

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: October 27, 2010

All Reporting Sites, Through the Week Ending October 23, 2010

General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Adenovirus for the week ending October 23, 2010 in one patient specimen.

Parainfluenza 2, which was detected seven times in the previous week, was not detected in the most recent week (Table 1). In addition, the number of specimens submitted in the current week has returned to the levels seen in previous weeks after a one-week spike. The meaning of this one-week increase is unclear at this time.

Overall, the current levels of activity in all respiratory viruses that PEWSS monitors 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	
	9/25		10/2		10/9		10/16		10/23		Since 6/1/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	13	93	8	100	7	78	10	50	9	90	162	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	1	11	1	5	1	10	14	6
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	1	7	0	0	1	11	1	5	0	0	10	4
Parainfluenza 2 Positive	0	0	0	0	0	0	7	35	0	0	10	4
Parainfluenza 3 Positive	0	0	0	0	0	0	0	0	0	0	31	13
RSV Positive	0	0	0	0	0	0	1	5	0	0	3	1
Coinfections	0	0	0	0	0	0	0	0	0	0	2	1
Specimens Tested	14		8		9		20		10		231	

* Includes Influenza of all subtypes

Figure 1 - Weekly Number of Specimens Tested

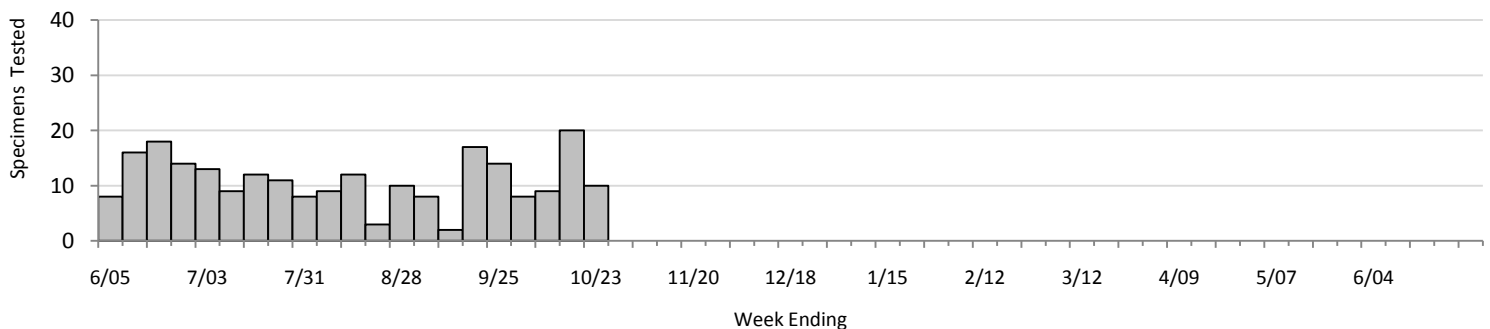


Figure 2 - Weekly Positivity Rates for Organisms Tested

