

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: October 26, 2011

All Reporting Sites, Through the Week Ending October 22, 2011

The 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 the SNHD Office of Epidemiology at 702.759.1300.

General Update

During the week ending October 22, 2011, the following viruses were identified through PEWSS with a low volume of testing (Fig. 1): Adenovirus, Parainfluenza 1 and RSV.

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

Parainfluenza 1 has been circulating at high levels.

Adenovirus has been circulating at low levels.

RSV has been sporadically identified.

Influenza A, Influenza B, Human Metapneumovirus, Parainfluenza 2 and Parainfluenza 3 have not been identified.

Table 1 - Testing Results, Current Week and Previous Four Weeks

PCR Testing Results	Week Ending										Interpretation For Past 5 Weeks
	9/24		10/1		10/8		10/15		10/22		
	n	%	n	%	n	%	n	%	n	%	
All negative	7	88%	5	56%	9	60%	14	61%	5	42%	Not Detected Not Detected Low Not Detected High Not Detected Not Detected Sporadic
Influenza A Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Influenza B Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Adenovirus Positive	0	0%	2	22%	4	27%	1	4%	2	17%	
Human Metapneumovirus Positive	0	0%	0	0%	0	0%	0	0%	0	0%	
Parainfluenza 1 Positive	1	13%	2	22%	3	20%	8	35%	4	33%	
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%	1	8%	
Coinfections	0	0%	0	0%	1	7%	0	0%	0	0%	
Specimens Tested	8	-	9	-	15	-	23	-	12	-	Low Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	9/24		10/1		10/8		10/15		10/22			
	n	%	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

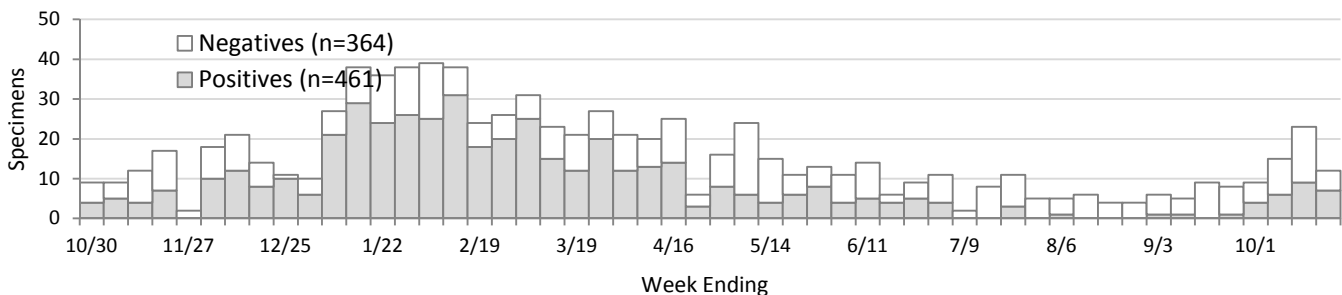
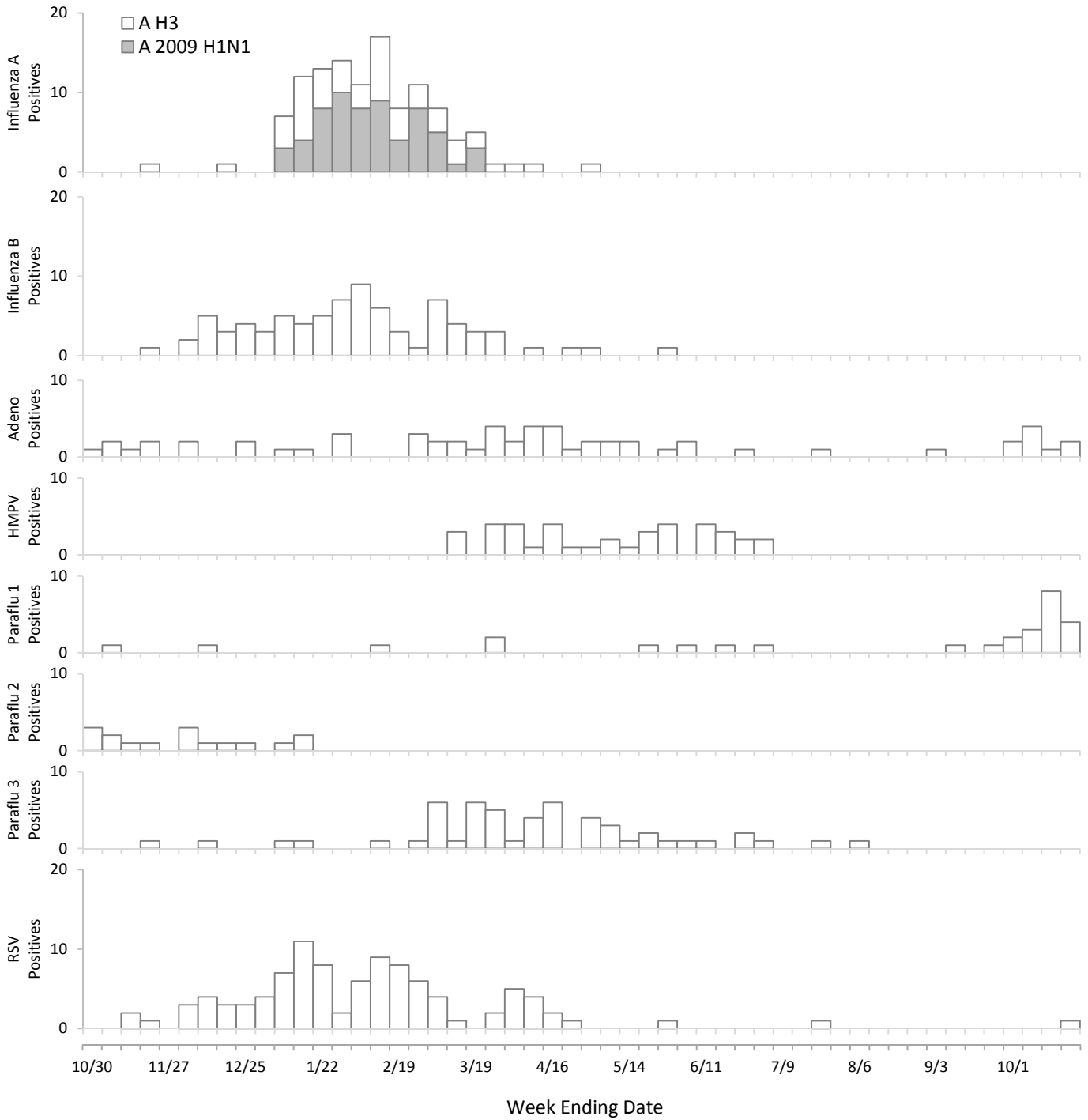


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

A case of Influenza A, confirmed by PCR by a commercial laboratory, was identified in the community during this surveillance period.