

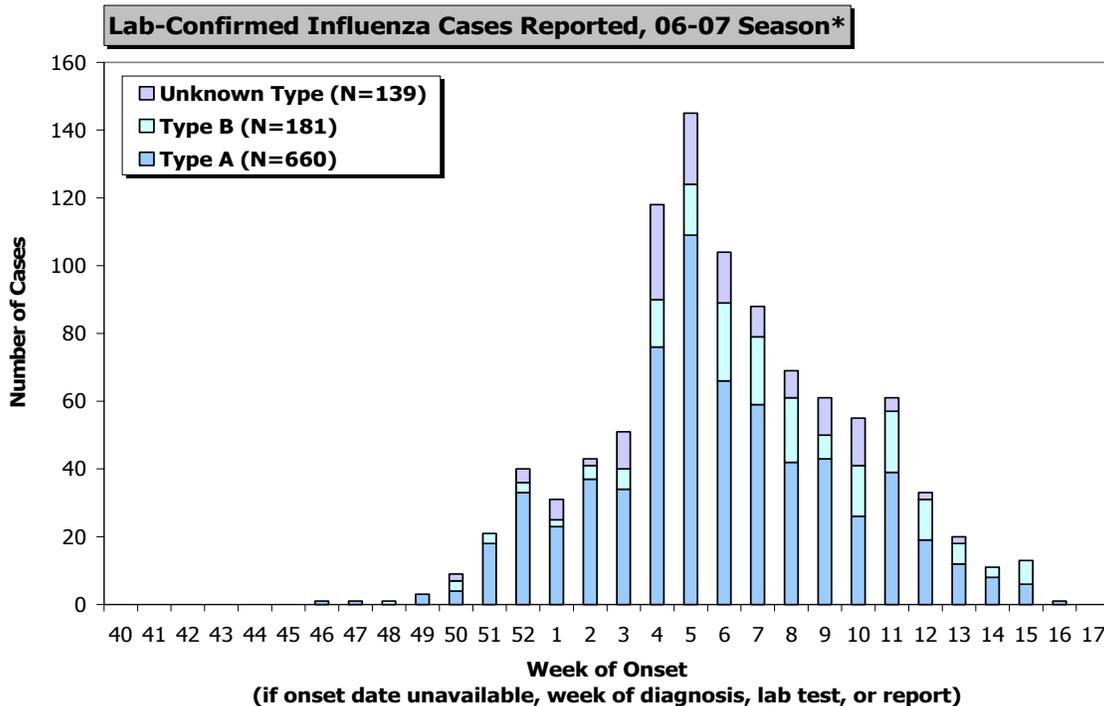
06-07 Influenza Season

MARICOPA COUNTY INFLUENZA SUMMARY UPDATE WEEK 17 (4/22/07-4/28/07)

- **Case Count: 980 lab-confirmed cases reported (through Week 17)**
- **Pneumonia & Influenza Mortality: 4.9% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 17)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
 - **Cigna Health Centers (n=20): 0.07% of visits due to ILI** (provisional data; subject to change as updated information becomes available)
 - **Hospital Emergency Departments (n=8): 2.3% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=32): 11.6% of students absent due to illness**

