

**Current Influenza Activity**

**San Joaquin County**

- As of 2/20/10, 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.

**California**

- In CA, 2009 H1N1 influenza activity remains “sporadic” this week. Reports of ILI from sentinel providers continue to decrease.
- As of 2/20/10, there have been 8,774 hospitalizations and/or fatal cases of 2009 H1N1 influenza reported to CDPH. Of these cases, 1,910 cases required intensive care. A total of 542 deaths due to 2009 H1N1 influenza have been reported to CDPH.
- No isolates reported this week from the RLN were positive for influenza A/H1, A/H3 or influenza B.
- This week, 28% (534, N = 1926) of specimens tested at sentinel and RLN laboratories were positive for RSV, a decrease of 6% from last week. Additionally, 12% (60, N = 510) of specimens tested for other respiratory viruses were positive, an increase of 1% from last week. Of those that tested positive for other respiratory viruses, 48% were human metapneumovirus and 37% were rhinovirus.

**Table 1.** Respiratory Laboratory Network (RLN)\* Influenza PCR Surveillance Results, Week 7 (Feb. 14 – Feb. 20, 2010)

	Flu A (% of total, N)	Unsubtype-able** (% of Flu A)	Flu B (% of total, N)	RSV (% of total, N)
<b>All RLN</b>	<b>7 (3%, 201)</b>	<b>7 (100%)</b>	<b>0 (0%, 201)</b>	<b>3 (10%, 31)</b>
Northern	3 (2%, 126)	3 (100%)	0 (0%, 126)	0 (0%, 0)
Central	2 (6%, 32)	2 (100%)	0 (0%, 32)	3 (10%, 31)
Southern	2 (5%, 43)	2 (100%)	0 (0%, 43)	0 (0%, 0)

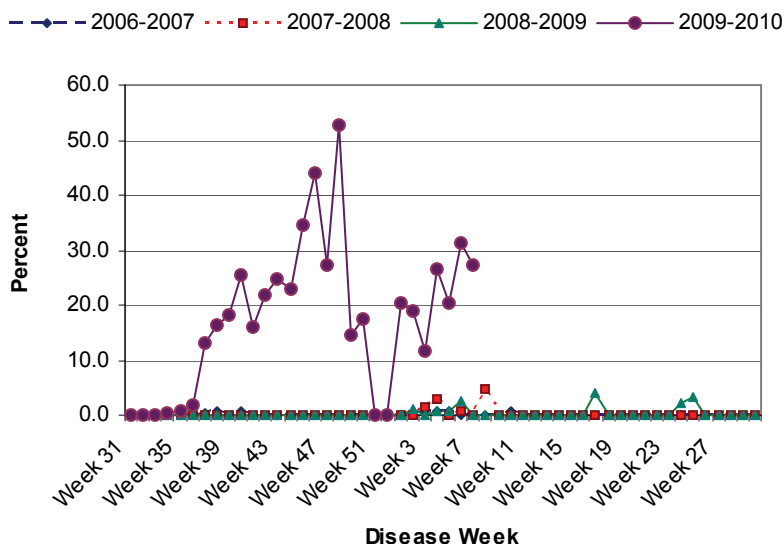
\*15 RLN laboratories reporting, including:  
 Northern CA: Contra Costa, El Dorado, Sacramento, San Francisco, Santa Clara, Shasta, Placer  
 Central CA: Fresno, Monterey, San Joaquin, Tulare  
 Southern CA: Long Beach, Los Angeles, Orange, San Luis Obispo

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

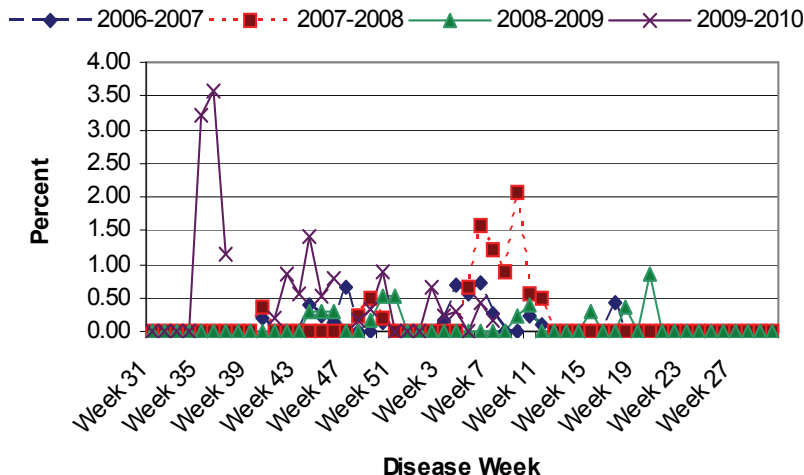
**Respiratory Syncytial Virus (RSV)**

- Nationally, reports of respiratory syncytial virus (RSV) infection have increased while influenza A infections have decreased. RSV infections generally occur in the United States from November to April. The levels of RSV in California are within normal limits for this time of year. Premature infants, children less than 2 years of age with congenital heart or chronic lung disease, and children with compromised systems due to a medical condition or medical treatment are at highest risk for severe disease. Adults with compromised immune systems and those 65 and older are also at increased risk of severe disease.

**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).