

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: December 04, 2013

All Sentinel Sites, Through the Week Ending November 30, 2013

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 Linh Nguyen, PhD, MPH at the SNHD Office of Epidemiology at 702.759.1300.

## General Update

During the week ending November 30, 2013, the following virus was identified through PEWSS with a low volume of testing (Fig. 1): Parainfluenza 1.

Over the past five weeks (Tables 1 & 2), the following were identified in the community through PEWSS: Parainfluenza 1 has been circulating at low levels.

Influenza A, Adenovirus, Human Metapneumovirus and RSV 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										Past 5 Weeks Circulation Levels
	11/2		11/9		11/16		11/23		11/30		
	n	%	n	%	n	%	n	%	n	%	
All negative	1	50%	7	54%	6	67%	5	42%	3	75%	
Influenza A Positive	0	0%	0	0%	0	0%	1	8%	0	0%	Sporadic
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Adenovirus Positive	0	0%	1	8%	0	0%	0	0%	0	0%	Sporadic
Human Metapneumovirus Positive	1	50%	0	0%	0	0%	0	0%	0	0%	Sporadic
Parainfluenza 1 Positive	0	0%	4	31%	3	33%	3	25%	1	25%	Low
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	0	0%	1	8%	0	0%	3	25%	0	0%	Sporadic
Co-infections	0	0%	0	0%	0	0%	0	0%	0	0%	
Specimens Tested	2	-	13	-	9	-	12	-	4	-	Low Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	11/2		11/9		11/16		11/23		11/30			
	n	%	n	%	n	%	n	%	n	%		
Influenza A 2009 H1N1	0	-	0	-	0	-	1	100%	0	-	1	100%
Influenza A H1	0	-	0	-	0	-	0	0%	0	-	0	0%
Influenza A H3	0	-	0	-	0	-	0	0%	0	-	0	0%

**Figure 1 - Weekly Number of Specimens Tested**

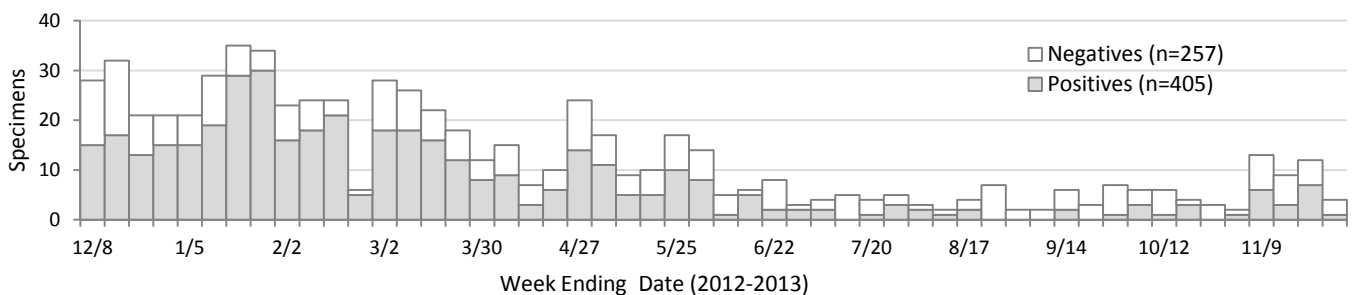
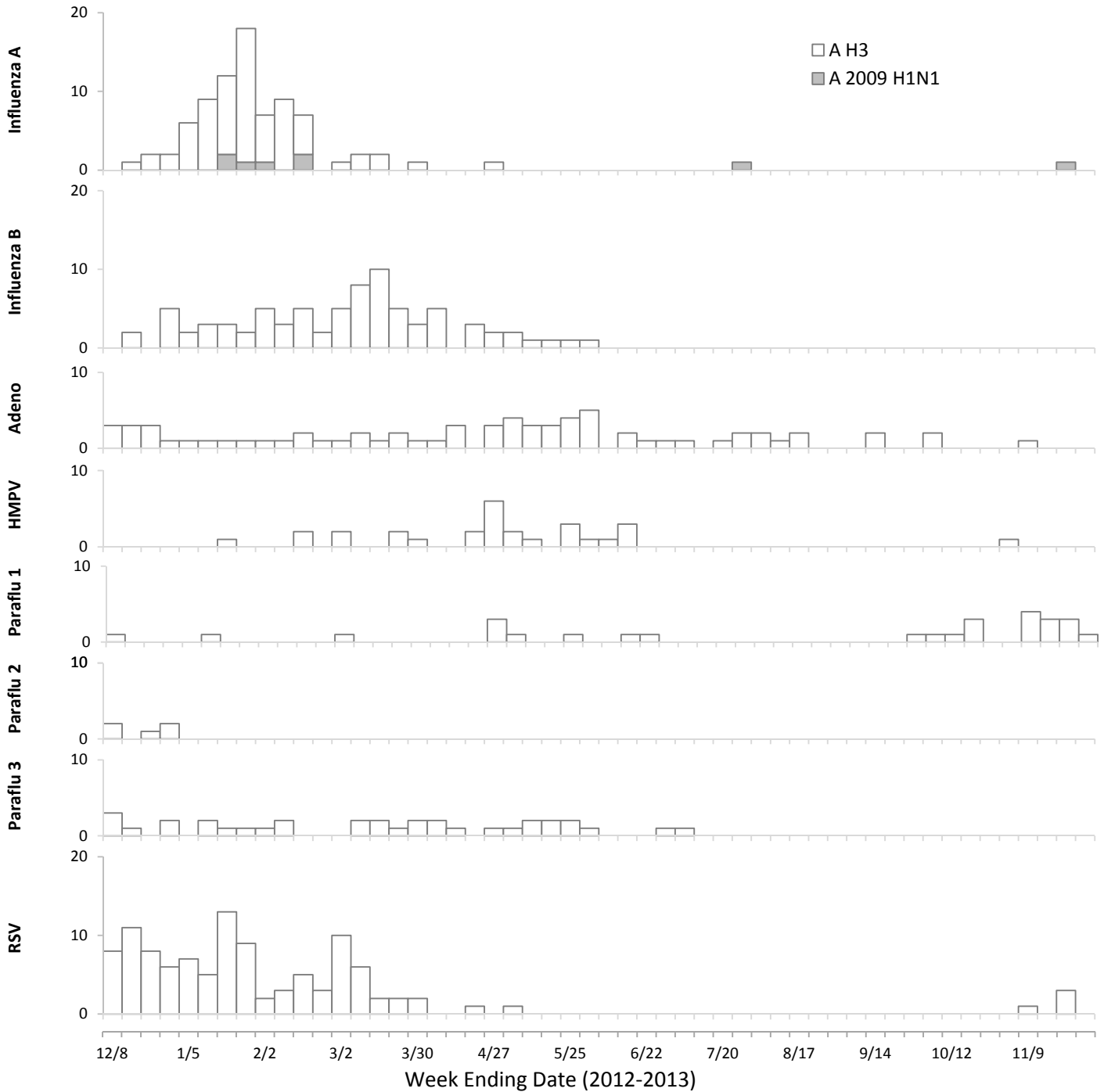


Figure 2. Weekly Positive Counts for Organisms Tested



**Other News and Information**

Human parainfluenza virus-1 (HPIV-1) has been detected frequently in the past two months in Southern Nevada (Table 1; Fig. 2). HPIV-1 is most often associated with croup (laryngotracheobronchitis) in children.