



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

April 16, 2014

Data through April 12, 2014

Overview

About PEWSS

For the week ending 4/12/2014, the following pathogens were detected with a low volume of testing: Adenovirus, Coronavirus 229E, Human metapneumovirus, Influenza B, Parainfluenza 3, RSV, Rhinovirus/Enterovirus

For additional information about PEWSS, please contact Linh Nguyen, Ph.D., MPH at the SNHD Office of Epidemiology at 702.759.1299. PEWSS program description, methodology, and weekly bulletins can be viewed at www.southernnevadahealthdistrict.org/stats-reports/influenza.php

Table 1. Current Testing results

Testing Category	Last Week	Four Weeks	Trend	Comment
Adenovirus	Detected	High	→	Adenoviruses can cause acute respiratory disease, conjunctivitis, and gastroenteritis
Chlamydomphila pneumoniae	—	—		‡
Coronavirus HKU1	—	Detected*		
Coronavirus NL63	—	—		
Coronavirus 229E	Detected	Detected*		Coronaviruses usually cause mild to moderate upper-respiratory tract illnesses
Coronavirus OC43	—	Detected*		
Human metapneumovirus	Detected	Sporadic	→	
Influenza A	—	—		
Influenza B	Detected	Moderate	↗	Detected at moderate levels over the past four weeks
Mycoplasma pneumoniae	—	—		
Parainfluenza 1	—	—		
Parainfluenza 2	—	—		
Parainfluenza 3	Detected	Moderate	↗	Detected at moderate levels over the past four weeks
Parainfluenza 4	—	—		‡
Respiratory syncytial virus (RSV)	Detected	Sporadic	→	RSV infection is leading cause of viral serious acute respiratory illness in young children
Rhinovirus/Enterovirus	Detected	Detected*		Rhinoviruses and Coronaviruses cause the majority of cold symptoms
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

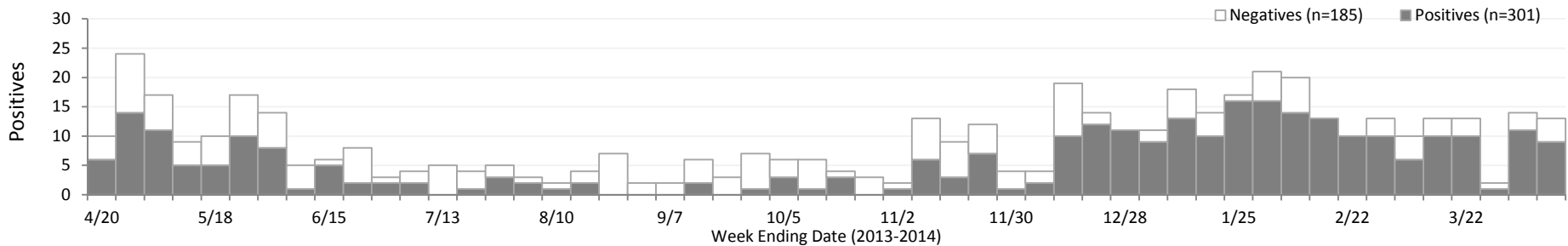


Figure 2. Weekly positive counts for organisms identified

