

New Jersey Department of Health and Senior Services
Communicable Disease Service
Influenza Brief
Week Ending June 20, 2009 (MMWR Week 24)

Influenza activity level: **WIDESPREAD**

New Jersey	% ILI week 24 (range county level)	% ILI week 24 last year	State Baseline*	% ILI previous week 23 same year
Long Term Care Facilities	0.76% (0.00-4.11%)	0.64%	0.69%	0.84%
Schools (absenteeism)	6.69% (0.83-12.88%)	9.48%	5.17%	7.36%
Emergency Departments	8.75% (0.00-17.91)	1.46%	2.60%	8.18%

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 24, 8.33% of sentinel provider patient visits were due to ILI. These data reflect reports from sixteen (37%) of the enrolled sentinel providers.

During week 23, 4.66% of sentinel provider patient visits were due to ILI. These data reflect reports from eighteen (41%) 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).

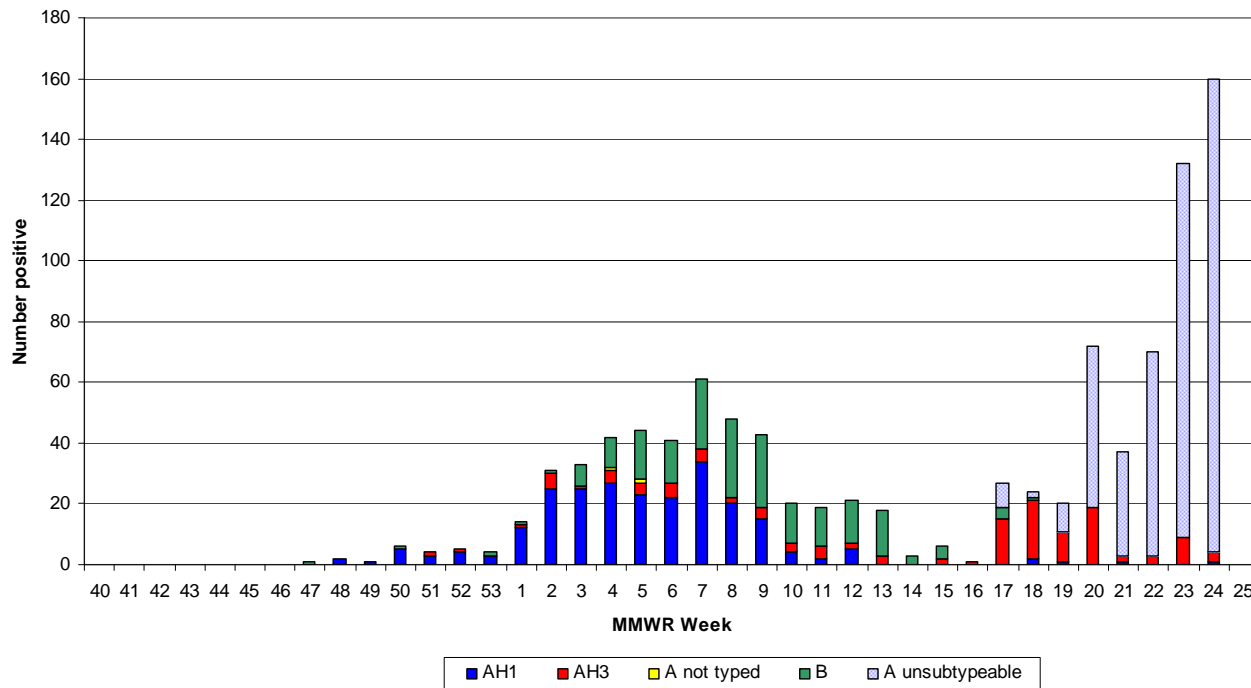
Laboratory

As of week 23, 558 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.