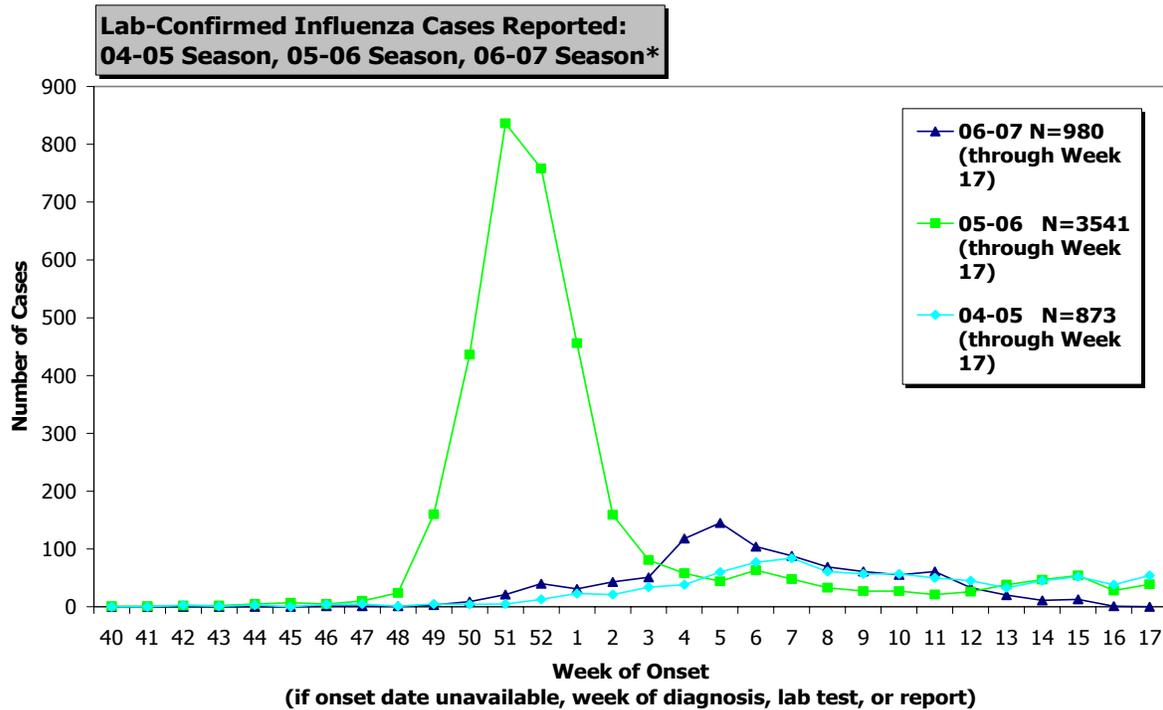
Lab Surveillance

At the time of this report, 980 lab-confirmed cases have been reported for the 06-07 season (through Week 17*).



*Counts for the most recent weeks of the 06-07 season may increase as additional cases are reported.

Lab Surveillance



*Counts for the most recent weeks of the 06-07 season may increase as additional cases are reported.

Pneumonia & Influenza Mortality Surveillance

For Week 17 (4/22/07-4/28/07), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 6.2% for the City of Phoenix, 4.3% for Maricopa County less the City of Phoenix, and 4.9% for all of Maricopa County.

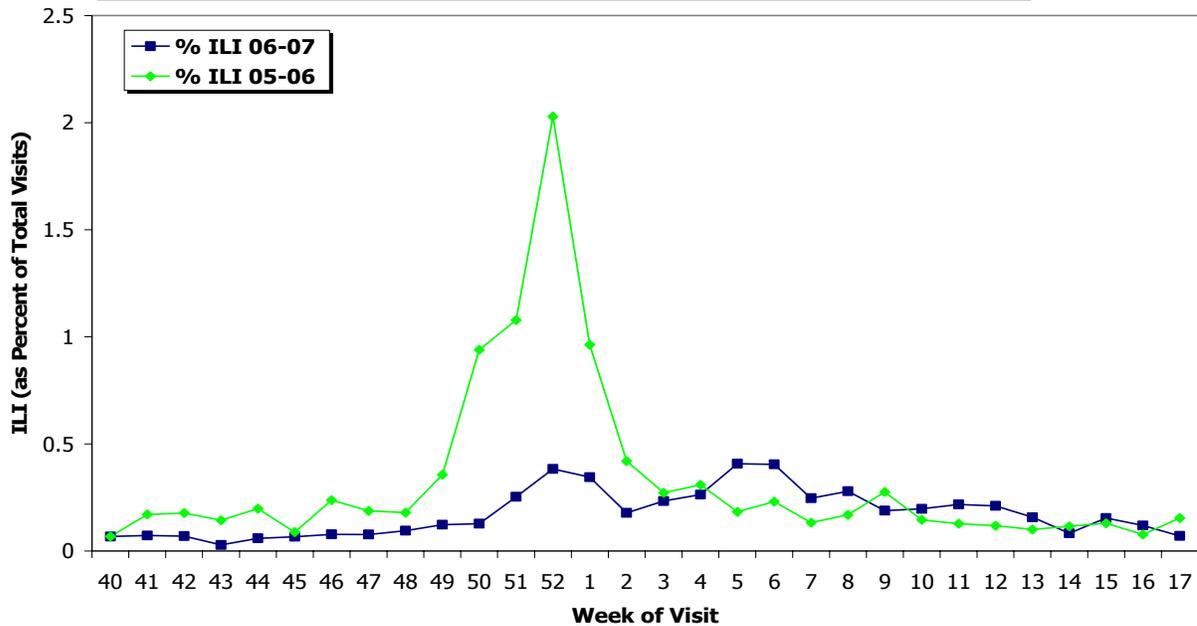
Influenza-Like Illness (ILI)* Surveillance

