

New Jersey Department of Health and Senior Services
Communicable Disease Service
Influenza Brief
Week Ending June 6, 2009 (MMWR Week 22)

Influenza activity level: **WIDESPREAD**

New Jersey	% ILI week 22 (range county level)	% ILI week 22, last year	State Baseline*	% ILI previous week 21 same year
Long Term Care Facilities	0.53% (0.00-1.88%)	0.46%	0.69%	0.44%
Schools (absenteeism)	5.11% (2.19-7.10%)	6.64%	5.17%	6.06%
Emergency Departments	5.92% (0.00-13.21%)	3.21%	2.60%	1.48%

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 22, 2.69% of sentinel provider patient visits were due to ILI. These data reflect reports from thirteen (30%) of the enrolled sentinel providers.

During week 21, 2.52% 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).

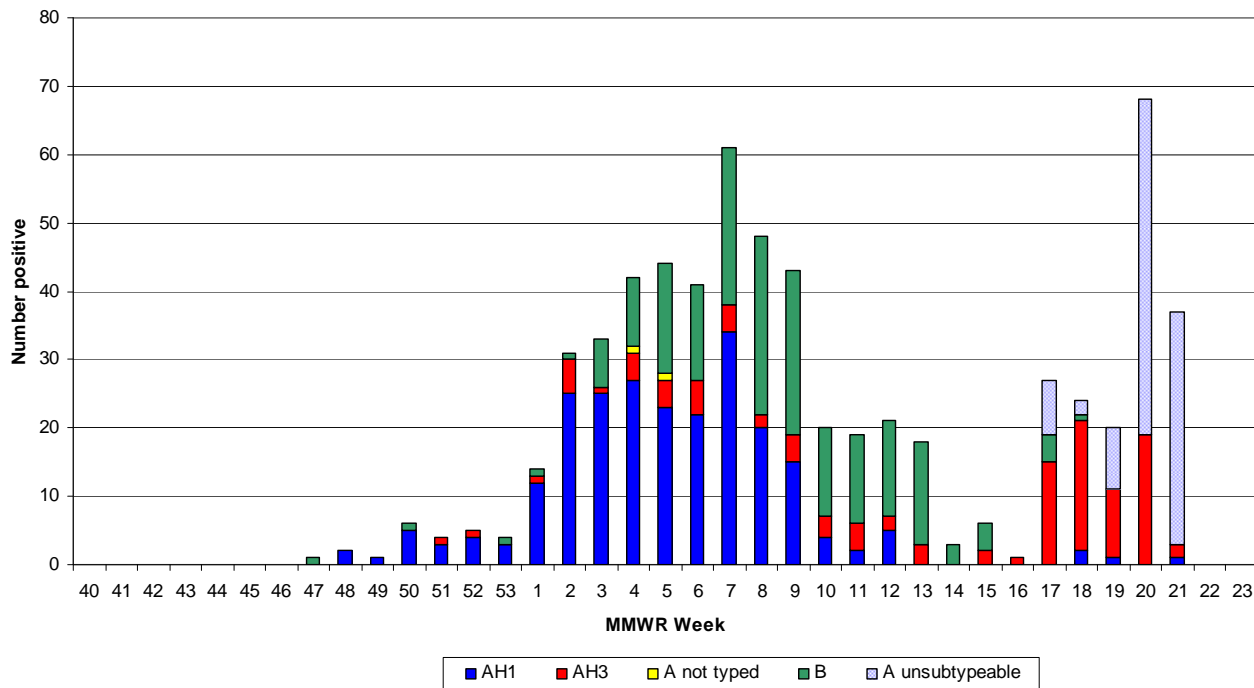
Laboratory

As of week 21, 540 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.

