

Maine Weekly Influenza Surveillance Report

December 22, 2009



Cumulative data since April 27, 2009

- 2,201 lab tested cases of H1N1 to date
 - 215 Maine residents have been hospitalized
- 17 deaths reported to date
- 89% of lab confirmed H1N1 cases in Maine residents are under the age of 50 (range 0-89 years, mean of 22 years)

New* This Week

- Federal Flu Code: Widespread
- 35 new confirmed and probable cases of H1N1 this week
 - 9 new hospitalizations
- 3 new outbreaks reported, 1 in a long term care facility, and 2 in K-12 schools.

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

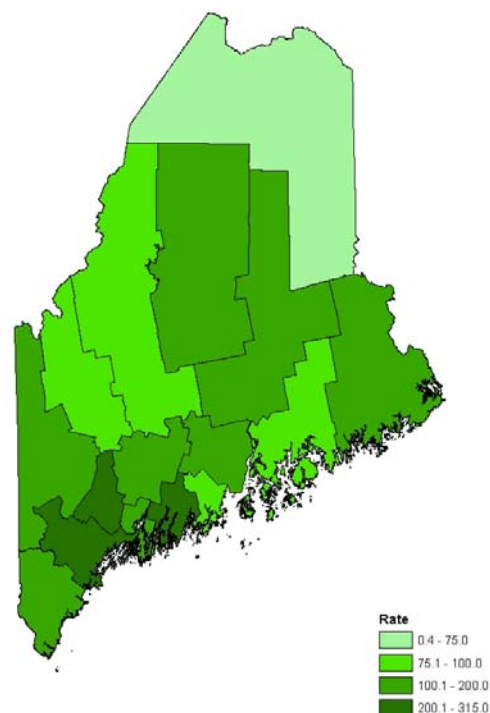
Characteristics of Lab Confirmed H1N1 Influenza Cases - Maine Residents, 2009

Age		At Risk					Hospital Care				Deaths	
Age Group	#	New	HCW	New	Pregnant	New	Hospitalized	New	ICU	New	#	New
<5	245	4	0	0	0	0	27	2	4	0	0	0
5 to 18	1005	4	1	0	0	0	27	1	5	0	0	0
19 to 24	218	7	11	0	8	2	14	1	1	0	1	0
25 to 49	473	9	36	1	22	1	58	2	13	0	2	0
50 to 64	200	3	13	1	0	0	59	1	21	0	6	0
≥65	60	8	0	0	0	0	30	2	10	0	8	2
Total	2201	35	61	2	30	3	215	9	54	0	17	2

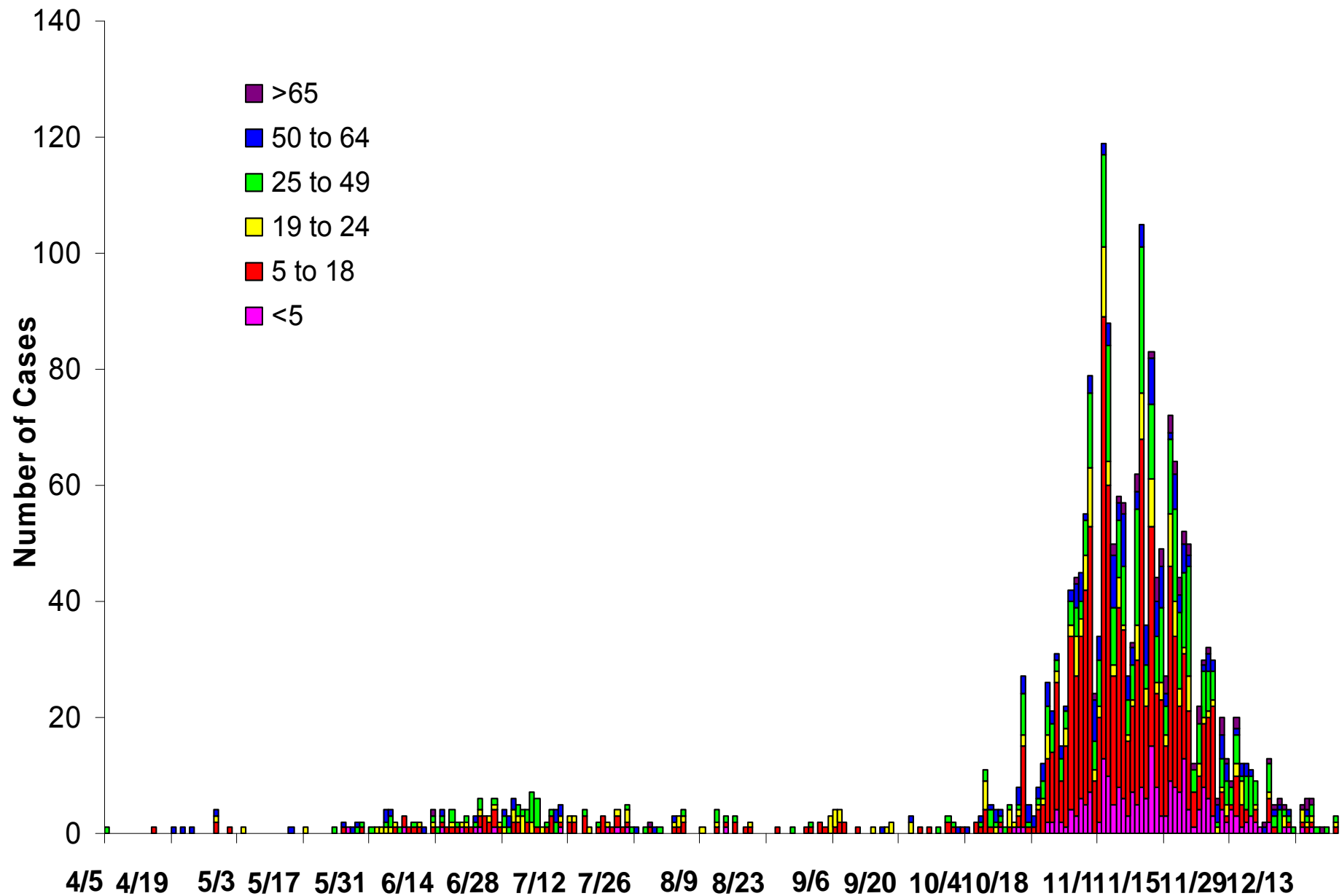
Lab confirmed H1N1 Influenza Cases by County – Maine Residents, 2009

