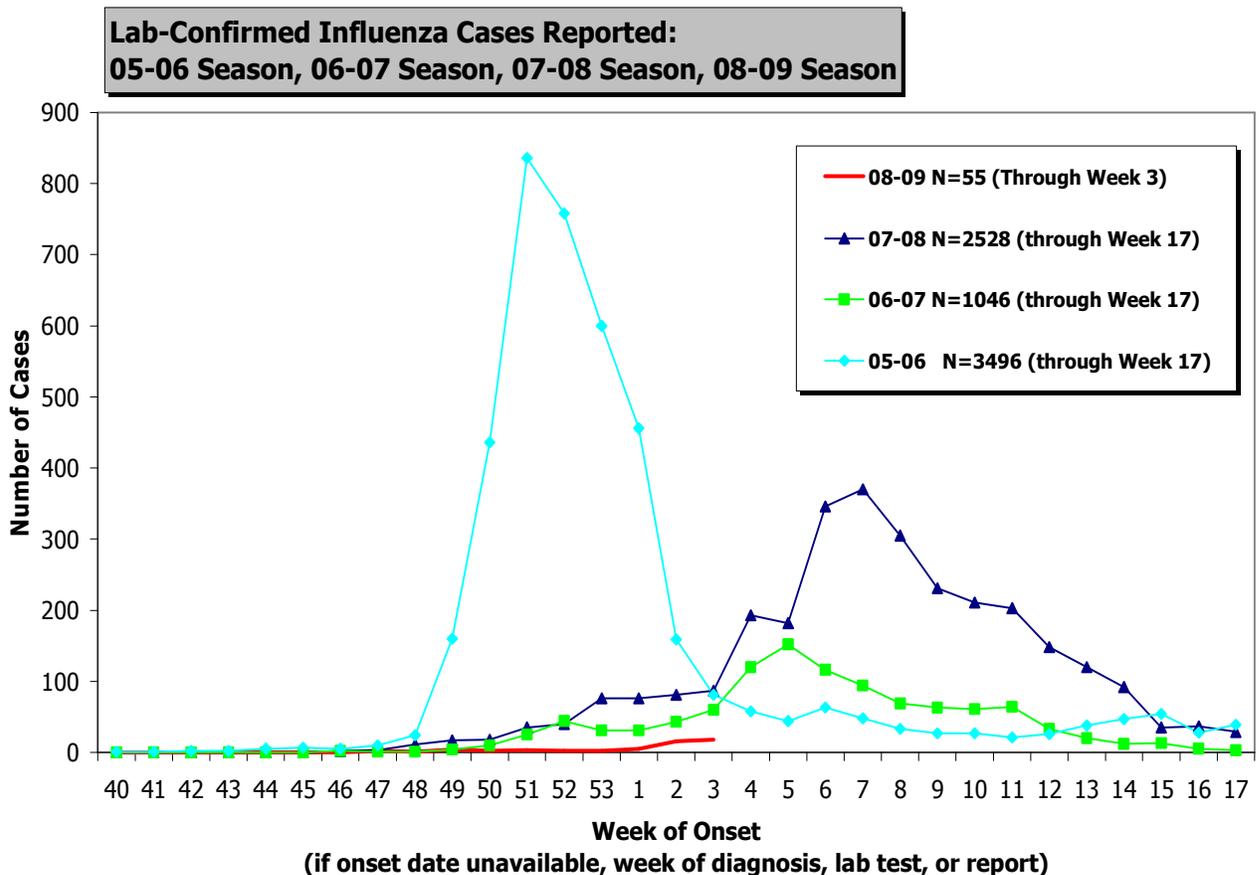


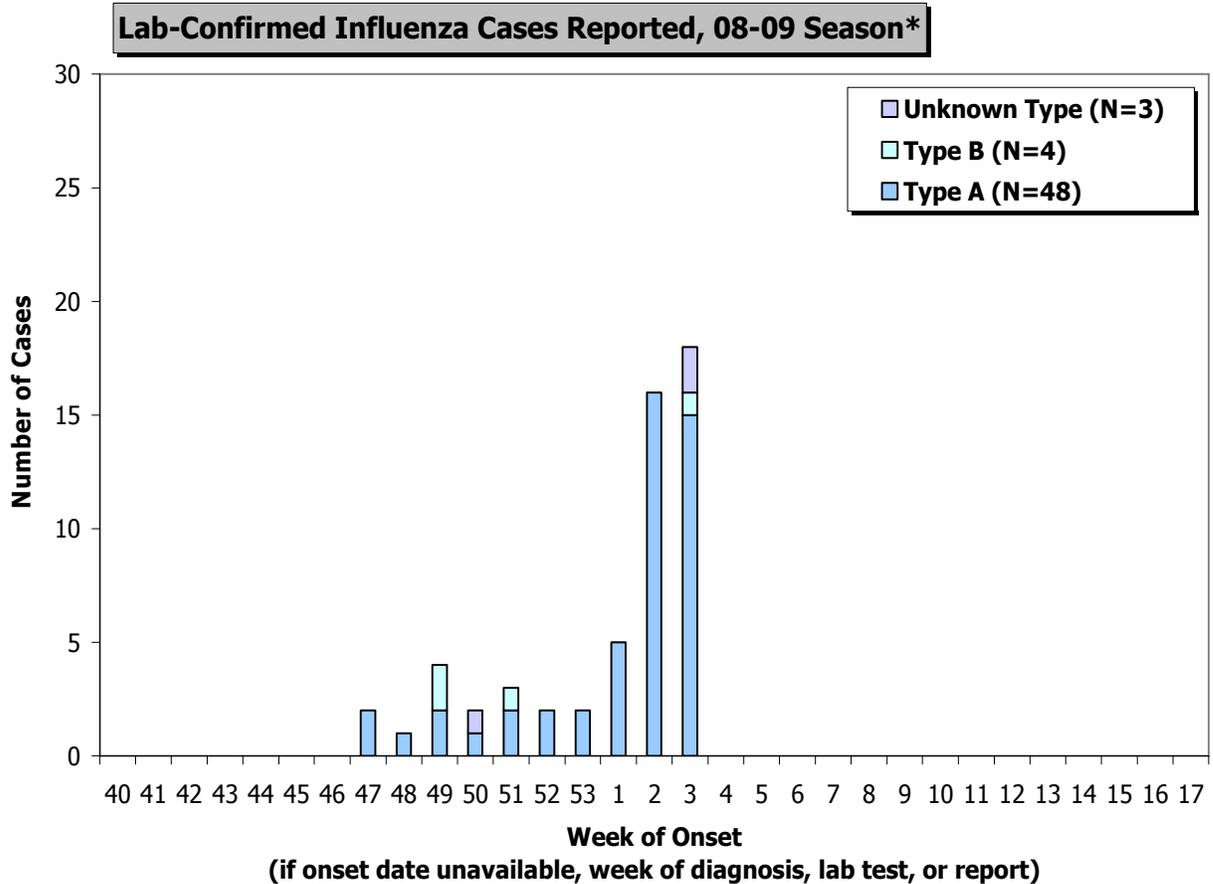
MARICOPA COUNTY INFLUENZA SUMMARY UPDATE
WEEK 3 (1/18/09-1/24/09)

- **Case Count: 55 lab-confirmed cases reported (through Week 3)**
- **Pneumonia & Influenza Mortality: 7.50% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 3)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
 - **Cigna Health Centers (n=20): 0.18% of visits due to ILI.** (provisional data; subject to change as updated information becomes available)
 - **Hospital Emergency Departments (n=17): 2.31% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=19): 18.04% of students out ill during week 3.**

Lab Surveillance

At the time of this report, 55 lab-confirmed cases have been reported for the 08-09 season through Week 3.





Pneumonia & Influenza Mortality Surveillance

For Week 3 (1/18/09-1/24/09), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 7.20% for the City of Phoenix, 7.66% for Maricopa County less the City of Phoenix, and 7.50% for all of Maricopa County.

