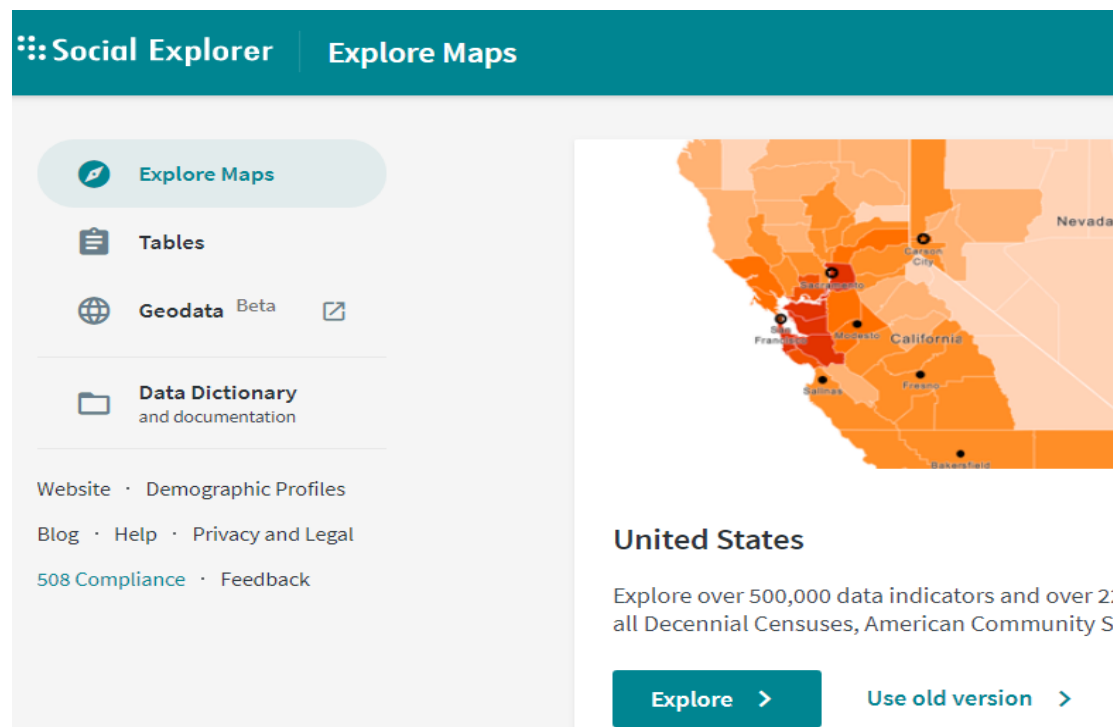**Getting Data About Your Neighborhood Using Social Explorer (as of 2020)**
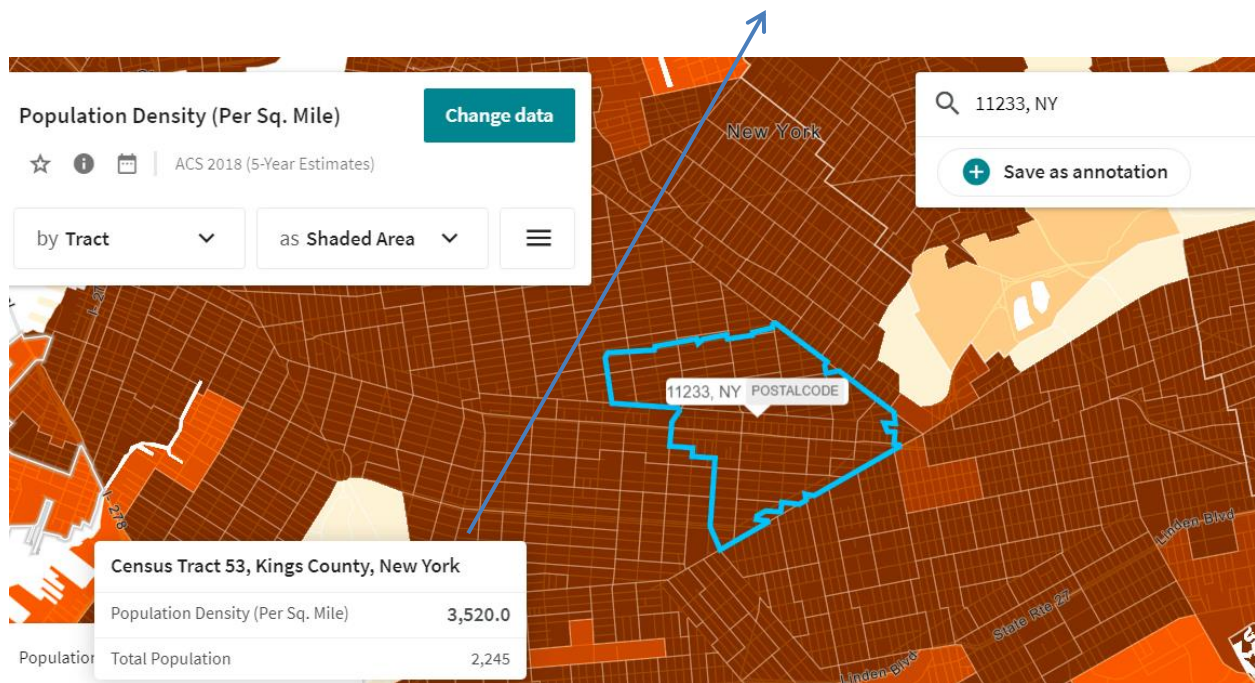
For this exercise, we will use a zip code to use a neighborhood as well as the surrounding census tracts that share the boundary of this zip code.

