

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: October 30, 2013

All Sentinel Sites, Through the Week Ending October 26, 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 October 26, 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:

Parainfluenza 1 has been circulating at low levels.

Adenovirus has 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
	9/28		10/5		10/12		10/19		10/26		
	n	%	n	%	n	%	n	%	n	%	
All negative	6	86%	3	50%	5	83%	1	25%	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	0	0%	2	33%	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	1	14%	1	17%	1	17%	3	75%	0	0%	Low
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	7	-	6	-	6	-	4	-	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	
	9/28		10/5		10/12		10/19		10/26			
	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

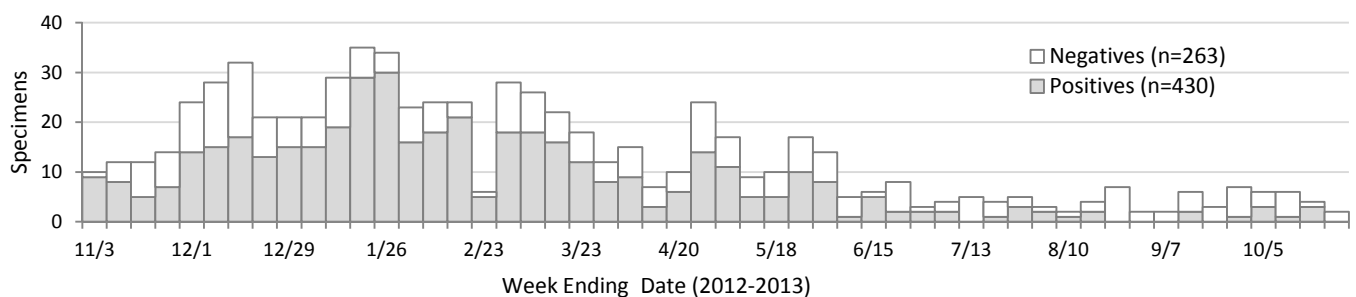
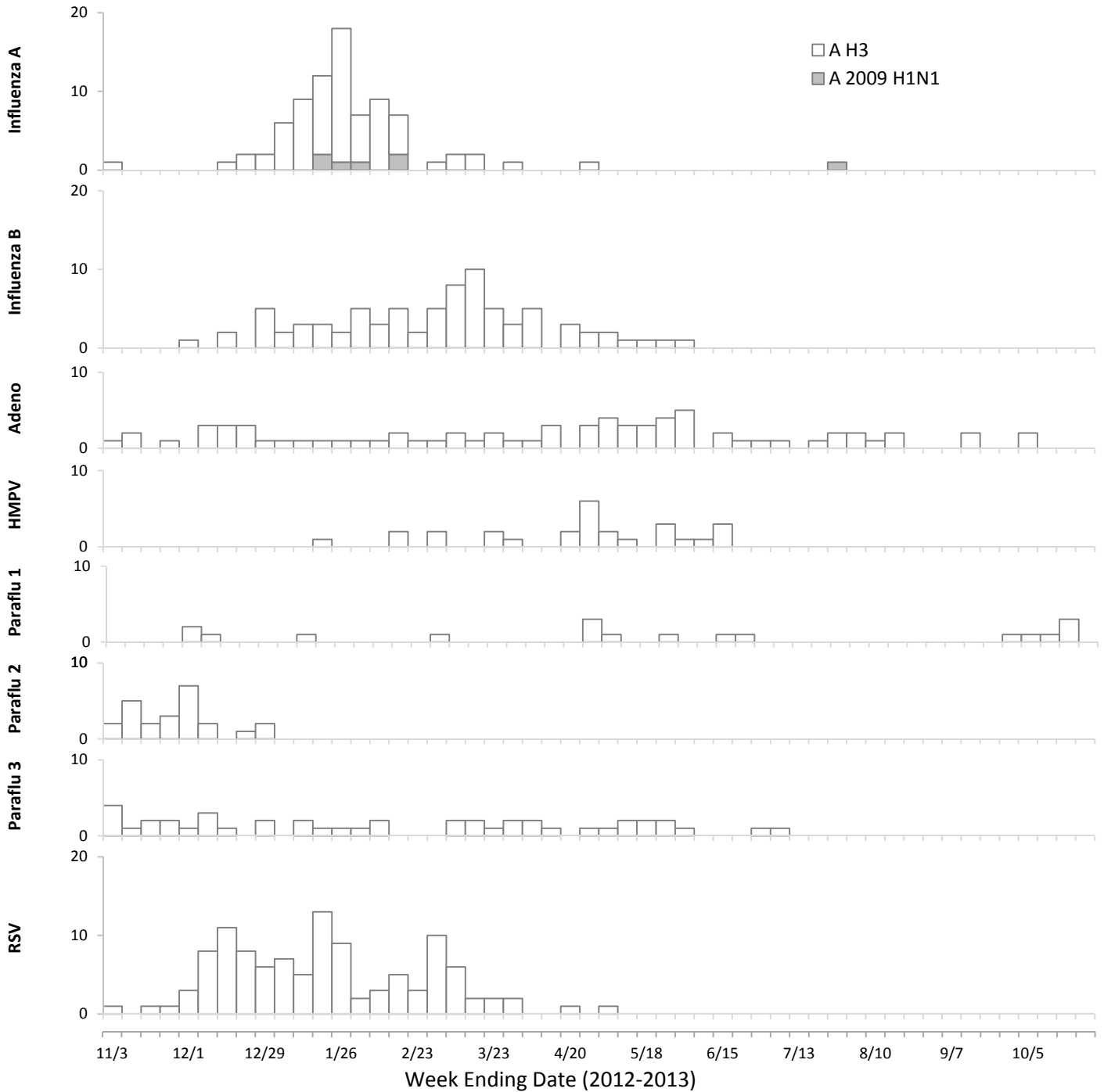


Figure 2. Weekly Positive Counts for Organisms Tested



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. The 2013-2014 quadrivalent flu vaccine will protect against 4 flu strains rather than the traditional 3. All Southern Nevada Health District (SNHD) locations are currently offering the newly available quadrivalent flu vaccine, which is available for adults for \$40. The quadrivalent inhaled vaccine is available for healthy children and adults between the ages of 2 and 49 for \$43.

For more information, contact the health district's immunization clinic at (702) 759-0850 or visit www.SNHD.info.