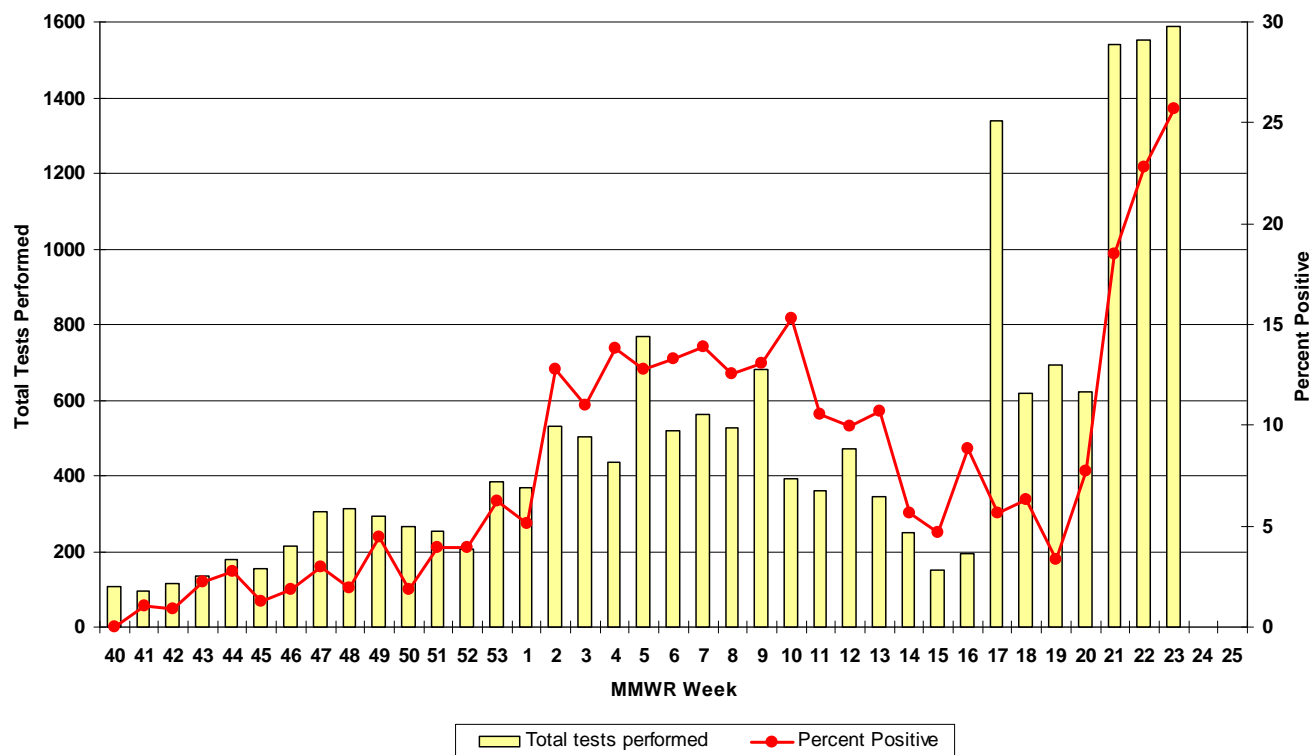
County	Week 40 to Week 24							Week 22, 23, 24						
	Rapid*			Culture*				Rapid*			Culture*			
	A	B	A/B	A H1	A H3	A UNK	B	A	B	A/B	A H1	A H3	A UNK	B
Atlantic County	55	17	0	9	1	0	2	15	0	0	0	0	6	0
Bergen County	134	13	0	11	13	2	7	108	0	0	0	1	17	0
Burlington County	83	23	0	2	0	0	1	10	0	0	0	0	9	0
Camden County	0	0	0	1	0	0	1	0	0	0	0	0	10	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	8	0
Essex County	492	65	23	28	20	0	18	249	2	1	0	0	48	0
Gloucester County	0	0	0	5	0	0	13	0	0	0	0	0	1	0
Hudson County	183	12	0	25	19	0	29	148	0	0	0	1	23	0
Hunterdon County	10	0	76	22	8	0	13	0	0	11	0	0	14	0
Mercer County	11	0	0	14	10	0	8	8	0	0	0	7	20	0
Middlesex County	61	4	0	24	14	0	18	30	0	0	1	0	63	0
Monmouth County	58	23	67	13	5	0	8	0	0	0	0	1	13	0
Morris County	0	0	0	18	5	0	16	0	0	0	0	1	13	0
Ocean County	0	0	0	1	5	0	3	0	0	0	0	0	7	0
Passaic County	347	16	0	4	4	0	7	273	2	0	0	0	26	0
Salem County	1	1	0	0	0	0	1	1	0	0	0	0	0	0
Somerset County	0	0	20	15	6	0	12	0	0	6	0	1	10	0
Sussex County	49	21	0	1	1	0	2	7	0	0	0	1	3	0
Union County	195	6	15	19	10	0	21	159	1	15	0	1	16	0
Warren County	27	13	0	3	1	0	1	2	0	0	0	1	11	0
Unknown	0	0	0	1	3	0	0	0	0	0	0	0	28	0
State Total	1726	220	201	237	127	2	192	1010	5	33	1	15	346	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

