

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: February 02, 2011

All Reporting Sites, Through the Week Ending January 29, 2011

## General Update

The Southern Nevada Health District (SNHD) Pediatric Early Warning Sentinel Surveillance (PEWSS) has detected Influenza A 2009 H1N1, Influenza A H3, Influenza B, Adenovirus, and RSV for the week ending January 29, 2011.

The comparatively high number of specimens submitted in the last month (Fig. 1) may indicate that there are more respiratory illnesses in the community, because sentinel sites are encountering more patients who meet the illness testing criteria (fever >100°F accompanied by a cough and/or sore throat) and can provide specimens for testing.

Other than Influenza A 2009 H1N1, no other Influenza A H1 was detected in the community since June 2010 (Fig. 1). Influenza A H3 and Influenza B continue to be detected in Southern Nevada (Fig. 2) and nationwide.

The PEWSS reports are disseminated weekly to the medical community 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.

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

PCR Testing Results	Week Ending										Project to Date	
	1/1		1/8		1/15		1/22		1/29		Since 6/1/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	4	40	7	26	9	24	12	33	12	32	259	53
Influenza A Positive*	0	0	7	26	12	32	13	36	14	37	49	10
Influenza A 2009 H1N1	0	0	3	11	4	11	8	22	10	26	26	5
Influenza A H1 Positive	0	0	0	0	0	0	0	0	0	0	0	0
Influenza A H3 Positive	0	0	4	15	8	21	5	14	4	11	23	5
Influenza B Positive	3	30	4	15	4	11	5	14	7	18	39	8
Adenovirus Positive	0	0	1	4	1	3	0	0	3	8	29	6
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	0	0	0	0	0	0	0	0	0	0	12	2
Parainfluenza 2 Positive	0	0	1	4	2	5	0	0	0	0	26	5
Parainfluenza 3 Positive	0	0	1	4	1	3	0	0	0	0	35	7
RSV Positive	4	40	7	26	11	29	8	22	2	5	51	10
Coinfections	1	10	1	4	2	5	2	6	0	0	8	2
Specimens Tested	10		27		38		36		38		493	

