

Current Influenza Activity

San Joaquin County

- As of 2/13/10, there were a total of 223 hospitalized cases of 2009 H1N1 influenza reported in SJC. This includes 60 ICU cases and 16 fatal cases of 2009 H1N1 influenza.
- For the third consecutive week, no new 2009 H1N1 influenza hospitalizations or fatalities were reported to SJC PHS.

California

- In CA, 2009 H1N1 influenza activity remains “sporadic” this week. Reports of ILI from sentinel providers continue to decrease.
- As of 2/13/10, there have been 8,739 hospitalizations and/or fatal cases of 2009 H1N1 influenza reported to CDPH. Of these cases, 1,875 cases required intensive care. A total of 527 deaths due to 2009 H1N1 influenza have been reported to CDPH.
- During Week 6 (Feb. 7 - 13, 2010), of all specimens tested at sentinel and RLN laboratories, 34% (571, N = 1663) of specimens tested for RSV were positive, an increase in 2% from last week. Also during Week 6, 11% (32, N = 296) of specimens tested for other respiratory viruses were positive, which is the same as last week’s report.

Table 1. Respiratory Laboratory Network (RLN)* Influenza PCR Surveillance Results, Week 6 (Feb. 7 – Feb. 13, 2010)

| | Flu A (% of total, N) | Unsubtype-able** (% of Flu A) | Flu B (% of total, N) | RSV (% of total, N) |
|----------------|--------------------------|----------------------------------|--------------------------|------------------------|
| All RLN | 3 (1%, 229) | 3 (100%) | 0 (0%, 223) | 2 (13%, 15) |
| Northern | 1 (1%, 131) | 1 (100%) | 0 (0%, 131) | 1 (14%, 7) |
| Central | 1 (2%, 60) | 1 (100%) | 0 (0%, 60) | 1 (13%, 8) |
| Southern | 1 (3%, 38) | 1 (100%) | 0 (0%, 32) | 0 (0%, 0) |

*17 RLN laboratories reporting, including:
 Northern CA: Contra Costa, El Dorado, Sacramento, San Francisco, San Mateo, Santa Clara, Shasta, Sonoma
 Central CA: Fresno, Monterey, San Joaquin, Tulare
 Southern CA: Long Beach, Orange, Riverside, San Luis Obispo, Santa Barbara

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

Worldwide

- The World Health Organization (WHO) published recommendations for the composition of influenza virus vaccines for the forthcoming season in the northern hemisphere (Nov. 2010 - Apr. 2011). It will be a trivalent vaccine that includes the 2009 H1N1 strain:
 - An A/California/7/2009 (H1N1) - like virus;
 - An A/Perth/16/2009 (H3N2) - like virus;
 - A B/Brisbane/60/2008 - like virus.

Figure 1. Stockton sentinel provider ILI rates by disease week, 2006-2010.***

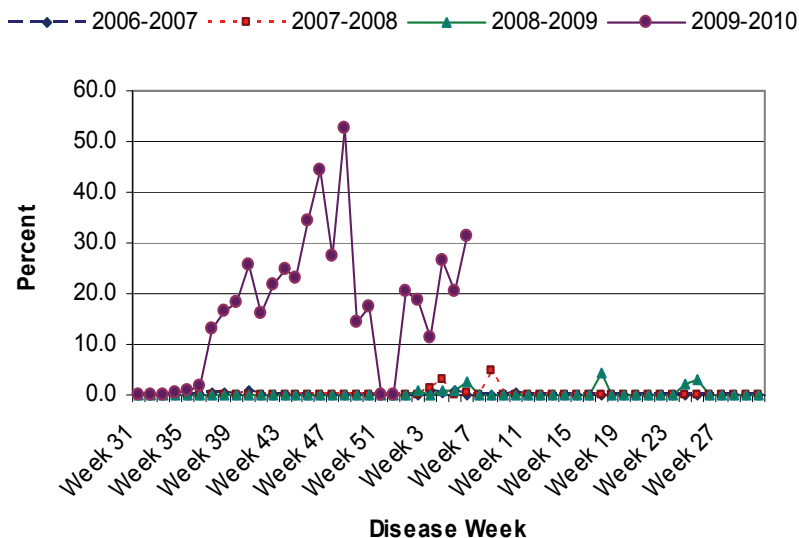
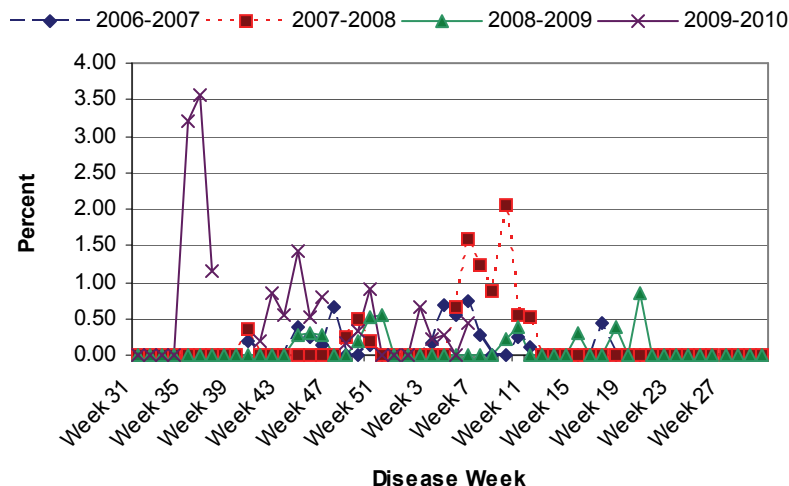


Figure 2. Percent of clinic visits due to ILI in Stockton Unified schools by disease week, 2006-2010.****



*** No Stockton sentinel provider data available for Weeks 51 and 52 (12/20/09 - 1/2/10).

**** Stockton Unified schools were on holiday break during Week 47 (11/22/09 - 11/28/09) and Weeks 51 and 52 (12/20/09 - 1/2/10).