

TRANSPORTATION

EQUITY AND JUSTICE
THROUGH EJ LENS



Catholic Charities
of the Diocese of Stockton
Help for Today...Hope for Tomorrow



**Environmental
Justice Program**

OUR TEAM



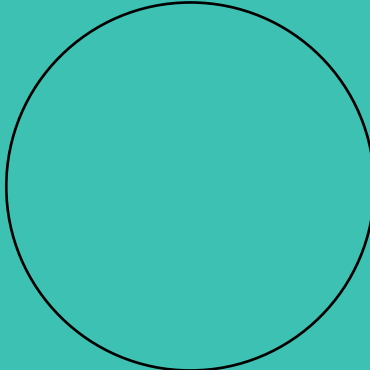
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ENVIRONMENTAL JUSTICE

- “Is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies.”

TRANSPORTATION: EQUITY AND SOCIAL JUSTICE

- “Fair and just distribution of transportation resources, opportunities, and outcomes among different groups of people, especially those who face systemic barriers or disadvantages due to their race, ethnicity, gender, income, disability, age, or other factors.”



**ENVIRONMENTAL JUSTICE AND
TRANSPORTATION EQUITY &
SOCIAL JUSTICE JIBE**

DISPLACEMENT

- Downtown Stockton once was home for Chinese, Japanese, and Filipino Communities in California's San Joaquin Valley. But throughout the decades, misguided and racially biased projects destroyed what once was their home. In the 1960's and 70's, with the building of Crosstown Freeway, or State Route 4, tore through the heart of downtown Stockton's Chinatown, Japan town, and Little Manila neighborhoods.



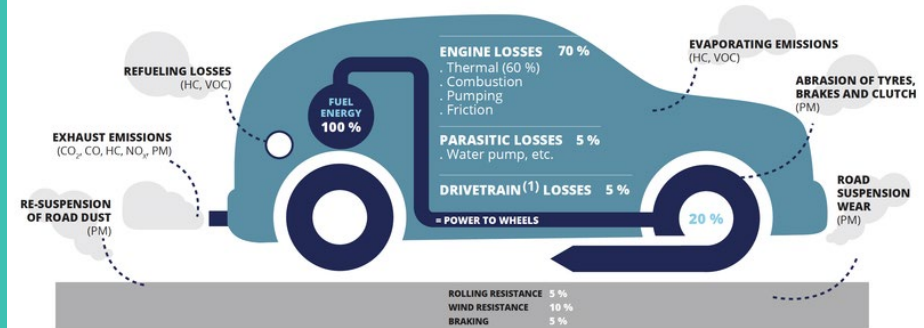
- With the decades of discrimination, it weakened Asian neighborhoods of defending themselves. Which caused them to be chosen to be destroyed and began the building of Interstate 4. This caused the displacement of Chinatown, Japan town, and Little Manila. Moreover, with the discriminatory redlining laws that were present back then it only prevented Asians from buying properties, leading them to crowd into a tiny area. Therefore, causing there displacement in Stockton, California.

TRANSPORTATION AND HEALTH DISPARITIES

- According to the EPA, our current air pollution, about 27%, comes from transportation. Gas and diesel powered vehicles are responsible for the majority of polluted air. Which makes up about 83% of all transportation related pollution.
- Through the emissions from combustion of fossil -derived fuels, transportation systems contribute to degraded air quality and pollution
- Vehicles are a major source of fine particles in South Stockton, with activities related to the port accounting for about a quarter of the area's dangerous diesel exhaust. Two of the 18 Stockton census tracts included in the state program are ranked in the top 1% of the most pollution -burdened in California.

Vehicle emissions and efficiency

Fossil fuel powered road transport represents the most significant source of transport related air pollution. Each vehicle releases pollutants from a number of sources.



