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Introduction + Summary Information

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## [1] 91.81734
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## [1] 127.2046
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## [1] "New York County"
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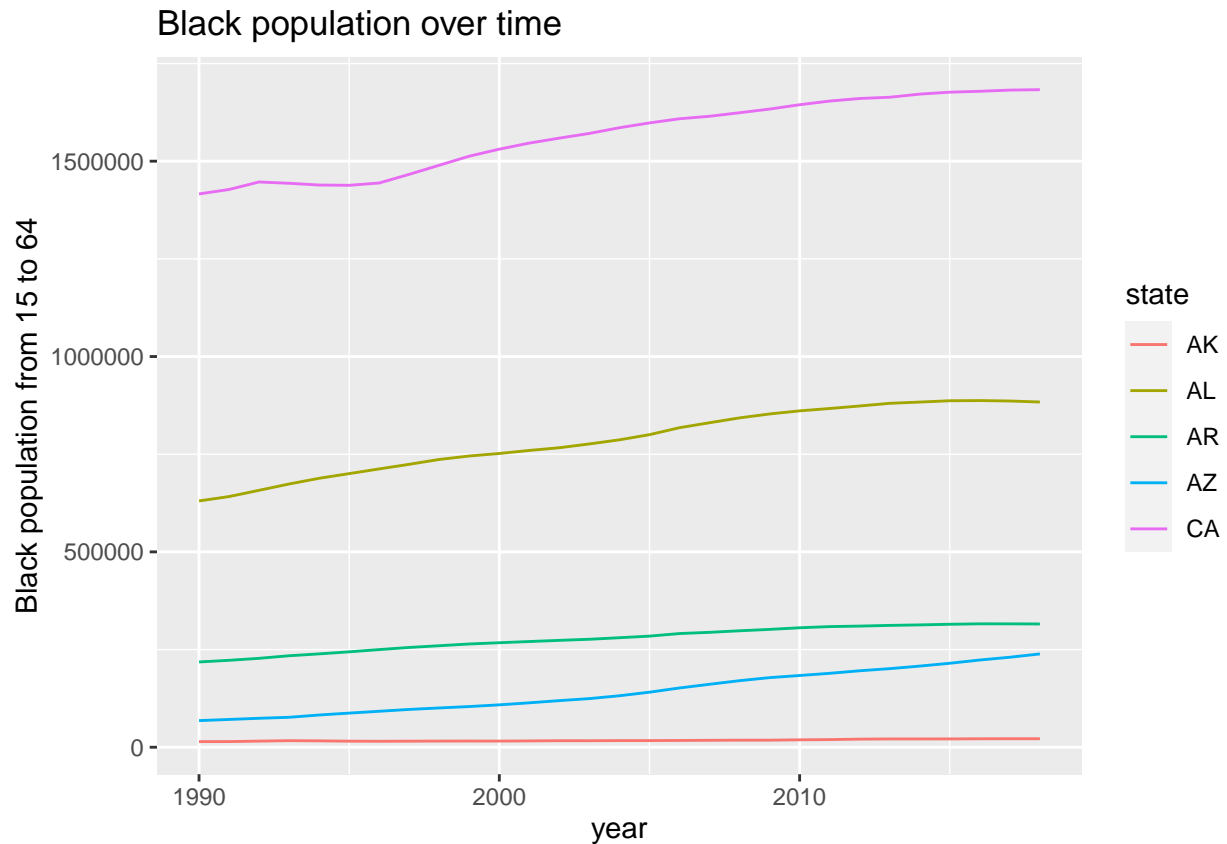
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## [1] "Hoonah-Angoon Census Area"
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## [1] -78040
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df_trends holds data from the Death in Custody Reporting Program that is used to find the prison population and the prison admission. Each data takes in yearly estimates. Also, population and admission splits into gender and race. In addition the population splits into age categories df_jurisdiction holds data from the Annual Survey of Jails and Census of Jails. Each data takes in yearly estimates. Also, population and admission splits into gender and race.

