

SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: May 16, 2012

All Reporting Sites, Through the Week Ending May 12, 2012

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 May 12, 2012, the following viruses were identified through PEWSS with a high volume of testing (Fig. 1): Influenza B, Adenovirus and RSV.

Over the past five weeks (Tables 1 & 2), the following were identified in the community through PEWSS: Influenza A, Influenza B and Adenovirus have been circulating at high levels.

Human Metapneumovirus, Parainfluenza 3 and RSV have been sporadically identified.

Parainfluenza 1 and Parainfluenza 2 have not been identified.

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

PCR Testing Results	Week Ending										Interpretation For Past 5 Weeks
	4/14		4/21		4/28		5/5		5/12		
	n	%	n	%	n	%	n	%	n	%	
All negative	9	47%	5	22%	8	42%	12	60%	10	43%	
Influenza A Positive	2	11%	8	35%	5	26%	2	10%	0	0%	High
Influenza B Positive	2	11%	2	9%	3	16%	4	20%	8	35%	High
Adenovirus Positive	3	16%	6	26%	2	11%	2	10%	4	17%	High
Human Metapneumovirus Positive	4	21%	1	4%	0	0%	1	5%	0	0%	Sporadic
Parainfluenza 1 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Parainfluenza 2 Positive	0	0%	0	0%	0	0%	0	0%	0	0%	Not Detected
Parainfluenza 3 Positive	0	0%	1	4%	0	0%	0	0%	0	0%	Sporadic
RSV Positive	0	0%	1	4%	1	5%	0	0%	1	4%	Sporadic
Co-infections	1	5%	1	4%	0	0%	1	5%	0	0%	
Specimens Tested	19	-	23	-	19	-	20	-	23	-	High Volume

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

Influenza A Typing (% of influenza A)	Week Ending										5-Week Totals	
	4/14		4/21		4/28		5/5		5/12		n	%
	n	%	n	%	n	%	n	%	n	%		
Influenza A 2009 H1N1	1	50%	2	25%	0	0%	1	50%	0	-	4	24%
Influenza A H1	0	0%	0	0%	0	0%	0	0%	0	-	0	0%
Influenza A H3	1	50%	6	75%	5	100%	1	50%	0	-	13	76%

