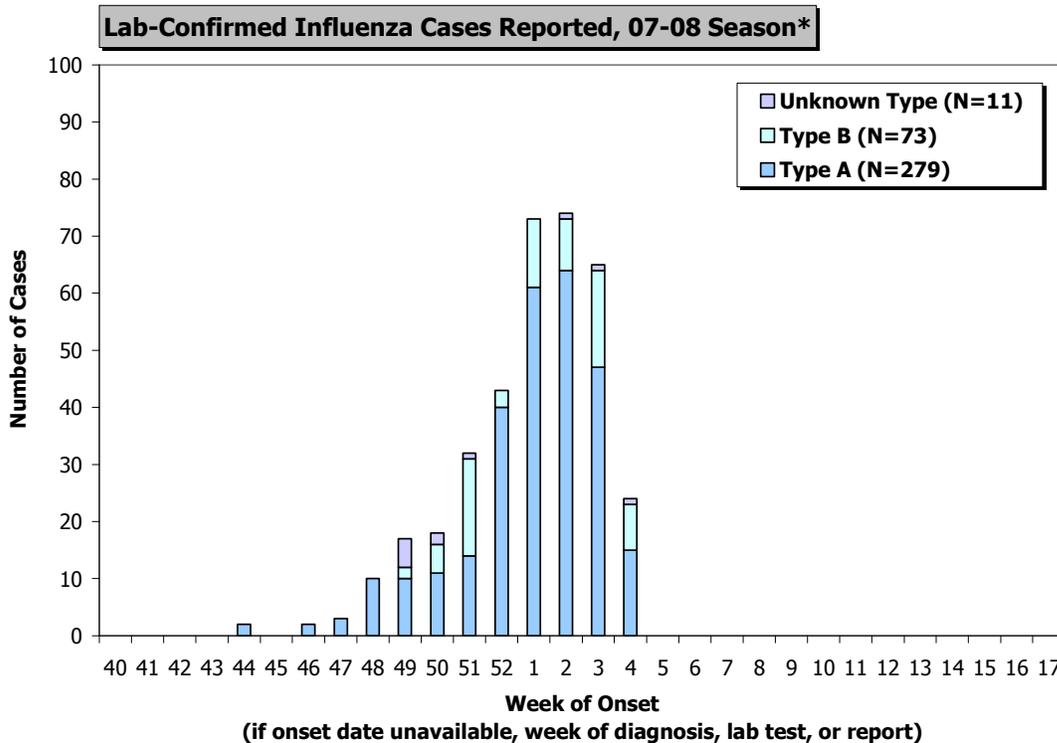


**MARICOPA COUNTY INFLUENZA SUMMARY UPDATE
WEEK 4 (1/20/08-1/26/08)**

- **Case Count: 363 lab-confirmed cases reported (through Week 4)**
- **Pneumonia & Influenza Mortality: 7.45% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 4)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
 - **Cigna Health Centers (n=20): 0.19% of visits due to ILI.** (provisional data; subject to change as updated information becomes available) (Week 4 data are unavailable for this report).
 - **Hospital Emergency Departments (n=11): 2.46% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=23): 16.79% of students out due to illness during week 4.**

