

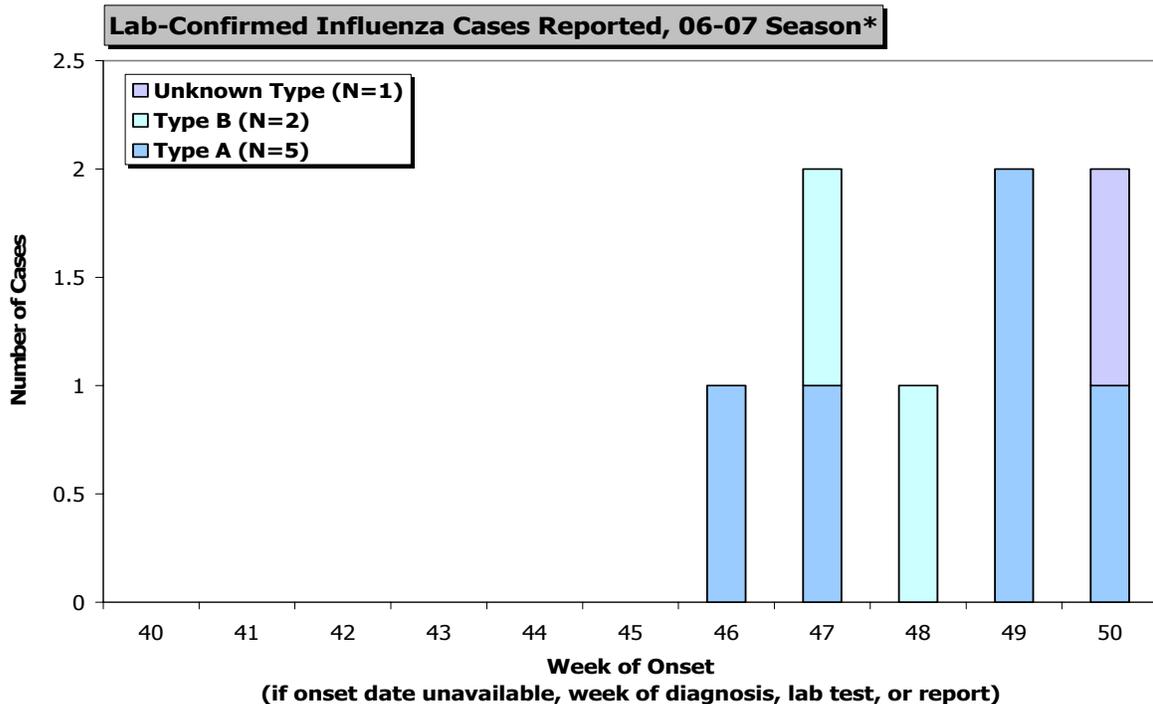
## 06-07 Influenza Season

### **MARICOPA COUNTY INFLUENZA SUMMARY UPDATE WEEK 50 (12/10/06-12/16/06)**

- **Case Count: eight lab-confirmed cases reported (through Week 50)**
- **Pneumonia & Influenza Mortality: 5.4% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 50)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
  - **Hospital Emergency Departments (n=12): 1.9% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=32): 16.5% of students absent due to illness**

