



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

February 26, 2014

Data through February 22, 2014

Overview

About PEWSS

For the week ending 2/22/2014, the following pathogens were detected with a low volume of testing: Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, Human metapneumovirus, 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	—	Low	→	
Chlamydomphila pneumoniae	—	—		‡
Coronavirus HKU1	Detected	Detected*		Coronaviruses infections can cause lower-respiratory tract illnesses like pneumonia in those with cardiopulmonary disease, compromised immune system, or the elderly
Coronavirus NL63	Detected	Detected*		
Coronavirus 229E	—	—		‡
Coronavirus OC43	Detected	Detected*		
Human metapneumovirus	Detected	Moderate	↘	Generally circulates at the same time as RSV
Influenza A	—	Low	→	Influenza A subtypes (last 4 weeks): 71% 2009 H1N1, 29% H3
Influenza B	—	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 and Coronaviruses cause the majority of common cold symptoms
Specimen Volume	Low	Moderate	→	

* 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

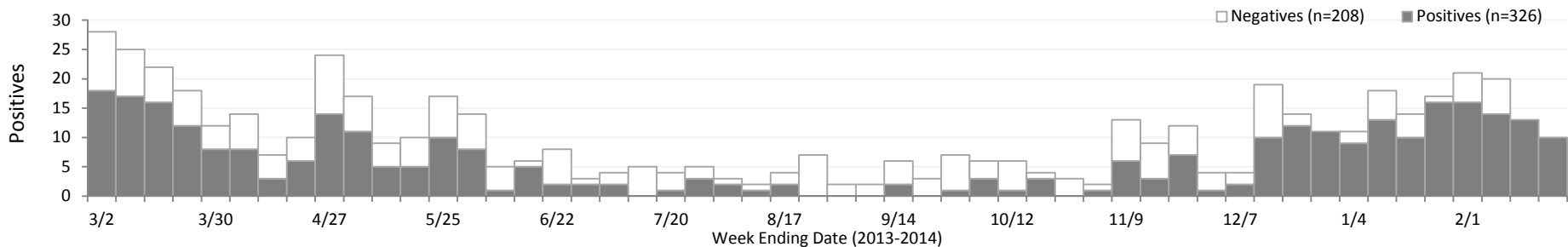


Figure 2. Weekly positive counts for organisms identified

