

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: September 11, 2013

All Sentinel Sites, Through the Week Ending September 07, 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 September 07, 2013, no viruses were identified through PEWSS with a low volume of testing (Fig. 1)

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

Influenza A, Influenza B, Human Metapneumovirus, Parainfluenza 1, Parainfluenza 2, Parainfluenza 3 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
	8/10		8/17		8/24		8/31		9/7		
	n	%	n	%	n	%	n	%	n	%	
All negative	1	50%	2	50%	7	100%	2	100%	2	100%	
Influenza A Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Adenovirus Positive	1	50%	2	50%	0	0%	0	0%	0	0%	Sporadic
Human Metapneumovirus Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Parainfluenza 1 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
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%	0	0%	0	0%	0	0%	0	0%	Not Detected
Co-infections	0	0%	0	0%	0	0%	0	0%	0	0%	
Specimens Tested	2	-	4	-	7	-	2	-	2	-	Low Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	8/10		8/17		8/24		8/31		9/7			
	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

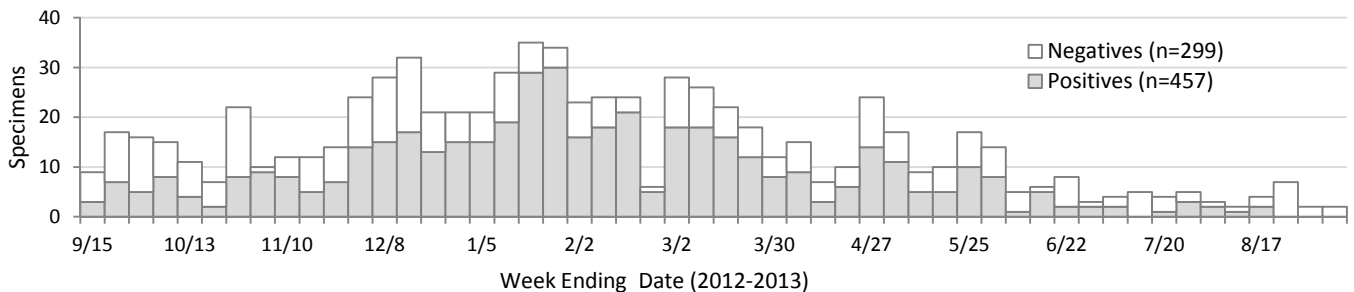
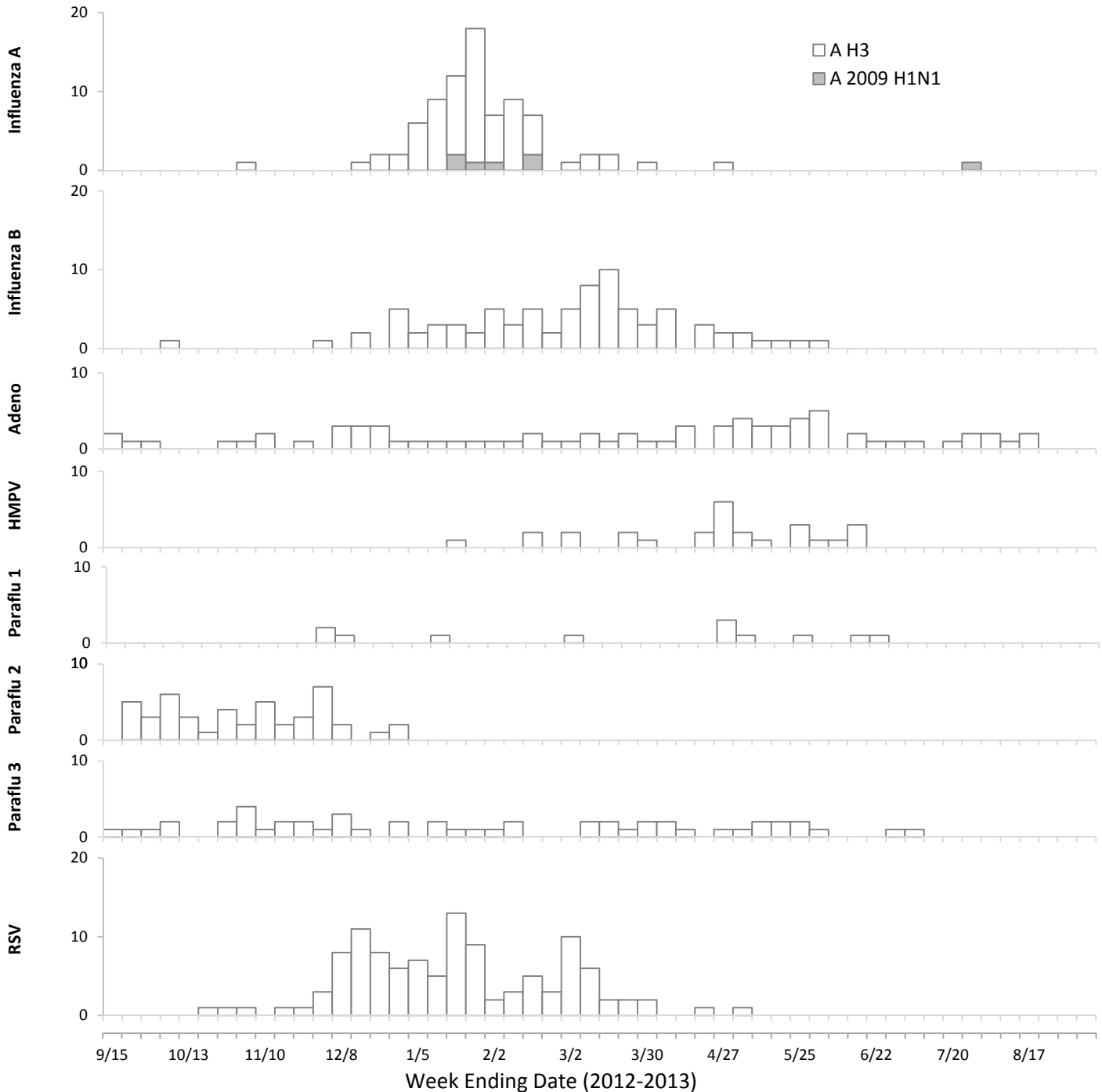


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

Influenza vaccines are designed to protect against flu viruses that experts predict will be the most common during the upcoming season. Generally, 3 types of flu viruses are included in the annual trivalent vaccine: Influenza A (H1N1) viruses, influenza A (H3N2) viruses, and influenza B viruses. However, the 2013-2014 quadrivalent flu vaccine will contain an additional flu B virus to guard against 4 flu strains rather than the usual 3.

The Southern Nevada Health District (SNHD) will start to offer the 2013-2014 quadrivalent annual influenza vaccine on September 23, 2013. Information regarding the SNHD immunization clinic locations, services, hours, and fees are located at <http://www.southernnevadahealthdistrict.org/immunizations/index.php>