

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

All Reporting Sites, Through the Week Ending July 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 July 21, 2012, the following viruses were identified through PEWSS with a moderate volume of testing (Fig. 1): Influenza A, Adenovirus and Parainfluenza 3.

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

Parainfluenza 3 has been circulating at high levels.

Influenza A and Adenovirus have been circulating at low levels.

Influenza B and Parainfluenza 2 have been sporadically identified.

Human Metapneumovirus, Parainfluenza 1 and RSV have not been identified.

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

PCR Testing Results	Week Ending										Past 5 Weeks Circulation Levels
	6/23		6/30		7/7		7/14		7/21		
	n	%	n	%	n	%	n	%	n	%	
All negative	5	42%	6	46%	8	62%	8	42%	8	42%	Low Sporadic Low Not Detected Not Detected Sporadic High Not Detected Moderate Volume
Influenza A Positive	2	17%	0	0%	1	8%	1	5%	1	5%	
Influenza B Positive	0	0%	5	38%	0	0%	0	0%	0	0%	
Adenovirus Positive	1	8%	2	15%	2	15%	5	26%	5	26%	
Human Metapneumovirus Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 1 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 2 Positive	1	8%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 3 Positive	3	25%	1	8%	2	15%	7	37%	7	37%	
RSV Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Co-infections	0	0%	1	8%	0	0%	2	11%	2	11%	
Specimens Tested	12	-	13	-	13	-	19	-	19	-	

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	6/23		6/30		7/7		7/14		7/21		n	%
	n	%	n	%	n	%	n	%	n	%		
Influenza A 2009 H1N1	0	0%	0	-	0	0%	0	0%	0	0%	0	0%
Influenza A H1	0	0%	0	-	0	0%	0	0%	0	0%	0	0%
Influenza A H3	2	100%	0	-	1	100%	1	100%	1	100%	5	100%

Figure 1 - Weekly Number of Specimens Tested

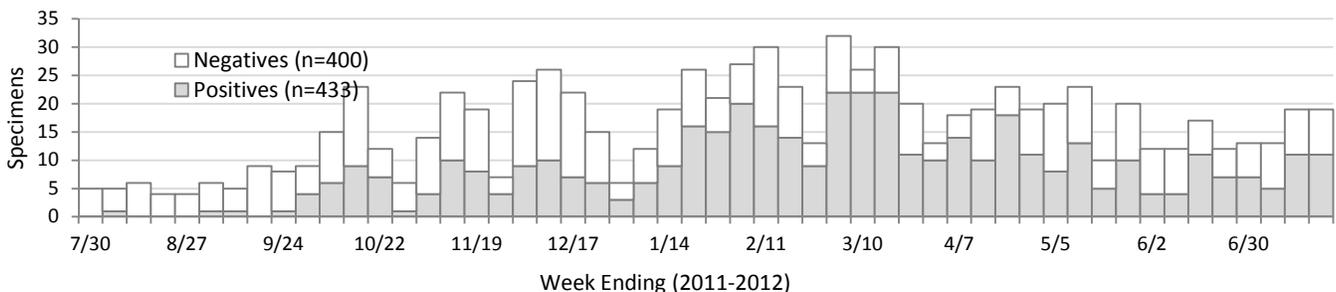
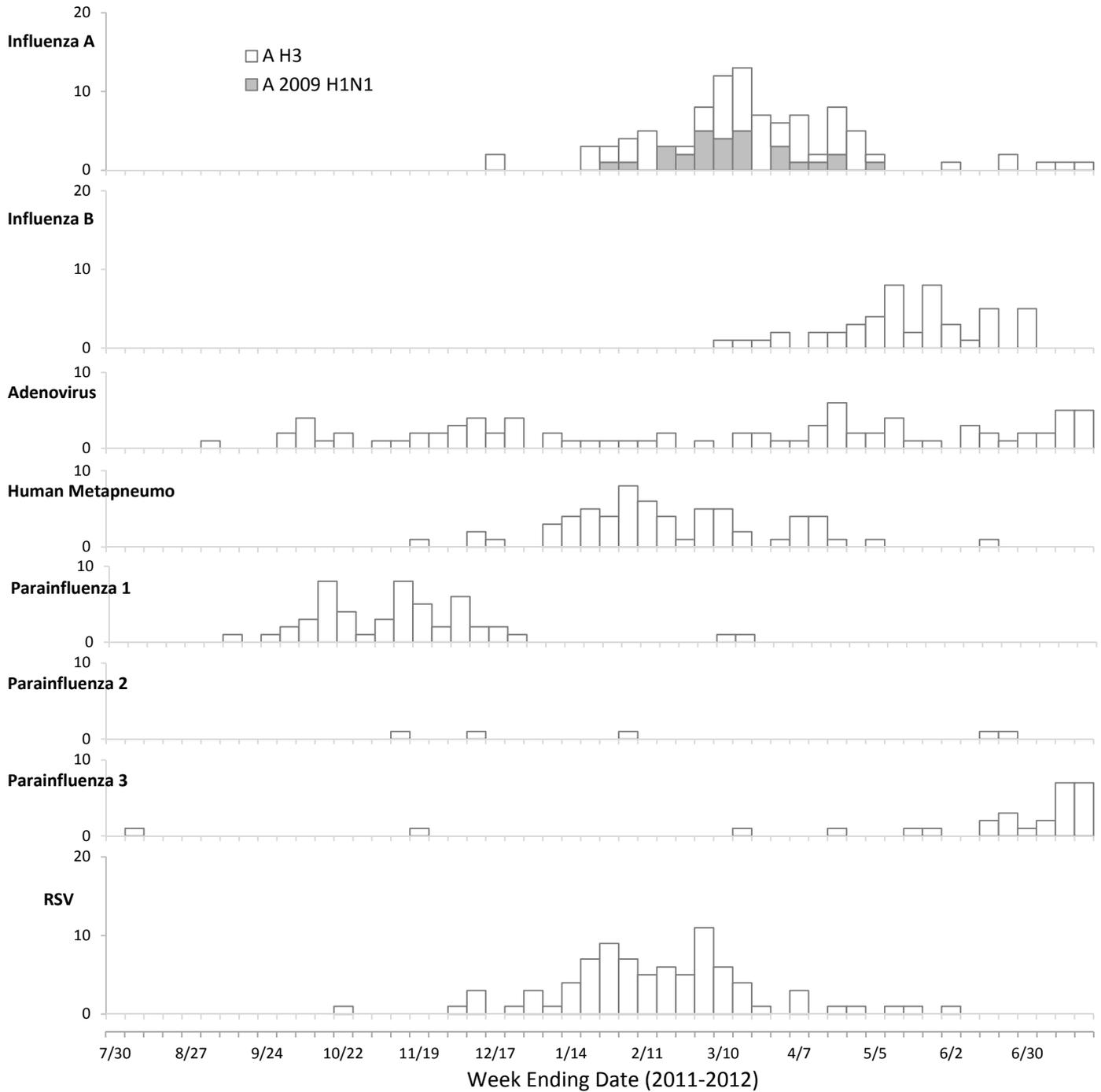


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

