

# Bay Area UASI Regional Resilience Tool



## User Guide

### Quick Reference

Tract Level Tab..... [page 3](#)  
 County Level Tab..... [page 8](#)  
 Map Tools..... [page 9](#)  
 Data Tables..... [page 10](#)  
 Filters..... [page 13](#)  
 Contact Information..... [page 15](#)

### Introduction

The [Bay Area UASI Regional Resilience Tool](#) consolidates a number of data sets in order to provide a comprehensive picture of vulnerability and resilience in the 12-county Bay Area Region. The major data sources used in this tool are 2023 American Community Survey, 2020 US Census, FEMA’s National Risk Index, the Climate and Economic Justice Screening Tool (CEJST).

Additional data layers can be toggled on and off on the map for additional reference, including:

- [Projected Bay Area Sea Level Rise data from the Adapting to Rising Tides Project \(2050 scenario\)](#)
- [FEMA Community Disaster Resilience Zones](#)
- ECR Target Tract Outlines
  - Tracts selected by Bay Area communities for the 2023-2024 Local Roadmap to Community Resilience process.

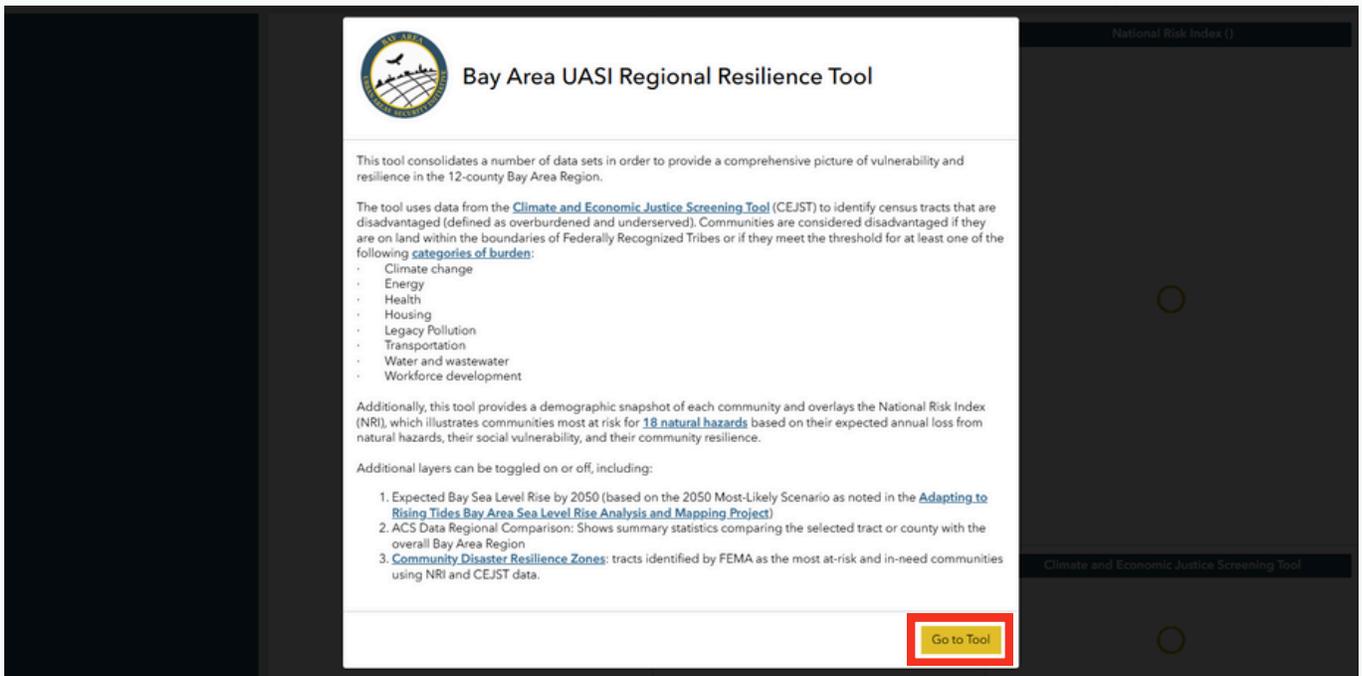
The screenshot displays the UASI Regional Resilience Tool interface. On the left, there are filter panels for National Risk Index Rating (0-100), Disadvantaged Tracts (per CEJST), Categories of Burden (Per CEJST), and ECR Target Tracts. The central map shows the Bay Area region with various colored overlays representing different data layers. On the right, there are two main information panels. The top panel, titled 'Social Vulnerability Assessment (06001400100)', provides a summary of socioeconomic status, household characteristics, and racial breakdown. The bottom panel, titled 'National Risk Index (06001400100)', shows the state risk percentile (82.53) and a list of top ten hazards with their respective risk scores and ratings. At the bottom of the interface, there are navigation tabs for Tract Level, County Level, and Data Tables.

# Bay Area UASI Regional Resilience Tool



## User Guide

When you first enter the tool, you will see a splash screen that contains information about the data sources and links to additional information. When you are finished reading this information, click “Go to Tool”.



This information can also be accessed at any point from within the application by clicking on the menu icon in the top righthand corner.