Go to Social Explorer from Databases in the library home page (library.gmu.edu)--the default option is **Explore Maps**. You can examine data at a variety of geographic levels using Explore Maps

1. Enter your geography (your zip code, (a geography) using 🔍

Click on Explore> click on, a finding symbol (upper right corner) and type your Zip code (11233). You will notice that as soon as you type, 11233, it will show up 11233, NY in the search box and the boundary of the zip code will show up as shown below. You can type, an address, place name, county name in this search box too instead of a zip code. If you hover over your mouse in any geography, you will see data information associated with the geography as shown below.

Population Density (Per Sq. Mile)   **Change data**

☆ ⓘ 📅 | ACS 2018 (5-Year Estimates)

by **Tract** ⌄   as **Shaded Area** ⌄   ☰

🔍 11233, NY

⊕ Save as annotation

11233, NY POSTALCODE

Census Tract 53, Kings County, New York

Population Density (Per Sq. Mile)   3,520.0

Total Population   2,245

2. Select your topical variable.
   Click on the "**Change data**" tab after displaying your geography on map to pick up your own data (instead of the default data, population density). You have options to select a YEAR and Data (Census data or other data provided by Social Explorer). We will select 1990 and Race data for this zip code area by Census Tracts.

Change data   🔍 | >

Categories   All data (by source)   Saved

←   👥 **Race, 1990**

940   1950   1960   1970   1980   **1990**   2000   2006   2007   2008   2009   2010
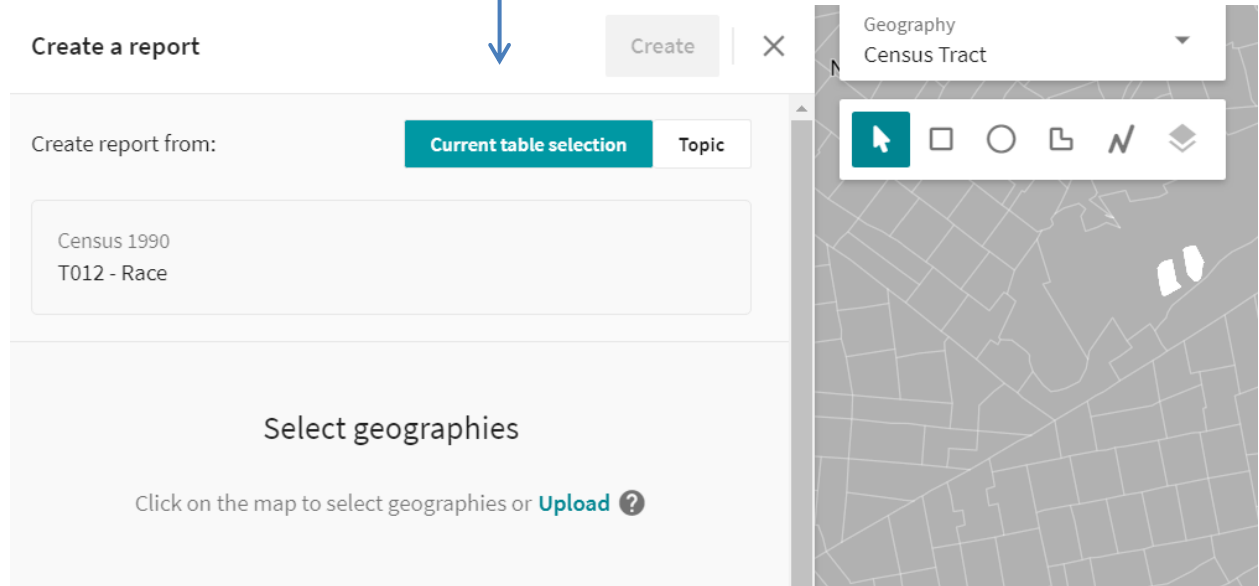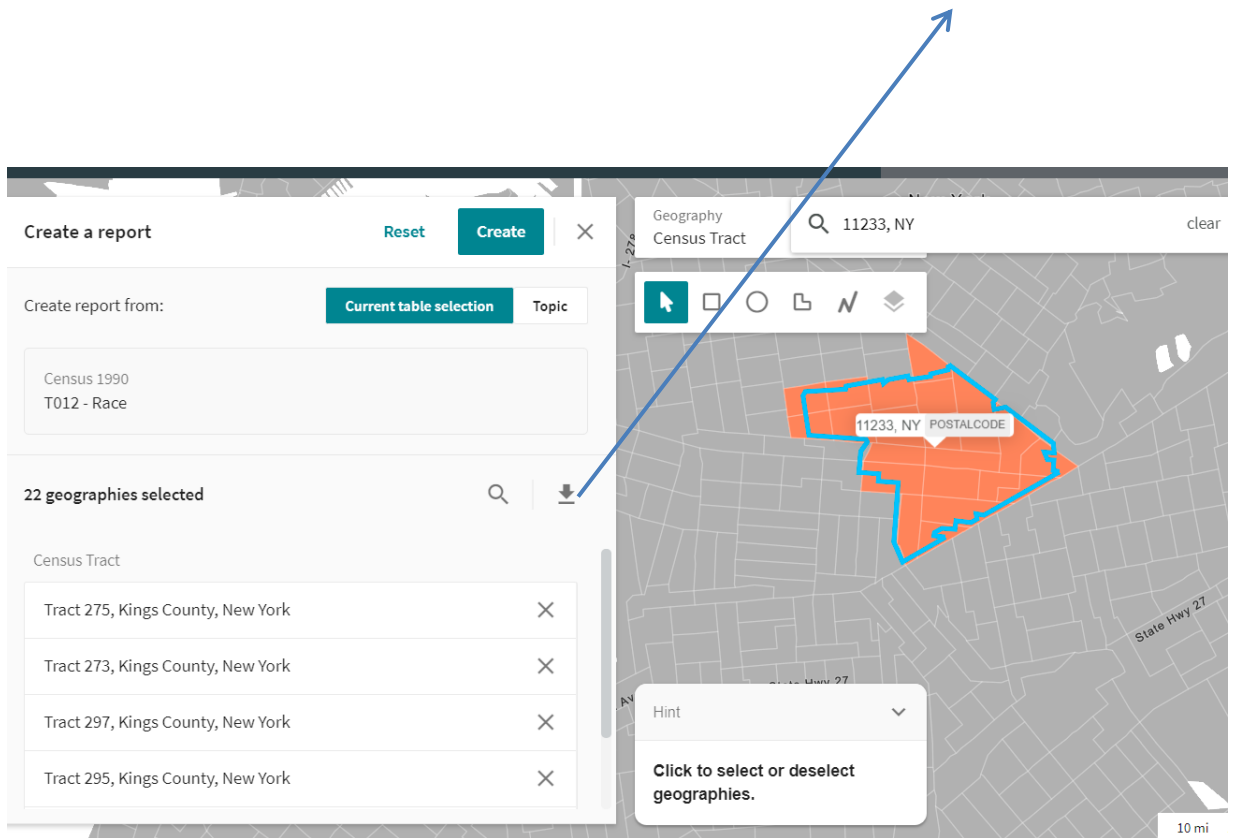
Show all years