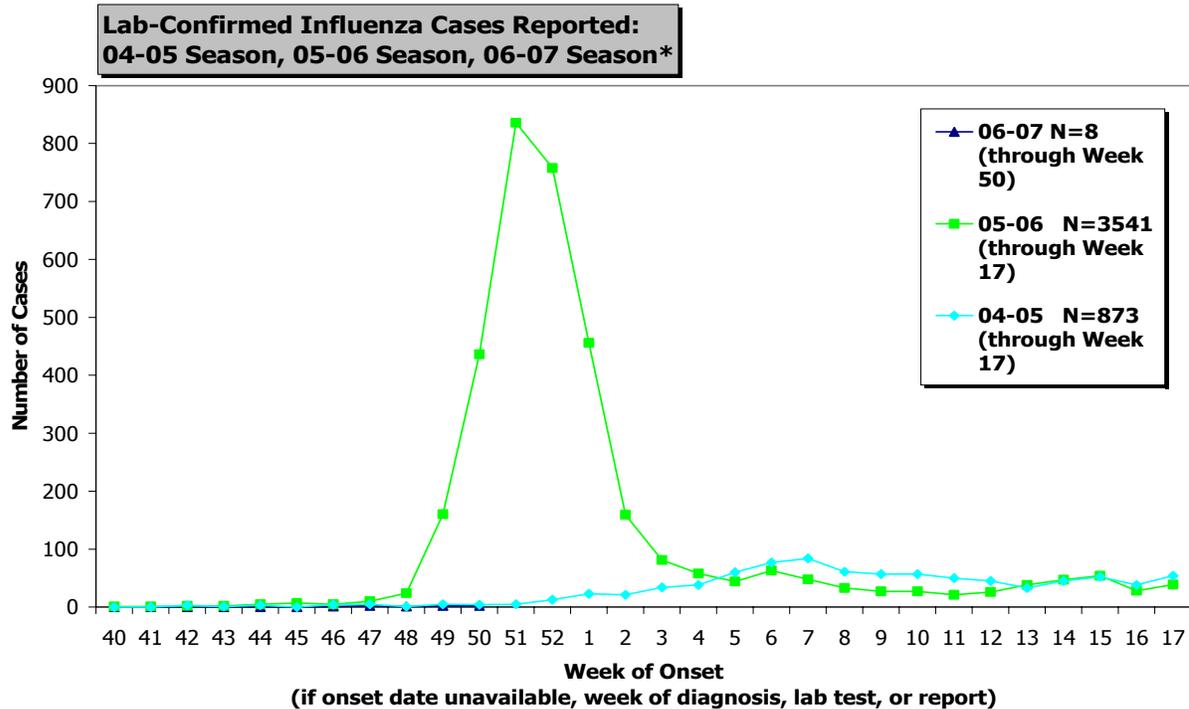
#### **Lab Surveillance**

At the time of this report, eight lab-confirmed cases have been reported for the 06-07 season (through Week 50).



\*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 50 (12/10/06-12/16/06), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 6.7% for the City of Phoenix, 4.8% for Maricopa County less the City of Phoenix, and 5.4% for all of Maricopa County.

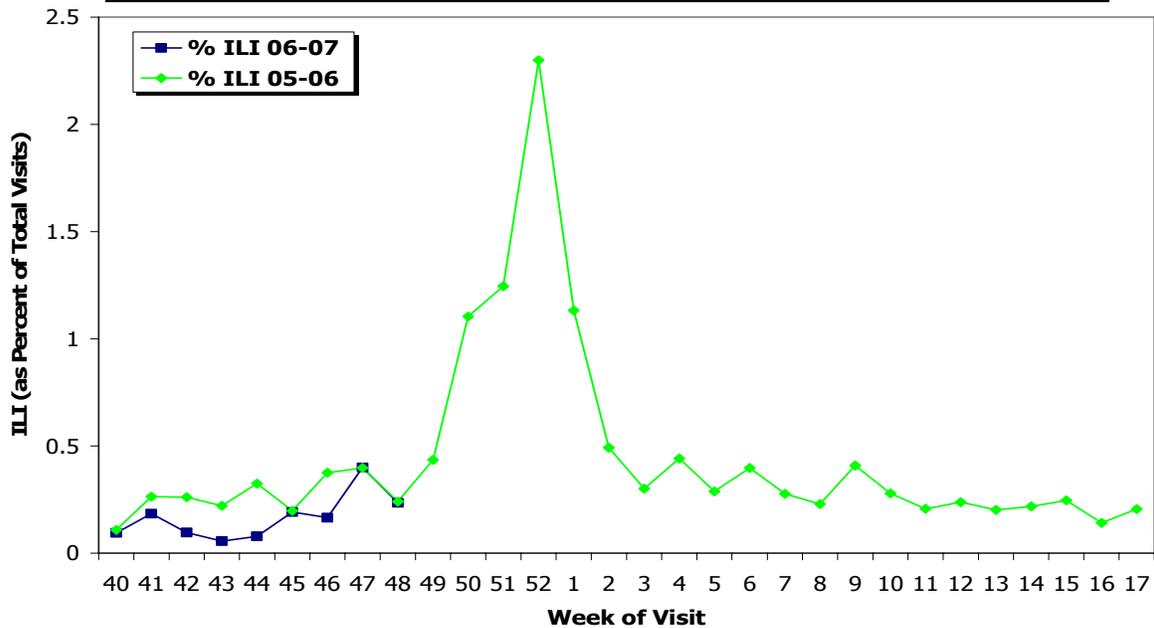
**Influenza-Like Illness (ILI)\* Surveillance**

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

- At the time of this report, Cigna ILI data was not yet available for Weeks 49 and 50. Data for these weeks will be included in subsequent reports. During Week 48, 0.23%\* of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 48 of the 05-06 season, 0.24% 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 12 hospitals) was 1.9% for Week 50.

