

SB535 Disadvantaged Communities List (2022)

Data Dictionary

This document provides the data dictionary for the corresponding Excel file containing the list of disadvantaged communities (DACs) designated by CalEPA. The corresponding Excel file contains the following tabs of data.

The first tab contains this data dictionary information.

The second tab "SB 535 tract list" contains the list of census tracts identified as DACs by use of the CalEnviroScreen tool.

The third tab "SB535 tribal area list" contains the list of tribal areas in California that are identified as DACs. (Data dictionary at the bottom of this page).

A Tribe may establish that a particular area of land is under its control, for purposes of this designation, by requesting a consultation with the CalEPA Deputy Secretary for Environmental Justice, Tribal Affairs and Border Relations at TribalAffairs@calepa.ca.gov.

The fourth tab "SB535 tract all data" contains all of the underlying CalEnviroScreen data for the list of identified census tracts in the SB535 tract list. (Data dictionary below)

Additional information on SB 535 is available at the [CalEPA webpage](#) and the [OEHHA webpage](#).

Information on CalEnviroScreen is available at the [webpage here](#).

American Indian Areas Related National Geodatabase of federally recognized tribal boundaries within California downloaded from [Census TIGER/Line Geodatabase](#) (2021).

Note: the two Tribal Designated Statistical Areas (TDSA) boundaries in California were removed as they are statistical boundaries for federally recognized tribes that do not currently have a reservation or trust land.

Data dictionary for SB535 tract list and SB535 tract all data

Variable Name	Description
Census Tract	Census Tract ID from 2010 Census
Total Population	2019 ACS population estimates in census tracts
California County	California county that the census tract falls within
ZIP	Postal ZIP Code that the census tract falls within
Approximate Location	Approximate city where each census tract is located based on US Census Incorporated Places (2020, Cities), US Census Designated Places, (2020, Designated Places), and the CA Department of Tax and Fees City and County Boundaries and City Annexations (2021, Unincorporated Areas) boundary files. All tracts that did not fall within one of these boundaries were assigned "unincorporated county area" based on that tract's county. This is for reference purposes only and should not be used to determine whether a census tract falls within a city or town boundary.
Longitude	Longitude of the centroid of the census tract

Latitude	Latitude of the centroid of the census tract
CES 4.0 Score	CalEnviroScreen Score, Pollution Score multiplied by Population Characteristics Score
CES 4.0 Percentile	Percentile of the CalEnviroScreen score
CES 4.0 Percentile Range	Percentile of the CalEnviroScreen score, grouped by 5% increments
DAC Category	Parameter that the census tract met to determine DAC status. "CalEnviroScreen 4.0 Top 25%" census tracts receiving the highest 25 percent of overall scores in CalEnviroScreen 4.0; "2017 Disadvantaged Community (CalEnviroScreen 3.0 only)" census tracts identified in the 2017 DAC designation as disadvantaged, regardless of their scores in CalEnviroScreen 4.0; " CalEnviroScreen 4.0 High Pollution Burden Score, Low Population Count" census tracts lacking overall scores in CalEnviroScreen 4.0 due to data gaps, but receiving the highest 5 percent of CalEnviroScreen 4.0 cumulative pollution burden scores
Ozone	Amount of daily maximum 8 hour Ozone concentration
Ozone Pctl	Ozone percentile
PM2.5	Annual mean PM 2.5 concentrations
PM2.5 Pctl	PM2.5 percentile
Diesel PM	Diesel PM emissions from on-road and non-road sources
Diesel PM Pctl	Diesel PM percentile
Drinking Water	Drinking water contaminant index for selected contaminants
Drinking Water Pctl	Drinking water percentile
Lead	Potential risk for lead exposure in children living in low-income communities with older housing
Lead Pctl	Children's lead risk from housing percentile
Pesticides	Total pounds of selected active pesticide ingredients (filtered for hazard and volatility) used in production-agriculture per square mile in the census tract
Pesticides Pctl	Pesticides percentile
Tox. Release	Toxicity-weighted concentrations of modeled chemical releases to air from facility emissions and off-site incineration (from RSEI)
Tox. Release Pctl	Toxic release percentile
Traffic	Traffic density, in vehicle-kilometers per hour per road length, within 150 meters of the census tract boundary
Traffic Pctl	Traffic percentile
Cleanup Sites	Cleanup sites, sum of weighted EnviroStor cleanup sites within buffered distances to populated blocks of census tracts
Cleanup Sites Pctl	Cleanup sites percentile

Groundwater Threats	Groundwater threats, sum of weighted GeoTracker leaking underground storage tank sites within buffered distances to populated blocks of census tracts
Groundwater Threats Pctl	Groundwater threats percentile
Haz. Waste	Sum of weighted hazardous waste facilities and large quantity generators within buffered distances to populated blocks of census tracts
Haz. Waste Pctl	Hazardous waste percentile
Imp. Water Bodies	Impaired water bodies, sum of number of pollutants across all impaired water bodies within buffered distances to populated blocks of census tracts
Imp. Water Bodies Pctl	Impaired water bodies percentile
Solid Waste	Sum of weighted solid waste sites and facilities (SWIS) within buffered distances to populated blocks of census tracts
Solid Waste Pctl	Solid waste percentile
Pollution Burden	Average of percentiles from the Pollution Burden indicators (with a half weighting for the Environmental Effects indicators)
Pollution Burden Score	Pollution Burden variable scaled with a range of 0-10. (Used to calculate CES 4.0 Score)
Pollution Burden Pctl	Pollution burden percentile
Asthma	Age-adjusted rate of emergency department visits for asthma
Asthma Pctl	Asthma percentile
Low Birth Weight	Percent low birth weight
Low Birth Weight Pctl	Low birth weight percentile
Cardiovascular Disease	Age-adjusted rate of emergency department visits for heart attacks per 10,000
Cardiovascular Disease Pctl	Cardiovascular disease percentile
Education	Percent of population over 25 with less than a high school education
Education Pctl	Education percentile
Linguistic Isolation	Percent limited English speaking households
Linguistic Isolation Pctl	Linguistic isolation percentile
Poverty	Percent of population living below two times the federal poverty level
Poverty	Poverty percentile
Unemployment	Percent of the population over the age of 16 that is unemployed and eligible for the labor force
Unemployment Pctl	Unemployment percentile
Housing Burden	Percent housing burdened low income households
Housing Burden Pctl	Housing burden percentile
Pop. Char.	Average of percentiles from the Population Characteristics indicators
Pop. Char. Score	Population Characteristics variable scaled with a range of 0-10. (Used to calculate CES 4.0 Score)
Pop. Char. Score Pctl	Population characteristics percentile

Data dictionary for SB535 tribal area list

Variable Name	Description
GeoID	Identification code from the Census
Name	Current American Indian area name
Component	Component type. "R" is Federally recognized American Indian Reservations (AIRs) and "T" is Off-Reservation Trust Lands (ORTL). Note: On-reservation trust lands are included as part of the reservation "R" boundary.