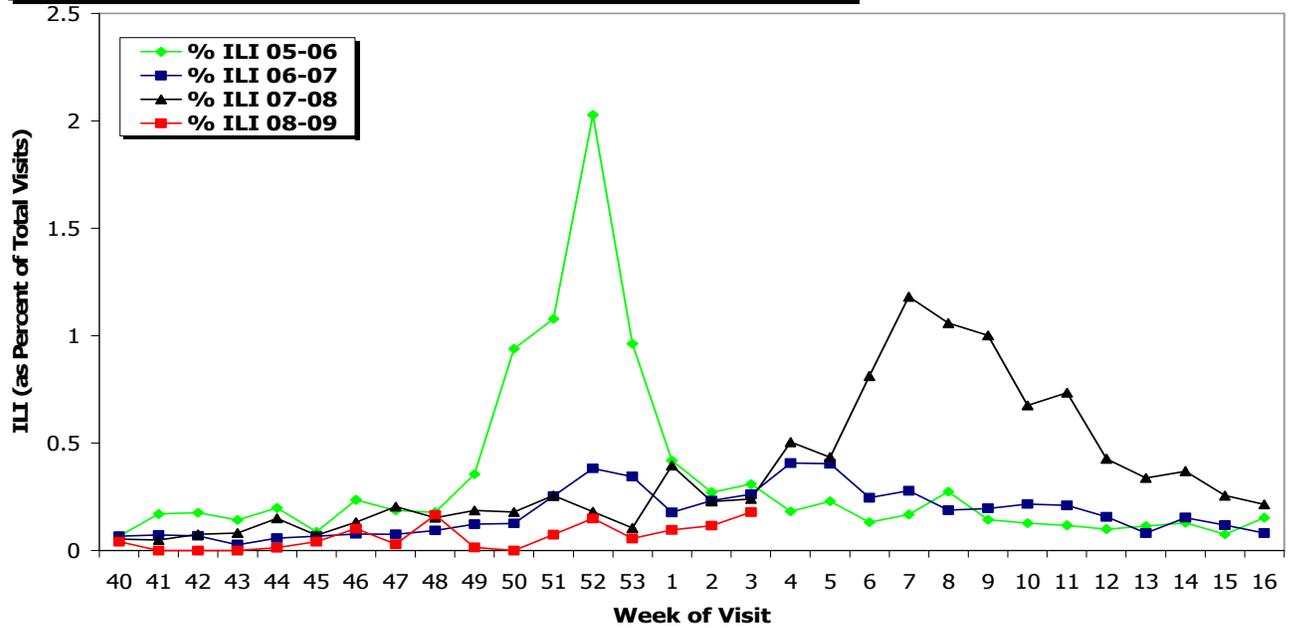
Influenza-Like Illness (ILI)* Surveillance

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

- During Week 3, 0.18% 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, 0.24% (07-08) and 0.26% (06-07) 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 17 hospitals) was 2.31% for Week 3.

Influenza-Like Illness (ILI)* Surveillance

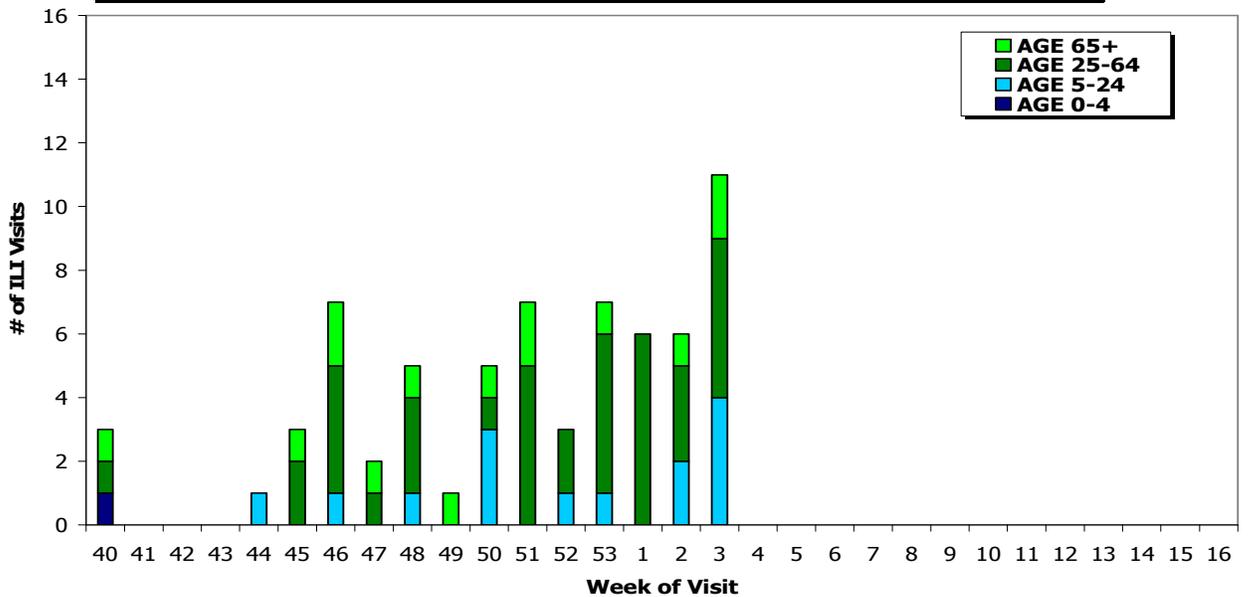
**Cigna Health Care Centers (n=20):
ILI Visits as Percentage of Total Visits,
05-06 Season, 06-07 Season, 07-08 Season & 08-09 Season**



