

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: October 20, 2010

All Reporting Sites, Through the Week Ending October 16, 2010

## General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Parainfluenza 1, Parainfluenza 2, and RSV for the week ending October 16, 2010.

Parainfluenza 2 was detected four times, and Parainfluenza 1 and RSV viruses were each detected once (Table 1). All of these viruses were detected from different patient specimens. The comparatively high number of Parainfluenza 2 detected this surveillance period may indicate the seasonal emergence of this pathogen. Parainfluenza 2 is associated with croup and upper and lower respiratory illnesses, and typically causes annual or biannual outbreaks during the fall.

Other than the observed increase in Parainfluenza 2, the current levels of activity in all other respiratory viruses that PEWSS monitor appear to be low in southern Nevada (Fig. 2).

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 the PEWSS system, please contact the SNHD Office of Epidemiology at (702) 759-1300.

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

Testing Results	Week Ending										Project to Date	
	9/18		9/25		10/2		10/9		10/16		Since 6/1/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	17	100	13	93	8	100	7	78	7	54	150	70
Influenza A Positive*	0	0	0	0	0	0	0	0	0	0	1	0
Influenza A 2009 H1N1	0	0	0	0	0	0	0	0	0	0	1	0
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	0	0
Influenza B Positive	0	0	0	0	0	0	0	0	0	0	1	0
Adenovirus Positive	0	0	0	0	0	0	1	11	0	0	12	6
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	0	0	1	7	0	0	1	11	1	8	10	5
Parainfluenza 2 Positive	0	0	0	0	0	0	0	0	4	31	7	3
Parainfluenza 3 Positive	0	0	0	0	0	0	0	0	0	0	31	14
RSV Positive	0	0	0	0	0	0	0	0	1	8	3	1
Coinfections	0	0	0	0	0	0	0	0	0	0	2	1
Specimens Tested	17		14		8		9		13		214	

\* Includes Influenza of all subtypes

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

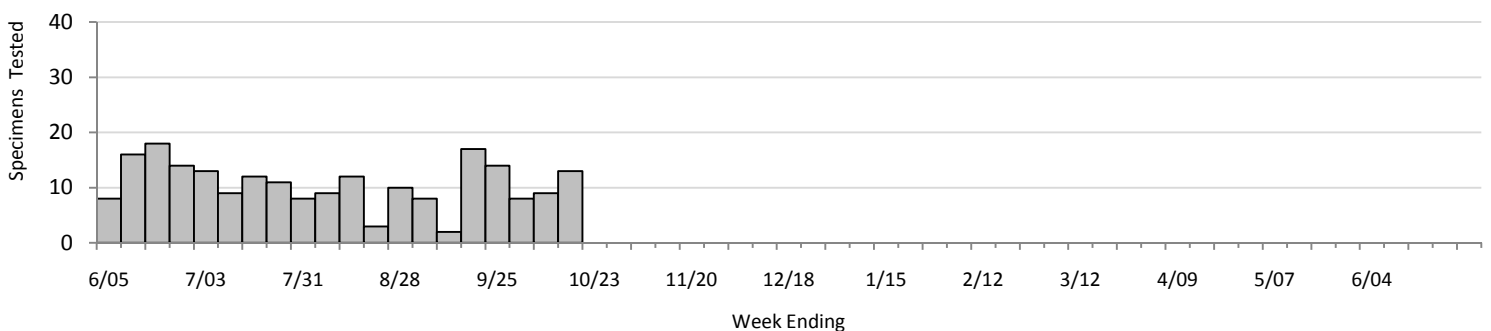


Figure 2 - Weekly Positivity Rates for Organisms Tested

