



CalEPA
California Environmental
Protection Agency



OEHHA
California Office of Environmental
Health Hazard Assessment



Preliminary Designation of Disadvantaged Communities

VIRTUAL PUBLIC WORKSHOPS

OCTOBER 26 AND 27, 2021



Shereen D'Souza

DEPUTY SECRETARY FOR CLIMATE POLICY AND INTERGOVERNMENTAL
RELATIONS

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Background

SB 535

- Senate Bill (SB) 535 (De León, Statutes of 2012):
 - CalEPA shall identify disadvantaged communities “based on geographic, socioeconomic, public health and environmental hazard criteria.”
- In 2014 and again in 2017, CalEPA designated disadvantaged communities as the top 25% scoring census tracts under the then current versions of CalEnviroScreen.
- OEHHA recently released CalEnviroScreen Version 4.0, which has prompted CalEPA to revisit the disadvantaged communities designation.

CalEPA's Preliminary Disadvantaged Communities Designation

The Preliminary Designation of Disadvantaged Communities CalEPA released on October 20, 2021, is based on several years of stakeholder engagement and feedback.

CalEPA proposes designating the following as disadvantaged communities:

- The highest scoring 25% of census tracts from CalEnviroScreen 4.0, along with census tracts scoring in the top 5% of the Pollution Burden indicator but without an overall CalEnviroScreen score due to unavailable or unreliable Population Characteristics indicator data and score.
- All census tracts that were designated as disadvantaged in 2017 but that do not score in the top 25% of CalEnviroScreen 4.0 or top 5% of the Pollution Burden indicator.
- All areas within federally recognized tribal boundaries in California.