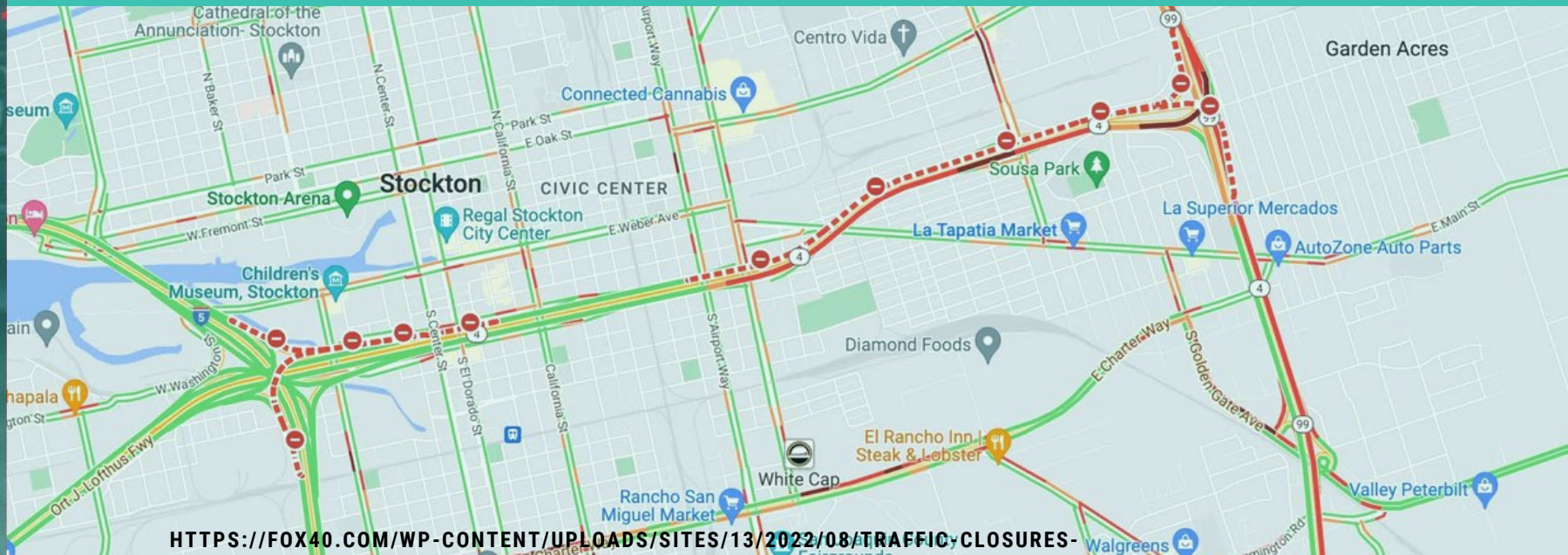
⁽¹⁾ The drivetrain of a motor vehicle is the group of components that deliver power to the driving wheels. This includes the transmission, the axles and the wheels.

HC - Hydrocarbons; VOC - Volatile Organic Compound; PM - Particulate Matter; CO - Carbon monoxide; CO₂ - Carbon dioxide; NO_x - Nitrogen oxides.

Source: EEA Report — Explaining road transport emissions — a non-technical guide (2016)