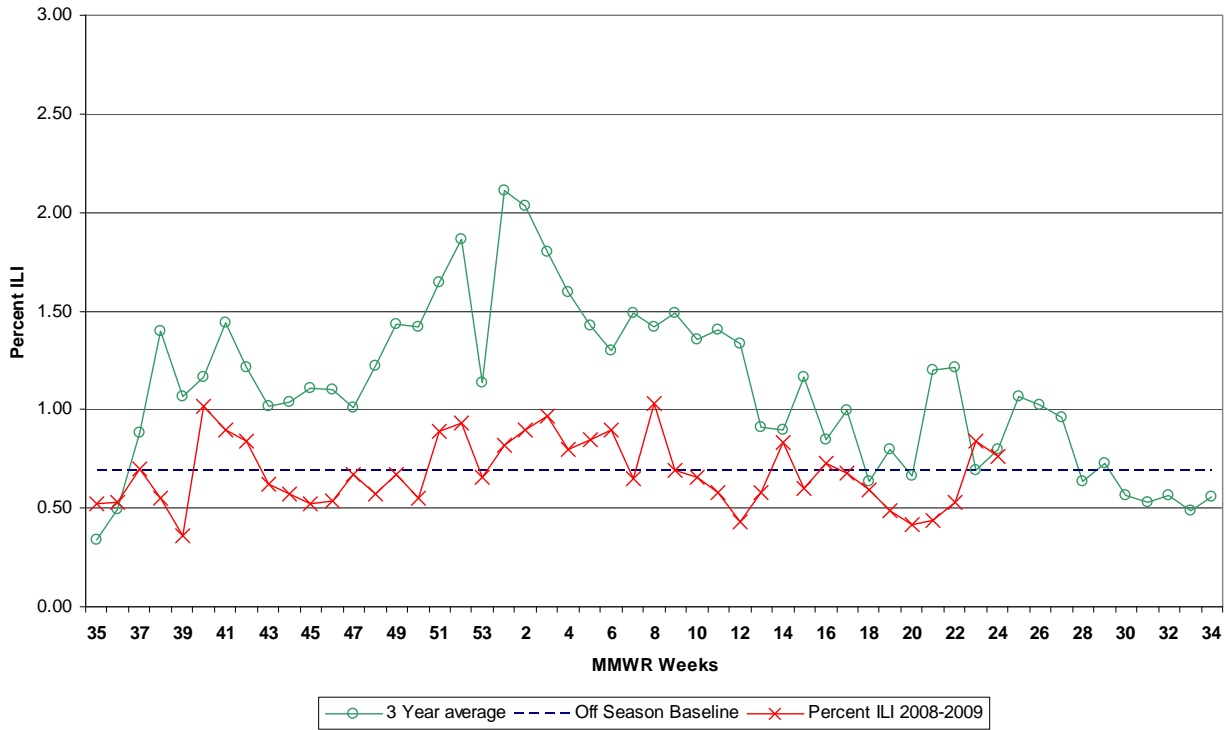


Influenza Rapid Antigen Tests
Total and Percent Positive
2008-2009 Influenza Season

