

New Jersey Department of Health and Senior Services
Communicable Disease Service
Influenza Brief
Week Ending July 04, 2009 (MMWR Week 26)

Influenza activity level: **WIDESPREAD**

New Jersey	% ILI week 26 (range county level)	% ILI week 26 last year	State Baseline*	% ILI previous week 25 same year
Long Term Care Facilities	0.72% (0.00-1.96%)	0.76%	0.69%	0.64%
Schools (absenteeism)	CLOSED	CLOSED	5.17%	19.88*
Emergency Departments	5.69% (0.00-13.58)	2.33%	2.60%	9.77%

*Reports received from 5 counties.

Influenza Activity Level Public Health Regions

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

Sentinel Provider Surveillance

During week 26, 3.78% of sentinel provider patient visits were due to ILI. These data reflect reports from nineteen (43%) of the enrolled sentinel providers.

During week 25, 6.06% of sentinel provider patient visits were due to ILI. These data reflect reports from twenty-four (55%) 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).

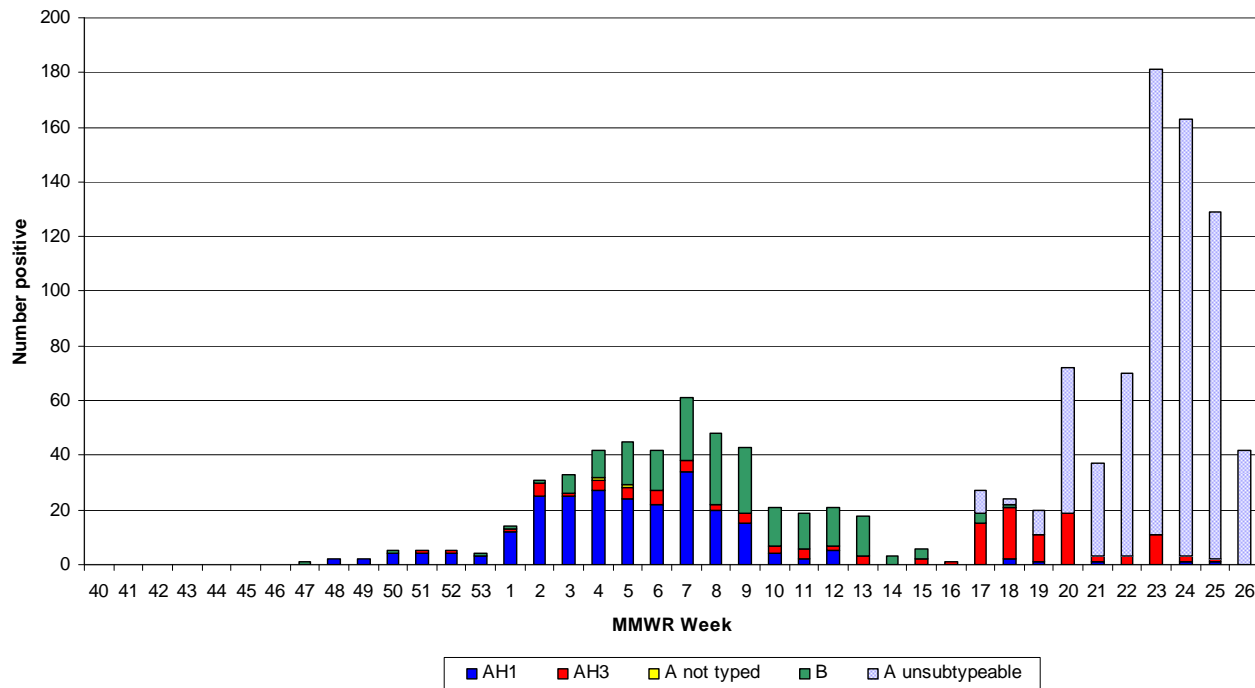
Laboratory

As of week 25, 560 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.