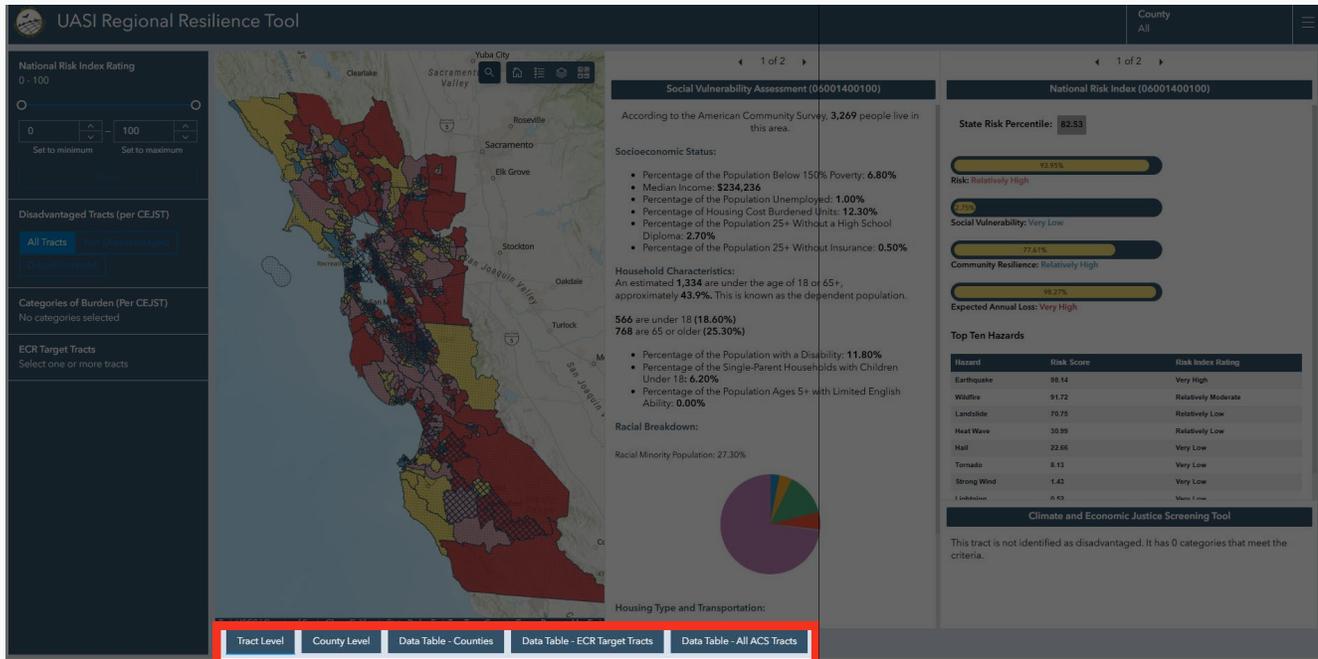
# Bay Area UASI Regional Resilience Tool



## User Guide

The application is broken down into four tabs, which can be found along the bottom of the application. These tabs allow users to toggle between different visualizations of the data sources above. The active tab will be underlined in yellow.

1. Tract Level
2. County Level
3. Data Table - Counties
4. Data Table - ECR Target Tracts
5. Data Table - All ACS Tracts



## Tract Level Tab

By default, you will be brought to the tract level tab, which includes a map broken down by census tract and information on each tract from the National Risk Index (NRI), Climate and Economic Justice Screening Tool (CEJST), and American Community Survey (ACS).

The map is symbolized in two different ways. The colors of each tract on the map correspond to the tract's Risk Index Rating from the National Risk Index. The patterned overlay on each census tract shows if the tract is designated as disadvantaged per the Climate and Economic Justice Screening Tool. For additional information on how the map is symbolized, you can click on the legend icon in the upper righthand corner of the map. See [Map Tools](#) for additional information.

Click on a tract to view information pertaining to it as shown on the following pages.

# Bay Area UASI Regional Resilience Tool



## User Guide

### Pop-up

When clicking on a tract from the map, a pop-up window will appear that **shows how the tract compares to the county** that it is located in for a number of different metrics from the American Community Survey including disability, age, poverty, education, and median income.

The screenshot displays the UASI Regional Resilience Tool interface. On the left, there are filters for National Risk Index Risk Score, Disadvantaged Tracts (per CEJST), Categories of Burden (Per CEJST), and ECR Target Tracts. The central map shows a selected tract (06069000802) in red. A pop-up window provides the following data for this tract compared to the county average:

- The percentage of the population with a disability in this tract is **3.9 percentage points higher** than the county average.
- The percentage of the population under age 18 in this tract is **4.3 percentage points lower** than the county average.
- The percentage of the population over age 65 in this tract is **6.8 percentage points higher** than the county average.
- The percentage of the population below 150% poverty in this tract is **3.7 percentage points lower** than the county average.
- The percentage of the population without a high school diploma in this tract is **6.9 percentage points lower** than the county average.
- The Median Income in this tract is **\$22,117 higher** than the county average.

The right-hand panel displays the Social Vulnerability Assessment (06069000802) and National Risk Index (06069000802) for the selected tract. The National Risk Index State Risk Percentile is 93.91, with a Risk level of Very High. The Social Vulnerability Assessment shows a score of 53.40, with a level of Relatively Moderate. The National Risk Index shows a score of 59.72, with a level of Relatively Moderate. The Community Resilience score is 98.43, with a level of Relatively Moderate. The Expected Annual Loss is Very High. The Top Ten Hazards table is as follows:

Hazard	Risk Score	Risk Index Rating
Wildfire	95.5	Very High
Earthquake	98.82	Very High
Drought	97.45	Relatively Moderate
Riverine Flooding	89.27	Relatively Moderate
Landslide	88.5	Relatively Moderate
Heat Wave	73.29	Relatively Moderate
Hail	53.56	Relatively Low
Tornado	19.58	Very Low
Lightning	15.23	Very Low

The Climate and Economic Justice Screening Tool indicates that this tract is not identified as disadvantaged, as it has 0 categories that meet the criteria.

Clicking on a tract will also cause Information about that tract to load into the columns on the righthand side of the application:

- Social Vulnerability Assessment
- National Risk Index
- Climate and Economic Screening Tool

This information is explained on the following pages.

# Bay Area UASI Regional Resilience Tool



## User Guide

### Social Vulnerability Assessment

This column contains metrics across four different categories: socioeconomic status, household characteristics, racial breakdown, and housing type and transportation. Data is pulled from the [2023 American Community Survey \(ACS\) Population Variables](#) and enriched with additional data fields from the [CDC/ATSDR Social Vulnerability Index](#), which is based on 2020 Census Data.

