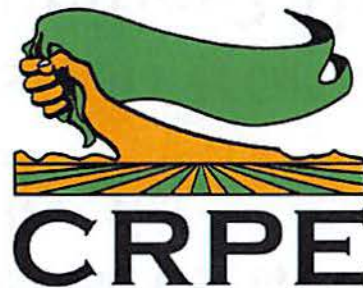
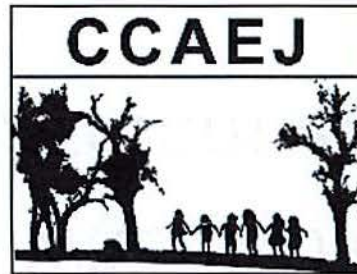


DOCKETED

Docket Number:	15-AFC-01
Project Title:	Puente Power Project
TN #:	212739
Document Title:	Presentation - CEJA on Preliminary Staff Assessment Workshop
Description:	CalEnviroScreen/Environmental Justice Power Point presentation made by California Environmental Justice Alliance at the July 21,2016 public workshop.
Filer:	Cathy Hickman
Organization:	California Environmental Justice Alliance
Submitter Role:	Public
Submission Date:	8/11/2016 10:49:39 AM
Docketed Date:	8/11/2016



California Environmental Justice Alliance



Pacoima Beautiful



Why Is a Cumulative Impact Screening Tool so Important?

- Environmental decision-making looks at pollution on a case-by-case basis, rather than the totality of pollution and other issues
- We also get the question from policy makers: Where are EJ communities? They need academic research that shows where EJ communities are
- For these reasons, EJ community long pushed for a CI tool.
- We want to use the tool to connect overburdened communities to resources and beneficial local, regional and statewide policies

