

Crime analysis: USA FBI 2020 Data

Demographics

Hate Crimes

Conclusions

Total Incidents:



7.92M

Total Victims



8.98M

Arrest rate per 100k
population:



655.0

Total Arrests



2.19M

Violent crime %



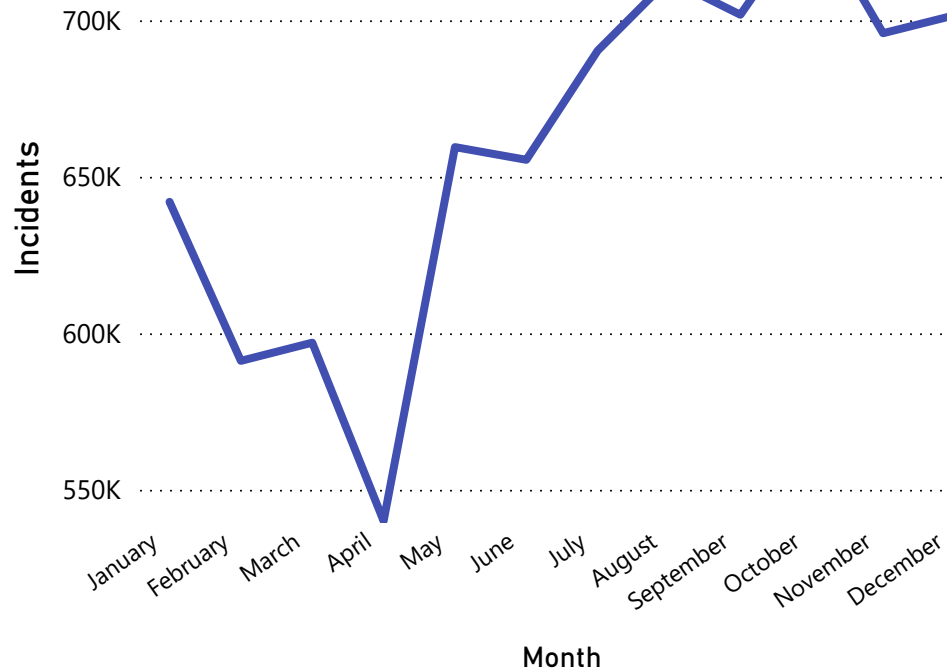
24%

Incidents by Month

Quarter

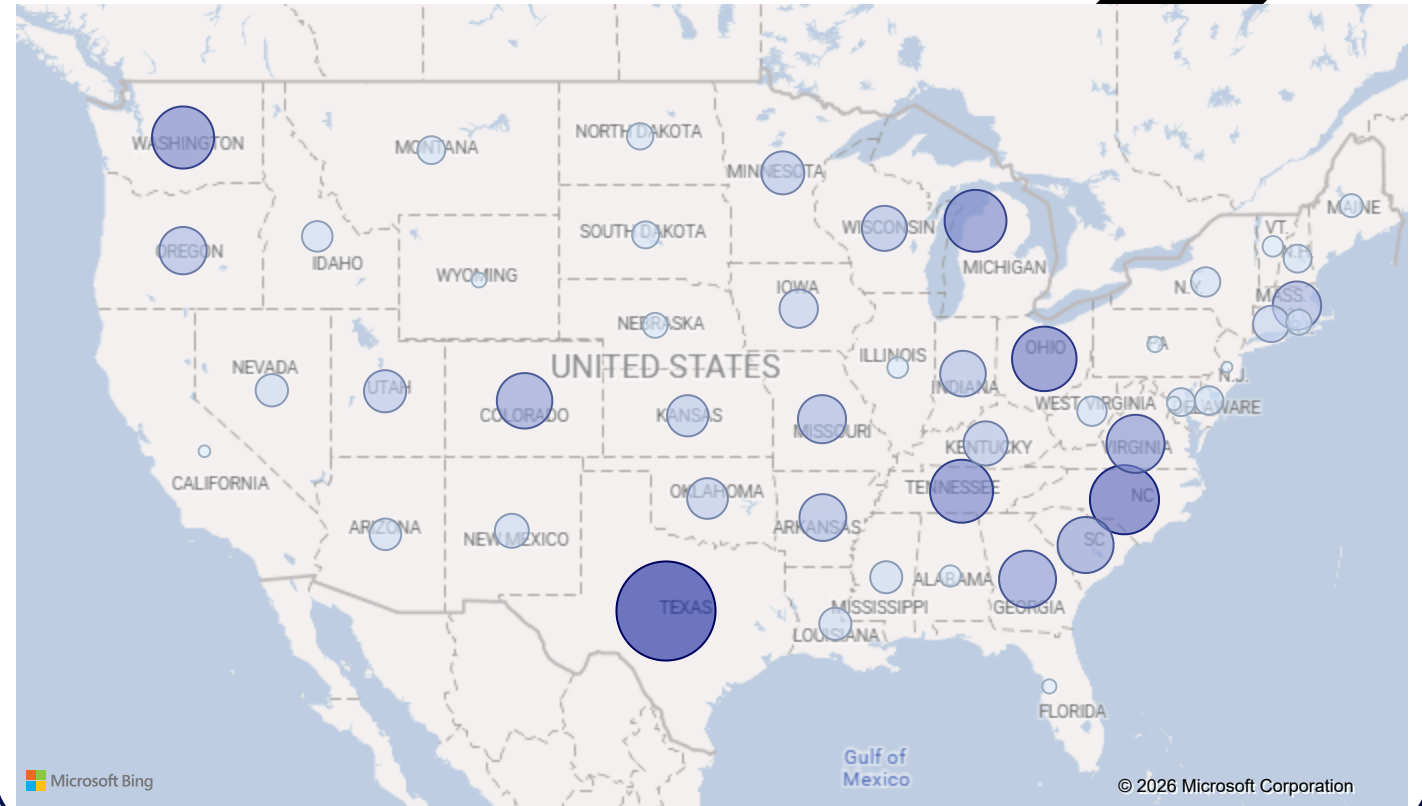
Month

Week Day



Incidents by State

Details



Home

Pay attention: American Indian/Alaskan Native and Asian/Pacific Islander races are not included in the graph below due to small values and a known PBI bug.