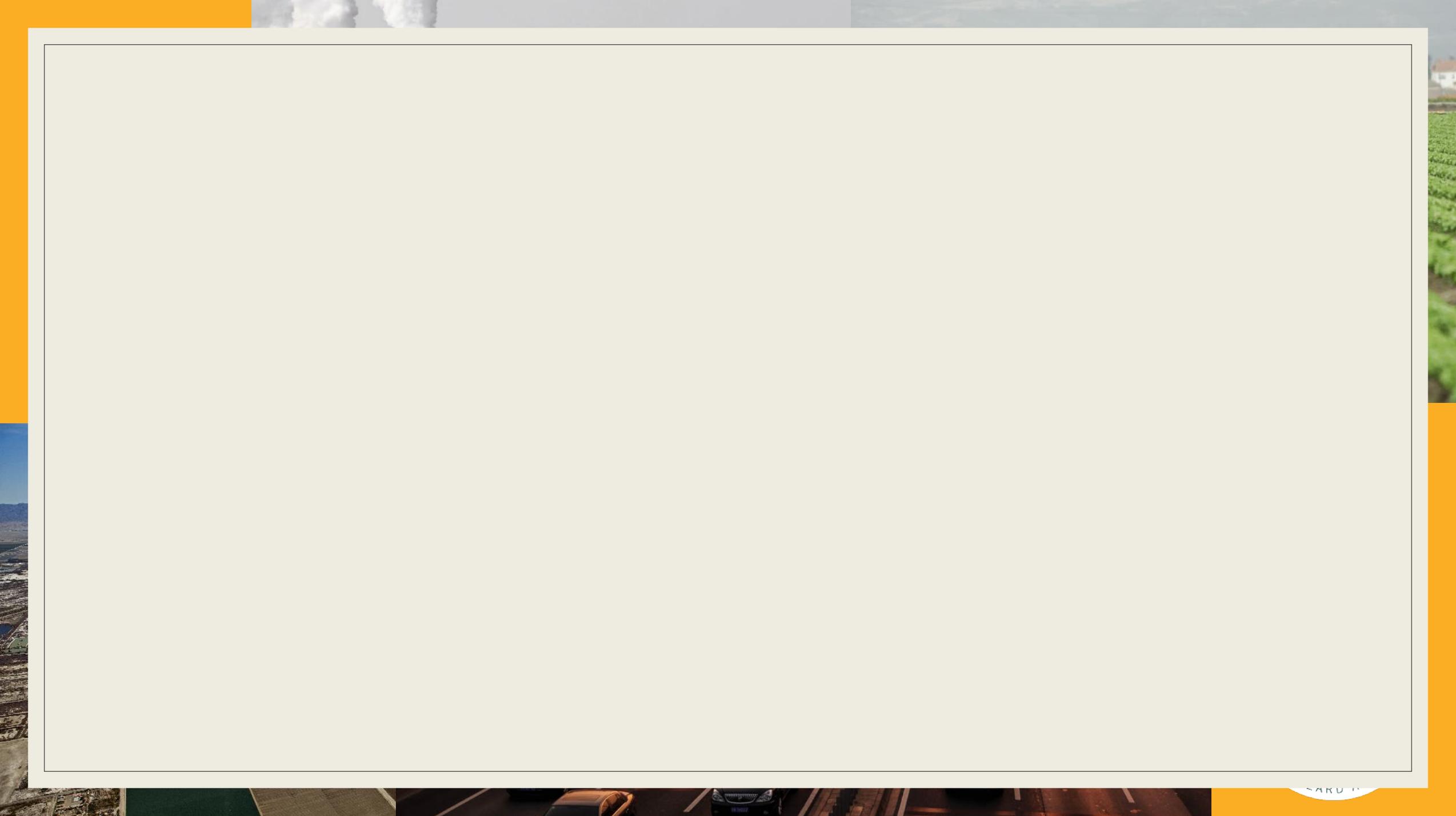


OEHHA

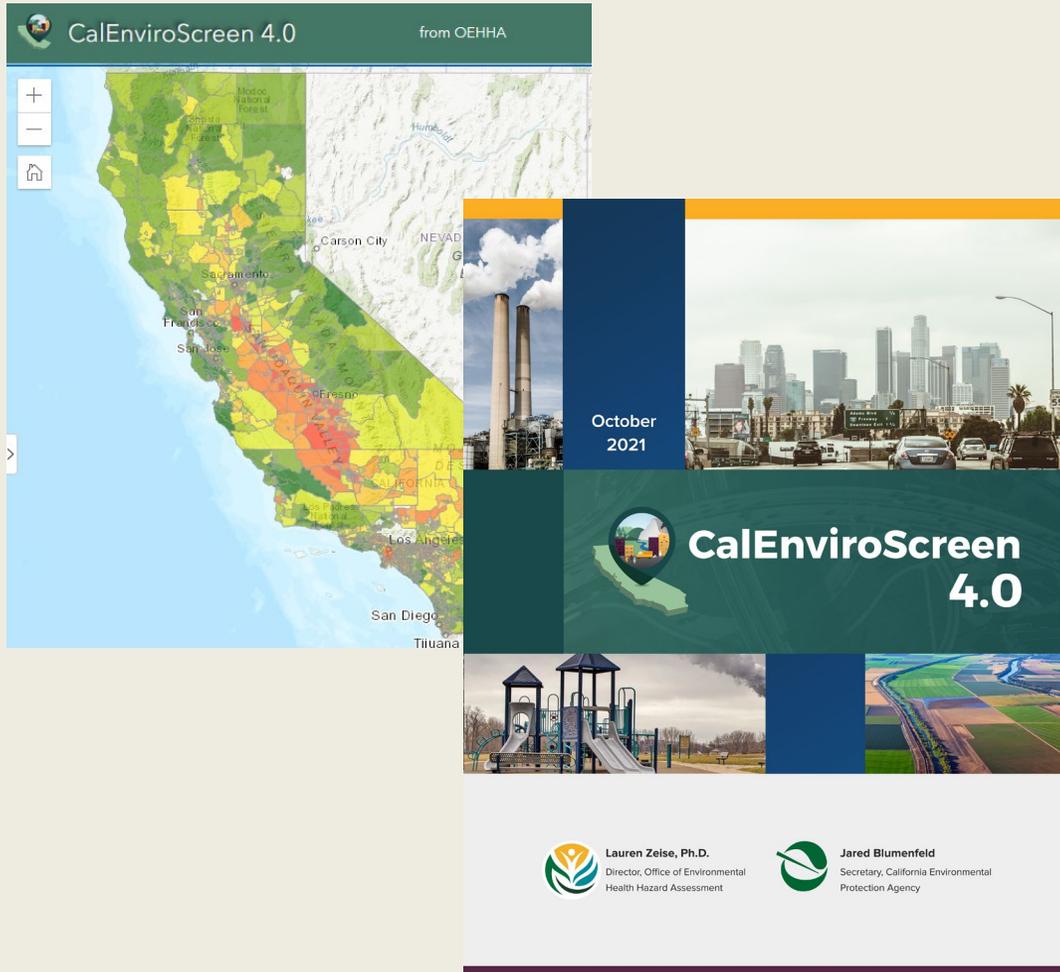
California Office of Environmental
Health Hazard Assessment

