

**New Jersey Department of Health and Senior Services**  
**Communicable Disease Service**  
**Influenza Brief**  
**Week Ending May 30, 2009 (MMWR Week 21)**

**Influenza activity level:** **WIDESPREAD**

New Jersey	% ILI week 21 (range county level)	% ILI week 21, last year	State Baseline*	% ILI previous week 20 same year
<b>Long Term Care Facilities</b>	0.44% (0.00-1.34%)	0.56%	0.69%	0.42%
<b>Schools (absenteeism)</b>	6.06% (2.23-9.25%)	4.60%	5.17%	5.35%
<b>Emergency Departments</b>	1.48% (0.00-7.73%)	1.92%	2.60%	4.17%

**Influenza Activity Level Public Health Regions**

Region	Counties in Region	Activity Level
NW Region	Morris, Passaic, Sussex, Warren	<b>REGIONAL</b>
NE Region	Bergen, Essex, Hudson	<b>REGIONAL</b>
CW Region	Hunterdon, Mercer, Somerset	<b>REGIONAL</b>
CE Region	Middlesex, Monmouth, Ocean, Union	<b>REGIONAL</b>
South Region	Atlantic, Burlington, Camden, Cape May, Salem, Cumberland, Gloucester	<b>REGIONAL</b>

**Sentinel Provider Surveillance**

During week 21, 2.36% of sentinel provider patient visits were due to ILI. These data reflect reports from ten (22%) of the enrolled sentinel providers.

During week 20, 1.83% of sentinel provider patient visits were due to ILI. These data reflect reports from seventeen (39%) of the enrolled sentinel providers.

\* Baseline is calculated by taking the average of statewide percentages of ILI for a 3 year (2006, 2007, 2008) period during months when influenza is less likely to be circulating (May-August).

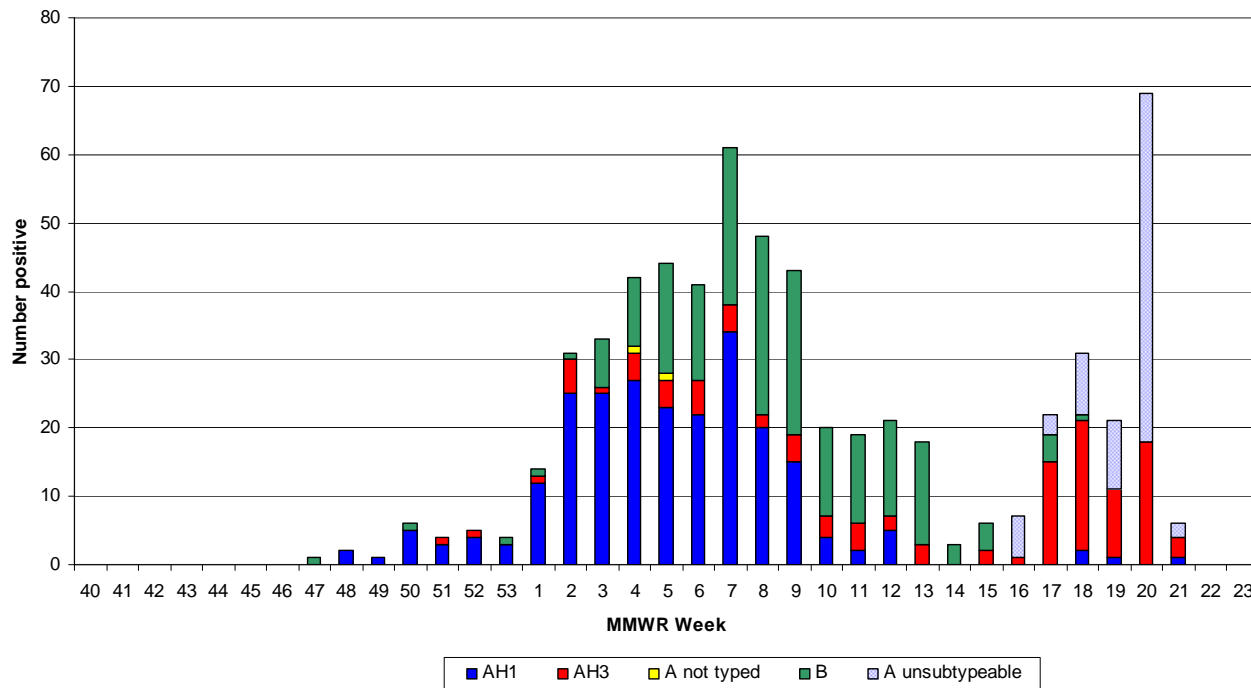
## Laboratory

As of week 20, 542 samples were found to be positive by viral culture or PCR for influenza AH1, AH3 and influenza B. Please see graph on next page for weekly distribution.

