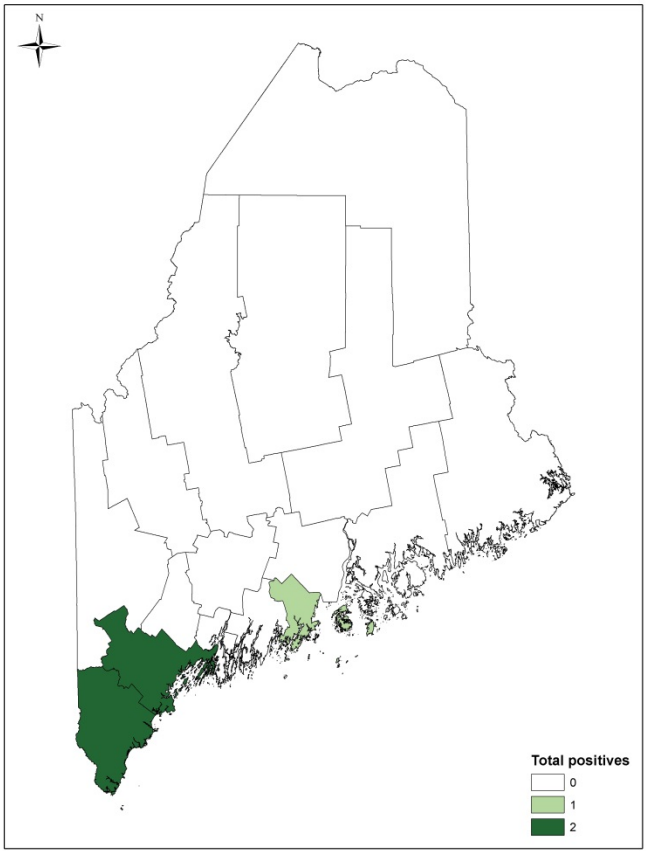
Geographic Distribution of Lab Tests, Maine 2016-17*

County	Positive labs		Hospitalizations	
	Tested this week	Total	New this week	Total
Androscoggin	0	0	0	0
Aroostook	0	0	0	0
Cumberland	0	2	0	0
Franklin	0	0	0	0
Hancock	0	0	0	0
Kennebec	0	0	0	0
Knox	1	1	0	0
Lincoln	0	0	0	0
Oxford	0	0	0	0
Penobscot	0	0	0	0
Piscataquis	0	0	0	0
Sagadahoc	0	0	0	0
Somerset	0	0	0	0
Waldo	0	0	0	0
Washington	0	0	0	0
York	1	2	1	1
Total	**2**	**5**	**1**	**1**

*Only reported PCR, culture, and rapid antigen tests are included in the chart and map. For more information, see the methods page on http://www.maine.gov/dhhs/mecdc/infectious-disease/epi/influenza/influenza-surveillance-weekly-updates.shtml

Positive Influenza Tests, Maine 2016-17



Antiviral Resistance – Maine, 2016-17 Influenza Season

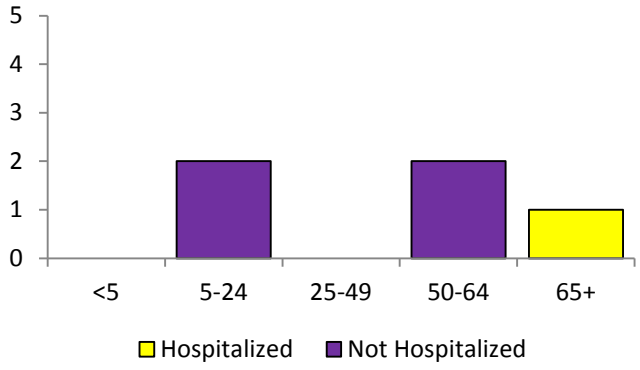
- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 0
  - # with resistance: 0
- # of Influenza A (H3) samples tested for Tamiflu resistance at HETL: 0
  - # with resistance: 0

Age and Gender Information – Maine, 2016-17 Influenza Season

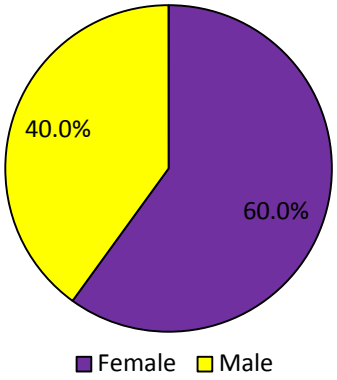
- Minimum Age: 6 years
- Mean Age: 46 years
- Maximum Age: 84 years