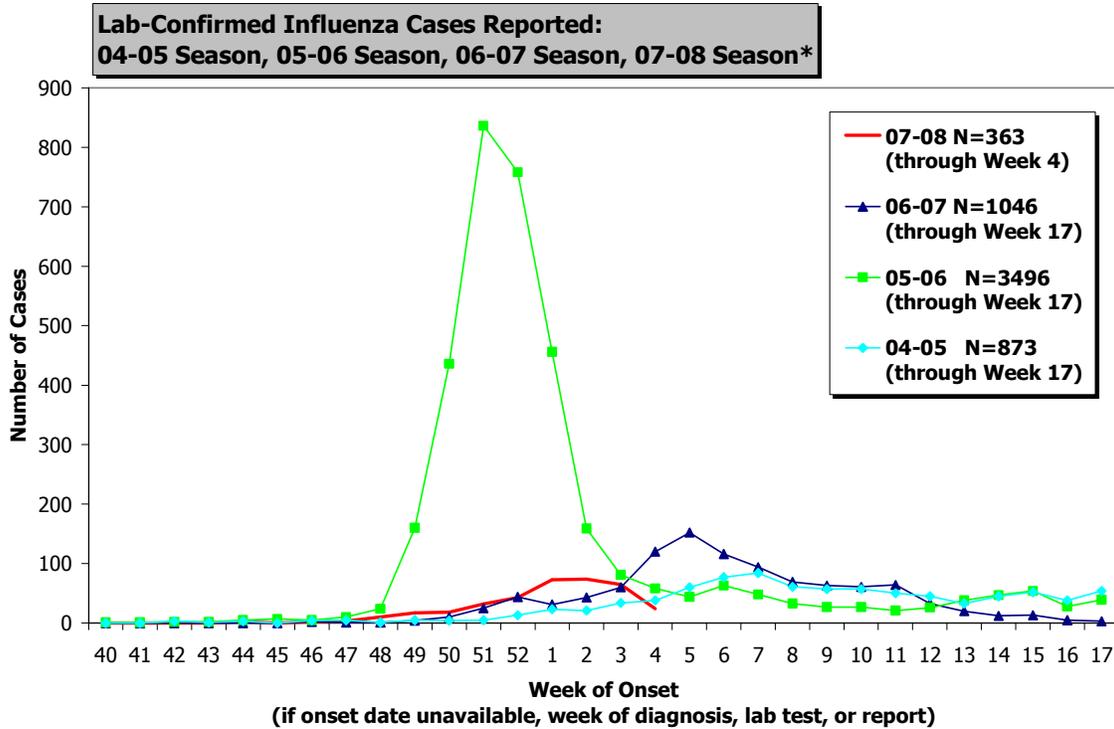
Lab Surveillance

At the time of this report, 363 lab-confirmed cases have been reported for the 07-08 season through Week 4.



*Counts for the most recent weeks of the 07-08 season may increase as additional cases are reported.

Lab Surveillance



*Counts for the most recent weeks of the 07-08 season may increase as additional cases are reported.

Pneumonia & Influenza Mortality Surveillance

For Week 4 (1/20/08-1/26/08), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 9.76% for the City of Phoenix, 6.36% for Maricopa County less the City of Phoenix, and 7.45% for all of Maricopa County.

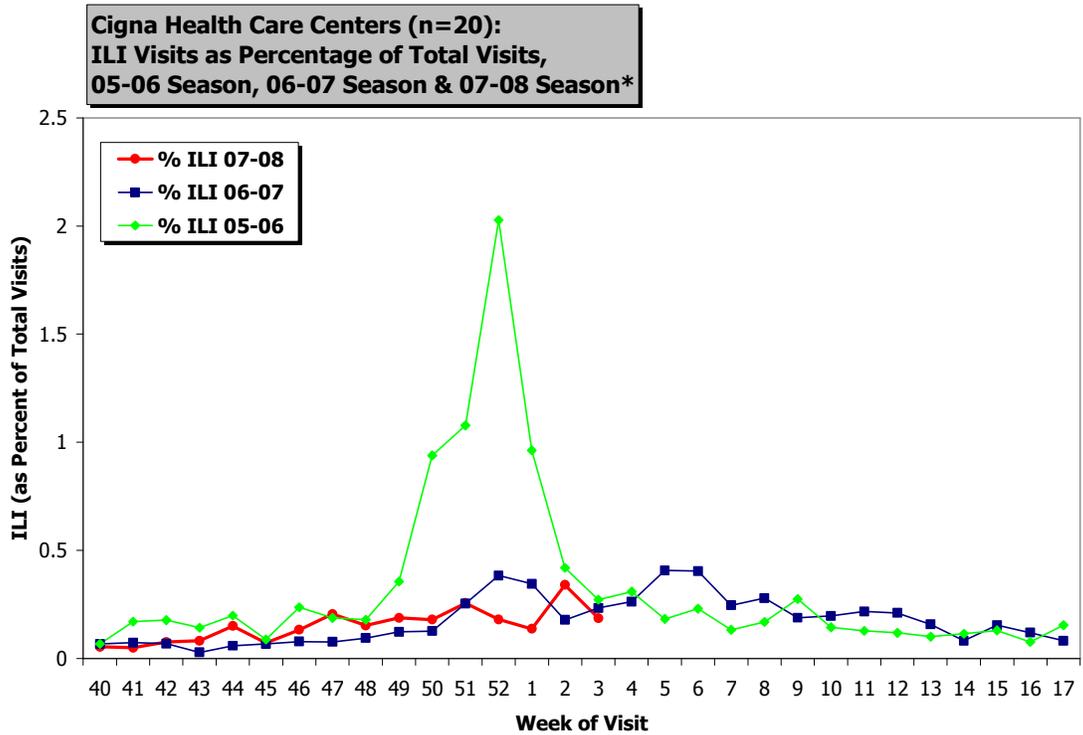
Influenza-Like Illness (ILI)* Surveillance