The screenshot displays the UASI Regional Resilience Tool interface. The main map shows a tract highlighted in red. A pop-up window for Tract 06069000802 provides the following data:

- Disability: 3.9% (3.9 percentage points higher than county average)
- Population under age 18: 4.3% (4.3 percentage points lower than county average)
- Population over age 65: 6.8% (6.8 percentage points higher than county average)
- Population below 150% poverty: 3.7% (3.7 percentage points lower than county average)
- High school diploma: 6.9% (6.9 percentage points lower than county average)
- Median Income: \$22,117 (\$22,117 higher than county average)

The Social Vulnerability Assessment panel for Tract 06069000802 includes:

- 4,219 people live in this area.
- Socioeconomic Status:
  - Percentage of Population Below 150% Poverty: 13.30%
  - Median Income: \$126,568
  - Percentage of Population Unemployed: 7.20%
  - Percentage of Housing Cost Burdened Units: 20.90%
  - Percentage of Population 25+ Without a High School Diploma: 11.20%
  - Percentage of Population 25+ Without Insurance: 5.80%
- Household Characteristics:
  - Estimated 1,446 are under the age of 18 or 65+, approximately 40.9%.
  - 756 are under 18 (21.40%)
  - 690 are 65 or older (19.50%)
  - Percentage of Population with a Disability: 14.10%
  - Percentage of Single-Parent Households with Children Under 18: 2.90%
  - Percentage of Population Ages 5+ with Limited English Ability: 5.40%
- Racial Breakdown:
  - Racial Minority Population: 41.70%
- Housing Type and Transportation:
  - Percentage of Housing in Structures with 10 or more Units: 0.00%

The National Risk Index panel shows a State Risk Percentile of 93.91 (Risk: Very High) and a list of Top Ten Hazards with their respective Risk Scores and Index Ratings.

Hazard	Risk Score	Risk Index Rating
Wildfire	99.5	Very High
Earthquake	98.82	Very High
Drought	97.45	Relatively Moderate
Riverine Flooding	89.27	Relatively Moderate
Landslide	88.5	Relatively Moderate
Heat Wave	73.29	Relatively Moderate
Hail	53.56	Relatively Low
Tornado	19.56	Very Low
Lightning	15.23	Very Low

\*Hover over the pie chart in the racial breakdown section to view the racial breakdown metrics.

# Bay Area UASI Regional Resilience Tool



## User Guide

### National Risk Index

The next panel to the right includes information from the National Risk Index including the state risk percentile and the tract's overall risk score; which includes social vulnerability, community resilience, and expected annual loss. The colors used in each of these sections correspond with the risk score/risk ranking. Below this, you will see a chart containing the top ten natural hazards that have been identified for that tract. These hazards are sorted in descending order of risk score. If a tract has less than ten identified hazards, you will only see this number of hazards in the table.

**UASI Regional Resilience Tool**

**National Risk Index Risk Score**  
0 - 100

Disadvantaged Tracts (per CEJST)  
All Tracts | Not Disadvantaged | Disadvantaged

Categories of Burden (Per CEJST)  
No categories selected

ECR Target Tracts  
Select one or more tracts

**Tract 06069000802**

The percentage of the population with a disability in this tract is **3.9 percentage points higher** than the county average.

The percentage of the population under age 18 in this tract is **4.3 percentage points lower** than the county average.

The percentage of the population over age 65 in this tract is **6.8 percentage points higher** than the county average.

The percentage of the population below 150% poverty in this tract is **3.7 percentage points lower** than the county average.

The percentage of the population without a high school diploma in this tract is **6.9 percentage points lower** than the county average.

The Median Income in this tract is **\$22,117 higher** than the county average.

**Socioeconomic Status:**

- Percentage of the Population Below 150% Poverty: **13.30%**
- Median Income: **\$126,568**
- Percentage of the Population Unemployed: **7.20%**
- Percentage of Housing Cost Burdened Units: **20.90%**
- Percentage of the Population 25+ Without a High School Diploma: **11.20%**
- Percentage of the Population 25+ Without Insurance: **5.80%**

**Household Characteristics:**  
An estimated **1,446** are under the age of 18 or 65+, approximately **40.9%**. This is known as the dependent population.  
**756** are under 18 (**21.40%**)  
**690** are 65 or older (**19.50%**)

- Percentage of the Population with a Disability: **14.10%**
- Percentage of the Single-Parent Households with Children Under 18: **2.90%**
- Percentage of the Population Ages 5+ with Limited English Ability: **5.40%**

**Racial Breakdown:**  
Racial Minority Population: **41.70%**

**Housing Type and Transportation:**

- Percentage of Housing in Structures with 10 or more Units: **0.00%**

**National Risk Index (06069000802)**

State Risk Percentile: **93.91**

Risk: **Very High**

Social Vulnerability: **Relatively Moderate**

Community Resilience: **Relatively Moderate**

Expected Annual Loss: **Very High**

**Top Ten Hazards**

Hazard	Risk Score	Risk Index Rating
Wildfire	99.5	Very High
Earthquake	98.82	Very High
Drought	97.45	Relatively Moderate
Riverine Flooding	89.27	Relatively Moderate
Landslide	88.5	Relatively Moderate
Heat Wave	73.29	Relatively Moderate
Hail	53.56	Relatively Low
Tornado	19.58	Very Low
Lightning	15.23	Very Low

Climate and Economic Justice Screening Tool  
This tract is not identified as disadvantaged. It has 0 categories that meet the criteria.

Below this, you will see a chart containing the top ten natural hazards that have been identified for that tract. These hazards are sorted in descending order of risk score. If a tract has less than ten identified hazards, you will only see that number of hazards in the table.

For more information on the National Risk Index, visit <https://hazards.fema.gov/nri/>.

### Top Ten Hazards

Hazard	Risk Score	Risk Index Rating
Wildfire	99.5	Very High
Earthquake	98.82	Very High
Drought	97.45	Relatively Moderate
Riverine Flooding	89.27	Relatively Moderate
Landslide	88.5	Relatively Moderate
Heat Wave	73.29	Relatively Moderate
Hail	53.56	Relatively Low
Tornado	19.58	Very Low
Lightning	15.23	Very Low
Strong Wind	10.04	Very Low

# Bay Area UASI Regional Resilience Tool



## User Guide

### Climate and Economic and Justice Screening Tool

In the panel in the lower righthand corner of the tract level tab, you will see information about that tract from the Climate and Economic Justice Screening Tool.

