

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: July 05, 2012

All Reporting Sites, Through the Week Ending June 30, 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 June 30, 2012, the following viruses were identified through PEWSS with a moderate volume of testing (Fig. 1): Influenza B, Adenovirus and Parainfluenza 3.

Over the past five weeks (Tables 1 & 2), the following were identified in the community through PEWSS: Influenza B and Adenovirus have been circulating at low levels.

Influenza A, Human Metapneumovirus, Parainfluenza 2, Parainfluenza 3 and RSV have been sporadically identified. Parainfluenza 1 has not been identified.

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

PCR Testing Results	Week Ending										Past 5 Weeks Circulation Levels
	6/2		6/9		6/16		6/23		6/30		
	n	%	n	%	n	%	n	%	n	%	
All negative	8	67%	8	67%	6	35%	5	42%	6	46%	Sporadic Low Low Sporadic Not Detected Sporadic Sporadic Sporadic
Influenza A Positive	1	8%	0	0%	0	0%	2	17%	0	0%	
Influenza B Positive	3	25%	1	8%	5	29%	0	0%	5	38%	
Adenovirus Positive	0	0%	3	25%	2	12%	1	8%	2	15%	
Human Metapneumovirus Positive	0	0%	0	0%	1	6%	0	0%	0	0%	
Parainfluenza 1 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 2 Positive	0	0%	0	0%	1	6%	1	8%	0	0%	
Parainfluenza 3 Positive	0	0%	0	0%	2	12%	3	25%	1	8%	
RSV Positive	1	8%	0	0%	0	0%	0	0%	0	0%	
Co-infections	1	8%	0	0%	0	0%	0	0%	1	8%	
Specimens Tested	12	-	12	-	17	-	12	-	13	-	Moderate Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	6/2		6/9		6/16		6/23		6/30		n	%
	n	%	n	%	n	%	n	%	n	%		
Influenza A 2009 H1N1	0	0%	0	-	0	-	0	0%	0	-	0	0%
Influenza A H1	0	0%	0	-	0	-	0	0%	0	-	0	0%
Influenza A H3	1	100%	0	-	0	-	2	100%	0	-	3	100%