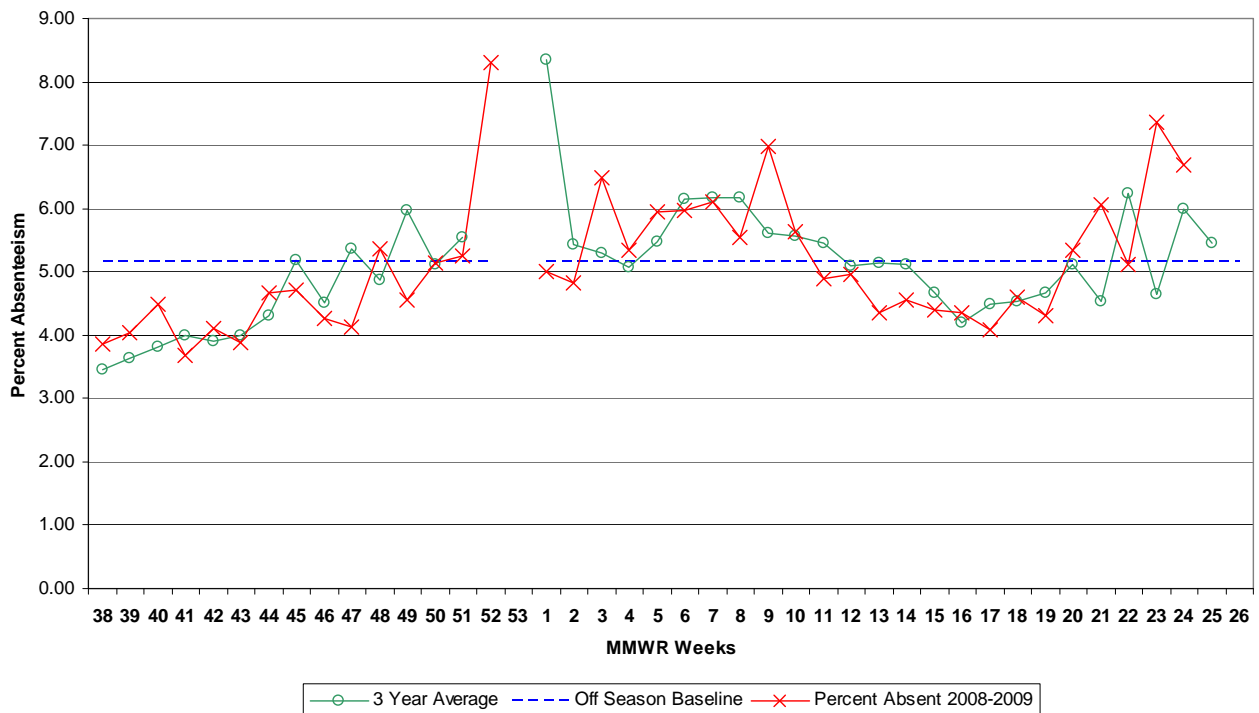


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**New Jersey Department of Health and Senior Services
Influenza-like Activity - Long Term Care Facilities**

