



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. Population data source: County of Los Angeles, Internal Services Department, Information Technology Service, Urban Research-GIS Section, Population Estimates of Los Angeles County Tract-City Splits by Age, Sex and Race-Ethnicity for July 1, 2022, Los Angeles, CA, March 2023. 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 2022. Population estimates for cities/communities of less than 500 people may be unreliable.

Field Descriptions

1. City/Community and Census Tract: The attributes of census tract and city/community have a many-to-many relationship. In other words, a single census tract can be split into more than one city/community. Likewise, a city/community is comprised of multiple census tracts. Therefore, the two fields together can be considered a census tract-city/community unit or combination.
2. Date (Week Ending on Sunday): Field is only included in the file, "Weekly Cumulative 5+ Years of Age Vaccination Estimates by Census Tract within City/Community". The value of the field is the ending Sunday date of the week in which vaccine administration was recorded in CAIR. Each week is defined as Monday to Sunday (M/D/YYYY).
3. Cumulative 5+ vaccinated with 1+ updated 23-24 dose (% and count): The number of LAC residents 5+ years of age and percent of 5+ population within each census tract city/community combination who were vaccinated with at least one dose of updated 23-24 vaccine. In the time series download file, the Date field indicates the Sunday date at the end of the week during which the first dose was administered.
4. Cumulative 5+ up to date (% and count): The number of LAC residents 5+ years of age and percent of 5+ population within each census tract city/community combination who are up to date with all 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:
 - a. **Age 6m-4:**
 - i. **Pfizer recipients:** Considered up to date if they have received at least three doses, including at least one 2023-2024 mRNA dose.
 - ii. **Moderna Recipients:** Considered up to date if they have received at least two doses of Moderna, including at least one 2023-2024 mRNA dose.
 - b. **Age 5-11:** Considered up to date if they have received at least one 2023-2024 mRNA dose.
 - c. **Age 12-64:** Considered up to date if they have received at least one 2023-2024 mRNA dose or at least one or two 2023-2024 Novavax doses depending on previous vaccination history.
 - d. **Age 65+:** Considered up to date if they have received at least two 2023-2024 mRNA doses or at least two or three 2023-2024 Novavax doses depending on previous vaccination history.
5. 5+ Population in Census Tract in City/Community: Estimated annual population of LAC residents 5+ years of age within each census tract-city/community combination used as the denominator in the vaccination estimate percentages: Cumulative 5+ vaccinated with 1+ updated 23-24 dose (%); Cumulative 5+ years up to date (%). The values do not change weekly.



File Descriptions

1. "Total Cumulative 5+ Years of Age Vaccination Estimates by Census Tract within City/Community": The total number of LAC residents 5+ years of age and percent of 5+ total population within each census tract-city/community combination as of the indicated download file update date. Two vaccination metrics are provided: Cumulative 5+ vaccinated with 1+ updated 23-24 dose; Cumulative 5+ with up to date vaccination.
2. "Weekly Cumulative 5+ Years of Age Vaccination Estimates by Census Tract within City/Community": The cumulative number of LAC residents 5+ years of age and percent of total 5+ population vaccinated within each census tract-city/community combination as of each week ending Sunday date. Two vaccination metrics are provided: Cumulative 5+ vaccinated with 1+ updated 23-24 dose; Cumulative 5+ with up to date vaccination.

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 " $\geq 95\%$ " indicate that population vaccination coverage metrics are at or above 95%.
5. Data are not displayed for census tracts with population size of less than 5 persons or less than 5 persons vaccinated.