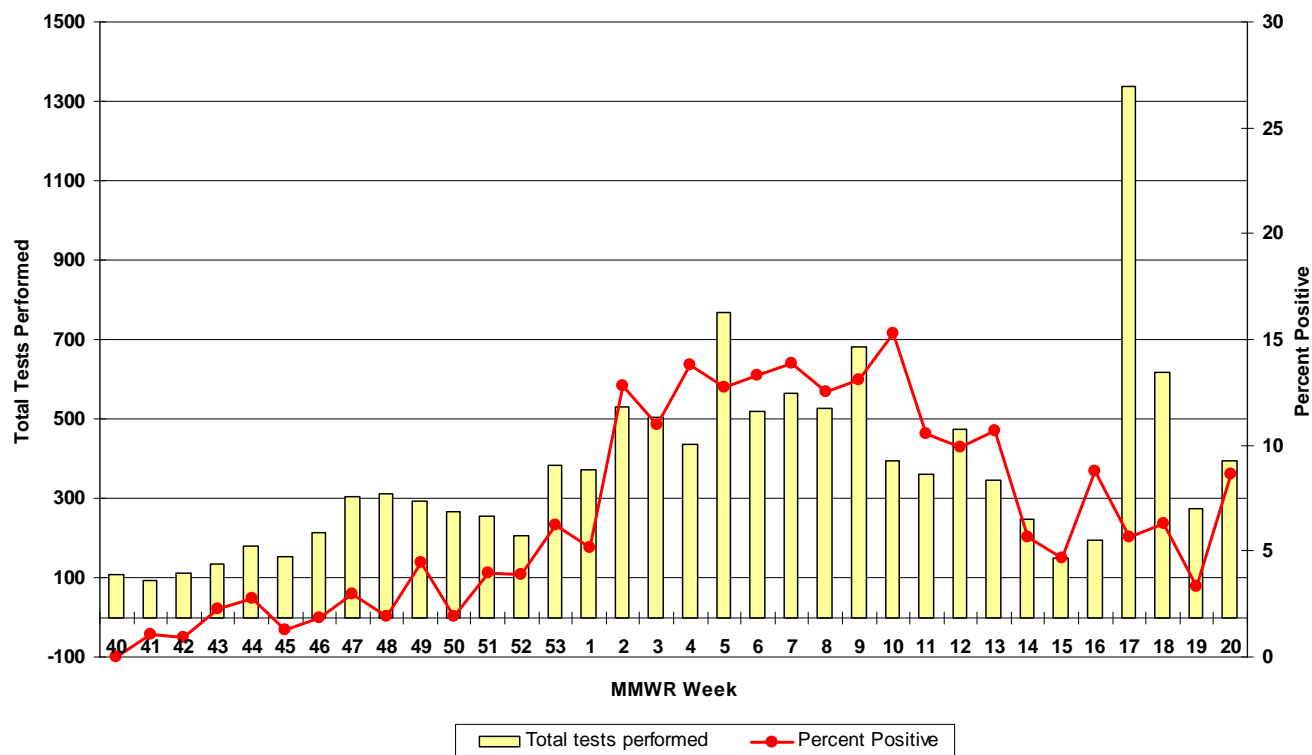
County	Week 40 to Week 20							Week 18, 19, 20						
	Rapid*			Culture*				Rapid*			Culture*			
	A	B	A/B	A H1	A H3	A UNK	B	A	B	A/B	A H1	A H3	A UNK	B
Atlantic County	40	17	0	9	1	0	2	4	0	0	0	0	0	0
Bergen County	26	13	0	11	12	2	7	2	0	0	0	5	0	0
Burlington County	69	23	0	2	0	0	1	3	0	0	1	0	0	0
Camden County	0	0	0	1	0	0	1	0	0	0	0	0	0	0
Cape May County	20	6	0	14	1	0	5	0	0	0	0	0	0	0
Cumberland County	0	0	0	7	1	0	6	0	0	0	0	0	0	0
Essex County	243	63	22	28	19	0	18	32	0	5	0	8	0	0
Gloucester County	0	0	0	5	0	0	13	0	0	0	0	0	0	0
Hudson County	33	12	0	25	18	0	29	1	1	0	0	12	0	0
Hunterdon County	10	0	65	22	8	0	13	3	0	4	0	3	0	0
Mercer County	3	0	0	14	3	0	8	0	0	0	0	1	0	0
Middlesex County	31	4	0	23	14	0	18	0	1	0	1	9	0	0
Monmouth County	58	23	67	13	4	0	8	0	0	0	0	0	0	0
Morris County	0	0	0	18	4	0	16	0	0	0	1	3	0	0
Ocean County	0	0	0	1	5	0	3	0	0	0	0	2	0	1
Passaic County	68	14	0	4	4	0	7	12	2	0	0	2	0	0
Salem County	0	1	0	0	0	0	1	0	1	0	0	0	0	0
Somerset County	0	0	14	15	5	0	12	0	0	0	0	0	0	0
Sussex County	42	21	0	1	0	0	2	3	0	0	0	0	0	0
Union County	22	5	0	19	9	0	21	7	0	0	0	1	0	0
Warren County	23	13	0	3	0	0	1	1	0	0	0	0	0	0
Unknown	0	0	0	1	4	0	0	0	0	0	1	4	0	0
State Total	688	215	168	236	112	2	192	68	5	9	4	50	0	1

