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 SOCI 564 Community Planning, Housing and Development
 Portfolio Assignment: Census Analysis
 February 18, 2020

Section One: Identify the questions that you asked and why they are important

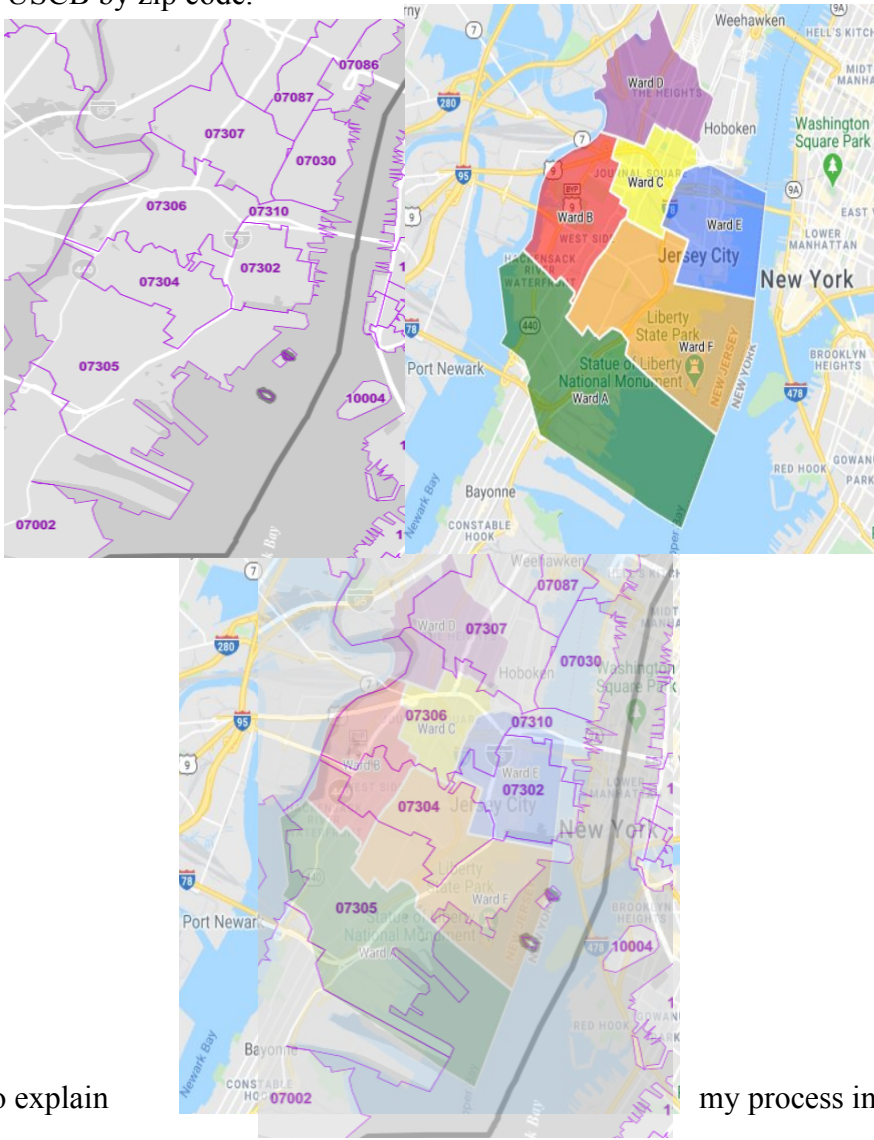
What is Jersey City like? Jersey City (JC) is a city a part of Hudson County. It is divided into six Wards named in order (A, B, C, D, E, F): Greenville, West Side, Journal Square, Heights, Downtown, and Bergen-Lafayette. What makes this city special is the transportation system called Port Authority Trans Hudson (PATH); informally known as 'the path'. In just ten minutes someone can take the PATH to the World Trade Center Transportation Hub and in twenty minutes someone could take the PATH to West 33rd Street. According to the U.S. Census data the population of JC rose 15% from 2010 to 2018.

