Maine Weekly Influenza Surveillance Report

October 28, 2009



Cumulative data since April 27, 2009

- 604 confirmed and probable cases of H1N1 total to date
 - o 436 in Maine residents
 - 18 Maine residents have been hospitalized
 - o 168 in out of state residents tested in Maine
 - 5 Out of state residents have been hospitalized in Maine
- 1 death reported to date
- 91% of lab confirmed H1N1 cases in Maine residents and out of state visitors are under the age of 50 (range 0-81 years, mean of 21 years)

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

Age		Gender		At Risk		Hospital Care				Deaths		
Age group	N	%	Male	Female	HCW	Pregnant	Hospitalized	%	ICU	Ventilated	N	%
<5	27	6	17	10	0	0	2	7	0	0	0	0
5 to 18	199	46	100	99	1	0	2	1	0	1	0	0
19 to 24	76	17	32	44	4	0	3	4	0	0	0	0
25 to 49	94	22	36	58	16	2	6	6	1	1	0	0
50 to 64	38	9	18	20	6	0	4	11	2	2	1	2.6
>65	2	0	0	2	0	0	1	50	0	0	0	0
Total	436	~	203 (47%)	233 (53%)	27	2	18	4	3	4	1	0.2

Lab confirmed H1N1 Influenza Cases by County – Maine Residents and Out of State Visitors, 2009

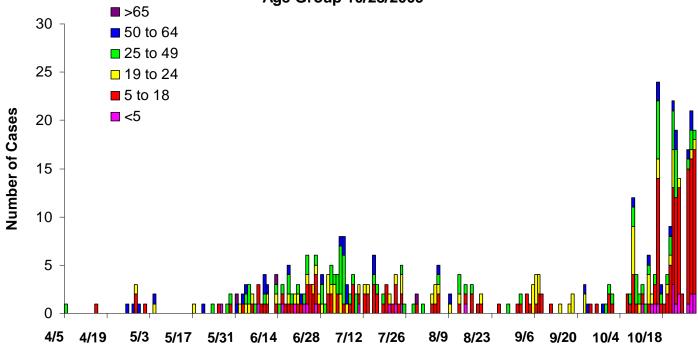
	Maine	Out of		
County	Residents	State	Total	
Androscoggin	39	9	48	
Aroostook	1	0	1	
Cumberland	129	66	195	
Franklin	0	0	0	
Hancock	10	4	14	
Kennebec	40	39	79	
Knox	4	8	12	
Lincoln	29	4	33	
Oxford	22	9	31	
Penobscot	84	4	88	
Piscataquis	0	1	1	
Sagadahoc	16	0	16	
Somerset	4	2	6	
Waldo	2	1	3	
Washington	1	1	2	
York	55	20	75	
Total	436	168	604	

Out of state cases are classified by the area in which they are staying (if a summer resident/camper) or the area in which they were tested

New This Week

- Federal Flu Code: Widespread
- 118 new confirmed and probable cases of H1N1
 - o 111 in Maine residents
 - o 6 in out of state residents tested in Maine
- 2 new hospitalizations reported: 1 from Kennebec and 1 from Somerset
 - Both hospitalized patients have been discharged and are recovering
- 9 new outbreaks reported, all in school settings. 1 residential school from Somerset, 3 K-12 schools from Lincoln, 2 K-12 schools from Kennebec, 1 K-12 school from Penobscot and 1 K-12 school from Cumberland
- The first case of H1N1 in Piscataquis county was reported in an out of state resident who was tested in Maine

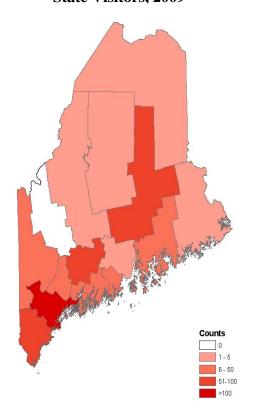
Confirmed Cases of H1N1 Influenza in Maine Residents, by Onset Date* and Age Group 10/28/2009



