

# Maine Weekly Influenza Surveillance Report

December 15, 2009



## Cumulative data since April 27, 2009

- 2,178 lab tested cases of H1N1 to date
  - 203 Maine residents have been hospitalized
- 14 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
- 41 new confirmed and probable cases of H1N1 this week
  - 11 new hospitalizations
- 5 new outbreaks reported, 1 in a long term care facility, 1 in an acute care facility, 1 in a K-12 school, and 2 in other institutions

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

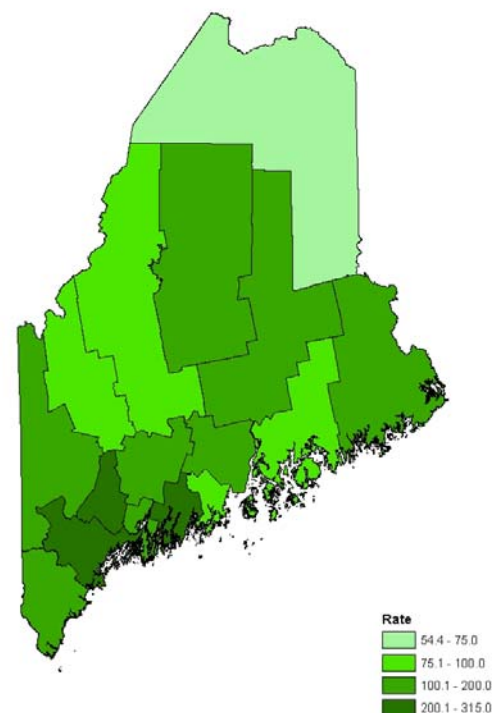
## Characteristics of Lab Confirmed H1N1 Influenza Cases - Maine Residents, 2009

Age		At Risk					Hospital Care			Deaths		
Age Group	#	New	HCW	New	Pregnant	New	Hospitalized	New	ICU	New	#	New
<5	242	4	0	0	0	0	25	0	3	0	0	0
5 to 18	1005	5	1	0	0	0	28	0	4	0	0	0
19 to 24	215	1	10	0	6	0	13	0	1	0	1	0
25 to 49	466	19	35	1	21	0	55	7	8	0	2	0
50 to 64	197	7	13	0	0	0	55	2	17	0	6	0
≥65	53	5	0	0	0	0	27	2	9	1	5	1
<b>Total</b>	<b>2178</b>	<b>41</b>	<b>59</b>	<b>1</b>	<b>27</b>	<b>0</b>	<b>203</b>	<b>11</b>	<b>42</b>	<b>1</b>	<b>14</b>	<b>1</b>