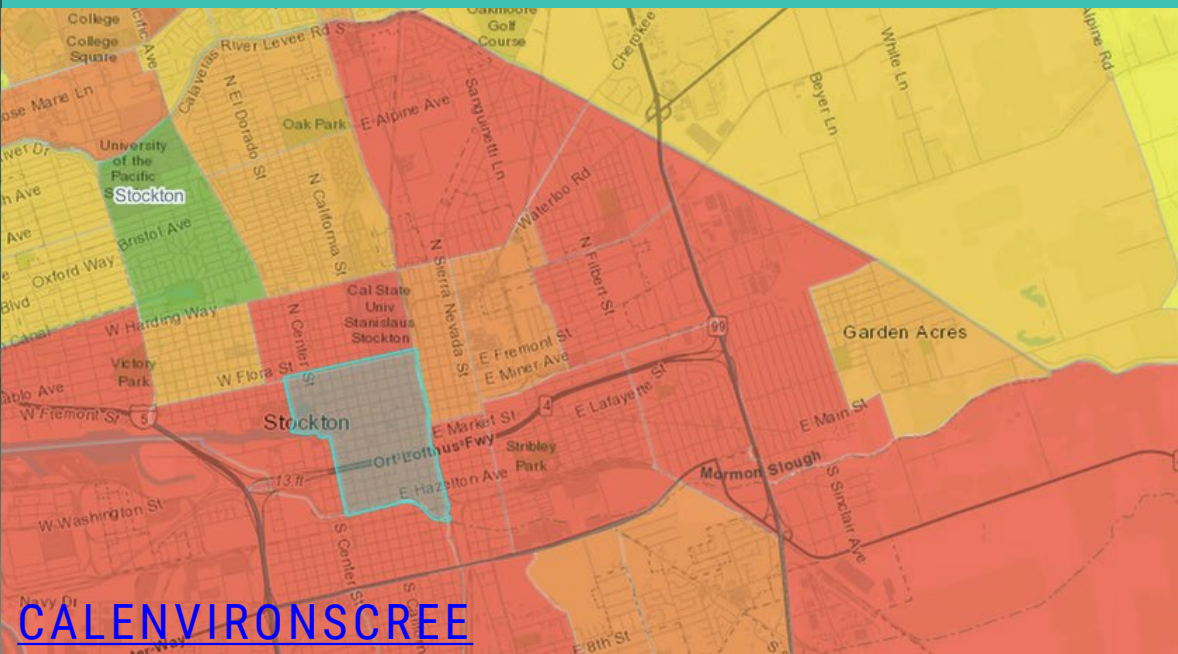
TRANSPORTATION AND HEALTH DISPARITIES

- Health disparities that are caused by the exposure of particulate pollution can cause lung disease, trigger asthma attacks and bronchitis, and increase risks of respiratory infections.
- Stockton is a designated area where diesel trucks and distribution warehouses are located. They cause the city's residents to experience significant amounts of traffic -related air pollution exposure. Increased exposure to near roadway pollution makes Stockton Residents more vulnerable to air-pollution related health risks.



TRANSPORTATION AND HEALTH DISPARITIES

- Over 5 million people have been diagnosed asthma from pollutants that stem from the farming and transportation industries.
- 1 out of 6 kids in San Joaquin Valley have asthma



Census Tract: 6077000100 (Population: 3,688)

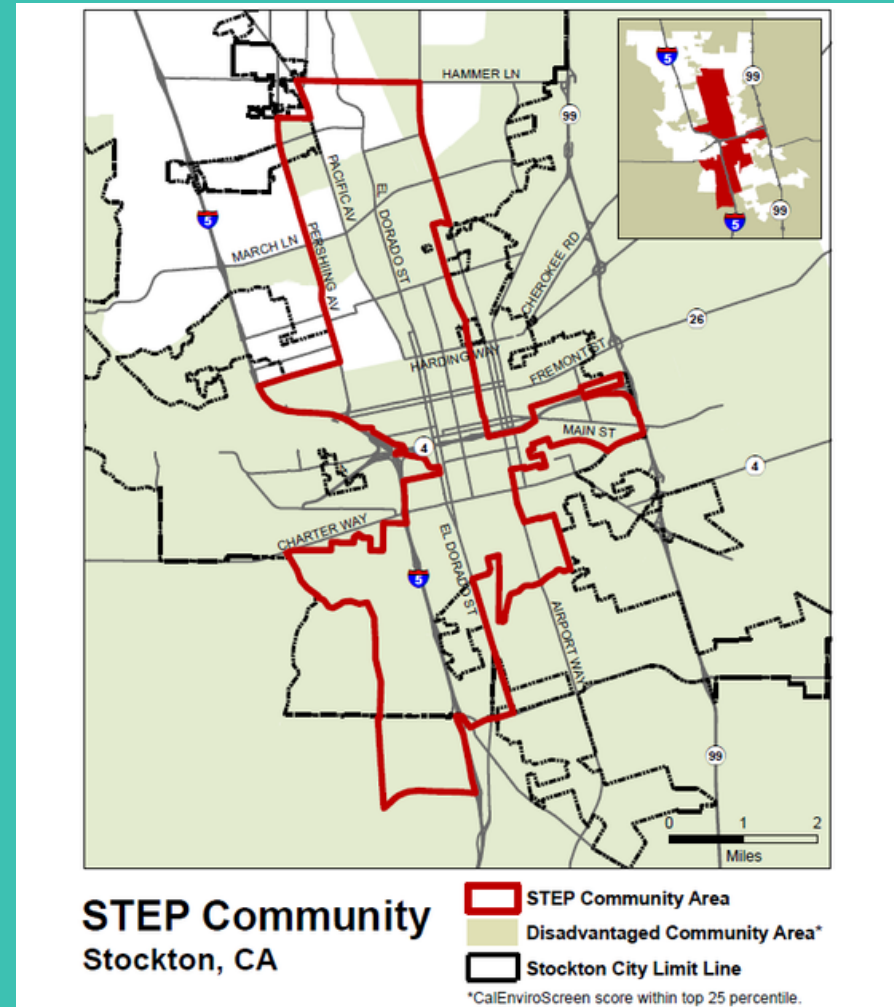
The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6077000100 relative to other census tracts.

