

### Current Influenza Activity

#### San Joaquin County

- As of 10/24/09, there were 146 hospitalized and 6 fatal cases of pandemic (H1N1) 2009 influenza reported in SJC.
- All influenza A positive specimens tested by PCR continue to be confirmed as pandemic (H1N1) 2009 influenza, reflecting that the predominant circulating strain in the community continues to be pandemic (H1N1) 2009 influenza.

#### California / United States

- As of 10/17/09, there have been 3,556 hospitalizations and/or fatal cases of pandemic (H1N1) 2009 influenza reported to the CA Dept. of Public Health (CDPH). Of these cases, 748 (21%) cases required intensive care. A total of 233 pandemic (H1N1) 2009 influenza deaths have been reported to CDPH.
- The CA statewide incidence rate of hospitalizations and fatalities due to pandemic (H1N1) influenza is 9.2 per 100,000 population.
- Recently, a study was done by the CDC to estimate the true prevalence of pandemic (H1N1) 2009 influenza in the US population. According to the article, from Apr-Jul 2009, it is estimated that there were 1.8-5.7 million cases of pandemic (H1N1) 2009 influenza, including 9,000-21,000 hospitalizations. The full article can be found at: <http://www.cdc.gov/eid/content/15/12/pdfs/09-1413.pdf>

**Table 1.** Respiratory Laboratory Network (RLN)\* Influenza PCR Surveillance Results, Week 41 (Oct. 11 – Oct. 17, 2009)

	Total Flu A Tested	Flu A (% of total)	Seasonal H1 (% of Flu A)	Seasonal H3 (% of Flu A)	Unsubtype-able** (% of Flu A)
All RLN	1102	545 (49%)	0 (0%)	0 (0%)	534 (98%)
Northern	253	106 (42%)	0 (0%)	0 (0%)	95 (90%)
Central	213	129 (61%)	0 (0%)	0 (0%)	129 (100%)
Southern	636	310 (49%)	0 (0%)	0 (0%)	310 (100%)

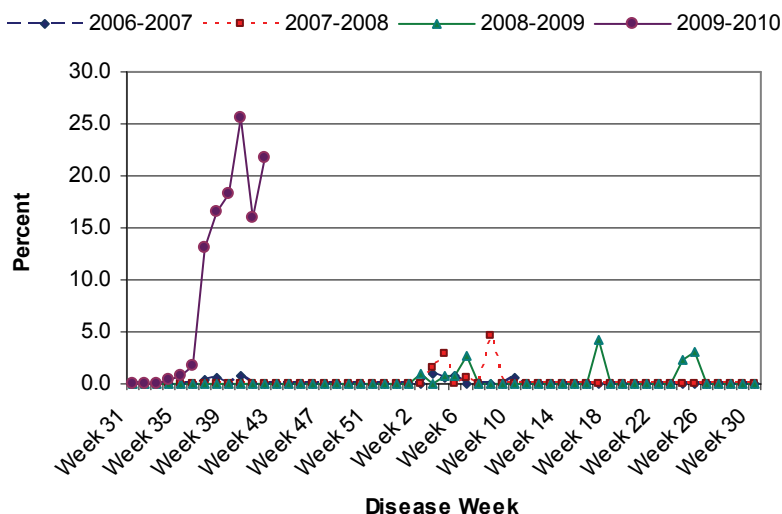
\*15 RLN Public Health Laboratories reporting, including:  
Northern CA: Marin, Sacramento, San Francisco, San Mateo, Shasta  
Central CA: San Joaquin, Tulare  
Southern CA: Long Beach, Los Angeles, Orange, Riverside, San Luis Obispo, San Bernardino, Santa Barbara, Ventura

\*\*At this time, Unsubtypeable Flu A is presumed to be H1N1

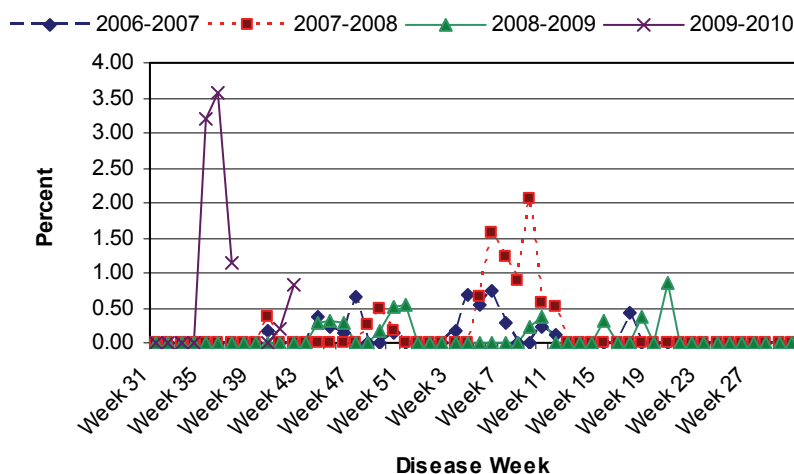
#### Updated CDC Guidance

- On Oct. 14, 2009, CDC released updated “Interim Guidance on Infection Control Measures for 2009 H1N1 Influenza in Healthcare Settings, Including Protection of Healthcare Personnel.”  
◇ Recommendations can be found out at: [http://www.cdc.gov/h1n1flu/guidelines\\_infection\\_control.htm](http://www.cdc.gov/h1n1flu/guidelines_infection_control.htm)
- On Oct. 16, 2009, CDC released “Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season.”  
◇ Recommendations are available at: <http://www.cdc.gov/h1n1flu/recommendations.htm>

**Figure 1.** Stockton sentinel provider ILI rates by disease week, 2006-2009



**Figure 2.** Percent of clinic visits due to ILI in Stockton Unified schools by disease week, 2006-2009.\*\*\*



\*\*\*Stockton Unified schools were on holiday break during Weeks 38 and 39 (9/28/09 - 10/9/09). ILI data was therefore 0% at this time. Data resumed in Week 40 (week beginning 10/11/09).