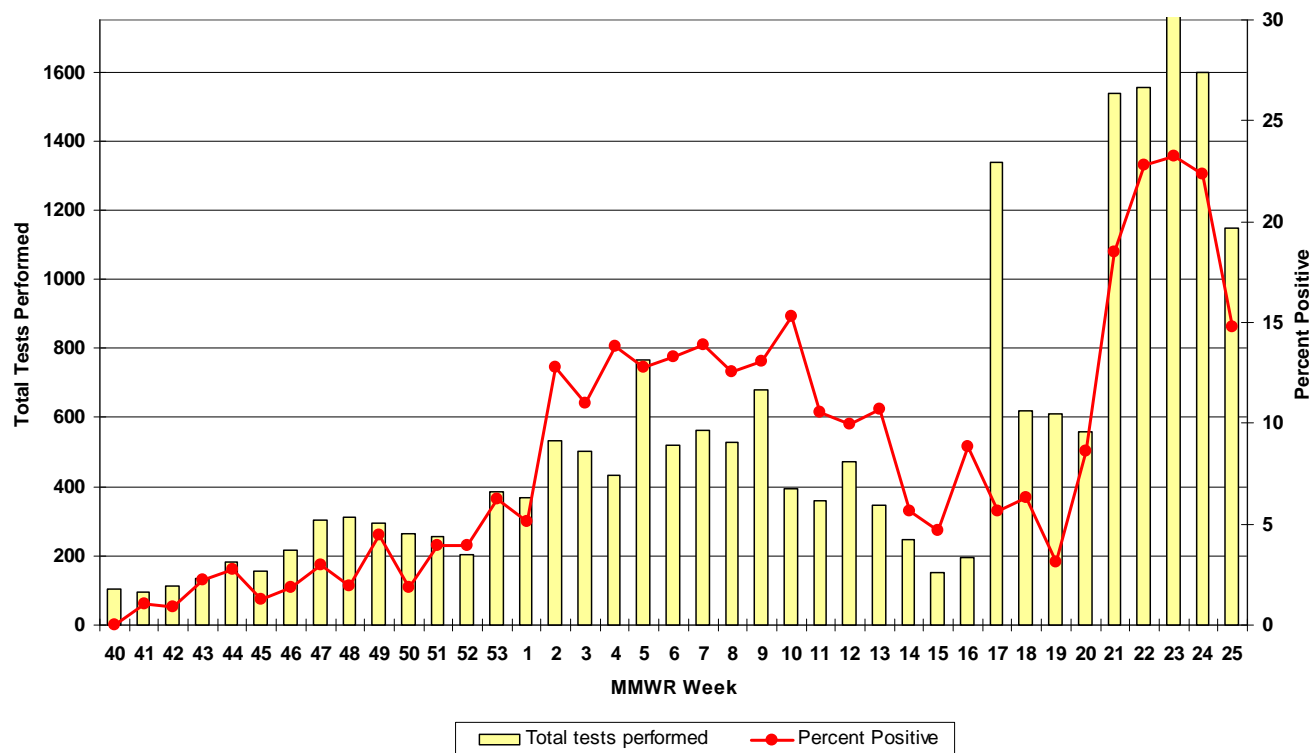
County	Week 40 to Week 25							Week 23, 24, 25						
	Rapid*			Culture*				Rapid*			Culture*			
	A	B	A/B	A H1	A H3	A UNK	B	A	B	A/B	A H1	A H3	A UNK	B
Atlantic County	79	17	0	9	1	0	2	35	0	0	0	0	0	0
Bergen County	209	13	0	11	14	0	7	117	0	0	0	1	0	0
Burlington County	103	24	0	2	0	0	1	27	0	0	0	0	0	0
Camden County	0	0	0	1	0	0	1	0	0	0	0	0	0	0
Cape May County	23	6	0	14	1	0	5	3	0	0	0	0	0	0
Cumberland County	0	0	0	7	1	0	6	0	0	0	0	0	0	0
Essex County	549	65	23	28	20	0	18	119	1	0	0	0	0	0
Gloucester County	0	0	0	5	0	0	13	0	0	0	0	0	0	0
Hudson County	287	12	0	26	19	0	29	164	0	0	1	0	0	0
Hunterdon County	35	0	78	22	8	0	13	25	0	10	0	0	0	0
Mercer County	26	0	0	14	10	0	8	17	0	0	0	0	0	0
Middlesex County	104	4	0	24	15	0	18	43	0	0	1	1	0	0
Monmouth County	58	23	67	13	5	0	8	0	0	0	0	0	0	0
Morris County	0	0	0	18	5	0	16	0	0	0	0	1	0	0
Ocean County	0	0	0	1	5	0	3	0	0	0	0	0	0	0
Passaic County	447	16	0	4	4	0	7	193	0	0	0	0	0	0
Salem County	1	1	0	0	0	0	1	1	0	0	0	0	0	0
Somerset County	0	0	21	15	6	0	12	0	0	7	0	0	0	0
Sussex County	69	22	0	1	1	0	2	21	1	0	0	0	0	0
Union County	288	6	15	19	10	0	21	171	1	0	0	0	0	0
Warren County	50	13	0	3	1	0	1	18	0	0	0	0	0	0
Unknown	0	0	0	1	3	0	1	0	0	0	0	0	0	0
State Total	2328	222	204	238	129	0	193	954	3	17	2	3	0	0

