



Pediatric Early Warning Sentinel Surveillance (PEWSS) Weekly Bulletin
Southern Nevada Health District

March 5, 2014

Data through March 1, 2014

Overview

About PEWSS

For the week ending 3/1/2014, the following pathogens were detected with a low volume of testing: Adenovirus, Coronavirus NL63, Human metapneumovirus, Influenza A, Influenza B, RSV, Rhinovirus/Enterovirus

Please contact Linh Nguyen, PhD, MPH at the SNHD Office of Epidemiology at 702.759.1300. PEWSS program description, methodologies, and weekly bulletins can be viewed at <http://www.southernnevadahealthdistrict.org/stats-reports/influenza.php>.

Table 1. Current Testing results

Testing Category	Last Week	Four Weeks	Trend	Comment
Adenovirus	Detected	High	→	Detected at high levels over the past four weeks
Chlamydomphila pneumoniae	—	—		‡
Coronavirus HKU1	—	Detected*		
Coronavirus NL63	Detected	Detected*		
Coronavirus 229E	—	—		‡
Coronavirus OC43	—	Detected*		
Human metapneumovirus	Detected	Moderate	→	HMPV and RSV generally circulate at the same time in Southern Nevada
Influenza A	Detected	Low	→	Influenza A subtypes (last 4 weeks): 60% 2009 H1N1, 40% H3
Influenza B	Detected	Low	→	
Mycoplasma pneumoniae	—	—		
Parainfluenza 1	—	—		
Parainfluenza 2	—	—		
Parainfluenza 3	—	Sporadic	→	
Parainfluenza 4	—	—		‡
Respiratory syncytial virus (RSV)	Detected	Moderate	↘	Detected at moderate levels over the past four weeks
Rhinovirus/Enterovirus	Detected	Detected*		Rhinoviruses can cause colds, trigger asthma attacks, and sinus and ear infections
Specimen Volume	Low	Low	→	

* Insufficient historical data exists to determine the level of detection

‡ Added to PEWSS in December 2013, has yet to be identified

Figure 1. Weekly number of specimens tested

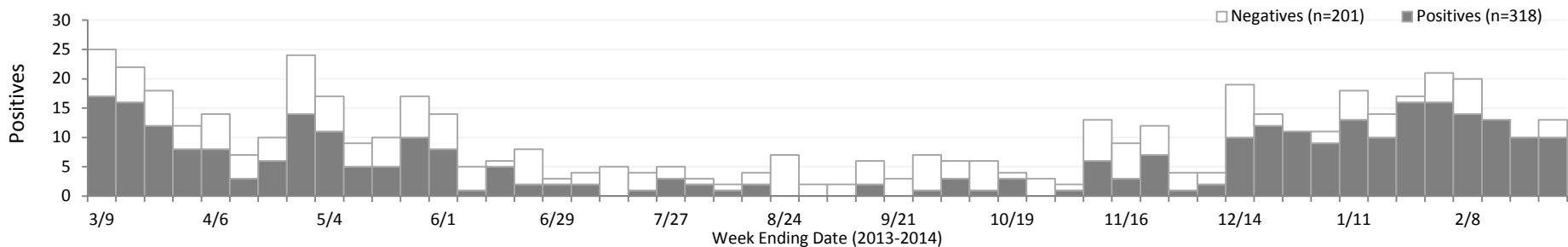


Figure 2. Weekly positive counts for organisms identified