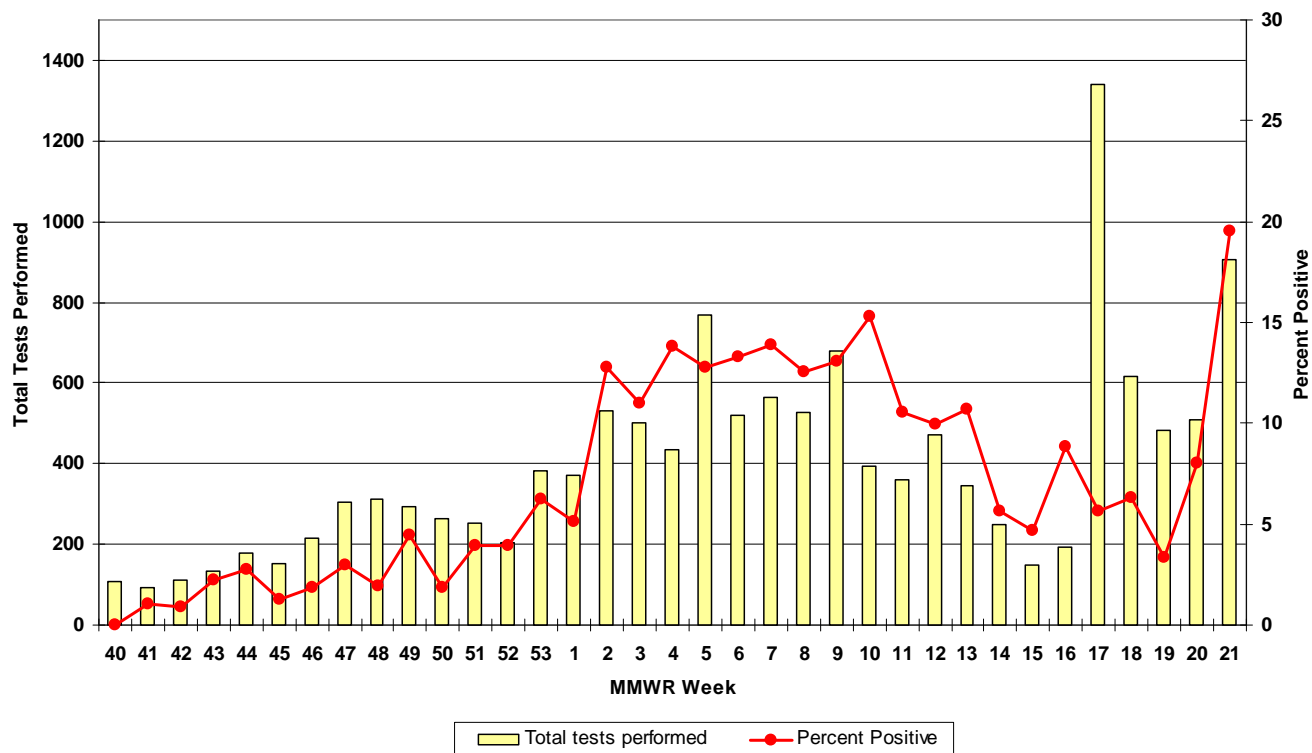
County	Week 40 to Week 20							Week 18, 19, 20						
	Rapid*			Culture*				Rapid*			Culture*			
	A	B	A/B	A H1	A H3	A UNK	B	A	B	A/B	A H1	A H3	A UNK	B
Atlantic County	41	17	0	9	1	0	2	1	0	0	0	0	0	0
Bergen County	43	13	0	11	12	0	7	17	0	0	0	3	0	0
Burlington County	71	23	0	2	0	0	1	4	0	0	0	0	0	0
Camden County	0	0	0	1	0	0	1	0	0	0	0	0	0	0
Cape May County	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	330	64	23	28	19	0	18	109	1	1	0	4	0	0
Gloucester County	0	0	0	5	0	0	13	0	0	0	0	0	0	0
Hudson County	34	12	0	25	18	0	29	2	0	0	0	11	0	0
Hunterdon County	10	0	67	22	8	0	13	3	0	4	0	1	0	0
Mercer County	4	0	0	14	3	0	8	1	0	0	0	1	0	0
Middlesex County	31	4	0	23	14	0	18	0	0	0	1	1	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	0	3	0	0
Ocean County	0	0	0	1	5	0	3	0	0	0	0	1	0	0
Passaic County	106	15	0	4	4	0	7	41	1	0	0	2	0	0
Salem County	0	1	0	0	0	0	1	0	0	0	0	0	0	0
Somerset County	0	0	14	15	5	0	12	0	0	0	0	0	0	0
Sussex County	43	21	0	1	0	0	2	3	0	0	0	0	0	0
Union County	44	5	15	19	9	0	21	29	0	15	0	0	0	0
Warren County	24	13	0	3	0	0	1	2	0	0	0	0	0	0
Unknown	0	0	0	1	4	0	0	0	0	0	1	4	0	0
State Total	859	217	186	236	112	0	192	212	2	20	2	31	0	0