This includes whether the tract is identified as disadvantaged, the number of categories of burden, and additional information on those categories. You will see graphics and a chart that show why the tract was identified as disadvantaged.

**Social Vulnerability Assessment (06053010606)**

According to the American Community Survey, **6,960** people live in this area.

**Socioeconomic Status:**

- Percentage of the Population Below 150% Poverty: **30.90%**
- Median Income: **\$84,688**
- Percentage of the Population Unemployed: **2.90%**
- Percentage of Housing Cost Burdened Units: **40.70%**
- Percentage of the Population 25+ Without a High School Diploma: **40.50%**
- Percentage of the Population 25+ Without Insurance: **9.30%**

**Household Characteristics:**  
An estimated **2,621** are under the age of 18 or 65+, approximately **42.1%**. This is known as the dependent population.

**2012** are under 18 (**32.30%**)  
**609** are 65 or older (**9.80%**)

- Percentage of the Population with a Disability: **5.50%**
- Percentage of the Single-Parent Households with Children Under 18: **10.70%**
- Percentage of the Population Ages 5+ with Limited English Ability: **22.00%**

**Racial Breakdown:**

Racial Minority Population: 92.00%

**Housing Type and Transportation:**

- Percentage of Housing in Structures with 10 or more Units: **13.40%**

**National Risk Index (06053010606)**

State Risk Percentile: **99.12**

**99.8%**

Risk: **Very High**

---

**Climate and Economic Justice Screening Tool**

This tract is identified as disadvantaged. It has 1 category that meet the criteria.

**Workforce development**

**Workforce development**  
Communities are identified as disadvantaged if they are in census tracts that:

**ARE** at or above the 90th percentile for linguistic isolation OR low median income OR poverty OR unemployment

**AND** more than 10% of people ages 25 years or older whose high school education is less than a high school diploma

Workforce Development	
Linguistic Isolation	0.94
Low Median Household Income as a Percent of Area Median Income	0.35
Percent of Individuals <100% Federal Poverty Line	0.60
Unemployment	0.04
Percent of Individuals Age 25 or Over With Less Than a Highschool Degree	0.44

**Climate and Economic Justice Screening Tool**

**Climate Change**

Communities are identified as disadvantaged if they are in census tracts that:

**ARE** at or above the 90th percentile for expected agriculture loss rate OR expected building loss rate OR expected population loss rate OR projected flood risk OR projected wildfire risk

**AND** are at or above the 65th percentile for low income

**Energy**

Communities are identified as disadvantaged if they are in census tracts that:

**ARE** at or above the 90th percentile for energy cost OR PM2.5 in the air

**AND** are at or above the 65th percentile for low income

Climate Change	
Expected Agricultural Loss Rate	0.93
Expected Building Loss Rate	0.16
Expected Population Loss Rate	0.07
Energy	
Energy Burden	0.44
Diesel Particulate Matter Exposure	0.34

If a tract has been identified as disadvantaged across one or more categories, a graphic and table for each of these categories will appear.

For example, the image on the left shows a tract that has been identified as disadvantaged due to Climate Change and Energy.

For more information on CEJST and the categories of burden, visit: <https://screeningtool.geoplatform.gov/>.

\*The CEJST data is based on 2010 census tract boundaries, while the NRI and Social Vulnerability data is based on 2020 census tract boundaries. For areas where the trats have been split up or the tracts have been otherwise changed, you may not see CEJST data.

If you see the message to the right, CEJST data is not available for this tract. Deselect tract using the selection icon, then choose another tract.

Use the selection tool to clear the selection on the current tract to view another tract's details.



# Bay Area UASI Regional Resilience Tool



## User Guide

### County Level Tab

This tab mirrors the tract level tab with a few notable exceptions. For one, there is no Climate and Economic Justice Screening Tool data available at the county-level, so that panel will not appear. Next, when you click on a county on the map, you see get the same comparison information as on the tract level tab, but you will notice that the metrics are compared against the region rather than the county that the tract is located in.

**UASI Regional Resilience Tool** County: All

**National Risk Index Rating**  
0 - 100  
Set to minimum Set to maximum  
Reset

**Disadvantaged Tracts (per CEJST)**  
All Tracts Not Disadvantaged  
Disadvantaged

**Categories of Burden (Per CEJST)**  
No categories selected

**ECR Target Tracts**  
Select one or more tracts

**Social Vulnerability Assessment (San Benito County)**  
According to the American Community Survey, 64,753 people live in this area.

**Socioeconomic Status:**

- Percentage of the Population Below 150% Poverty: 17%
- Median Income: \$104,451
- Percentage of the Population Unemployed: 7.5%
- Percentage of Housing Cost Burdened Units: 28.4%
- Percentage of the Population 25+ Without a High School Diploma: 18.1%
- Percentage of the Population 25+ Without Insurance: 6.5%

**Household Characteristics:**  
An estimated 23,656 are under the age of 18 or 65+, approximately 38.4%. This is known as the dependent population.

15,844 are under 18 (25.7%)  
7,812 are 65 or older (12.7%)

- Percentage of the Population with a Disability: 10.2%
- Percentage of the Single-Parent Households with Children Under 18: 6.1%
- Percentage of the Population Ages 5+ with Limited English Ability: 8.7%

**Racial Breakdown:**  
Racial Minority Population: 66.6%

**Housing Type and Transportation:**

- Percentage of Housing in Structures with 10 or more Units: 2.6%
- Percentage of Housing Units that are Mobile Homes: 4.4%

**National Risk Index (San Benito County)**

State Risk Percentile: 39.66

93.86%  
Risk: Relatively Moderate

57.38%  
Social Vulnerability: Relatively Moderate

71.45%  
Community Resilience: Relatively High

93.13%  
Expected Annual Loss: Relatively Moderate

**Top Ten Hazards**

Hazard	Risk Score	Risk Index Rating
Earthquake	98.57	Relatively High
Wildfire	94.91	Relatively Moderate
Drought	91.38	Relatively Moderate
Heat Wave	68.79	Relatively Low
Riverine Flooding	63.32	Relatively Low
Landslide	47.8	Relatively Low
Tornado	13.08	Very Low
Hail	11.29	Very Low
Lightning	7.35	Very Low
Strong Wind	1.78	Very Low

**San Benito County**

The percentage of the population with a disability in this county is **0.01 percentage points higher** than the regional average.