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

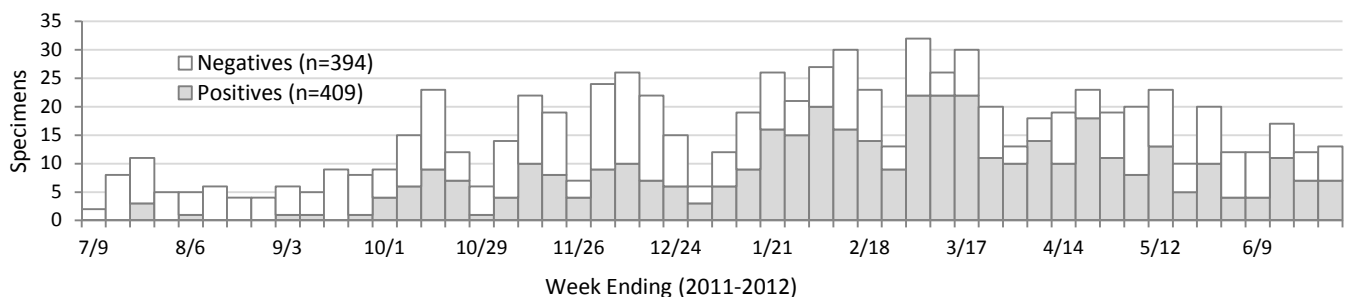
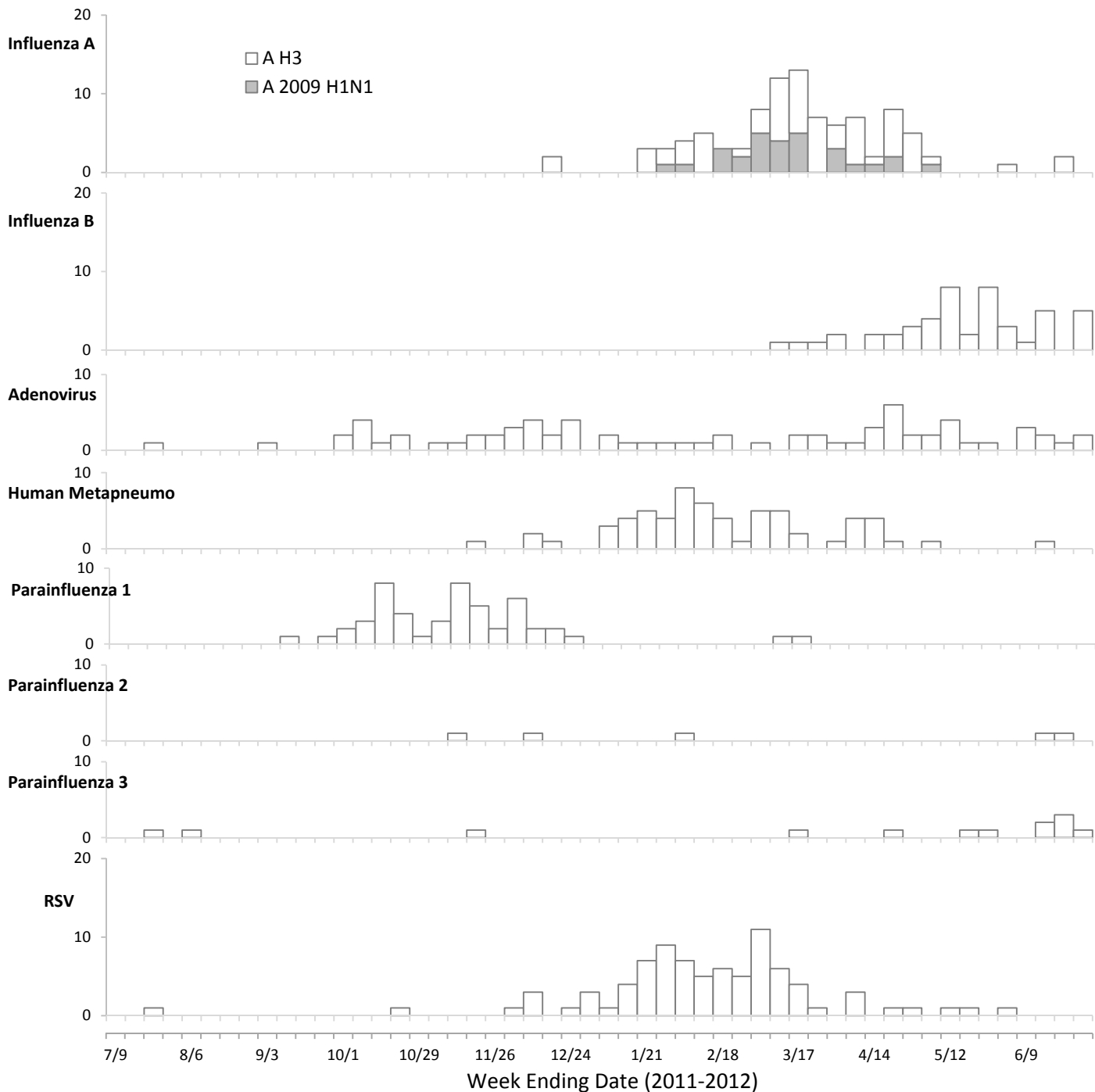


Figure 2. Weekly Positive Counts for Organisms Tested



**Other News and Information**

Influenza B continues to circulate in Southern Nevada (Table 1; Fig. 2). Nationally, the Centers for Disease Control and Prevention are also reporting influenza B in respiratory specimens that have been tested for influenza.