\* Baseline is calculated by taking the average of statewide percentages of ILI for a 3 year (2006, 2007, 2008) period during months when influenza is less likely to be circulating (May-August).

**Influenza Laboratory Report**  
**Positive Specimens by Week**  
**2008-2009 Influenza Season**  
 \*Culture results to week 15, PCR results week 15 to present

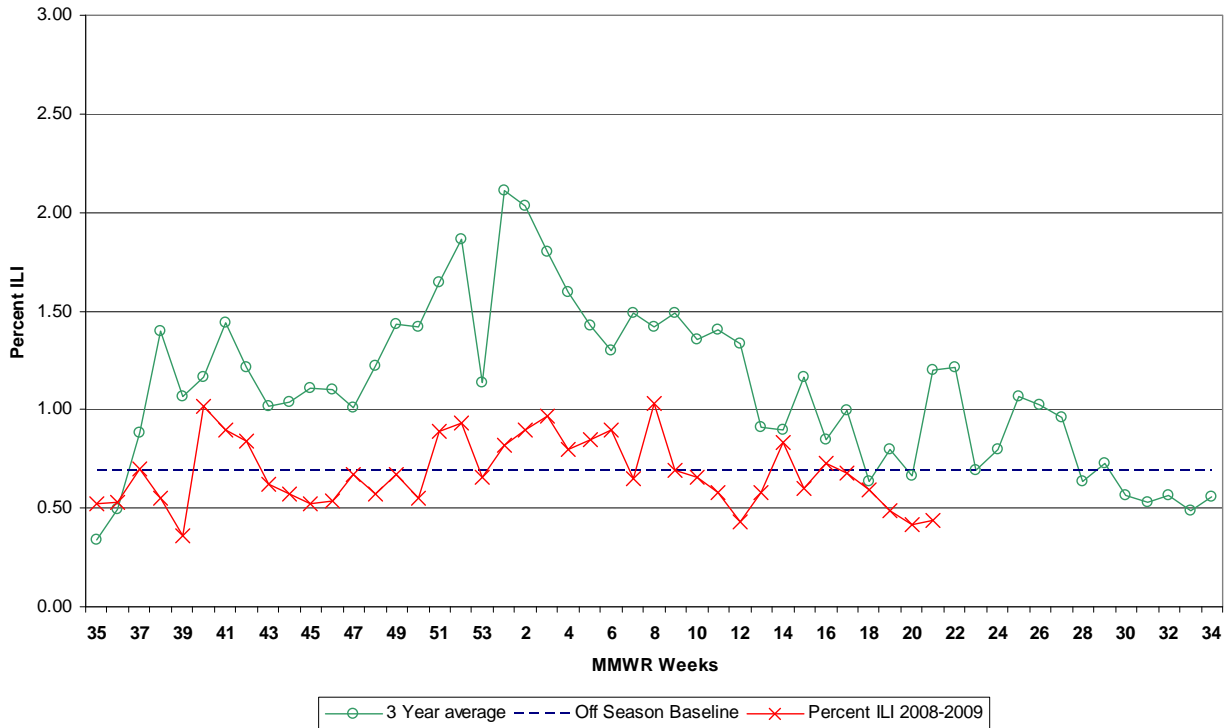


**Influenza Rapid Antigen Tests**  
**Total and Percent Positive**  
**2008-2009 Influenza Season**

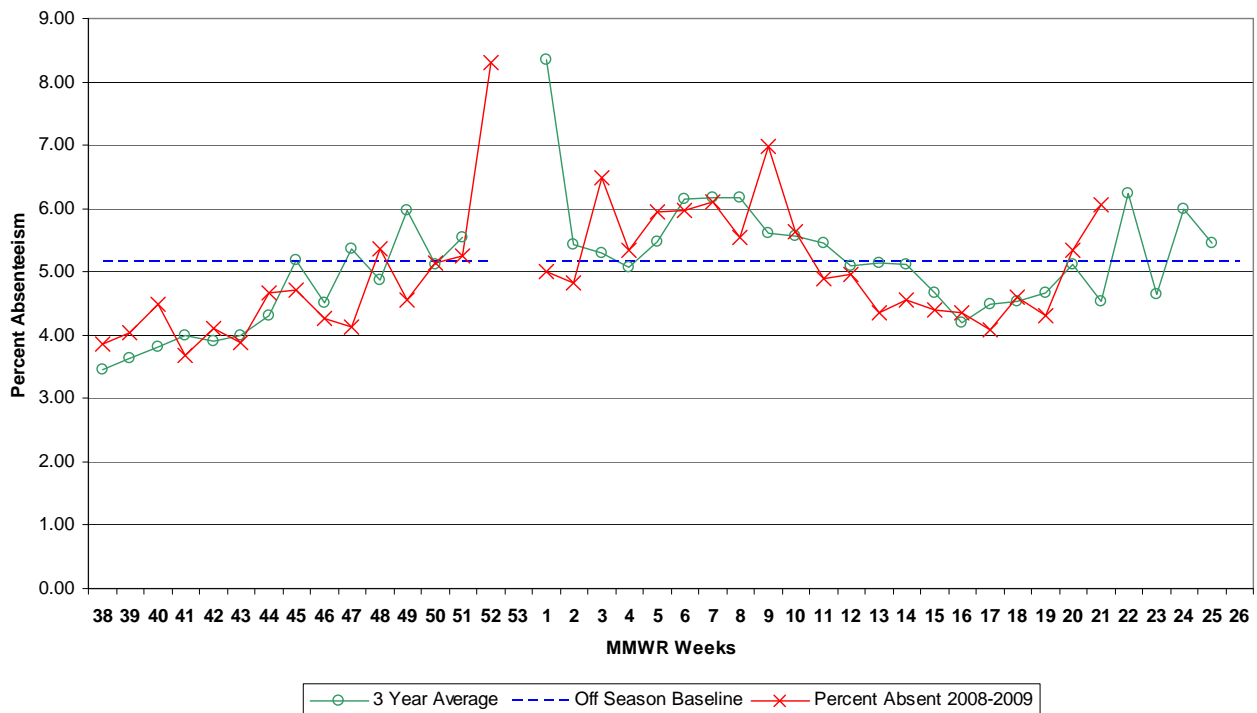


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**New Jersey Department of Health and Senior Services  
Influenza-like Activity - Long Term Care Facilities**