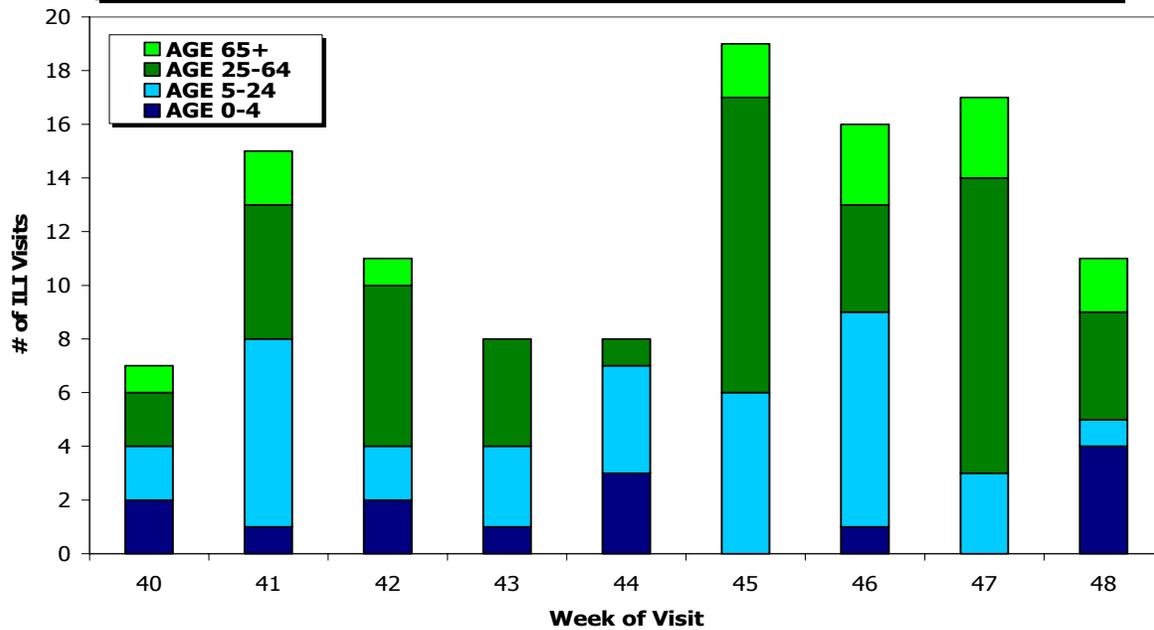
**Influenza-Like Illness (ILI)\* Surveillance**

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



\*Data for Weeks 46-48 of the 06-07 season is provisional and may change in subsequent reports as updated information becomes available.

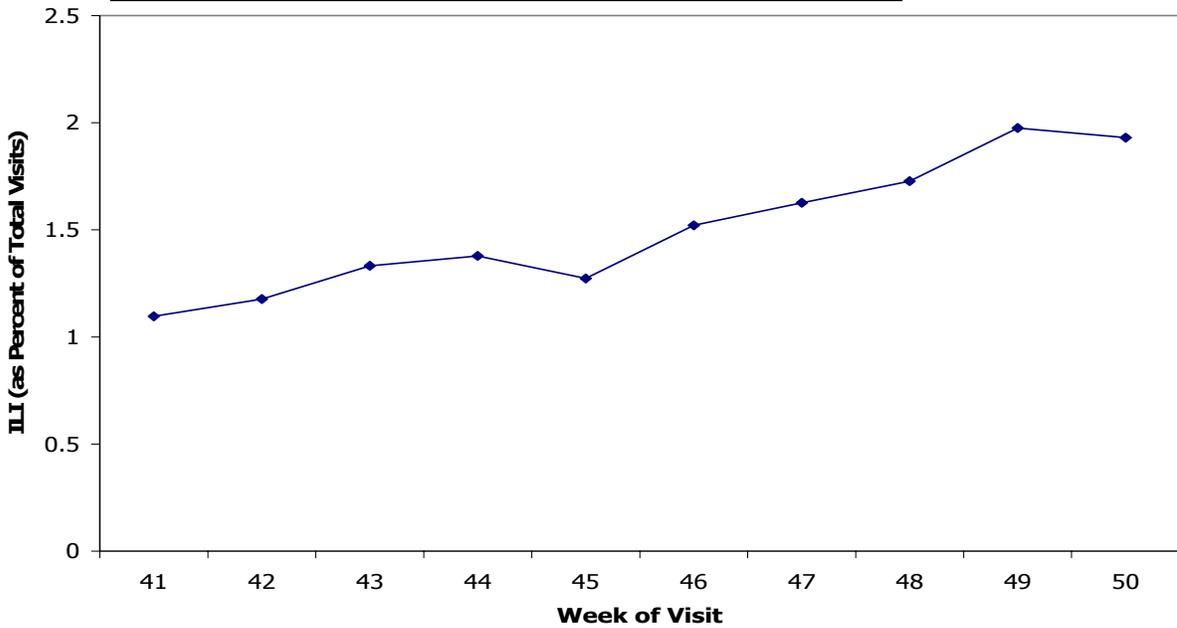
**Cigna Health Care Centers (n=20):  
Number of Visits for Influenza-Like Illness (by age group)\*, 06-07 season**