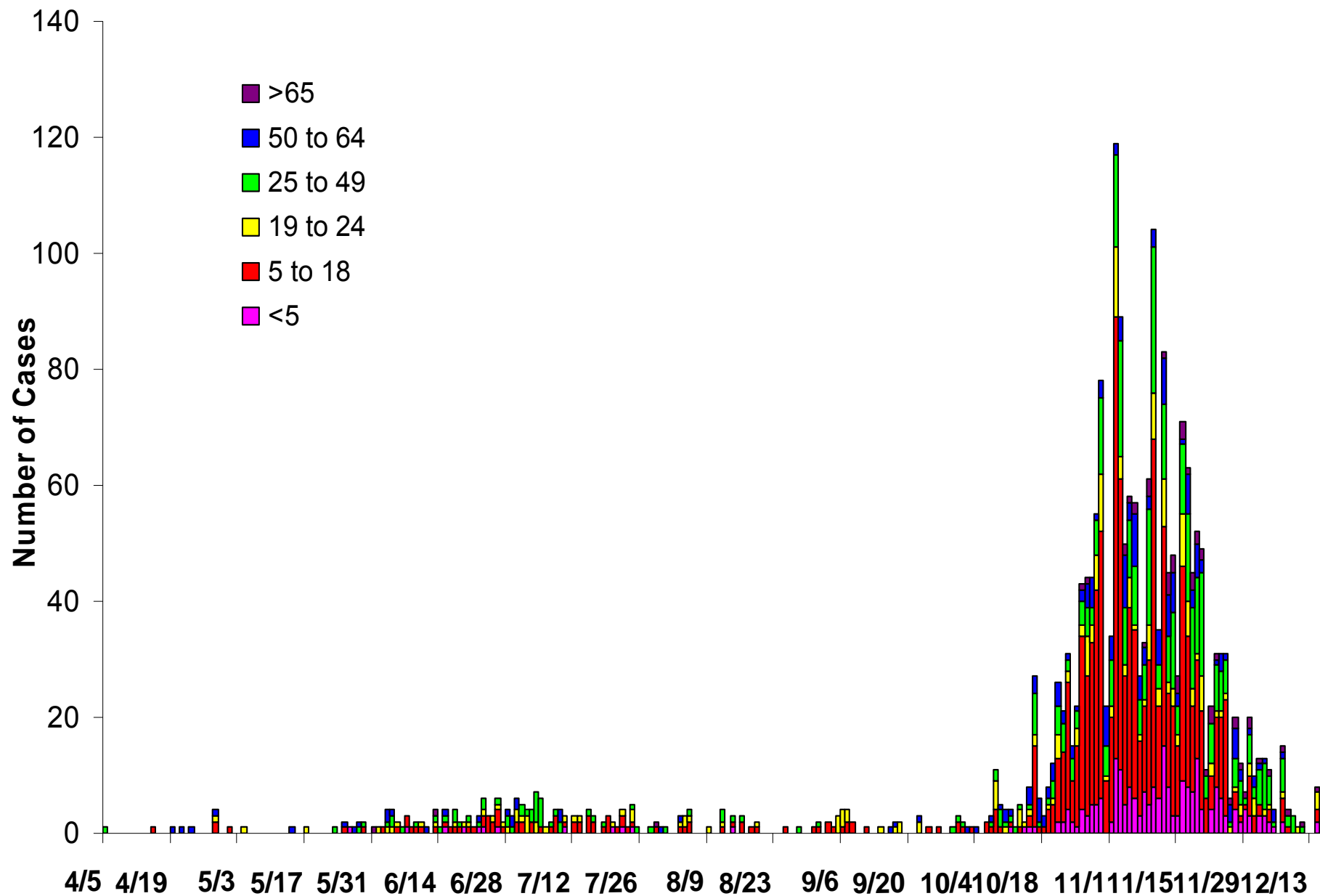
## Lab confirmed H1N1 Influenza Cases by County – Maine Residents, 2009

County	Maine Residents	New	Hosp	New
Androscoggin	233	2	31	0
Aroostook	50	1	3	0
Cumberland	641	10	32	0
Franklin	28	2	8	2
Hancock	46	1	6	1
Kennebec	149	1	15	0
Knox	40	2	6	1
Lincoln	105	1	1	0
Oxford	58	3	6	0
Penobscot	288	4	45	2
Piscataquis	20	0	7	0
Sagadahoc	40	1	0	0
Somerset	43	2	5	2
Waldo	43	3	2	0
Washington	58	2	5	0
York	336	6	31	3
<b>Total</b>	<b>2178</b>	<b>41</b>	<b>203</b>	<b>11</b>

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



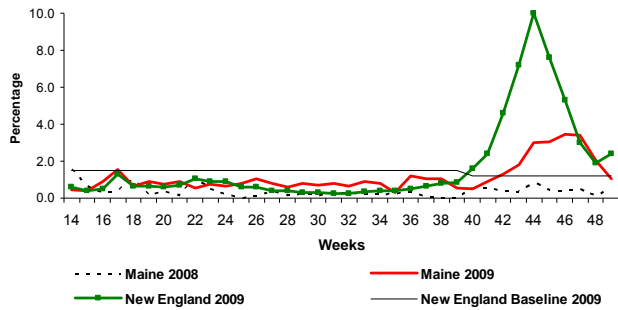
# Confirmed Cases of H1N1 Influenza By Onset Date\* and Age Group – Maine Residents, 2009



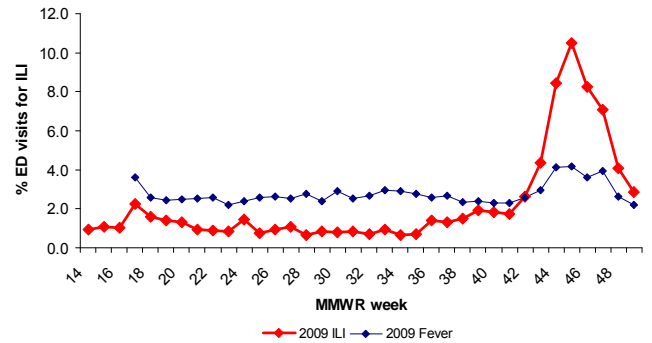
\*if onset date is not available, the date reported to the state is used as the onset date