Overall Percentiles	
CalEnviroScreen 4.0 Percentile	100
Pollution Burden Percentile	95
Population Characteristics Percentile	100

Exposures	
Ozone	45
Particulate Matter 2.5	72
Diesel Particulate Matter	91
Toxic Releases	46
Traffic	8
Pesticides	64
Drinking Water	42

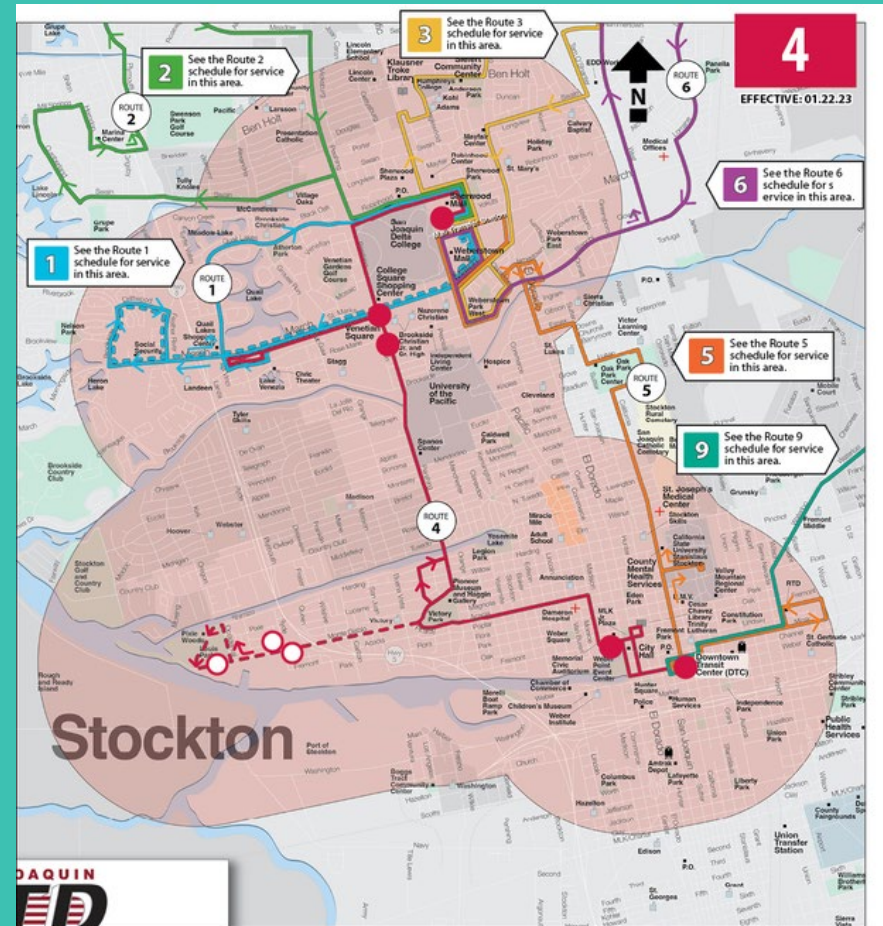
Public Transportation

- Lack of transportation is a big issue for workers. Job growth in the San Joaquin County is spread throughout Tracy, Lathrop, Manteca and outside Stockton city limits. Fewer than 20% of households can access a job within a 30 -minute transit commute. For residents traveling from certain neighborhoods or workers who have non -traditional schedules can be difficult to access their job, school, and other places.



PUBLIC TRANSPORTATION

- RTD in Stockton has about 45 Bus routes and 870 Bus Stops.
- Most of these routes do not pass through Conway Homes, which is one of the most affected communities, because there is not only lack of transportation but lack of grocery stores as well.
- Some of these RTD Routes have short times which are inconvenient to residents. Most of these bus routes do not go in to some of the most needed communities and it is difficult for those workers to have access to public transportation when they have different working hours than those RTD provides for stops.



