

Influenza Activity

San Joaquin County:

- The CDC-defined influenza surveillance and reporting season for 2013-2014 ended on May 17, 2014.
- SJCPHS surveillance shows influenza activity in the county peaked for this season in January (Figures 1-3).
- 25 influenza-related non-fatal intensive care unit (ICU) admissions and eight deaths in persons under age 65 were reported to SJCPHS this season, for a total of 33 cases.
- Of the 33 cases, 32 (97%) had influenza A and one (3%) had influenza B. Of the influenza A cases, 18 (56%) were the 2009 H1N1 serotype; the others were not subtyped.

California:

- As of Week 11 (March 9-15, 2014), the last week for which state level data are available, California's overall influenza activity was listed as "local."
- As of Week 11, the California Department of Public Health (CDPH) had received 342 reports of influenza-associated deaths in persons <65 years and 47 laboratory-confirmed influenza outbreaks in congregate care settings.

United States:

- 9,619 confirmed influenza-associated hospitalizations and 94 influenza-related pediatric deaths have been reported in the U.S. as of Week 18 (April 27—May 3, 2014).
- Influenza A viruses have also been the predominant circulating strain nationally since the start of the season. Influenza A comprised the majority (88.5%) of positive influenza specimens over the course of the season, with 54.5% of those being the H1N1 subtype.
- The Food and Drug Administration has determined that the 2014-15 influenza vaccines that will be used in the United States will have the same antigenic composition as those used in 2013-2014. These recommendations were based on global influenza virus surveillance data as well as serologic responses to the 2013-2014 seasonal vaccines.

MERS-CoV

- On May 2, 2014, the first U.S. imported case of Middle East Respiratory Syndrome (MERS) was confirmed in a traveler from Saudi Arabia. The patient is a healthcare worker who lives and works in Saudi Arabia. He was hospitalized in Indiana and has fully recovered.
- On May 11, 2014 a second unrelated, imported case of MERS in a healthcare worker from Saudi Arabia was hospitalized in Florida. However, it was determined that this case did not have active infection and was not a threat to the public. The case is also considered to be fully recovered.
- According to the World Health Organization (WHO), globally there have been 681 cases of MERS and 204 deaths as of June 4, 2014. A surge of cases occurred in Saudi Arabia from late March through early May.

Figure 1. Percent of absences due to ILI, Manteca Unified School District, 2011—Year to Date (YTD) 2014

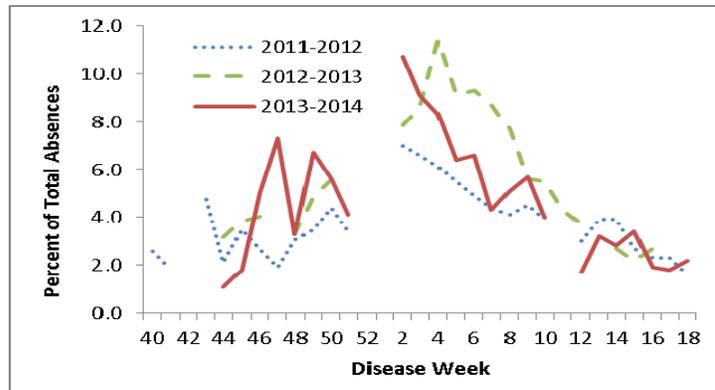


Figure 2. Percent of patients seen at student health centers with ILI, Stockton Unified School District, 2011—YTD 2014

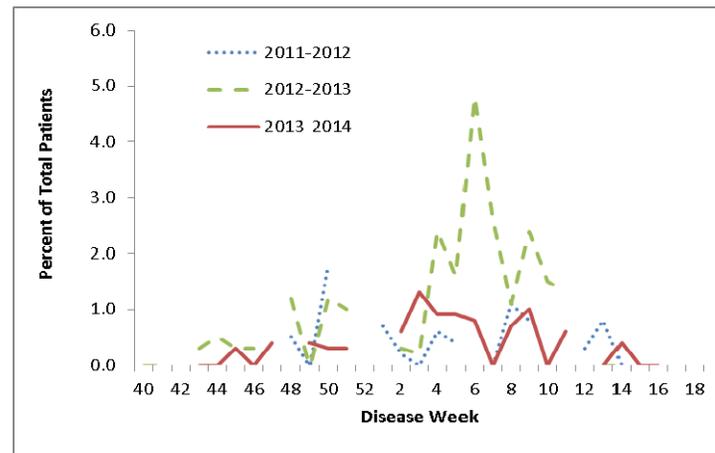
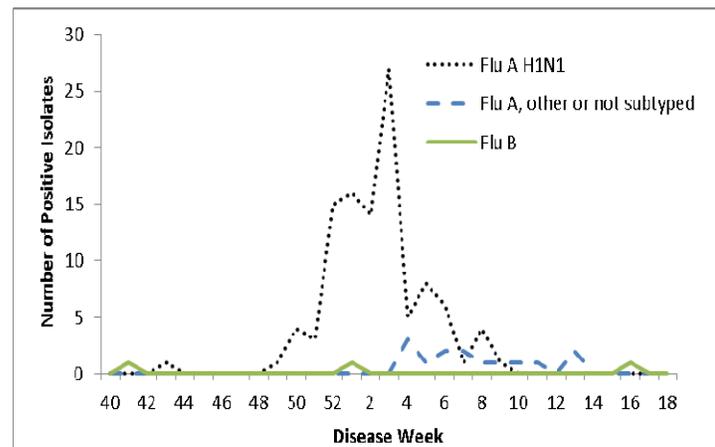


Figure 3. Positive Influenza isolates (n=402), San Joaquin County Public Health Services Laboratory, 9/29/13—5/3/14



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