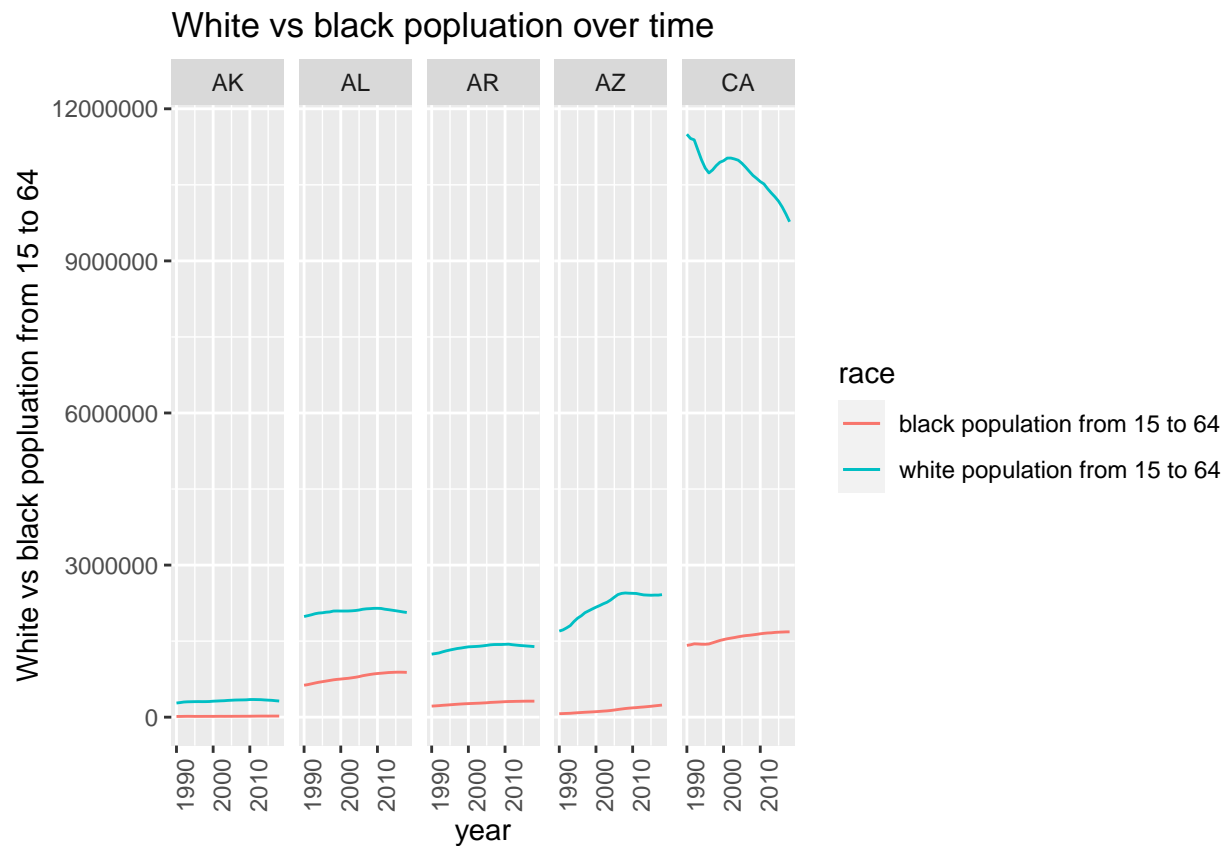
recent_avg_black_jail_pop shows the average value of black jail population across all the counties for 2018 is 91.81734 recent_avg_white_jail_pop shows the average value of black jail population across all the counties for 2018 is 127.2046 It shows that in 2018 the average number of whites in the jail is higher than the number of blacks in the jail by 35.38726 county_with_highest_black_pop_15to64 shows the county with the highest population of black people between the age of 15 and 64 that is New York County county_with_highest_white_pop_15to64 shows the county with the highest population of white people between the age of 15 and 64 that is Hoonah-Angoon Census Area This analysis helps to understand where what are the major counties where 2 races live change_In_black_pop shows change of black people people between the age of 15 and 64 in New York County starting from 2000 and until 2018. The result is -78040. It shows that the population of black people significantly decreased from 2000 to 2018

Trends Over Time Chart



Sorting data by the most populated states in 2018 where black people ages from 15 to 64 live I was interested to see the patterns how the population changes over time. Alaska shows stable results in the population of black people from 1990 to 2018. There is significant increase in black population in Arizona from 2005 until 2018. The increase is approximately from 125,000 to 250,000. Looking at Arkansas we can see a stable moderate increase in population from 230,000 to 270,000. Alabama shows a significant increase starting from 1990 and until 2018. The population increased from 600,000 to 850,000. California also shows significant increase from 1,350,000 to 1,700,000. This trend is important to consider to see the future potential changes in black population.

