

# Maine Weekly Influenza Surveillance Report

November 4, 2009



## Cumulative data since April 27, 2009

- 896 confirmed and probable cases of H1N1 total to date
  - 727 in Maine residents
    - 28 Maine residents have been hospitalized
  - 169 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 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	58	8	31	27	0	0	3	5	0	0	0	0
5 to 18	368	50	195	173	1	0	5	1	1	1	0	0
19 to 24	103	14	41	62	5	1	3	3	0	0	0	0
25 to 49	139	19	50	89	18	2	7	5	1	1	0	0
50 to 64	57	8	25	32	8	0	8	14	2	2	1	1.8
>65	4	1	2	2	0	0	2	50	1	0	0	0
<b>Total</b>	<b>729</b>	<b>~</b>	<b>344 (47%)</b>	<b>385(53%)</b>	<b>32</b>	<b>3</b>	<b>28</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>0.1</b>

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

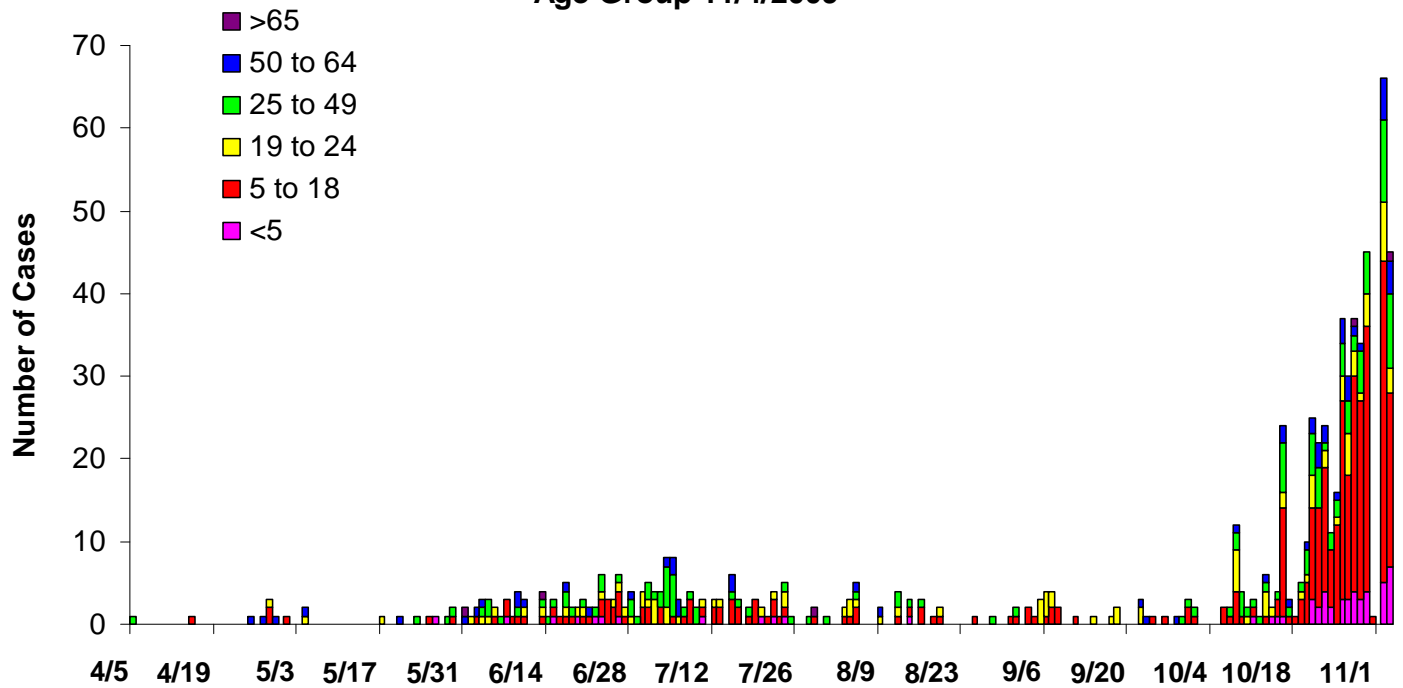
County	Maine Residents	Out of State	Total
Androscoggin	62	9	71
Aroostook	1	0	1
Cumberland	198	67	265
Franklin	6	0	6
Hancock	19	4	23
Kennebec	62	39	101
Knox	5	8	13
Lincoln	58	4	62
Oxford	29	9	38
Penobscot	136	4	140
Piscataquis	0	1	1
Sagadahoc	21	0	21
Somerset	9	2	11
Waldo	3	1	4
Washington	6	1	7
York	112	20	132
<b>Total</b>	<b>727</b>	<b>169</b>	<b>896</b>