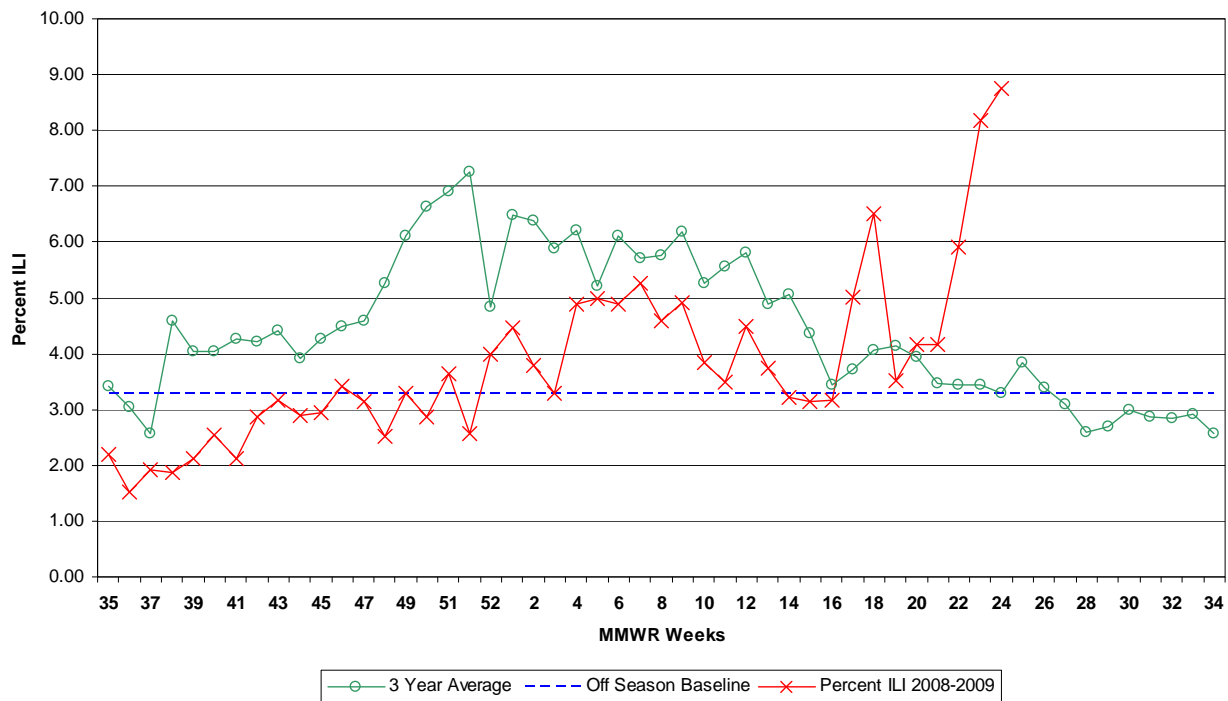


**New Jersey Department of Health and Senior Services
Influenza-like Activity - School Absenteeism**

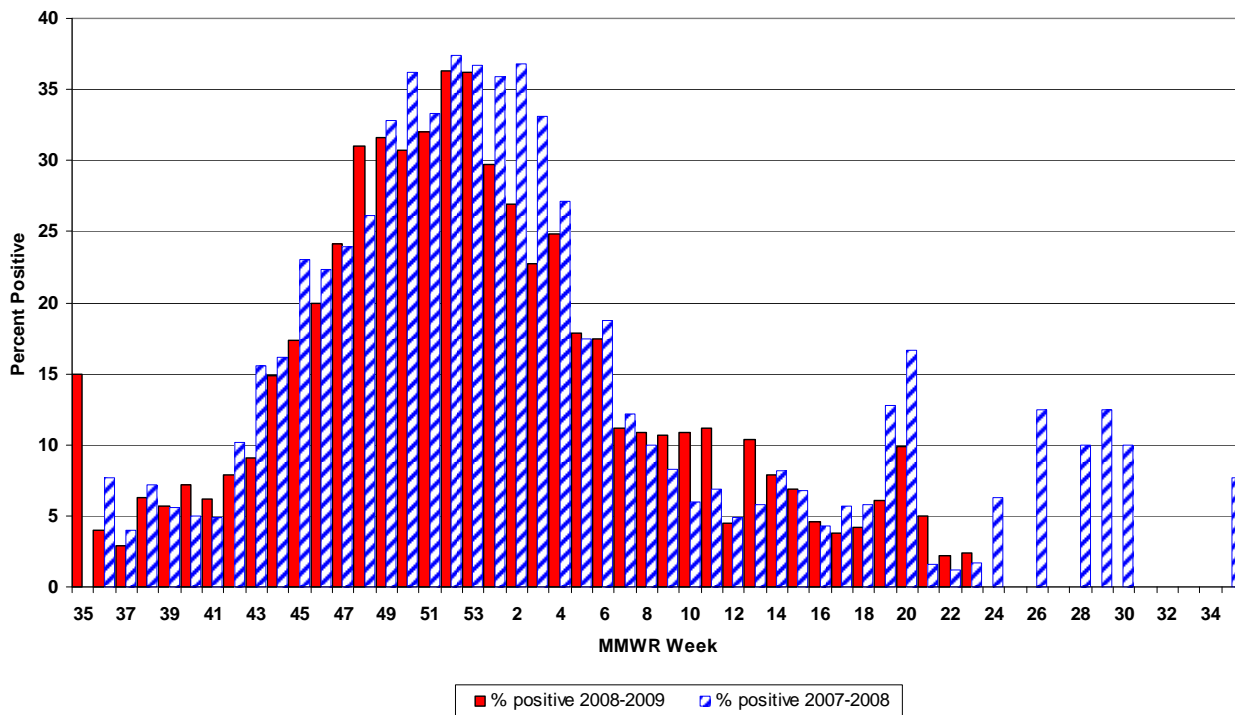


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**New Jersey Department of Health and Senior Services
Influenza-like Activity - Emergency Departments**