\*Data for Weeks 46-48 of the 06-07 season is provisional and may change in subsequent reports as updated information becomes available.

***Influenza-Like Illness (ILI)\* Surveillance***

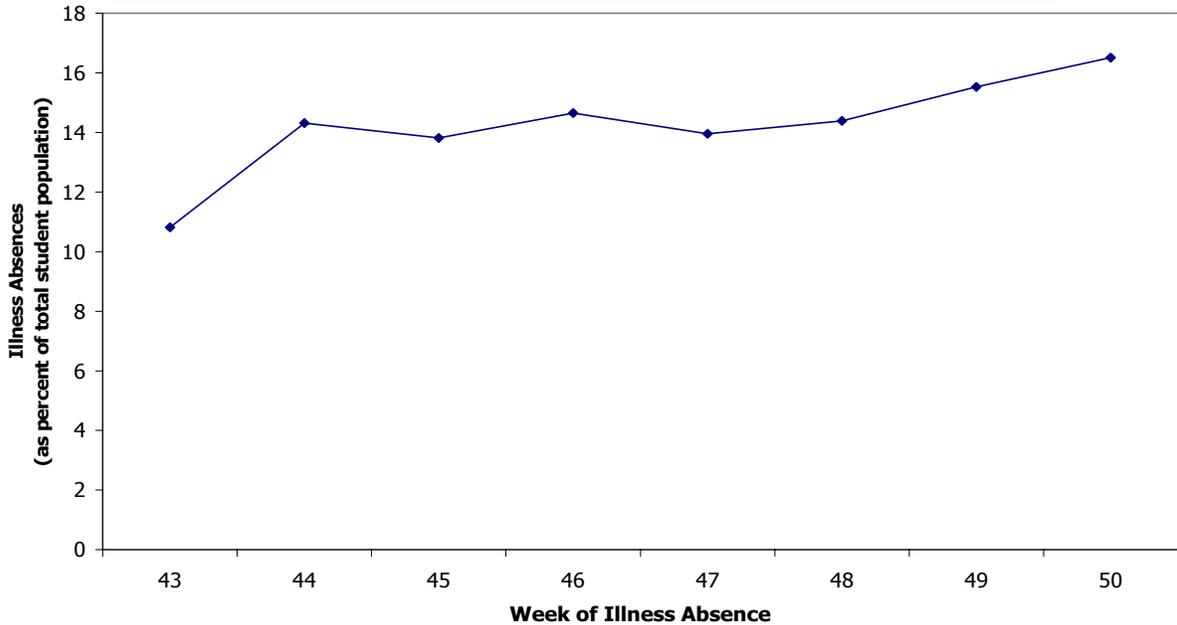
**Hospital Emergency Departments (n=12):  
ILI Visits as Percentage of Total Visits, 06-07 Season**