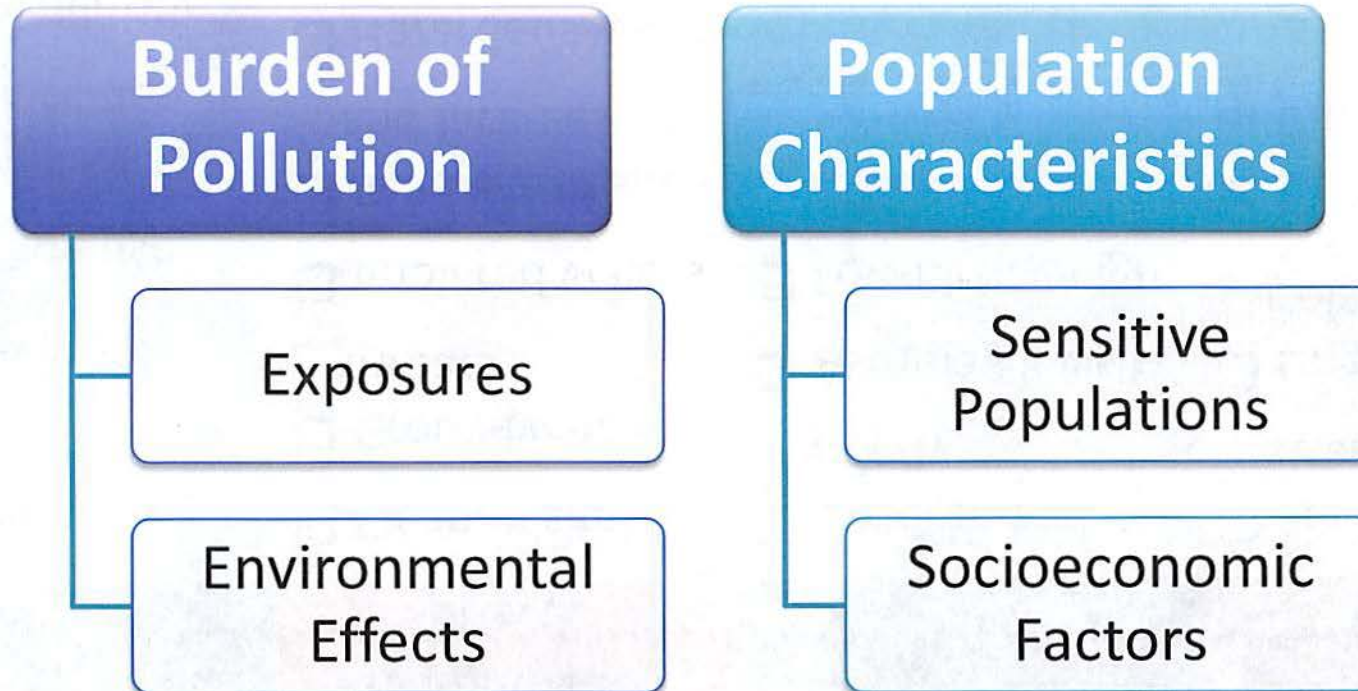
CALENVIROSCREEN VERSION 2.0 OCT. 2014

- “identify communities in California most burdened by pollution from multiple sources and most vulnerable to its effects, taking into account socioeconomic characteristics and underlying health status”
- Provides a broad picture of the relative burdens in California communities from pollution
- 19 different indicators scored for almost 8,000 Census Tracts in California