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

- During Week 17, 0.07%* of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 17 of the 05-06 season, 0.15% 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 8 hospitals) was 2.3% for Week 17. ER ILI percentages for Week 17 ranged from 0.1% to 7.1%.

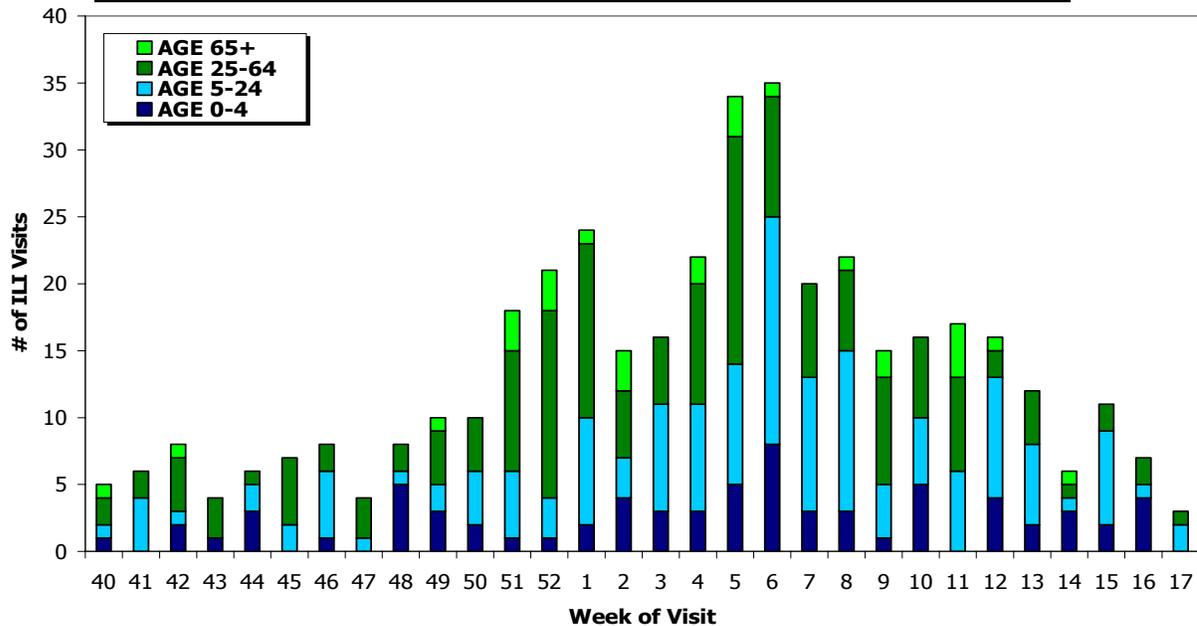
Influenza-Like Illness (ILI)* Surveillance

**Cigna Health Care Centers (n=20):
ILI Visits as Percentage of Total Visits, 05-06 Season & 06-07 Season***



*Data for Weeks 15-17 of the 06-07 season is provisional and may change in subsequent reports as updated information becomes available.