*Data for Weeks 53-3 of the 08-09 season is provisional and may change in subsequent reports as updated information becomes available.

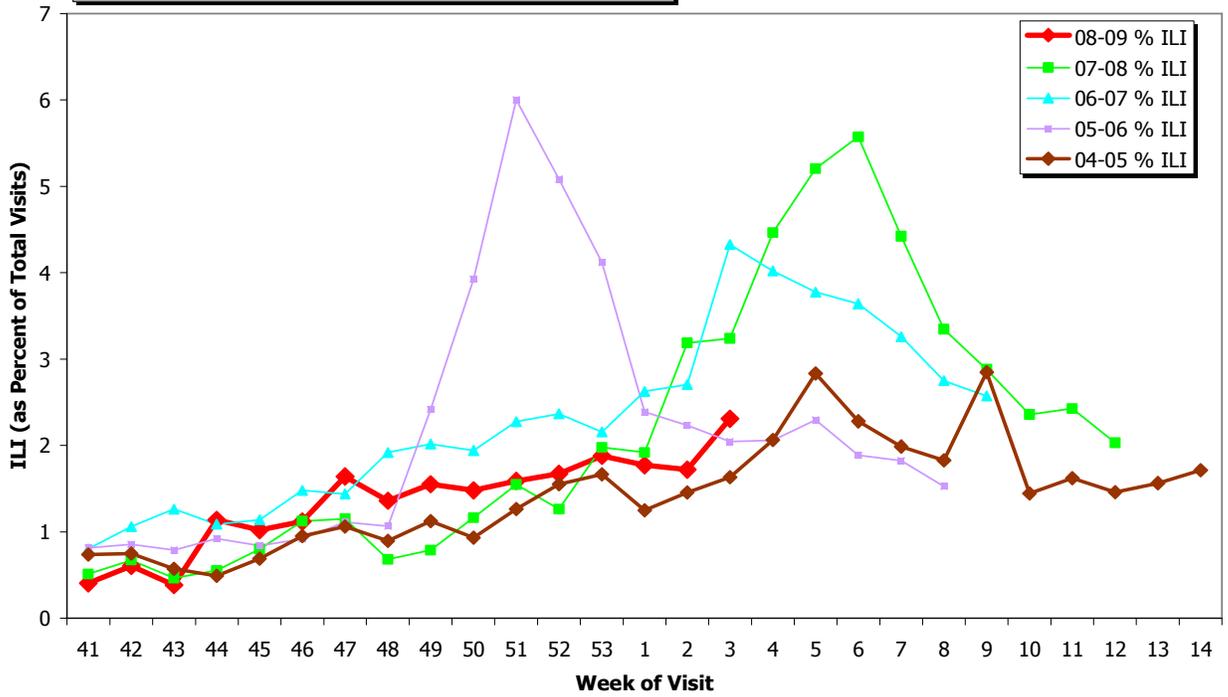
Influenza-Like Illness (ILI)* Surveillance