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

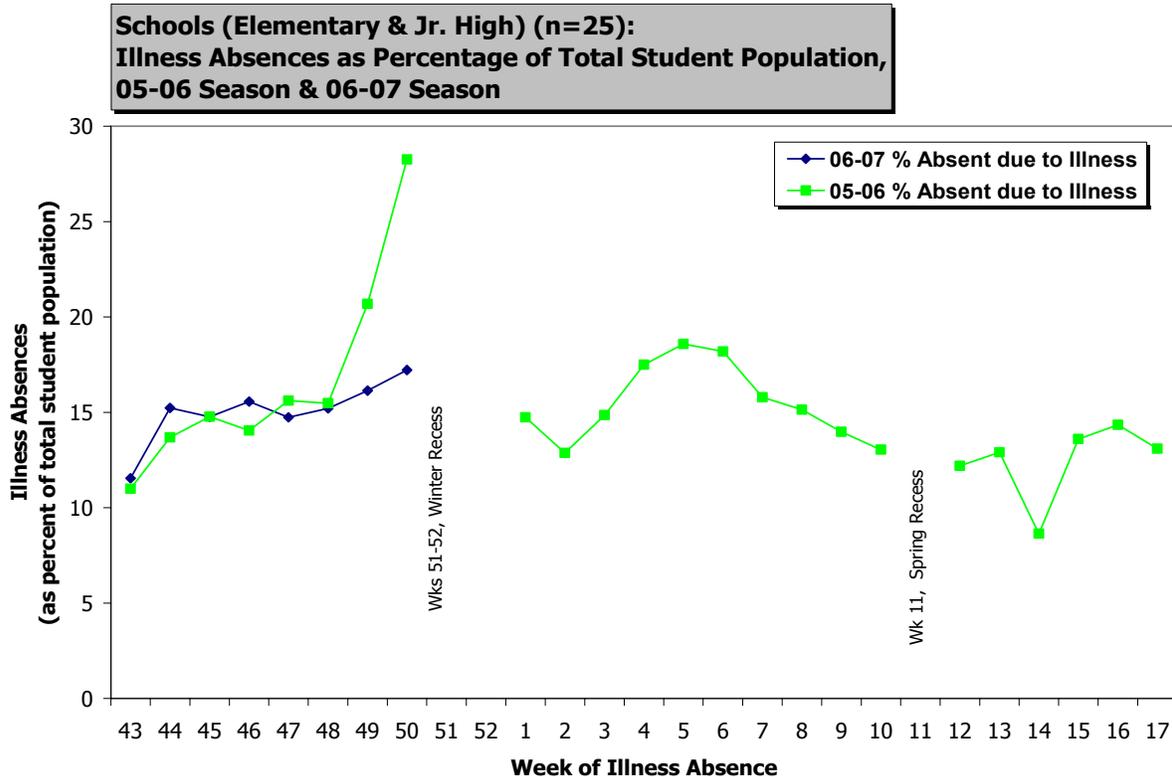
- The percentage of students absent due to illness (data from 32 schools) was 16.5% for Week 50.

**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 17.2% for Week 50 of this season, and 28.3% for Week 50 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](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](mailto:nataliefuller@mail.maricopa.gov) .

Report generated: 12/21/06. Correction: 12/28/06.

