

Capstone Project – The battle of Neighborhoods (Part-1)

2. A description of the data and how it will be used to solve the problem.

Chicago's demographics show that it is a large and ethnically diverse metropolis. It is the third largest city and metropolitan area in the United States by population, and the city was home to over 2.6 million people in 2019, accounting for over 25% of the population in the Chicago metropolitan area; home to approximately 9.4 million. The racial makeup of the city in 2010 was 45.3% white (31.7% non-Hispanic white), 32% black, 5% Asian, and 3% from two or more races. The ethnic makeup of the population is 28% Hispanic and 72% belong to non Hispanic background. English is the primary language of the city, and Christianity accounts as the predominant faith.

During its first century as a city, Chicago grew at a rate that ranked among the fastest growing in the world. Within the span of forty years, the city's population grew from slightly under 30,000 to over 1 million by 1890. By the close of the 19th century, Chicago was the fifth largest city in the world.[1] Within fifty years of the Great Chicago Fire of 1871, the population had tripled to over 3 million.[2] The city's population peaked in the 1950's, and since the 1960's it has been in decline.

PEOPLE	
Population	
Population estimates, July 1, 2019, (V2019)	2,693,976
Population estimates base, April 1, 2010, (V2019)	2,695,652
Population, percent change - April 1, 2010 (estimates base) to July 1, 2019, (V2019)	-0.1%
Population, Census, April 1, 2020	X
Population, Census, April 1, 2010	2,695,598
Age and Sex	
Persons under 5 years, percent	6.3%
Persons under 18 years, percent	20.9%
Persons 65 years and over, percent	12.4%
Female persons, percent	51.4%
Race and Hispanic Origin	
White alone, percent	50.0%
Black or African American alone, percent (a)	29.6%
American Indian and Alaska Native alone, percent (a)	0.3%
Asian alone, percent (a)	6.6%
Native Hawaiian and Other Pacific Islander alone, percent (a)	0.0%
Two or More Races, percent	2.8%
Hispanic or Latino, percent (b)	28.8%
White alone, not Hispanic or Latino, percent	33.3%
Population Characteristics	
Veterans, 2015-2019	67,539
Foreign born persons, percent, 2015-2019	20.6%

Dataset include

1. Population information dataset (Government dataset)
[Datasets - CKAN](#)
2. Location information (Foursquare)
3. Competitor Information (Foursquare)
4. Chicago GDP [U.S. Census Bureau QuickFacts: Chicago city, Illinois](#)
[CFNAI Historical \(Real-time\) Data - Federal Reserve Bank of Chicago \(chicagofed.org\)](#)