

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: August 28, 2013

All Sentinel Sites, Through the Week Ending August 24, 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 24, 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 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
	7/27		8/3		8/10		8/17		8/24		
	n	%	n	%	n	%	n	%	n	%	
All negative	2	40%	1	33%	1	50%	2	50%	7	100%	Sporadic Not Detected Low Not Detected Not Detected Not Detected Not Detected Not Detected
Influenza A Positive	1	20%	0	0%	0	0%	0	0%	0	0%	
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Adenovirus Positive	2	40%	2	67%	1	50%	2	50%	0	0%	
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	5	-	3	-	2	-	4	-	7	-	

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals			
	7/27		8/3		8/10		8/17		8/24					
	n	%	n	%	n	%	n	%	n	%				
Influenza A 2009 H1N1	1	100%	0	-	0	-	0	-	0	-	0	-	1	100%
Influenza A H1	0	0%	0	-	0	-	0	-	0	-	0	-	0	0%
Influenza A H3	0	0%	0	-	0	-	0	-	0	-	0	-	0	0%

Figure 1 - Weekly Number of Specimens Tested

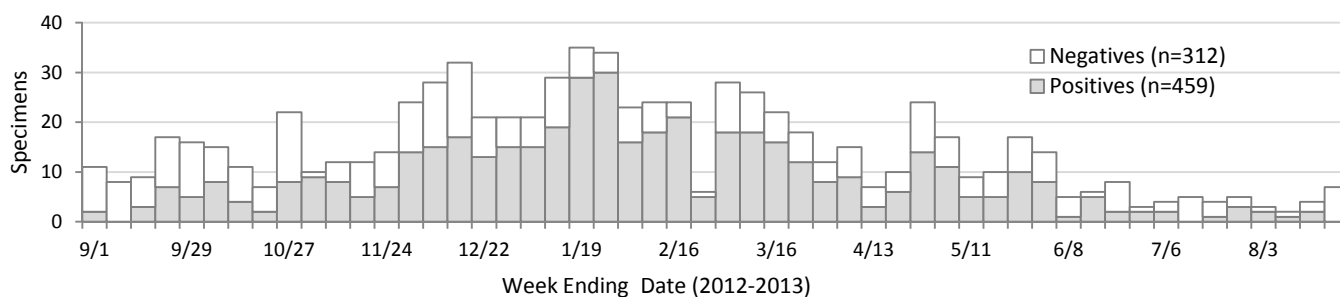
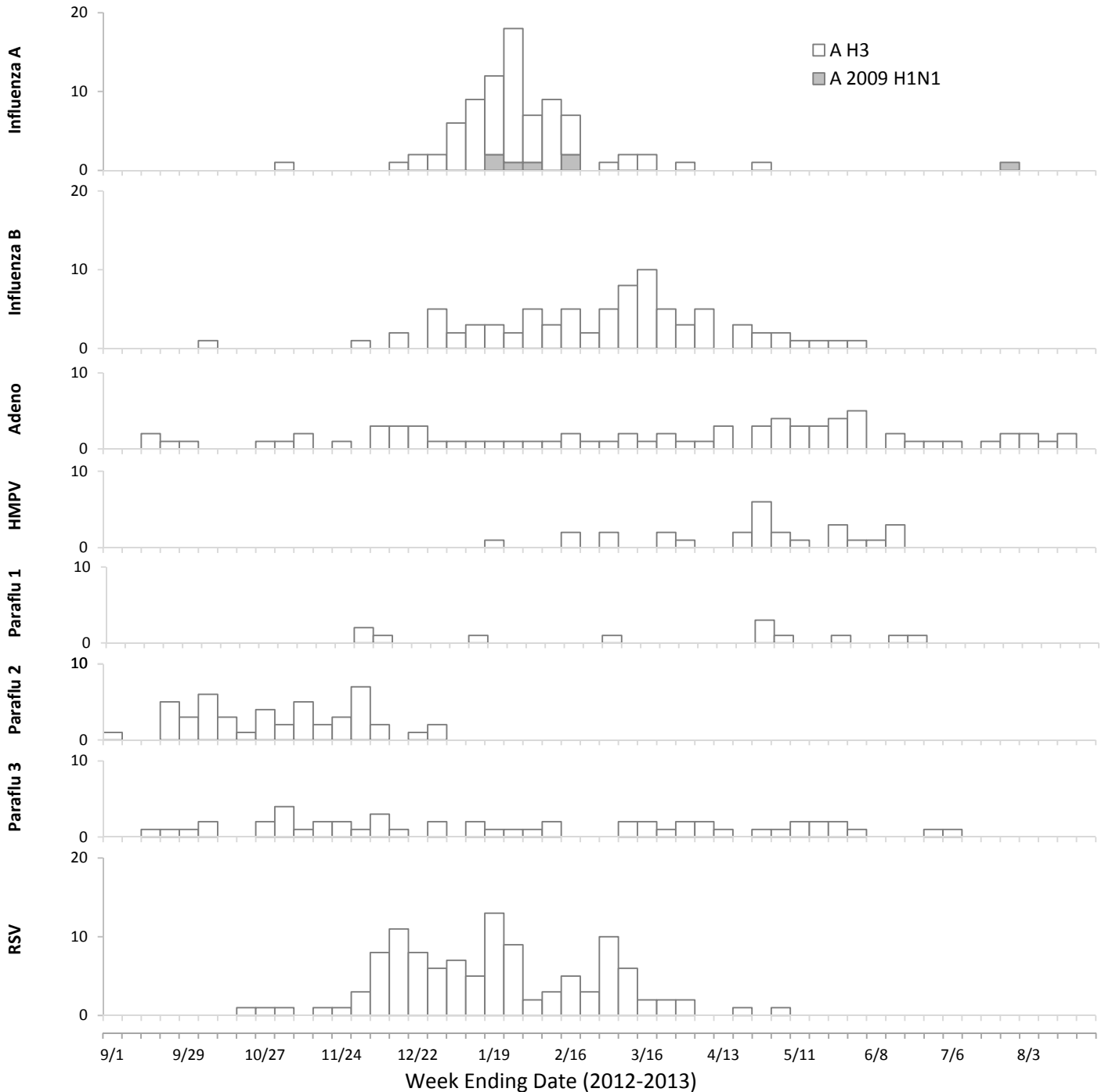


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

The CDC recommends the **Tdap (tetanus, diphtheria, and pertussis)** vaccine for children age:

- **Birth through 6 years:** At 2, 4, and 6 months, at 15 through 18 months, and at 4 through 6 years.
- **7 through 10 years:** Single dose of Tdap if not fully vaccinated against pertussis. If additional doses are needed, vaccinate according to catch-up schedule at <http://www.cdc.gov/vaccines/schedules/hcp/imz/catchup.html> .
- **11 through 18 years:** Single dose of Tdap (preferred at 11 through 12 years). If missed getting Tdap at 11 to 12 years, administer at next patient encounter or sooner if adolescent will have close contact with infants. If not fully vaccinated as a child, check the CDC catch-up schedule.