% Male Arrestees



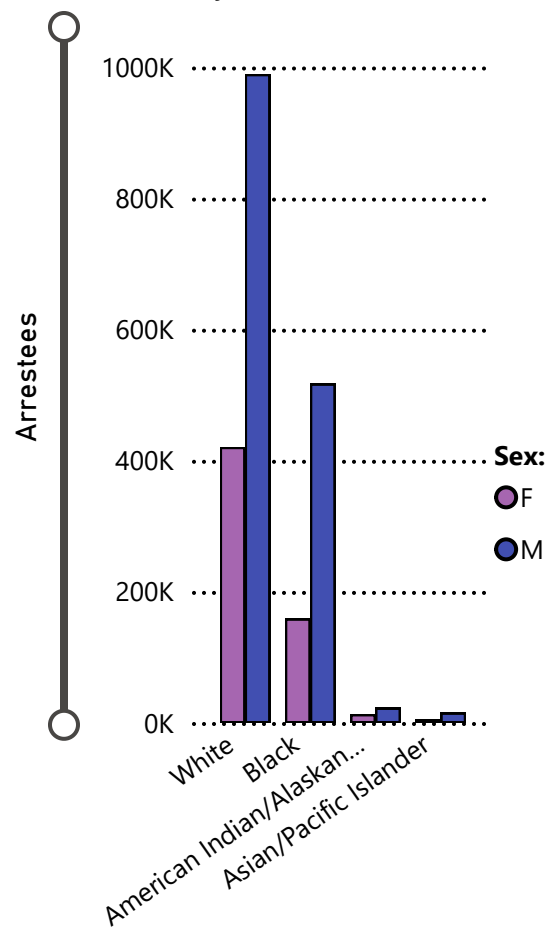
72%

Most Criminal Age Group (20-29) Arrests

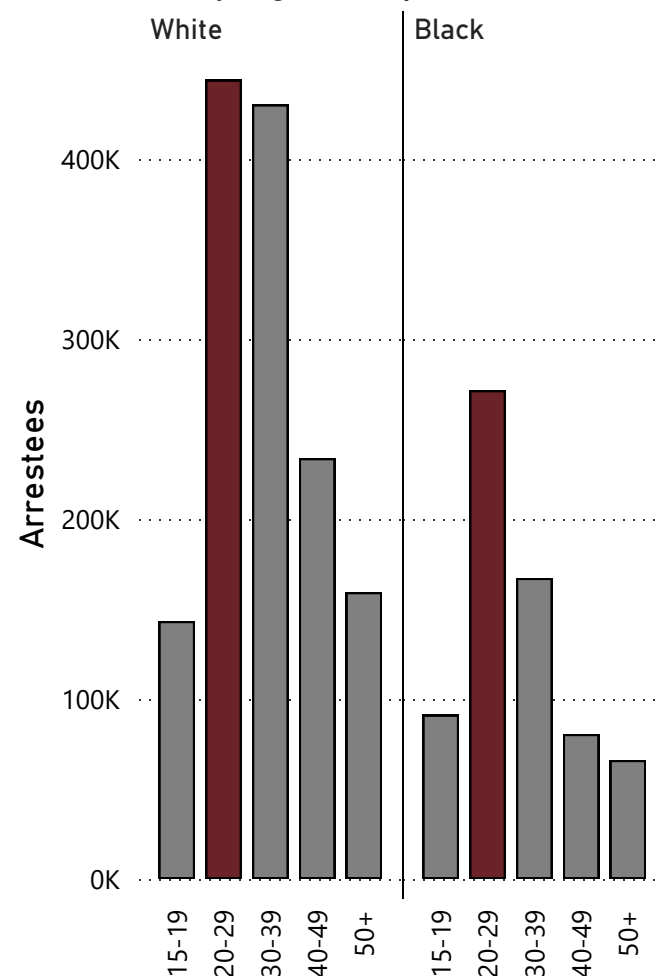


754K

Arrestees by Race and Sex



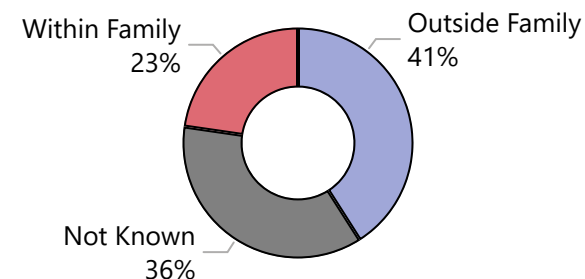
Arrestees by Age Group and Race



Victims Section

Population-adjusted analysis

Victim Was Known to Offender



Victimization Rate per 100k

SOS

2.7K

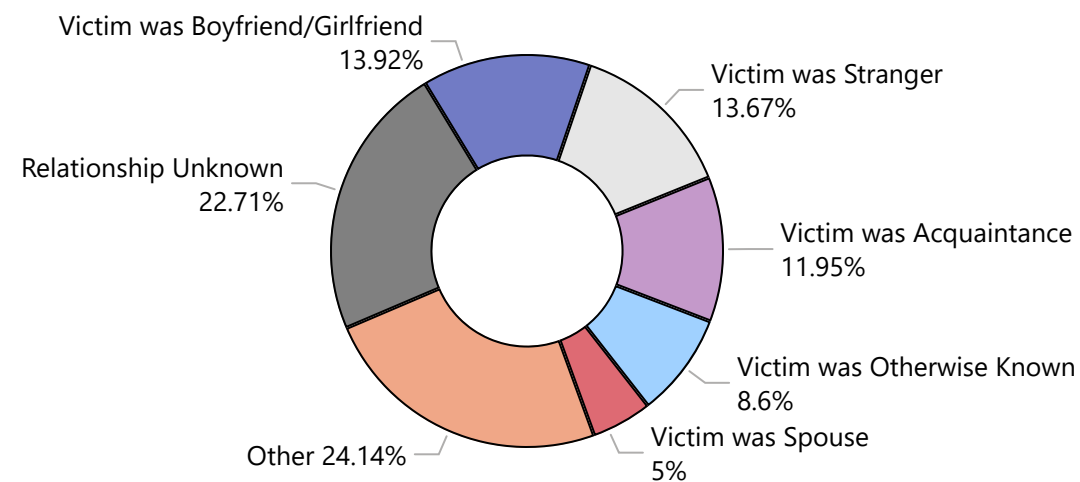
Victims by Sex

Female
3258244

Male
3139318

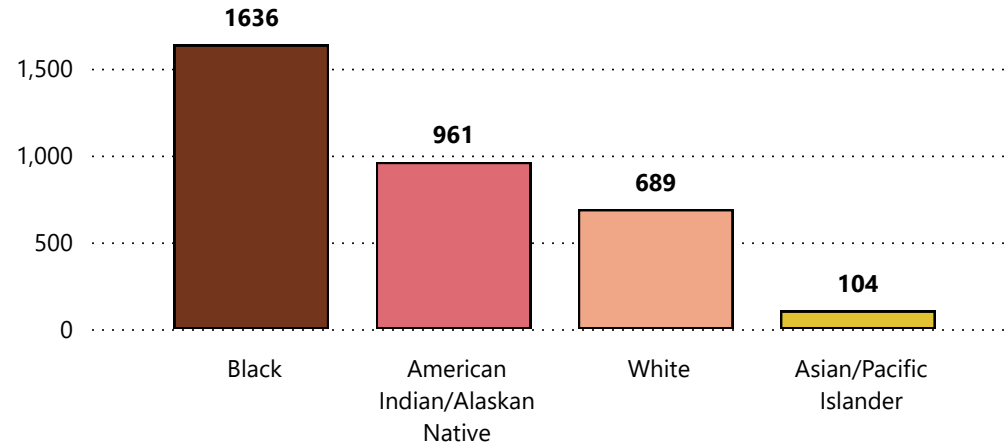
