# Maine Weekly Influenza Surveillance Report

Maine Center for Disease
Control and Prevention
An Office of the
Department of Health and Human Services

November 10. 2009

## Cumulative data since April 27, 2009

- 1315 confirmed and probable cases of H1N1 total to date
  - o 1141 in Maine residents
    - 47 Maine residents have been hospitalized
  - o 174 in out of state residents tested in Maine
    - 5 Out of state residents have been hospitalized in Maine
- 3 deaths reported to date
- 92% 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 20 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	91	8	53	38	0	0	5	5	0	0	0	0.0
5 to 18	602	53	323	279	1	0	8	1	1	2	0	0.0
19 to 24	136	12	55	81	6	2	6	4	0	0	1	0.7
25 to 49	219	19	72	147	23	8	12	5	1	1	0	0.0
50 to 64	85	7	34	51	10	0	13	15	4	3	2	2.4
>65	8	1	3	5	0	0	3	38	1	0	0	0.0
Total	1141	~	540 (47%)	601 (53%)	40	10	47	4	7	6	3	0.3

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

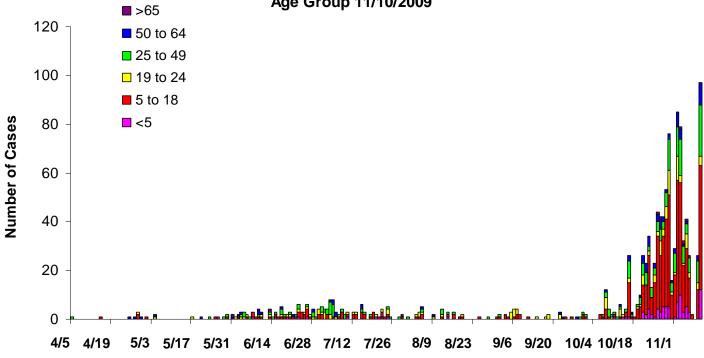
	Maine	Out of		
County	Residents	State	Total	
Androscoggin	129	9	138	
Aroostook	5	0	5	
Cumberland	306	69	375	
Franklin	9	0	9	
Hancock	27	4	31	
Kennebec	93	39	132	
Knox	8	8	16	
Lincoln	71	5	76	
Oxford	39	9	48	
Penobscot	194	5	199	
Piscataquis	5	1	6	
Sagadahoc	24	0	24	
Somerset	20	2	22	
Waldo	8	1	9	
Washington	19	1	20	
York	184	21	205	
Total	1141	174	1315	

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
- 419 new confirmed and probable cases of H1N1
  - o 414 in Maine residents
  - o 5 in out of state residents tested in Maine
- 19 new hospitalizations reported: 4 from Androscoggin, 2 from Cumberland, 2 from Kennebec, 1 from Oxford, 7 from Penobscot, 1 from Washington and 2 from York with ages ranging from less than 1 to greater than 70
- 65 new outbreaks reported, all in school settings
- 2 new deaths reported this week, one in a 19-24 year old and one in a 50-64 year old

# Confirmed Cases of H1N1 Influenza in Maine Residents, by Onset Date\* and Age Group 11/10/2009

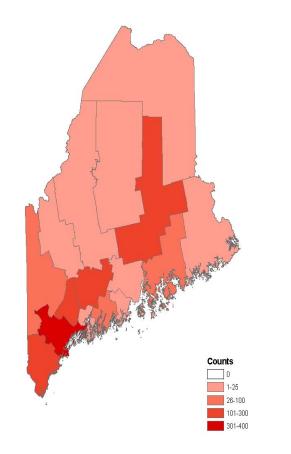


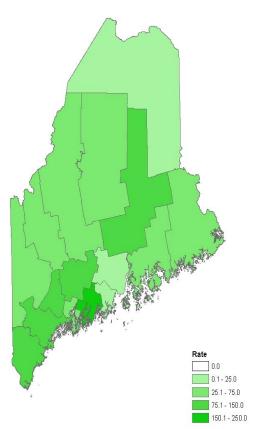
\*if onset date is not available, the date reported to the state is used as the onset date

Lab Confirmed H1N1, by County

- Maine Residents and Out of
State Visitors, 2009

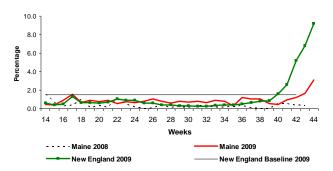
Rate of Lab Confirmed H1N1 Infection per 100,000 People, by County - Maine Residents, 2009



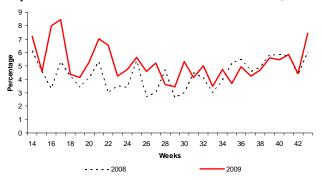


## **Surveillance Information**

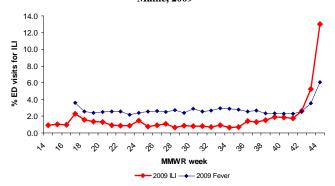
Outpatient Visits for Influenza-like Illness - Maine, 2008-09



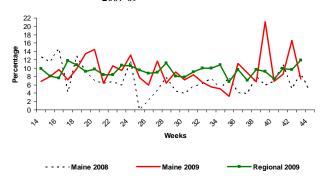
Hospital Admissions Due to Pneumonia or Influenza - Maine, 2007-09



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



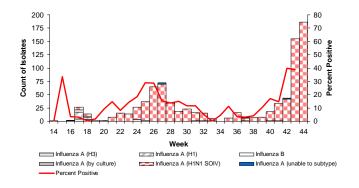
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2007-09



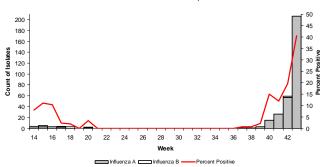
## Lab Data

- 6,257 influenza tests have been performed since April 27, 2009
  - o 13.6% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL - Maine, 2009

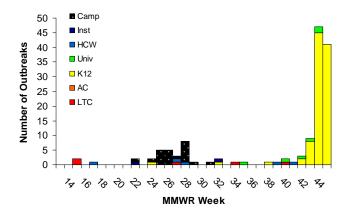


Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009



## Influenza-Like Illness Outbreaks - Maine, 2009

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



## **Outbreak Facility Type Key:**

Camp - Summer Camps

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, April - October, 2009

County	LTC	AC	K12	Univ	HCW	Inst
Androscoggin	0	0	14	1	0	0
Aroostook	0	0	2	0	0	0
Cumberland	1	0	7	1	1	1
Franklin	1	0	0	1	0	0
Hancock	0	0	3	0	0	0
Kennebec	0	0	16	0	1	0
Knox	0	0	0	0	0	0
Lincoln	1	0	4	0	0	1
Oxford	0	0	5	1	0	0
Penobscot	0	0	25	0	0	0
Piscataquis	0	0	1	0	0	0
Sagadahoc	0	0	1	0	0	0
Somerset	0	0	4	1	1	0
Waldo	0	0	4	0	0	1
Washington	1	0	2	0	0	0
York	1	0	11	1	0	0
Total	5	0	99	6	3	3