

Current Influenza Activity

San Joaquin County

- As of 11/14/09, there were 171 hospitalized and 9 fatal cases of 2009 H1N1 influenza reported in SJC.

California

- The CA Department of Public Health (CDPH) is now referring to the new influenza strain as 2009 H1N1 influenza.
- In CA, while most indicators are showing sustained high levels of illness, some indicators of 2009 H1N1 influenza suggest that illness may be leveling off.
- As of 11/14/09, there have been 6,069 hospitalizations and/or fatal cases of 2009 H1N1 influenza reported to CDPH. Of these cases, 1,118 cases required intensive care. A total of 318 2009 H1N1 influenza deaths have been reported to CDPH.
- The CA statewide incidence rate of hospitalizations and fatalities due to 2009 H1N1 influenza is 15.7 per 100,000 population.
- From April to the end of October, it is estimated that 3.1 million Californians were infected with the 2009 H1N1 influenza virus.

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

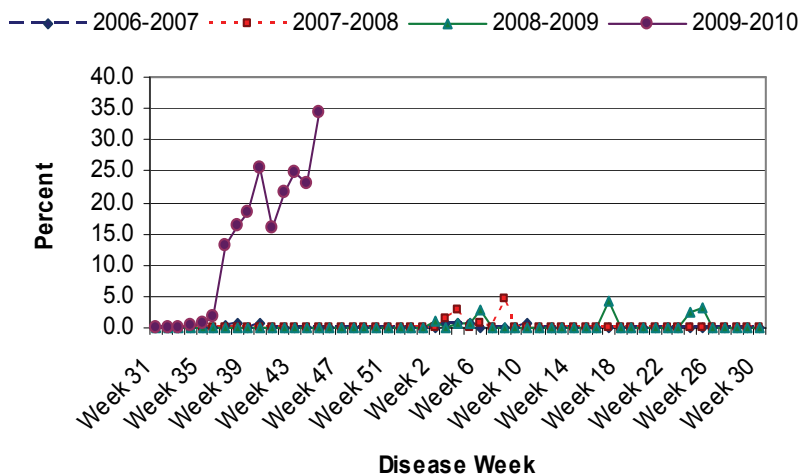


Figure 2. Percent of clinic visits due to ILI in Stockton Unified schools by disease week, 2006-2009.***

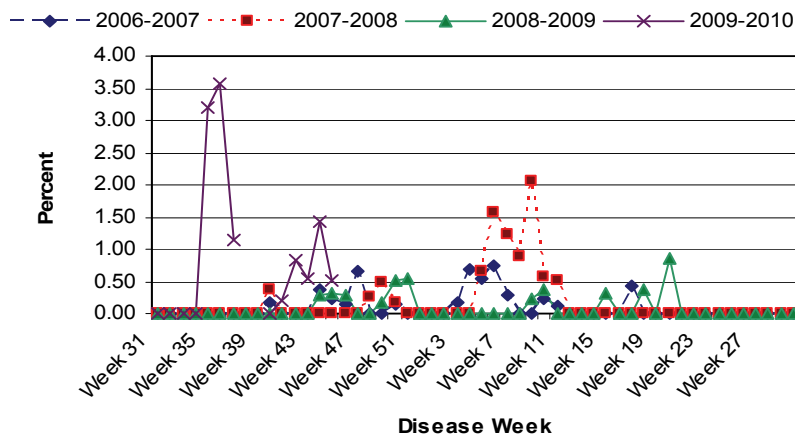


Table 1. Respiratory Laboratory Network (RLN)* Influenza PCR Surveillance Results, Week 45 (Nov. 8 – Nov. 14, 2009)

	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	1064	299 (28%)	0 (0%)	0 (0%)	299 (100%)
Northern	421	101 (24%)	0 (0%)	0 (0%)	101 (100%)
Central	276	64 (37%)	0 (0%)	0 (0%)	64 (100%)
Southern	367	134 (23%)	0 (0%)	0 (0%)	134 (100%)

*15 RLN Public Health Laboratories reporting, including:
 Northern CA: Contra Costa, El Dorado, Marin, Sacramento, San Francisco, Santa Clara, Shasta
 Central CA: Fresno, San Joaquin, Tulare
 Southern CA: Long Beach, Orange, Santa Barbara, San Luis Obispo, Riverside

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

***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).

United States / Worldwide

- On Nov. 12, 2009, CDC released new estimates of 2009 H1N1 influenza cases, hospitalizations and deaths. From April to October 17, 2009, CDC estimated between 14-34 million cases, 63,000-153,000 hospitalizations and 2,500-6,000 deaths from 2009 H1N1 influenza in the United States.
- Based on information received from 16 countries with national vaccination campaigns for 2009 H1N1 influenza, the World Health Organization (WHO) estimates that 80 million doses of vaccine have been distributed and approximately 65 million people have been vaccinated. Early experiences with the vaccine suggest they have a similar safety profile to seasonal flu vaccines. Reports suggest 1 possible adverse event per 10,000 doses, of which 5 of 100 were classified as serious adverse events. Additional information can be found at: <http://www.cidrap.umn.edu/cidrap/content/influenza/swineflu/news/nov1909safety.html>