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

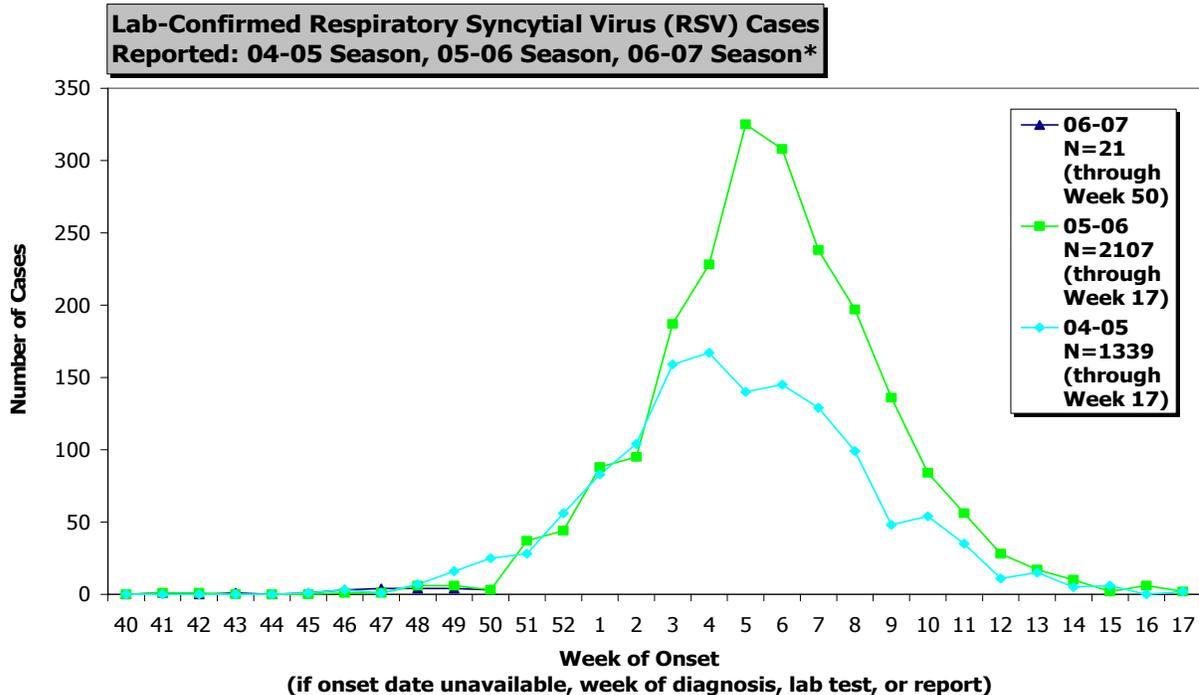
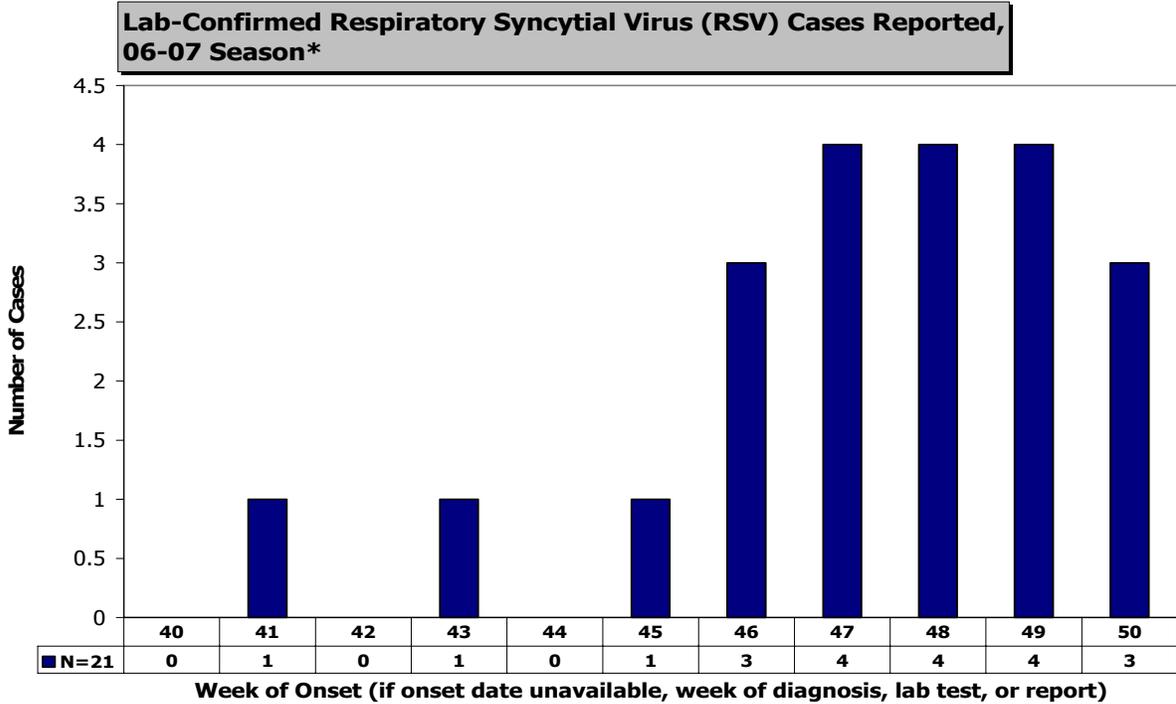
Schools (listed by school district)

- 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 50 (12/10/06-12/16/06)

### *Respiratory Syncytial Virus (RSV) Lab Surveillance*

At the time of this report, 21 lab-confirmed cases of RSV have been reported (total through Week 50).



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