Maine Weekly Influenza Surveillance Report

Maine Center for Disease
Control and Prevention

An Office of the
Department of Health and Human Services

May 18, 2010

Cumulative data since April 27, 2009

- 2,235 lab tested cases of H1N1 to date
 - o 232 Maine residents have been hospitalized
- 21 deaths reported to date*
- 88% of lab confirmed H1N1 cases in Maine residents are under the age of 50 (range 0-89 years, mean of 23 years)

New This Week**

- Federal Flu Code: No activity
- No new confirmed cases of H1N1 this week
 - No new hospitalizations
 - No new deaths
- No new outbreaks

** "New" defined as reported during the previous week (Sunday through Saturday)

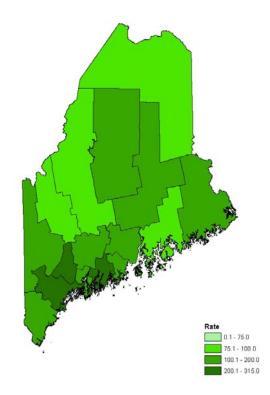
Characteristics of Lab Confirmed H1N1 Influenza Cases - Maine Residents, 2009 - 10

Ag	At Risk				Hospital Care				Deaths			
Age Group	#	New	HCW	New	Pregnant	New	Hospitalized	New	ICU	New	#	New
<5	246	0	0	0	0	0	29	0	5	0	0	0
5 to 18	1012	0	1	0	0	0	29	0	7	0	0	0
19 to 24	225	0	11	0	8	0	15	0	2	0	1	0
25 to 49	482	0	37	0	23	0	62	0	17	0	3	0
50 to 64	208	0	15	0	0	0	65	0	25	0	7	0
≥65	62	0	0	0	0	0	32	0	10	0	10	0
Total	2235	0	64	0	31	0	232	0	66	0	21	0

Lab confirmed H1N1 Influenza Cases by County – Maine Residents, 2009 - 10

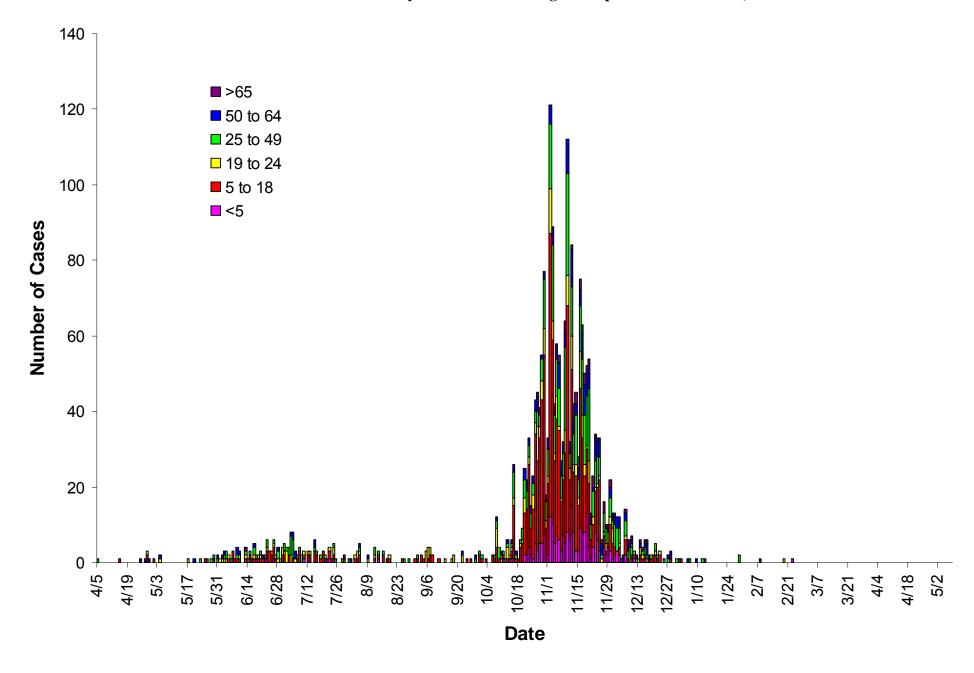
County	Maine Residents	New	Hosp	New		
Androscoggin	223	0	30	0		
Aroostook	64	0	8	0		
Cumberland	640	0	37	0		
Franklin	28	0	8	0		
Hancock	50	0	8	0		
Kennebec	158	0	18	0		
Knox	43	0	6	0		
Lincoln	103	0	1	0		
Oxford	69	0	8	0		
Penobscot	294	0	47	0		
Piscataquis	21	0	8	0		
Sagadahoc	43	0	0	0		
Somerset	47	0	6	0		
Waldo	44	0	2	0		
Washington	63	0	9	0		
York	345	0	36	0		
Total	2235	0	232	0		

Lab Confirmed H1N1 Infections per 100,000 People by County - Maine Residents, 2009 - 10



^{*}Deaths continue to be found through Vital Records reporting, which has about a 3 month delay. We expect a small number of additional H1N1 deaths may be detected through this method.

