

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: November 17, 2010

All Reporting Sites, Through the Week Ending November 13, 2010

General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Adenovirus, Parainfluenza 2, and RSV for the week ending November 13, 2010. Adenovirus and Parainfluenza 2 each comprised 8%, and RSV 17%, of the total number of specimens tested (Table 1). All of these viruses were observed from different patient specimens.

A wide variety of viruses detected (Fig. 2) and the relatively low number of patients who were tested this surveillance period (Fig. 1) suggest that although there are increases in the different types of respiratory viruses circulating in the community, their levels of circulation remain low.

PEWSS has not detected Influenza A or B in southern Nevada since August 2010.

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

Testing Results	Week Ending										Project to Date	
	10/16		10/23		10/30		11/6		11/13		Since 6/1/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	10	50	9	90	5	56	4	44	8	67	179	69
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	1	5	1	10	1	11	2	22	1	8	18	7
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	1	5	0	0	0	0	1	11	0	0	11	4
Parainfluenza 2 Positive	7	35	0	0	3	33	2	22	1	8	16	6
Parainfluenza 3 Positive	0	0	0	0	0	0	0	0	0	0	31	12
RSV Positive	1	5	0	0	0	0	0	0	2	17	5	2
Coinfections	0	0	0	0	0	0	0	0	0	0	2	1
Specimens Tested	20		10		9		9		12		261	

* Includes Influenza of all subtypes

Figure 1 - Weekly Number of Specimens Tested

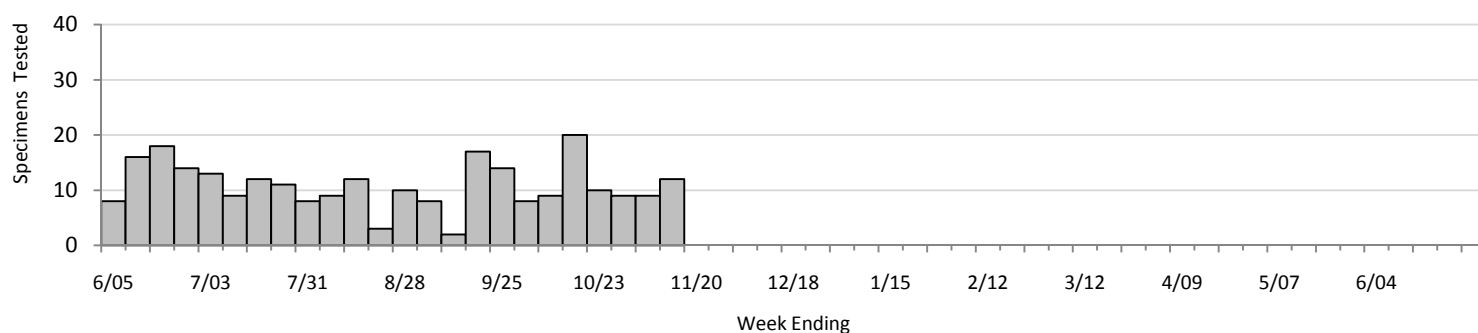


Figure 2 - Weekly Positivity Rates for Organisms Tested