- Hospitalized Minimum Age: 84 years
- Hospitalized Mean Age: 84 years
- Hospitalized Maximum Age: 84 years

Positive Influenza Tests by Age – Maine, 2016-17



Positive Influenza Tests by Gender – Maine, 2016-17



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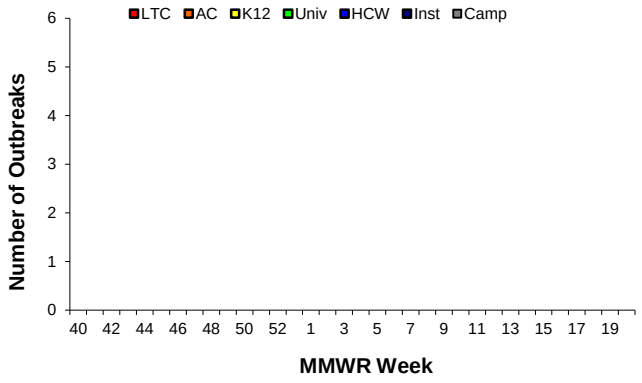
Antigenic Characterization (Vaccine Match)

- Federal CDC antigenically characterized 133 influenza viruses between May 22 – September 30, 2016
  - 100% of influenza A/H1N1 samples match the vaccine strain
  - 80.1% of influenza A/H3 samples match the vaccine strain
  - 100% of influenza B/Yamagata samples match the vaccine strain
  - 100% of influenza B/Victoria samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2016-17 Influenza Season

- # new outbreaks: 0
- Total outbreaks 2016-17 season: 0

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2016-17



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, 2016-17

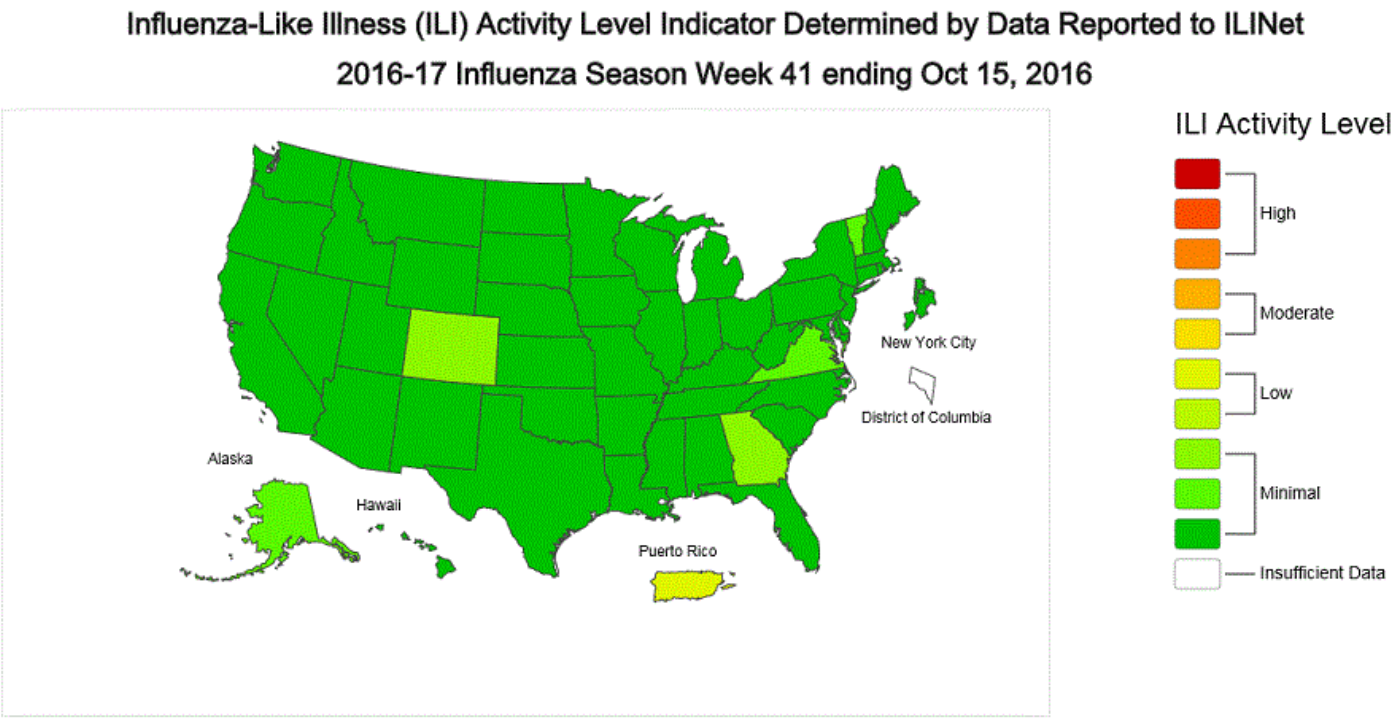
County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	0	0	0	0	0	0	0	0
Aroostook	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0
Hancock	0	0	0	0	0	0	0	0
Kennebec	0	0	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0	0	0
Oxford	0	0	0	0	0	0	0	0
Penobscot	0	0	0	0	0	0	0	0
Piscataquis	0	0	0	0	0	0	0	0
Sagadahoc	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	0	0	0	0
Waldo	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
York	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

