



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.

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+ 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 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+ Fully Vaccinated (% and count): The number of LAC residents 5+ years of age and percent of 5+ population within each census tract-city/community combination who have completed their primary vaccination(s) (two doses for Moderna/Pfizer/Novavax or one dose for J&J). In the time series download file, the Date field indicates the Sunday date at the end of the week during which primary vaccination completion occurred (second dose date for Pfizer/Moderna/Novavax and first dose date for J&J).
5. Cumulative 5+ Vaccinated with 1+ Additional 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 received 1+ additional/booster dose (including bivalent booster doses) following primary vaccination completion. In the time series download file, the Date field indicates the Sunday date at the end of the week during which the first additional dose was administered on or after 8/13/2021 (or after 9/01/2022 for bivalent booster doses) and ≥ 24 days after primary vaccine series completion.
6. 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+ Dose (%); Cumulative 5+ Fully Vaccinated (%); Cumulative 5+ Vaccinated with 1+ Additional Dose (%). The values do not change weekly.



7. Cumulative 5+ Eligible for and Vaccinated with 1+ Updated Booster Dose: The number of LAC residents 5+ years of age and percent of 5+ eligible population within each census tract-city/community combination who received 1+ updated booster dose following primary vaccine series completion. In the time series download file, the Date field indicates the Sunday date at the end of the week during which the first additional dose was administered on or after 8/13/2021 (or after 9/01/2022 for bivalent booster doses) and ≥ 24 days after primary vaccination completion.
8. 5+ Population in Census Tract in City/Community Eligible for Updated Booster Dose: The number of residents in census tract and city/community eligible for an updated booster dose. This number can change weekly as additional residents become eligible, and it is used as the denominator in calculating the corresponding cumulative percent of 5+ vaccinated with 1+ updated booster dose in that census tract and city/community combination.

File Descriptions

"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 or eligible population vaccinated within each census tract-city/community combination as of the indicated download file update date. Four vaccination metrics are provided: Cumulative 5+ Vaccinated with 1+ Dose; Cumulative 5+ Fully Vaccinated; Cumulative 5+ Vaccinated with 1+ Additional Dose; Cumulative 5+ Eligible for and Vaccinated with 1+ Updated Booster Dose.

"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 or eligible 5+ population vaccinated within each census tract-city/community combination as of each week ending Sunday date. Three vaccination metrics are provided: Cumulative 5+ Vaccinated with 1+ Dose; Cumulative 5+ Fully Vaccinated; Cumulative 5+ Vaccinated with 1+ Additional Dose; Cumulative 5+ Eligible for and Vaccinated with 1+ Updated Booster Dose.. Select data in this file had errors prior to 1/29/2022. The issue has been resolved, but please discard any files downloaded prior to 1/29/2022. The following download files were not impacted: "Total Cumulative 5+ Years of Age Vaccination Estimates by Census Tract within City/Community" and "City/Community Only Vaccination Estimates".

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. 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. Data 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 14, 2020 throughout the dashboard.