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

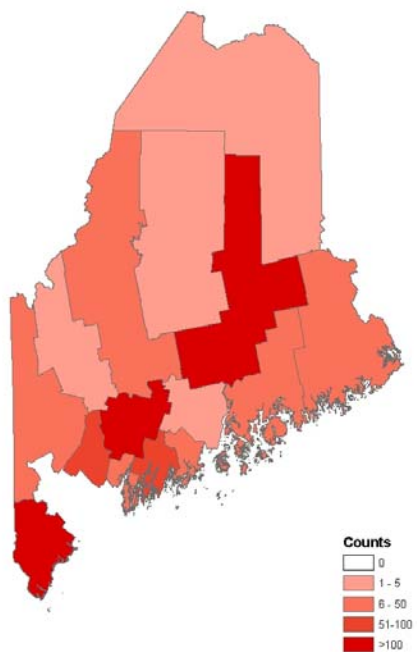
- Federal Flu Code: Widespread
- 293 new confirmed and probable cases of H1N1
  - 291 in Maine residents
  - 2 in out of state residents tested in Maine
- 10 new hospitalizations reported: 6 from Androscoggin, 1 from Kennebec, 1 from Lincoln, 1 from Oxford, and 1 from Cumberland
- 25 new outbreaks reported, all in school settings. K-12 schools in 9 counties and one University in Franklin county
- The first cases of H1N1 in Franklin county was reported

# Confirmed Cases of H1N1 Influenza in Maine Residents, by Onset Date\* and Age Group 11/4/2009

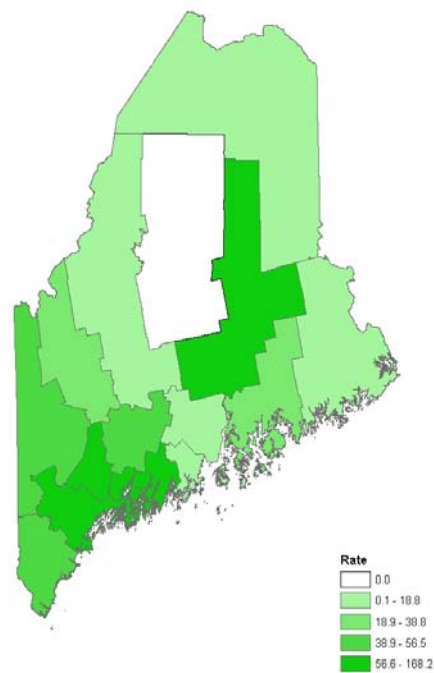


\*if onset date is not available, the date reported to the state is used as the onset date

## Lab Confirmed H1N1, by County – Maine Residents and Out of State Visitors, 2009

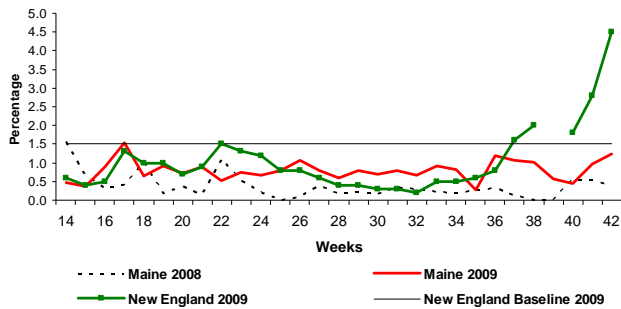


## Rate of Lab Confirmed H1N1 Infection per 100,000 People, by County - Maine Residents, 2009

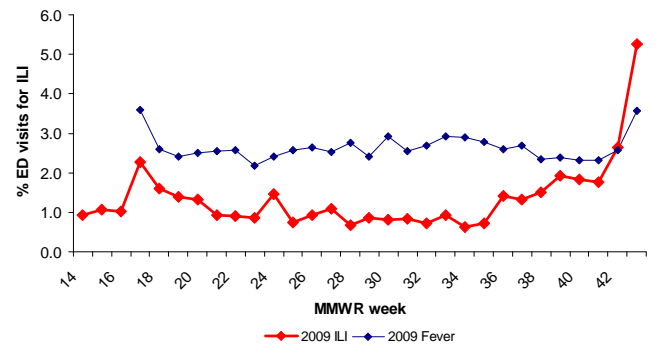


# Surveillance Information

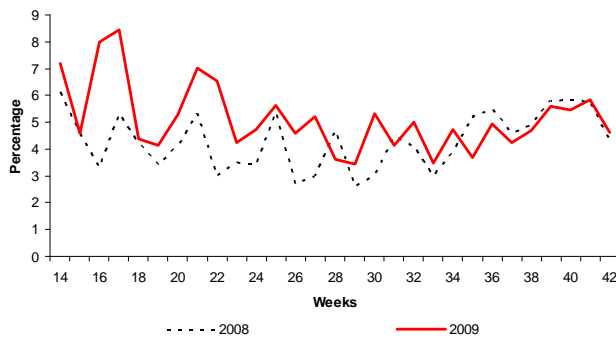
Outpatient Visits for Influenza-like Illness – Maine, 2008-09



