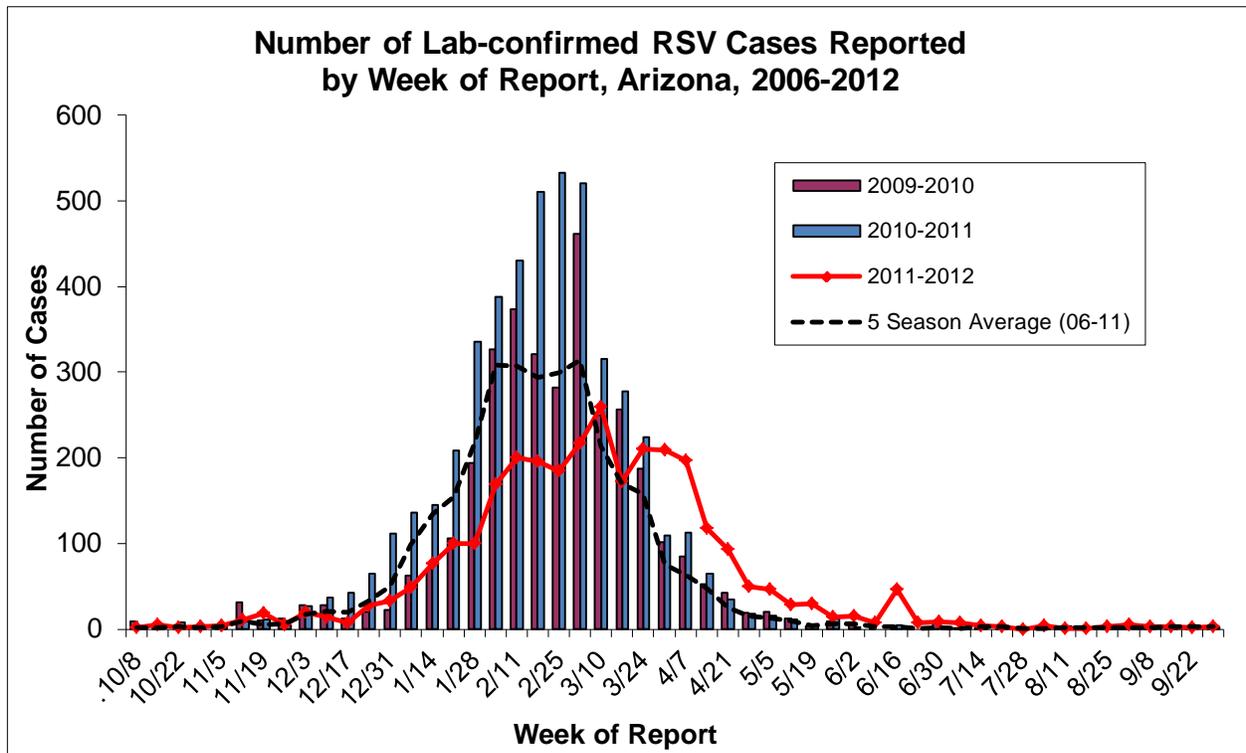


**Synopsis:**

Respiratory syncytial virus (RSV) is a respiratory virus most prevalent in the U.S. during winter months and among young children. After two seasons of increasing numbers of laboratory-confirmed RSV reported, reports during the 2011-2012 season declined and were more similar to the 2008-2009 season. The timing of RSV activity during the 2011-2012 season was later than in previous years. Ninety-four percent of cases were among children less than five years of age. RSV is tracked in Arizona using the influenza season dates; the 2011-2012 season is defined for the purposes of this report as October 2<sup>nd</sup>, 2011, through September 29<sup>th</sup>, 2012.

**Laboratory-Confirmed RSV Activity by Season, 2005-2011:**

Positive RSV tests are reported to ADHS by laboratories under Arizona Administrative Code R9-6-204. This reporting includes many types of tests, such as rapid antigen tests, direct fluorescent antigen tests, or viral cultures. After a record number of RSV cases reported in the 2010-2011 season, the number of cases reported in the 2011-2012 season was more similar to previous years. Reported cases started to increase sharply in December, peaked in March, and continued at elevated levels through May, with a few cases reported each week throughout the summer.