# Surveillance Information

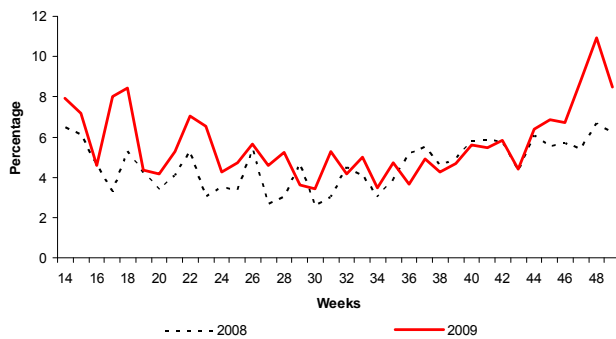
Outpatient Visits for Influenza-like Illness – Maine, 2008-09



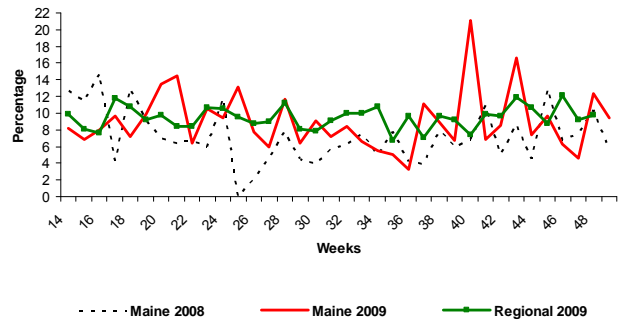
Emergency Department Visits for ILI and Fever at Twelve Hospitals – Maine, 2009



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



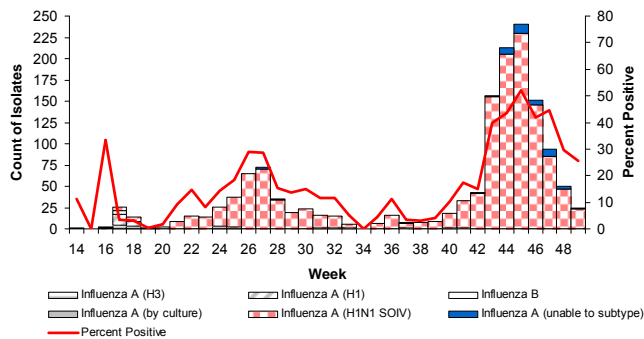
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2008-09



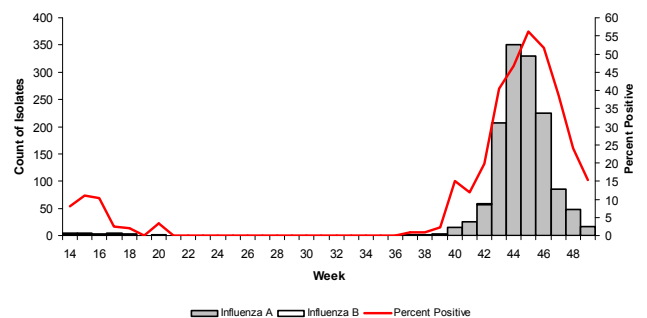
## Lab Data

- 7,404 influenza tests have been performed at HETL since April 27, 2009
  - 18.6% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL – Maine, 2009

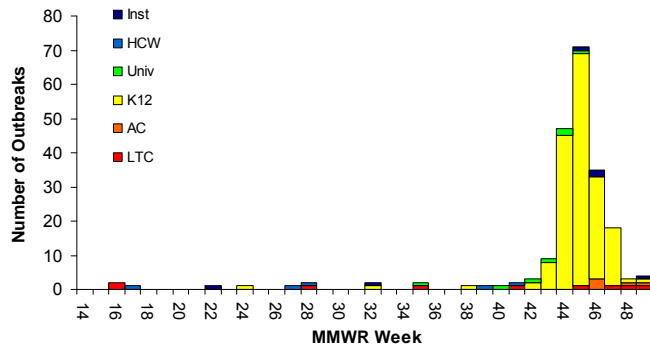


Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009



# Influenza-Like Illness Outbreaks – Maine, 2009

Influenza-Like Illness Outbreaks by Facility Type - 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	1	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	1	1	0	1	0	2	1
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	1	0	0	9	0	1	0	0	0	0	0
Penobscot	0	0	0	0	33	0	0	0	0	0	3	1
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	0	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	2	0	0	0	14	0	1	0	0	0	1	0
<b>Total</b>	<b>9</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>176</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>2</b>