

OEHHA

California Communities Environmental Health Screening Tool

(CalEnviroScreen 1.1)

[09/13/13] [updated](#) 03/07/14

The California Environmental Protection Agency (Cal/EPA) and the Office of Environmental Health Hazard Assessment (OEHHA) announce the availability of an update to the [California Communities Environmental Health Screening Tool: CalEnviroScreen 1.1](#).

CalEnviroScreen is a screening methodology that can be used to help identify California communities that are disproportionately burdened by multiple sources of pollution.

CalEnviroScreen 1.1 uses the same methodology as Version 1.0 except that the indicator for race/ethnicity was removed from the calculation of a community's CalEnviroScreen score. This change was made to facilitate the use of the tool by government entities that may be restricted from considering race/ethnicity when making certain decisions. The CalEnviroScreen 1.1 document continues to calculate scores for the state's ZIP codes. While race and ethnicity will not be used in the calculations, a new section has been added that provides information on the racial and ethnic composition of communities throughout the state. This information contributes to a better understanding of the relationship between race/ethnicity and the pollution burdens facing communities in California. Cal/EPA and OEHHA are committed to updating and expanding this section as new versions of the tool are released.

Updated Report:

[California Communities Environmental Health Screening Tool Report \(CalEnviroScreen 1.1\)](#)

[Instrumento De Evaluación De La Salud Ambiental En Las Comunidades De California, \(CalEnviroScreen Versión 1.1\)](#)

Race and Ethnicity and CalEnviroScreen 1.1:

The document below provides a sampling of scientific literature showing that the relationship between pollutant exposure, stress, and health outcomes can vary based on race and ethnicity. Information on the composition of communities throughout the state by race and ethnicity is also included. Cal/EPA and OEHHA recognize the need to better examine and understand the relationship between race/ethnicity and pollution burden, which is also explored in this document. Cal/EPA and OEHHA are committed to updating and expanding this analysis as new versions of the tool are released.

- [Analysis of CalEnviroScreen 1.1 Scores and Race/Ethnicity](#)
- [Análisis de la Puntuación CalEnviroScreen 1.1 y la Raza/Etnicidad](#)

Online Mapping Applications of CalEnviroScreen 1.1 Results:

- [Mapping Application of All ZIP Codes and CalEnviroScreen 1.1 Scores](#)



- [Mapping Application of ZIP Codes with Highest CalEnviroScreen 1.1 Scores](#)



CalEnviroScreen Results and Data in Other Formats:

- *Microsoft Excel spreadsheet*: A spreadsheet showing raw data and calculated percentiles for individual indicators and combined CalEnviroScreen scores for individual ZIP codes with additional demographic information: [CalEnviroScreenData_v11.xlsx](#)
- *Google Earth file*: A file which can be opened using the free Google Earth application to view results in map format (Google Earth may be [downloaded here](#)): [CalEnviroScreen1.1.kmz](#) (Note: this file will download via GoogleDocs)

- *ArcGIS Geodatabase*: A zipped file which can be unzipped, then opened using ArcGIS software to view the results in a File Geodatabase Feature Class format (ArcGIS is a paid subscription): [CES1_1Geodatabase.zip](#)

For questions regarding this report, accompanying documents or the web application, please contact John Faust at (510) 622-3200 or CalEnviroScreen@oehha.ca.gov.