

Professor Battle's Census Project

Geographic Data Source

Show Data by:

Census Tract

Neighborhood Tabulation Area

Search for a Location

SEARCH TYPE
Address

ADDRESS NUMBER

STREET NAME

BOROUGH

Find

MAP 2010 Census Profile

Welcome to New York City Census FactFinder

The New York City Census FactFinder (NYC CFF) provides easy access to U. S. Census Bureau population information for New York City. To begin a search choose the type of geographic area you want to profile (census tract or Neighborhood Tabulation Area). Then pick your location. You can search by address, intersection, place of interest, census tract, subway station, or neighborhood. Alternatively, you can simply use the select tool on the interactive map to choose a census tract or Neighborhood Tabulation Area to be profiled. Multiple census tracts can be selected using the buffer tool or by using the select tool and the control key together. First time visitors are encouraged to view the [user guide](#) and [frequently asked questions](#).

NYC Census FactFinder

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[I acknowledge this disclaimer.](#)

Searched Locations

Overview Map

Copyright 2013 The City of New York

0 1 2 miles

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- II. Project Instructions
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 - B. Part II – How to Map Your Zip Code
 - C. Part III – How to export your community demographics

Appendix:

- I. FAQs on How to Screenshot on PC
- II. FAQs on How to Screenshot on a MAC

Learning Objectives

Students will learn:

- (1) to access websites for compiling census data;
- (2) to screenshot visual data on Mac or PC;
- (3) to export census data into an excel file;
- (4) to see visual data by mapping results.

Project Instructions

For this assignment, I want you to get a sense of what your neighborhood (census tract) demographically looks like as compared to the United States, New York State, and your borough. If you don't live in NYC, you can pick another region for comparison. As the site is sometimes down, please allow plenty of time to complete this assignment. To that end:

1. Using this tutorial as your guide, go to the website. Figure out the census tract that contains your home address.
2. Then follow the tutorial to fill in the missing numbers on page 3 of this assignment.
3. On a separate sheet, compare your census tract to your borough, NY state, and the United States on the following variables: Total Population, Population Density, Race, Household size, Educational Attainment for Population, Cumulative Educational Attainment, Median Family Income, Average Family Income, and Nativity by Citizenship Status.

You'll get quite a bit of information for education and income. Therefore, 'summary' information is more helpful than over detailed information. In your written analysis, address the following:

- a) Comparing the United States, NY state, and your borough to your neighborhood (census tract):
 - (1) for population density, is your neighborhood more or less densely populated than your borough?
 - (2) for race, compared to the United States, which groups are over or under represented in your borough and in your neighborhood?
 - (3) for household size, is the average household size in your neighborhood larger or smaller than for your borough?
 - (4) for education, on average, is your neighborhood more or less educated than your borough?
 - (5) for income, on average, does your neighborhood have a higher or lower family income than your borough?
- b) Now that you've answered all of 3a above, for your census tract, what were you surprised to find? Does your neighborhood demographically look like New York State? Your borough? If your neighborhood does or does not look like your borough, why do you think that is? Here, using as much information as you can (from #2 above), engage your intellectual imaginations to conjecture about the life circumstances of someone coming from your neighborhood as compared to the average person living in your borough. Then do the same for an average person in your neighborhood as compared to someone from NY state; and then as compared to an average person dwelling within the United States.

In short, in about five pages, I want you to conjecture about how these variables – Total Population, Population Density, Race, Household size, Educational Attainment for Population, Cumulative Educational Attainment, Median Family Income, Average Family Income, and Nativity by Citizenship Status – might affect a person's life circumstances.

4. Staple your assignment in the following format:
 - (1) your analysis (see below for template),
 - (2) excel file containing the numbers you retrieved from the Social Explorer database,
 - (3) the screenshot map of your census tract,
 - (4) the screenshot of your zip code.

Analysis Template

Name

Due Date

Written Analysis for Prof. Battle's Census Project

Population Density

My neighborhood has a population density (per square mile) of _____ people; whereas my borough's is _____, New York state is _____, and the United States is _____.

Race

In my neighborhood, the racial group with the highest representation is _____ and the group with lowest percentage of representations is _____. (NOW COMPARE THAT INFORMATION TO YOUR BOROUGH, THE STATE, AND THE UNITED STATES.)

Household Size

My neighborhood has an average household size of _____ people; whereas my borough's is _____, New York state is _____, and the United States is _____.

Education

Compared to the United States, New York state, and my borough, my neighborhood is ...

