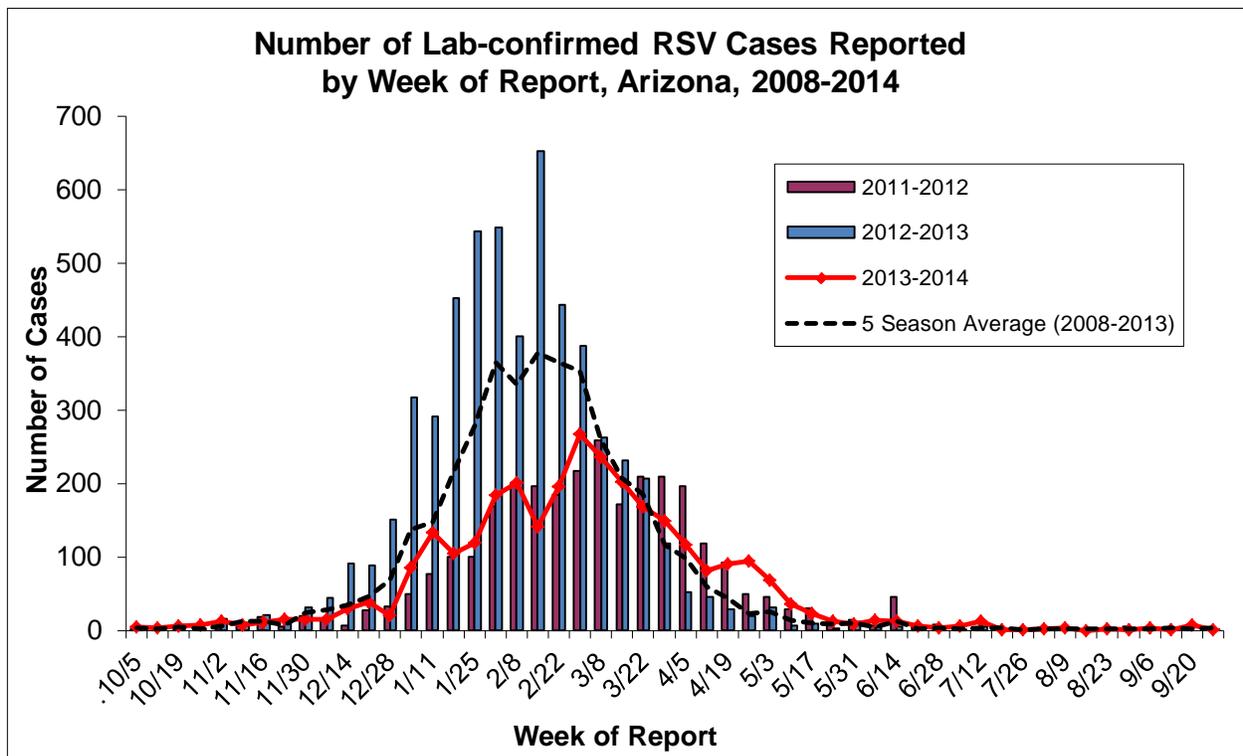


Synopsis:

Respiratory syncytial virus (RSV) is a respiratory virus most prevalent in the U.S. during winter months and among young children. During the previous 2012-2013 season, a record number of laboratory-confirmed RSV cases had been reported compared to earlier years (5,585 cases reported during the 2012-2013 season); however, a decreased number of RSV cases were reported during the 2013-2014 season (2,986 cases). RSV activity during the 2013-2014 season began in mid-December, peaked in the beginning of March and steadily decreased throughout May. Eighty-nine percent of cases were among children less than five years of age. RSV is tracked in Arizona using the influenza season dates; the 2013-2014 season is defined for the purposes of this report as September 29th, 2013, through September 27th, 2014.

Laboratory-Confirmed RSV Activity by Season, 2008-2014:

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. 2,986 RSV cases were reported in the 2013-2014 season. Reported cases started to increase in December, peaked in March, and continued at elevated levels through May, with a few cases reported throughout the summer months.

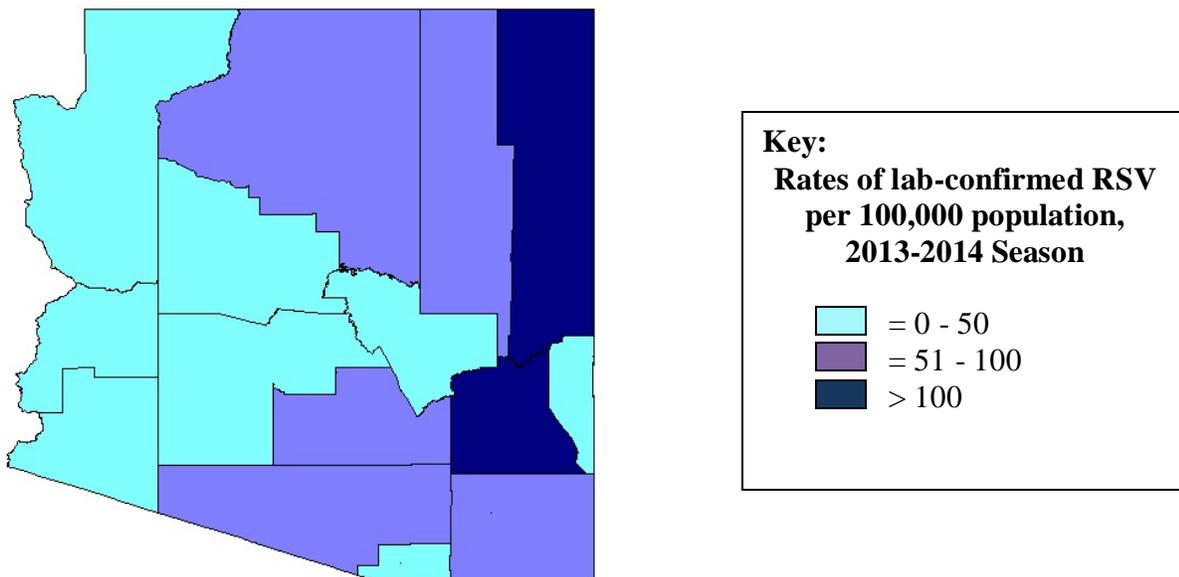


Laboratory-Confirmed RSV Cases Reported by County:

Reported RSV cases are shown below by county. The counties with the highest rates of reported RSV per population are Graham and Apache. 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	80	111
Cochise	102	78
Coconino	129	95
Gila	13	24
Graham	44	116
Greenlee	0	0
La Paz	1	5
Maricopa	1,568	40
Mohave	10	5
Navajo	84	77
Pima	540	54
Pinal	283	72
Santa Cruz	24	49
Yavapai	14	7
Yuma	94	45
Total	2,986	45

*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?> 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	1,741	1,951.9
1-4 years	897	255.5
5-14 years	90	9.7
15-64 years	118	2.8
65 years or older	119	12.1
Age unknown	21	N/A
Total	2,986	45.4

*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?> for further information.

