

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: August 21, 2013

All Sentinel Sites, Through the Week Ending August 17, 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 August 17, 2013, the following virus was identified through PEWSS with a low volume of testing (Fig. 1): Adenovirus.

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

Adenovirus has been circulating at low levels.

Influenza A has been sporadically identified.

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
	7/20		7/27		8/3		8/10		8/17		
	n	%	n	%	n	%	n	%	n	%	
All negative	3	75%	2	40%	1	33%	1	50%	2	50%	Sporadic Not Detected Low Not Detected Not Detected Not Detected Not Detected Not Detected
Influenza A Positive	0	0%	1	20%	0	0%	0	0%	0	0%	
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Adenovirus Positive	1	25%	2	40%	2	67%	1	50%	2	50%	
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	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 3 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
RSV Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Co-infections	0	0%	0	0%	0	0%	0	0%	0	0%	
Specimens Tested	4	-	5	-	3	-	2	-	4	-	

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	7/20		7/27		8/3		8/10		8/17			
	n	%	n	%	n	%	n	%	n	%	n	%
Influenza A 2009 H1N1	0	-	1	100%	0	-	0	-	0	-	1	100%
Influenza A H1	0	-	0	0%	0	-	0	-	0	-	0	0%
Influenza A H3	0	-	0	0%	0	-	0	-	0	-	0	0%

Figure 1 - Weekly Number of Specimens Tested

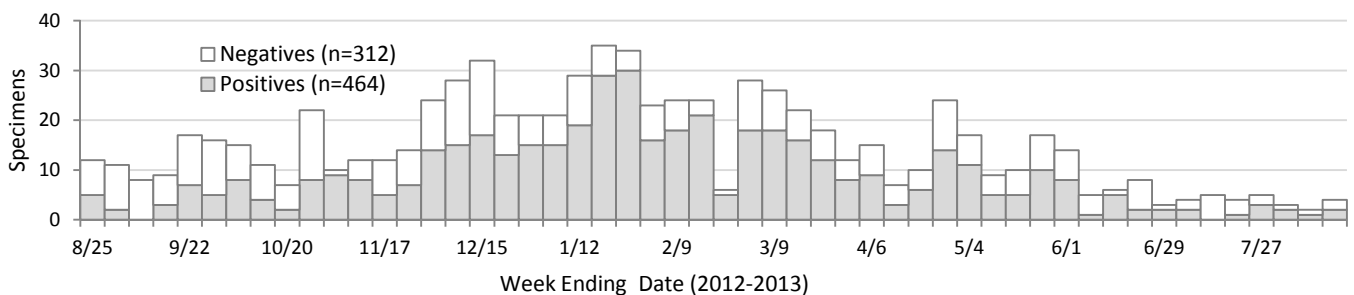
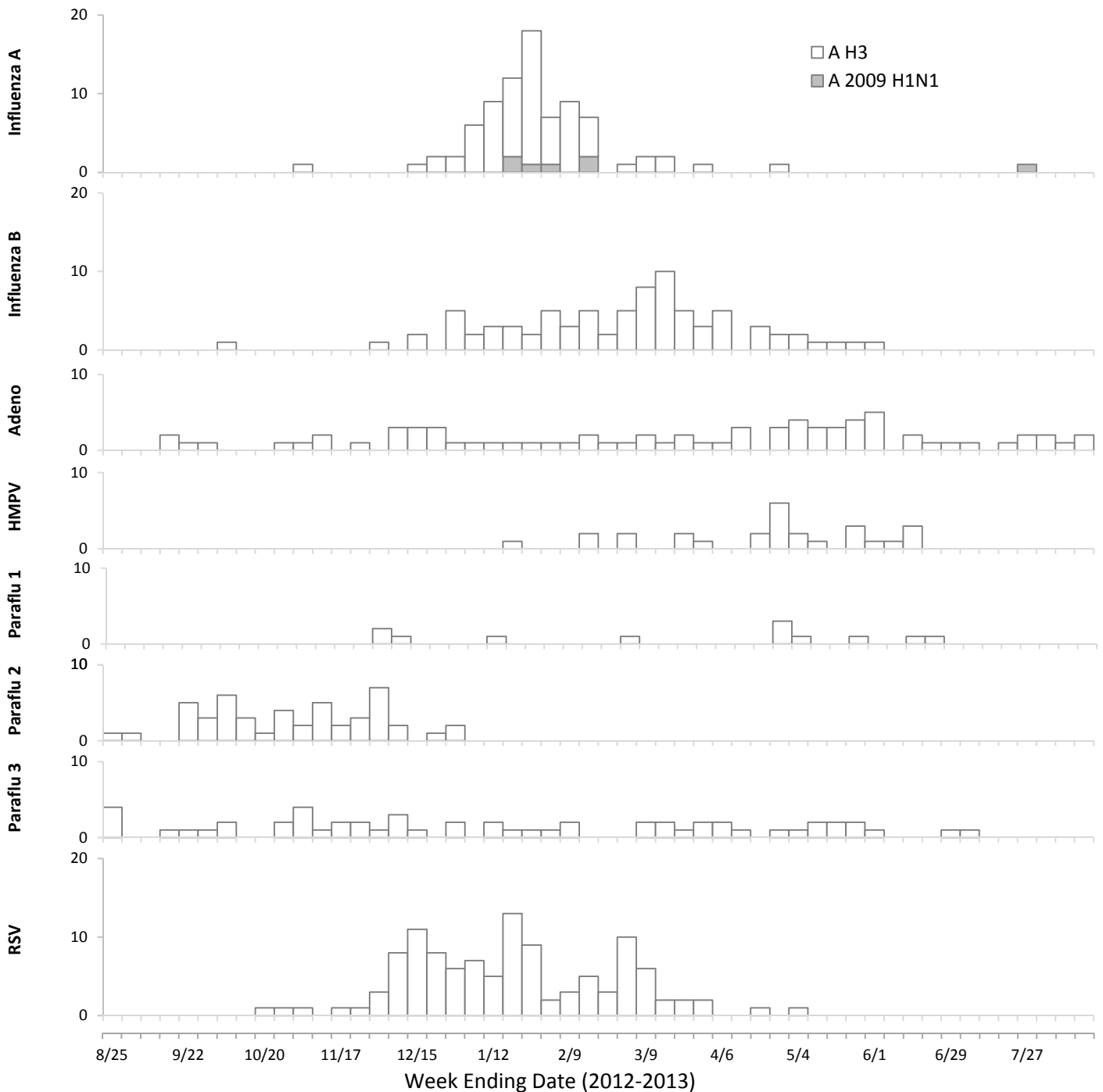


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

Clark County has experienced a marked increase in pertussis cases. To reduce the risk of severe illness from pertussis in new mothers and possible deaths in their vulnerable infants, the Centers for Disease Control and Prevention recommends that pregnant women receive Tdap vaccine during each pregnancy.

The Southern Nevada Health District (SNHD) offers Tdap and other routine immunizations for children, college students, and adults. Information regarding the SNHD immunization clinic locations, services, hours, and fees are located at <http://www.southernnevadahealthdistrict.org/immunizations/index.php>