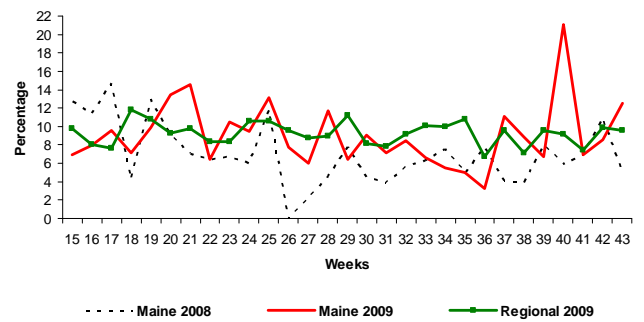
Emergency Department Visits for ILI at Eight Hospitals – Maine, 2009



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



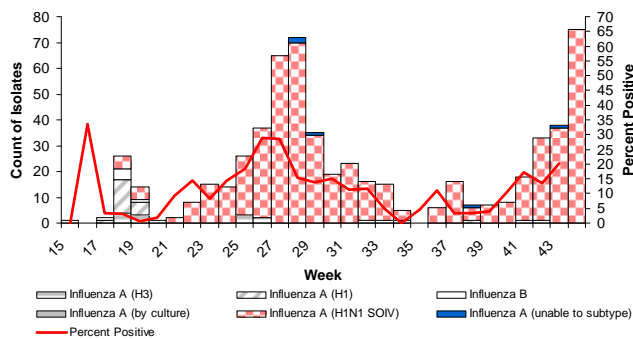
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2007-09



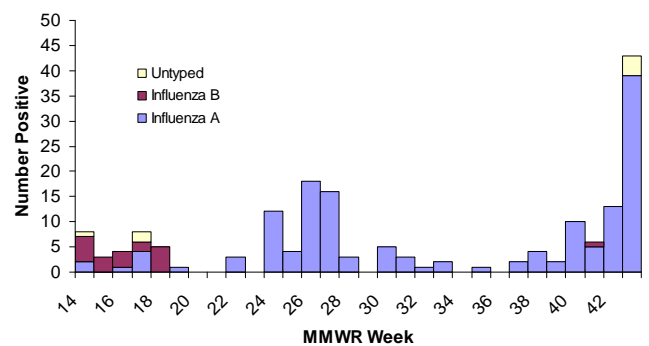
## Lab Data

- 5,563 influenza tests have been performed since April 27, 2009
  - 10.6% of tests have been positive for H1N1

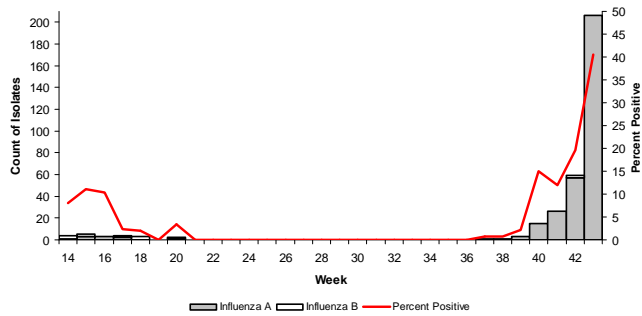
Respiratory Specimens Positive for Influenza from HETL – Maine, 2009



Positive Rapid Influenza Tests- Maine, 2009

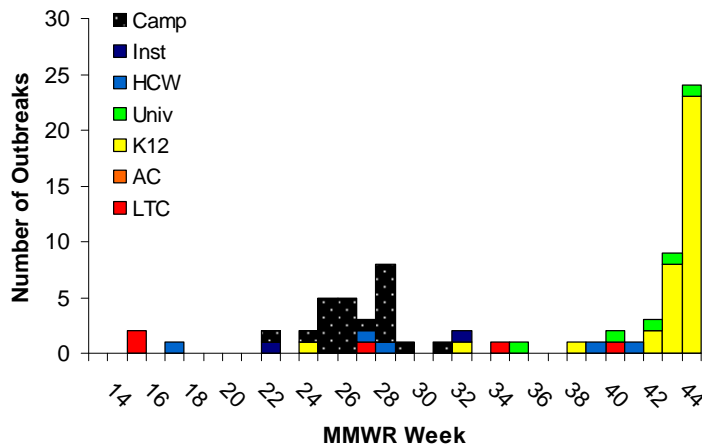


## Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009



## 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	4	1	0	0	2	7
Aroostook	0	0	1	0	0	0	0	1
Cumberland	1	0	2	1	1	1	9	15
Franklin	1	0	0	1	0	0	0	2
Hancock	0	0	0	0	0	0	0	0
Kennebec	0	0	9	0	1	0	6	16
Knox	0	0	0	0	0	0	2	2
Lincoln	1	0	4	0	0	1	1	7
Oxford	0	0	2	1	0	0	1	4
Penobscot	0	0	7	0	0	0	0	7
Piscataquis	0	0	0	0	0	0	0	0
Sagadahoc	0	0	0	0	0	0	0	0
Somerset	0	0	1	1	1	0	1	4
Waldo	0	0	1	0	0	1	0	2
Washington	1	0	2	0	0	0	0	3
York	1	0	2	0	0	0	1	4
<b>Total</b>	<b>5</b>	<b>0</b>	<b>35</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>23</b>	<b>74</b>

