

Overview

PEWSS is an innovative respiratory surveillance program that monitors the level of respiratory pathogen activity in Southern Nevada year round. Starting this week, PEWSS has been expanded to provide laboratory surveillance data for a total of 16 respiratory organisms with the addition of Chlamydomphila pneumonia, 4 Coronaviruses (HKU1, NL63, 229E, OC43), Mycoplasma pneumonia, Parainfluenza 4, and Rhinovirus/Enterovirus. PEWSS reports will continue to provide weekly snapshots of the circulating respiratory microbes in the community throughout the year to allow for the detection of their seasonal emergence and circulation, and to aid clinicians in assessing the treatment options for their patients. For questions about PEWSS, 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	—	Sporadic	→	
Chlamydomphila pneumoniae	—	—		‡
Coronavirus HKU1	—	Detected*		
Coronavirus NL63	Detected	Detected*		
Coronavirus 229E	—	—		‡
Coronavirus OC43	—	Detected*		
Human metapneumovirus	Detected	Moderate	↘	Detected at moderate levels over the past four weeks
Influenza A	Detected	Moderate	→	Influenza A subtypes (last 4 weeks): 94% 2009 H1N1, 6% H3
Influenza B	—	—		
Mycoplasma pneumoniae	Detected	Detected*		
Parainfluenza 1	—	Sporadic	→	
Parainfluenza 2	—	—		
Parainfluenza 3	—	—		†
Parainfluenza 4	—	—		‡
Respiratory syncytial virus	Detected	Low	→	
Rhinovirus/Enterovirus	—	—		‡
Specimen Volume	Low	Low	→	

* Insufficient historical data exists to determine the level of detection

† Not detected in the past 12 months

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

Figure 1. Weekly number of specimens tested

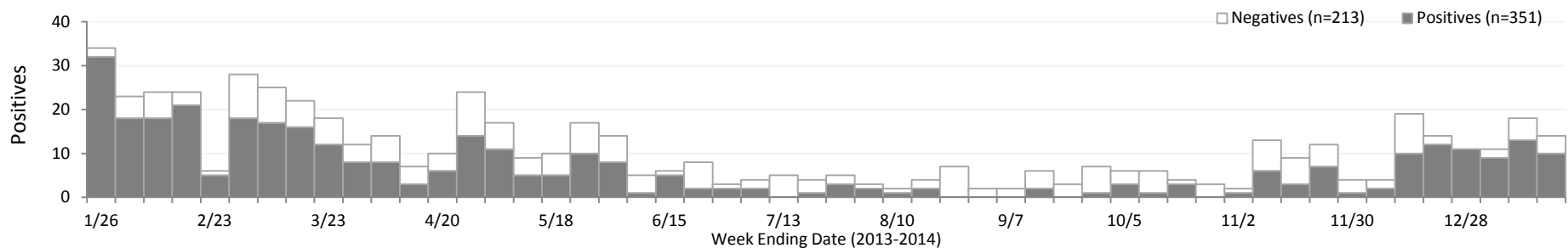


Figure 2. Weekly positive counts for organisms identified