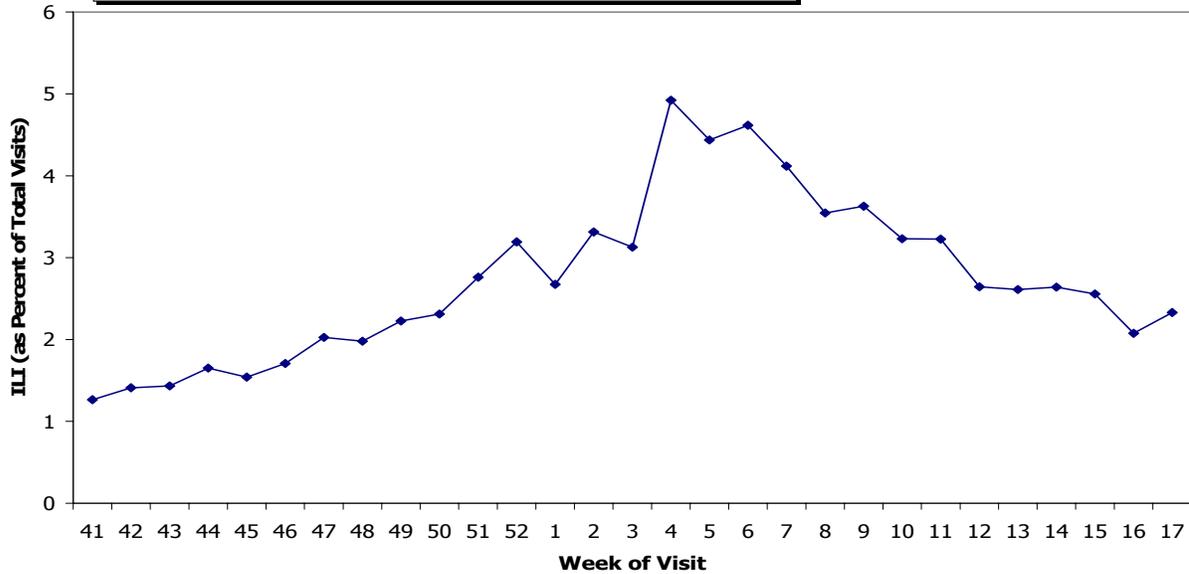
**Cigna Health Care Centers (n=20):
Number of Visits for Influenza-Like Illness (by age group)*, 06-07 season**



*Data for Weeks 15-17 of the 06-07 season is provisional and may change in subsequent reports as updated information becomes available.

