San Mateo County

- Influenza and RSV activity increased in Week 14 (ending 4/7/12) from the previous weeks. Both flu and RSV detections are currently greater than the same period last season (Figure 1).
- Based on lab reports from all seven reporting county and hospital laboratories*, there were 37 (25%) influenza positives and 11 (13%) RSV positives within week 14 (Figures 2 and 3). Of the flu positives, 20 (54%) were flu A and 17 (46%) were flu B.
- In week 14, four specimens were tested for influenza by RT-PCR at SMC PHL, of which one was positive for influenza A.
- Influenza-like-illness (ILI) reported from San Mateo Medical Center decreased slightly from week 13 (1.43%) to week 14 (1.35%), and is slightly higher than activity for the same week last season (Figure 4). Average ILI visits made up 0.59% of total ED visits, far below the 2010-11 seasonal average of 0.82% (dashed line on graph).
- One confirmed influenza outbreak was reported in week 14.

California

- Overall influenza activity in California remained “widespread”.
- The Respiratory Lab Network (RLN) tested 2,128 specimens for influenza, of which 646 (28.1%) were positive for influenza; of these, 492 (75.9%) were influenza A (H3) and 156 (24.1%) were influenza B.
- CDPH received six reports of laboratory-confirmed influenza outbreaks; one in a school and five in congregate living facilities.
- Outpatient ILI decreased in week 14 (2.2%) compared to week 13 (2.7%).
- CDPH received six reports of laboratory-confirmed influenza outbreaks; three were in congregate living facilities and one each in a hospital, prison and daycare.
- No influenza-associated deaths were reported.

United States

- During week 14, influenza activity was elevated in some areas of the United States, but declined nationally.
- Of the 3,607 specimens tested, 756 (21%) were positive for influenza, of which 607 (80.3%) and 149 (19.7%) were positive for influenza A and B, respectively.
- One human infection with a novel influenza A virus was detected in a child in Utah. Contact with swine in the week preceding the onset of illness was reported.
- No influenza associated pediatric deaths were reported in week 14. Thirteen pediatric deaths have been reported to date.
- The proportion of outpatient ILI visits was 1.5%, which is below the national baseline of 2.4%.

Influenza activity in California is widespread and flu activity is at a seasonal high in San Mateo County. One hundred and eighty one (11.8%) specimens have tested positive for influenza since the beginning of flu season.

- Since influenza is circulating in the community, healthcare providers should consider empiric treatment in patients with a high clinical suspicion for influenza.
- Continue to test hospitalized patients with suspected flu for the purposes of infection control and surveillance. Consider empiric treatment in severely ill hospitalized (ICU) cases with suspected influenza or in patients with progressive illness.
- Antivirals used for treatment: Oseltamivir or Zanamivir.