## SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: January 25, 2012

All Reporting Sites, Through the Week Ending January 21, 2012

The PEWSS reports are disseminated weekly 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.

## **General Update**

During the week ending January 21, 2012, the following viruses were identified through PEWSS with a high volume of testing (Fig. 1): Influenza A, Adenovirus, Human Metapneumovirus and RSV.

Over the past five weeks (Tables 1 & 2), the following were identified in the community through PEWSS:

RSV has been circulating at high levels.

Adenovirus has been circulating at low levels.

Influenza A, Human Metapneumovirus and Parainfluenza 1 have been sporadically identified.

Influenza B, Parainfluenza 2 and Parainfluenza 3 have not been identified.

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

		12/24		12/31		1/7		1/14		/21	Interpretation	
PCR Testing Results	n	%	n	%	n	%	n	%	n	%	For Past 5 Weeks	
All negative	9	60%	3	50%	6	50%	10	53%	10	38%		
Influenza A Positive	0	0%	0	0%	0	0%	0	0%	3	12%	Sporadic	
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected	
Adenovirus Positive	4	27%	0	0%	2	17%	1	5%	1	4%	Low	
Human Metapneumovirus Positive	0	0%	0	0%	3	25%	4	21%	5	19%	Sporadic	
Parainfluenza 1 Positive	1	7%	0	0%	0	0%	0	0%	0	0%	Sporadic	
Parainfluenza 2 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected	
Parainfluenza 3 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected	
RSV Positive	1	7%	3	50%	1	8%	4	21%	7	27%	High	
Coinfections	0	0%	0	0%	0	0%	0	0%	0	0%		
Specimens Tested	15	-	6	-	12	-	19	-	26	-	High Volume	

Table 2 - Influenza A Typing, Current Week and Previous Four Weeks

7. 0.	Week Ending											
		12/24		12/31		1/7		1/14		/21	5-Week Totals	
Influenza A Typing (% of influenza A)	n	%	n	%	n	%	n	%	n	%	n	%
Influenza A 2009 H1N1	0	-	0	-	0	-	0	-	0	0%	0	0%
Influenza A H1	0	-	0	-	0	-	0	-	0	0%	0	0%
Influenza A H3	0	_	0	-	0	-	0	_	3	100%	3	100%

Figure 1 - Weekly Number of Specimens Tested

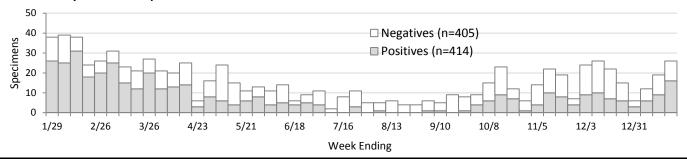


Figure 2. Weekly Positive Counts for Organisms Tested 20 Influenza A Positives □ A H3 10 ■ A 2009 H1N1 0 20 Influenza B Positives 10 0 10 Adeno Positives 0 10 HMPV Positives 0 10 Paraflu 1 Positives 10 Paraflu 2 Positives 10 Paraflu 3 Positives 0 20 RSV Positives 10 0 2/26 3/26 4/23 5/21 6/18 7/16 8/13 9/10 10/8 11/5 12/3 1/29 12/31

**Other News and Information** 

Influenza A 2009 H1N1 was detected in a hospitalized patient during this surveillance period by the SNHD Hospital Early Warning Sentinel Surveillance (HEWSS) program.

Week Ending Date (2011-2012)

Medical practices that specialize in pediatric patients are encouraged to participate as sentinel sites in the PEWSS program. There is no cost to participate. If you are interested in becoming a PEWSS sentinel site, please call the Office of Epidemiology at 702.759.1299.