Most offenders were known to the victim, particularly acquaintances and intimate partners.

Offender's Relationship With Victim

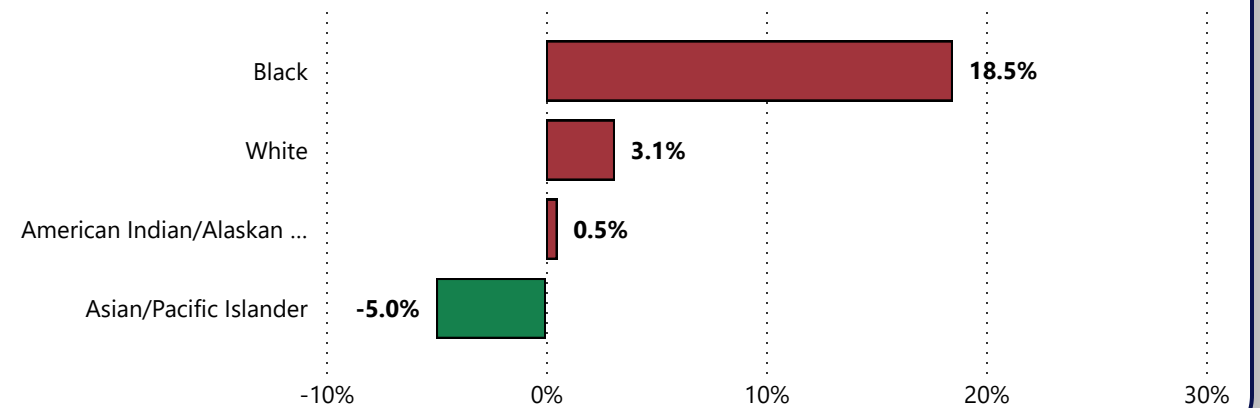


Representation is a difference between **arrest share (%)** versus **population share (%)**, where share is a selected group ratio towards the whole. Positive representation means **over-representation**, negative - **under-representation**.

Arrest Rate per 100k population



Arrestees Race Representation

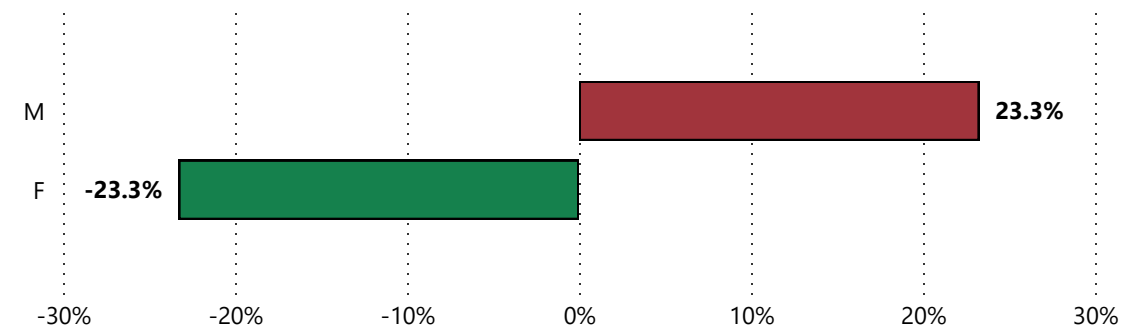


...but so are **male people** (the difference is even slightly bigger)...