County	Maine Residents	New	Hosp	New
Androscoggin	232	3	30	0
Aroostook	52	2	4	0
Cumberland	642	3	35	1
Franklin	28	2	8	2
Hancock	46	1	6	0
Kennebec	153	4	17	1
Knox	40	2	6	0
Lincoln	104	0	1	0
Oxford	65	7	8	1
Penobscot	292	3	46	1
Piscataquis	20	0	7	0
Sagadahoc	40	0	0	0
Somerset	45	2	5	0
Waldo	43	0	2	0
Washington	59	2	6	1
York	340	4	34	2
Total	2201	35	215	9

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



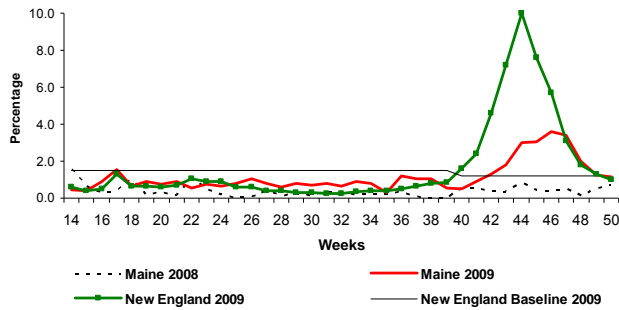
Confirmed Cases of H1N1 Influenza By Onset Date* and Age Group – Maine Residents, 2009



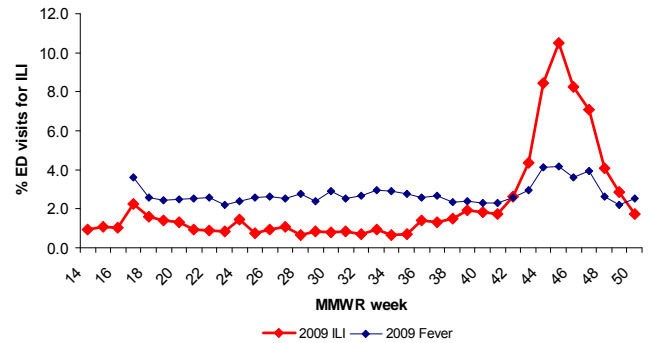
*if onset date is not available, the date reported to the state is used as the onset date

Surveillance Information

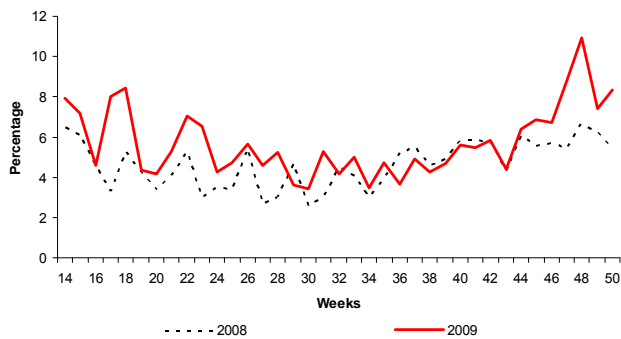
Outpatient Visits for Influenza-like Illness – Maine, 2008-09



