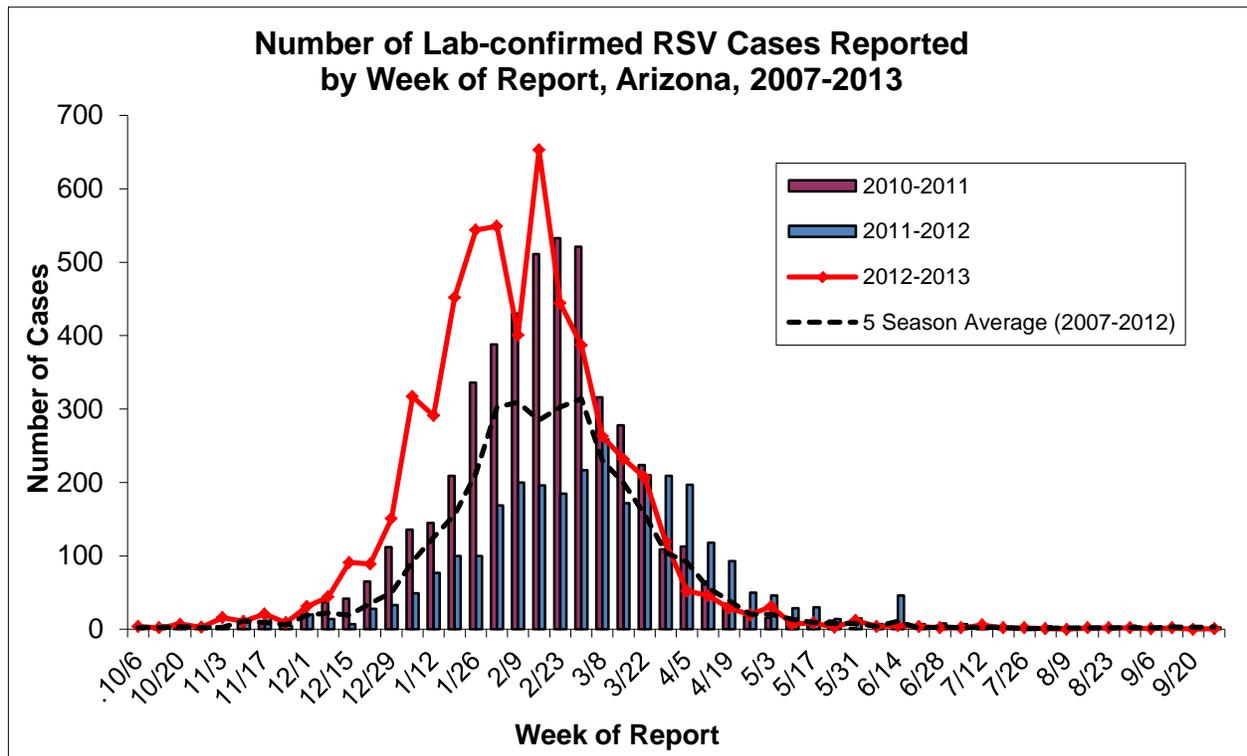


Synopsis:

Respiratory syncytial virus (RSV) is a respiratory virus most prevalent in the U.S. during winter months and among young children. During the previous 2011-2012 season, the numbers of laboratory-confirmed RSV reported had decreased compared to earlier years (2,995 cases reported during the 2011-2012 season); however during the 2012-2013 season an increase and a record number of 5,585 RSV cases were reported. The timing of RSV activity during the 2012-2013 season began earlier than in the previous year. Ninety-two percent of cases were among children less than five years of age. RSV is tracked in Arizona using the influenza season dates; the 2012-2013 season is defined for the purposes of this report as September 30th, 2012, through September 28th, 2013.

Laboratory-Confirmed RSV Activity by Season, 2007-2013:

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. A record number of 5,585 RSV cases were reported in the 2012-2013 season. Reported cases started to increase sharply in December, peaked in February, and continued at elevated levels through May, with a few cases reported throughout the summer months.

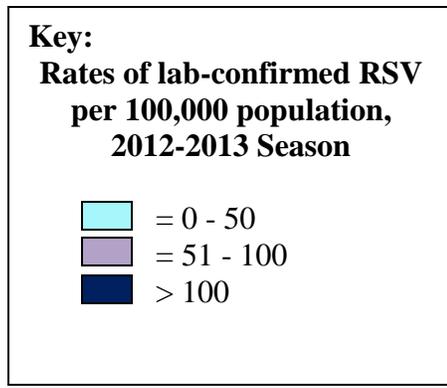
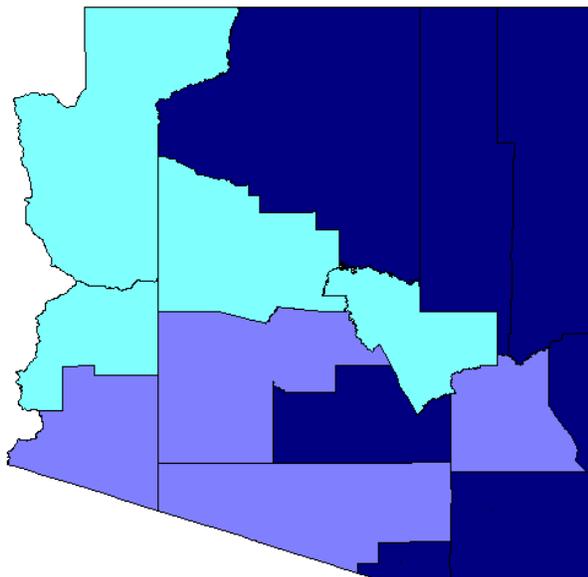


Laboratory-Confirmed RSV Cases Reported by County:

Reported RSV cases are shown below by county. The counties with the highest rates of reported RSV per population are Apache, Navajo, Greenlee, Coconino, Pinal, Cochise and Santa Cruz. 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	215	297
Cochise	162	124
Coconino	243	181
Gila	23	43
Graham	25	67
Greenlee	19	221
La Paz	0	0
Maricopa	2,818	73
Mohave	84	41
Navajo	289	268
Pima	838	85
Pinal	665	171
Santa Cruz	51	105
Yavapai	46	22
Yuma	107	52
Total	5,585	86

*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/index.php?pg=2012> 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	3,308	3,794.3
1-4 years	1,797	503.6
5-14 years	184	20.1
15-64 years	165	3.9
65 years or older	81	8.6
Age unknown	50	N/A
Total	5,585	85.9

*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/index.php?pg=2012> for further information.