The percentage of the population under age 18 in this county is **4.66 percentage points higher** than the regional average.

The percentage of the population over age 65 in this county is **3.53 percentage points lower** than the regional average.

The percentage of the population below 150% poverty in this county is **2.19 percentage points higher** than the regional average.

The percentage of the population without a high school diploma in this county is **5.31 percentage points higher** than the regional average.

The Median Income in this county is **\$14,460 lower** than the regional average.

# Bay Area UASI Regional Resilience Tool



## User Guide

### Map Tools

You will see map tools located in the top righthand corner on each map. The tools in the toolbar (from left to right) are:

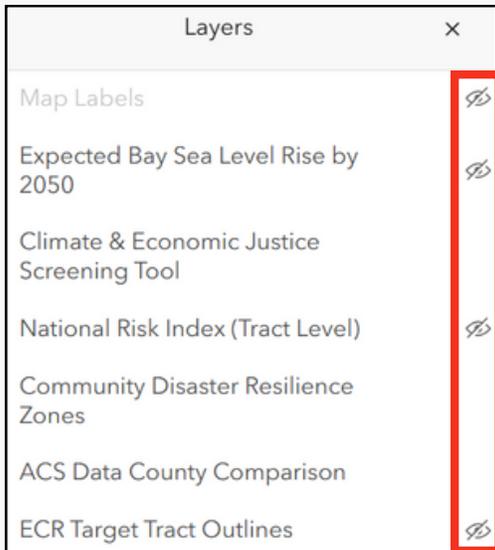
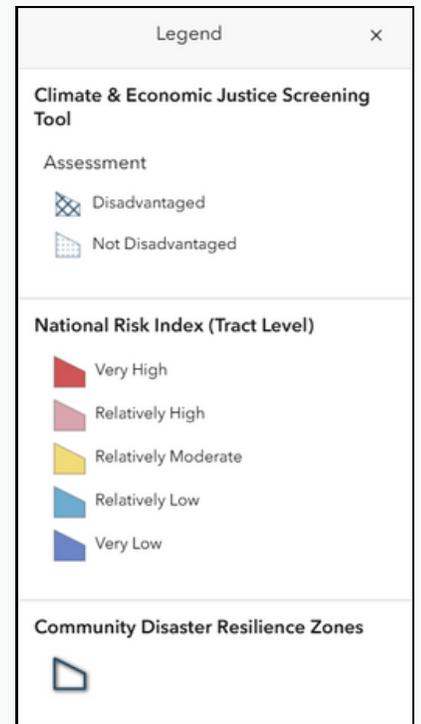


**Search** - enter an address to quickly find and zoom to a location on the map

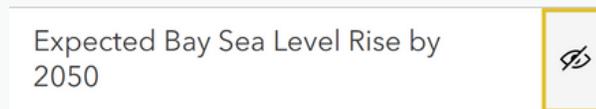
**Home** - return to the map's default extent

**Legend** - view information about how the data on the map is symbolized for different map layers

**Layer List** - toggle on and off different layers on the map. Layers that are hidden by default will appear with an eyeball icon with a line through it.



To make a layer visible, click on this icon once until an eyeball icon appears.



Click on the eyeball icon again to hide the layer.

