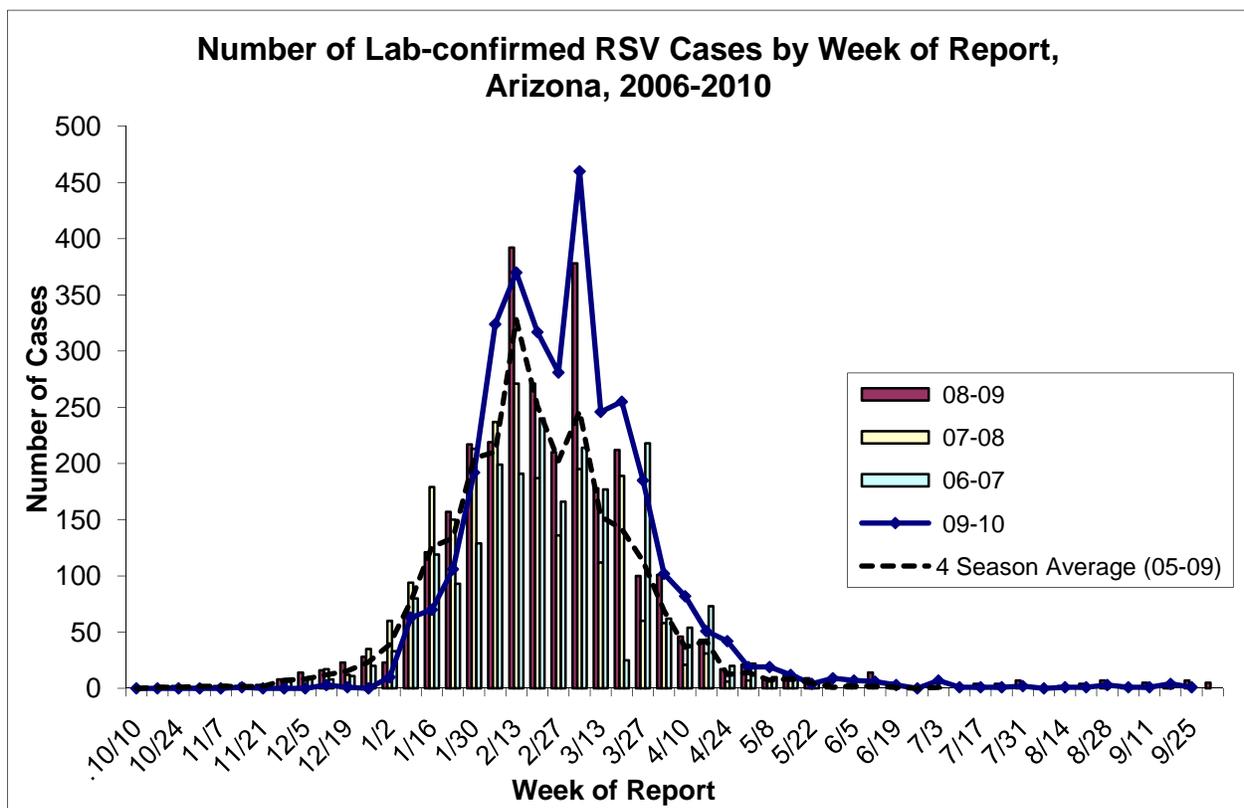


Synopsis:

Respiratory syncytial virus (RSV) was reported in slightly higher levels than in previous seasons since the initiation of RSV surveillance in 2004. RSV is a respiratory virus most prevalent in the U.S. during winter months, and is tracked using the influenza season dates. The 2009-2010 influenza season is defined for the purposes of this report as October 4th, 2009, through September 25th, 2010. While much attention during this time period was focused on the second wave of the 2009 H1N1 pandemic, RSV activity followed much the same patterns as in previous years.

Laboratory-Confirmed RSV Activity by Season, 2006-2010:

Positive RSV tests are reported to ADHS by laboratories under the Arizona Administrative Code. This reporting includes many types of tests, such as rapid antigen tests, direct fluorescent antigen tests, or viral cultures. More RSV cases were reported to ADHS in the 2009-2010 season than in any previous season since surveillance started. It is unknown whether the increased attention to reporting influenza cases may have contributed to this RSV increase.

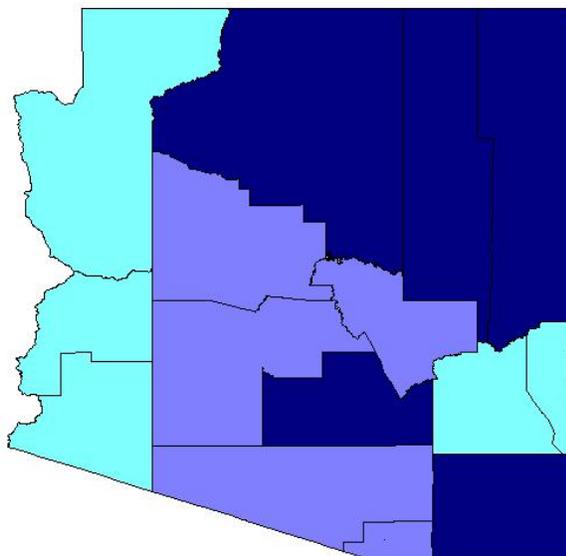


Laboratory-Confirmed RSV Cases Reported by County:

Reported RSV cases are shown below by county. The counties with the highest rates of reported RSV per population are Apache, Navajo, and Coconino.

County	Number of Laboratory-Confirmed Cases	Rate per 100,000 population*
Apache	322	420
Cochise	121	85
Coconino	182	131
Gila	18	30
Graham	2	5
Greenlee	0	0
La Paz	3	14
Maricopa	1,581	40
Mohave	47	23
Navajo	183	159
Pima	434	43
Pinal	273	83
Santa Cruz	14	29
Yavapai	56	25
Yuma	28	14
Total	3,264	49

*Population denominators used are 2009 estimates from the Vital Statistics Office at ADHS. See <http://www.azdhs.gov/plan/menu/info/pd.htm> for further information.



Key:
**Rates of lab-confirmed RSV
per 100,000 population,
2009-2010 Season**

- = 0 - 24
- = 25 - 50
- > 50

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	Cases Reported	Rate / 100,000 Population*
<1 year	1,721	1865.3
1 – 4 years	1,182	291.0
5 – 9 years	56	11.9
10 – 64 years	49	1.0
65+ years	27	3.1
Unknown	229	N/A
Total	3,264	49.5

*Population denominators used are 2009 estimates from the Vital Statistics Office at ADHS. See <http://www.azdhs.gov/plan/menu/info/pd.htm> for further information.