*ILI case definition: fever (at least 100°F) AND cough and/or sore throat.

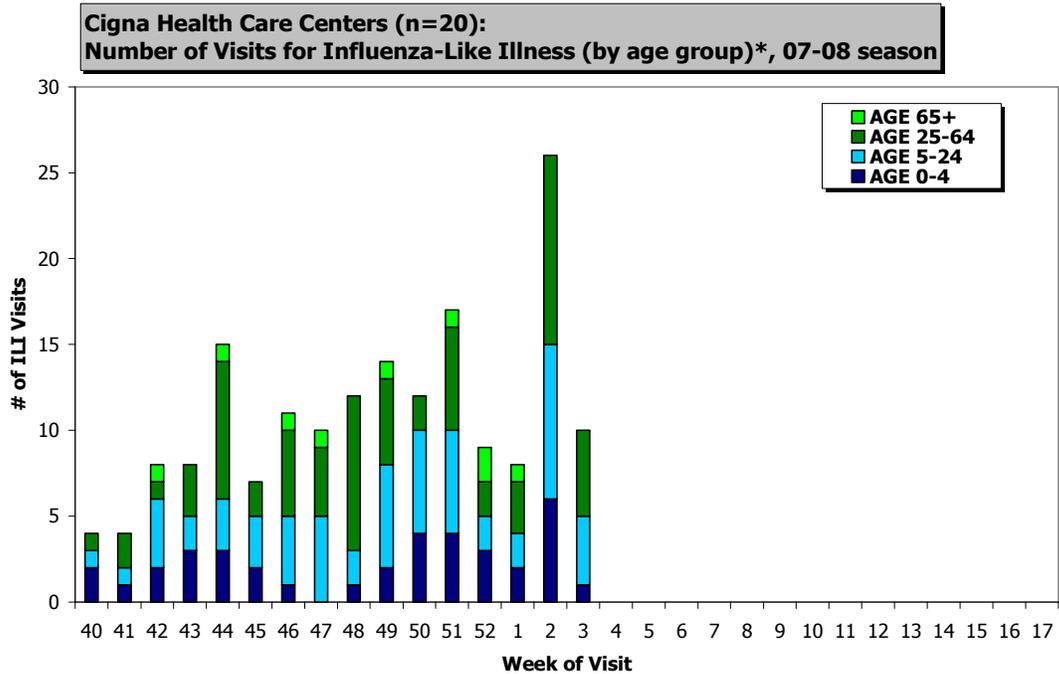
*Cigna data are unavailable for this report.

- During Week 3, 0.19% of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 3 of the two previous seasons, 0.23% (06-07) and 0.27% (05-06) of patient visits to Cigna Health Care Centers were due to ILI. (*Provisional data; may change in subsequent reports as updated information becomes available.)
- The percentage of ER visits for ILI (data from 11 hospitals) was 2.46% for Week 4. ER ILI percentages for Week 4 ranged from 0.58% to 6.70%.