RTD Routes

BRT Express: 5

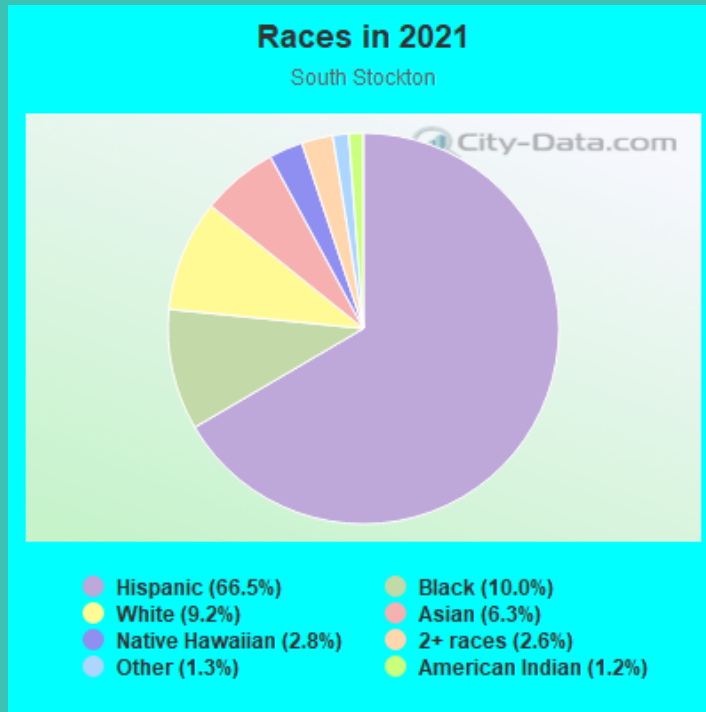
Commuter: 2

Local: 26

Hopper Local: 7

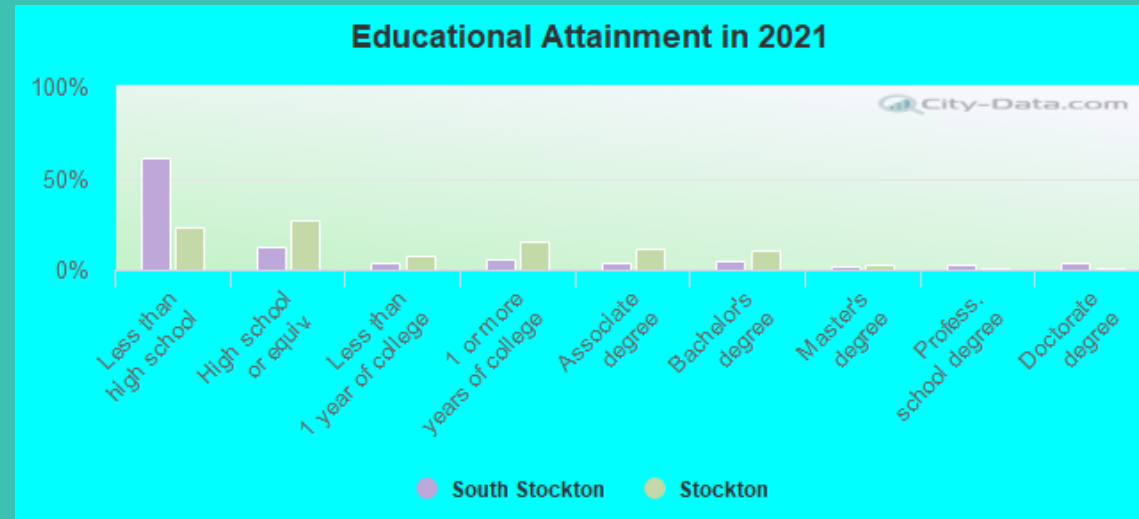
Hopper County: 5

EDUCATION AND RACE OF SOUTH STOCKTON



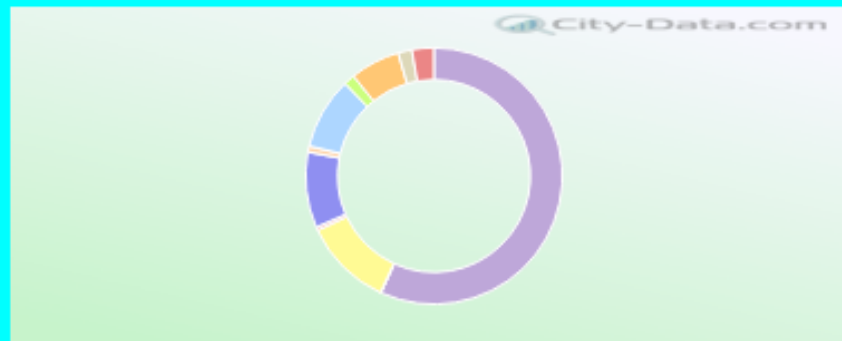
- Based on these charts we can see that most of the communities that are affected from transportation pollution that live in South Stockton are Hispanics, Black, and white communities.

- Most of South Stockton residents completed less than high school as their education. Which means that these communities are the ones who struggle the most to find a well-paying job.