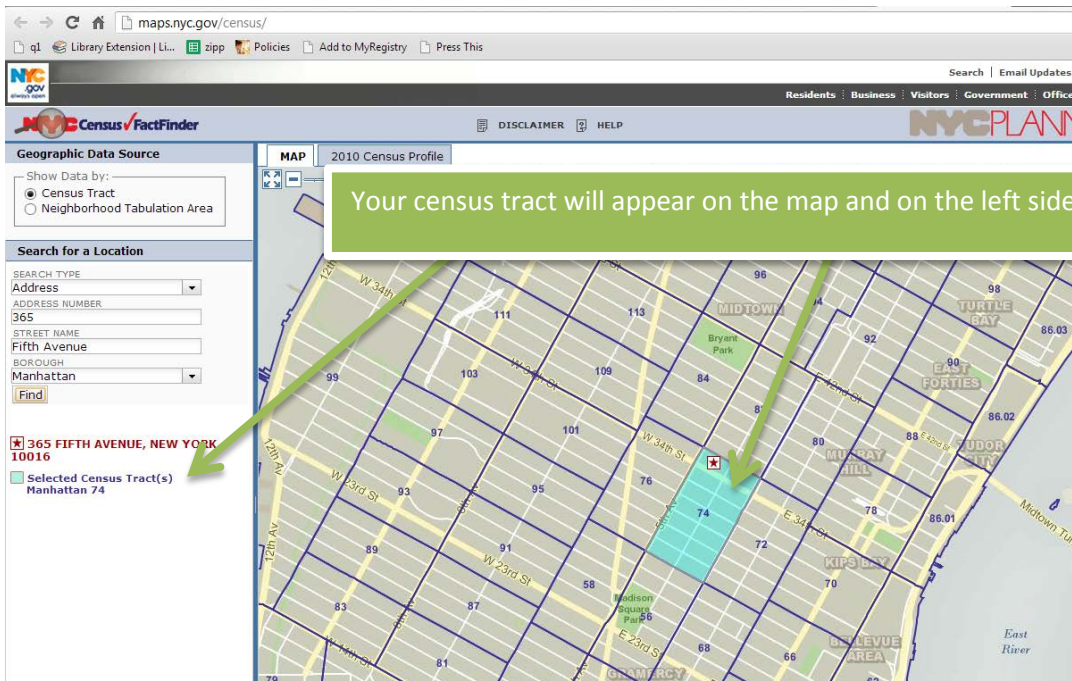
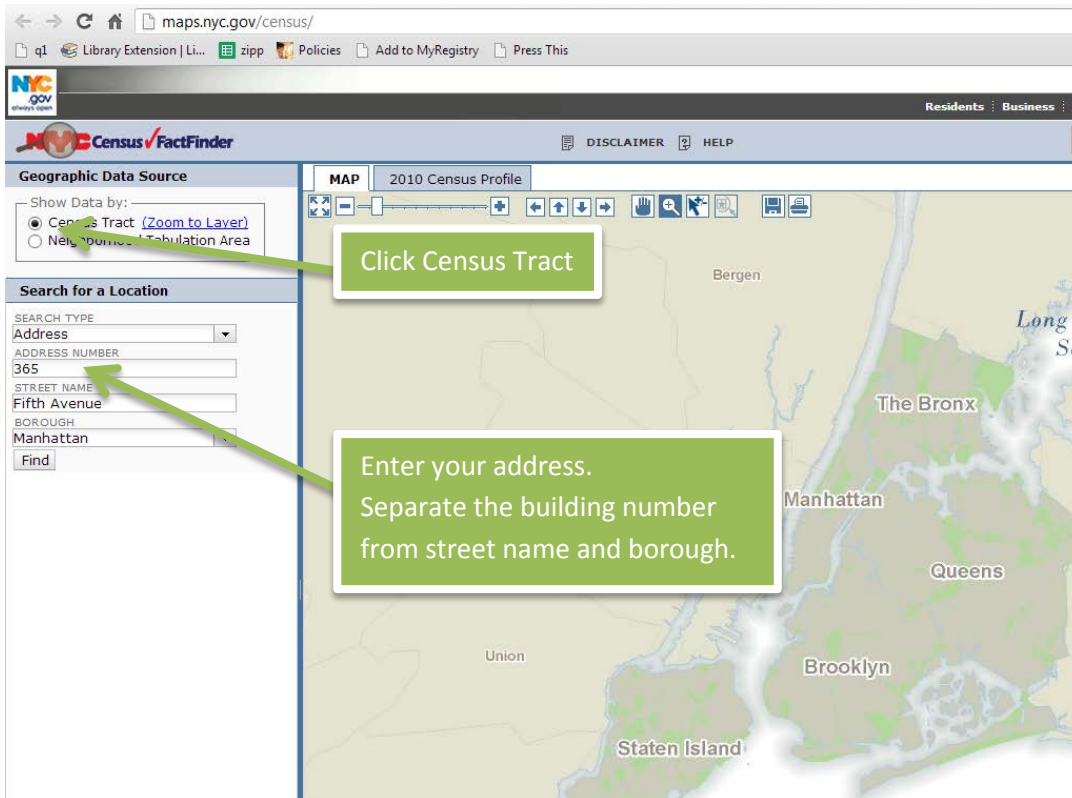
Income

(I THINK YOU GET THE IDEA.)


Part I – How to Map Your Census Tract

Step 1: Go to maps.nyc.gov/census/

- Click Census Tract.
- Type in your address.
- Click Find.

