

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: June 12, 2013

All Sentinel Sites, Through the Week Ending June 08, 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 at the SNHD Office of Epidemiology at 702.759.1300.

General Update

During the week ending June 08, 2013, the following virus was identified through PEWSS with a low volume of testing (Fig. 1): Human Metapneumovirus.

Over the past five weeks (Tables 1 & 2), the following were identified in the community through PEWSS: Influenza B, Adenovirus, Human Metapneumovirus and Parainfluenza 3 have been circulating at low levels. Parainfluenza 1 has been sporadically identified. Influenza A, Parainfluenza 2 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
	5/11		5/18		5/25		6/1		6/8		
	n	%	n	%	n	%	n	%	n	%	
All negative	4	44%	5	50%	7	41%	6	43%	4	80%	
Influenza A Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Influenza B Positive	1	11%	1	10%	1	6%	1	7%	0	0%	Low
Adenovirus Positive	3	33%	3	30%	4	24%	5	36%	0	0%	Low
Human Metapneumovirus Positive	1	11%	0	0%	3	18%	1	7%	1	20%	Low
Parainfluenza 1 Positive	0	0%	0	0%	1	6%	0	0%	0	0%	Sporadic
Parainfluenza 2 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Parainfluenza 3 Positive	2	22%	2	20%	2	12%	1	7%	0	0%	Low
RSV Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Co-infections	1	11%	1	10%	1	6%	0	0%	0	0%	
Specimens Tested	9	-	10	-	17	-	14	-	5	-	Low Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	5/11		5/18		5/25		6/1		6/8			
	n	%	n	%	n	%	n	%	n	%		
Influenza A 2009 H1N1	0	-	0	-	0	-	0	-	0	-	0	-
Influenza A H1	0	-	0	-	0	-	0	-	0	-	0	-
Influenza A H3	0	-	0	-	0	-	0	-	0	-	0	-

Figure 1 - Weekly Number of Specimens Tested

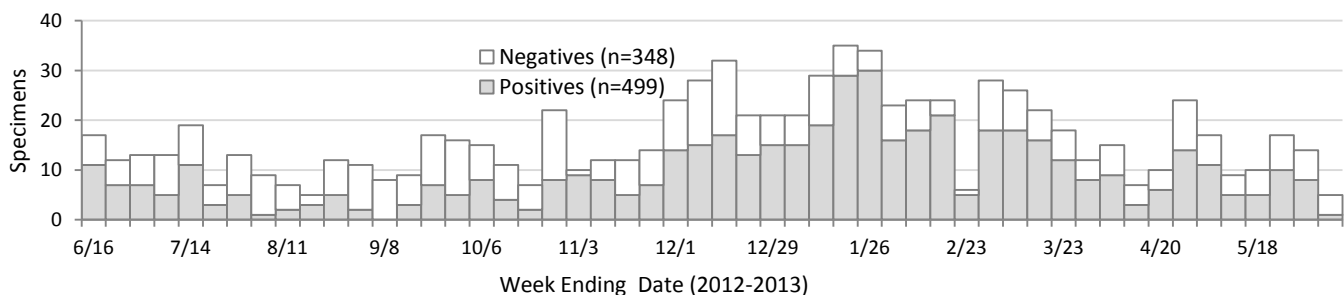
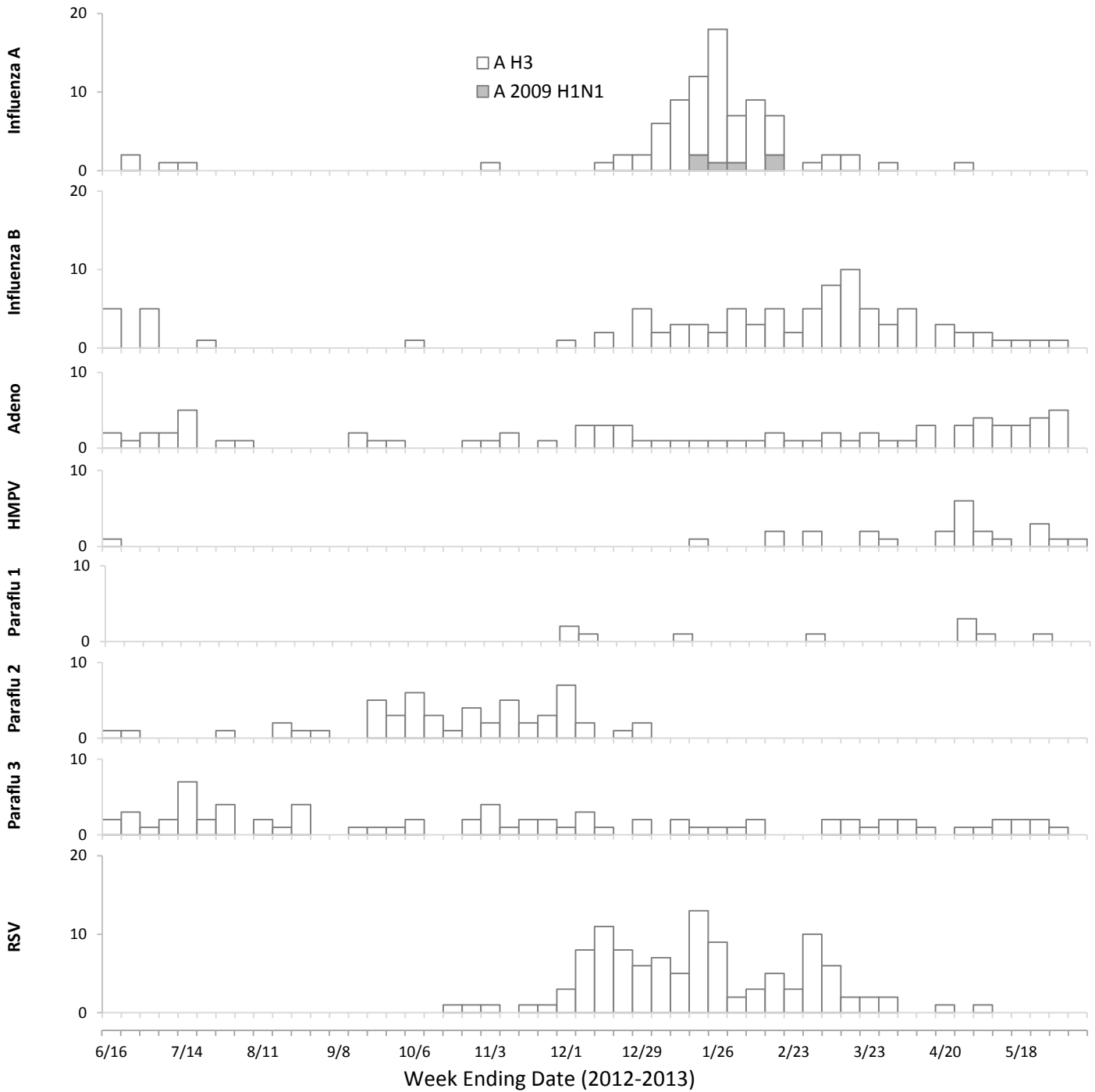


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

Adenovirus circulates at varying levels in Southern Nevada year round (Fig. 2). With no cases reported within the past reporting week, Adenovirus has dropped to a low level circulation within the community (Table 1).

No cases of Influenza B have been reported during the past reporting week (Fig. 2).