

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: June 22, 2011

All Reporting Sites, Through the Week Ending June 18, 2011

## General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Human Metapneumovirus and Parainfluenza 1 for the week ending June 18, 2011.

The low number of patients who met testing criteria (fever >100°F accompanied by a cough and/or sore throat) and were able to provide specimens for testing this surveillance period (Fig. 1), coupled with the low variety of viruses detected (Table 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	
	5/21		5/28		6/4		6/11		6/18		Since 5/26/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	5	45	5	38	7	64	9	64	2	33	417	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	1	8	0	0	0	0	0	0	77	9
Adenovirus Positive	0	0	1	8	2	18	0	0	0	0	61	7
Human Metapneumovirus Positive	3	27	4	31	0	0	4	29	3	50	36	4
Parainfluenza 1 Positive	1	9	0	0	1	9	0	0	1	17	18	2
Parainfluenza 2 Positive	0	0	0	0	0	0	0	0	0	0	26	3
Parainfluenza 3 Positive	2	18	1	8	1	9	1	7	0	0	83	9
RSV Positive	0	0	1	8	0	0	0	0	0	0	100	11
Coinfections	0	0	0	0	0	0	0	0	0	0	30	3
Specimens Tested	11		13		11		14		6		905	

\* Includes Influenza of all subtypes

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

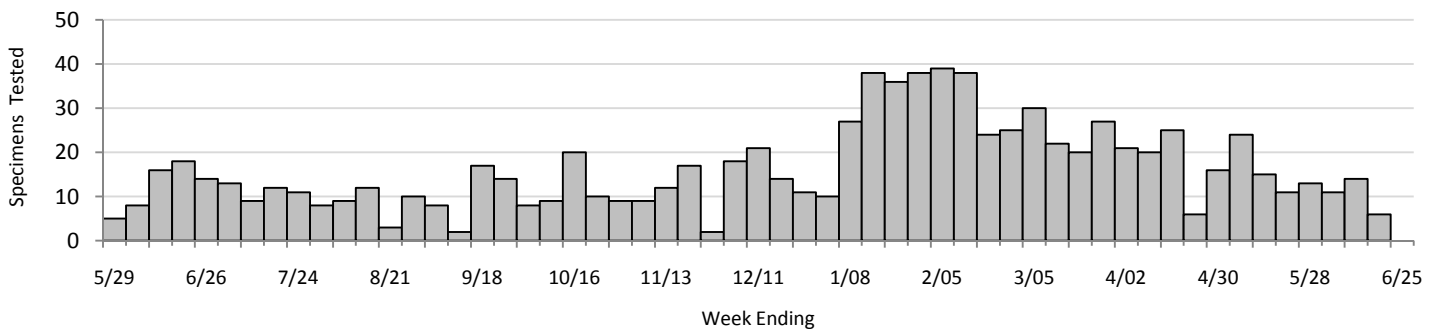
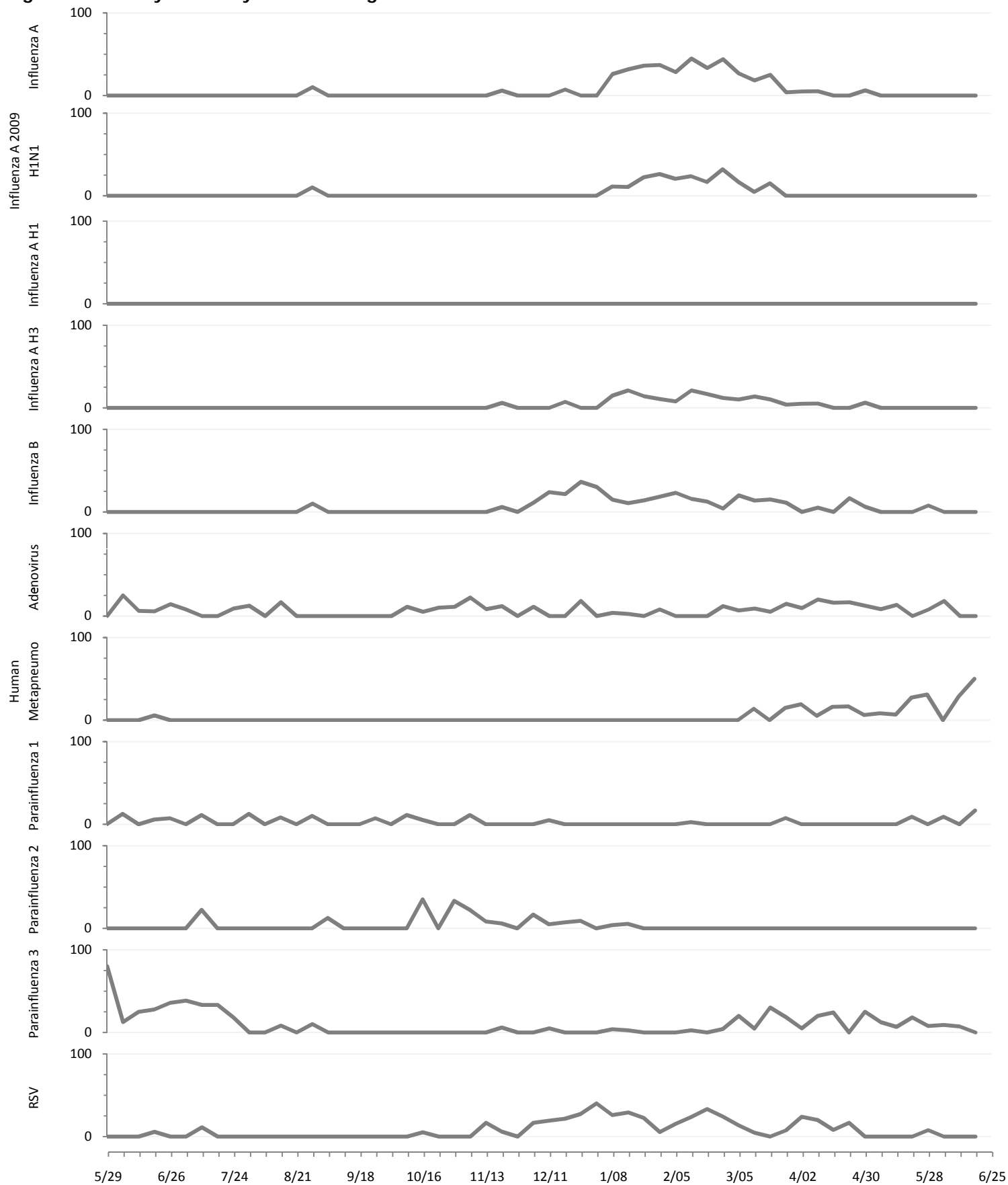


Figure 2 - Weekly Positivity Rates for Organisms Tested



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