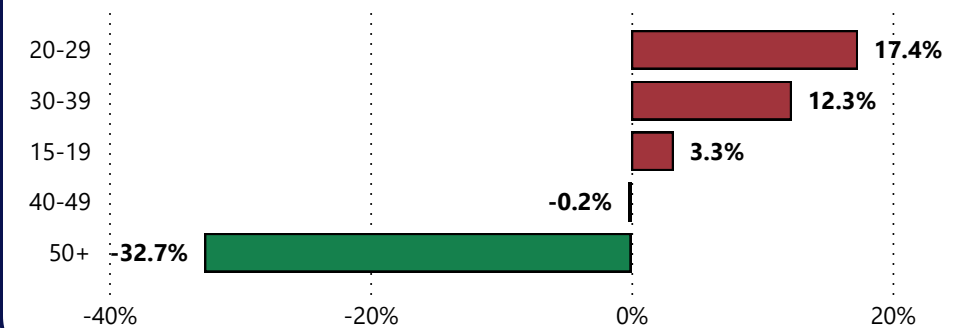
The graph above shows that **black race people over-represent arrestees**, which is almost 20% less proportional to population share...

...and **young people** too.

Arrestees Sex Representation



Arrestees Age Group Representation



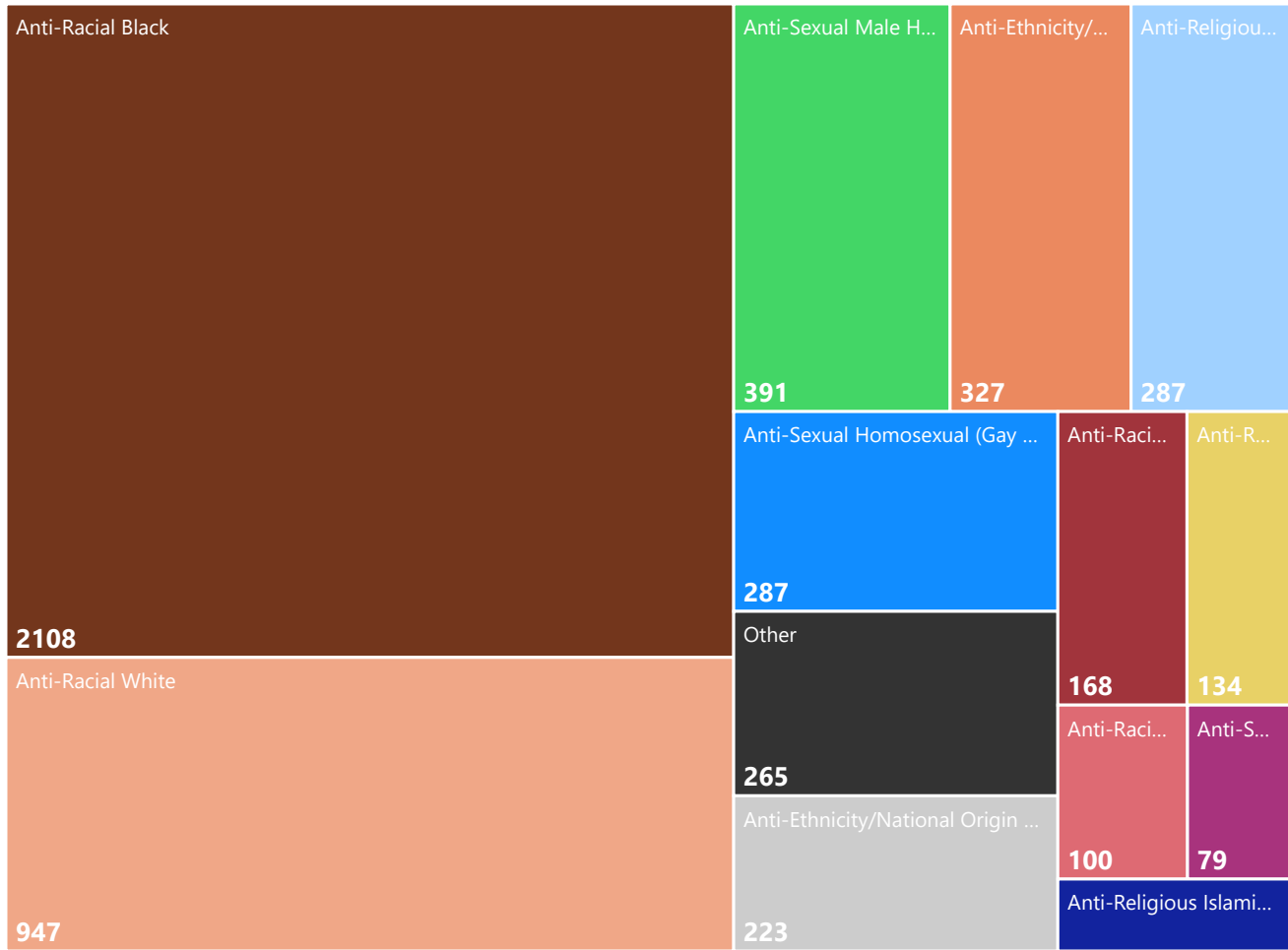
Top bias: Anti-Racial Black (35.2%)