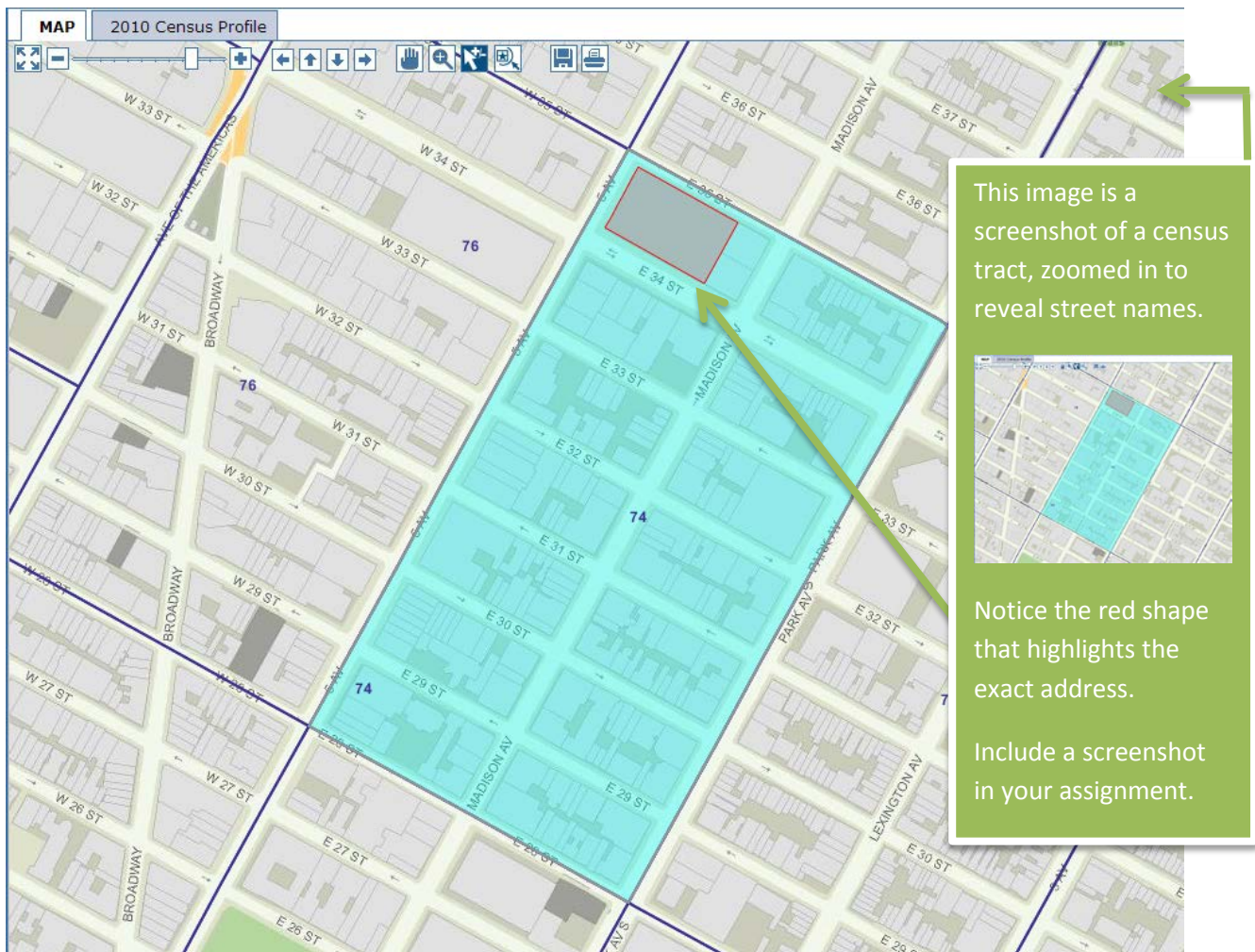


Step 2: Take a Screenshot of the map.

- Zoom into the map by clicking the  button on the top right corner.



- Stop Zoom once you see street numbers.
- Take a screenshot (see Appendix on how to take screenshot) of your census tract.

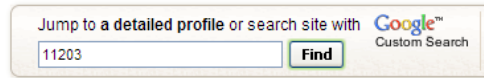


- Open an MSWord document
- Paste the screenshot of your map onto a separate MSWord document
- Label this page Census Tract Screenshot

Part II – How to Map Your Zip Code

Step 1: Go to city-data.com

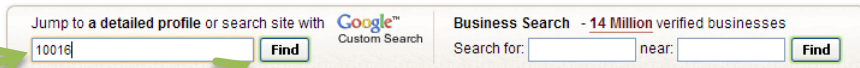
- Type your Zip Code in the Google search field.
- Click Find.