DEVELOPMENT OF CALENVIROSCREEN



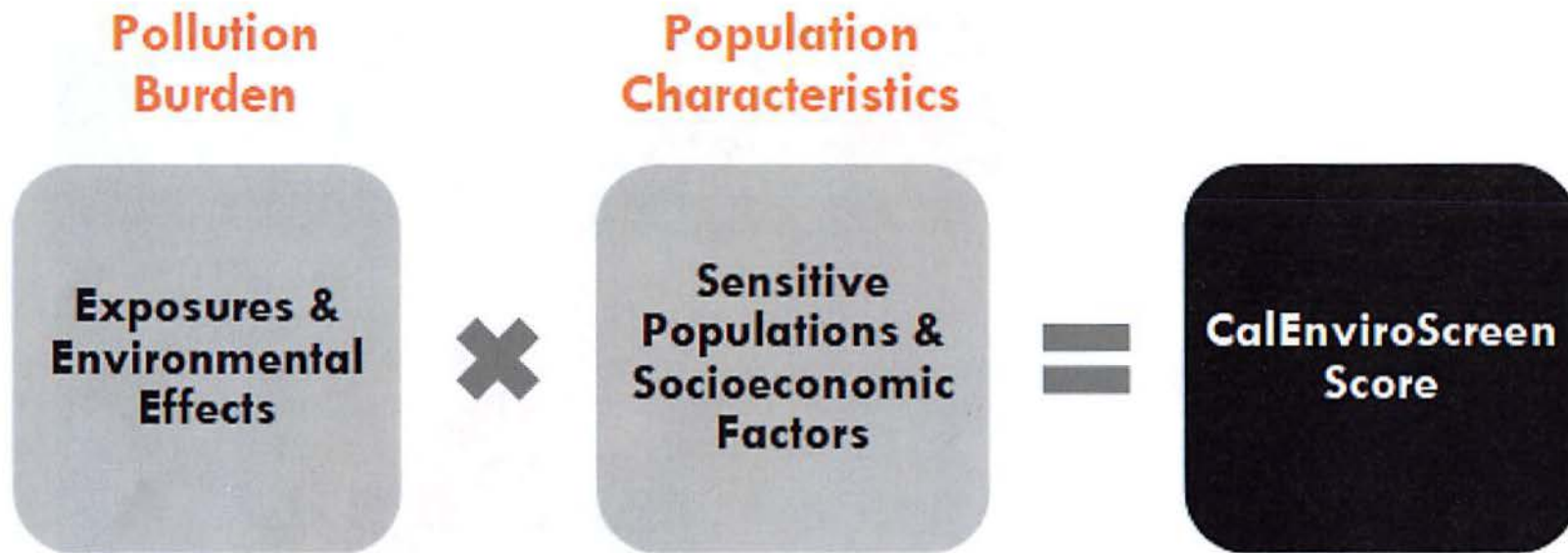
CAL ENVIRO SCREEN MODEL



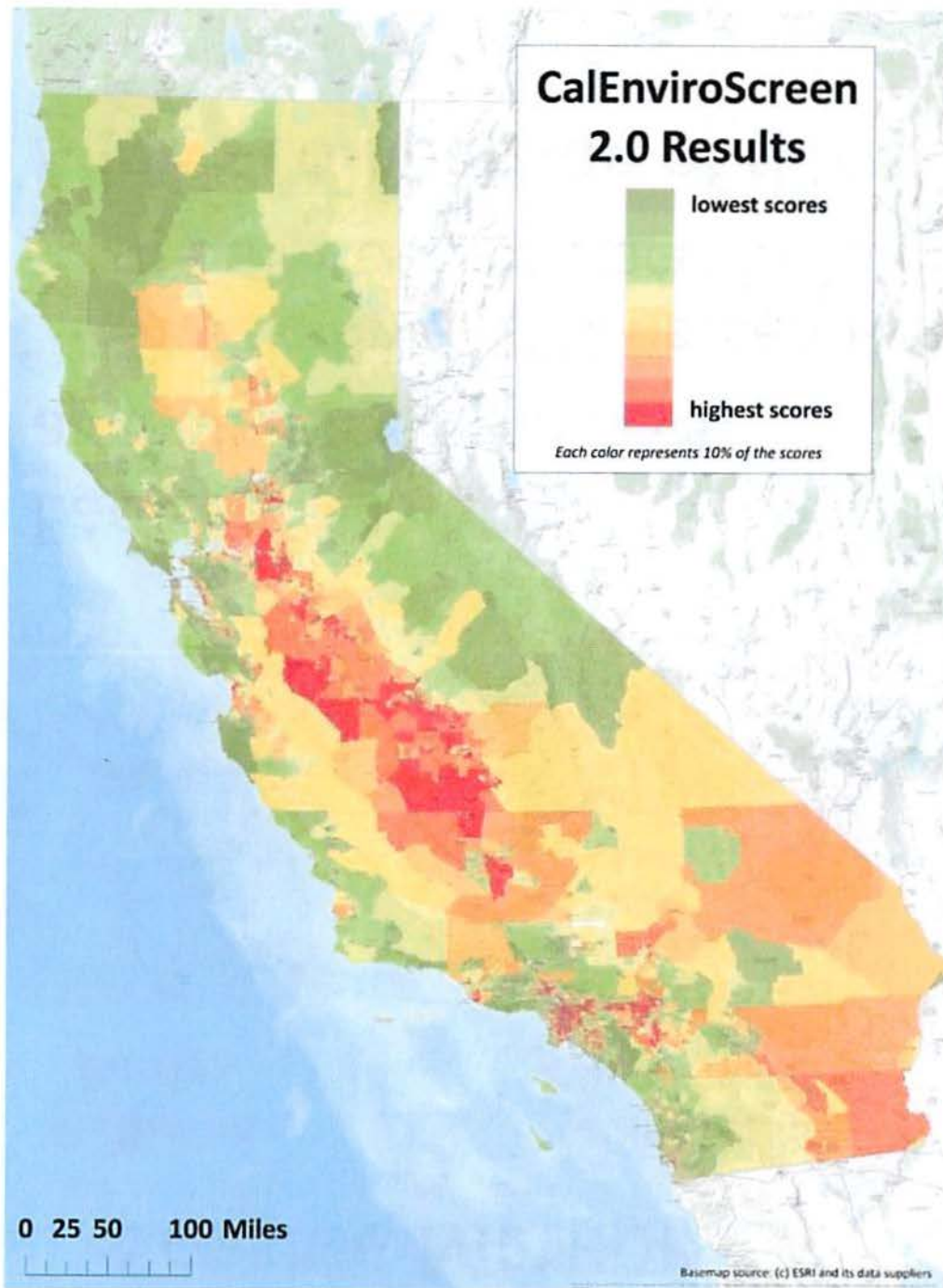
CAL ENVIROSCREEN 2.0 INDICATORS

Exposures	Environmental Effects	Sensitive Populations	Socioeconomic Factors
<ul style="list-style-type: none"> <input type="checkbox"/> Ozone <input type="checkbox"/> PM 2.5 <input type="checkbox"/> Diesel PM <input type="checkbox"/> Pesticide use <input type="checkbox"/> Toxic releases from facilities <input type="checkbox"/> Traffic density <input type="checkbox"/> Drinking water quality 	<ul style="list-style-type: none"> <input type="checkbox"/> Cleanup sites <input type="checkbox"/> Groundwater threats <input type="checkbox"/> Impaired waters <input