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

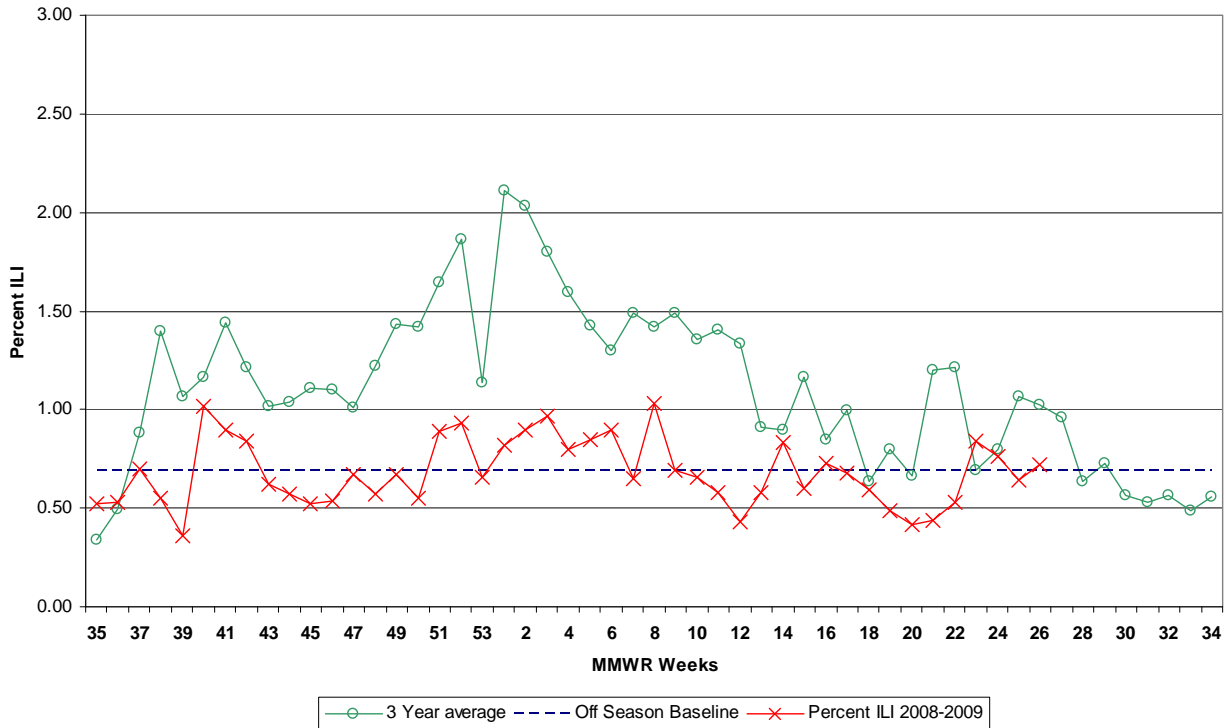


Influenza Rapid Antigen Tests
Total and Percent Positive
2008-2009 Influenza Season