Visited by over 20 million unique visitors in June 2013, featured in 121 books, on CNN, WABC in New York, Bay News 9 in Tampa Bay, and USA Today's Ho

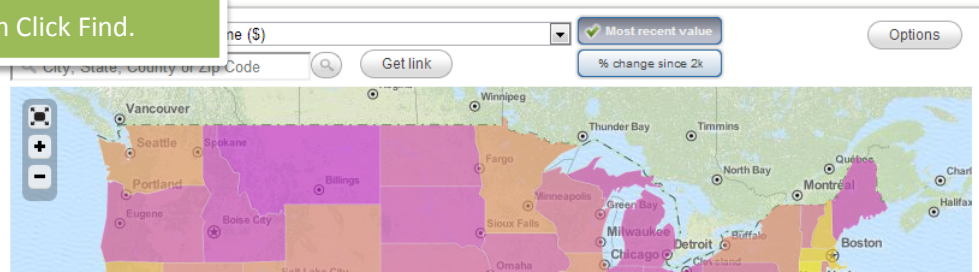
We've collected and analyzed data from numerous sources to create as complete and interesting profiles of all U.S. cities as we could. We have over 74,000 city photos not found ; eal estate prices and sales trends, recent home sales, home value estimator, hundreds of thousands of maps, satellite photos, stats about residents (race, income, ancestry), geographical data, state profiles, crime data, registered sex offenders, cost of living, housing, religions, businesses, local news links based on our exclusive technology, birthpla :ontributions, city government finances and employment, weather, tornadoes, earthquakes, hospitals, schools, libraries, houses, airports, radio and TV stations, zip codes, a memployment data, time zones, water systems and their health and monitoring violations, comparisons to averages, local poverty details, professionally written city guides, car acc :ell phone and other towers, mortgage data, business storefront photos, a forum and a social network with 1,400,000 registered members and 25,000,000 posts, blogs, 5,000 r :roperty info for millions of houses, 30,000 exclusive local business profiles with photos, restaurant inspection results, and more demographics. If you ever need to research any city, my reason, from considering a move there to just checking where somebody you know is staying, this is the site for you.

op 101 City Lists - Rankings in hundreds of categories, such as income, crime, most gay couples, most cars, shortest commute, biggest houses, best educated residents, and ma
 op 100 City Lists and Random city pictures submitted to our site.

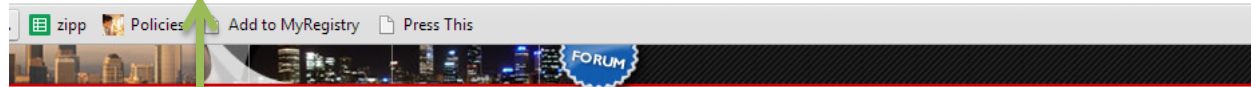


Type Zip Code, then Click Find.

For example, see [New York, New York](#) detailed profile.



city-data.com/zips/10016.html



Your Zip Code will appear in the Header of the page

10016 Zip Code Detailed Profile

[All Zip Codes.](#)

Note the name of your county in this profile page




City: [New York, NY](#)
 County: [New York County, NY](#)

Zip code population in 2010: 35,617
 Zip code population (2000): 51,217

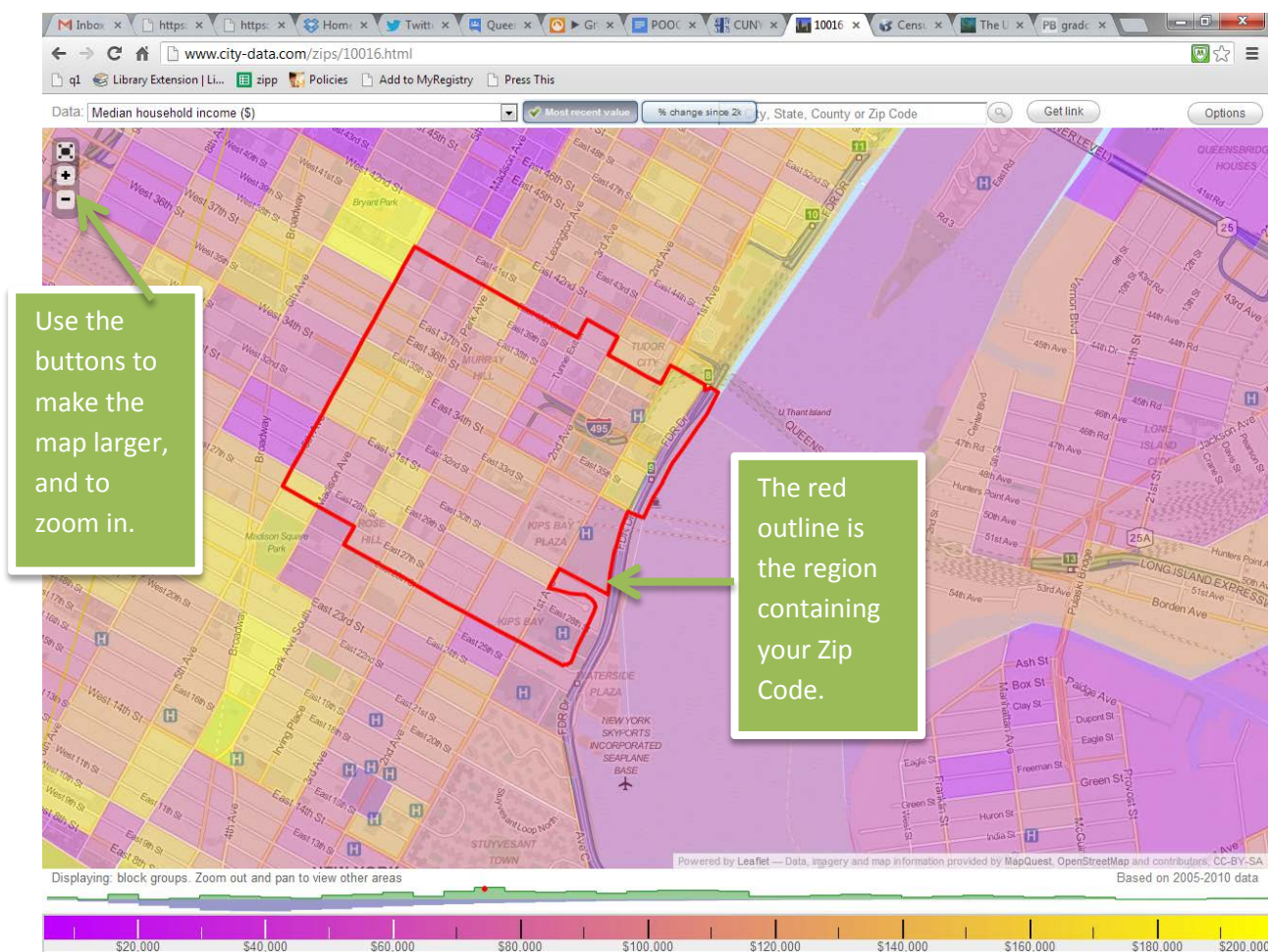
Like Be the first of your friends to like this.