**Cigna Health Care Centers (n=20):
Number of Visits for Influenza-Like Illness (by age group)*, 08-09 season**



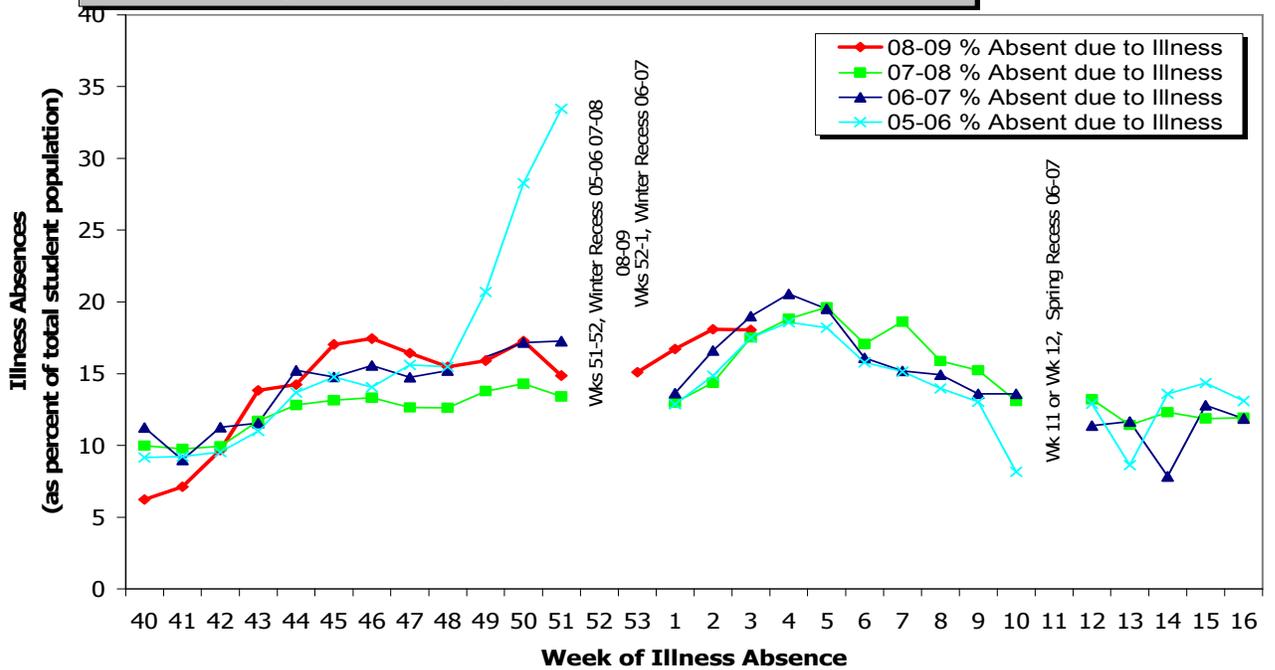
*Data for Weeks 53-3 of the 08-09 season is provisional and may change in subsequent reports as updated information becomes available.

**Hospital Emergency Departments (n=17):
ILI Visits as Percentage of Total Visits
04-05, 05-06, 06-07, 07-08 & 08-09 Seasons**