Influenza-Like Illness (ILI)* Surveillance

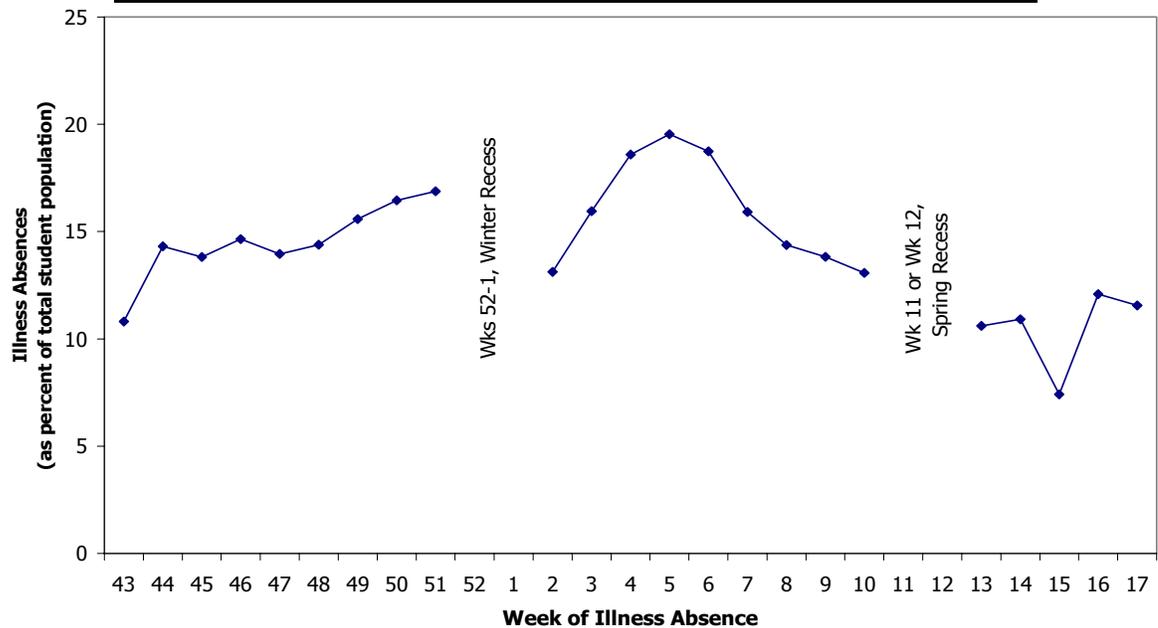
**Hospital Emergency Departments (n=8*):
ILI Visits as Percentage of Total Visits, 06-07 Season
*Week 17 Range 0.1%-7.1%**



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

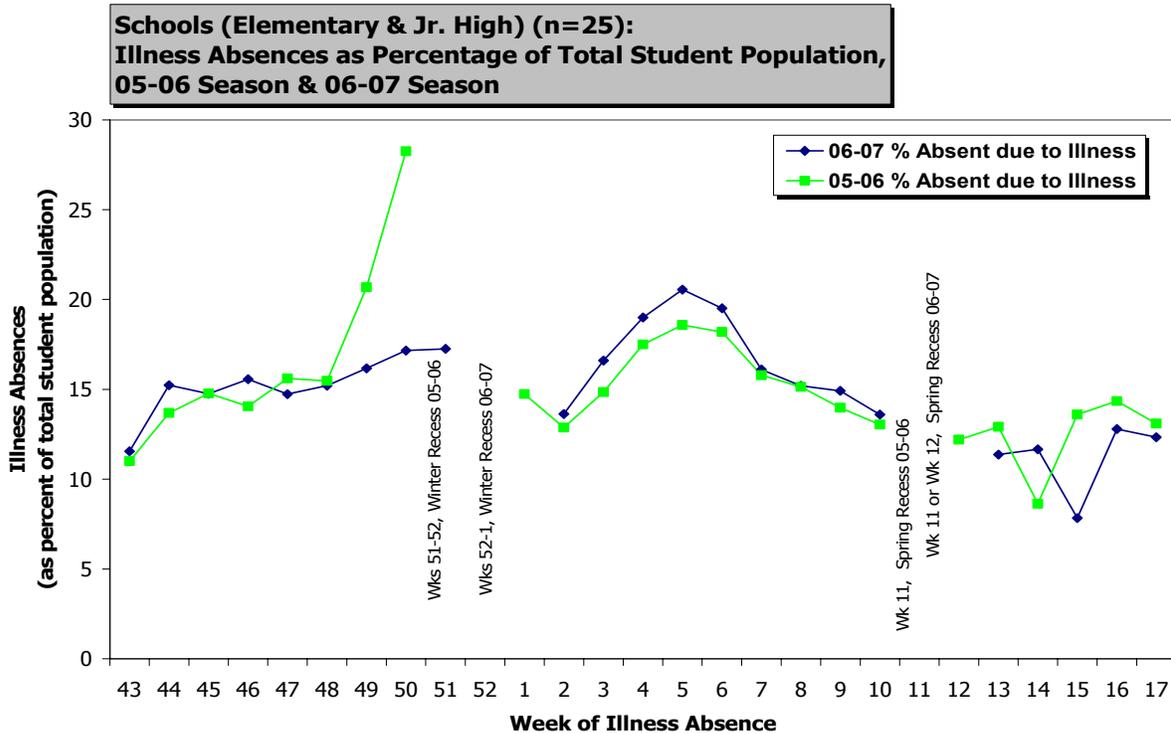
- Absenteeism data is not available for Week 52 through Week 1 due to Winter Recess, nor for Weeks 11-12 due to Spring Recess. The percentage of students absent due to illness (data from 32 schools) was 11.6% for Week 17.