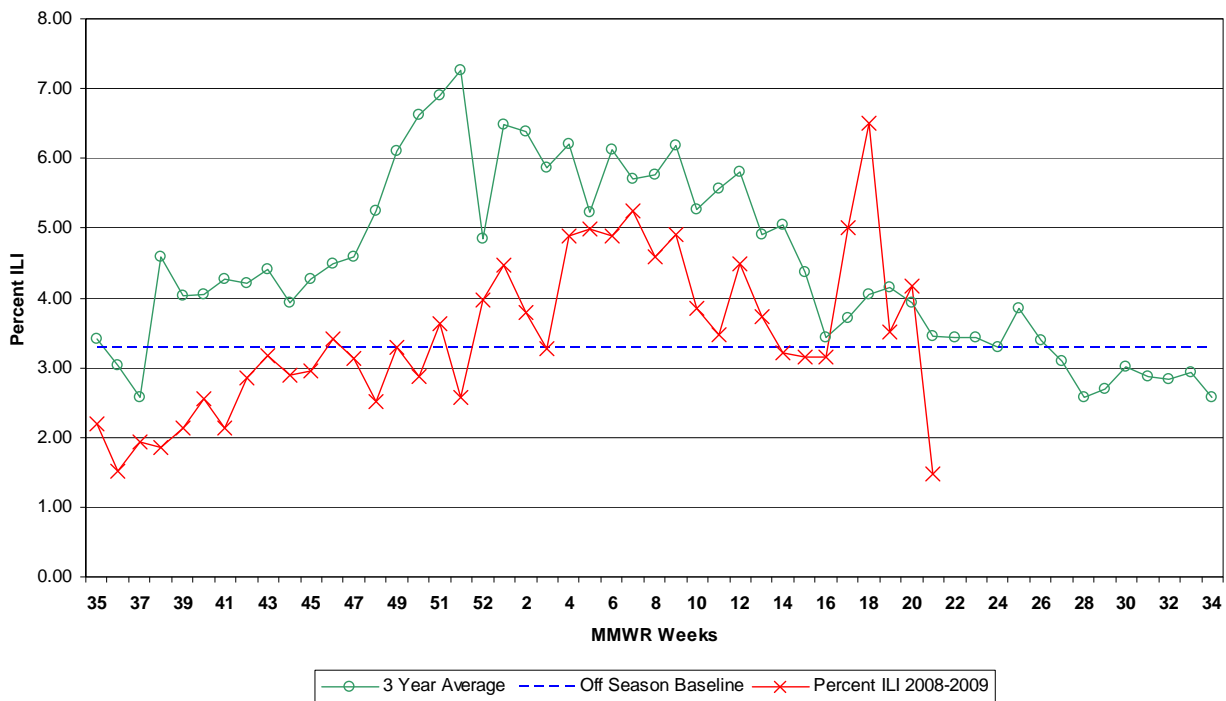


**New Jersey Department of Health and Senior Services  
Influenza-like Activity - School Absenteeism**

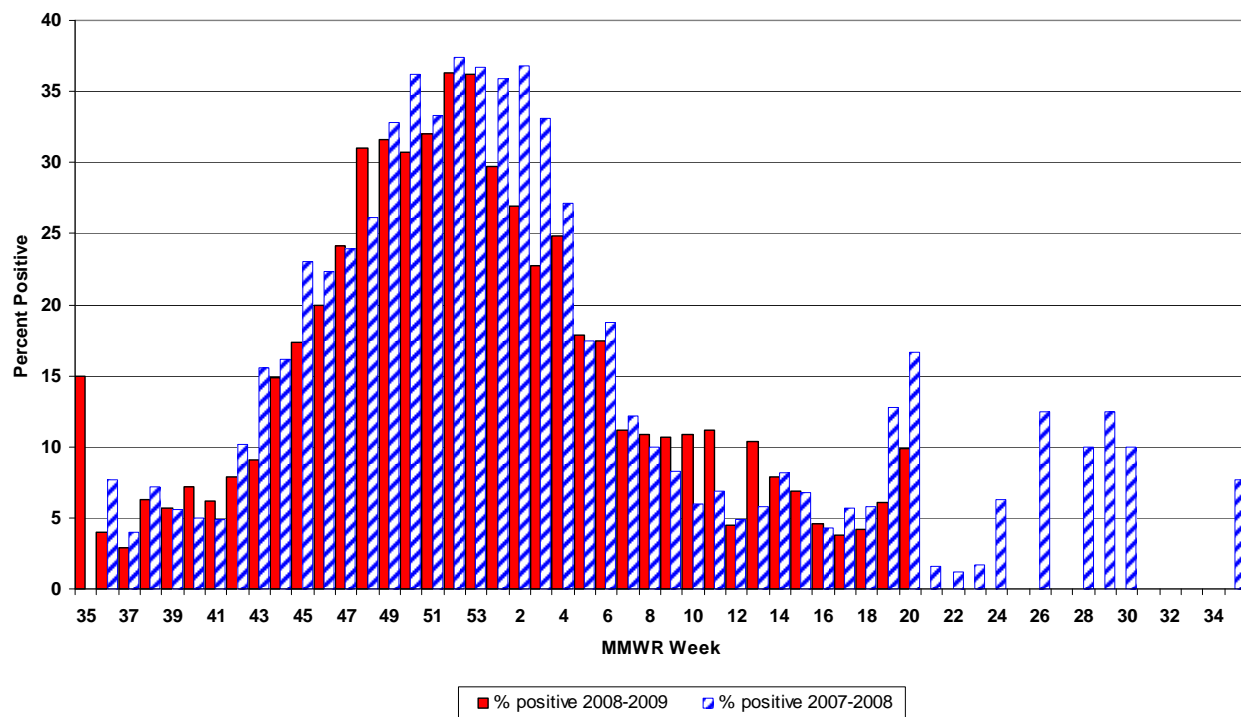


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**New Jersey Department of Health and Senior Services  
Influenza-like Activity - Emergency Departments**