Laura August

CHIEF, COMMUNITY ASSESSMENT AND RESEARCH SECTION
OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT



CalEnviroScreen 4.0



- Released October 13, 2021
- Geographic analysis of relative burdens in California communities from pollution and population vulnerability
- 21 indicators combined into a single score at the census tract scale
- Identifies California communities that are most affected by many sources of pollution, and where people are especially vulnerable to the effects of pollution



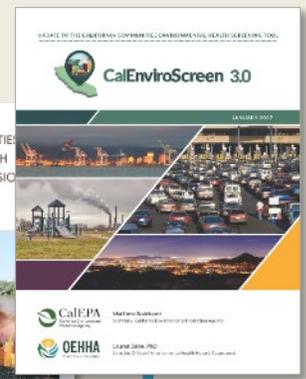
**California
EJ Statutes**

1999-2000



**Cumulative
Impacts
Work Group**

2008-2013



**CalEnviroScreen
Public Versions
1.0 to 4.0**

2013-2021

2004

2010-2018

**Advisory
Committee
Recommendations
& CalEPA EJ
Action Plan**

**Workshops and
Consultation
Processes**



California Environmental Protection Agency

**OCTOBER 2004
ENVIRONMENTAL JUSTICE
ACTION PLAN**



CalEnviroScreen 4.0 Indicators



Pollution Burden		Population Characteristics	
Exposures	Environmental Effects	Sensitive Populations	Socioeconomic Factors
 Ozone  PM2.5  Diesel PM  Drinking Water Contaminants  Toxic Releases from Facilities  Traffic  *New* Children's Lead Risk from Housing  Pesticide Use	 Solid Waste Sites and Facilities  Cleanup Sites  Hazardous Waste Generators and Facilities  Groundwater Threats  Impaired Water Bodies	 Asthma  Cardiovascular Disease  Low Birth Weight Infants	 Educational Attainment  Housing Burden  Linguistic Isolation  Poverty  Unemployment

CalEnviroScreen Methodology

- Census tract scale: About 8,000 census tracts in California.
- Each census tract receives a CalEnviroScreen percentile score (between 1–100) based on how its 21 indicators compare with other census tracts.



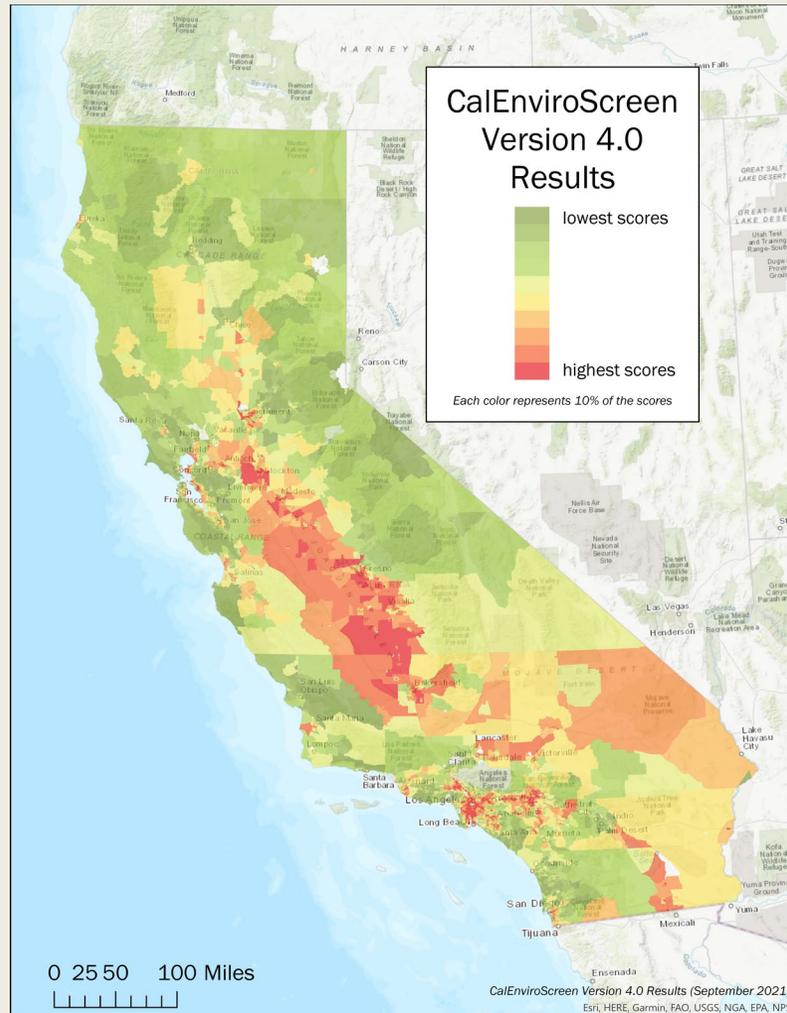
- Census tracts with higher scores have higher pollution burdens and vulnerabilities than tracts with lower scores.

