

## Data Analytics Project: 2021 Crime Rate Data



Juvenile and Young Adult  
Recidivism in New York



# About us

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# AGENDA

Overview

Goals of Study

Location & Age Groups

Sex & Race

Recommendations



# Overview



## Overview

### Focus of Study

- Who: **Incarcerated Youth**

Age Group	Age Range
Juveniles	< 18
Young Adults	18 - 24

- Where: **New York State**
- When: **2021**

### Potential Clients

- New York Police Department
- Community Affairs of NYPD
- New York State Department
- Non-profit organizations



# What is our goal?

- To stop crime at a young age so individuals are less likely to commit or re-commit offenses



# Recidivism

- The tendency of a convicted criminal to **reoffend** or return to prison.
- The act of a person **repeating** an undesirable behavior after they have experienced negative consequences of that behavior.
- In a study conducted in 2016, by the United States Sentencing Commission, their finding show that adults 21 years and younger have a 67.6% chance of being rearrested in an 8 year period following release.





# Areas

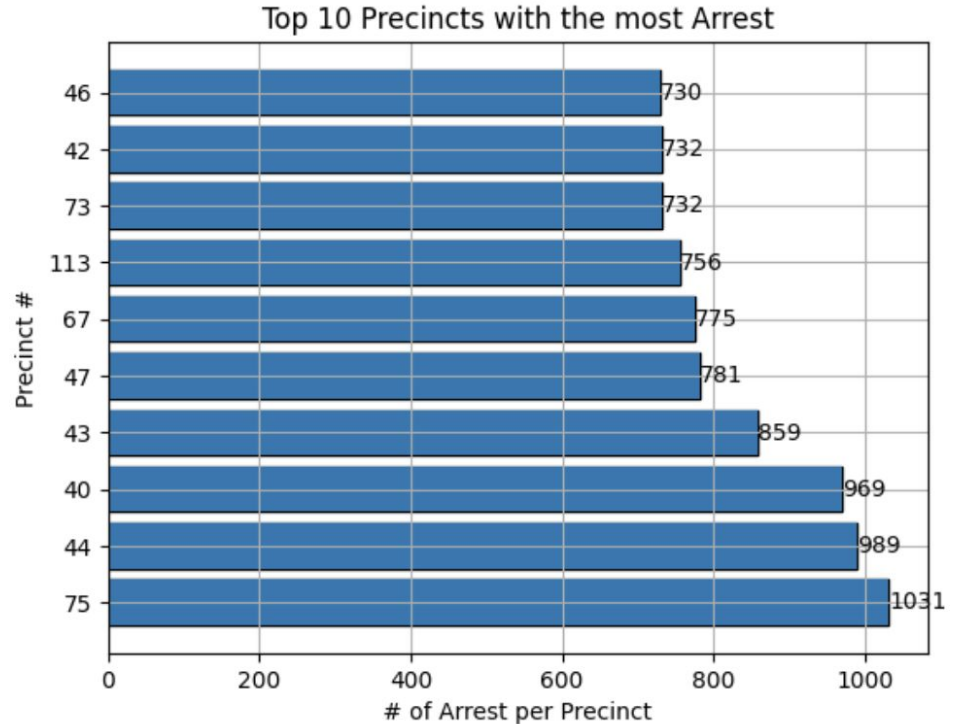




# Arrest Per Precincts

What is a Precinct?

