

Hidden Curriculum Assignment

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Spring 2022

1 The First Section

Below is a brief analysis of incarceration status by race in the year 2002. Data is collected from the NLSY97 website.

To set up this analysis, I began by checking to see if an individual was incarcerated for at least one month in 2002. I then counted how many individuals were incarcerated, grouped by race and gender.

2 Plot 1

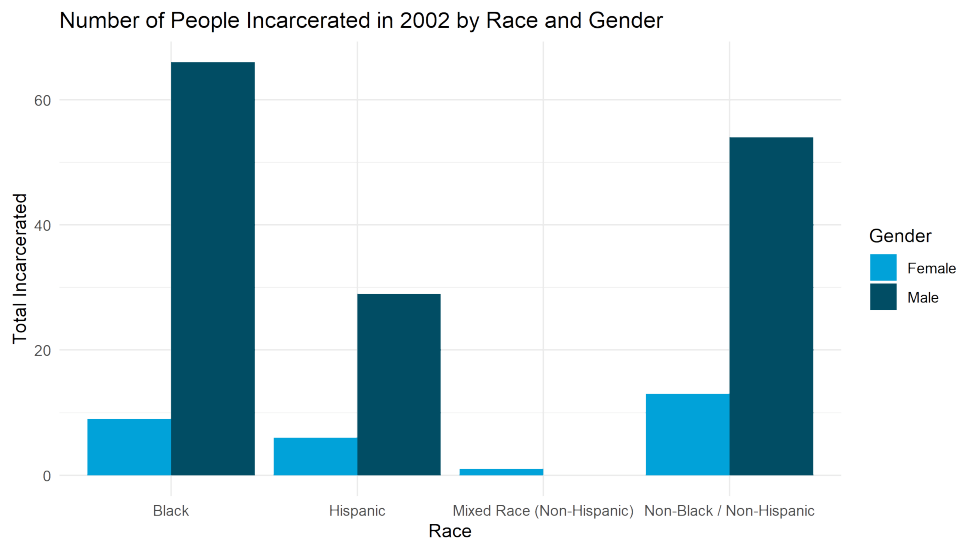


Figure 1: People Incarcerated in 2002 by Race and Gender

The plot above gives us a look into how many people were incarcerated in 2002 by their race and gender.

We can see that the males made up a vast majority of the incarcerated population in 2002. Furthermore, black americans were incarcerated more than any other race.

3 Tables

The table below helps us see, more specifically, the total number of incarcerated people by race.

Table 1: Total People Incarcerated in 2002 by Race and Gender

Gender	Black	Hispanic	Mixed Race Non Hispanic	Non Black Non Hispanic
Female	9	6	1	13
Male	66	29	0	54

To help further our analysis, a regression can be run to see how one's race impacts their chances of being incarcerated.

Table 2: Regression Output. Omitted category is Black Females.

	<i>Dependent variable:</i>
	Was Incarcerated in 2002
Hispanic	−0.015*** (0.005)
Mixed Race (Non-Hispanic)	−0.021 (0.013)
Non-Black / Non-Hispanic	−0.019*** (0.004)
Male	0.028*** (0.003)
Constant	0.020*** (0.003)
Observations	8,621
R ²	0.012
Adjusted R ²	0.012
Residual Std. Error	0.141 (df = 8616)
F Statistic	27.193*** (df = 4; 8616)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Nested in our constant are the variables "Black" and "female," so we can see that, when using this as our baseline, other races have slightly diminished odds of being incarcerated. Additionally, the being a male significantly increases one's odds of being incarcerated.

It is important to note that these variables do not clearly indicate that one will have greater chances of being incarcerated based on the demographic traits laid out above. Rather, it reflects the current chance that, given a random individual in this dataset, that they will have been incarcerated in 2002.