

Maine Weekly Influenza Surveillance Report

December 1, 2009



Cumulative data since April 27, 2009

- 2,007 lab tested cases of H1N1 to date
 - 160 Maine residents have been hospitalized
- 10 deaths reported to date
- 90% of lab confirmed H1N1 cases in Maine residents are under the age of 50 (range 0-84 years, mean of 21 years)

New* This Week

- Federal Flu Code: Widespread
- 177 new confirmed and probable cases of H1N1 this week
 - 25 new hospitalizations
- 18 new outbreaks reported, 17 of which were in school settings

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

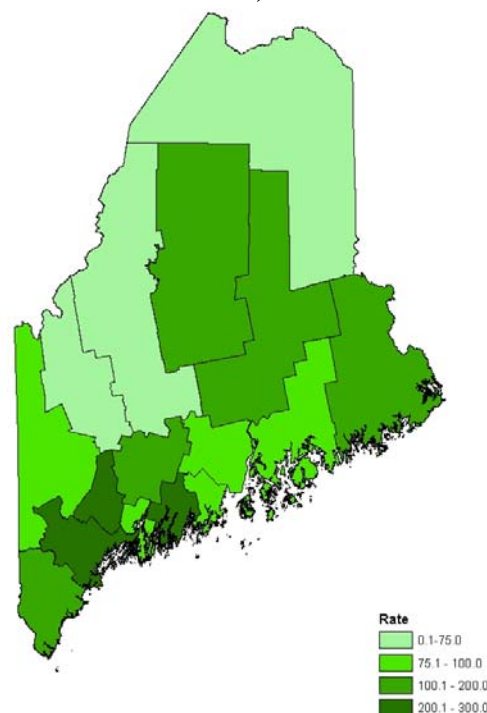
Characteristics of Lab Confirmed H1N1 Influenza Cases - Maine Residents, 2009

Age		At Risk					Hospital Care			Deaths		
Age Group	#	New	HCW	New	Pregnant	New	Hospitalized	New	ICU	New	#	New
<5	216	22	0	0	0	0	23	1	1	0	0	0
5 to 18	976	66	1	0	0	0	26	3	3	0	0	0
19 to 24	200	6	8	0	4	0	11	0	1	0	1	0
25 to 49	411	52	32	2	20	2	43	9	7	2	2	1
50 to 64	168	21	13	1	0	0	41	8	12	1	5	2
≥65	36	10	0	0	0	0	16	4	5	2	2	0
Total	2007	177	54	3	24	2	160	25	29	5	10	3

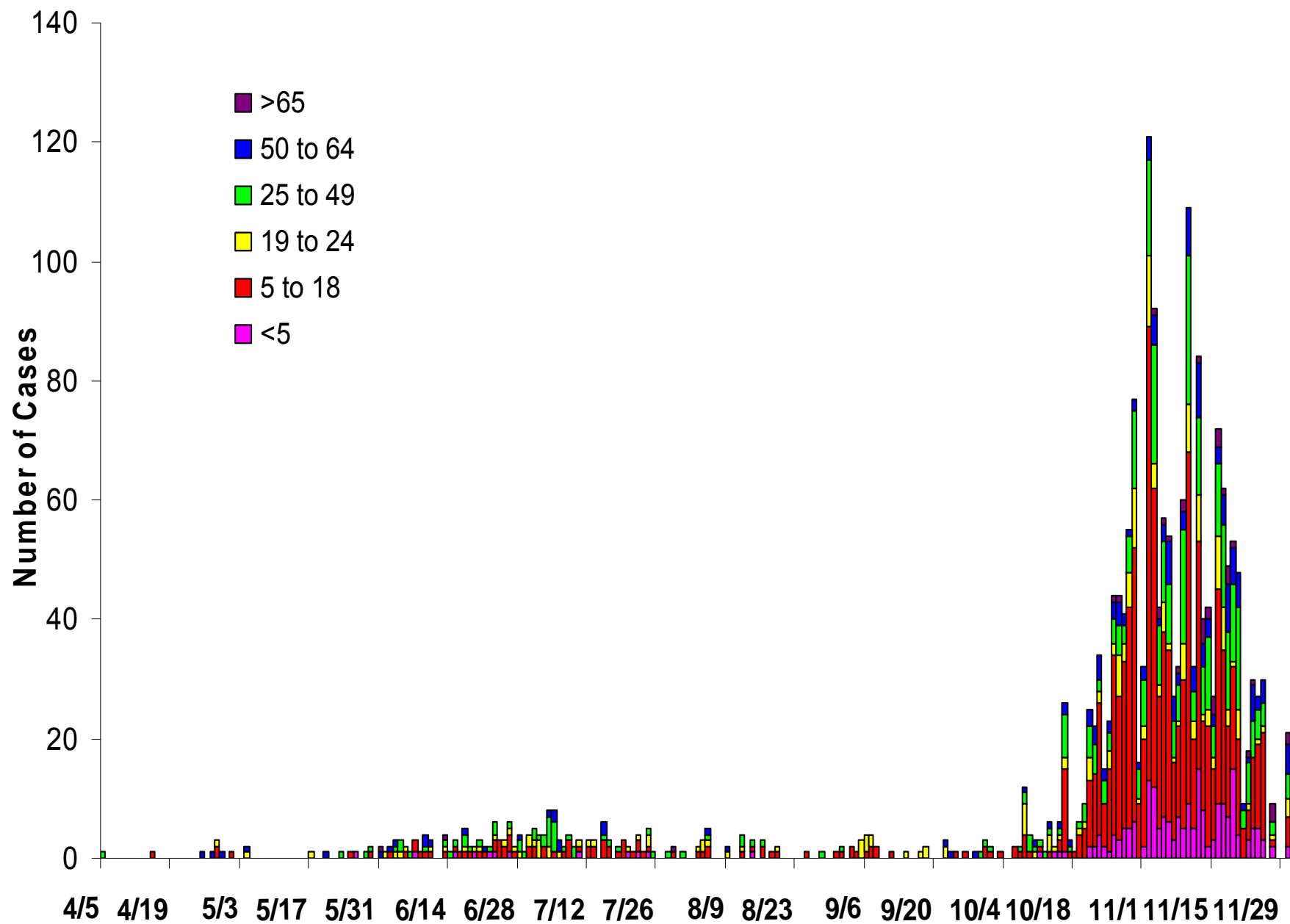
Lab confirmed H1N1 Influenza Cases by County – Maine Residents, 2009