**Schools (Elementary & Jr. High) (n=32):
Illness Absences as Percentage of Total Student Population, 06-07 Season**



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

- For 25 of the 32 schools, data is available for both the 06-07 and the 05-06 season. For these schools, the percentage of students absent due to illness was 12.3% for Week 17 of this season, and 13.1% for Week 17 of the 05-06 season.



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: nataliefuller@mail.maricopa.gov .
Report generated: 5/4/07.*

Influenza Surveillance Participants include:

Cigna Health Care Centers

NextCare Urgent Care Centers

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

Arizona State University Campus Health

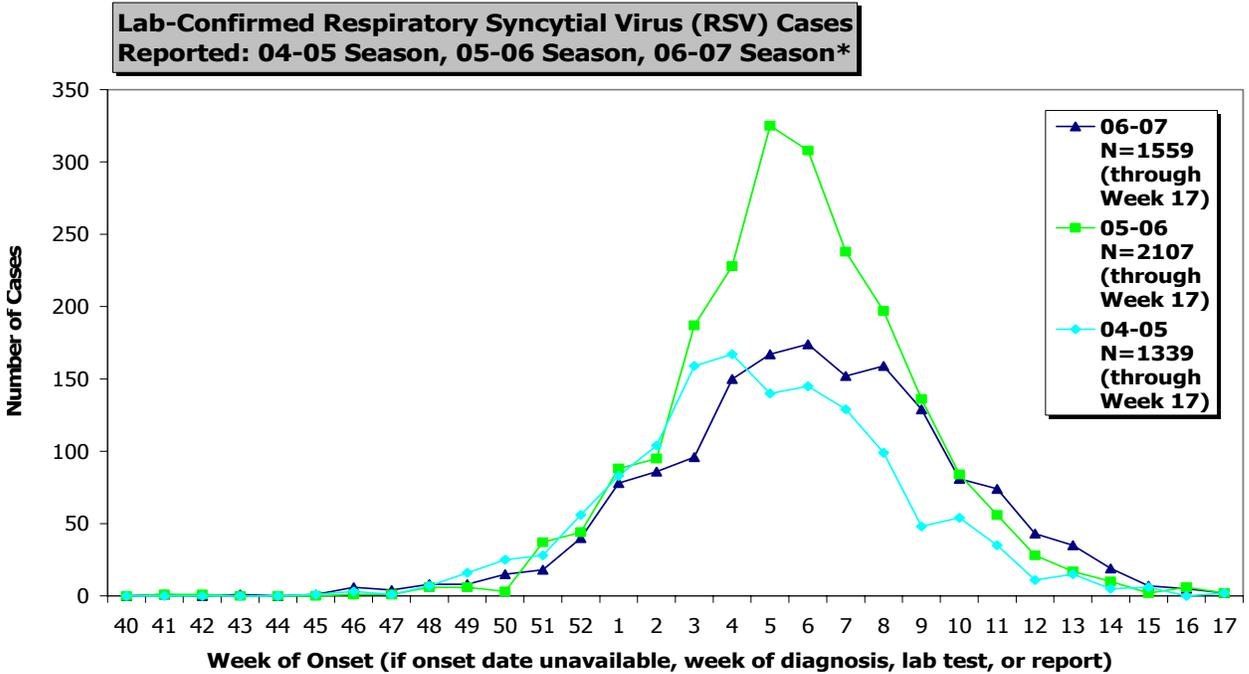