* 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

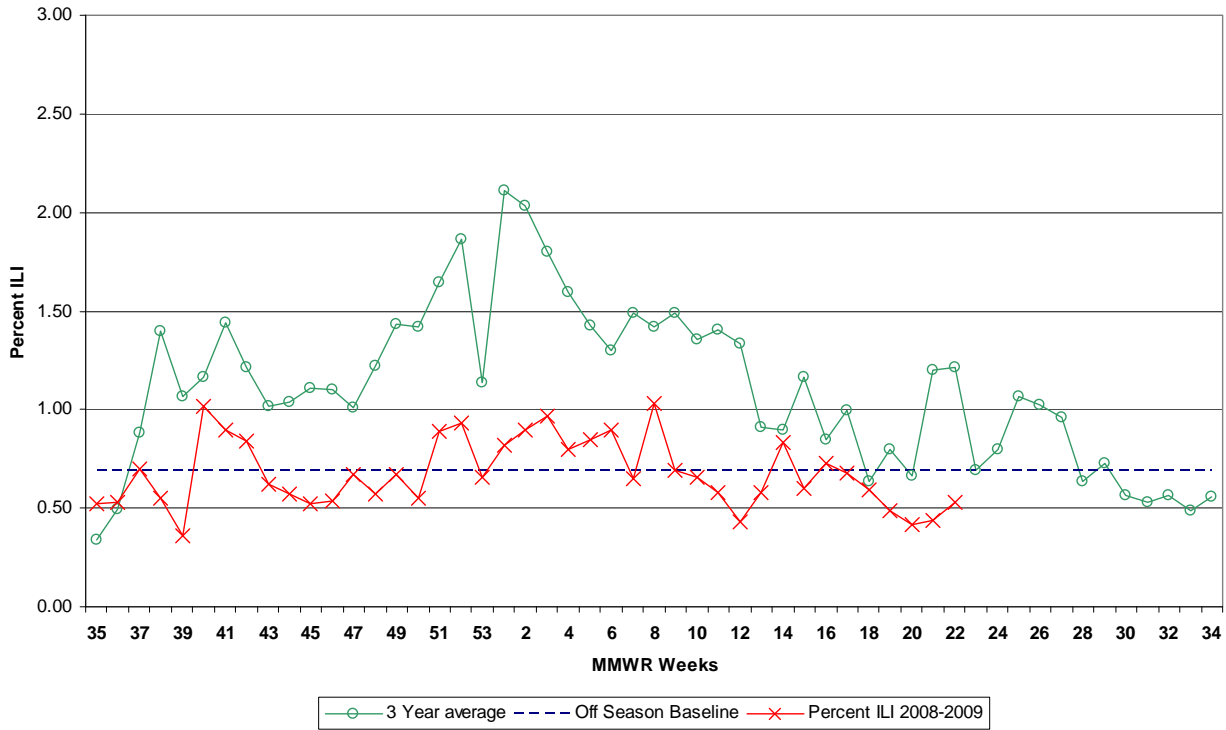


Influenza Rapid Antigen Tests
Total and Percent Positive
2008-2009 Influenza Season

