

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: June 27, 2012

All Reporting Sites, Through the Week Ending June 23, 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 23, 2012, the following viruses were identified through PEWSS with a low volume of testing (Fig. 1): Influenza A, Adenovirus, Parainfluenza 2 and Parainfluenza 3.

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

Adenovirus has 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
	5/26		6/2		6/9		6/16		6/23		
	n	%	n	%	n	%	n	%	n	%	
All negative	10	50%	8	67%	8	67%	6	35%	5	42%	Sporadic High Low Sporadic Not Detected Sporadic Sporadic Sporadic Low Volume
Influenza A Positive	0	0%	1	8%	0	0%	0	0%	2	17%	
Influenza B Positive	8	40%	3	25%	1	8%	5	29%	0	0%	
Adenovirus Positive	1	5%	0	0%	3	25%	2	12%	1	8%	
Human Metapneumovirus Positive	0	0%	0	0%	0	0%	1	6%	0	0%	
Parainfluenza 1 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 2 Positive	0	0%	0	0%	0	0%	1	6%	1	8%	
Parainfluenza 3 Positive	1	5%	0	0%	0	0%	2	12%	3	25%	
RSV Positive	0	0%	1	8%	0	0%	0	0%	0	0%	
Co-infections	0	0%	1	8%	0	0%	0	0%	0	0%	
Specimens Tested	20	-	12	-	12	-	17	-	12	-	

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	5/26		6/2		6/9		6/16		6/23		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	0	-	1	100%	0	-	0	-	2	100%	3	100%

Figure 1 - Weekly Number of Specimens Tested

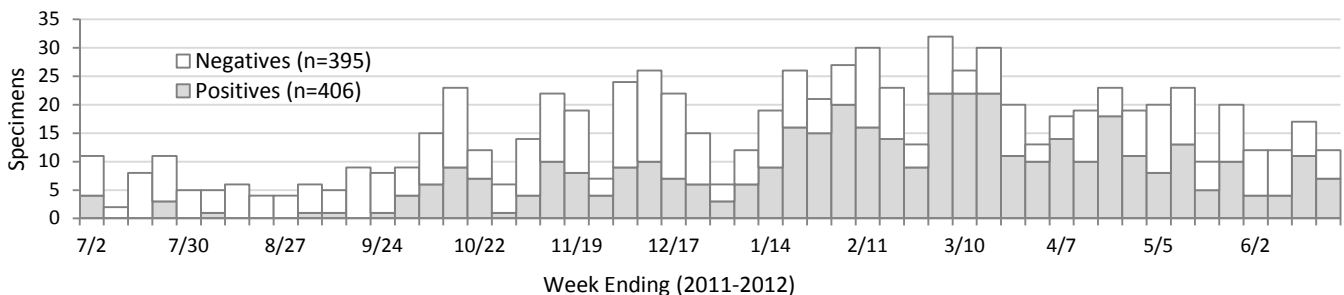
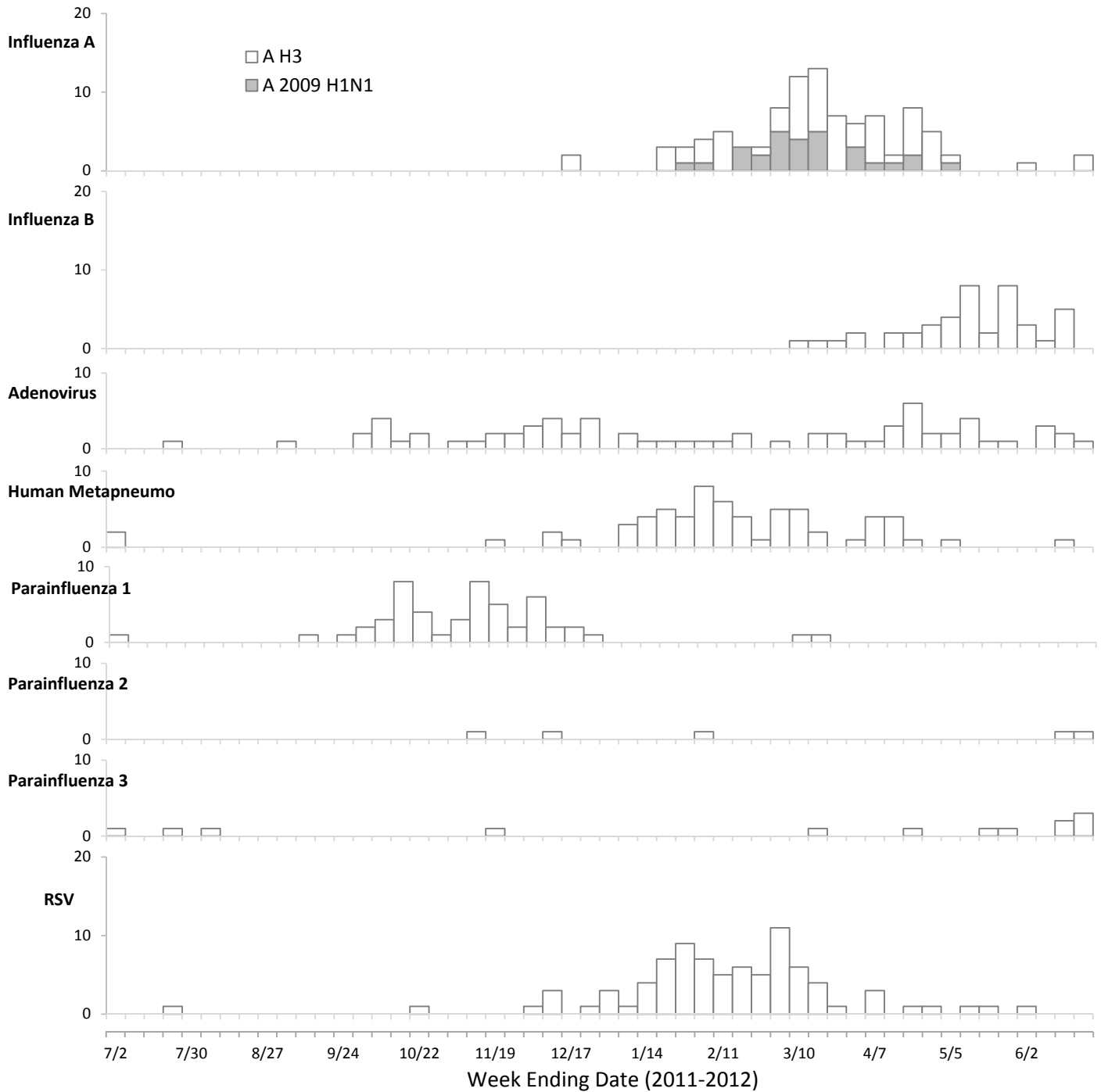


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

Although influenza B has been circulating at a high level in Southern Nevada, it was not detected during the most recent surveillance period (Table 1; Fig. 2).