

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: June 08, 2011

*All Reporting Sites, Through the Week Ending June 04, 2011*

## General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Adenovirus, Parainfluenza 1, and Parainfluenza 3 for the week ending June 4, 2011.

Adenovirus and Parainfluenza 3 continue to be the predominating respiratory viruses currently circulating in Southern Nevada (Table 1; Fig. 2). Neither Influenza nor RSV was detected this surveillance period (Table 1).

The low variety of viruses detected (Fig. 2) and the relatively low number of patients who were tested this surveillance period (Fig. 1) suggest that both the types of respiratory viruses circulating in our community and their levels of circulation are low.

The PEWSS reports are disseminated weekly to the medical community by email, fax, and online at <http://www.southernnevadahealthdistrict.org/stats-reports/influenza.php>. For questions about PEWSS, please contact the SNHD Office of Epidemiology at 702.759.1300.

**Table 1 - Testing Results, Current Week and Previous Four Weeks**

PCR Testing Results	Week Ending										Project to Date	
	5/7		5/14		5/21		5/28		6/4		Since 5/26/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	18	75	11	73	5	45	5	38	7	64	406	46
Influenza A Positive*	0	0	0	0	0	0	0	0	0	0	117	13
Influenza A 2009 H1N1	0	0	0	0	0	0	0	0	0	0	64	7
Influenza A H1 Positive	0	0	0	0	0	0	0	0	0	0	0	0
Influenza A H3 Positive	0	0	0	0	0	0	0	0	0	0	53	6
Influenza B Positive	0	0	0	0	0	0	1	8	0	0	77	9
Adenovirus Positive	2	8	2	13	0	0	1	8	2	18	61	7
Human Metapneumovirus Positive	2	8	1	7	3	27	4	31	0	0	29	3
Parainfluenza 1 Positive	0	0	0	0	1	9	0	0	1	9	17	2
Parainfluenza 2 Positive	0	0	0	0	0	0	0	0	0	0	26	3
Parainfluenza 3 Positive	3	13	1	7	2	18	1	8	1	9	82	9
RSV Positive	0	0	0	0	0	0	1	8	0	0	100	11
Coinfections	1	4	0	0	0	0	0	0	0	0	30	3
Specimens Tested	24		15		11		13		11		885	