CalEnviroScreen 4.0 Major Updates

- All indicators contain the most recent available data.
- Improvements in the way some indicators are calculated to better reflect environmental conditions or population vulnerability to pollution.
 - Improvements in the methodology for Particulate Matter and Diesel PM indicators.
 - Incorporation of additional pesticides in the Pesticide Use indicator.
 - Addition of chrome metal plating facilities to the Hazardous Waste indicator.
 - Addition of dairies and feedlots to the Groundwater Threats indicator.
- New indicator, Children's Lead Risk from Housing, accounts for possible lead exposure from paint and other sources in or around the home.
 - Combines two measures of known risk factors: age of housing and low-income households with children.
- See the Summary of Changes in CalEnviroScreen 4.0 document for more details:
<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>



CalEnviroScreen 4.0 Results



- Highlights areas of the state with highest burdens and population vulnerability.
- Disproportionate high scores in Greater Los Angeles Area and the San Joaquin Valley.
- Broad similarity across versions of CalEnviroScreen (highly correlated)
- Changes in top 25% census tracts (compared to 3.0): 85% same locations

Available at:

<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>



Cap and Trade
Dollars at Work



Mario Cruz

**CHIEF, CLIMATE INVESTMENTS BRANCH, SUSTAINABLE
TRANSPORTATION AND COMMUNITIES DIVISION**

CALIFORNIA AIR RESOURCES BOARD

California Climate Investments: \$9 Billion in Implemented Projects

Cap and Trade
Dollars at Work



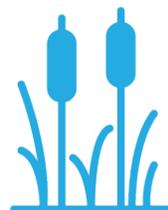


As of May 2021

Cumulative Project Outcomes



51% of funding benefiting priority populations (\$4.5 billion)



659,000+ acres of land preservation or restoration



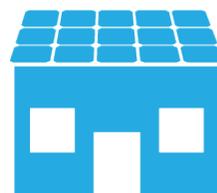
542,000+ individual projects implemented