- Scroll down to find a map of your Zip Code.
- The default setting will be on medium household income. This is fine, as the only purpose is to find the map.



- Click the  button to make the map larger
- Click the  button to zoom into the red outline
- Click the  button to zoom out if you go too far into the zip code

Step 2: Take a Screenshot of the Zip Code map
(see appendix for how to take a screenshot)



- Open an MSWord document
- Paste the screenshot of your map onto a separate MSWord document
- Label this page Zip Code Screenshot

Part III – Chart your Statistics

Step 1: Go to library.gc.cuny.edu

- Click on the Databases tab
- Type in Social Explorer in the Databases search field
- Enter the Social Explorer Database (if you are off campus, you will need to log-in with your GC username and password in order to enter the Database).

The screenshot shows the library website interface. The browser address bar displays library.gc.cuny.edu. The navigation menu includes HOME, ABOUT THE LIBRARY, USING THE LIBRARY, RESOURCES AND TOOLS, HELP, and CONTACT. The 'Databases' tab is highlighted in the main navigation bar. Below this, a list of database categories is shown: Databases A-Z, Databases by Subject, Trial Databases, CUNY-wide Databases, Electronic books, and Multi-Database Search. A search bar contains the text 'social explorer'. The search results table shows one entry: 'Social Explorer' with a description: 'New York City, Los Angeles, and national demographic maps based on Census data. A companion to Infoshare.' Below the table, it says 'Showing 1 to 1 of 1 entries (filtered from 307 total entries)'. On the left side, there are sections for QUICK LINKS, HOURS, and Ask-A-Librarian with buttons for EMAIL, CHAT, and APPOINTMENT.

1. Click the Databases Tab

2. Type in Social Explorer to find the Database

3. Click the Database link to enter Social Explorer

Step 2: Enter Social Explorer Database.

- Click on the “Maps & Tables” tab.

→ Link to old Social Explorer Professional Edition provided by CUNY Graduate Center

Social Explorer
BETA

Maps & Tables How To My Explorer Log In or Sign Up

Visually Explore Demographic Data

220 years of demographic data, 18,000 maps, hundreds of profile reports, 40 billion data elements and 335,000 variables

Take the Tour

- Choose Tables, then click the American Community Survey for 5-year estimates

Social Explorer
BETA

Maps & Tables How To My Explorer Log In or Sign Up

Maps Choose “Tables “ Tables

- Begin the report of the most recent year


▼ American Community Surveys (5-Year Estimates)

ACS 5-Year Estimates (available down to the Census Block Group geography) data plus Social Explorer tables with Hispanic origin, household relationship, place of birth, education, employment status, income, tenure, cost and other data.

American Community Survey (ACS) 2007--2011 (5-Year Estimates)	Begin report	Data Dictionary
American Community Survey (ACS) 2006--2010 (5-Year Estimates)	Begin report	Data Dictionary
American Community Survey (ACS) 2005--2009 (5-Year Estimates)	Begin report	Data Dictionary

Click the most recent American Community Survey (ACS) with 5-year estimates

Step 3: Input your community information to receive census survey results by nation, state, and your census tract.

