

**MARICOPA COUNTY INFLUENZA SUMMARY UPDATE**  
**WEEK 45 (11/5/06-11/11/06)**

- **Case Count: No lab-confirmed cases.** (Please see definition of “lab-confirmed” influenza provided below.)
- **Pneumonia & Influenza Mortality: 5.7% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 45)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
  - **Cigna Health Centers (n=20): 0.24% of visits due to ILI** (percentage subject to change as updated information becomes available)
  - **Hospital Emergency Departments (n=12): 1.3% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=32): 13.8% of students absent due to illness**

***Lab Surveillance***

At the time of this report, no lab-confirmed cases of influenza have been reported (through Week 45).

“Lab-Confirmed” Cases: Cases confirmed by culture or PCR are considered to be “lab-confirmed” regardless of seasonal timing. After the first culture-confirmed or PCR-confirmed case of the season has been reported in Maricopa County, cases confirmed via DFA or rapid test will also be considered “lab-confirmed”.

***Pneumonia & Influenza Mortality Surveillance***

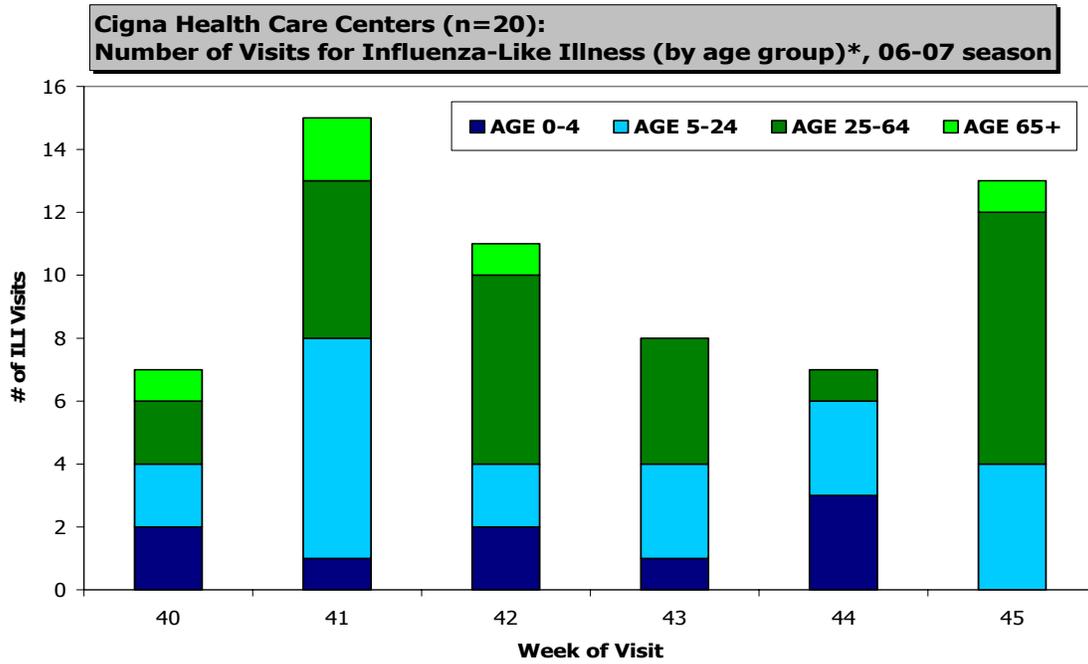
For Week 45 (11/5/06-11/11/06), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 7.5% for the City of Phoenix, 4.6% for Maricopa County less the City of Phoenix, and 5.7% for all of Maricopa County.

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

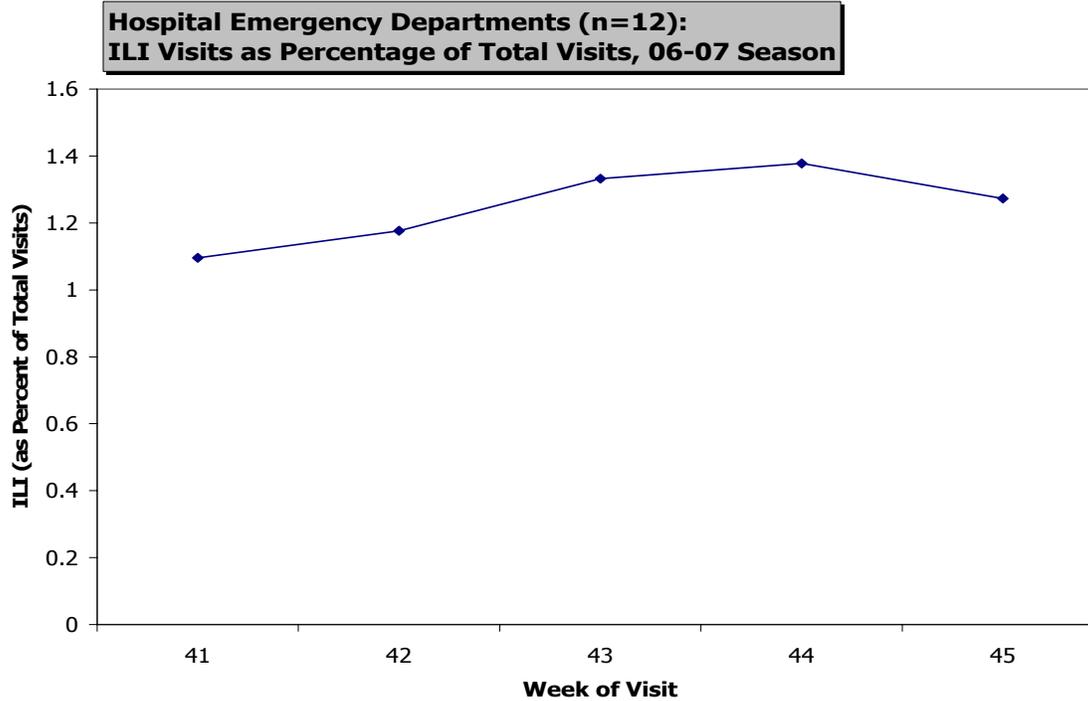
\*ILI case definition: fever (at least 100°F) AND cough and/or sore throat.

- During Week 45, 0.24%\* of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 45 of the 05-06 season, 0.2% 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 1.3% for Week 45.

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



\*Counts for Weeks 43-45 may change in subsequent reports as updated information becomes available.



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

- The percentage of students absent due to illness (data from 32 schools) was 13.8% for Week 45.
- 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 between 11% and 16% for Weeks 43-45 of this season. This rate is comparable to the illness absenteeism rate reported for these schools during this time period last season (between 11% and 15%).

### ***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: 11/18/06.*

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 45 (11/5/06-11/11/06)**

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

At the time of this report, two lab-confirmed case of RSV have been reported (through Week 45).