DATE: October 2, 2020

TO: Honorable Members of the Board of Supervisors

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

SUBJECT: OFF AGENDA REPORT REGARDING COVID-19 CENSUS TRACT LEVEL DATA

At the September 22, 2020 Board of Supervisors meeting (Item No. 17), Board of Supervisors President Chavez requested that Administration provide information on case rates and death rates by census tract. This report provides the requested information.

COVID-19 maps at census tract level, Santa Clara County

The attachment includes two maps that display these metrics. Each map also includes an inset with an enlarged view of East San Jose on the right side. The maps follow data deidentification guidelines from the California Department of Public Health, masking potentially identifying information through the following method: any census tract where the number of cases or deaths is between 1 to 10 is shown in gray.

In addition to these data, the maps highlight in turquoise the census tracts that are in the most disadvantaged quartile of the Healthy Places Index (HPI), to align with the recently-released Health Equity Measure (Blueprint for a Safer California). Most of these census tracts are located in the cities of San José, Gilroy and Morgan Hill. More information on the Health Equity Measure can be found here: https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/CaliforniaHealthEquityMetric.aspx

Slide 1: COVID-19 case rate among county residents by census tract

This map shows the case rate per 100,000 residents by census tract during the three-week period from August 27 to September 16, 2020. In census tracts where data are reportable, most (3 of 4 census tracts) have a case rate of more than 7 per 100,000 people. Census tracts with high case rates are located in the cities of San José, Gilroy, Morgan Hill, Mountain View, Sunnyvale and Saratoga, and San Martin. There is
significant overlap in census tracts with high case rates and the most disadvantaged quartile of the Healthy Places Index.

**Slide 2: COVID-19 death count among county residents by census tract**

The map shows the number of deaths with COVID-19 by census tract of residence for decedents with a date of death during the three-week period from August 27 to September 16, 2020. Because the number of deaths in any given census tract was between 1 and 10, all census tracts that had at least one death are masked (in gray). These tracts are located in the cities of San José, Saratoga, Los Gatos and Los Altos and San Martin. Given small numbers, it is difficult to discern any geospatial pattern related to deaths with COVID-19 by census tract.

c: Jeffrey V. Smith, County Executive
   James R. Williams, County Counsel
   Megan Doyle, Clerk of the Board of Supervisors
   Chiefs of Staff, Board of Supervisors
COVID-19 case rate, Santa Clara County

COVID-19 case rate per 100,000 people in the past 3 weeks by census tract

- Less than 11 cases
- Less than 1 case per 100,000
- 1 to 3.9 cases per 100,000
- 4 to 7 cases per 100,000
- More than 7 cases per 100,000

Healthy Places Index
- Census tracts in the most disadvantaged quartile
- All other census tracts

Note: Data are masked for census tracts with a case count of 1 to 10. The 3-week time period is based on a specimen collection date between August 27 and September 16. Source: County of Santa Clara, Public Health Department, CalREDIE data as of 09/23/2020.
Number of deaths with COVID-19, Santa Clara County

Count of deaths in the past 3-weeks by census tract
- Zero deaths
- 1 to 10 deaths or population <1000

Healthy Places Index
- Census tracts in the most disadvantaged quartile
- All other census tracts

Note: Data are masked if the death count in a census tract is between 1 and 10. The 3-week time period is based on a date of death between August 27 and September 16. Deaths among long-term care facility residents are not included.
Source: County of Santa Clara, Public Health Department, CalREDIE data as of 09/25/2020.