County	Maine Residents	New	Hosp	New
Androscoggin	223	14	27	3
Aroostook	39	8	2	0
Cumberland	604	62	29	4
Franklin	17	5	2	2
Hancock	42	2	5	0
Kennebec	140	7	13	2
Knox	34	12	2	1
Lincoln	101	6	1	0
Oxford	50	1	4	1
Penobscot	272	5	40	2
Piscataquis	18	4	5	2
Sagadahoc	36	2	0	0
Somerset	35	4	1	0
Waldo	34	5	1	1
Washington	50	11	5	2
York	312	29	23	5
Total	2007	177	160	25

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



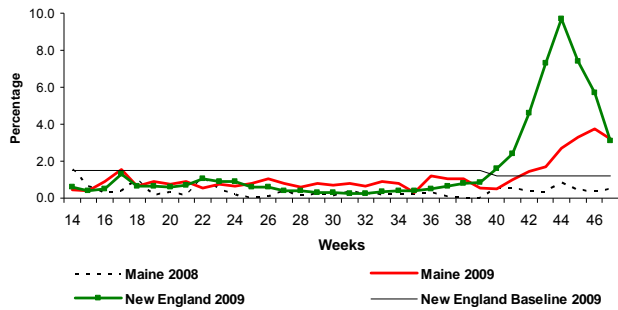
Confirmed Cases of H1N1 Influenza By Onset Date* and Age Group – Maine Residents, 2009



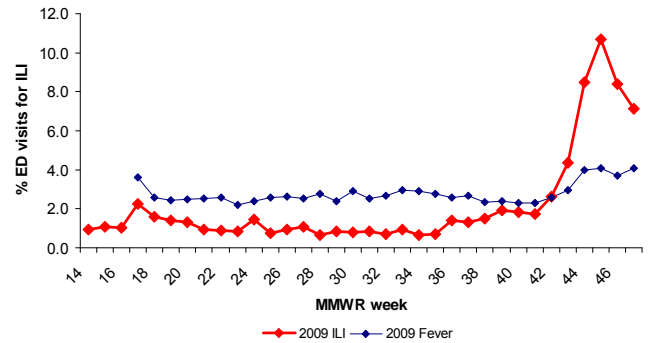
*if onset date is not available, the date reported to the state is used as the onset date

Surveillance Information

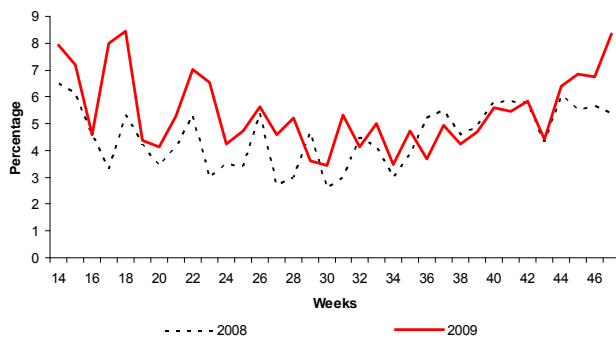
Outpatient Visits for Influenza-like Illness – Maine, 2008-09