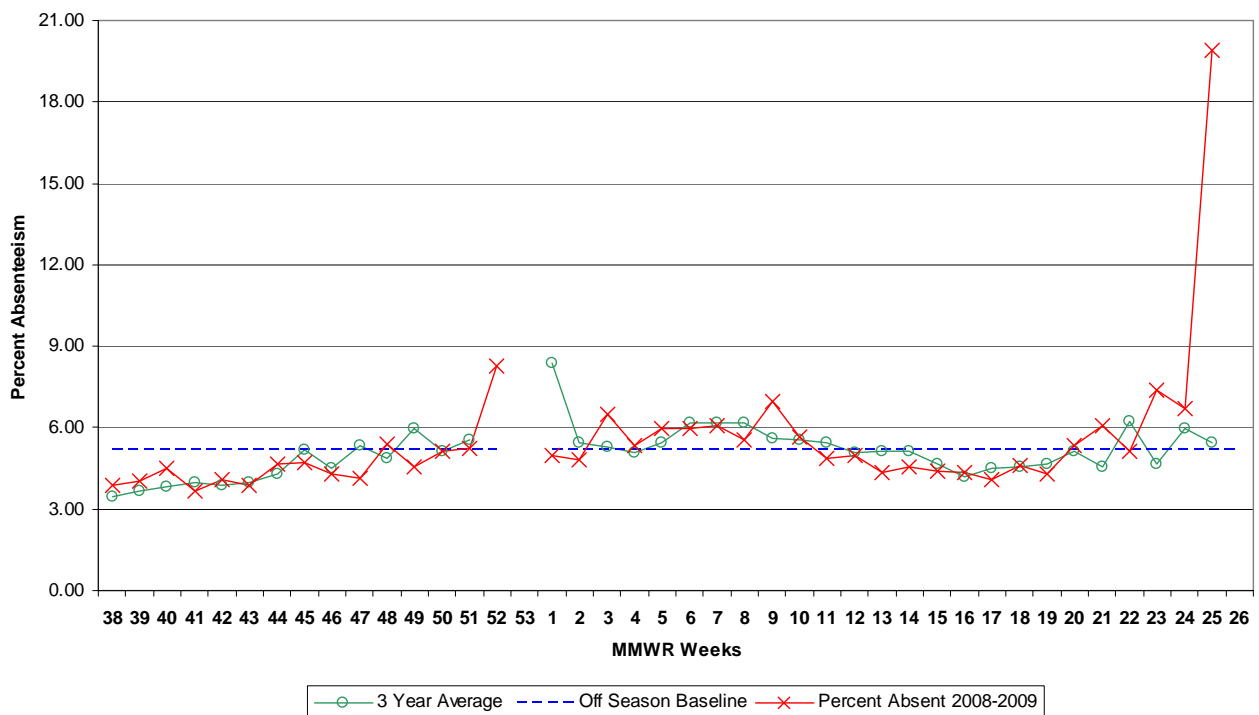


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**New Jersey Department of Health and Senior Services
Influenza-like Activity - Long Term Care Facilities**