type="checkbox"/> Solid waste sites and facilities <input type="checkbox"/> Hazardous waste facilities and generators 	<ul style="list-style-type: none"> <input type="checkbox"/> Children and elderly <input type="checkbox"/> Asthma ER visits <input type="checkbox"/> Low birth weight infants 	<ul style="list-style-type: none"> <input type="checkbox"/> Educational attainment <input type="checkbox"/> Linguistic isolation <input type="checkbox"/> Poverty <input type="checkbox"/> Unemployment

SCORING METHOD



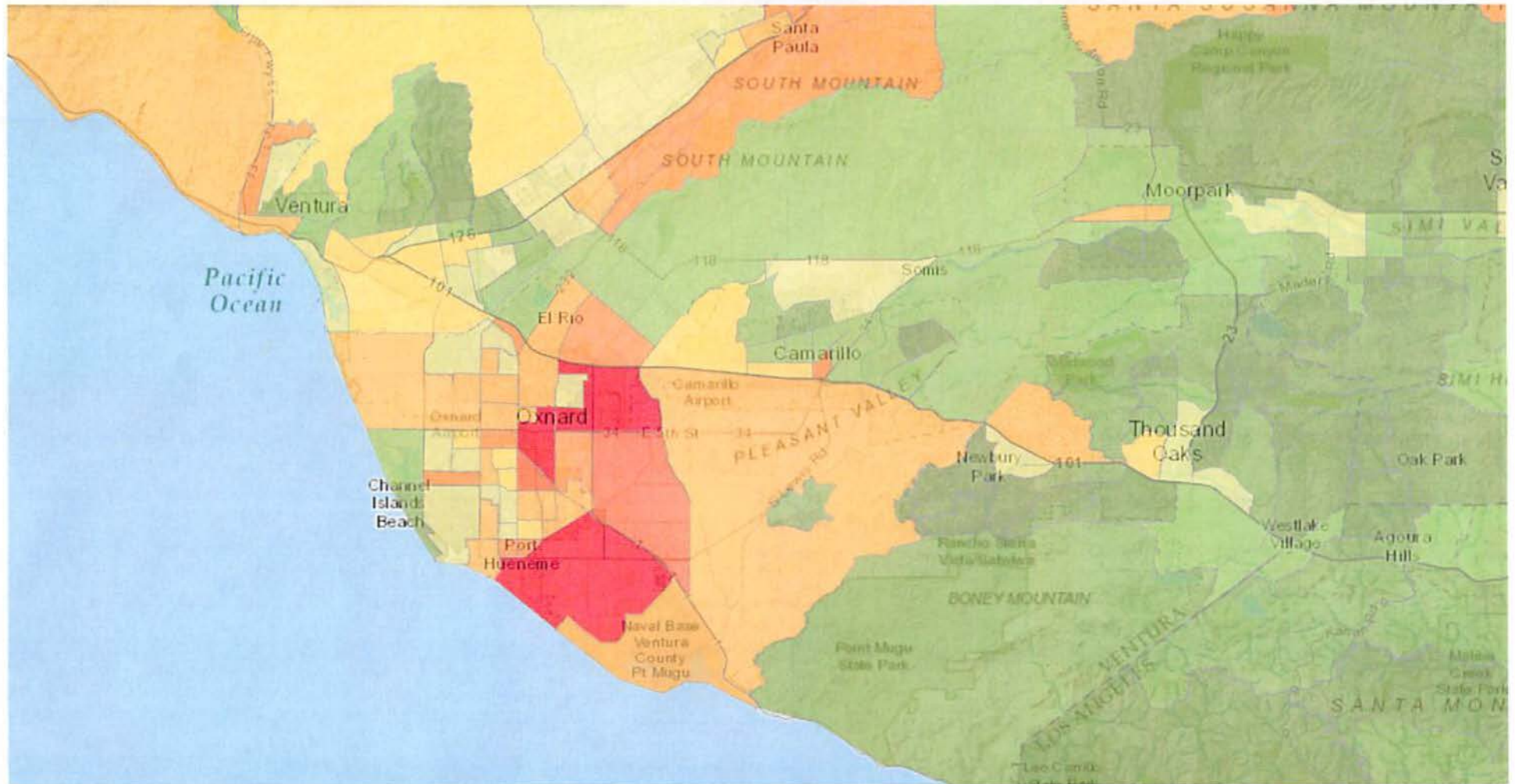
- Each census tract is scored for each indicator and also for final score.
 - For example, 75% percentile is higher than 75% of other census tracts in California.
- Allows comparison of different areas.