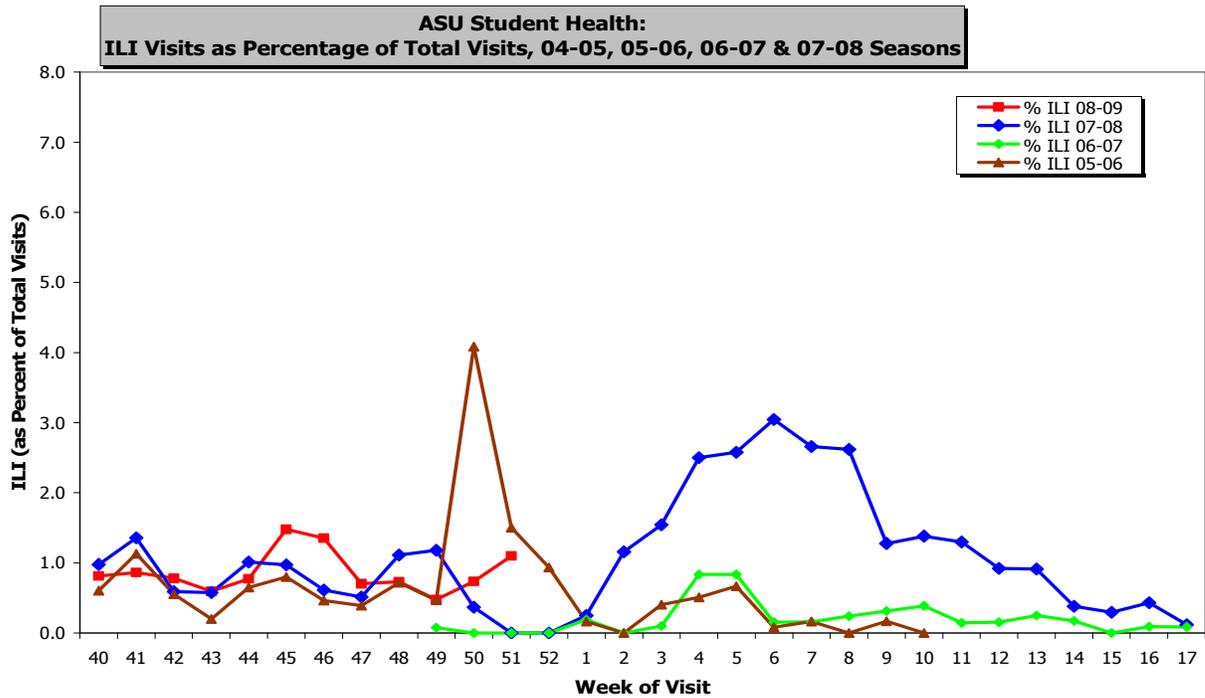


Absenteeism (due to illness), Elementary and Jr. High Schools

**Schools (Elementary & Jr. High) (n=19):
Illness Absences as Percentage of Total Student Population,
05-06 Season, 06-07 Season, 07-08 Season & 08-09 Season**



Arizona State University Student Health Clinic



**School Break*

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: 1/30/09.

Influenza Surveillance Participants include:

Cigna Health Care Centers

Arizona State University- Campus Health Services

Hospital Emergency Departments & Infection Control Practitioners

- Banner Baywood Hospital
- Banner Desert Hospital
- Banner Estrella Hospital
- Banner Gateway Hospital
- Banner Good Samaritan
- Banner Del E. Webb Hospital
- Arrowhead Hospital
- Carl T. Hayden VA Medical Center
- John C Lincoln North Mountain
- MMC
- St. Josephs Hospital
- St. Luke's Hospital
- Tempe St. Luke's
- Scottsdale Healthcare Shea
- Scottsdale Healthcare Osborne
- Scottsdale Healthcare Thompson Peak
- Wickenburg Community Hospital

Schools (listed by school district)

- Deer Valley Unified School District
 - Legend Springs Elementary
 - New River Elementary
 - Park Meadows Elementary
- 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
- Washington Elementary School District
 - Arroyo Elementary
 - Desert Foothills Jr. High
 - Lakeview Elementary
 - Ocotillo Elementary
 - Shaw Butte Elementary
 - Sunburst Elementary
 - Sweetwater Elementary

