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.

CSV Downloads
    Indicator Data
    Transit Stops
    Points of Interest (POIs)
    Polling Places / Vote Centers - 2020 Primary Election
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Voting Location and Drop Box Suggested Areas

CSV Downloads

Indicator Data

Column Name	Definition
geoid	Unique identifier for each census tract
countyfp	County FIPS code
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.
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.

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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
mtfcc, funcstat, intptlat, intptlon, shape_leng, shape_area, geoid_data	Standard fields available in the TIGER files for census tracts.
countyfp	County FIPS code
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.
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