

County of Santa Clara

Public Health Department

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DATE: December 9, 2022

TO: Honorable Members of the Board of Supervisors
Jeffrey V. Smith, MD, JD, County Executive

FROM: Sara H. Cody, MD, Health Officer and Public Health Director

SUBJECT: **OFF AGENDA REPORT REGARDING COVID-19 BIVALENT BOOSTER RATES BY CITY**

This report provides data requested by Supervisor Simitian at the December 6, 2022 Board of Supervisors meeting for bivalent booster rates by city, as well as additional information about wastewater concentrations in the Palo Alto sewershed. The attachment includes a graph that displays bivalent booster rates by city.

The Palo Alto sewershed covers Palo Alto, Los Altos, Los Altos Hills, Mountain View, and Stanford University as well as the City of East Palo Alto in San Mateo County. In the past 30 days, there have been 473 reported cases in city of East Palo Alto (retrieved from San Mateo County COVID dashboard, <https://www.smchealth.org/post/cases-city>, on 12/8/2022), while the City of Palo Alto reported only 306 cases. It is possible that cases from East Palo Alto could be an important contributor of virus levels in wastewater samples from the Palo Alto sewershed. Wastewater data from the Stanford campus do not suggest a big recent surge within the campus. The attached data regarding boosters show that cities within the Palo Alto sewershed have some of the highest booster rates in the county. It is most likely that other factors (maskless travel, indoor gathering, mixing, etc.) explain the difference in the Palo Alto sewershed as compared to other sewersheds.

Slide 1: COVID-19 bivalent booster rates among eligible county residents by city

This graph shows the percent of residents who have received the COVID-19 bivalent booster among those who are eligible by city since the bivalent booster became available in September 2022. The highest bivalent booster rates are observed in the cities of Los Altos, Los Altos Hills and Palo Alto. However, for all cities, less than half of the eligible population have received the bivalent booster. For the Cities of San Jose and Gilroy, less than 25% of their population have received the bivalent booster.

cc: James R. Williams, County Counsel
Tiffany Lennear, Clerk of the Board of Supervisors
Chiefs of Staff, Board of Supervisors
Christian Sanchez, OBA

Board of Supervisors: Mike Wasserman, Cindy Chavez, Dave Cortese, Susan Ellenberg, S. Joseph Simitian
County Executive: Jeffrey V. Smith

COVID-19 Bivalent Booster Rates

12/08/2022

Percent of people who received bivalent booster dose out of eligible population by city as of December 07, 2022