1. Select your geographic type: Nation
2. Choose United States (the only choice)
3. Click "Add": 

4. Select your geographic type: State
5. Choose your state: ie. "New York"
6. Click "Add" to appear in current selections



ACS 2007 -- 2011 (5-Year Estimates) | Geographies | Tables | Results

List Geographies | FIPS Codes

Select a geographic type:
Nation

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

Add Remove

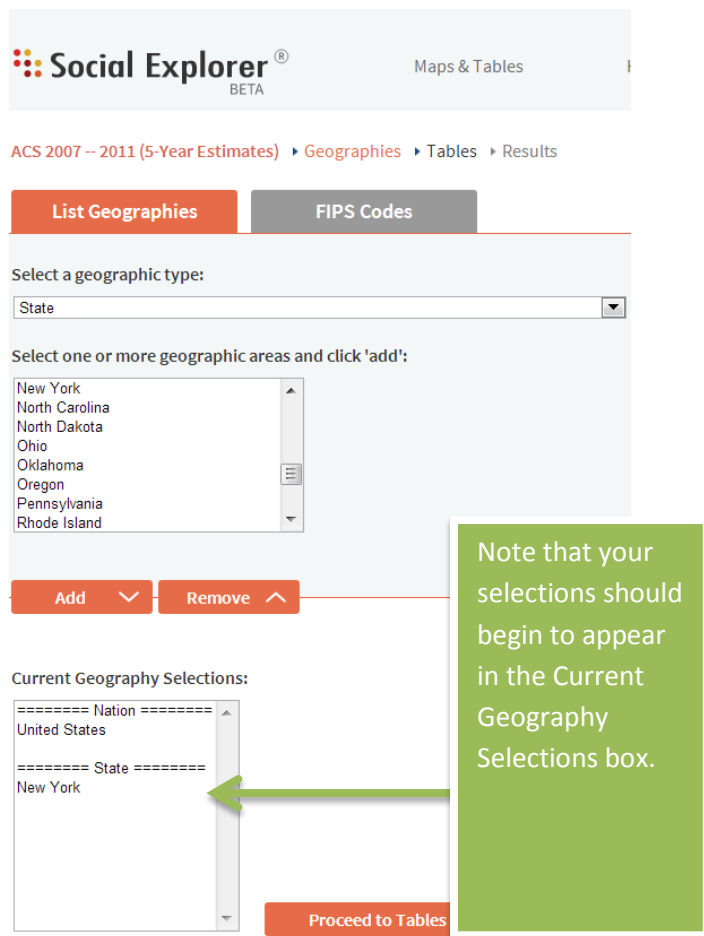
Current Geography Selections:
=====
United States

Proceed to Tables

Geographic Type: Nation

United States must be selected in gray

Click Add to enable selection



ACS 2007 -- 2011 (5-Year Estimates) | Geographies | Tables | Results

List Geographies | FIPS Codes

Select a geographic type:
State

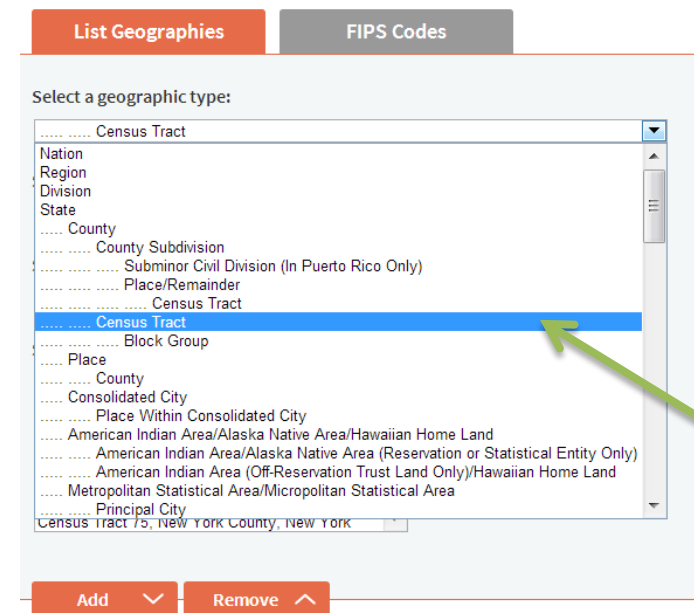
Select one or more geographic areas and click 'add':
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island

Add Remove

Current Geography Selections:
=====
United States
=====
State
New York

Proceed to Tables

Note that your selections should begin to appear in the Current Geography Selections box.



