

Influenza Activity

San Joaquin County:

- As of the end of Week 17 (April 26-May 2, 2015), San Joaquin County Public Health Services (SJCPHS) surveillance indicators show that influenza activity is low throughout the county. (Figures 1-2).
- From Week 1– Week 17, 2015, seven reports of influenza-related non-fatal intensive care unit admissions and three deaths in persons under age 65 were reported to SJCPHS. Additionally, three laboratory-confirmed influenza A outbreaks were reported. The last of these reports was received in February 2015.
- The majority of influenza specimens tested this season by SJCPHS were typed as Influenza A, subtype H3 (Figure 3).

California:

- As of the end of Week 17, California’s overall influenza activity was listed as “sporadic.”
- The California Department of Public Health has received 60 reports of laboratory-confirmed influenza-related deaths in persons under age 65 and 246 laboratory-confirmed influenza outbreaks in congregate settings this season to date.

United States:

- Through May 2, 2015, the overall laboratory-confirmed influenza-associated hospitalization rate for the season is estimated at 64.8 per 100,000 population; 136 influenza-related pediatric deaths have been reported.
- As of the end Week 17, the CDC reports that flu activity continues to decline overall. However, Connecticut and New York continue to report widespread activity. In addition, Influenza B viruses have become the predominant circulating type (91% of Influenza strains).
- The estimate of vaccine effectiveness (VE) for the 2014-2015 season is low (VE=19%, 95% CI: 7-29%) due to drift in the circulating Influenza A H3 subtype from the antigenicity used in the vaccine. (Source: Presentation to the Advisory Committee on Immunization Practices, 2015 Feb 26, <http://www.cdc.gov/flu/news/updated-vaccine-effectiveness-2014-15.htm>).

Figure 1. Percent of absences due to Influenza-like Illness (ILI), Manteca Unified School District (2012—May 2015)

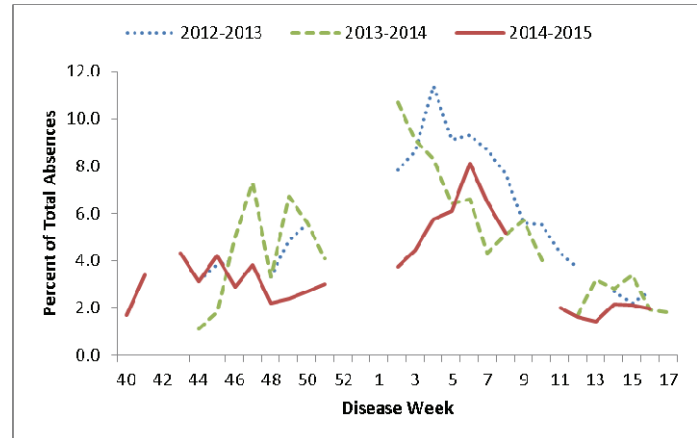


Figure 2. Percent of patients seen at health centers with Influenza-like Illness (ILI), Stockton Unified School District (2012—May 2015)

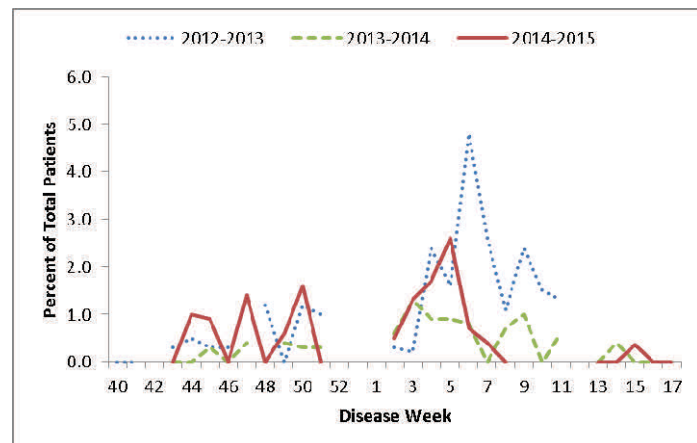
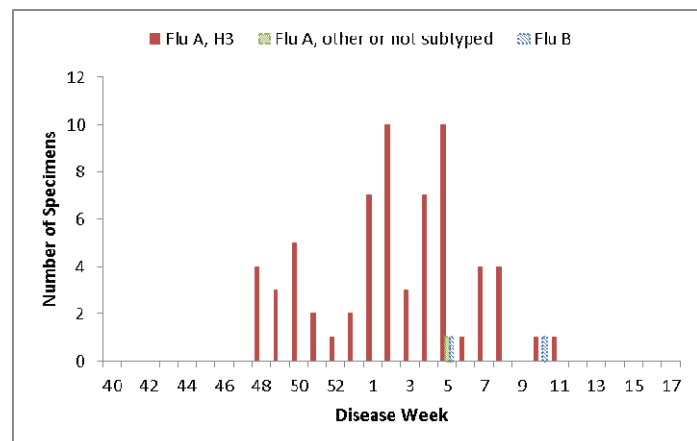


Figure 3. Influenza specimens by type, San Joaquin County Public Health Services Laboratory (9/28/14—5/02/15)



For questions relating to SJC data or this report, contact:
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