

## Attachment 7: Transportation Disadvantaged Communities Map

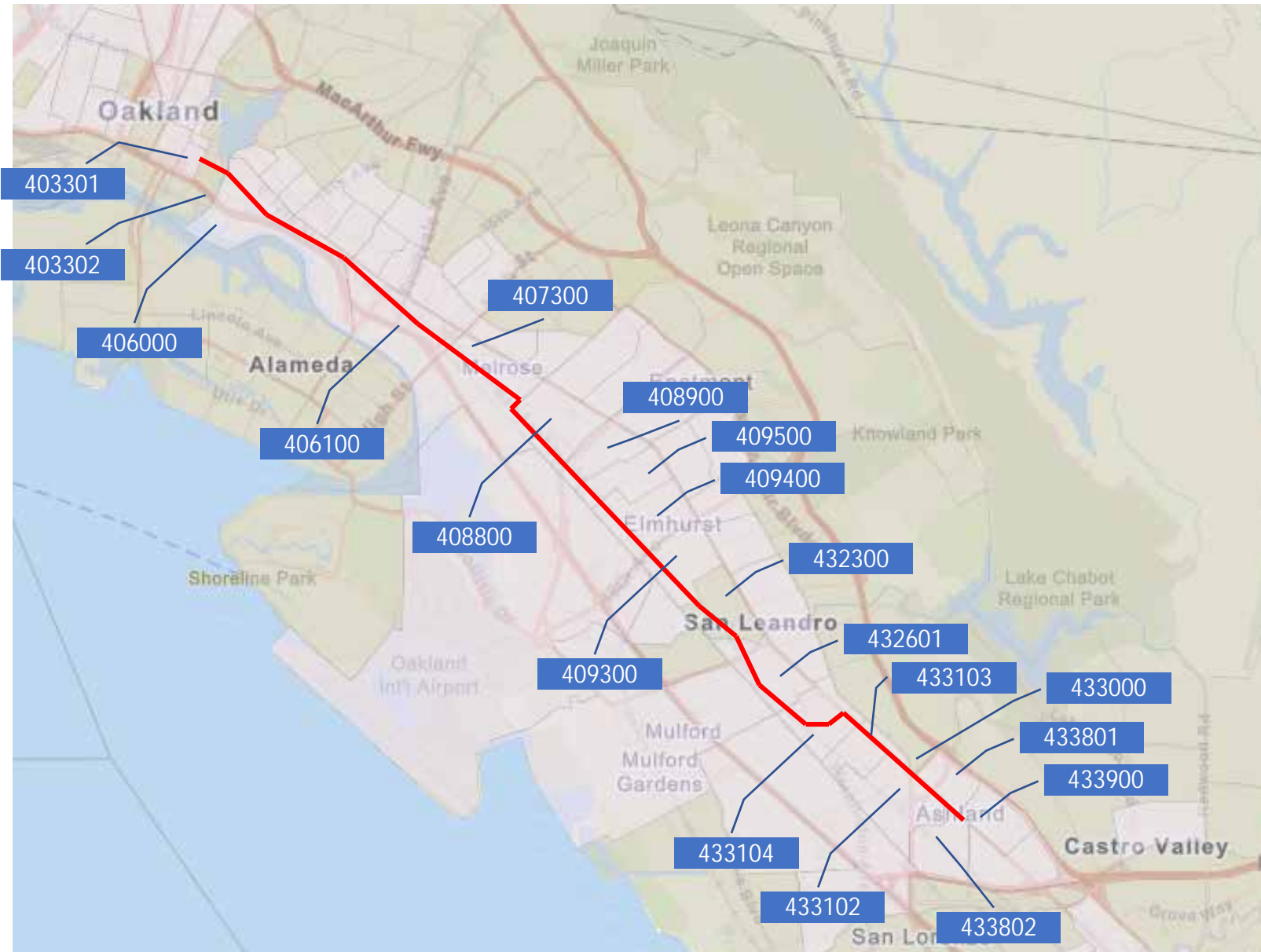
Source: USDOT DOT Equitable Transportation Community Explorer (ETCE) Mapping Tool

**7A. Screenshot of the DOT ETCE map with census tract numbers added**

**7B. Screenshot of the DOT ETCE Tool results** *(Note: the tool results reflect census tracts for the entire jurisdiction area, not just the project area tracts. Due to the ~10-mile length of the project we could not get the ETCE tool boundaries to conform the actual project area)*

**7C. Calculation for reported 87% of population living in project area census tracts with an Underserved Community designation**

# USDOT Equitable Transportation Community (ETC) Explorer



	City Population	Pop in DCT	% in DCT
San Leandro	143,000.00	83,000.00	58%
Oakland	536,900.00	213,300.00	40%
	679,900.00	296,300.00	44%

### USDOT Equitable Transportation Community (ETC) Explorer

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 [ETC Explorer - State Results](#) | 
 [ETC Explorer- Add Your Data \(National and State Results\)](#) | 
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 [County Selector Alameda County, ...](#) | 
 [Community Sel... San Leandro, Ci...](#) | 
 [MPO S... All MPOs](#)

**For Instructions:**  
Click the arrow on the left of the page for instructions on how to find your location, select your area of interest, view...

