

**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**

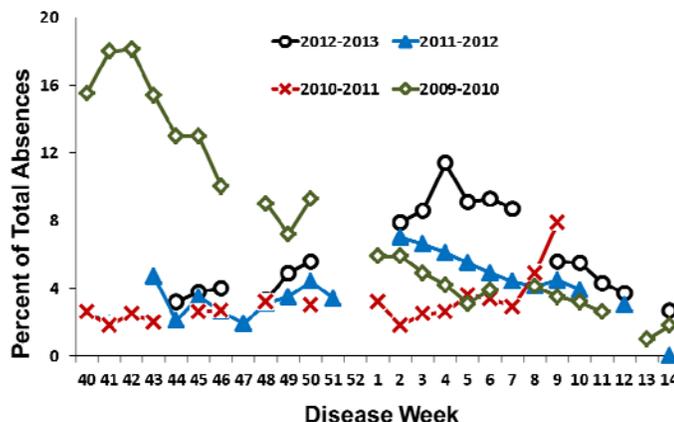
**Avian Influenza A (H7N9):**

- 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.

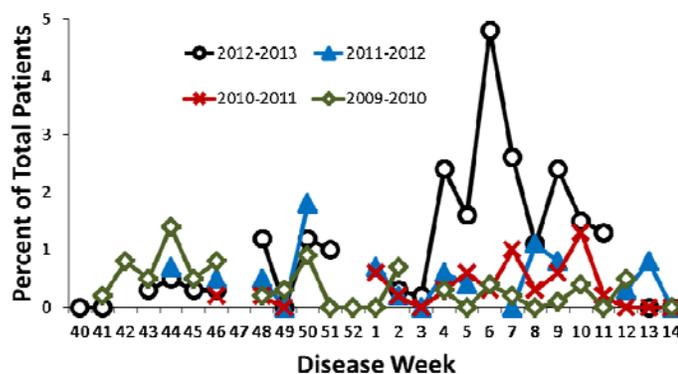
**Coronavirus:**

- 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.

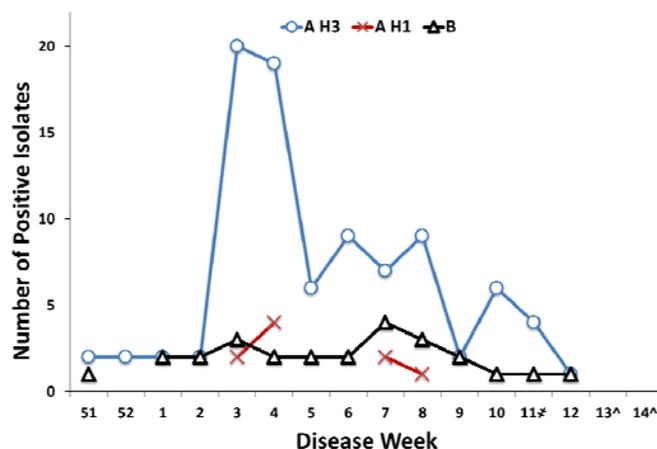
**Figure 1. Percent of absences due to ILI, Manteca Unified School District, 2009—YTD 2013**



**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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