

# CS506 Deliverable 0

## ABSTRACT:

For this project, our group narrows down our topic to demographic analysis of Asian Americans across the country. We plan to study datasets on attributes like age, sex, and racial composition of a population and how it has changed over time through the basic demographic processes of birth, death, and migration.

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## ORGANIZATION:

Boston Chinatown Neighborhood Center (BCNC)

Spark! BU

## TEAM MEMBERS:

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## MEETING TIME:

Group Discussion:

Monday, 6:00pm in person

Friday, 5:30pm over Zoom

Weekly with PM:

Friday, 4:00pm over Zoom

Bi-weekly with clients:

Friday, 4:00pm over Zoom

## PROJECT GOAL:

We would like to research the features that shows the different characteristics of Asian Americans in the country. We try to show the trend of

- Analyze data and create trends about the Asian demographic over the span of 10 years and look at characteristics that might affect their choice in living in different regions in America
- Analyze the percentage of new immigrants, first and second generation Asians to display the concentration in that region.
- Analyze where there are highly populated cities because we believe that many Asians tend to adapt in cities where there is a likelihood of job opportunities.

## DATASETS:

We found these datasets and uploaded them onto our repository folder “datasets” for later use.

- Census race survey(2010&2020)

*File name:* DECENNIALPL2020 & DECENNIALPLNAT2010

*Link:*

<https://data.census.gov/cedsci/table?q=United%20States&tid=DECENNIALPLNAT2010.P1>

*Description:* Total population of each race in the United States and Massachusetts. Can be used to calculate the population change within the last ten years.

- Comparative Demographic Estimates

*Link:*

<https://data.census.gov/cedsci/table?d=ACS%201-Year%20Estimates%20Comparison%20Profiles&tid=ACSCPIY2017.CP05>

[https://data.census.gov/cedsci/map?d=ACS%201-Year%20Estimates%20Comparison%20Profiles&tid=ACSCPIY2019.CP05&vintage=2019&cid=CP05\\_2015\\_001E](https://data.census.gov/cedsci/map?d=ACS%201-Year%20Estimates%20Comparison%20Profiles&tid=ACSCPIY2019.CP05&vintage=2019&cid=CP05_2015_001E)

*Description:* Compared data from the American Community Survey in the previous 10 years.

- Comparing Poverty Status and language spoken at home

*Link:*

<https://data.census.gov/cedsci/table?q=United%20States&t=Income%20and%20Poverty%3ALanguage%20Spoken%20at%20Home%3APopulations%20and%20People&tid=ACSDT1Y2010.B16009>

*Description:* Comparing data of poverty status and language spoken at home for different ethnicities

## LIMITATION & RISK:

- Since Census data was collected every 10 years, the time span of the data set will be too large to reflect a clear trend.

- Only compared race data in general. No subdivision data for two or more races.
- The data is too broad. We are unable to see trends in specific cities where there may be a highly populated asian population or concentrated areas in the country where there are a lot
- There might be no enough information to show the trend in the datasets, or the data points can be distributed too sparsely to generate a conclusive result.

## REFERENCES:

### **IMPACT METRWEST**

<https://www.impactmw.org/>

### **AAPI Data:**

<https://aapidata.com/policy/education/>

### **Census Information**

<https://www.census.gov/prod/www/decennial.html>

### **Pew Research Center**

<https://www.pewresearch.org/fact-tank/2021/04/29/key-facts-about-asian-americans/>