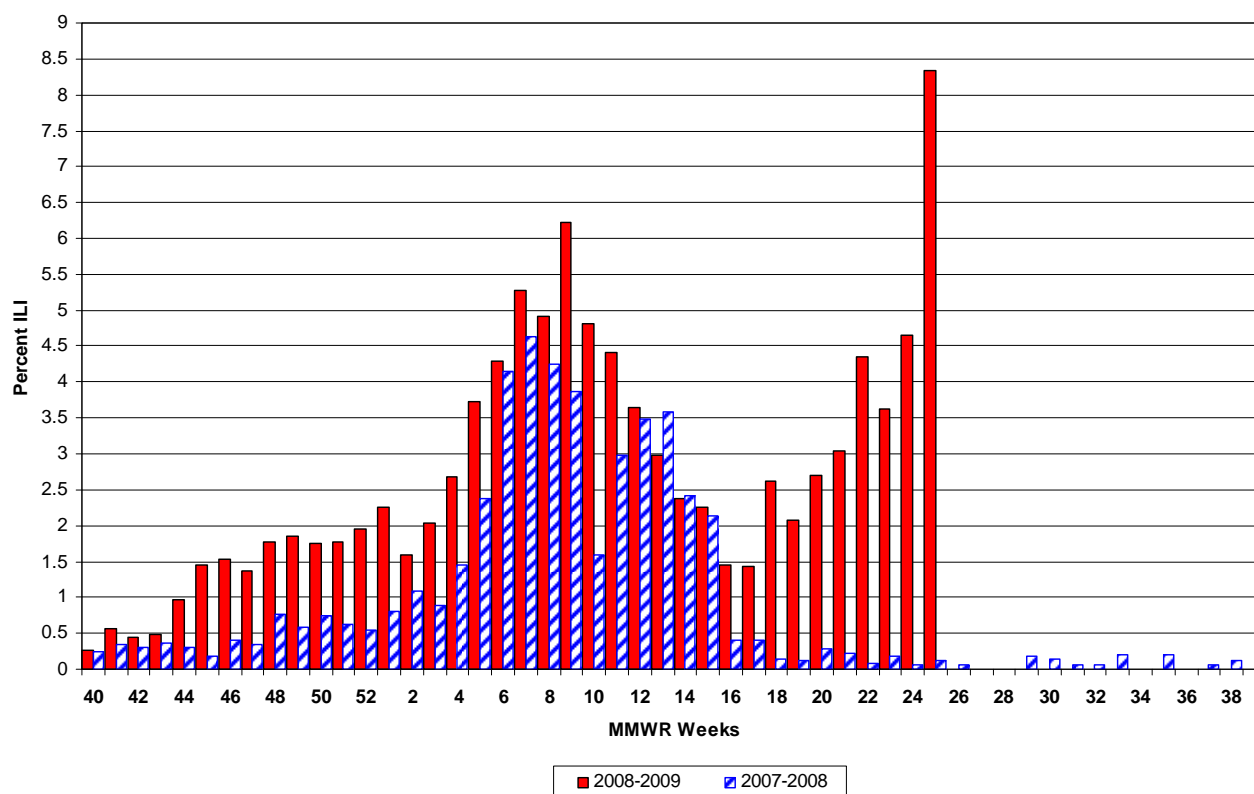


**New Jersey Department of Health and Senior Services
Respiratory Syncytial Virus (RSV) Surveillance by Week, 2006-2008**



* 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 6/24/09 at noon, NJ has identified 609 confirmed and 290 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, 16, 2009 12:00 AM MMRW WEEK 24									
ATLANTIC	4	0	0.00	19	11	12.88	4	3	2.58
BERGEN	3	0	0.00	25	0	0.00	6	5	10.83
BURLINGTON	6	2	0.00	115	59	4.90	3	3	4.30
CAMDEN	7	0	0.00	17	0	0.00	7	4	2.01
CAPE MAY	6	4	0.20	11	2	5.57	1	1	9.88
CUMBERLAND	6	1	1.75	18	3	9.02	3	3	2.71
ESSEX	18	6	1.13	34	1	0.83	11	7	11.41
GLOUCESTER	5	1	0.00	4	0	0.00	2	2	4.63
HUDSON	10	2	4.11	94	61	8.01	6	5	11.63
HUNTERDON	4	3	0.00	8	6	6.57	1	1	5.94
MERCER	11	9	0.47	26	19	10.08	5	5	11.40
MIDDLESEX	2	0	0.00	89	0	0.00	5	4	11.26
MONMOUTH	14	0	0.00	24	0	0.00	5	5	8.87
MORRIS	2	0	0.00	13	11	1.68	4	3	5.70
OCEAN	6	0	0.00	20	0	0.00	4	4	11.21
PASSAIC	9	1	0.66	23	6	6.95	6	2	4.32
SALEM	4	2	0.00	5	0	0.00	1	1	0.00
SOMERSET	6	3	0.76	63	10	4.02	2	1	4.35
SUSSEX	5	5	0.85	22	18	4.90	2	2	0.00
UNION	4	1	0.00	130	29	6.21	5	5	17.91
UNKNOWN	0	0	0.00	1	0	0.00	0	0	0.00
WARREN	8	3	0.41	24	6	2.86	2	2	5.88
NW Region	24	9	0.59	82	41	4.36	14	9	4.60
NE Region	31	8	1.73	153	62	7.93	23	17	11.29
CW Region	21	15	0.46	97	35	7.74	8	7	9.56
CE Region	26	1	0.00	263	29	6.21	19	18	12.10
South Region	38	10	0.45	189	75	6.27	21	17	3.44
State Total	140	43	0.76	784	242	6.69	85	68	8.75