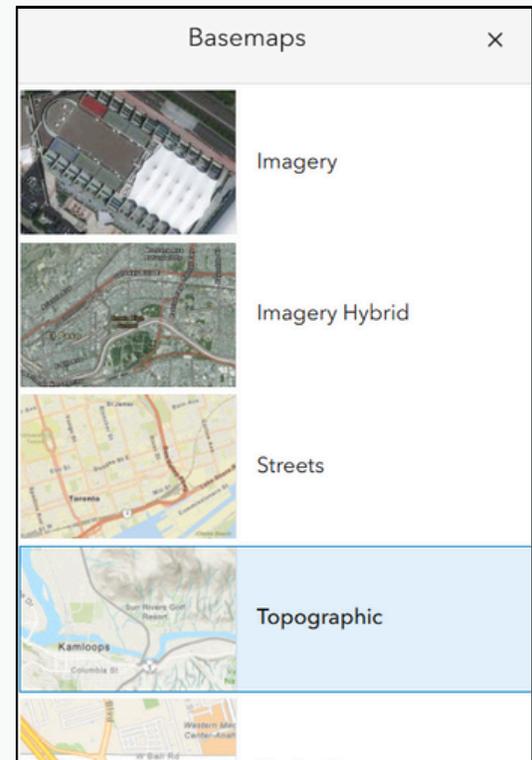


# Bay Area UASI Regional Resilience Tool



## User Guide

**Basemap Switcher** - allows you to change the background reference map. The topographic basemap is used by default.



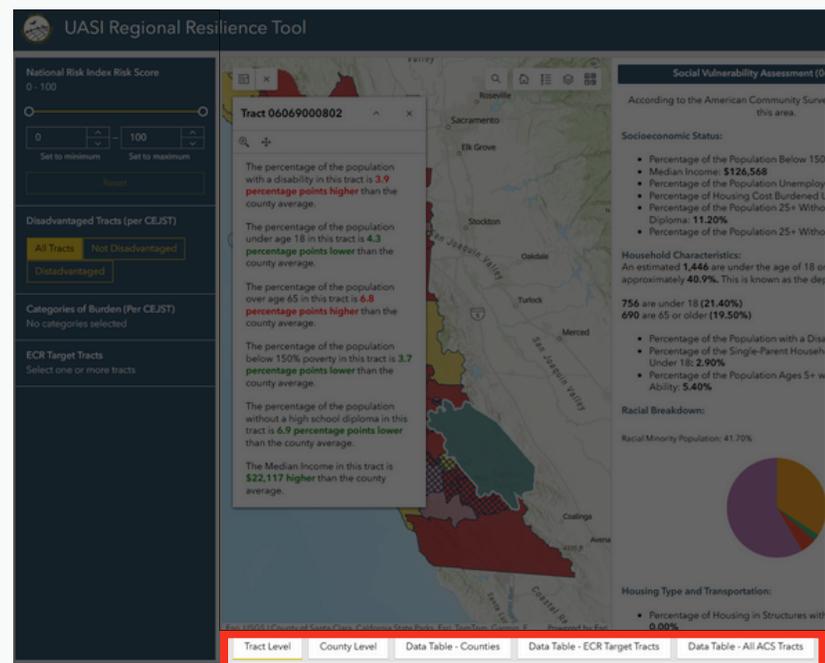
**Selection Tool** - the tool shown to the right will appear in the top lefthand corner of the map when you have a tract or county selected. Click on the "X" located next to the selection tool to remove your selection.



## Data Tables

The final three tabs are data tables that allow users to view and download a comprehensive list of values that were used in this tool coming from American Community Survey. They are (from left to right):

1. Data Table - Counties
2. Data Table - ECR Target Tracts
3. Data Table - All ACS Tracts



# Bay Area UASI Regional Resilience Tool



## User Guide

The first table is broken down by county. Use the scroll bar at the bottom of the window (highlighted red below) to view all fields.

UASI Regional Resilience Tool
County: All
☰

**National Risk Index Risk Score**  
0 - 100

0  100

Set to minimum Set to maximum

Reset

**Disadvantaged Tracts (per CEJST)**

All Tracts Not Disadvantaged

Distadvantaged

**Categories of Burden (Per CEJST)**  
No categories selected

**ECR Target Tracts**  
Select one or more tracts

Geographic Identifier - FIPS Code	County GNIS Code	Name	Area of Water (Square Meters)	Area of Land (Square Meters)	Total Population	Male Population	Males Under 5 Years	Males 5 to 9 Years	Males 10 to 14 Years
06001	01675839	Alameda County	216909647.000000	1910010507.000000	1,663,823	826561	45925	47576	
06013	01675903	Contra Costa County	225364427.000000	1856752855.000000	1,162,648	573074	32004	35579	
06041	00277285	Marin County	797077336.000000	1347890152.000000	260,485	127983	5886	6781	
06053	00277291	Monterey County	1267806850.000000	8499609697.000000	437,609	223186	14862	16179	
06055	00277292	Napa County	104444864.000000	1947606240.000000	137,384	68760	3240	3565	
06069	00277299	San Benito County	4719300.000000	3596591085.000000	64,753	32844	2019	2124	
06075	00277302	San Francisco County	479608103.000000	121045788.000000	851,036	438093	18603	15427	
06081	00277305	San Mateo County	757162988.000000	1161882953.000000	754,250	376542	20501	21487	
06085	00277307	Santa Clara County	33595850.000000	3343892723.000000	1,916,831	978952	53869	56386	
06087	00277308	Santa Cruz County	419720203.000000	1152818088.000000	268,571	134256	6240	7270	
06095	00277312	Solano County	218615209.000000	2128287124.000000	450,995	225302	13474	13756	
06097	01657246	Sonoma County	497303747.000000	4080091725.000000	488,436	240478	11728	13560	

Tract Level
County Level
Data Table - Counties
Data Table - ECR Target Tracts
Data Table - All ACS Tracts

The table on the next tab contains the target tracts selected by the Bay Area communities in task two of the Equitable Community Resilience Project.

Geographic Identifier - FIPS Code	2010 Tract ID	Name	County	Area of Water (Square Meters)	Area of Land (Square Meters)	Total Population	Male Population	Males Under 5 Years
06001409000	06001409000	Census Tract 4090	Alameda County	4,389,421.00	16,913,369.00	5,039	2,643	338
06001433900	06001433900	Census Tract 4339	Alameda County	0.00	816,590.00	7,187	3,137	589
06041112203	06041112201	Census Tract 1122.03	Marin County	0.00	108,443.00	2,498	1,353	178
06041112204	06041112201	Census Tract 1122.04	Marin County	54,896.00	215,404.00	4,266	2,739	47
06041112202	06041112202	Census Tract 1122.02	Marin County	2,697,692.00	3,960,766.00	5,808	2,790	365
06053011302	06053011302	Census Tract 113.02	Monterey County	0.00	1,890,068.00	5,573	2,661	324
06053011305	06053011304	Census Tract 113.05	Monterey County	4,614,641.00	543,938,750.00	4,506	2,263	273
06053011306	06053011304	Census Tract 113.06	Monterey County	0.00	1,755,507.00	3,105	1,518	221
06055200504	06055200504	Census Tract 2005.04	Napa County	0.00	1,848,074.00	5,956	2,790	120
06069000400	06069000400	Census Tract 4	San Benito County	0.00	2,263,273.00	6,960	3,345	204
06069000701	06069000701	Census Tract 7.01	San Benito County	0.00	1,656,672.00	4,719	2,447	159
06081611700	06081611700	Census Tract 6117	San Mateo County	2,456,677.00	10,131,820.00	5,699	2,884	274
06085504001	06085504001	Census Tract 5040.01	Santa Clara County	0.00	1,137,359.00	5,085	2,601	49
06085504002	06085504002	Census Tract 5040.02	Santa Clara County	0.00	1,026,358.00	6,385	3,498	135
06085512511	06085512508	Census Tract 5125.11	Santa Clara County	0.00	1,384,994.00	4,872	2,322	177
06085512512	06085512508	Census Tract 5125.12	Santa Clara County	0.00	979,398.00	4,052	1,878	201
06085512603	06085512603	Census Tract 5126.03	Santa Clara County	0.00	2,088,701.00	4,357	2,103	257
06087110101	06087110100	Census Tract 1101.01	Santa Cruz County	0.00	1,357,751.00	2,767	1,288	81
06087110102	06087110100	Census Tract 1101.02	Santa Cruz County	0.00	1,090,835.00	4,747	1,660	75

