Los Angeles County
Notes for Census Tract Map and Chart Vaccination Coverage Download Files
Dashboard updated on Thursday, April 18, 2024

Data Sources

1. Vaccination data are compiled from the California Immunization Registry (CAIR) for LA County residents 5+ years of age who have a valid reported address located in a Los Angeles County census tract with a population size of five or more.
2. The number of vaccinations reported in recent days may be incomplete due to delays in vaccination data transmission to CAIR.
3. The census tract and city/community of a vaccine recipient is based upon valid address information reported by the recipient upon vaccination. Therefore, due to ongoing updates to vaccine recipient addresses, the vaccination estimates for census tracts and corresponding cities/communities can fluctuate.
4. Due to a CAIR data migration effort currently taking place, vaccination coverage estimates may temporarily fluctuate more than usual for some communities.
5. Population data source: County of Los Angeles, Internal Services Department, Information Technology Service, Urban Research-GIS Section, Population and Poverty Estimates of Los Angeles County Tract-City Splits by Age, Sex and Race-Ethnicity for July 1, 2019, Los Angeles, CA, April 2020. The estimate of population with age of less than 1 year (by month of age) was based on Los Angeles County Department of Public Health, Office of Health Assessment and Epidemiology (OHAE), Linked Birth Files (provisional) for 2018 and 2019. Population estimates for cities/communities of less than 500 people may be unreliable.

Detailed Description of Census Tract Map or Chart Vaccination Coverage Download Files

Census Tract Charts of COVID-19 Vaccination Coverage Metrics for LA County Residents 5+Years of Age Over Time

Each file presents two different graphs of cumulative vaccination coverage data over time for one specified 2010 Census Tract within a city/community. These time-series display the cumulative percent of the census tract population vaccinated by each week ending on a Sunday (Monday-Sunday inclusive), including data starting the week ending August 2, 2020. Cumulative counts are shown starting December 14, 2020.

Each graph displays a different vaccination coverage metric given by a different data symbol. The markers for the specific census tract data are struck through and connected by a black line, whereas the markers for the median coverage across all CT/CSA data are grey and stand alone:

1. The top graph displays the percentage of the population in the specified census tract that has received 1+ dose of COVID-19 vaccine, using an empty circle **o** as the data symbol.
2. The bottom graph displays the percentage of the population in the specified census tract that has received 1+ bivalent doses of COVID-19 vaccine, using filled circle ● as the data symbol.
   - The data are displayed with the week corresponding to the first administered bivalent dose.

To provide context to the specified census tract vaccination coverage, three additional measures are also displayed to illustrate the placement of the census tract data amongst other census tracts at the given time point in each graph:

1. The 5th % (percentile) of all census tracts is represented by a solid green line. This value at the given time point is less than 95% of all census tract vaccination estimates.
2. The 95th % (percentile) of all census tracts is represented by a dashed blue line. This value at the given time point is greater than 95% of all census tract vaccination estimates.
3. The median of all census tracts is represented by a gray series of symbols depending upon the graph (empty circle or filled circle,). The median is the middle value of all ranked census tract estimates at the given time point.

Census Tract Maps of COVID-19 Vaccination Coverage Metrics for LA County Residents 5+ Years of Age

Each file displays three maps of the cumulative percentage vaccinated for all census tracts within a city/community. The region of interest is outlined with a dashed orange-red boundary on the small map of Los Angeles County located to the top-left corner of the page. To provide additional orientation, major roads are shown in light blue. The region of interest is enlarged in the three adjoining maps that display a different vaccination coverage metric and outlined with a dashed orange-red line. In each zoomed-in map, neighboring cities/communities are labeled with numbers and circular symbols, and all census tracts are labeled with letters and square symbols. The legend for these symbols is provided at the top of the page.

Each map displays a different cumulative vaccination coverage metric with the corresponding numeric color bar displayed to the right of the page. The color bar caps estimates at 95% and values above this are represented with a hatched pattern. The three metrics represented separately by each map are as follows:

1. The top map displays the percentage of the population in each census tract that has received 1+ dose of COVID-19 vaccine.
2. The second map displays the percentage of the population in each census tract that has received 1+ bivalent dose of COVID-19 vaccine.
3. The third map displays the percentage of the population in each census tract that is up to date, which refers to the count of persons with all recommended COVID-19 vaccines according to CDC guidelines *(https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html#UTD)* based on their age and previous vaccination record, as defined below:

   - **Age 6m-4:**
     - **Pfizer recipients:**
       - Are considered up to date if they have received at least three doses, including at least one 2023-2024 mRNA dose.
     - **Moderna Recipients:**
       - Are considered up to date if they have received at least two doses of Moderna, including at least one 2023-2024 mRNA dose.

   - **Age 5-11:** Are considered up to date if they have received at least one 2023-2024 mRNA dose.

   - **Age 12+:** Are considered up to date if they have received at least one 2023-2024 mRNA dose or at least one or two Novavax doses depending on previous vaccination history.

The page(s) following the maps display tables with the cumulative vaccination coverage estimates for each of these metrics, for each census tract in the displayed city/community. Each census tract is identified with the map label in the table corresponding to the four maps.

Los Angeles County Department of Public Health
ph.lacounty.gov/media/Coronavirus/vaccine/vaccine-dashboard.htm
Census Tract Maps and Charts

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Data Restrictions

1. Only vaccination estimates for LA County residents 5+ years of age are currently displayed in the download files.
2. Vaccine recipients who report an address which is mapped to a census tract without a designated population (primarily large commercial or industrial areas) are not included in the vaccination estimates. In addition, vaccine recipients whose addresses are not valid and could not be mapped to a census tract are not included in the download files.
3. Census tracts without an estimated population (primarily commercial or industrial areas) are not included in the download files.
4. Vaccination metric estimates of "≥ 95%" indicate that population vaccination coverage metrics are at or above 95%.
5. In the chart files, symbols are only displayed for weeks in which there were doses administered for the specific vaccination metric. For example, a census tract with a population of 100 persons may have several weeks in which there are no new doses administered, in which case the solid line would remain horizontal with no additional data symbols displayed.
6. Maps and charts are not displayed for census tracts with population size of less than 5 persons or less than 5 persons vaccinated.
7. Doses administered as early as July 2020 to Los Angeles County residents as part of vaccine clinical trials are also included in the time series data presentations. These doses are all displayed cumulatively at the week ending date of December 13, 2020 throughout the dashboard.
8. Please note that as of 03/23/23, city and community population data have been updated to account for changes in population estimates caused by changes in the boundaries of the City of Santa Clarita and some surrounding unincorporated areas. Please use the updated data downloaded on or after 3/23/23.

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