

# SNHD Pediatric Early Warning Sentinel Surveillance (PEWSS) Report: February 23, 2011

All Reporting Sites, Through the Week Ending February 19, 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, and RSV for the week ending February 19, 2011.

The number of specimens collected by PEWSS sentinel sites decreased from past weeks (Fig. 1). This may be due to staff changes and/or reduced hours of operation by sentinel sites in response to the President's Day holiday, and could have resulted in fewer clinical specimen collected during this surveillance period.

Overall, the distribution of respiratory viruses detected in recent weeks remain constant (Table 1 and Fig. 2), and continues to signal that the number and levels of respiratory pathogens circulating in Southern Nevada remain high.

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	
	1/22		1/29		2/5		2/12		2/19		Since 5/26/10	
	n	%	n	%	n	%	n	%	n	%	n	%
All negative	12	33	12	32	14	36	7	18	5	23	286	48
Influenza A Positive*	13	36	14	37	11	28	17	45	8	36	85	14
Influenza A 2009 H1N1	8	22	10	26	8	21	9	24	4	18	47	8
Influenza A H1 Positive	0	0	0	0	0	0	0	0	0	0	0	0
Influenza A H3 Positive	5	14	4	11	3	8	8	21	4	18	38	6
Influenza B Positive	5	14	7	18	9	23	6	16	3	14	57	10
Adenovirus Positive	0	0	3	8	0	0	0	0	0	0	29	5
Human Metapneumovirus Positive	0	0	0	0	0	0	0	0	0	0	1	0
Parainfluenza 1 Positive	0	0	0	0	0	0	1	3	0	0	13	2
Parainfluenza 2 Positive	0	0	0	0	0	0	0	0	0	0	26	4
Parainfluenza 3 Positive	0	0	0	0	0	0	1	3	0	0	40	7
RSV Positive	8	22	2	5	6	15	9	24	7	32	73	12
Coinfections	2	6	0	0	1	3	3	8	1	5	13	2
Specimens Tested	36		38		39		38		22		597	

\* Includes Influenza of all subtypes

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

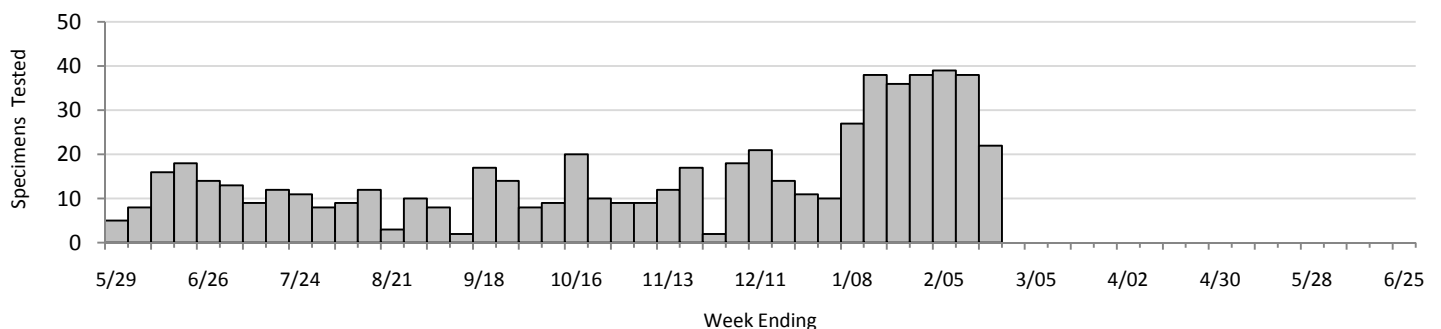
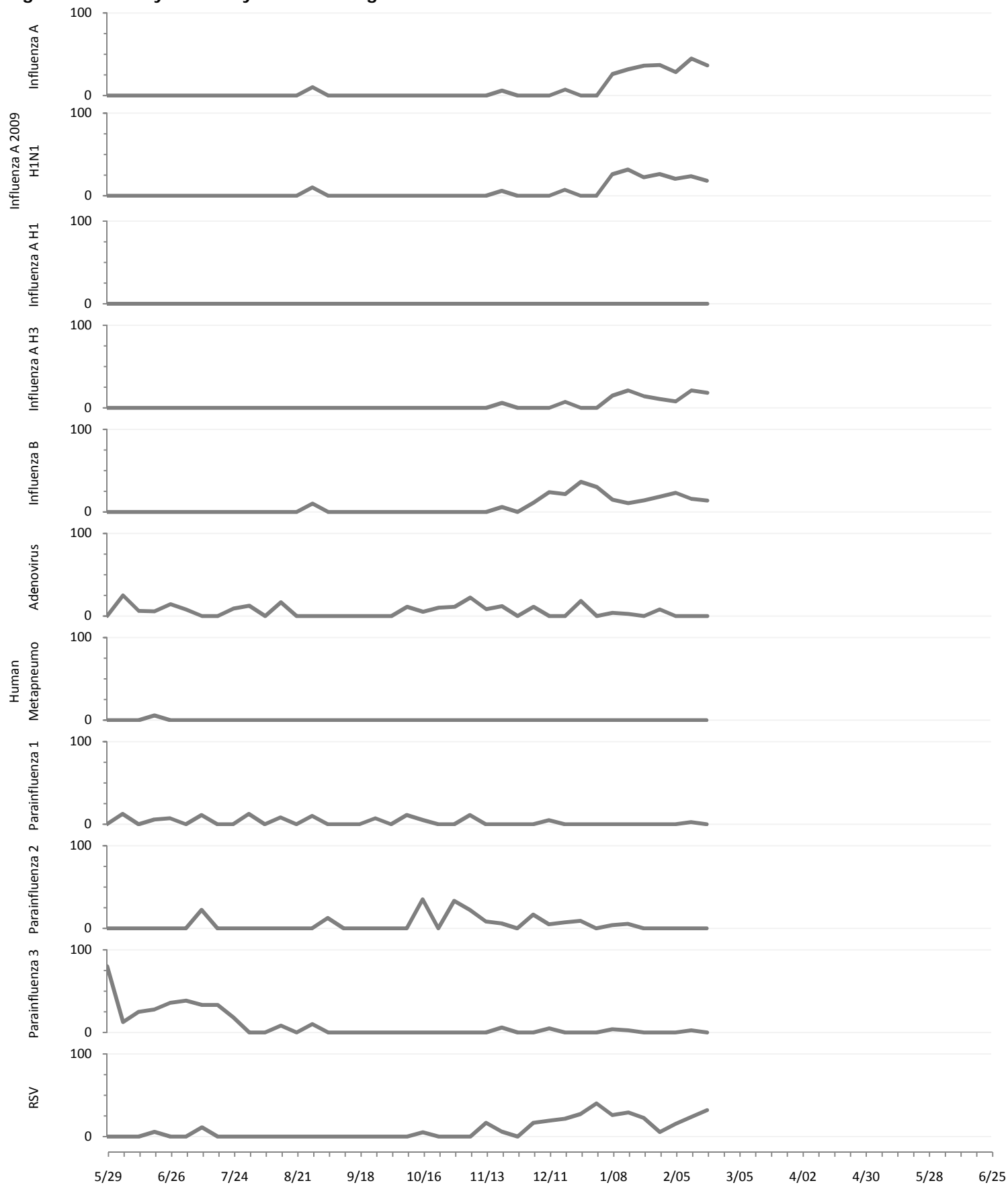


Figure 2 - Weekly Positivity Rates for Organisms Tested



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