740+ transit agency projects funded, adding or expanding transit service



8,000+ affordable housing units under contract



123,000+ projects installing energy efficiency measures in homes



125,000+ urban trees

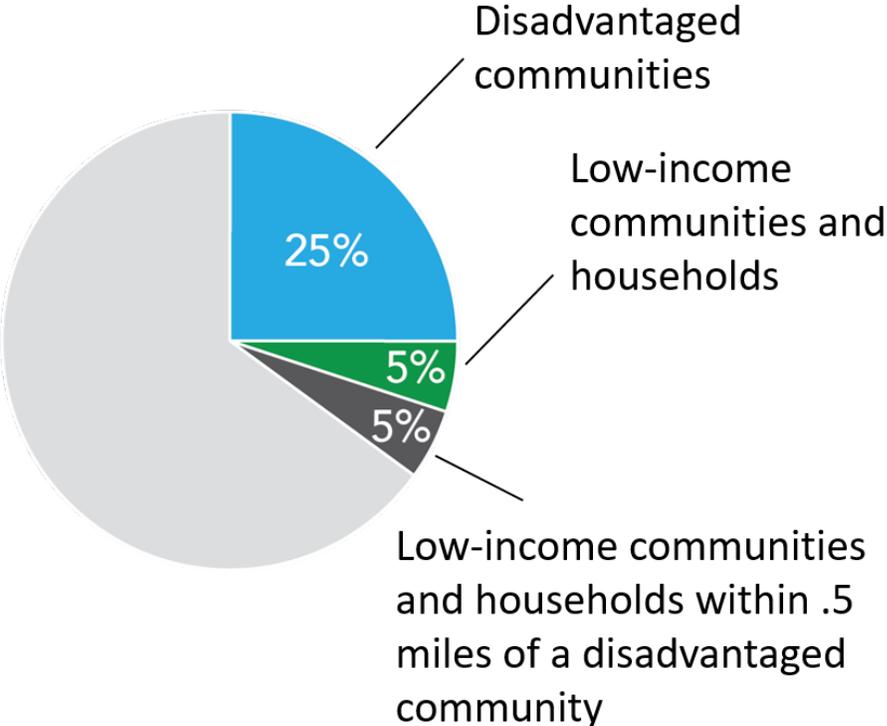


399,000+ rebates issued for zero-emission and plug-in hybrid vehicles

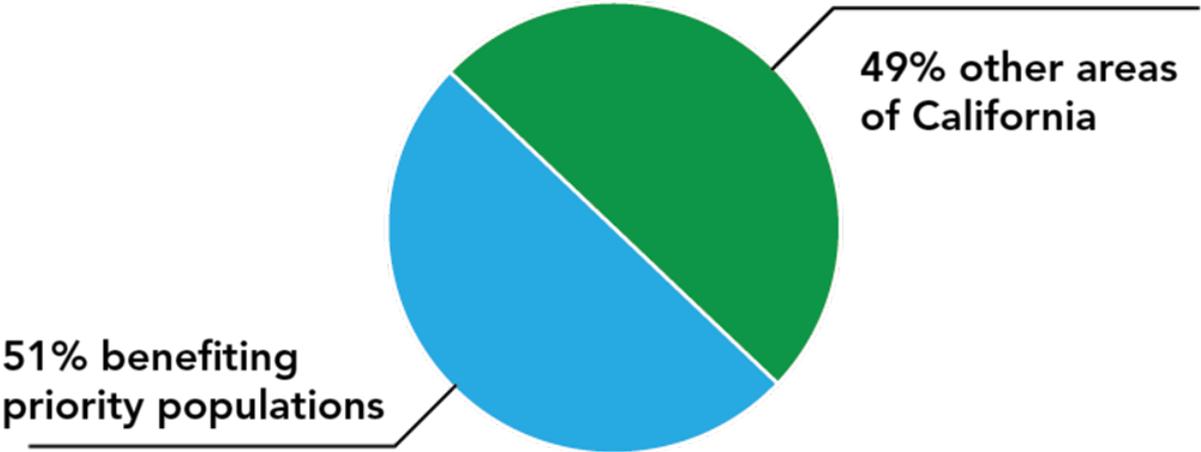
CCI Project Map available at: webmaps.arb.ca.gov/ccimap