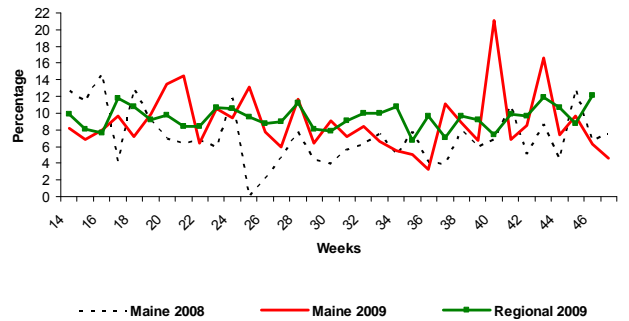
Emergency Department Visits for ILI and Fever at Twelve Hospitals – Maine, 2009



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



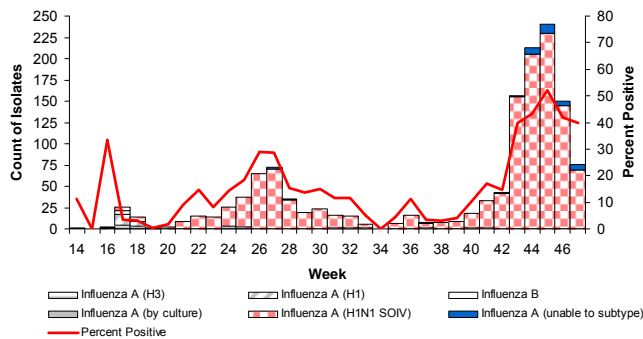
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2008-09



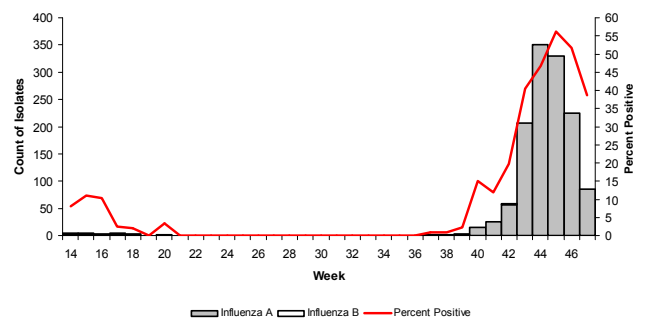
Lab Data

- 7,218 influenza tests have been performed at HETL since April 27, 2009
 - 17.9% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL – Maine, 2009

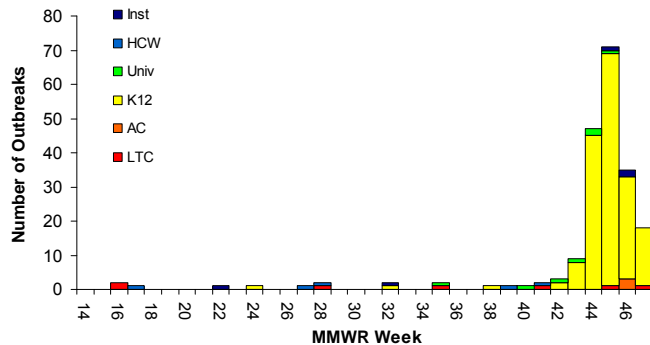


Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009



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	1	0	18	1	1	0	0	0	0	0
Aroostook	0	0	0	0	12	3	0	0	0	0	0	0
Cumberland	1	0	2	0	14	2	1	0	1	0	1	0
Franklin	1	0	0	0	0	0	1	0	0	0	0	0
Hancock	0	0	0	0	8	0	0	0	0	0	0	0
Kennebec	1	0	0	0	24	1	0	0	1	0	0	0
Knox	0	0	0	0	4	3	0	0	0	0	0	0
Lincoln	1	0	0	0	6	0	0	0	0	0	1	0
Oxford	1	1	0	0	9	2	1	0	0	0	0	0
Penobscot	0	0	0	0	33	0	0	0	0	0	2	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	7	1	1	0	1	0	0	0
Waldo	0	0	0	0	9	1	0	0	0	0	1	0
Washington	1	0	0	0	7	3	1	0	0	0	0	0
York	1	0	0	0	14	0	1	0	0	0	1	0
Total	7	1	3	0	173	17	7	0	3	0	6	0