HDI/CES COMPARISON: METHODS AND RESULTS

	Health Disadvantage Index	CalEnviroScreen		
PURPOSE	Tool to identify disadvantaged communities statewide based on factors influencing health, development and well-being (Social Determinants of Health).	Tool to help CalEPA target cleanup/ remediation resources statewide by identifying communities with multiple pollution burdens.		
DEVELOPER	Public Health Alliance of Southern California and statewide local health department data experts	CalEPA's Office of Environmental Health Hazard Assessment (OEHHA)		

CALIFORNIA HEALTH **DISADVANTAGE INDEX METHODOLOGY**

ECONOMIC RESOURCES	SOCIAL RESOURCES	EDUCATIONAL OPPORTUNITIES	HEALTH/ HEALTHCARE	ENVIRONMENTAL HAZARDS	COMPLETE NEIGHBORHOODS
50	15	10	10	10	5
Poverty Crowding Housing Cost Unemployment Rate No Auto Access Median Income Uninsured No Kitchen	Linguistic Isolation Renter Occupied Voting Single Parent Households High school educational attainment	Residents whose age makes them eligible for, but not enrolled in: Preschool High School	Population disabled Low Birth Weight Years of Life Lost Asthma ER Visits	Pedestrian Injuries PM 2.5 Concentration Traffic Density	Supermarket Access Park Access Retail Density Tree Canopy

CALENVIROSCREEN METHODOLOGY

Pollution Burden

Ozone concentrations PM2.5 concentrations Diesel PM emissions **Drinking water** contaminants Pesticide use Toxic releases from facilities Traffic density

Cleanup sites (1/2) Groundwater threats (1/2) Hazardous Waste (1/2) Impaired water bodies (1/2) Solid waste sites and facilities (1/2)

Max 10 Points

Population **Characteristics**

Asthma emergency department visits **Cardiovascular Disease** (Emergency Visits for Heart Attacks) Low birth-weight births

Educational attainment Housing Burdened Low Income Households **Linguistic isolation Poverty** Unemployment

CalEnviroScreen Score

Max 10 Points

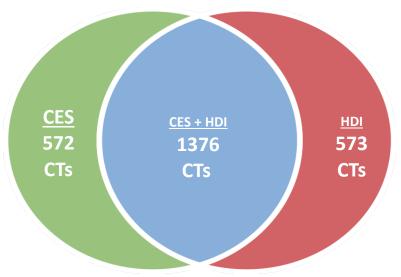
Max 100 Points



HDI/CES COMPARISON: METHODS AND RESULTS

COMPARING **OUTCOMES**

Number of census tracts identified as "Disadvantaged" (in the top 25%) of scores statewide by tool



CalEnviroScreen does not identify 29% of the most health disadvantaged census tracts (as defined by the Health Disadvantage Index) as disadvantaged.

Because their census tracts are not identified by the CalEnviroScreen tool, the 2.9 million highly disadvantaged people who live in those census tracts will not be eligible for disadvantaged community set asides under the Greenhouse Gas Reduction fund.

FOR MORE INFORMATION HEALTH DISADVANTAGE INDEX

MAP: phasocal.org/ca-hdi/

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