Benefits to Priority Populations

STATUTORY MINIMUMS



PROGRESS TO DATE





Targeting Benefits to Priority Populations



PROGRAM DESIGN



PROJECT
SELECTION



HIGHER AMOUNTS



SET-ASIDES



TECHNICAL
ASSISTANCE



CAPACITY
BUILDING



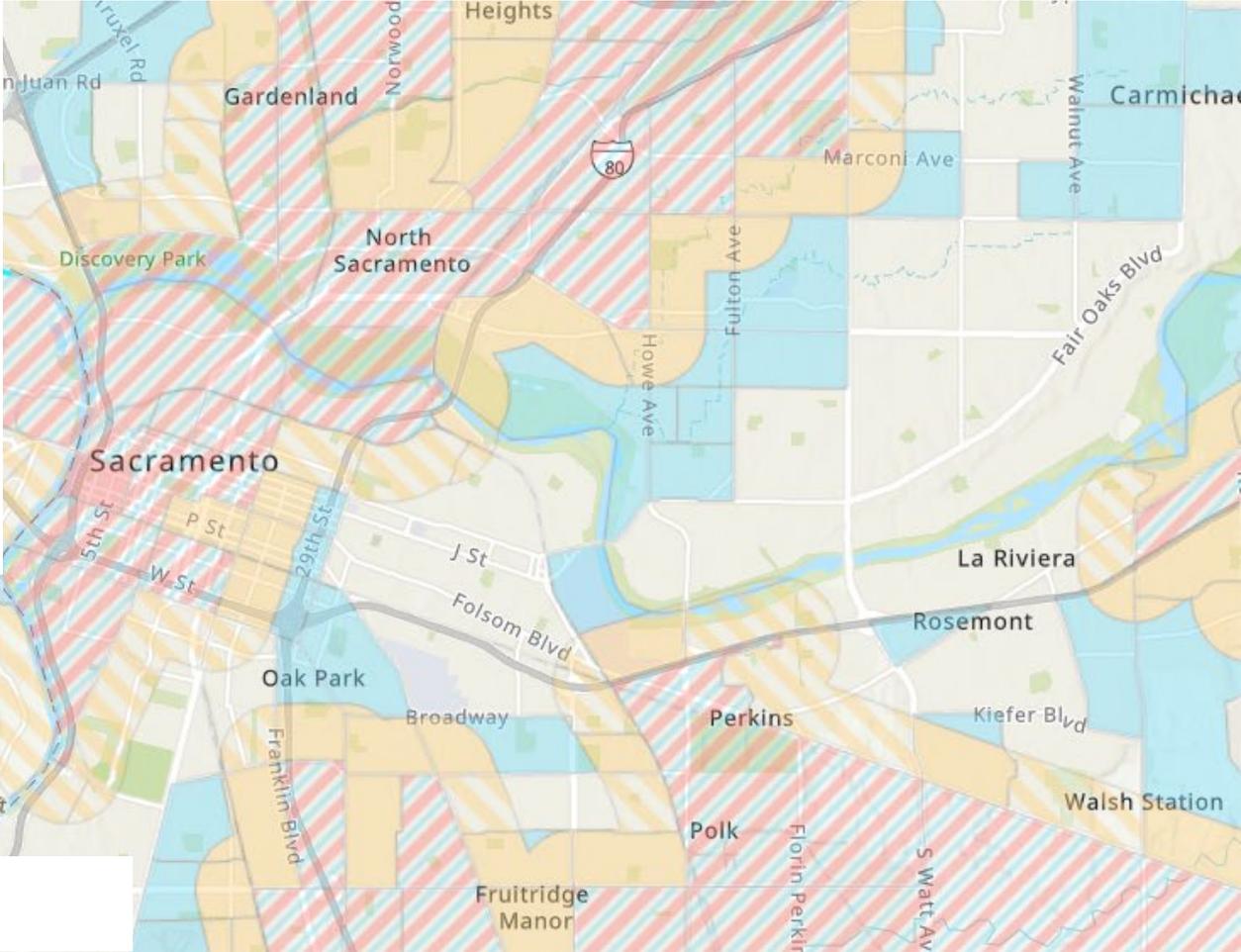
ADVANCE PAYMENT

Priority Populations Map

Priority Populations

-  Disadvantaged Community
-  Disadvantaged and Low-income Community
-  Low-income Community
-  Low-income Community within 1/2 mile of Disadvantaged Community
-  Potential Low-income Households within 1/2 mile of Disadvantaged Community

* Low-income households statewide are also considered a priority population for the purposes of California Climate Investments



CCI Resources

caclimateinvestments.ca.gov

  @CAClimateInvest

info@caclimateinvestments.ca.gov

1-800-757-2907 • Hablamos Español

Funding Wizard

<https://fundingwizard.arb.ca.gov/web/>

Stay in the know! Subscribe to the [California Climate Investments Newsletter](#).

Connect and build relationships across the state, as well as within your community, with [Community Connections](#).



Breakout Room Discussion

You will now be placed into a breakout room by the host. **This will take a few minutes to organize.**

Attendees who prefer to use the Spanish channel please identify yourself in the chat so we can assign you back to the main room with the interpretation channel.

Ground rules:

- Please stay on mute until the facilitator asks for your participation
- Please don't talk over others
- Please allow time for others to participate
- **Please be respectful**

Ways to comment on the draft:

- Thank you for your comments and questions during the breakout sessions today. In addition, you can:
 - Submit comments by email to **comments@calepa.ca.gov**

Deadline for public comment:

Tuesday, November 16, 2021

Final release of CalEPA's Disadvantaged Communities Designation:

Mid-December, 2021



Thank You!

