

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: August 07, 2013

All Sentinel Sites, Through the Week Ending August 03, 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 03, 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 and Parainfluenza 3 have been sporadically identified.

Influenza B, Human Metapneumovirus, Parainfluenza 1, 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
	7/6		7/13		7/20		7/27		8/3		
	n	%	n	%	n	%	n	%	n	%	
All negative	2	50%	5	100%	3	75%	2	40%	1	33%	Sporadic Not Detected Low Not Detected Not Detected Not Detected Sporadic Not Detected
Influenza A Positive	0	0%	0	0%	0	0%	1	20%	0	0%	
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Adenovirus Positive	1	25%	0	0%	1	25%	2	40%	2	67%	
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	1	25%	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	-	4	-	5	-	3	-	Low Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	7/6		7/13		7/20		7/27		8/3		n	%
	n	%	n	%	n	%	n	%	n	%		
Influenza A 2009 H1N1	0	-	0	-	0	-	1	100%	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

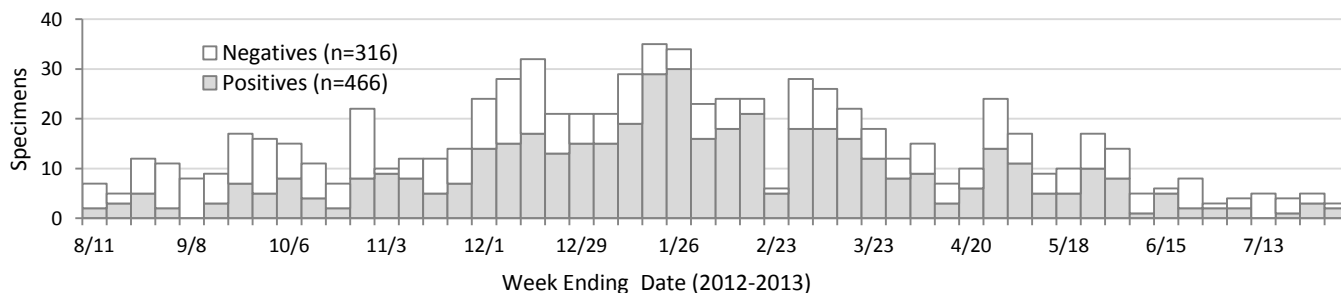
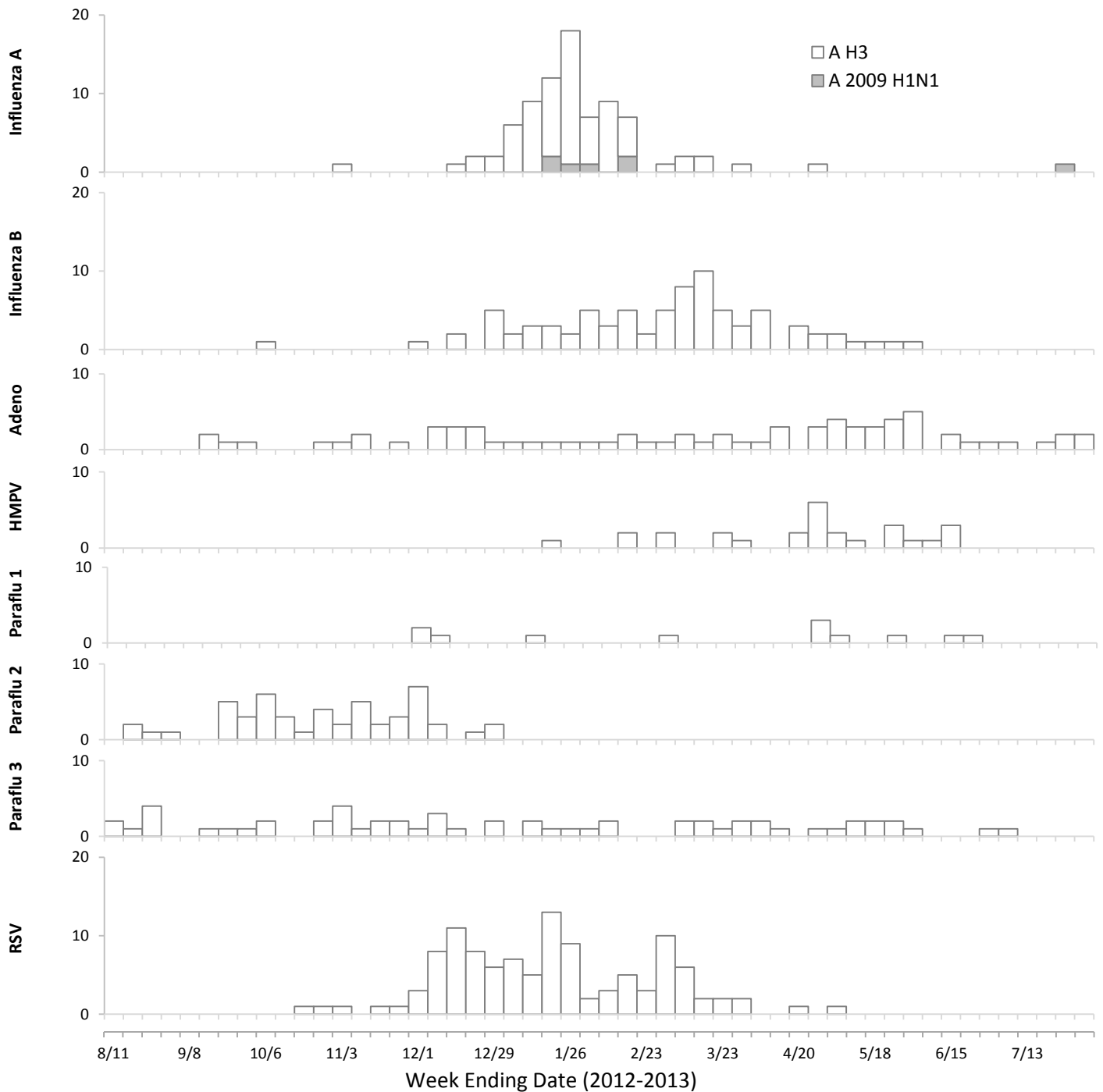


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

Respiratory illnesses in Clark County are currently at their annual low. However, we expect numbers and varieties of circulating illnesses to begin to rise when school resumes later this month.

Nevada state law requires the following vaccinations for students enrolling in the Clark County School District or private school: varicella, hepatitis A, hepatitis B, polio, Tdap, and MMR. Clinicians play a critical role in verifying that their school-aged patients are up-to-date on their vaccination and bringing them up-to-date if they are not. **Easy-to-Read vaccination schedules for children, teens, and adults** can be found here:

<http://www.cdc.gov/vaccines/schedules/>.