Geography	April 1, 2010		Population Estimate (as of July 1)								
	Census	Estimates Base	2010	2011	2012	2013	2014	2015	2016	2017	2018
Jersey City city, New Jersey	247,597	247,639	248,363	252,910	256,148	257,243	258,794	260,332	260,626	263,401	265,549

According to WalletHub's annual diversity ranking JC had won the title 'most diverse city' in the country two years in a row. Although JC relishes in their title of diversity, depending on which one of the six wards a visitor might travel to will determine the type of diversification they experience. There are wards in JC with elevated crime rates and higher concentrations of residents defined as being 'people of color'. When considering ethnicity, race, birthplace, and language JC ranks high on the 'ethnic diversity score'. According to the United States Census, the New Jersey White alone percentage is 72%. In Jersey City the White alone percentage is 35%. The demographics of JC show that it is a diverse area but is diversity shown across the wards in JC? One of the determinants WalletHub's annual diversity ranking considers is 'place of birth'. Shown in the chart below almost forty-two percent of JC residents are foreign born.

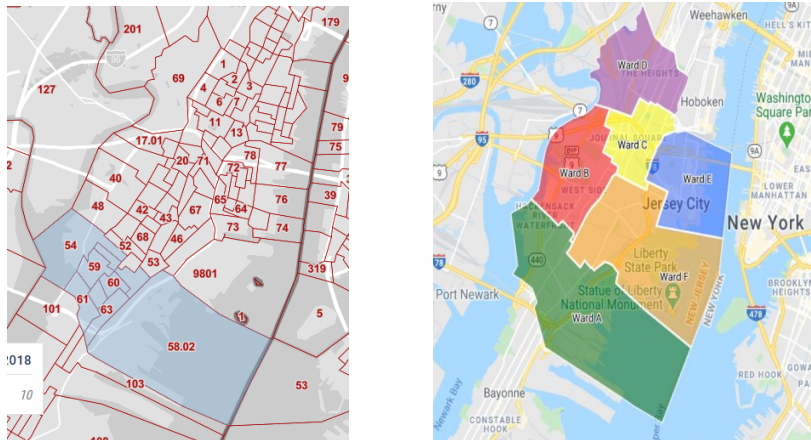
Subject	Jersey City city, New Jersey			
	Estimate	Margin of Error	Percent	Percent Margin of Error
PLACE OF BIRTH				
Total population	265,932	+/-65	265,932	(X)
Native	154,988	+/-2,221	58.3%	+/-0.8
Born in United States	144,530	+/-2,106	54.3%	+/-0.8
State of residence	94,090	+/-2,010	35.4%	+/-0.8
Different state	50,440	+/-1,528	19.0%	+/-0.6
Born in Puerto Rico, U.S. Island areas, or born abroad to American parent(s)	10,458	+/-831	3.9%	+/-0.3
Foreign born	110,944	+/-2,216	41.7%	+/-0.8

The JC website provides different datasets on demographics separating the residents by wards. The resources provided by United States Census Bureau (USCB) did not have an option to analyze the population according to wards. First, I attempted to separate the wards using the data from USCB by zip code.



shown pictures after snipping the left map separated by zip code provided by USCB and comparing it to the right map of JC separated by wards I decided that zip code would not represent the wards as accurately as Census Tracts. The image shown below the two maps might help explain why I chose to measure wards in JC using Census Tracts rather than zip codes. After making the zip code map slightly transparent and overlapping it on the map separated by wards it is shown that some zip codes run into multiple wards. For example, zip code 07305 is in both ward A and ward F.

Alternatively, I decided to use the USCB data to gather information about JC residents by separating the wards using Census Tracts. An example of this process is shown below. I used the map divided by wards as a guide to select which Census Tract is appropriate to each ward. The example below shows how I selected the Census Tracts that were in ward A. I did this process for each ward.