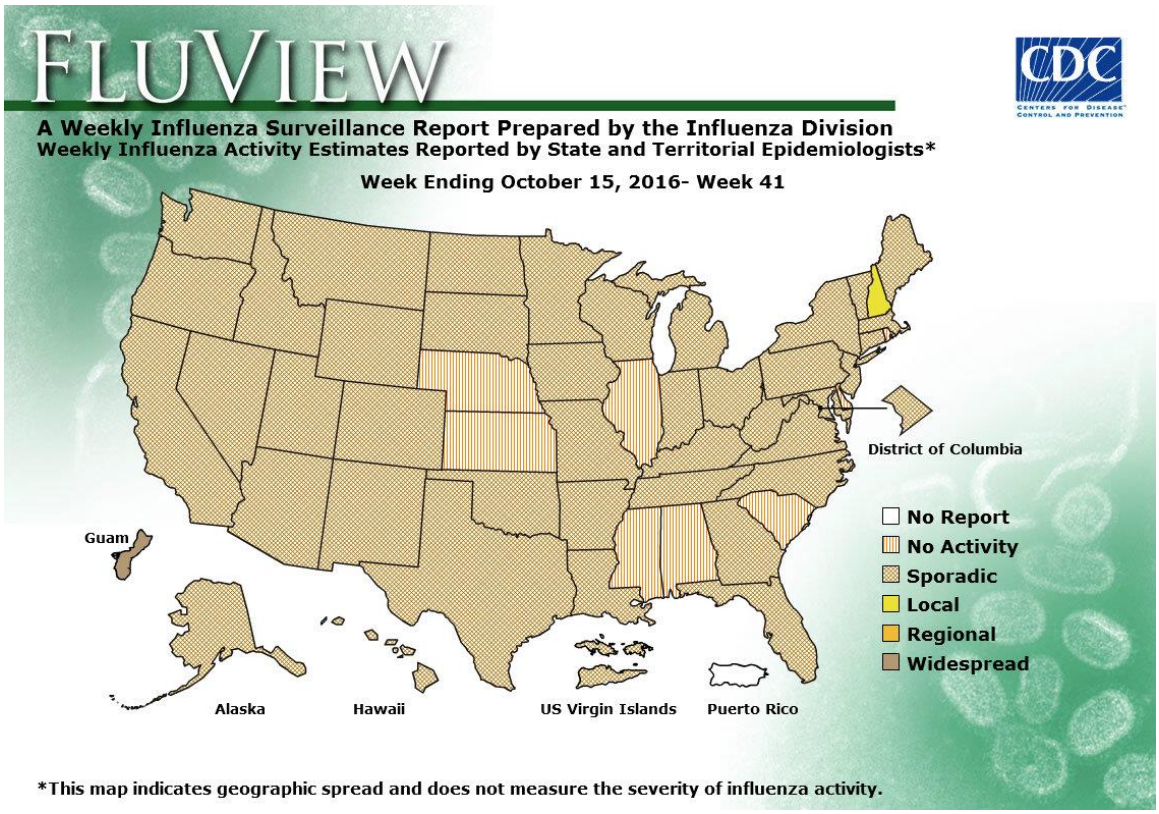
Pediatric Influenza Deaths

- No pediatric influenza-associated deaths reported during the 2016-17 influenza season

All data is preliminary and subject to change

National Influenza Surveillance Data
Source: http://www.cdc.gov/flu/weekly/





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