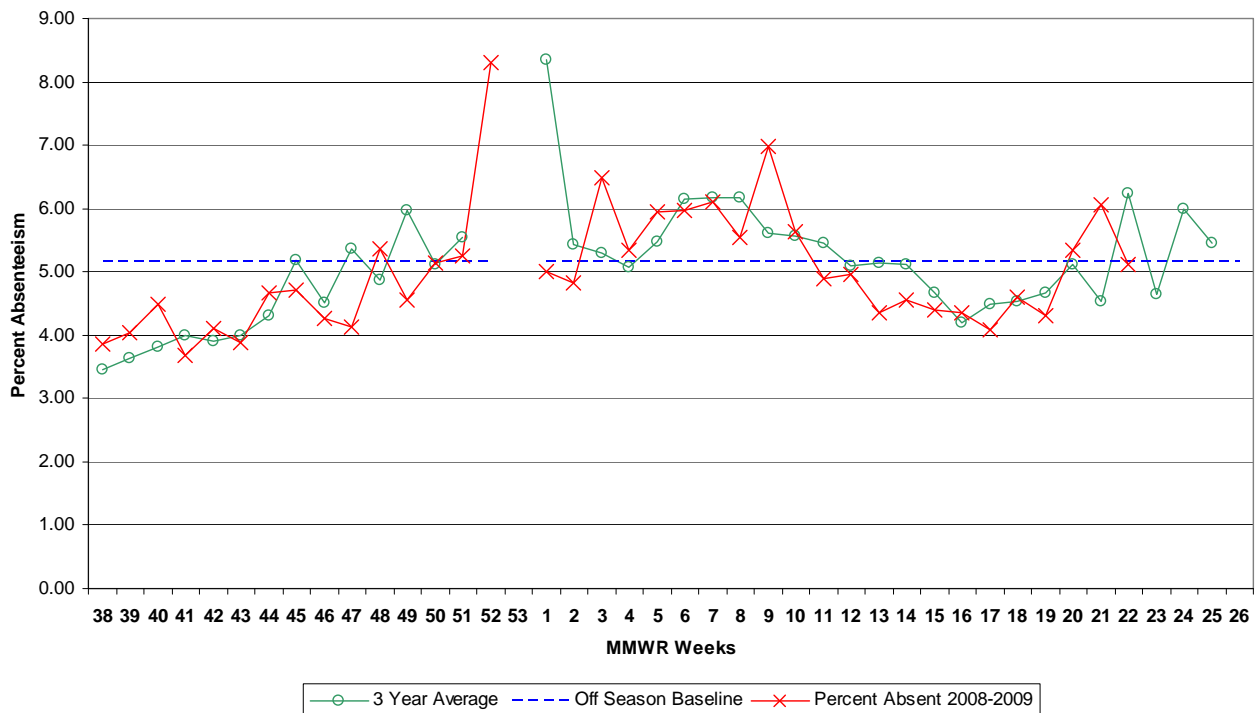


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**New Jersey Department of Health and Senior Services
Influenza-like Activity - Long Term Care Facilities**