Tract Level
County Level
Data Table - Counties
Data Table - ECR Target Tracts
Data Table - All ACS Tracts

# Bay Area UASI Regional Resilience Tool

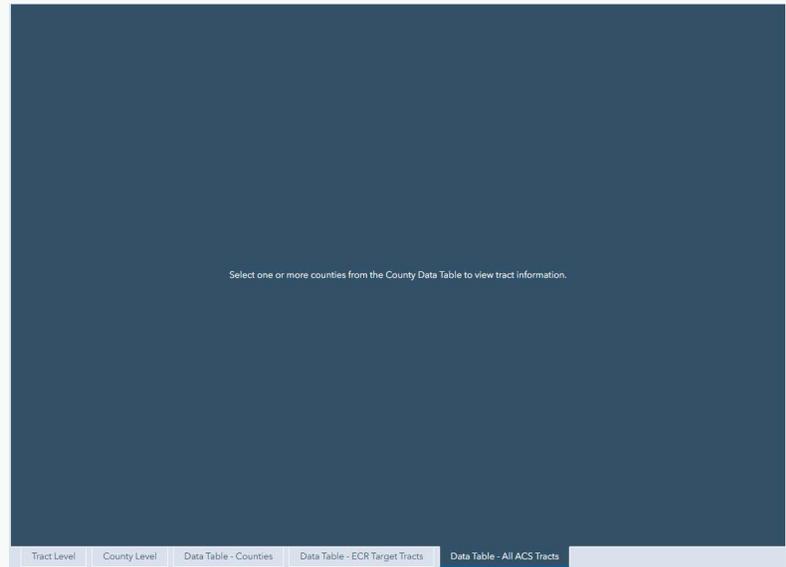


## User Guide

The final data table is broken down by tract. Because this is such a large data table, you must click on a county from the counties data table first to view information on the tracts in that county.

Click on one or more rows from the Data Table - Counties tab, then return to the Data Table - All ACS Tracts tab to view the tract level data. Selected counties will be highlighted in yellow as shown in the image on the previous page.

From each data table, you can use the downward arrow icon to download the data table to a CSV file.



Geographic Identifier - FIPS Code	Name	County	Area of Water (Square Meters)	Area of Land (Square Meters)	Total Popu
06081603200	Census Tract 6032	San Mateo County	1,796,604.00	4,523,801.00	
06081603300	Census Tract 6033	San Mateo County	0.00	7,993,755.00	
06081604600	Census Tract 6046	San Mateo County	0.00	1,422,218.00	
06081604700	Census Tract 6047	San Mateo County	0.00	1,104,430.00	
06081604800	Census Tract 6048	San Mateo County	0.00	1,033,921.00	
06081604900	Census Tract 6049	San Mateo County	0.00	1,544,633.00	
06081605000	Census Tract 6050	San Mateo County	0.00	4,098,301.00	
06081605100	Census Tract 6051	San Mateo County	1,639,783.00	2,620,759.00	
06081605200	Census Tract 6052	San Mateo County	0.00	947,762.00	
06081605300	Census Tract 6053	San Mateo County	0.00	1,104,845.00	
06081605400	Census Tract 6054	San Mateo County	1,270,706.00	2,651,441.00	
06081605600	Census Tract 6056	San Mateo County	0.00	8,587,671.00	
06081605700	Census Tract 6057	San Mateo County	0.00	8,068,889.00	
06081605800	Census Tract 6058	San Mateo County	0.00	1,204,598.00	
06081606000	Census Tract 6060	San Mateo County	3,615.00	767,869.00	
06081606100	Census Tract 6061	San Mateo County	2,677,425.00	2,567,202.00	
06081606300	Census Tract 6063	San Mateo County	0.00	1,019,000.00	
06081606400	Census Tract 6064	San Mateo County	0.00	814,559.00	



Click to download to your computer

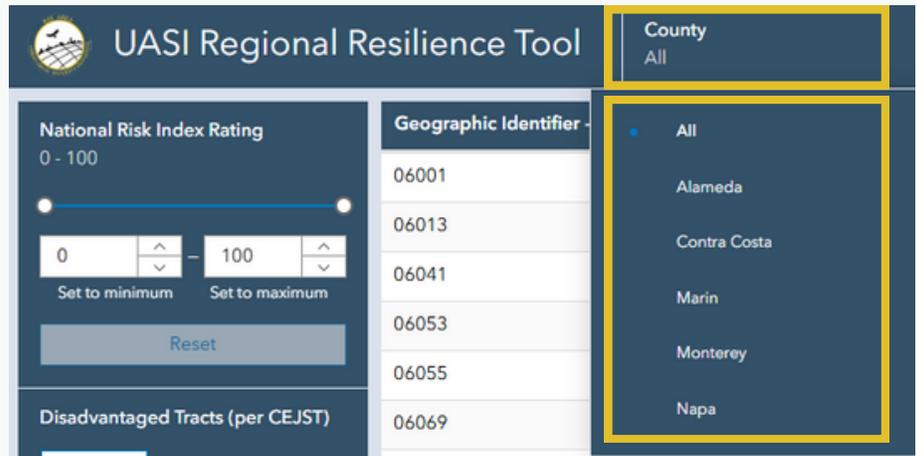
# Bay Area UASI Regional Resilience Tool



