

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: December 22, 2010

All Reporting Sites, Through the Week Ending December 18, 2010

General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Influenza A, Influenza B, Human Parainfluenza Virus 1 and RSV for the week ending December 18, 2010.

Influenza B was detected in 21% of patient specimens submitted, similar to the previous week (Table 1). Influenza A was detected in one patient specimen, and was identified as Influenza A H3. Antigenic characterization performed by the Centers for Disease Control and Prevention on specimens collected throughout the United States indicates that the influenza A H3 and B strains circulating nationwide are those that are contained in the 2010-2011 vaccine. Although the Influenza A 2009H1N1 virus has been identified in a small percentage of specimens nationwide, it has not been identified by the PEWSS system as circulating locally.

RSV and Parainfluenza 2 continue to circulate in the community, and were identified as frequently as in the previous week.

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	
	11/20		11/27		12/4		12/11		12/18		Since 6/1/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	10	59	2	100	8	44	9	43	6	43	214	64
Influenza A Positive*	1	6	0	0	0	0	0	0	1	7	3	1
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	1	6	0	0	0	0	0	0	1	7	2	1
Influenza B Positive	1	6	0	0	2	11	5	24	3	21	12	4
Adenovirus Positive	2	12	0	0	2	11	0	0	0	0	22	7
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	0	0	0	0	0	0	1	5	0	0	12	4
Parainfluenza 2 Positive	1	6	0	0	3	17	1	5	1	7	22	7
Parainfluenza 3 Positive	1	6	0	0	0	0	1	5	0	0	33	10
RSV Positive	1	6	0	0	3	17	4	19	3	21	16	5
Coinfections	0	0	0	0	0	0	0	0	0	0	2	1
Specimens Tested	17		2		18		21		14		333	

* Includes Influenza of all subtypes

Figure 1 - Weekly Number of Specimens Tested

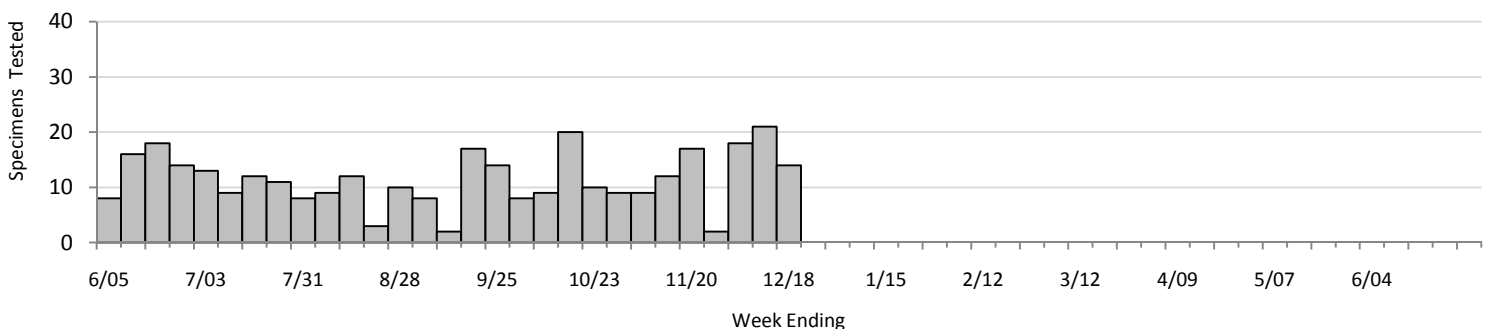


Figure 2 - Weekly Positivity Rates for Organisms Tested