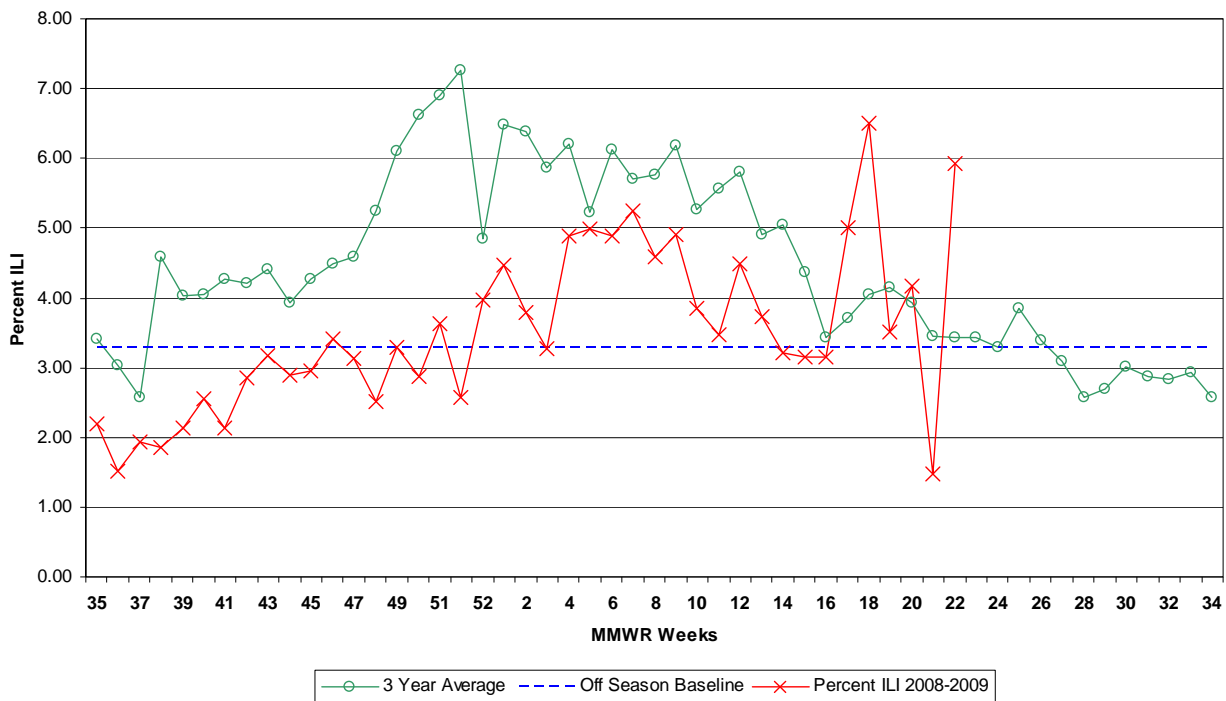


**New Jersey Department of Health and Senior Services
Influenza-like Activity - School Absenteeism**

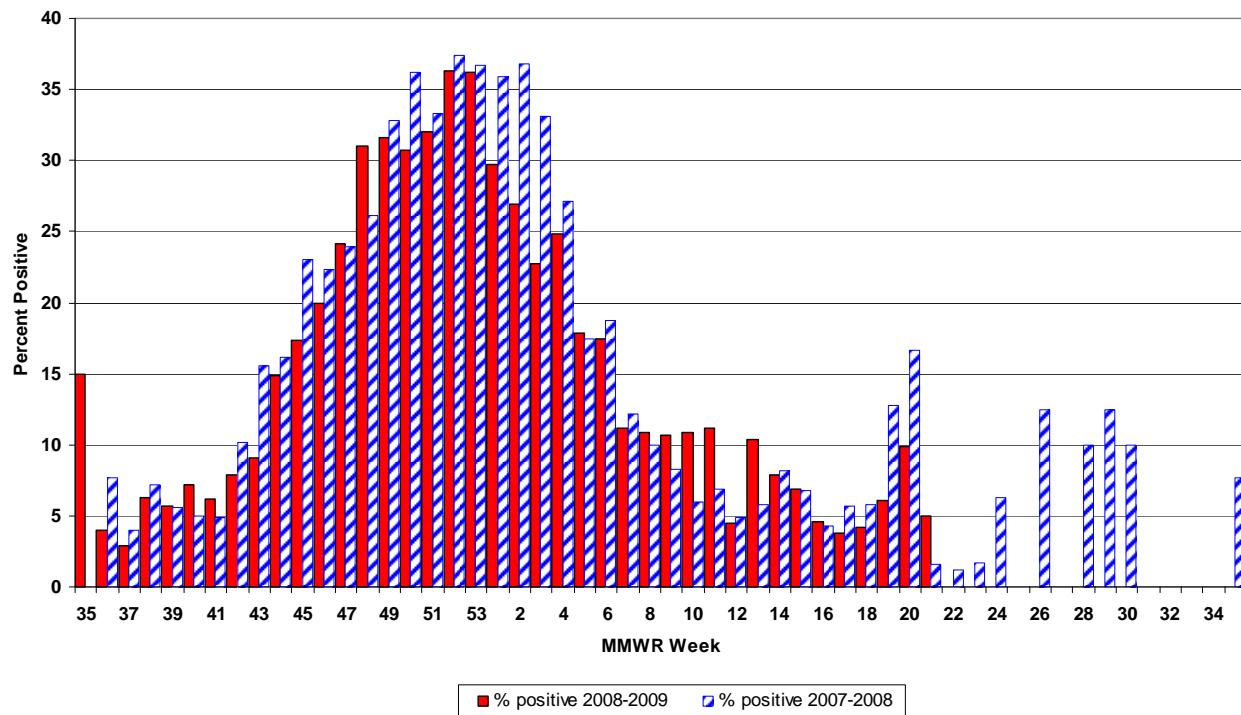


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**New Jersey Department of Health and Senior Services
Influenza-like Activity - Emergency Departments**