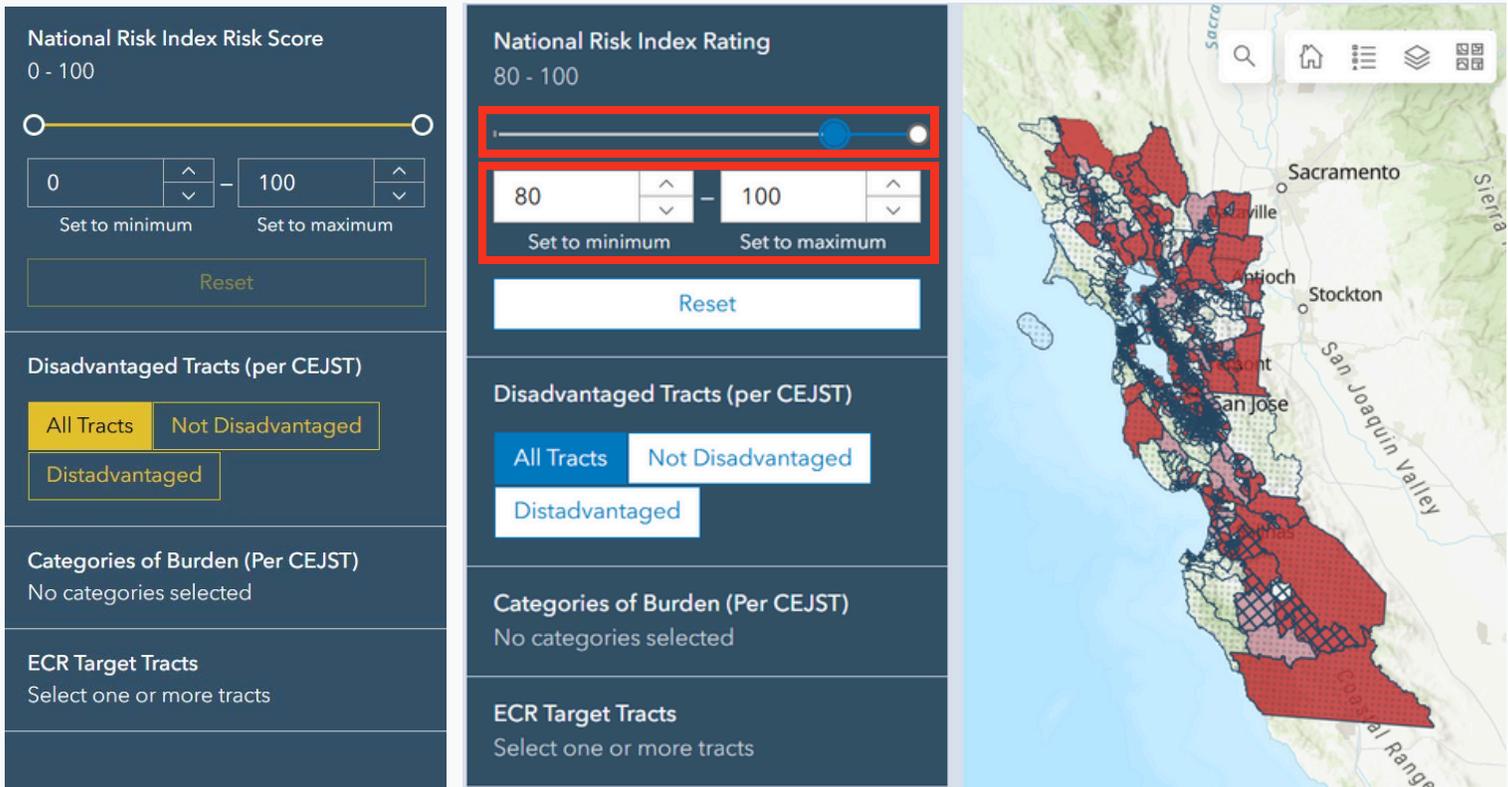
## User Guide

### Filters

There are a number of ways to filter and query data on the maps. Firstly, there is a county selection filter along the header bar that allows users to select a county from the dropdown list. This selection will filter both maps and the Counties data table.



There are also filters on the lefthand panel of the application. To filter the maps by National Risk Index Rating, use the slider or the text boxes to enter a minimum and/or maximum Risk Index Score. For example, if you would like to only see tracts with just a risk score of 80 or above, enter 80 into the minimum text box or use the slider to select 80 -100.



# Bay Area UASI Regional Resilience Tool



## User Guide

Next, you can view filter the map by Climate and Economic Justice Screening Tool criteria.

Use the button filters to select for just disadvantaged or just non-disadvantaged tracts. By default, all tracts will appear and the “All tracts” option is selected.

You can also filter by specific categories of burden used in the Climate and Economic Justice Screening Tool.

For example, if you want to view just tracts that are designated as disadvantaged due to climate change, energy, or water and wastewater, select these categories from the dropdown list. Select these categories again to return to the view of all tracts. This filter list allows for multiple selections at a time.

**Disadvantaged Tracts (per CEJST)**

**All Tracts** **Not Disadvantaged**  
**Disadvantaged**

- Climate Change
- Energy
- Health
- Housing
- Legacy pollution
- Transportation
- Water and wastewater**
- Workforce development

**Reset** **Select all**

**Categories of Burden (Per CEJST)**  
Climate Change, Energy, Water an... **3**

The ECR target tracts list allows you to select and zoom to any of the tracts selected by Bay Area communities for the 2023-2024 Local Roadmap to Community Resilience process.

This filter acts on the Tract level map as well as the ECR Target Tracts data table. This filter works with a multiple selection in the same way as the CEJST category selection above.

**ECR Target Tracts**  
Select one or more tracts

- 06001409000
- 06001433900
- 06041112201
- 06041112202
- 06053011302
- 06053011304

# Bay Area UASI Regional Resilience Tool



## User Guide

### Contact Us

For more information or to provide feedback on the Regional Resilience Tool, contact:



#### **Christophe Arnold**

UASI Regional Project Manager

[Christophe.Arnold@sfgov.org](mailto:Christophe.Arnold@sfgov.org)

(415) 272-6451



#### **Meredith Terrell**

Community Preparedness Analyst

[Meredith.Terrell@sfgov.org](mailto:Meredith.Terrell@sfgov.org)

(415) 416-5110