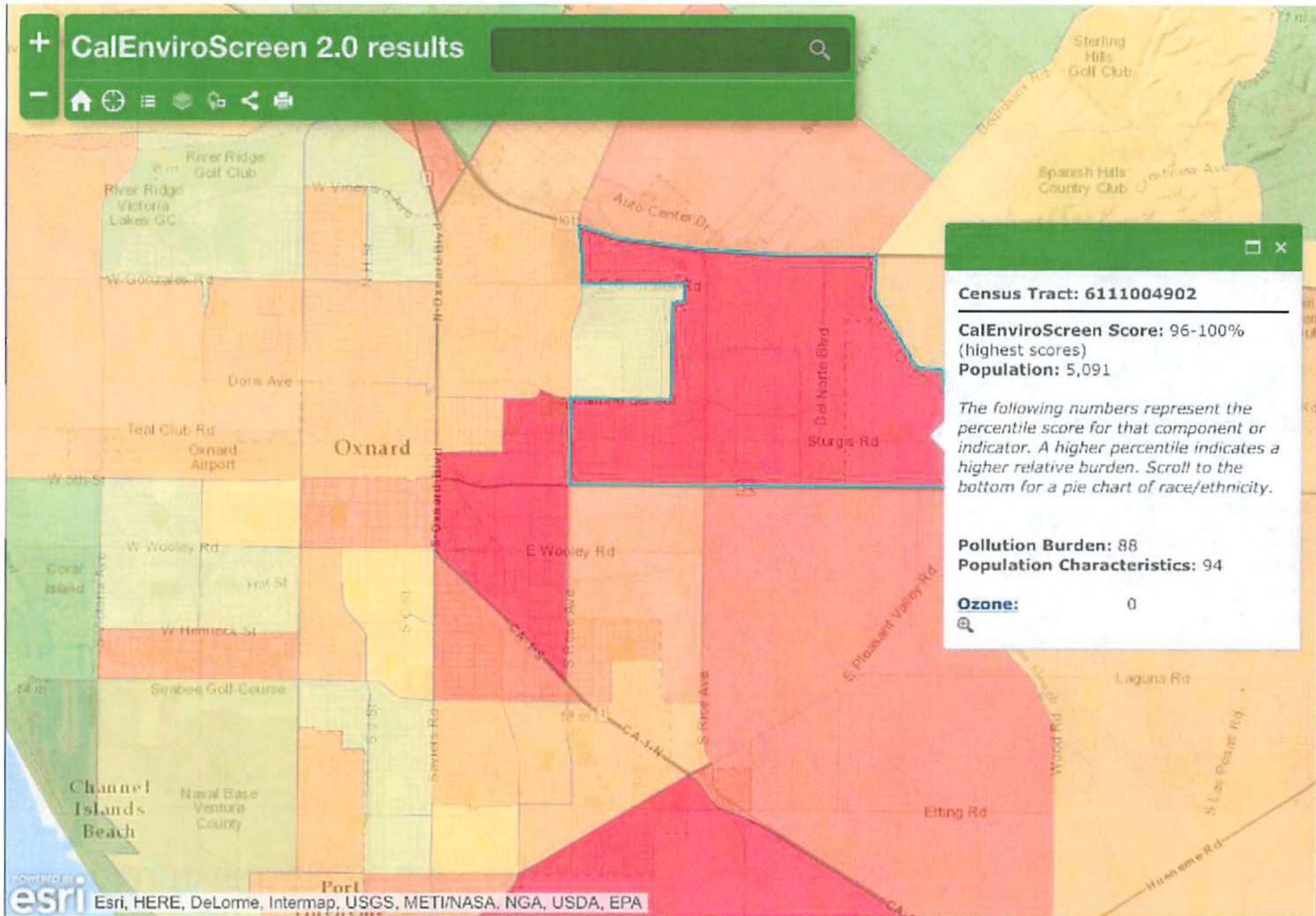
**CALENVIROSCREEN VERSION
2.0**

[HTTP://ARCG.IS/1T4XOKA](http://arcg.is/1T4XOKA)

