

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: November 10, 2010

All Reporting Sites, Through the Week Ending November 06, 2010

General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Adenovirus, Parainfluenza 1, and Parainfluenza 2 for the week ending November 6, 2010. Adenovirus and Parainfluenza 2 were each detected twice, and Parainfluenza 1 once (Table 1). All viruses were observed from different patient specimens.

The number of patients who meet the testing criteria remain similar to levels seen in previous weeks (Fig. 1); however, the positive laboratory test rate was 56% (Table 1) and a wide variety of viruses was detected this surveillance period (Fig. 2). Combined, these results suggest that although there is an increase in the number of respiratory viruses circulating in the community, their levels of circulation are low.

We have not detected Influenza A or B in southern Nevada in the past five weeks (Table 1).

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	
	10/9		10/16		10/23		10/30		11/6		Since 6/1/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	7	78	10	50	9	90	5	56	4	44	171	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	11	1	5	1	10	1	11	2	22	17	7
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	1	11	1	5	0	0	0	0	1	11	11	4
Parainfluenza 2 Positive	0	0	7	35	0	0	3	33	2	22	15	6
Parainfluenza 3 Positive	0	0	0	0	0	0	0	0	0	0	31	12
RSV Positive	0	0	1	5	0	0	0	0	0	0	3	1
Coinfections	0	0	0	0	0	0	0	0	0	0	2	1
Specimens Tested	9		20		10		9		9		249	

* Includes Influenza of all subtypes

Figure 1 - Weekly Number of Specimens Tested

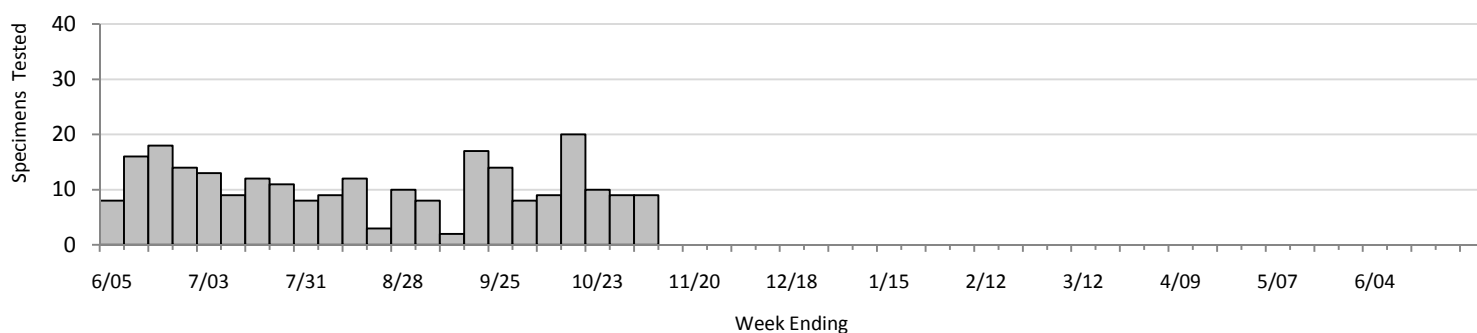


Figure 2 - Weekly Positivity Rates for Organisms Tested