Influenza-Like Illness (ILI)* Surveillance

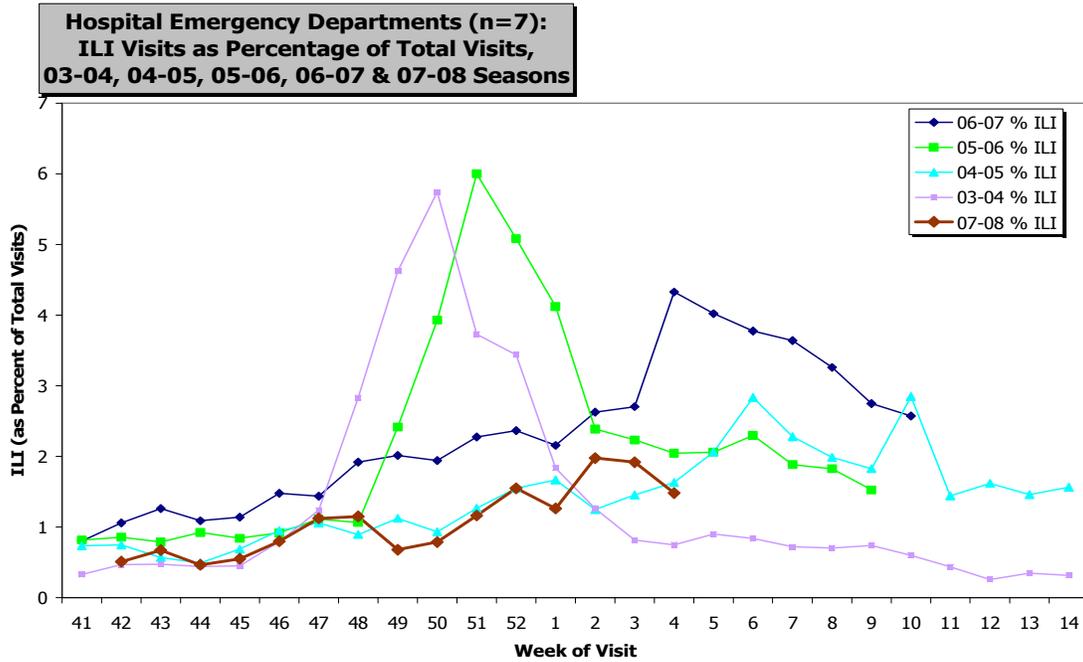


*Data for Weeks 50-3 of the 07-08 season is provisional and may change in subsequent reports as updated information becomes available. Data for week 4 are unavailable for this report.