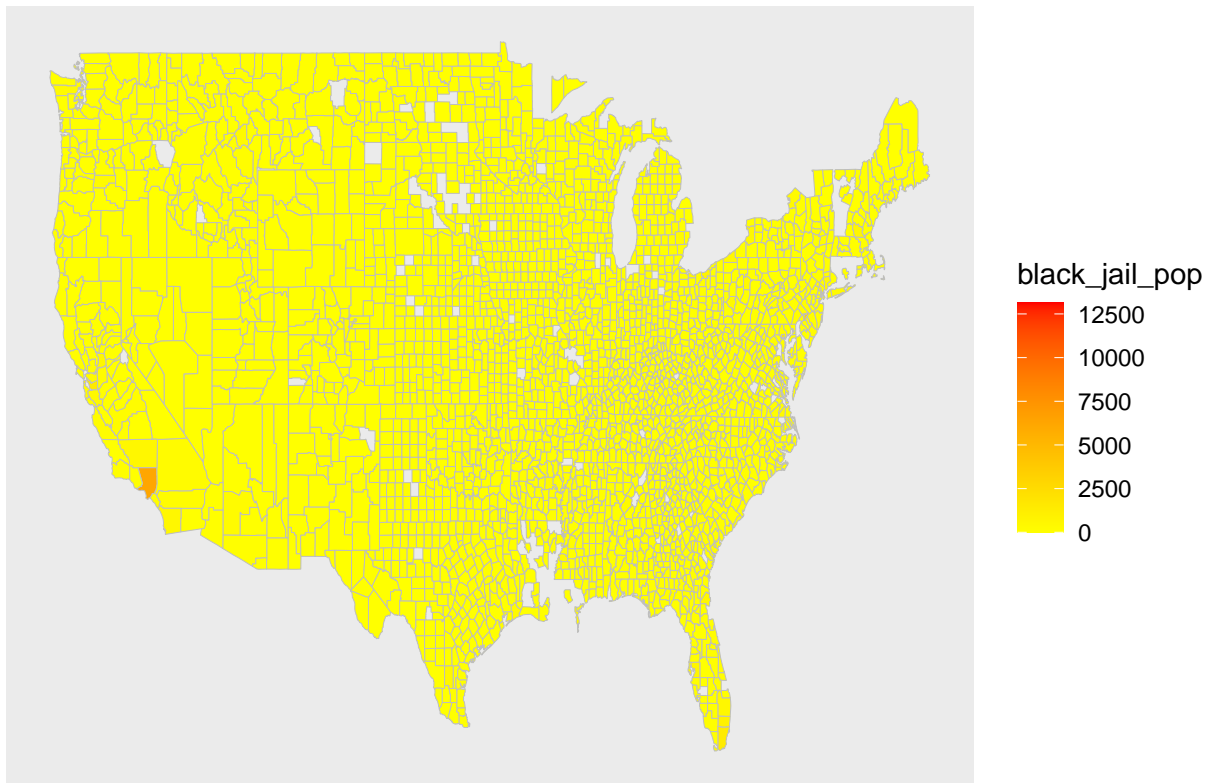
Variable comparison chart



I used this chart to see the difference in population over time for races in the most populate states in 2018. Alaska shows stable results from 1990 to 2018 for both race. Alabama shows an increase in population of black people from 600000 to 850000, while there is a slight decrease in population of white people from 220000 to 200000. Arizona shows slight increase in black population but it is not very sufficient, white population shows a slight decrease but it is also not very sufficient. Arizona shows moderate increase in black population from 125000 to 250000, while white populate shows significant increase from 1500000 to 2000000 points. California shows an increase from 1350000 to 1700000, while white population drops from 12000000 to 10000000. This graph is important to consider for future changes in races and the possibility to compare both race populations.

Map

Black jail population in the United States



I included this graph to compare black jail incarceration rate across the United states. The main purpose was to find what county has the highest number of black people that are in the jail. The result shows that Los Angeles, California has the highest number of black people that are in the jail. It shows that the approximate number is between 5000 and 7500 Another very high results show Miami Florida has around 2500 - 5000 black colored people in the jail