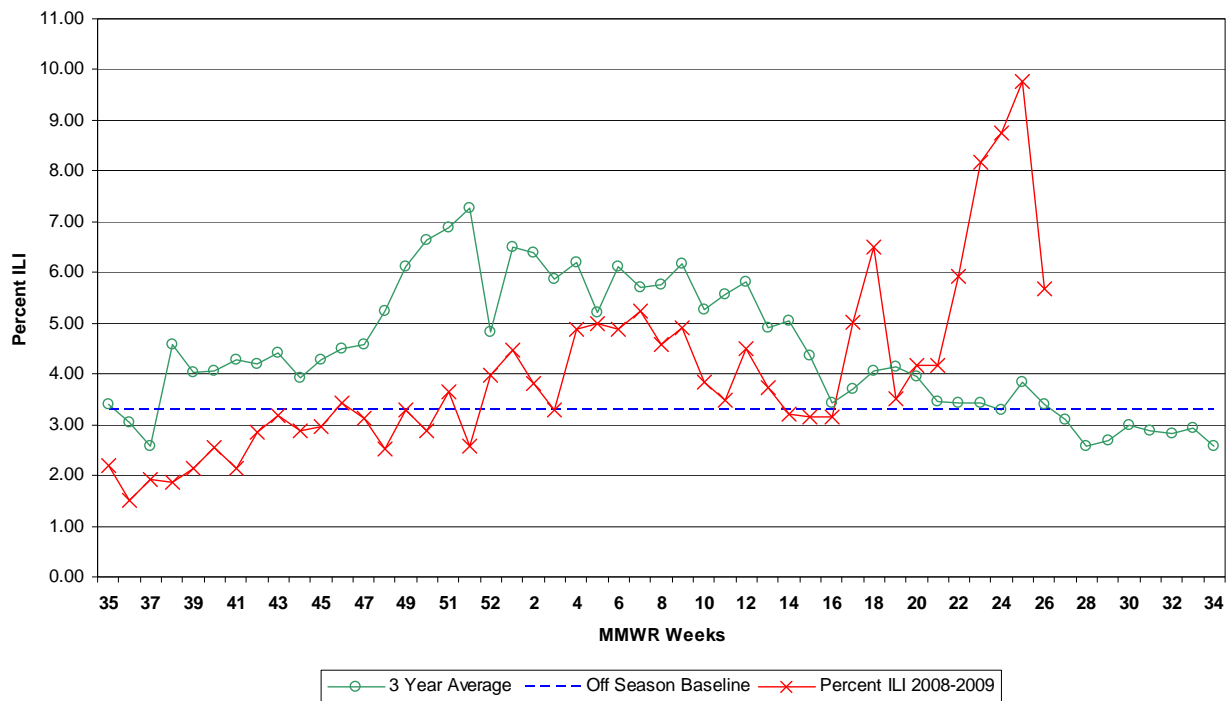
**New Jersey Department of Health and Senior Services
Influenza-like Activity - School Absenteeism**