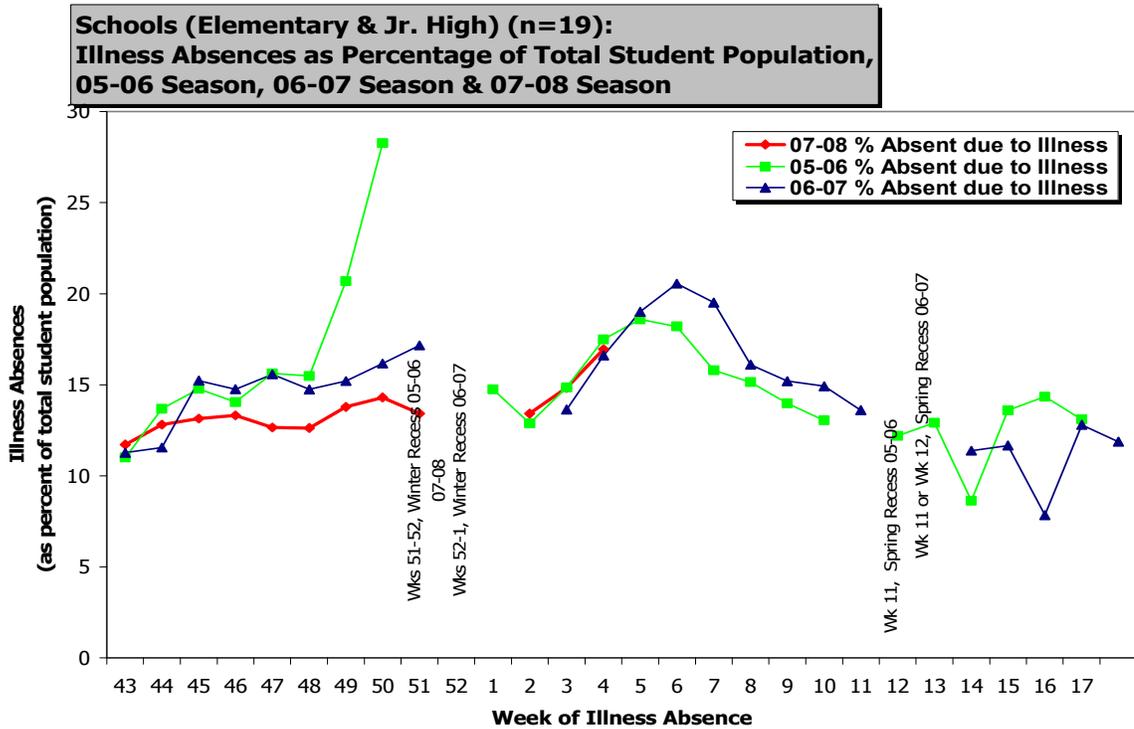


*Data for Weeks 50-3 of the 07-08 season is provisional and may change in subsequent reports as updated information becomes available.

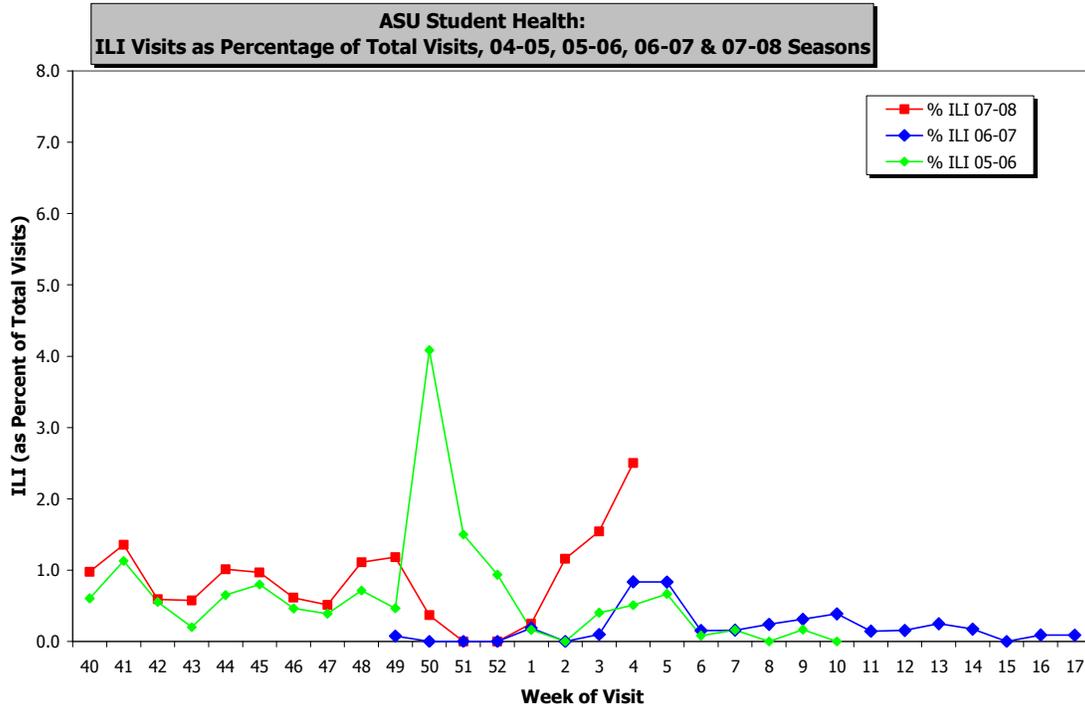
Influenza-Like Illness (ILI)* Surveillance



Absenteeism (due to illness), Elementary and Jr. High Schools



Arizona State University Student Health Clinic



Influenza Activity outside Maricopa County

Information on influenza activity outside Maricopa County is available at these sites:

- http://azdhs.gov/phs/oids/epi/flu/az_flu_surv.htm (Arizona Department of Health Services)
- <http://www.cdc.gov/flu/weekly/fluactivity.htm> (CDC)

Due to wide variability between national- and local-level data, it is not appropriate to apply any national baselines or thresholds to the information represented in this report.