Means of transportation to work in 2021

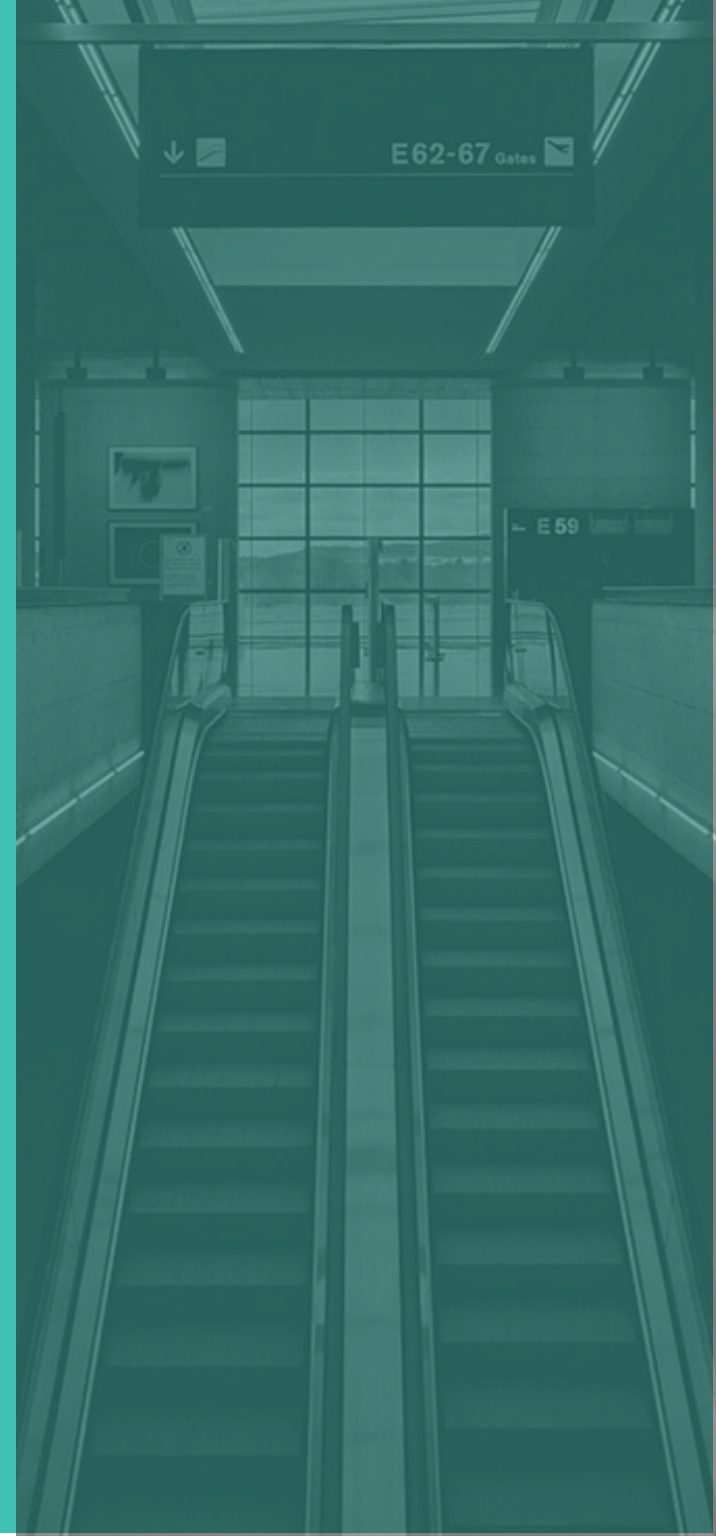
South Stockton



- Car alone (82.1%)
- Subway (0.1%)
- Bus (16.2%)
- Motorcycle (0.6%)
- Carpooled (13.8%)
- Taxi (1.1%)
- Bicycle (13.1%)
- Walked (2.0%)
- Other (9.1%)
- Long-distance train (2.5%)
- Worked at home (4.0%)

SOLUTION

Working with environmental justice organization alongside residents for a critical, equity and justice based approach that encourages understanding of root causes and develops a space for building political consciousness and movement building.





THANK YOU

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SOURCES

[Climate Change Is Bad News for California Children with Asthma](#)

[CalEnvironScreen 4.0](#)

[South Stockton neighborhood in Stockton, California \(CA\), 95205, 95206, 95215, 95231, 95336 detailed profile](#)

[Cleaner Air- Rise](#)

[Stockton
Reducing Transportation-Related Emissions in Stockton](#)

[What Happened to Stockton's First Asian Enclaves?](#)