

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: January 18, 2012

All Reporting Sites, Through the Week Ending January 14, 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 14, 2012, the following viruses were identified through PEWSS with a moderate volume of testing (Fig. 1): Adenovirus, Human Metapneumovirus and RSV.

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

PCR Testing Results	Week Ending										Interpretation For Past 5 Weeks
	12/17		12/24		12/31		1/7		1/14		
	n	%	n	%	n	%	n	%	n	%	
All negative	15	68%	9	60%	3	50%	6	50%	10	53%	Sporadic Not Detected Low Sporadic Sporadic Not Detected Not Detected Low
Influenza A Positive	2	9%	0	0%	0	0%	0	0%	0	0%	
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Adenovirus Positive	2	9%	4	27%	0	0%	2	17%	1	5%	
Human Metapneumovirus Positive	1	5%	0	0%	0	0%	3	25%	4	21%	
Parainfluenza 1 Positive	2	9%	1	7%	0	0%	0	0%	0	0%	
Parainfluenza 2 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 3 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
RSV Positive	0	0%	1	7%	3	50%	1	8%	4	21%	
Coinfections	0	0%	0	0%	0	0%	0	0%	0	0%	
Specimens Tested	22	-	15	-	6	-	12	-	19	-	Moderate Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	12/17		12/24		12/31		1/7		1/14		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	2	100%	0	-	0	-	0	-	0	-	2	100%

Figure 1 - Weekly Number of Specimens Tested

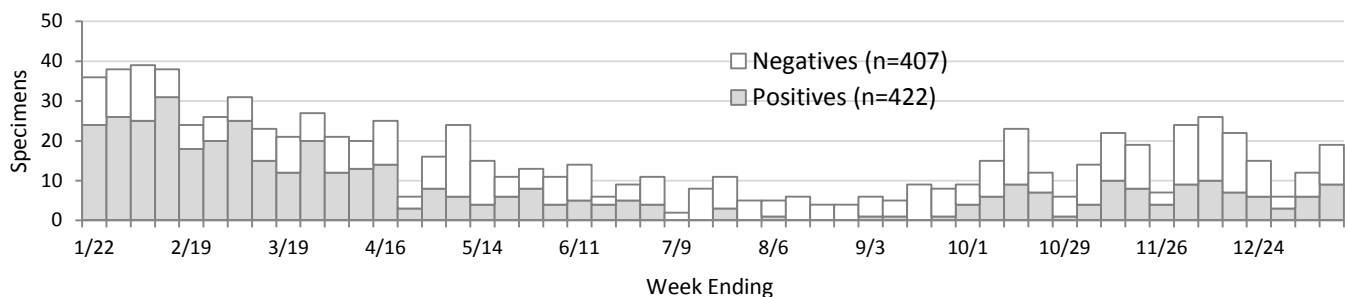
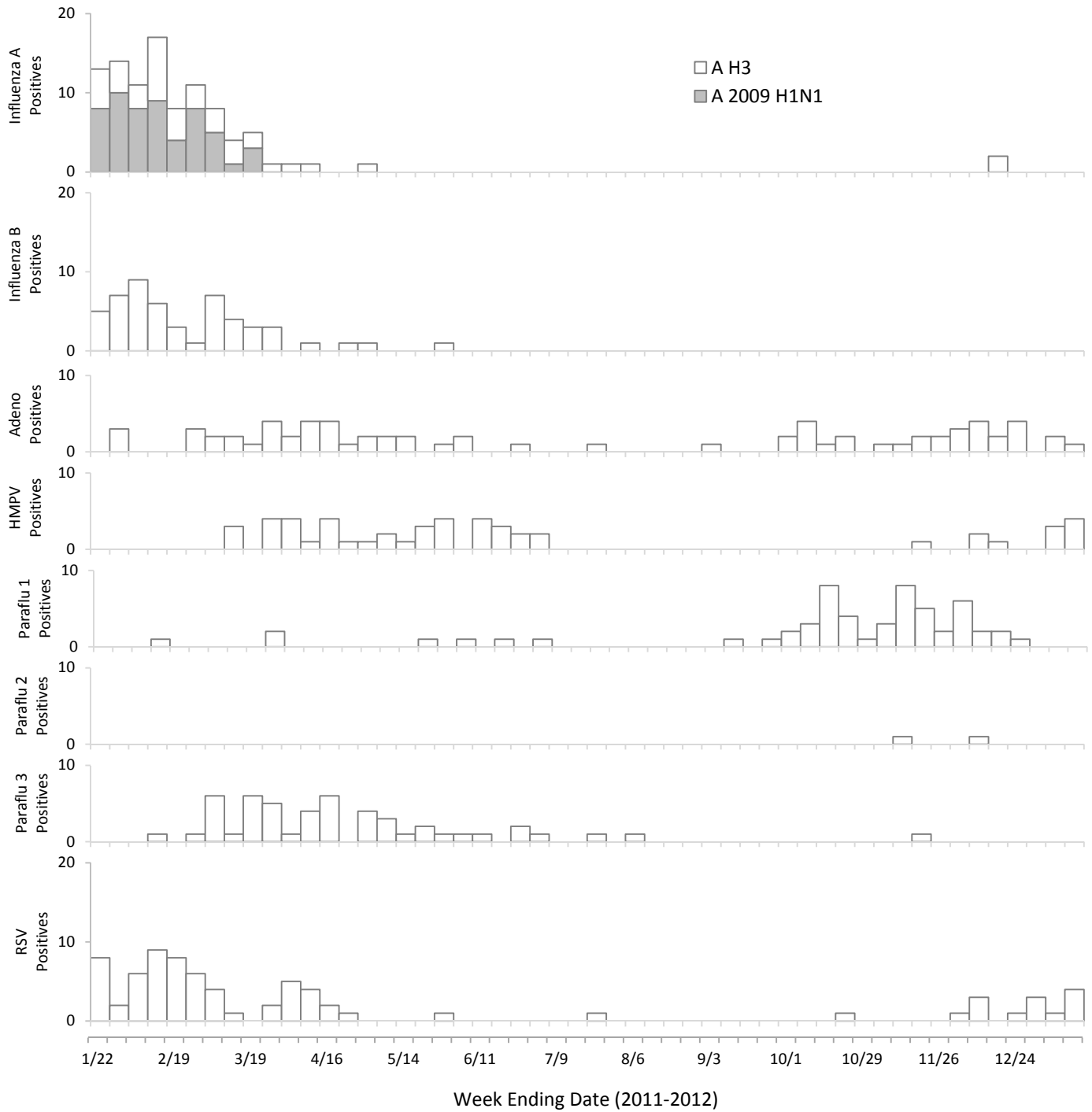


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

The SNHD is evaluating medical practices that specialize in pediatric patients to participate in the PEWSS program. Sentinel sites are crucial components of the PEWSS program, and 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.