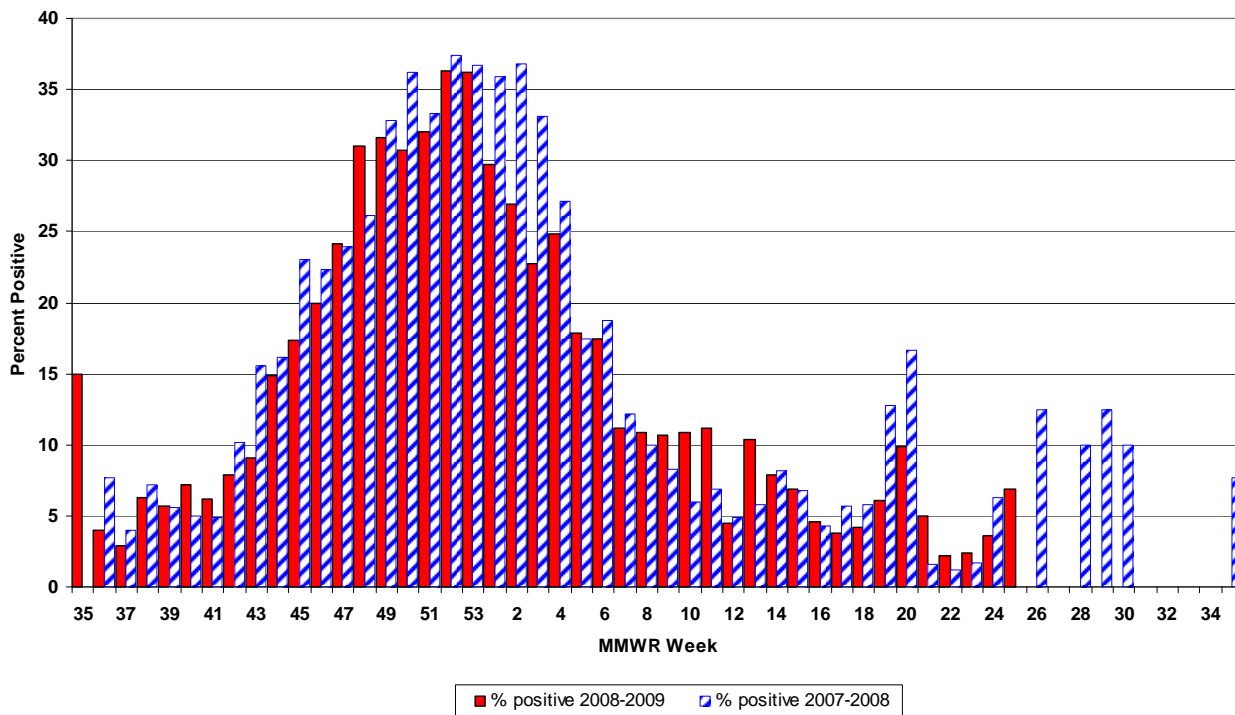
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**New Jersey Department of Health and Senior Services
Influenza-like Activity - Emergency Departments**