Hate Crimes
5994

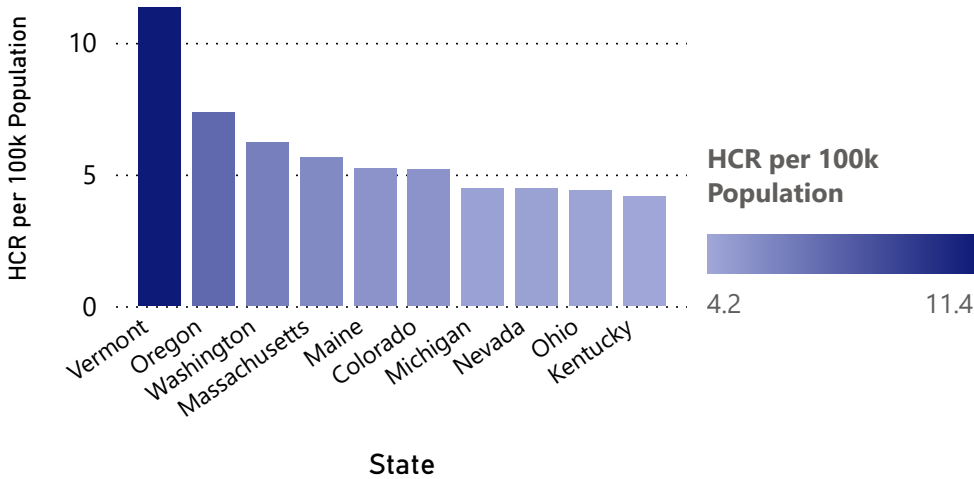
Hate Crime Rate per
100k Population
1.8

Most hate crimes occur against the black race (35.2%), followed by against the white race (15.8%) and against male homosexuals (6.5%)