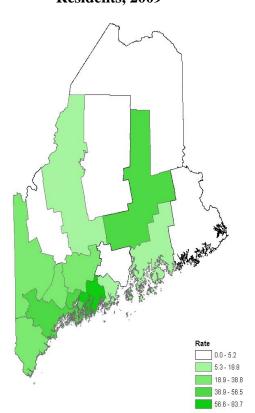
*if onset date is not available, the date reported to the state is used as the onset date

Lab Confirmed H1N1, by County

– Maine Residents and Out of
State Visitors, 2009

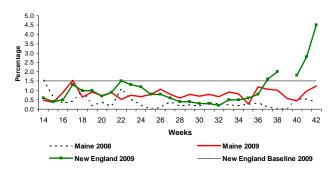


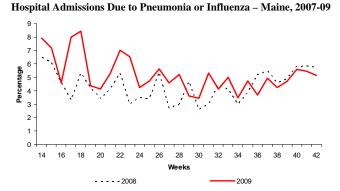
Rate of Lab Confirmed H1N1 Infection per 100,000 People, by County - Maine Residents, 2009



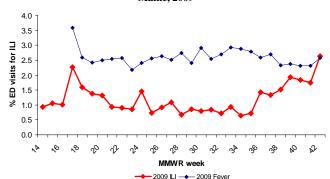
Surveillance Information

Outpatient Visits for Influenza-like Illness - Maine, 2008-09

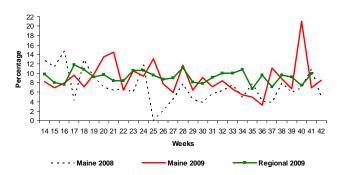




Emergency Department Visits for ILI at Eight Hospitals – Maine, 2009



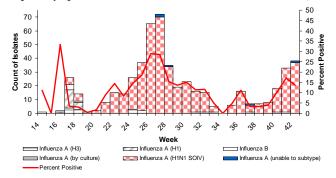
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2007-09

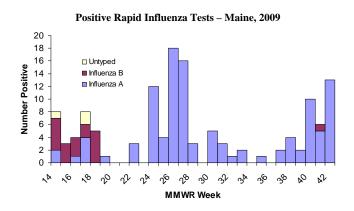


Lab Data

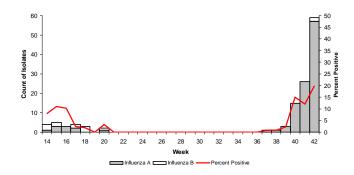
- 5,404 influenza tests have been performed since April 27, 2009
 - o 9.3% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL - Maine, 2009



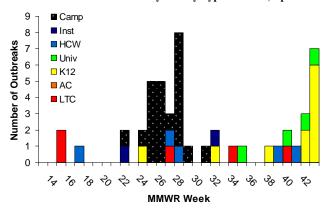


Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009



Influenza-Like Illness Outbreaks – Maine, 2009

Influenza-Like Illness Outbreaks by Facility Type in Maine, April - October 2009



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 - Summer Camps

Influenza-Like Illness Outbreaks by Facility Type and County, Maine, April – October, 2009

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	0	0	1	1	0	0	2	4
Aroostook	0	0	0	0	0	0	0	0
Cumberland	1	0	2	1	1	1	9	15
Franklin	1	0	0	0	0	0	0	1
Hancock	0	0	0	0	0	0	0	0
Kennebec	0	0	3	0	1	0	6	10
Knox	0	0	0	0	0	0	2	2
Lincoln	1	0	3	0	0	1	1	6
Oxford	0	0	0	1	0	0	1	2
Penobscot	0	0	1	0	0	0	0	1
Piscataquis	0	0	0	0	0	0	0	0
Sagadahoc	0	0	0	0	0	0	0	0
Somerset	0	0	0	1	1	0	1	3
Waldo	0	0	1	0	0	1	0	2
Washington	1	0	0	0	0	0	0	1
York	1	0	0	0	0	0	1	2
Total	5	0	11	4	3	3	23	49