List Geographies | FIPS Codes

Select a geographic type:
..... Census Tract
Nation
Region
Division
State
..... County
..... County Subdivision
..... Subminor Civil Division (In Puerto Rico Only)
..... Place/Remainder
..... Census Tract
..... Census Tract
..... Block Group
..... Place
..... County
..... Consolidated City
..... Place Within Consolidated City
..... American Indian Area/Alaska Native Area/Hawaiian Home Land
..... American Indian Area/Alaska Native Area (Reservation or Statistical Entity Only)
..... American Indian Area (Off-Reservation Trust Land Only)/Hawaiian Home Land
..... Metropolitan Statistical Area/Micropolitan Statistical Area
..... Principal City
Census Tract 75, New York County, New York

Add Remove

7. Repeat above steps
8. Select geographic type: County
9. Choose your state
10. Choose & Add your county

Bronx = Bronx County
 Brooklyn = Kings County
 Manhattan = New York County
 Staten Island = Richmond County
 Queens = Queens County

11. Find your Census Tract and add this as the last geographic selection.
 Choose the 2nd listed Census Tract

List Geographies
FIPS Codes

Select a geographic type:

Select a State:

Select a County:

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

Census Tract 70, New York County, New York

Census Tract 71, New York County, New York

Census Tract 72, New York County, New York

Census Tract 73, New York County, New York

Census Tract 74, New York County, New York

Census Tract 75, New York County, New York

Census Tract 76, New York County, New York

Census Tract 77, New York County, New York

Add
Remove

Current Geography Selections:

==== Nation =====
 United States

==== State =====
 New York

==== County =====
 New York County, New York

==== Census Tract =====
 Census Tract 74, New York County, New York

Proceed to Tables

12. Select "Census Tract" for geographic type
 13. Select your State
 14. Select a County
 15. Select your Census Tract number (from Step 1)

Remember:
 Bronx = Bronx County
 Brooklyn = Kings County
 Manhattan = New York County
 Staten Island = Richmond County
 Queens = Queens County

16. Click "Add" to add your Census Tract
 Then
 17. Click "Proceed to Tables"

List Tables **Search by Keyword** **Premade Reports**

Select a dataset:
 Social Explorer Tables: ACS 2007 to 2011 (5-Year Estimates) ▼

Select one or more tables and click 'add':

T152. Cumulative Educational Attainment For Female Population 25 Years And Over
 T28. School Enrollment For The Population 3 Years And Over
 T29. Level Of School By Type Of School For Enrolled In School Population 3 Years And Over
 T30. School Dropout Rate For Population 16 To 19 Years
 T31. School Dropout Rate For Male Population 16 To 19 Years
 T32. School Dropout Rate For Female Population 16 To 19 Years
 T33. Employment Status For Total Population 16 Years And Over
 T34. Employment Status For Male Population 16 Years And Over
 T35. Employment Status For Female Population 16 Years And Over
 T36. Labor Force For Population 16 Years And Over
 T37. Employment/Unemployment Status For Civilian Population In Labor Force 16 Years And Over
 T38. Employment/Unemployment Status For Civilian Male Population

Abbreviations: AIAN - American Indian and Alaska Native; NHPI - Native Hawaiian and Other Pacific Islander

Add ▼ **Remove** ▲

Current Table Selections:

==== Social Explorer Tables: ACS 2007 to 2011 (5-Year Estimates) =====
 T13. Race
 T2. Population Density (per sq. mile)
 T1. Total Population

18. Select the default dataset:
 Social Explorer Tables

19. Choose and “Add” all of the following tables:

- T1 Total Population
- T2 Population Density
- T13 Race
- T21 Household size
- T25 Educational Attainment for Population
- T150 Cumulative Educational Attainment
- T61 Median Family Income
- T62 Average Family Income
- T133 Nativity by Citizenship Status

After all tables are added,
 20. Click, “Show results”

Show results >

Export your report to an Excel file by clicking the Excel tab below:

