

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: October 02, 2013

All Sentinel Sites, Through the Week Ending September 28, 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 28, 2013, the following virus was identified through PEWSS with a low volume of testing (Fig. 1): Parainfluenza 1.

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

Influenza A, Influenza B, Human Metapneumovirus, 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
	8/31		9/7		9/14		9/21		9/28		
	n	%	n	%	n	%	n	%	n	%	
All negative	2	100%	2	100%	4	67%	3	100%	6	86%	
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	0	0%	0	0%	2	33%	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%	1	14%	Sporadic
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	-	2	-	6	-	3	-	7	-	Low Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	8/31		9/7		9/14		9/21		9/28			
	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

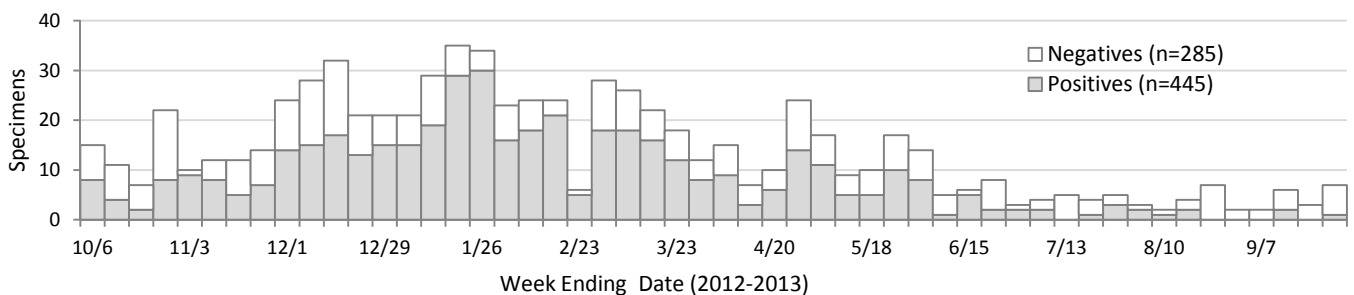
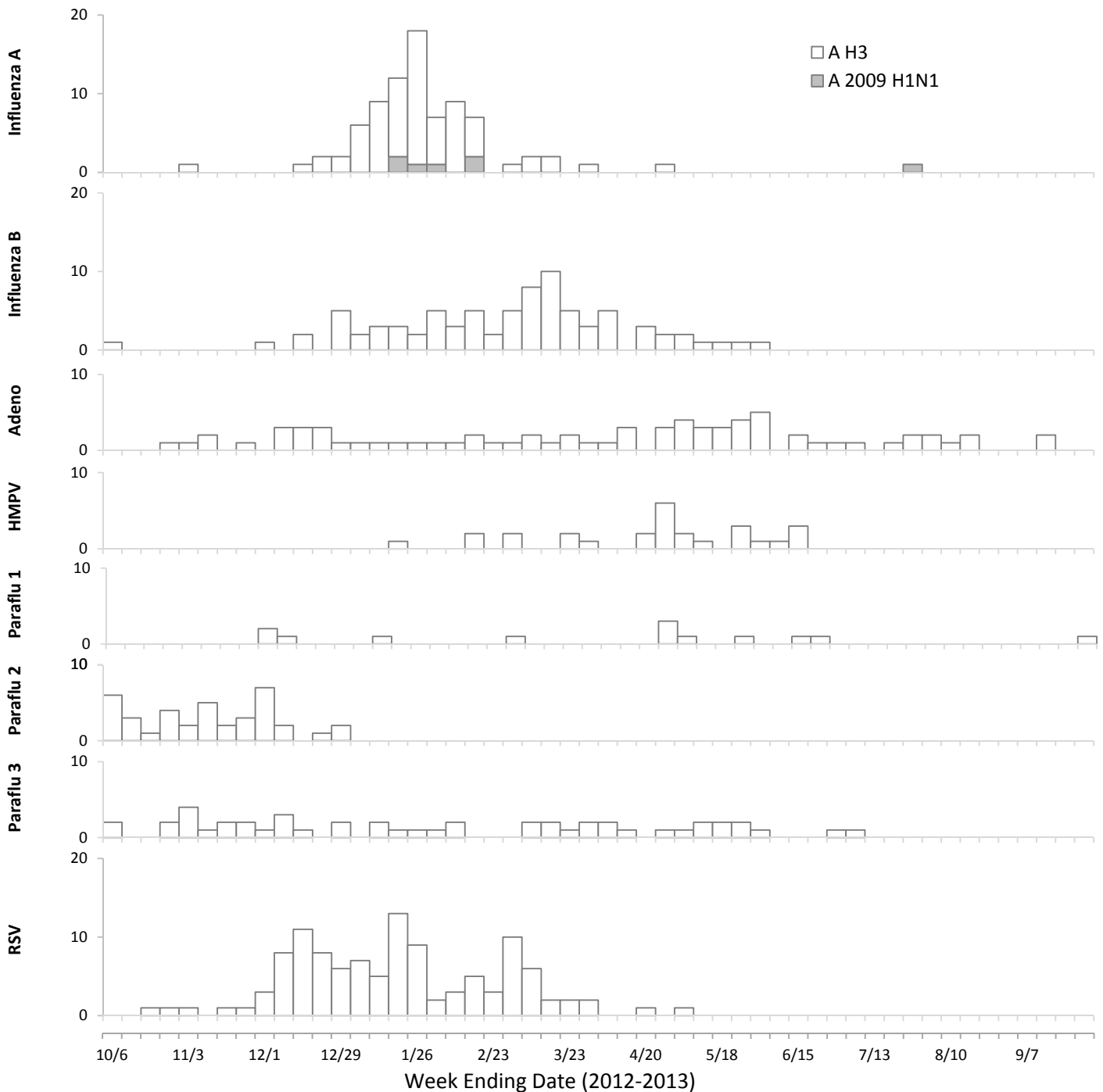


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

In general, health-care providers should begin offering vaccination soon after flu vaccine becomes available.

All Southern Nevada Health District (SNHD) locations are currently offering the newly available quadrivalent flu vaccine, which protects against 4 strains of the flu. The quadrivalent flu vaccine is available for adults for \$40, and the quadrivalent inhaled vaccine is available for healthy children and adults between the ages of 2 and 49 for \$43. The traditional trivalent 3-strain injectable vaccine is available for children between the ages of 6 and 35 months who qualify for the Vaccines for Children program. For more information, contact the health district’s immunization clinic at (702) 759-0850 or visit www.SNHD.info.