CALENVIROSCREEN 2.0 RESULTS: OXNARD AREA



CalEnviroScreen 2.0 results



OXNARD OVERLY BURDENED

Summary of Data From CalEnvironScreen 2.0 for All Census Tracts in Oxnard
Ranking in the Top 70th Percentile.

Census Tract	Pop.	City	CES 2.0 Pctl. Range	Latino %	White %	Afr. Am. %	Nat. Am. %	As. Am. %	Other	Edu. %	Ling. Isol. %	Poverty %
6111004902	5091	Oxnard	96-100	95.8	1.5	1.2	0.1	0.9	0.5	65.9	28.1	64.64
6111009100	5279	Oxnard	91-95	93	3.6	2.1	0.1	0.8	0.4	64.2	31.1	70.23
6111004715	5020	Oxnard	91-95	73.6	12.4	3	0.2	8.9	1.9	39.5	17.7	44.53
6111004704	1469	Oxnard	81-85	82.3	13.7	1.2	0.1	1.3	1.5	54	31.3	32.99
6111003900	7533	Oxnard	81-85	88.8	5.5	0.8	0.3	4	0.7	50.3	40.3	63.95
6111004503	4387	Oxnard	76-80	79.1	5.6	2	0.1	11.7	1.4	45.8	20.6	56.15
6111004506	7858	Oxnard	71-75	88.6	4.1	1.1	0.2	5.2	0.9	64.2	41	68.39
6111005002	3003	Oxnard	71-75	89.9	8.7	0.2	0.3	0.5	0.4	46.2	30.9	57.05
6111003012	321	Oxnard	71-75	84.7	13.1	0	0.3	1.8	0	44.6	NA	57.69
6111008600	7982	Oxnard	71-75	82	9.9	2.9	0.3	3.8	1.1	46.5	27	55.86
6111004716	4476	Oxnard	71-75	80	6.6	1	0	11.3	1	32.5	22.3	49.38
Total or Avg.	52,419			85.2	6.6%	1.4		5.6		50.33	29.03	56.44