Ward A Census Tracts: 54, 58.02, 59, 60, 61, 62, 63,

Ward B Census Tracts: 40, 41, 42, 43, 52, 53, 67,

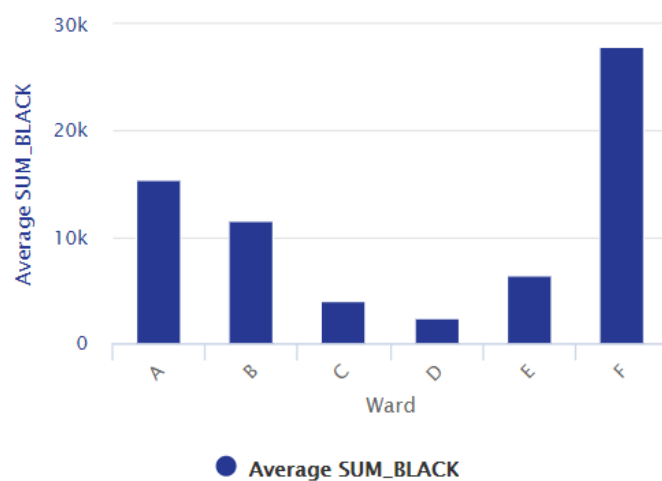
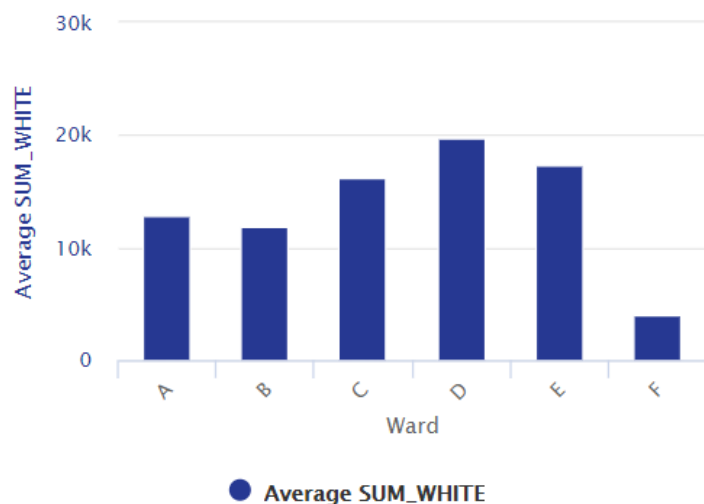
Ward C Census Tracts: 17.01, 20, 9.02.

Ward D Census Tracts: 2, 3, 4, 5, 6, 7, 69, 149

Ward E Census Tracts: 14, 70, 71, 72, 76, 77, 78, 187.01, 188, 189, 190, 192, 193

Ward F Census Tracts: 31, 43, 44, 45, 46, 47, 64, 65, 66, 67, 68, 73, 74, 75, 9801

According to the Jersey City Ward and Councilperson Map on the JC website the graphs below show that Black residents are concentrated in ward F. Does the USCB data support what is shown in these bar graphs? Are there high percentages of Black residents in ward F according to the USCB?



First, I combined the Census Tracts

that I decided were in ward F to see if numbers of black residents were significantly high as the graphs above indicated. I calculated the total number of residents in these selected tracts and the number was 45,073. Based on how I defined ward F using the Census Tracts provided by USCB approximately 5.8% of JC residents live in ward F. Next, I analyzed the number of Black residents who lived in each Census Tracts within ward F. There was a total of thirteen Census Tracts I used to analyze the concentration of Black residents in ward F. In the Census Tracts I selected many of the Black residents representing this ward were heavily concentrated in Census Tracts 43, 44, 45, 67, and 68. There were a total of 12,359 Black residents in ward F. 74% of those Black residents lived in the Census Tracts I listed before.

The USCB data shows that there are high concentrations of Black residents living in ward F, specifically in the Census Tracts 43, 44, 45, 67, and 68. In conclusion, there are certain Census Tracts shown in data provided by USCB that show a concentrated number of Black residents. Specifically, in Census Tracts 44 and 68 the number of black residents exceeds 50%. In my future assignments I will use this data from the USCB to try to determine more white affluent Census Tracts in wards C, D, and E. I will then do a comparison analysis on the types of non-profits running in more white affluent Census Tracts compared to the Census Tracts with high numbers of Black residents, specifically in Census Tracts 43, 44, 45, 67, and 68.