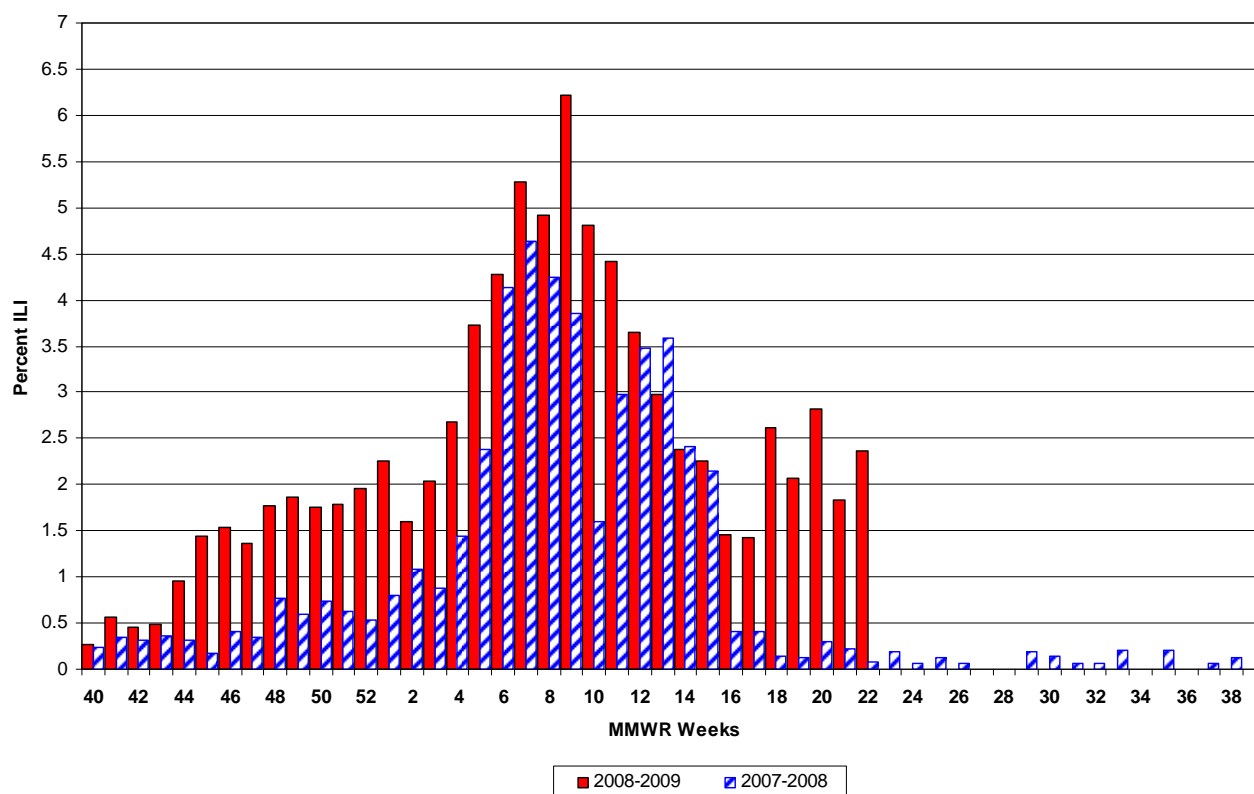


**New Jersey Department of Health and Senior Services  
Respiratory Syncytial Virus (RSV) Surveillance by Week, 2006-2008**



\* Baseline is calculated by taking the average of statewide percentages of ILI for a 3 year (2006, 2007, 2008) period during months when influenza is less likely to be circulating (May-August).

**New Jersey Department of Health and Senior Services  
Influenza-like Activity - Sentinel Providers**



### **Novel Influenza A H1N1**

As of 5/29/09 at noon, NJ has identified 75 confirmed and 6 probable who have been infected with the Novel Influenza AH1N1 virus.

\* Baseline is calculated by taking the average of statewide percentages of ILI for a 3 year (2006, 2007, 2008) period during months when influenza is less likely to be circulating (May-August).



	Long Term Care			Schools			Hospital Emergency Department		
County	# Enrolled	# Reports Rec'd	% ILI	# Enrolled	# Reports Rec'd	% Absent	# Enrolled	# Reports Rec'd	% ILI
<b>May, 26, 2009 12:00 AM MMRW WEEK 21</b>									
ATLANTIC	4	1	0.60	19	12	9.20	4	1	0.00
BERGEN	3	0	0.00	25	13	5.30	6	6	0.18