CES 2.0 Results Analyzed by Race/Ethnicity

Fraction of Racial/Ethnic Groups Living in Top 20 % Census Tracts



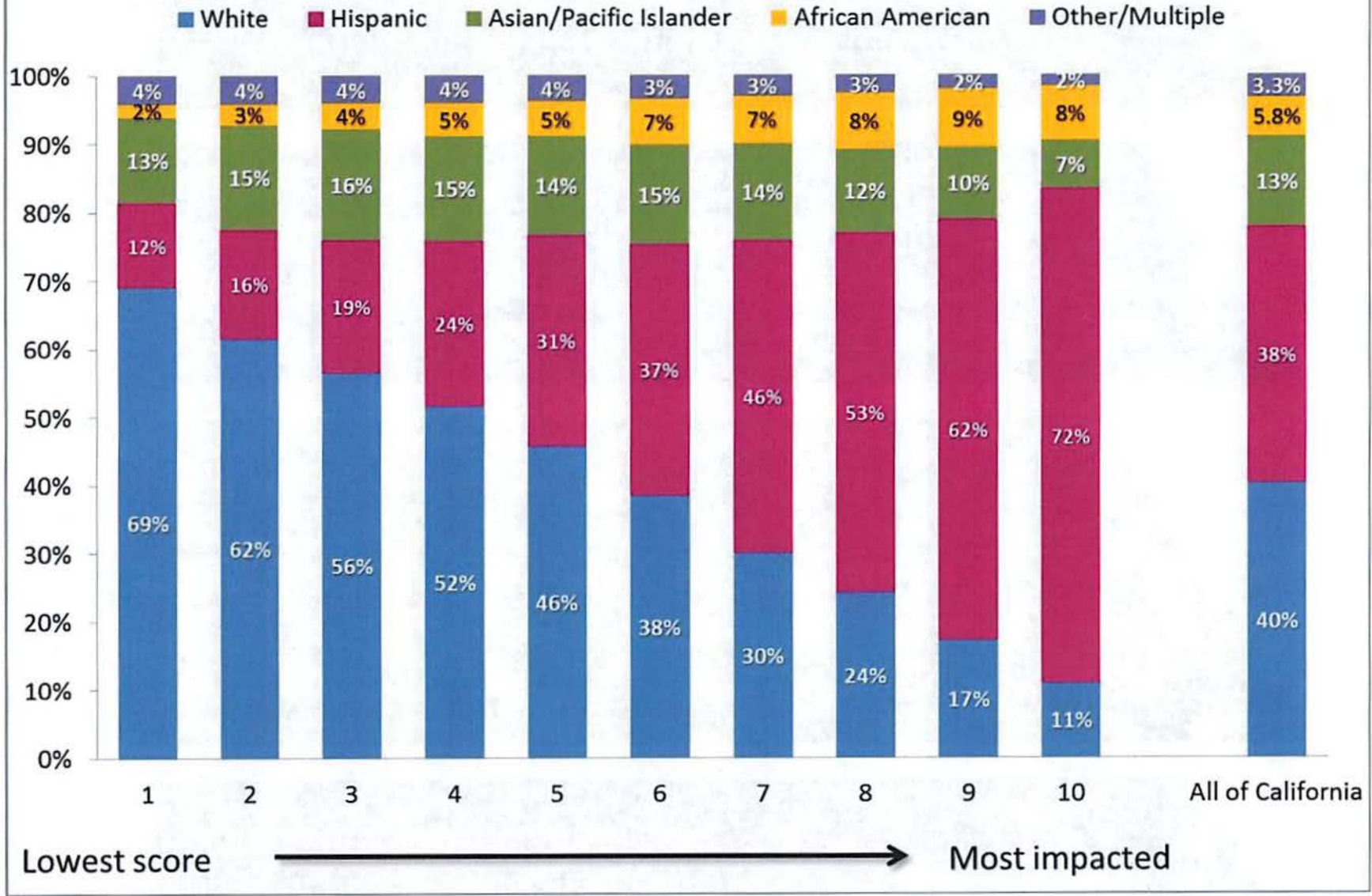
89% of people living in the top 10% most overburdened communities are people of color.

Hispanic/Latinos and African Americans disproportionately reside in highly impacted communities while other groups tend to reside disproportionately in less impacted communities. Whites are over-represented in the least burdened communities. [2]

Over 19 % of the state's Hispanic/Latino population lives in one of the 10% most burdened communities, while fewer than 3% of the state's white population live in those communities. [3]

Approximately 15% of residents in the top 20% most impacted communities are African Americans, even though they only make up 5.8% of the total population.

Racial/ethnic Makeup of Each Decile of CalEnviroScreen Score



Uses of CalEnviroScreen2.0 in state policy

- SB 535 Greenhouse Gas Reduction Fund: 25% allocated for disadvantaged communities, which equals around \$300 million in a variety of funding areas related to GHG reductions
- SB 43 Shared Community Solar (Wolk): uses CES to bring 100 MW of renewable energy to disadvantaged communities.
- AB 693 Multifamily Affordable Housing Solar Roofs Program (Eggman): uses CES to bring \$1 billion in investments for solar on affordable housing in disadvantaged and low-income communities
- Active Transportation Program – of \$311 million of \$367 million total is being used to fund 220 projects that benefit disadvantaged communities.
- Strategic Growth Council, including \$120 million for affordable housing and \$63 million to 128 proposals for conduct urban greening projects, which both have a 25% set aside for disadvantaged communities.
- CEJA is using it in our bill, AB 1071 (Atkins/E Garcia), Environmental Justice Supplemental Environmental Projects bill, that will create a mechanism for polluter penalty moneys to be directed back into communities most impacted



Thank you!
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