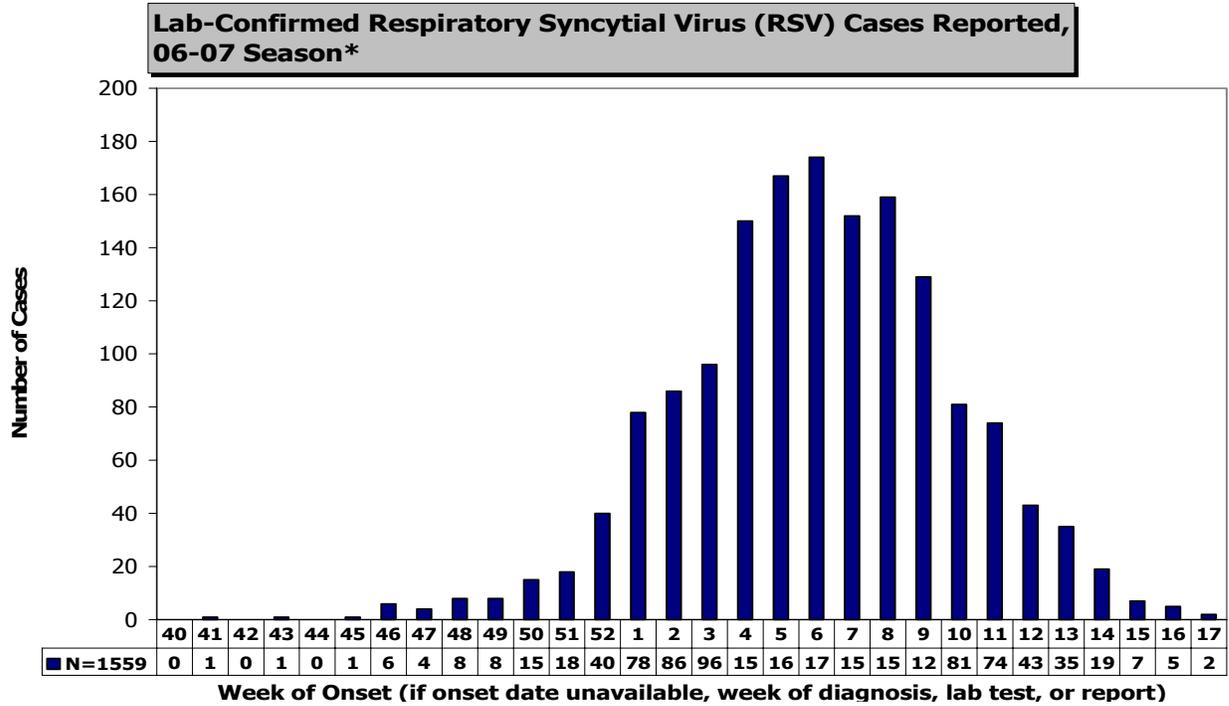
Schools (listed by school district)

- Cartwright School District
 - Pena Elementary
- Deer Valley Unified School District
 - Legend Springs Elementary
 - New River Elementary
 - Park Meadows Elementary
 - Sunset Ridge 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
 - Mountain Sky Jr. High
 - Ocotillo Elementary
 - Shaw Butte Elementary
 - Sunburst Elementary
 - Sweetwater Elementary

MARICOPA COUNTY RSV SUMMARY UPDATE WEEK 17 (4/22/07-4/28/07)

Respiratory Syncytial Virus (RSV) Lab Surveillance

At the time of this report, 1559 lab-confirmed cases of RSV have been reported through Week 17.



*Counts for the most recent weeks of the 06-07 season may increase as additional cases are reported.