# Voting Location Siting Tool – Metadata Dictionary

## Variable Definitions

We have provided all of the indicator data and the suggested areas for download. The definitions of the variable names in each data set are described here.

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## CSV Downloads

### Indicator Data

| Column Name | Definition |
|---|---|
| geoid | Unique identifier for each census tract. *Please note that leading zeroes may be dropped for this field when opening in external software* |
| countyfp | County FIPS code. *Please note that leading zeroes may be dropped for this field when opening in external software* |
| prc_nonengprof_final | Percent Limited English Proficient Population |
| prc_nonengprof_final_unreliable_flag | Uncertainty flag for the percent limited English proficient population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| prc_caraccess_final | Percent of the population with access to a vehicle. |
| prc_caraccess_final_unreliable_flag | Uncertainty flag for percent of the population with access to a vehicle. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| prcdisabled_final | Percent Disabled Population |
| prcdisabled_final_unreliable_flag | Uncertainty flag for the percent disabled population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| prc_pov_final | Percent of the Population in Poverty |
| prc_pov_final_unreliable_flag | Uncertainty flag for the percent of the population in poverty. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |

| Column Name | Definition |
|---|---|
| prc_youth_final | Percent of the Youth Population |
| prc_youth_final_unreliable_flag | Uncertainty flag for the percent youth population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| **Column Name** | **Definition** |
| prc_asian* | Percent of the tract population that is Asian (Asian alone, not Hispanic or Latino and Native Hawaiian/Pacific Islander alone, not Hispanic or Latino combined). |
| prc_asian_unreliable_flag | Uncertainty flag for the percent Asian population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| prc_black* | Percent of the tract population that is Black alone, not Hispanic or Latino. |
| prc_black_unreliable_flag | Uncertainty flag for the percent Black population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| prc_latino | Percent of the tract population that is Hispanic or Latino. |
| prc_latino_unreliable_flag | Uncertainty flag for the percent Latino population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| prc_white* | Percent of the tract population that is White alone, not Hispanic or Latino. |
| prc_white_unreliable_flag | Uncertainty flag for the percent White population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| cvapdens | Percentage of Voting Age Citizens in a census tract out of county total |
| cvapdens_unreliable_flag | Uncertainty flag for the Percentage of Voting Age Citizens in census tract out of county total. A value of 1 indicates that the estimate has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| tot_elignonreg_prc_final | Eligible Non-Registered Voter Rate |
| tot_elignonreg_prc_final_unreliable_ flag | Uncertainty flag for the eligible non-registered voter rate. A value of 1 indicates that the estimate has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| job_dens | County Worker Percentage (% job out of county total) |
| pollvoter_dens | Percentage of polling place voters in a census tract out of county total |
| pop10 | Total Population |
| areakm | Area (kilometer) |
| popdens | Population Density (people per square kilometer) |

| vbm_rate_tot | Vote by Mail Rate (Total) |
| vbm_rate_asn | Vote by Mail Rate (Asian) |
| vbm_rate_lat | Vote by Mail Rate (Latino) |
| vbm_rate_youth | Vote by Mail Rate (Youth) |

*These population data are contextual only and were not used in the model.

## Transit Stops

| Column Name | Definition |
| --- | --- |
| provider | Transit provider |
| lat | Latitude (coordinate of transit stop) |
| lon | Longitude (coordinate of transit stop) |
| num_stops_per_week | Count of bus/transit service to the stop per week |
| score | Standardized score for frequency of transit service to stop |

## Points of Interest (POIs)

| Column Name | Definition |
| --- | --- |
| osm_id | OSM ID |
| code | Type code (category of POI) |
| fclass | Type name |
| name | Name of feature |
| lon | Longitude (coordinate of POI) |
| lat | Latitude (coordinate of POI) |

## Polling Places / Vote Centers - 2020 Primary Election

| Column Name | Definition |
| --- | --- |
| name | Name of polling place or vote center (if available) |
| address | Address of polling place or vote center |
| lat | Latitude (coordinate of voting location) |
| lon | Longitude (coordinate of voting location) |
| In CA, additional fields may be present on wait time and ballots cast, but data is only available for LA County. In certain polling place files, there might be 'unnamed' columns with internal IDs (or blank), which can be ignored. | |

# Shapefile Downloads

## Indicator Data

| Column Name | Definition |
| --- | --- |
| Gid | Internal identifier |

| | |
|---|---|
| statefp | State FIPS code |
| tractce | Census tract number |
| geoid | Unique identifier for each census tract. *Please note that leading zeroes may be dropped for this field when opening in external software* |
| mtfcc, funcstat, intptlat, intptlon, shape_leng, shape_area, geoid_data | Standard fields available in the TIGER files for census tracts. |
| countyfp | County FIPS code. *Please note that leading zeroes may be dropped for this field when opening in external software* |
| pr_ngpr | Percent Limited English Proficient Population |
| pr_ngpr_un | Uncertainty flag for the percent limited English proficient population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| pr_car | Percent of the population with access to a vehicle |

| Column Name | Definition |
|---|---|
| pr_car_un | Uncertainty flag for percent of the population with access to a vehicle. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| pr_dsb | Percent Disabled Population |
| pr_dsb_un | Uncertainty flag for the percent disabled population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| pr_pov | Percent of the Population in Poverty |
| pr_pov_un | Uncertainty flag for the percent of the population in poverty. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| pr_yth | Percent of the Youth Population |
| pr_yth_un | Uncertainty flag for the percent youth population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| pr_asn* | Percent of the tract population that is Asian (Asian alone, not Hispanic or Latino and Native Hawaiian/Pacific Islander alone, not Hispanic or Latino combined). |
| pr_asn_un | Uncertainty flag for the percent Asian population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| pr_blk* | Percent of the tract population that is Black alone, not Hispanic or Latino. |

| Column Name | Definition |
| --- | --- |
| pr_blk_un | Uncertainty flag for the percent Black population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| pr_lat | Percent Latino Population |
| pr_lat_un | Uncertainty flag for the percent Latino population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| pr_wht* | Percent of the tract population that is White alone, not Hispanic or Latino. |
| pr_wht_un | Uncertainty flag for the percent White population. A value of 1 indicates that the estimate provided by the American Community Survey has a high degree of uncertainty (coefficient of variation over 40%). A value of 0 indicates that the estimate is stable. |
| cvapdens | Percentage of Voting Age Citizens in a census tract out of county total |
| cvap_un | Uncertainly flag for the percentage of voting age citizens |
| pr_elno | Eligible Non-Registered Voter Rate |
| pr_elno_un | Uncertainty flag for the eligible non-registered voter rate. A value of 1 indicates that the estimate has a high degree of uncertainty. A value of 0 indicates that the estimate is stable. |
| job_dens | County Worker Percentage (% job out of county total) |
| polvtrdens | Percentage of polling place voters in a census tract out of county total. |
| pop10 | Total Population |
| areakm | Area (kilometer) |
| popdens | Population Density (people per square kilometer) |
| **Column Name** | **Definition** |
| vbm_tot | Vote by Mail Rate (Total) |
| vbm_asn | Vote by Mail Rate (Asian) |
| vbm_lat | Vote by Mail Rate (Latino) |
| vbm_yth | Vote by Mail Rate (Youth) |

*These population data are contextual only and were not used in the model.

## Voting Location and Drop Box Suggested Areas

| Column Name | Definition |
| --- | --- |
| idnum | Unique identifier for suggested area |
| county | County FIPS code |
| vc_score | Composite score of suggested area for vote centers |

| db_score | Composite score of suggested area for ballot drop off boxes |