\* Includes Influenza of all subtypes

**Figure 1 - Weekly Number of Specimens Tested**

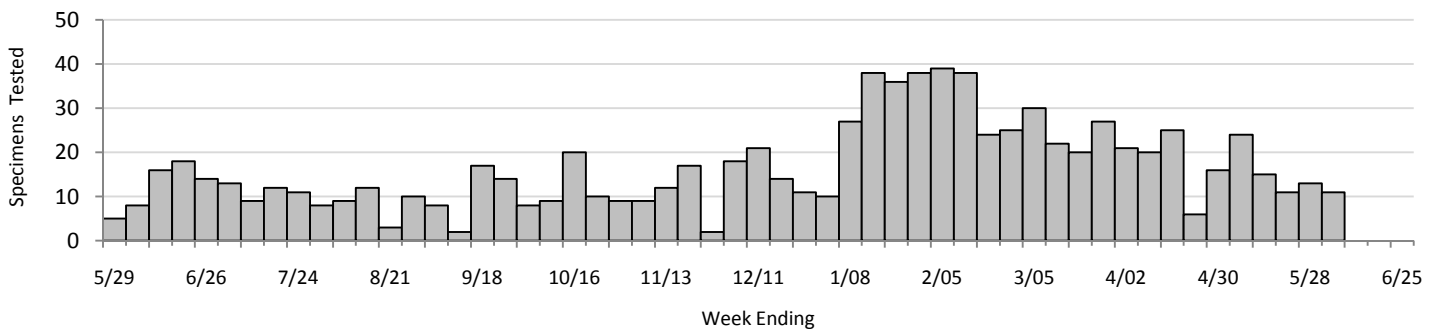
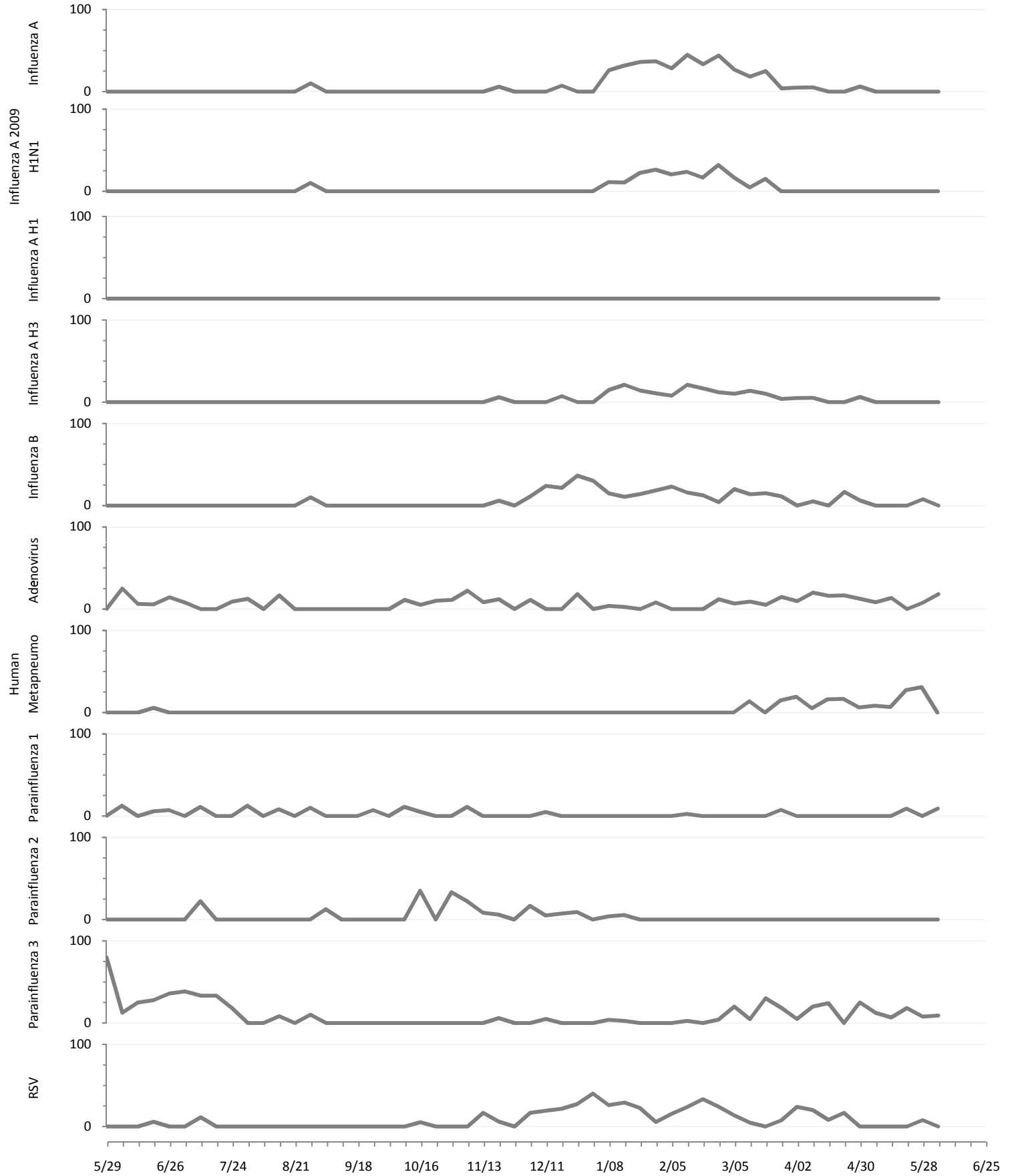


Figure 2 - Weekly Positivity Rates for Organisms Tested



**Figure 3. Age distributions of patients from whom specimens were tested and who tested positive**