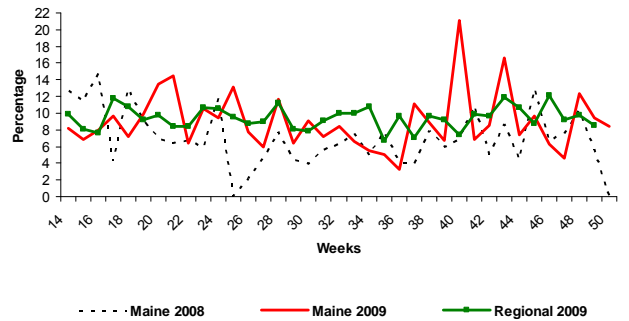
Emergency Department Visits for ILI and Fever at Twelve Hospitals – Maine, 2009



Hospital Admissions Due to Pneumonia or Influenza – Maine, 2008-09



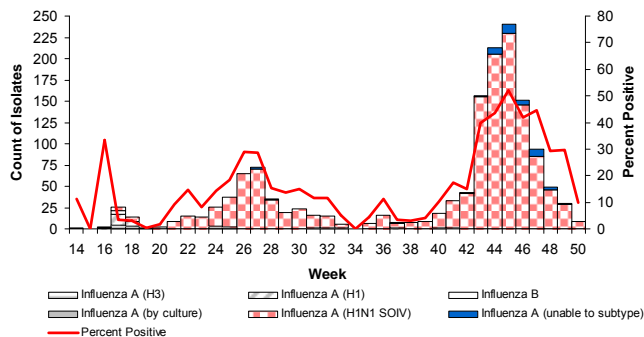
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2008-09



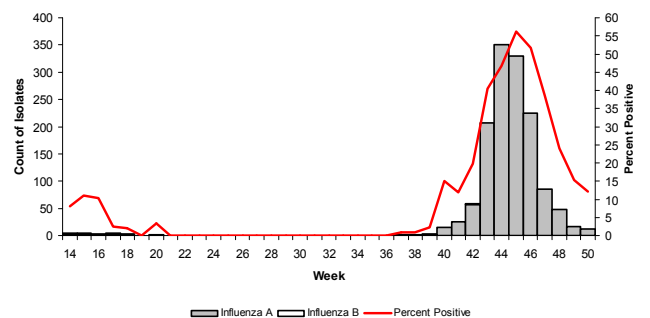
Lab Data

- 7,587 influenza tests have been performed at HETL since April 27, 2009
 - 18.4% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL – Maine, 2009

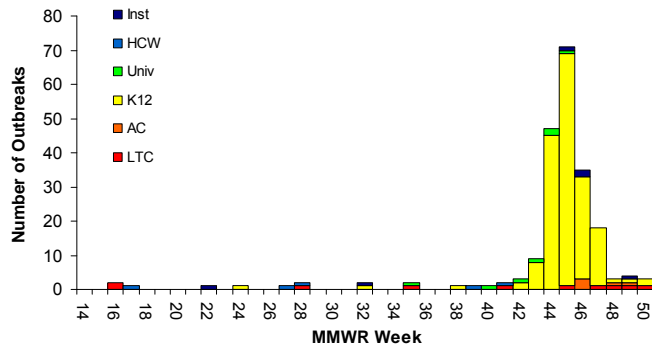


Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009



Influenza-Like Illness Outbreaks – Maine, 2009

Influenza-Like Illness Outbreaks by Facility Type - Maine, April – present, 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)

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

County	LTC	New	AC	New	K12	New	Univ	New	HCW	New	Inst	New
Androscoggin	0	0	2	0	18	0	1	0	0	0	0	0
Aroostook	0	0	1	0	12	0	0	0	0	0	0	0
Cumberland	1	0	2	0	15	0	1	0	1	0	2	0
Franklin	1	0	0	0	0	0	1	0	0	0	0	0
Hancock	0	0	0	0	9	0	0	0	0	0	0	0
Kennebec	1	0	0	0	24	0	0	0	1	0	0	0
Knox	0	0	0	0	4	0	0	0	0	0	0	0
Lincoln	1	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	1	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	0	0	0	0	8	1	1	0	1	0	0	0
Waldo	0	0	0	0	9	0	0	0	0	0	1	0
Washington	1	0	0	0	8	0	1	0	0	0	0	0
York	3	1	0	0	14	0	1	0	0	0	1	0
Total	10	1	5	0	178	2	7	0	3	0	8	0