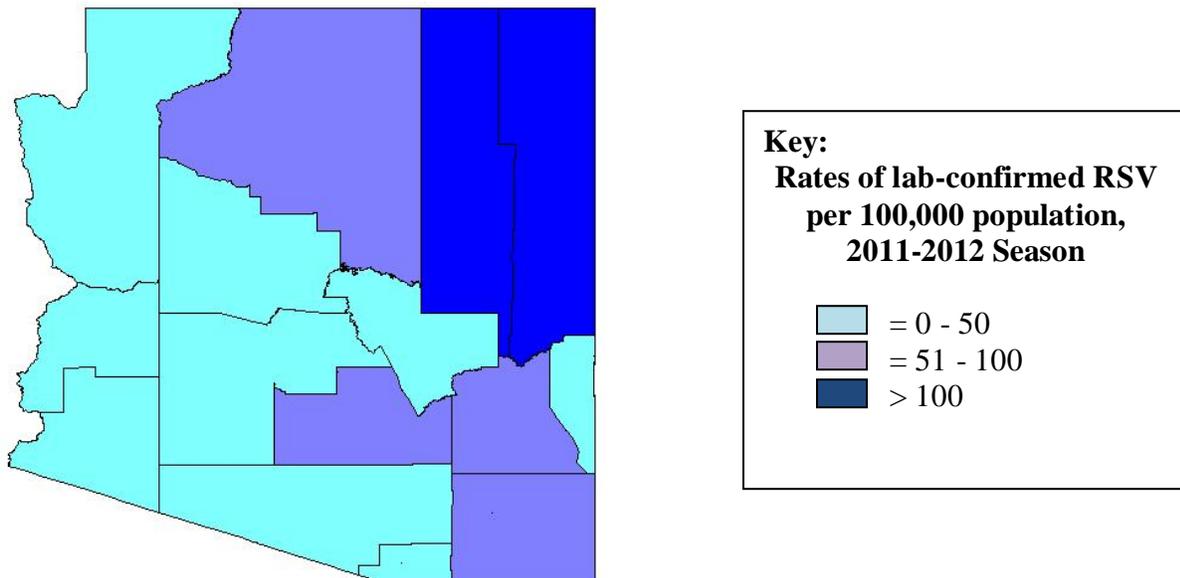


## Laboratory-Confirmed RSV Cases Reported by County:

Reported RSV cases are shown below by county. The counties with the highest rates of reported RSV per population are Apache, Navajo, and Coconino, and Graham. Differences in rates may reflect not only differences in the level of RSV circulating in the community, but also testing and reporting practices.

County	Number of Laboratory-Confirmed Cases	Rate per 100,000 population*
Apache	187	260
Cochise	72	55
Coconino	104	78
Gila	13	24
Graham	28	74
Greenlee	1	12
La Paz	0	0
Maricopa	1,730	45
Mohave	41	20
Navajo	132	123
Pima	356	36
Pinal	243	63
Santa Cruz	19	40
Yavapai	20	9
Yuma	49	24
<b>Total</b>	<b>2,995</b>	<b>47</b>

\*Population denominators are from the ADHS Vital Statistics Office and are derived from data from the National Vital Statistics and State Demographer's Offices. See <http://www.azdhs.gov/plan/menu/info/pop/pop11/pd11.htm> for further information.



## By Age Group:

RSV usually affects infants and young children disproportionately. This is reflected in Arizona's reported cases for this season; infants less than one year of age represent the age group with the greatest number of cases reported and the highest rate per population.

Age Group	Number of Cases Reported	Rate per 100,000 population*
<1 year	1,722	1,978
1-4 years	914	248
5-14 years	80	9
15-64 years	53	1
65 years or older	48	5
Age unknown	178	N/A
<b>Total</b>	<b>2,995</b>	<b>47</b>

\*Population denominators are from the ADHS Vital Statistics Office and are derived from data from the National Vital Statistics and State Demographer's Offices. See <http://www.azdhs.gov/plan/menu/info/pop/pop11/pd11.htm> for further information.

