

Influenza

San Joaquin County:

- SJCPHS surveillance indicators show influenza activity has been decreasing over the last two months (**Figures 1-3**).
- Six influenza-related intensive care unit (ICU) admittances in persons under age 65 have been reported to SJCPHS this season, including three pediatric ICU admittances. Four cases were Influenza B and two were A (H3N2).
- No influenza-related deaths under age 65 have been reported to SJCPHS this season.
- One lab-confirmed influenza outbreak in a congregate living facility has been reported to SJCPHS this season, compared to four in the 2011-2012 season.

California:

- California's overall influenza activity was downgraded from "widespread" to "regional" during Week 8 (2/17/13-2/23/13) and then to "local" where it has remained since Week 12 (3/17/13-3/23/13).
- California Department of Public Health has received 66 reports of influenza-associated deaths among persons under age 65 and 135 laboratory-confirmed influenza outbreaks as of Week 14 (3/31/13-4/6/13).

United States:

- 12,052 confirmed influenza-associated hospitalizations and 116 influenza-related pediatric deaths have been reported in the U.S. as of Week 14.
- Influenza A (H3N2) viruses have been the predominant circulating strain nationally since the start of the season, but the proportion of Influenza B viruses has been increasing in recent weeks. Influenza B detections comprised the majority (71%) of positive influenza specimens tested during Week 14.

Novel Infections

Avian Influenza A (H7N9):

- On April 1, 2013, the World Health Organization reported 3 human infections of a new Influenza A (H7N9) virus in China.
- 22 (20.4%) of 108 laboratory-confirmed cases have died and over 1,000 close contacts are being monitored as of April 22nd, 2013.
- No cases have been reported outside China, however the Centers for Disease Control and Prevention is taking standard pandemic preparedness precautions.
- There is no evidence of sustained, ongoing person-to-person transmission.

Coronavirus:

- From April 2012 to March 2013, a strain of novel coronavirus infected 17 adults, resulting in 11 (64.7%) deaths.
- The virus spread from the Arabian Peninsula to the United Kingdom (U.K.) in February 2013. No cases have been reported in the U.S..
- Genetic sequencing has determined the virus is most closely related to coronaviruses detected in bats.
- There is evidence of person-to-person transmission from a cluster of three people in the U.K., but the risk appears low.

Figure 1. Percent of absences due to ILI, Manteca Unified School District, 2009—YTD 2013

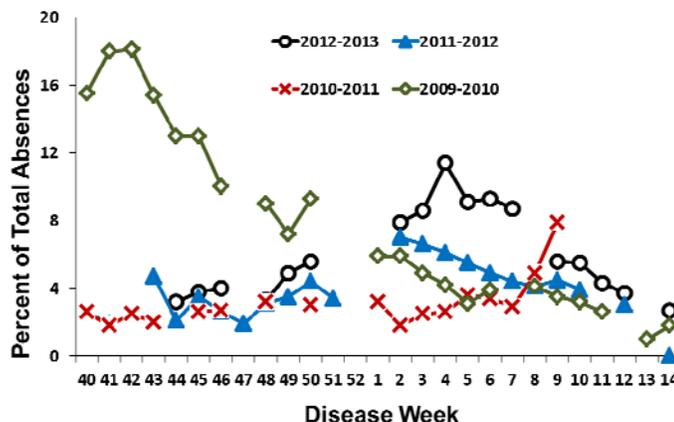


Figure 2. Percent of patients seen at student health centers with ILI, Stockton Unified School District, 2009—YTD 2013

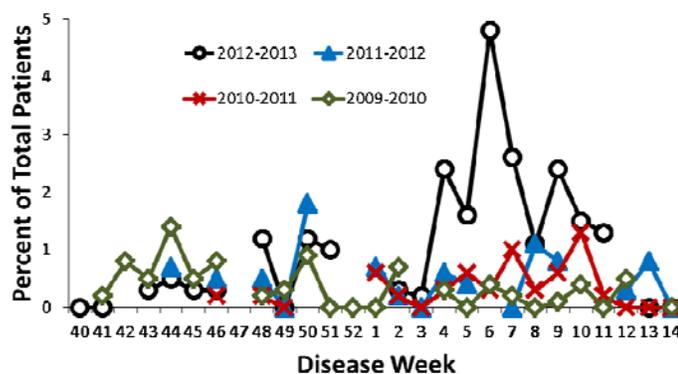
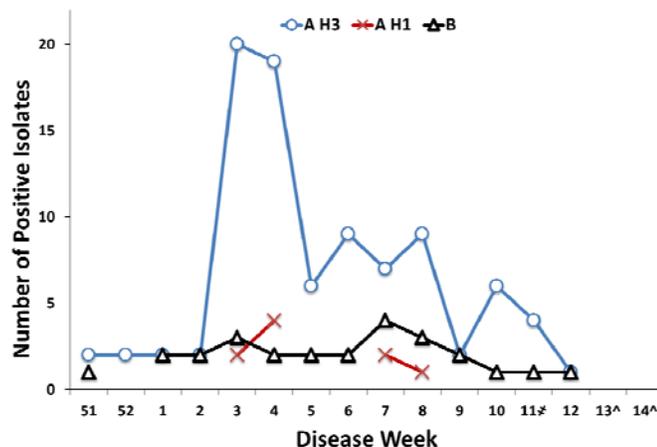


Figure 3. Positive Influenza isolates (n=82), San Joaquin County Public Health Services Laboratory, 12/16/12—4/6/13



*One isolate received during Week 11 was positive for both Influenza A H3 and Influenza B
 ^ No positive isolates were received during Weeks 13 or 14

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