ACS 2007 -- 2011 (5-Year Estimates) ▶ Geographies ▶ Tables ▶ Results

Report
Excel
Data Download

Adjust \$ values for inflation to: None ▼

Statistics	United States	New York	New York County, New York	Census Tract 74, New York County, New York
SE:T1. Total Population				
Total Population	306,603,772	19,302,448	1,588,257	4,389
SE:T2. Population Density (per sq. mile)				
Total Population	306,603,772	19,302,448	1,588,257	4,389
Population Density (per sq. mile)	86.8	409.6	69,572.9	65,298.3
Area (Land)	3,531,905.35	47,126.40	22.83	0.07
SE:T13. Race				
Total Population:	306,603,772	19,302,448	1,588,257	4,389
White Alone	227,167,013 74.1%	12,768,805 66.2%	896,499 56.5%	3,390 77.2%
Black or African American Alone	38,395,857 12.5%	3,013,740 15.6%	246,752 15.5%	105 2.4%
American Indian and Alaska Native Alone	2,502,653 0.8%	67,766 0.4%	5,421 0.3%	0 0%
Asian Alone	14,497,185 4.7%	1,415,147 7.3%	176,594 11.1%	662 15.1%
Native Hawaiian and Other Pacific Islander Alone	500,592 0.2%	6,706 0%	449 0%	0 0%
Some Other Race Alone	15,723,818 5.1%	1,588,617 8.2%	203,656 12.8%	26 0.6%
Two or More races	7,816,654 2.6%	441,667 2.3%	58,886 3.7%	206 4.7%
SE:T21. Average Household Size				
Average Household Size	2.6	2.6	2.1	1.8
SE:T25. Educational Attainment For Population 25 Years And Over				
Population 25 Years and over:	202,048,123	12,999,473	1,173,112	3,248
Less Than High School	29,518,935 14.6%	1,995,525 15.4%	175,539 15.0%	22 0.7%
High School Graduate (includes equivalency)	57,861,283 28.6%	3,612,232 27.8%	151,336 12.9%	150 4.6%
Some college	57,694,281 28.6%	3,168,209 24.4%	169,399 14.4%	279 8.6%
Bachelor's degree	35,852,277 17.7%	2,404,491 18.5%	351,662 30.0%	1,300 40.0%
Master's degree	14,773,958 7.3%	1,293,648 10.0%	200,881 17.1%	850 26.2%
Professional school degree	3,948,627 2.0%	355,038 2.7%	85,953 7.3%	426 13.1%
Doctorate degree	2,398,762 1.2%	170,330 1.3%	38,342 3.3%	221 6.8%
SE:T150. Cumulative Educational Attainment For Population 25 Years And Over				
Population 25 Years and over:	202,048,123	12,999,473	1,173,112	3,248
Less Than High School	29,518,935 14.6%	1,995,525 15.4%	175,539 15.0%	22 0.7%
High School Graduate or more (includes equivalency)	172,529,188 85.4%	11,003,948 84.7%	997,573 85.0%	3,226 99.3%
Some college or more	114,667,905 56.8%	7,391,716 56.9%	846,237 72.1%	3,076 94.7%
Bachelor's degree or more	56,973,624 28.2%	4,223,507 32.5%	676,838 57.7%	2,797 86.1%
Master's degree or more	21,121,347 10.5%	1,819,016 14.0%	325,176 27.7%	1,497 46.1%
Professional school degree or more	6,347,389 3.1%	525,368 4.0%	124,295 10.6%	647 19.9%
Doctorate degree	2,398,762 1.2%	170,330 1.3%	38,342 3.3%	221 6.8%
SE:T61 Median Family Income (In 2011 Inflation Adjusted Dollars)				

21. Export the chart by clicking the "Excel" tab

A completed table should have National, State, Borough, and Census Tract columns

Keep settings at default.

Choose the version of Excel that you have available to you through your computer. When clicking the appropriate version, a file will download into your default downloads folder.

Download Microsoft Excel:



Excel 2007 (.xlsx)

XLSX 2007



Excel 2003 (.xls)

XLS 2003



Excel 2000 (.xls)

XLS 2000



Excel '97 (.xls)

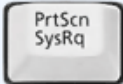
XLS 97

Print the excel file for your packet to complete this portion of your assignment.

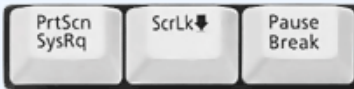
Appendix

FAQs on How to Screenshot on a PC.

How do I take a screenshot?

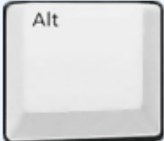
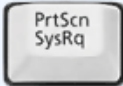
press  = Windows captures the entire **screen** and copies it to the **clipboard**.

Where can I find that key?

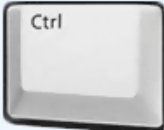



Look for this group of keys at the **upper right** of your keyboard. Note: **Print Screen** (PrtScn) might have been abbreviated differently on your keyboard.

How do I take a screenshot of a single window?

hold down  and press  = Windows captures only the currently active **window** and copies it to the **clipboard**.

I guess it's in the clipboard now. How can I paste it into a document or something?


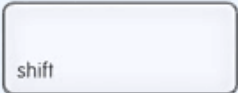

hold down  and press  = Windows pastes the screenshot (that is in the **clipboard**) into a document or image you are currently editing.

Then paste into your word document.


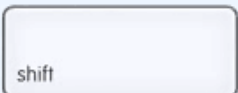

For more information: take-a-screenshot.org

FAQs on How to Screenshot on a MAC


How to take a screenshot on a Mac

hold down  and  and press  = Mac OS X captures the entire **screen** and saves it as a **file** on the desktop. The file name will look like "Screen shot 2013-07-02 at 08.45.00 AM.png".



How do I take a partial screenshot?

hold down  and  and press  = Use your mouse to draw a **rectangle** in order to specify what to capture – **or** press the **spacebar** and then click on something (e.g. a **window**) to capture it. Mac OS X then saves it as a **file** on the desktop. The file name will look like "Screen shot 2013-07-02 at 08.45.00 AM.png".

I don't need a file. How can I have a screenshot in the clipboard instead?

hold down  together with any of the combinations above = Mac OS X takes a screenshot and copies it to the **clipboard** (instead of saving it as a file).

I guess it's in the clipboard now. How can I paste it into a document or something?

hold down  and press  = Mac OS X pastes the screenshot (that is in the **clipboard**) into a document or image you are currently editing.

Then paste into your word document.

For more information: take-a-screenshot.org