

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
- 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

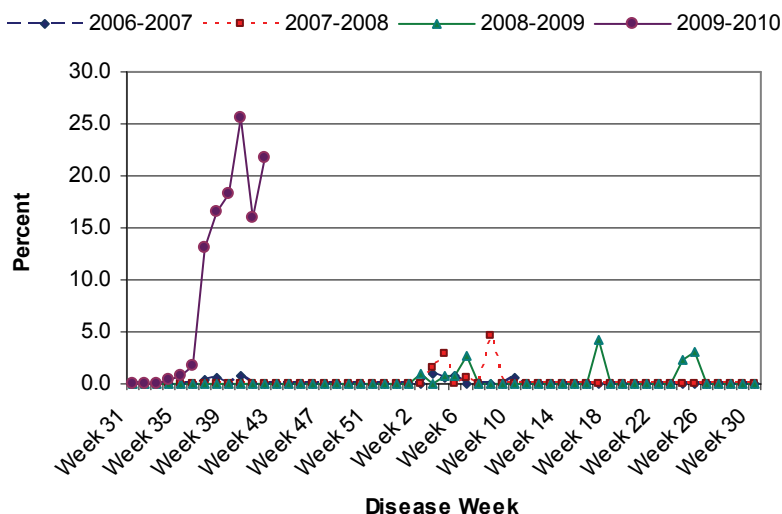
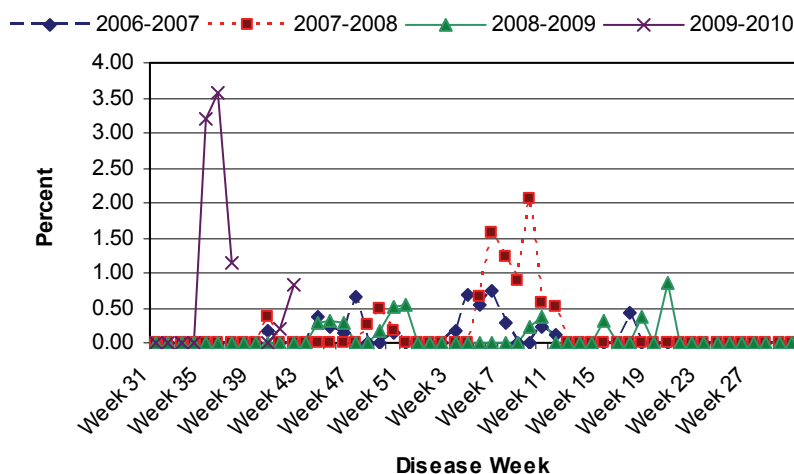


Figure 2. Percent of clinic visits due to ILI in Stockton Unified schools by disease week, 2006-2009.***



***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).