\* Includes Influenza of all subtypes

**Figure 1 - Weekly Number of Specimens Tested**

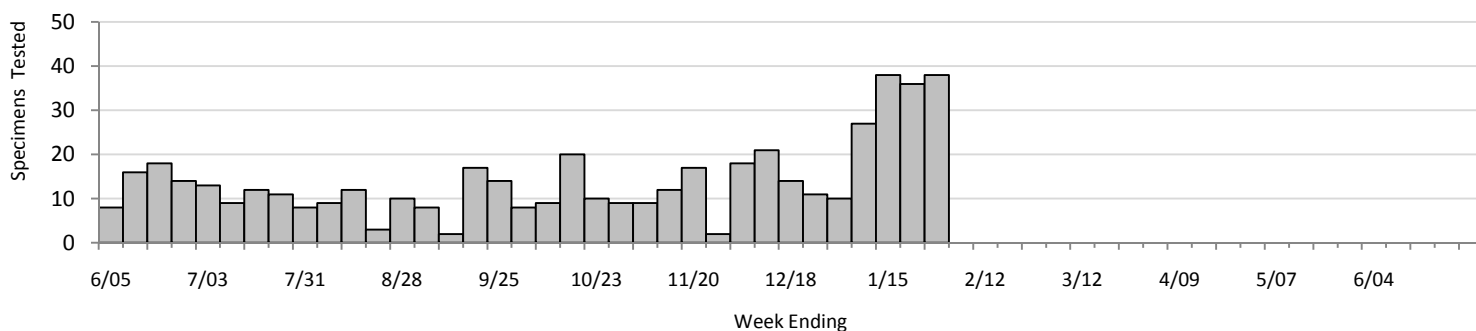
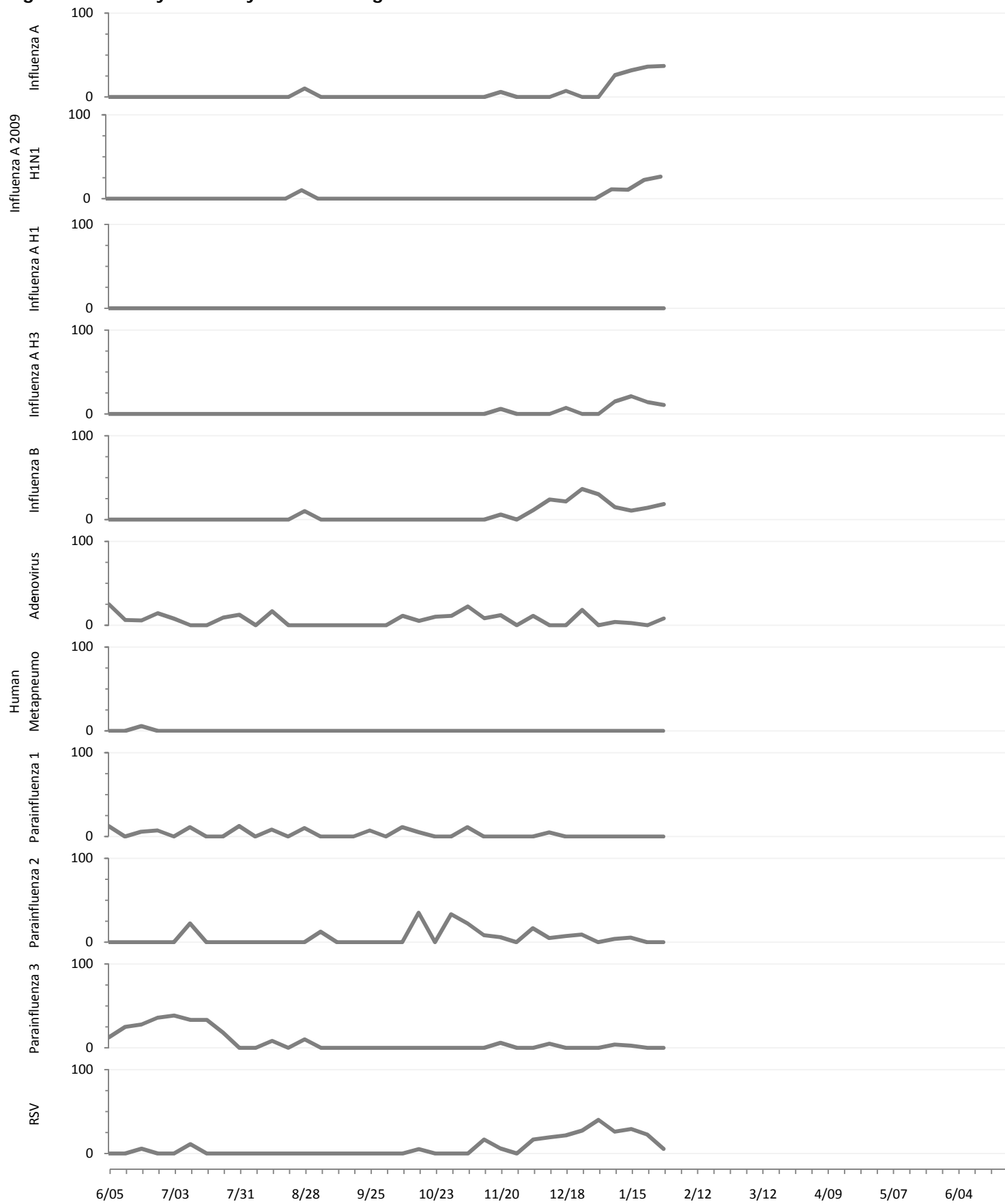


Figure 2 - Weekly Positivity Rates for Organisms Tested



**Figure 3. Age distributions of patients from whom specimens were tested and who tested positive**