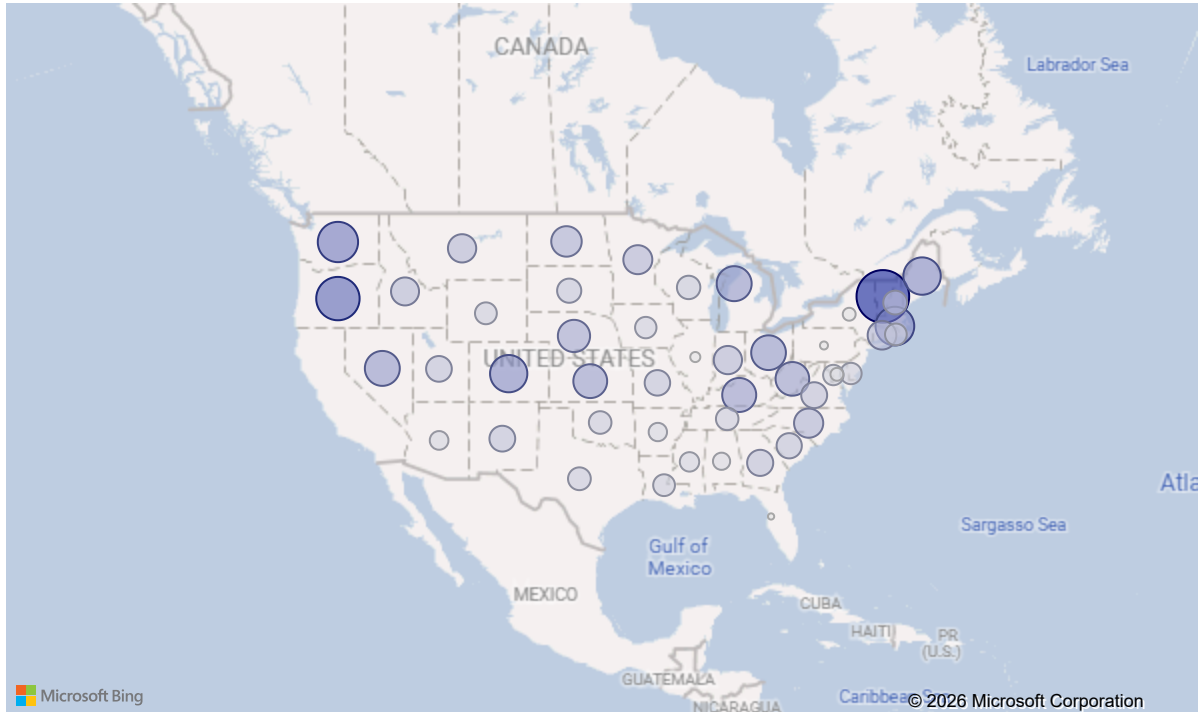
Offenses by Bias Motivation



Hate Crime Rate per 100k Population by State



Hate Crime Rate per 100k Population by State



Home

State

Texas

State vs National Arrest
Rate Difference (100k)