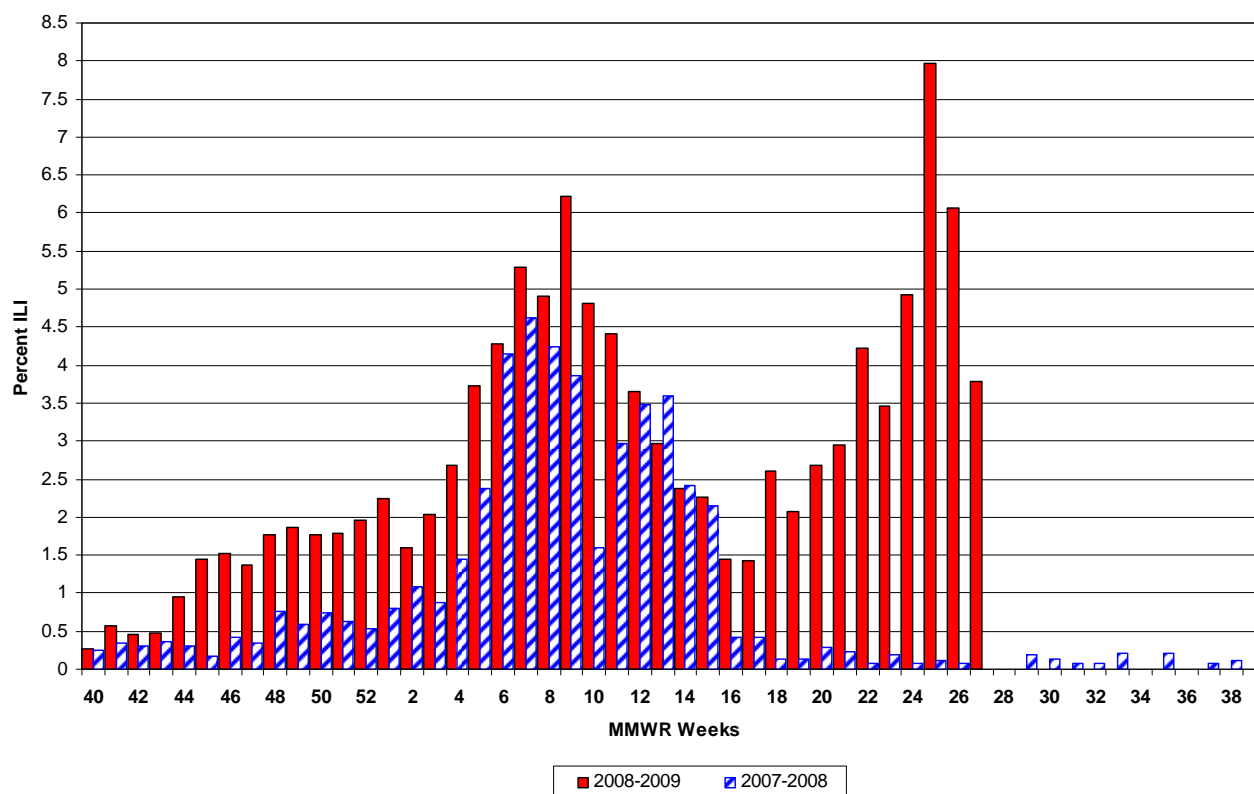


**New Jersey Department of Health and Senior Services
Respiratory Syncytial Virus (RSV) Surveillance by Week, 2006-2008**



* 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 7/01/09 at noon, NJ has identified 769 confirmed and 390 probable who have been infected with the Novel Influenza AH1N1 virus.

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	Long Term Care			Schools			Hospital Emergency Department		
County	# Enrolled	# Reports Rec'd	% ILI	# Enrolled	# Reports Rec'd	% Absent	# Enrolled	# Reports Rec'd	% ILI
June, 30, 2009 12:00 AM MMRW WEEK 26									
ATLANTIC	4	1	1.74	19	0	0.00	4	4	0.97
BERGEN	3	1	0.31	25	0	0.00	6	3	6.02
BURLINGTON	6	3	0.00	115	0	0.00	3	3	1.71
CAMDEN	7	0	0.00	17	0	0.00	7	7	2.17
CAPE MAY	6	4	0.23	11	0	0.00	1	1	5.67
CUMBERLAND	6	2	1.96	18	0	0.00	3	3	5.82
ESSEX	18	3	0.12	34	0	0.00	11	10	6.33
GLOUCESTER	5	1	0.00	4	0	0.00	2	2	2.14
HUDSON	10	2	1.89	94	0	0.00	6	5	6.26
HUNTERDON	4	4	0.00	8	0	0.00	1	1	3.81
MERCER	11	0	0.00	26	0	0.00	5	5	6.68
MIDDLESEX	2	0	0.00	89	0	0.00	5	4	5.10
MONMOUTH	14	0	0.00	24	0	0.00	5	5	6.13
MORRIS	2	0	0.00	13	0	0.00	4	3	13.58
OCEAN	6	0	0.00	20	0	0.00	4	3	10.68
PASSAIC	9	0	0.00	23	0	0.00	6	1	0.00
SALEM	4	1	0.00	5	0	0.00	1	1	0.00
SOMERSET	6	1	0.00	63	0	0.00	2	1	4.68
SUSSEX	5	4	1.30	22	0	0.00	2	2	3.70
UNION	4	0	0.00	130	0	0.00	5	5	9.19
UNKNOWN	0	0	0.00	1	0	0.00	0	0	0.00
WARREN	8	4	0.79	24	0	0.00	2	2	6.33
NW Region	24	8	1.13	82	0	0.00	14	8	9.18
NE Region	31	6	0.59	153	0	0.00	23	18	6.25
CW Region	21	5	0.00	97	0	0.00	8	7	6.05
CE Region	26	0	0.00	263	0	0.00	19	17	7.59
South Region	38	12	0.80	189	0	0.00	21	21	2.43
State Total	140	31	0.72	784	0	0.00	85	71	5.69