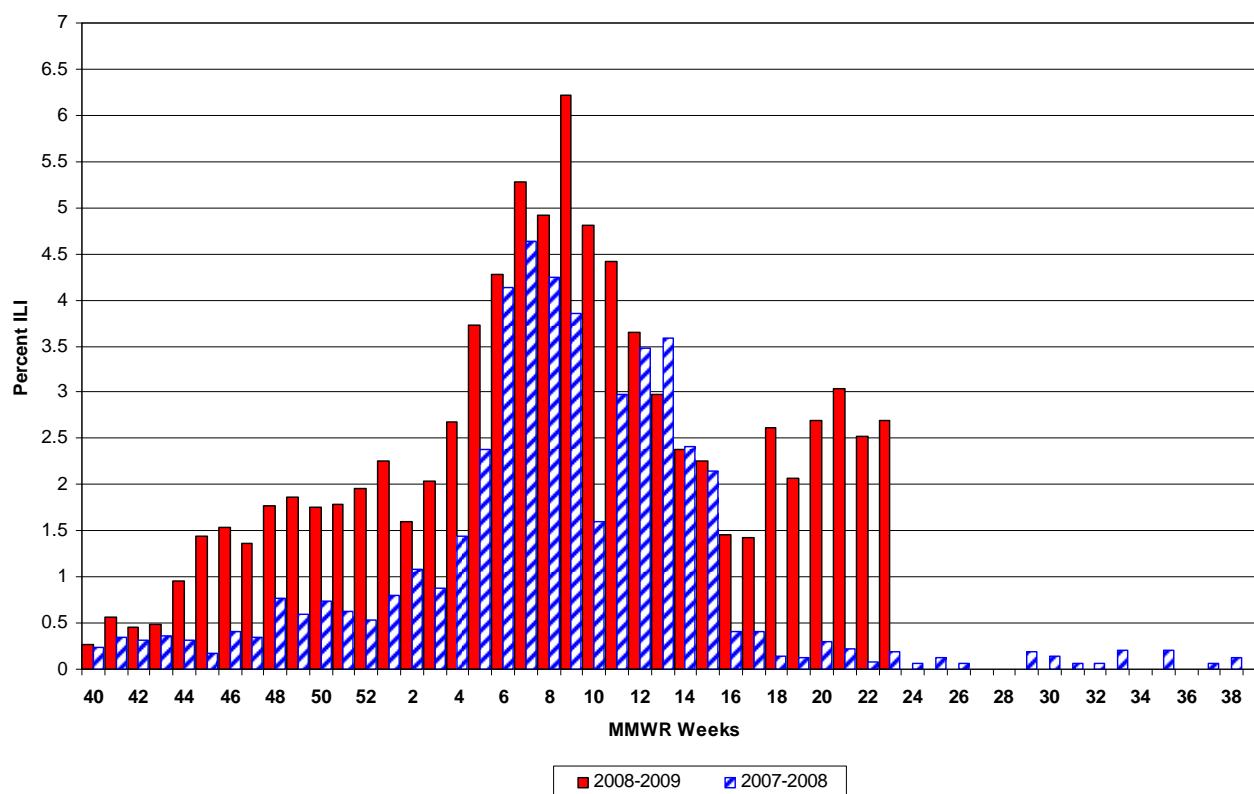


**New Jersey Department of Health and Senior Services
Respiratory Syncytial Virus (RSV) Surveillance by Week, 2006-2008**



* 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 6/10/09 at noon, NJ has identified 235 confirmed and 113 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, 2, 2009 12:00 AM MMRW WEEK 22									
ATLANTIC	4	1	1.19	19	2	4.87	4	3	1.08
BERGEN	3	0	0.00	25	11	4.67	6	4	6.81
BURLINGTON	6	2	0.00	115	63	4.34	3	3	3.86
CAMDEN	7	0	0.00	17	0	0.00	7	5	1.39
CAPE MAY	6	0	0.00	11	0	0.00	1	0	0.00
CUMBERLAND	6	2	0.45	18	3	9.06	3	3	1.85
ESSEX	18	5	0.74	34	2	4.24	11	10	7.98
GLOUCESTER	5	1	0.00	4	0	0.00	2	2	1.82
HUDSON	10	2	1.88	92	61	7.10	6	4	9.07
HUNTERDON	4	3	0.00	8	8	2.94	1	1	2.44
MERCER	11	6	0.00	26	20	4.22	5	5	3.42
MIDDLESEX	2	0	0.00	89	23	4.05	5	5	7.82
MONMOUTH	14	2	0.00	24	13	6.39	5	5	5.84
MORRIS	2	0	0.00	13	13	2.19	4	3	13.21
OCEAN	6	0	0.00	20	14	5.47	4	3	6.21
PASSAIC	9	4	0.63	23	8	6.20	6	3	5.40
SALEM	4	0	0.00	5	0	0.00	1	1	0.00
SOMERSET	6	4	0.64	63	16	3.31	2	1	2.75
SUSSEX	5	5	0.85	22	17	5.24	2	1	0.00
UNION	4	2	0.00	130	37	5.51	5	5	9.81
UNKNOWN	0	0	0.00	1	0	0.00	0	0	0.00
WARREN	8	2	0.00	24	15	4.85	2	1	0.00
NW Region	24	11	0.71	82	53	4.74	14	8	7.85
NE Region	31	7	1.10	151	74	6.79	23	18	7.89
CW Region	21	13	0.22	97	44	3.65	8	7	3.21
CE Region	26	4	0.00	263	87	5.13	19	18	7.38
South Region	38	6	0.43	189	68	4.50	21	17	1.85
State Total	140	41	0.53	782	326	5.11	85	68	5.92