BURLINGTON	6	2	0.00	115	80	5.79	3	3	1.10
CAMDEN	7	0	0.00	17	0	0.00	7	6	0.14
CAPE MAY	6	3	0.00	11	9	5.05	1	1	2.92
CUMBERLAND	6	2	1.34	18	7	9.25	3	3	0.00
ESSEX	18	5	0.82	34	3	2.96	11	10	3.33
GLOUCESTER	5	2	0.00	4	2	3.60	2	2	0.73
HUDSON	10	0	0.00	92	62	7.85	6	3	3.91
HUNTERDON	4	4	0.45	8	6	3.86	1	1	0.94
MERCER	11	7	0.28	26	19	4.10	5	5	0.00
MIDDLESEX	2	0	0.00	89	13	5.26	5	4	0.15
MONMOUTH	14	0	0.00	24	0	0.00	5	5	0.79
MORRIS	2	0	0.00	13	12	2.23	4	3	2.14
OCEAN	6	1	0.00	20	7	6.93	4	3	0.35
PASSAIC	9	3	0.39	23	5	5.86	6	2	0.00
SALEM	4	1	0.00	5	0	0.00	1	1	0.00
SOMERSET	5	2	0.41	63	13	4.20	2	1	0.00
SUSSEX	5	5	0.36	22	18	6.24	2	2	0.00
UNION	4	1	0.00	130	31	5.28	5	5	7.73
UNKNOWN	0	0	0.00	1	0	0.00	0	0	0.00
WARREN	8	1	0.00	24	11	6.30	2	2	0.00
<b>NW Region</b>	24	9	0.36	82	46	5.18	14	9	0.79
<b>NE Region</b>	31	5	0.82	151	78	7.42	23	19	2.19
<b>CW Region</b>	20	13	0.36	97	38	4.10	8	7	0.10
<b>CE Region</b>	26	2	0.00	263	51	5.49	19	17	2.25
<b>South Region</b>	38	11	0.48	189	110	6.24	21	17	0.57
<b>State Total</b>	<b>139</b>	<b>40</b>	<b>0.44</b>	<b>782</b>	<b>323</b>	<b>6.06</b>	<b>85</b>	<b>69</b>	<b>1.48</b>