California State Parks, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, Bureau of Land Management... Powered by Esri

**Total Population Living in Disadvantaged Census Tracts in the Selected Area**

**143.3k**

**Total Population Living in Disadvantaged Census Tracts in the Selected Area**

**83k**

**% of Disadvantaged Census Tracts in the Selected Area**

**53%**

- Component Scores are distinct from Indicator Scores. For more information please see - Understanding the Data.  
- Index scores for Alaska, Hawaii and the territories are calculated separately due to unavailable data for certain

#### Overall Disadvantage Component Scores - Percentile Ranked

Component	Score
Climate & Disaster Risk Burden	88%
Environmental Burden	79%
Health Vulnerability	39%
Social Vulnerability	52%
Transportation Insecurity	40%

#### Climate & Disaster Risk Burden - Percentile Rank

Indicator	Score
Anticipated Changes in Extreme Weather	20%
Annualized Disaster Losses	89%
Impervious Surfaces (from Land Cover)	84%

Climate & Disaster

Click on the tab above to change component category. Once selectors are used, click button to reset map

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**Total Population Living in Disadvantaged Census Tracts in the Selected Area**

**536.9k**

**Total Population Living in Disadvantaged Census Tracts in the Selected Area**

**213.3k**

**% of Disadvantaged Census Tracts in the Selected Area**

**38%**

- Component Scores are distinct from Indicator Scores. For more information please see - Understanding the Data.  
- Index scores for Alaska, Hawaii and the territories are calculated separately due to unavailable data for certain

#### Overall Disadvantage Component Scores - Percentile Ranked

Component	Score
Climate & Disaster Risk Burden	84%
Environmental Burden	80%
Health Vulnerability	45%
Social Vulnerability	55%
Transportation Insecurity	29%

#### Climate & Disaster Risk Burden - Percentile Rank

Indicator	Score
Anticipated Changes in Extreme Weather	12%
Annualized Disaster Losses	88%
Impervious Surfaces (from Land Cover)	83%

Climate & Disaster

Click on the tab above to change component category. Once selectors are used, click button to reset map

GEO_ID	NAME	S0101_C01_001E		
Geography	Geographic Area Name	Estimate Total Total population	Project Tract	ECTE Tract
1400000US06001403301	Census Tract 4033.01, Alameda County, California	1615	Y	Y
1400000US06001403302	Census Tract 4033.02, Alameda County, California	2389	Y	N
1400000US06001406000	Census Tract 4060, Alameda County, California	3890	Y	Y
1400000US06001406100	Census Tract 4061, Alameda County, California	4721	Y	Y
1400000US06001407300	Census Tract 4073, Alameda County, California	2461	Y	Y
1400000US06001408800	Census Tract 4088, Alameda County, California	6622	Y	Y
1400000US06001408900	Census Tract 4089, Alameda County, California	3660	Y	Y
1400000US06001409300	Census Tract 4093, Alameda County, California	5153	Y	Y
1400000US06001409400	Census Tract 4094, Alameda County, California	5141	Y	Y
1400000US06001409500	Census Tract 4095, Alameda County, California	3877	Y	Y
1400000US06001432300	Census Tract 4323, Alameda County, California	4764	Y	N
1400000US06001432601	Census Tract 4326.01, Alameda County, California	3957	Y	Y
1400000US06001433000	Census Tract 4330, Alameda County, California	3461	Y	N
1400000US06001433102	Census Tract 4331.02, Alameda County, California	4536	Y	Y
1400000US06001433103	Census Tract 4331.03, Alameda County, California	3486	Y	Y
1400000US06001433104	Census Tract 4331.04, Alameda County, California	4044	Y	Y
1400000US06001433801	Census Tract 4338.01, Alameda County, California	3598	Y	Y
1400000US06001433802	Census Tract 4338.02, Alameda County, California	4155	Y	Y
1400000US06001433900	Census Tract 4339, Alameda County, California	7683	Y	Y

Total Population	79213
ETCE Tract Population	68599
Percent in ETCE Tract	87%

"Project Tracts" are tracts that touch the project alignment as indicated on attached map  
<https://experience.arcgis.com/experience/0920984aa80a4362b8778d779b090723/page/ETC-Explorer---National-Results/>

NOTE - calculation was not done within the ETCE Explorer Webmap Tool because it was difficult to accurately draw the project alignment for a project of this length.