Please email any questions about this report to: dereksteinke@mail.maricopa.gov.
Report generated: 02/01/08.

Influenza Surveillance Participants include:

Cigna Health Care Centers

Arizona State University- Campus Health Services

Hospital Emergency Departments & Infection Control Practitioners

- Banner Baywood Medical Center
- Banner Desert Medical Center
- Banner Good Samaritan Medical Center
- Carl T. Hayden VA Medical Center
- Del E. Webb Hospital
- John C. Lincoln Hospital - Deer Valley
- John C. Lincoln Hospital - North Mountain
- Maricopa Medical Center
- Mayo Clinic
- Mesa General Hospital
- Phoenix Indian Medical Center
- Phoenix Memorial Hospital
- Scottsdale Healthcare Shea
- Scottsdale Healthcare Osborne
- St. Joseph's Hospital & Medical Center
- St. Luke's Hospital
- Tempe St. Luke's Hospital
- Wickenburg Community Hospital

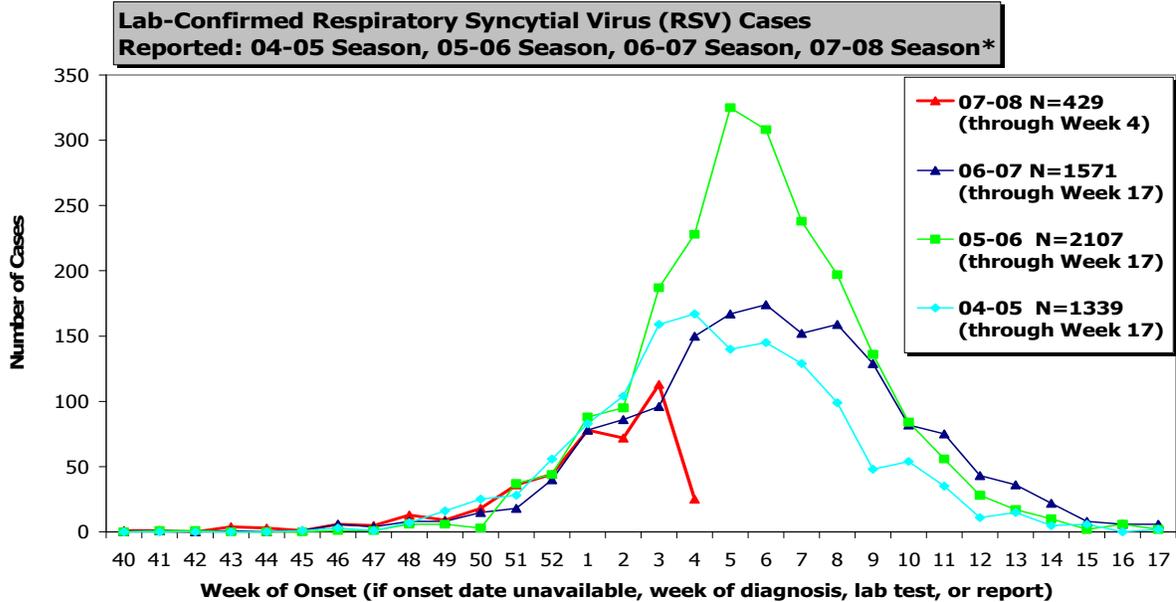
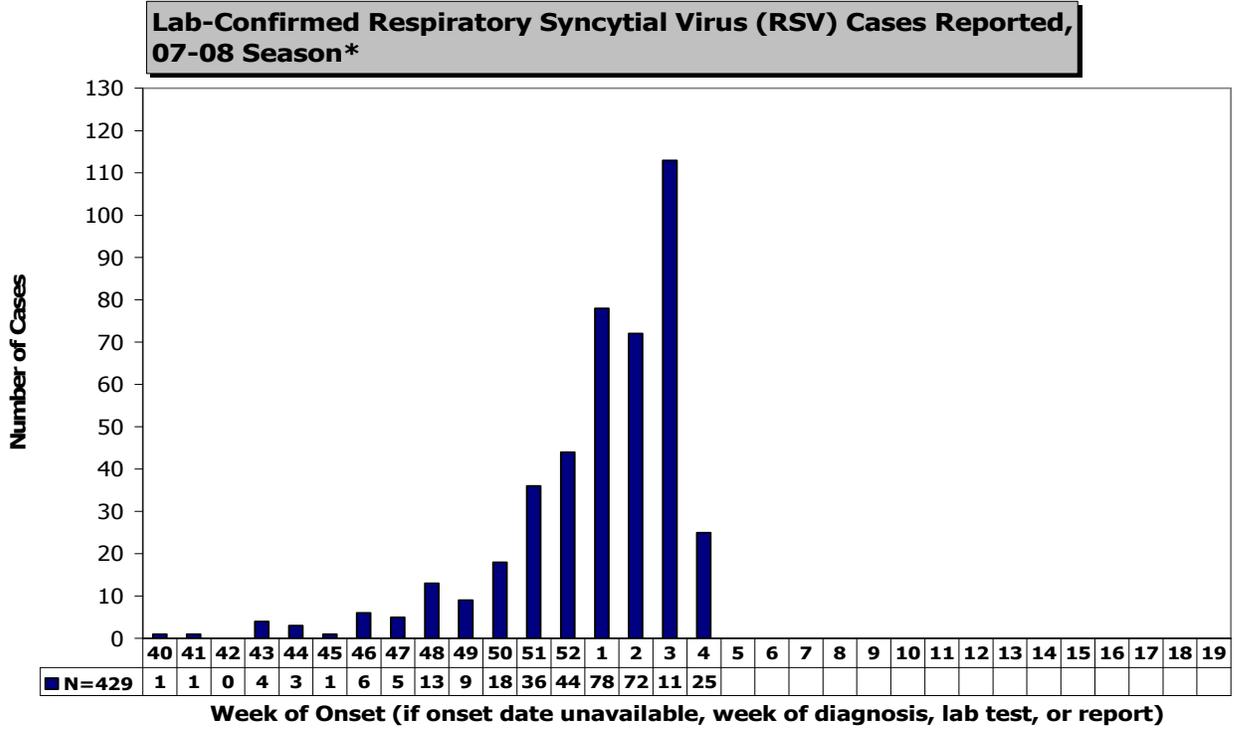
Schools (listed by school district)