Figure 1 - Weekly Number of Specimens Tested

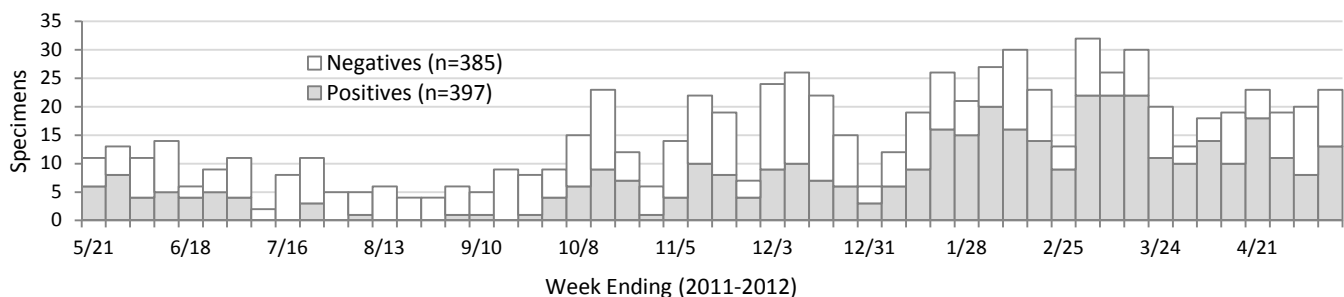
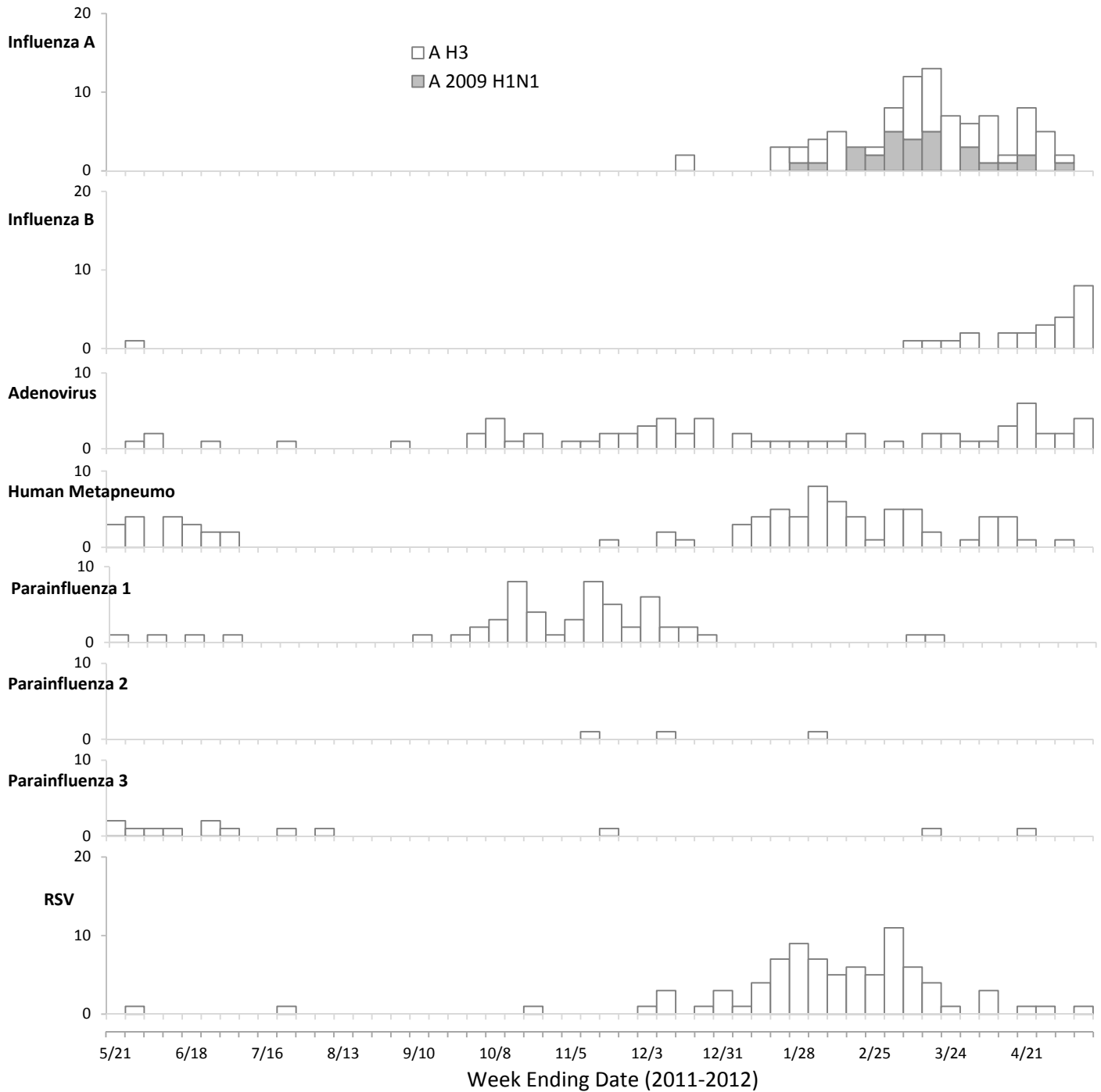


Figure 2. Weekly Positive Counts for Organisms Tested



Other News and Information

Influenza B is currently circulating at a high level in southern Nevada (Tables 1 & 2).

Although epidemics of influenza typically occur during the fall or winter months, the peak of influenza activity in many regions can occur as late as May (Fig. 2, Influenza B).