Filter list...

White ☑

Black ☑

American Indian, Eskimo, or Aleut ☑

Asian or Pacific Islander ☑

Other race ☑

3. Select your census tracts for your geography and create a data report using   ☰   (more options)

Click on X after you finish the variable selection and then click on hamburger sign (☰),
then click on the <u>Current table selection</u> (to get your race data). After you make sure you have
the chosen year and variable (in this case, Race).

Next, use to select the geographies (the census tracts falling in a zip code, 11233
boundary). Your map should look like this below. Your selected 22 census tracts can be
downloaded (click on the **Download icon**) for further use when you choose multiple variables
and multiple geographies (census tracts in this case) that you would like to add using **Tables**
options in Social Explorer. You will see then, the "Create" tab highlighted.

4. Next, click "**Create**" tab on the screen to get a report or download your data by choosing Excel

Statistics	Tract 273, Kings County, New York		Tract 275, Kings County, New York		Tract 295, Kings County, New York		Tract 297, Kings County, New York		Tract 299, Kings County, New York	
SE:T12. Race										
Persons:	3,248		4,460		3,623		4,087		1,615	
White	20	0.6%	63	1.4%	19	0.5%	50	1.2%	34	2.1%
Black	3,189	98.2%	4,283	96.0%	3,538	97.7%	3,970	97.1%	1,479	91.6%
American Indian, Eskimo, or Aleut	4	0.1%	17	0.4%	13	0.4%	15	0.4%	2	0.1%
Asian or Pacific Islander	3	0.1%	23	0.5%	7	0.2%	16	0.4%	5	0.3%
Other race	32	1.0%	74	1.7%	46	1.3%	36	0.9%	95	5.9%

Census 1990

Choose survey/year ▸ Geographies ▸ Tables ▸ Results

| Report | Excel | Data Download |

Download the report as a Microsoft Excel file. Two versions of Excel are supported: 2007 and 2003. The most n
limited to 255 columns and 65,535 rows, per sheet. For these versions, if you select more than 255 geographies
choose to output just the totals.

Please set options before you download the report:

⊟ **General options:**

☑ Output percents

☐ Output totals only (aggregates)

⊞ **Formatting:**

Download Microsoft Excel:

Excel 2007 (.xlsx)   Excel 2003 (.xls)

XLSX 2007   XLS 2003

OR choose, **Data Download**> check, "**Output all geographic identifiers**" if you want to work this
table in GIS, then choose a proper file format (csv, SAS, SPSS) that you are going to work with
this table.
If you want to see a shore tutorial provided by Social Explore, click on "Take a tour" from this
more option in the right upper corner

Another Option: Using **Tables option to get your selected multiple data variables and multiple
geographies.**

1. **Click on tables and click, US Decennial Census> choose, 1990 and "Begin Report"**

List Geographies	FIPS Codes

Select a geographic type: (Show all geographies)

140 .... Census Tract ▼

Select a State:

New York ▼

Select a County:

Kings County, New York ▼

Select one or more geographic areas and click 'add':

```
Tract 1114, Kings County, New York
Tract 1118, Kings County, New York
Tract 1120, Kings County, New York
Tract 1122, Kings County, New York
Tract 1124, Kings County, New York
Tract 1126, Kings County, New York
Tract 1128, Kings County, New York
Tract 1130, Kings County, New York
Tract 1132, Kings County, New York
Tract 1134, Kings County, New York
```

Select the 22 census tracts that you explored and chosen from the Explore Map option for the zip code, 11233, NY (use the list downloaded from the step 3 of the Map option above)

After you selected the multiple census tracts and click on "Add", then

Proceed to Tables ▶

Add ▾	Remove ▲

2. Next, choose your variables and click on **Add**. You can choose multiple variables here (not like Map Explorer) as shown below. Then click on, **Show results**.

T39. Occupation
T40. Class Of Worker
T41. Household Income In 1989 Dollars
T41A. Household Income In 1989 Dollars - Cumulative (Less)
T41B. Household Income In 1989 Dollars - Cumulative (More)
T42. Household Income In 1989 Dollars (short version)
T43. Median Household Income In 1989 Dollars
T44. Average Household Income In 1989 Dollars

Abbreviations: **AIAN** - American Indian and Alaska Native; **NHPI** - Native Hawaiian and Other P

Add ▾	Remove ▴

Current Table Selections:

```
======== Social Explorer Dataset ========
T12. Race
T43. Median Household Income In 1989 Dollars
```

Show results ▶

3. You will see the result like below. Click "Excel" or "Data Download"

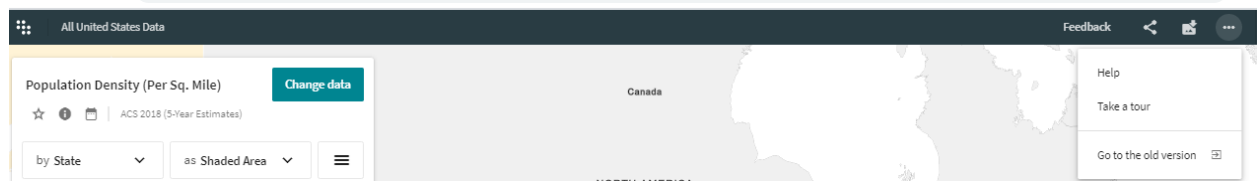Choose survey/year ▸ Geographies ▸ Tables ▸ Results

Report	Excel	Data Download

Adjust $ values for inflation to: None ▾

Statistics	Tract 1, Kings County, New York		Tract 2, Kings County, New York		Tract 1122, Kings County, New York		TOTAL (All Selected Census Tracts)	
SE:T12. Race								
Persons:	3,454		1,065		2,904		7,423	
White	2,948	85.4%	648	60.9%	265	9.1%	3,861	52.0%
Black	357	10.3%	101	9.5%	2,036	70.1%	2,494	33.6%
American Indian, Eskimo, or Aleut	6	0.2%	0	0%	12	0.4%	18	0.2%
Asian or Pacific Islander	103	3.0%	40	3.8%	132	4.6%	275	3.7%
Other race	40	1.2%	276	25.9%	459	15.8%	775	10.4%
SE:T43. Median Household Income In 1989 Dollars								
Median Household Income In 1989 Dollars	$41,364		$9,798		$25,458		$34,615	

Note: Hoover over …. in the upper right of the home page. Click on "Help" or "Take a tour" for advanced options provided by Social Explorer,

For more options: https://www.socialexplorer.com/help/
  ➢ Visualize Multiple Variables; https://www.socialexplorer.com/help/using-maps/visualizing-data/visualize-multiple-variables
  ➢ Change Geography for Data Display: https://www.socialexplorer.com/help/using-maps/visualizing-data/change-geography-for-data-display

Contact: **Joy Suh** (hsuh1@gmu.edu) if you have any questions related to this guide.

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