234

State crime level is 35.8%
above national average

Top Offense

Drug/Narcotic Violations

State population

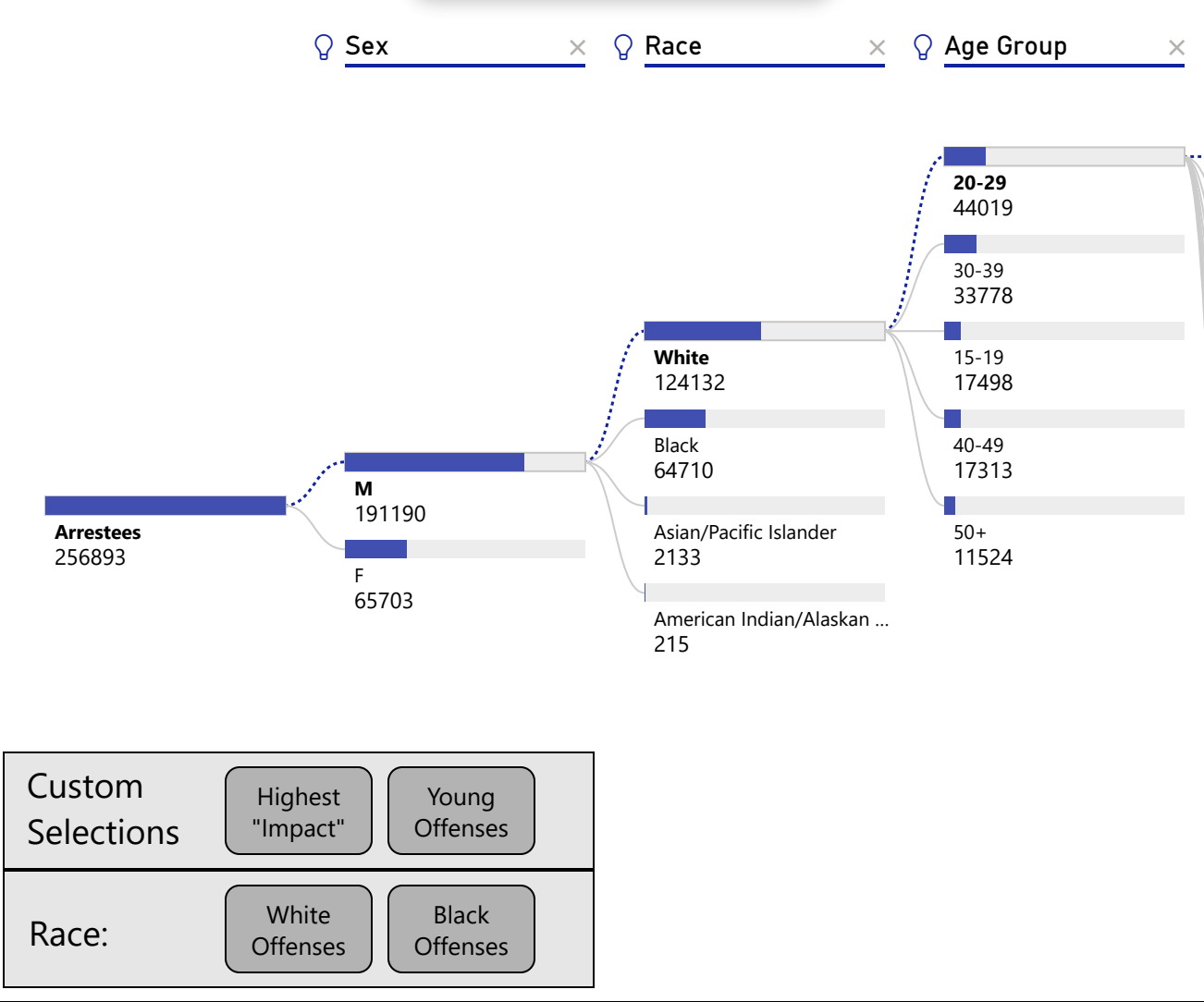
29.15M

Violent Crime?

False

True

Offense Description	Arrests	Arrest Rate per 100k	Offense Share
Drug/Narcotic Violations	83095	285.1	32.1%
Simple Assault	62540	214.6	24.1%
Drug Equipment Violations	30859	105.9	11.9%
Shoplifting	22485	77.1	8.7%
Aggravated Assault	20282	69.6	7.8%
Weapon Law Violations	18578	63.7	7.2%
All Other Larceny	11378	39.0	4.4%
Destruction/Damage/Vandalism	9820	33.7	3.8%
Burglary/Breaking and Entering	7422	25.5	2.9%
Intimidation	6944	23.8	2.7%
Motor Vehicle Theft	6275	21.5	2.4%
Robbery	5143	17.6	2.0%
Theft From Motor Vehicle	4707	16.2	1.8%
False Pretenses/Swindle/Confidence Game	3753	12.9	1.4%
Counterfeiting/Forgery	3106	10.7	1.2%
Stolen Property Offenses	2404	8.2	0.9%
Credit Card/Automatic Teller Machine Fraud	1292	4.4	0.5%
Forcible Rape	1284	4.4	0.5%
Murder/Nonnegligent Manslaughter	1057	3.6	0.4%
Kidnapping/Abduction	922	3.2	0.4%
Prostitution	919	3.2	0.4%
Impersonation	794	2.7	0.3%
Forcible Fondling	726	2.5	0.3%
Theft From Building	679	2.3	0.3%
Pornography/Obscene Material	438	1.5	0.2%
Arson	411	1.4	0.2%
Embezzlement	267	1.2	0.1%



Questions and answers

Which state had the most crime incidents? Most crime incidents occurred in Texas (which is 2'nd by population). The most common offense there were drug/narcotic violations (32.1%), simple assaults (24.1%) and drug equipment violations (11.9%).

Which offense categories dominate the crime structure nationally? Top 3 categories are left unchanged from the previous question: drug/narcotic violations (29.7%), simple assaults (22.2%) and drug equipment violations (15.4%).

When it's safest to be alive in US? Crime activity shows moderate seasonal variation, with lower incidents early in the week (Sunday - Monday) and during spring months

Are young people more likely to commit a crime? Kind of. The most arrested age group was 20-29 years (17.4% over-representation versus population age share). People who are 40+ age committed less crimes.

Did women become victims of crime more often than men? Yes, but absolutely insignificantly. Approximately 51% of victims were female and 49% - men.

Does crime data justify racial fear stereotypes? Absolutely no. Though normalized data shows that there is an over-representation towards black race offenders, overall, males are more likely to commit a crime than any other offender groups. Race data more than possibly could be explained and diluted with the additional data not captured in the dataset: poverty, urbanization and education in specific states. That is beyond the scope of the current analysis.

In which state were the most hate crimes committed in relation to the total population? Vermont.

How bad are things regarding hatred crime in the US? According to the data, approximately 6000 were hate crimes, which is only 0.1% of all crimes. However, not all crimes had biases specified, which may significantly affect the data. Hate crimes represent a small share of total offenses, yet disproportionately target specific minority groups, indicating that bias-motivated violence remains a persistent social issue despite its low overall frequency.

Condemn a person's actions, but not who they were born as. Thanks for reading.