- Deer Valley Unified School District
 - Legend Springs Elementary
 - New River Elementary
 - Park Meadows Elementary
- Gilbert Public Schools
 - Gilbert Jr. High
 - Harris Elementary
 - Technology & Leadership Academy
- Glendale Elementary School District
 - Burton Elementary
 - Horizon Elementary
- Mesa Public Schools
 - Barbara Bush Elementary
 - Field Elementary
 - Irving Elementary
 - Lowell Elementary
 - Salk Elementary
 - Whittier Elementary
 - Shepherd Jr. High
- Taylor Jr. High
- Morristown Elementary District
 - Morristown Elementary
- Paradise Valley Unified School District
 - Desert Cove Elementary
 - Desert Springs Elementary
 - North Ranch Elementary
- Tempe Elementary School District
 - Bustoz Elementary
 - Gilliland Middle
- Washington Elementary School District
 - Arroyo Elementary
 - Desert Foothills Jr. High
 - Lakeview Elementary
 - Ocotillo Elementary
 - Shaw Butte Elementary
 - Sunburst Elementary
 - Sweetwater Elementary

MARICOPA COUNTY RSV SUMMARY UPDATE WEEK 4 (1/20/08-1/26/08)

Respiratory Syncytial Virus (RSV) Lab Surveillance

At the time of this report, 429 lab-confirmed cases of RSV have been reported through Week 4.



*Counts for the most recent weeks of the 07-08 season may increase as additional cases are reported.