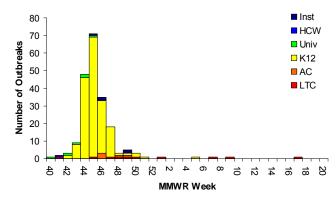
Confirmed Cases of H1N1 Influenza By Onset Date* and Age Group – Maine Residents, 2009 - 10



^{*}if onset date is not available, the date reported to the state is used as the onset date

Influenza-Like Illness Outbreaks – Maine, 2009 – 2010 Influenza Season (October 4 – May 22)

Influenza-Like Illness Outbreaks by Facility Type - Maine, 2009-10



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)

Influenza-Like Illness Outbreaks by Facility Type and County - Maine, 2009 - 10

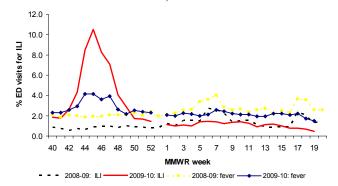
County	LTC	New	AC	New	K12	New	Univ	New	HCW	New	Inst	New
Androscoggin	1	0	2	0	17	0	1	0	0	0	0	0
Aroostook	0	0	1	0	12	0	0	0	0	0	0	0
Cumberland	0	0	2	0	14	0	0	0	0	0	1	0
Franklin	0	0	0	0	0	0	1	0	0	0	0	0
Hancock	0	0	0	0	10	0	0	0	0	0	0	0
Kennebec	3	0	0	0	24	0	0	0	0	0	0	0
Knox	0	0	0	0	4	0	0	0	0	0	0	0
Lincoln	0	0	0	0	6	0	0	0	0	0	1	0
Oxford	2	0	0	0	9	0	1	0	0	0	0	0
Penobscot	0	0	0	0	34	0	0	0	0	0	3	0
Piscataquis	0	0	0	0	5	0	0	0	0	0	0	0
Sagadahoc	0	0	0	0	3	0	0	0	0	0	0	0
Somerset	1	0	0	0	8	0	1	0	0	0	0	0
Waldo	0	0	0	0	9	0	0	0	0	0	0	0
Washington	0	0	0	0	8	0	1	0	0	0	0	0
York	3	0	0	0	14	0	1	0	0	0	1	0
Total	10	0	5	0	177	0	6	0	0	0	6	0

Surveillance Information – Maine, 2009-2010 Influenza Season

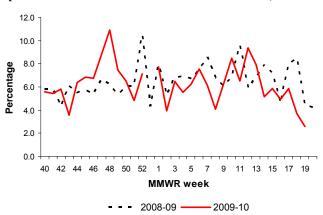
Outpatient Visits for Influenza-like Illness - Maine, 2008-10

9.0 Percentage 6.0 5.0 3.0 2.0 0.0 3 15 17 40 42 44 46 48 50 52 5 9 11 13 Weeks --- Maine 2008-09 Maine 2009-10 New England 2009-10 New England Baseline 09-10

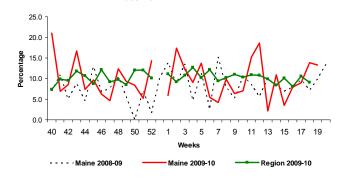
Emergency Department Visits for ILI and Fever at Seventeen Hospitals – Maine, 2008 -10



Hospital Admissions Due to Pneumonia or Influenza - Maine, 2008-10



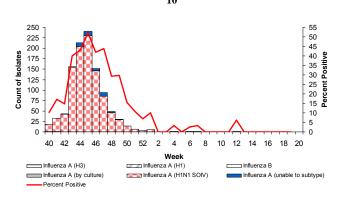
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2008-10



Lab Data

- 8,050 influenza tests have been performed at HETL since April 27, 2009
 - o 17.6% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL – Maine, 2009-



Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009 – 10