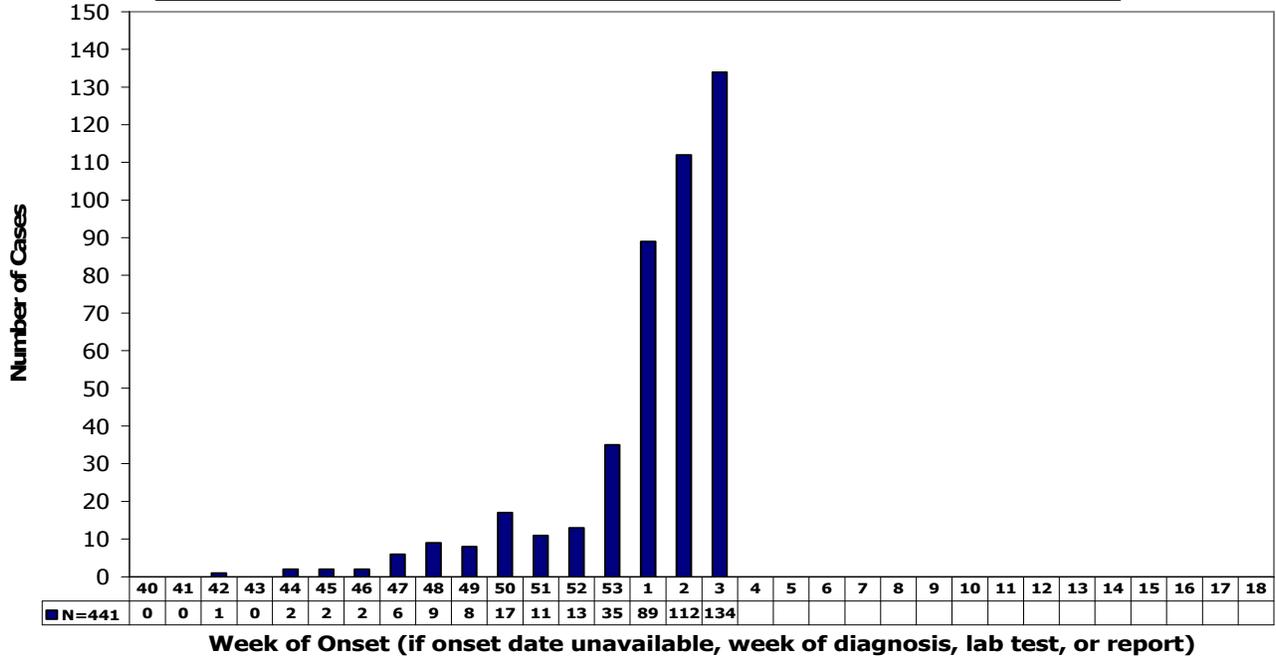
MARICOPA COUNTY RSV SUMMARY UPDATE

WEEK 3 (1/18/09-1/24/09)

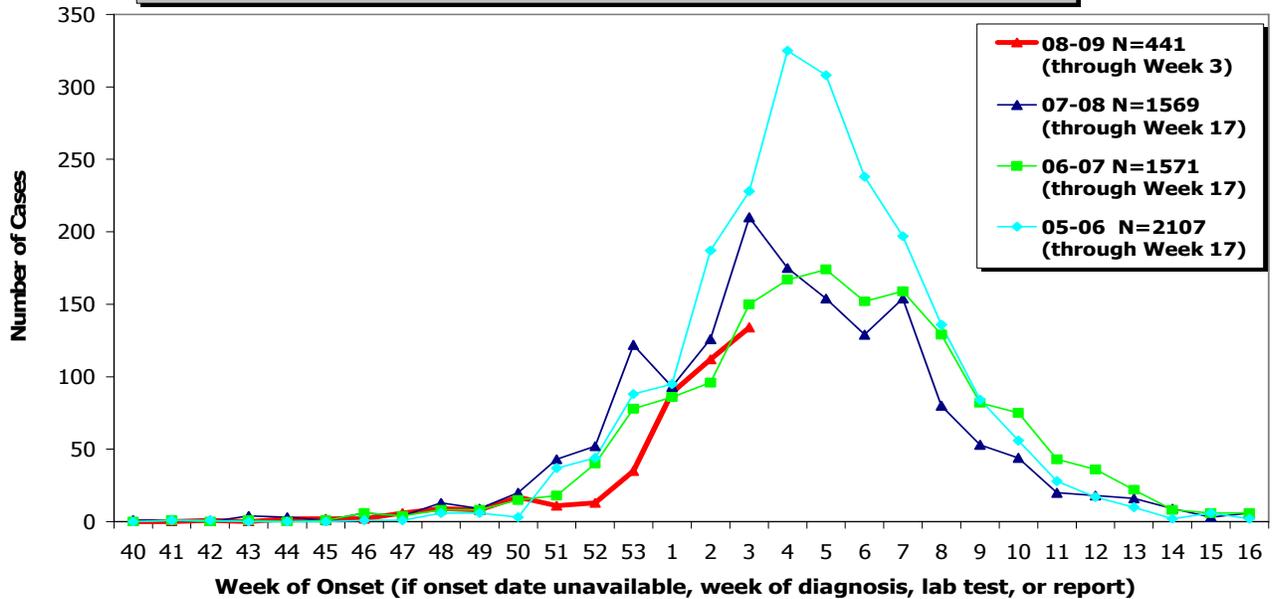
Respiratory Syncytial Virus (RSV) Lab Surveillance

At the time of this report, 441 lab-confirmed cases of RSV have been reported through Week 3.

Lab-Confirmed Respiratory Syncytial Virus (RSV) Cases Reported, 08-09 Season*



Lab-Confirmed Respiratory Syncytial Virus (RSV) Cases Reported: 05-06 Season, 06-07 Season, 07-08 Season, 08-09 Season



*Counts for the most recent weeks of the 08-09 season may increase as additional cases are reported.