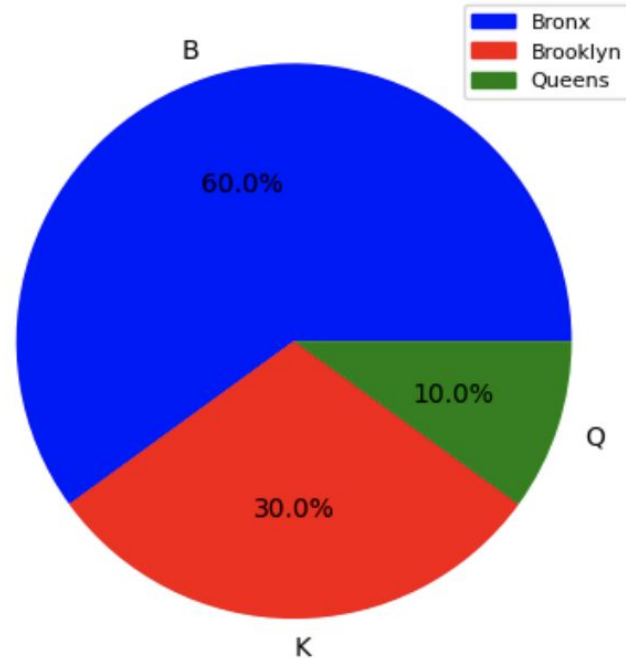
- A precinct is a geographical area patrolled by a designated police force
- 4 of the 5 Precincts in the Top 5 Arrest of Young Adults were in the Bronx throughout the Year of 2021
  - With the precinct 75 in Brooklyn having the most arrest



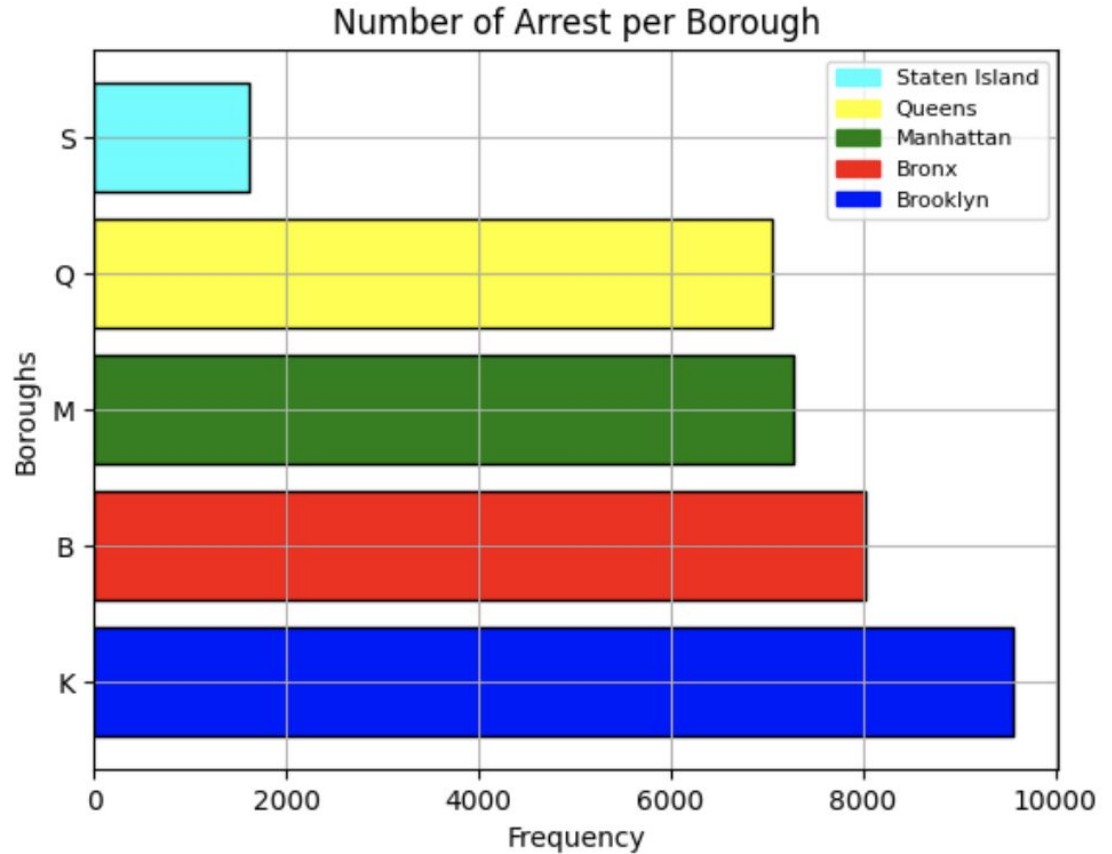
# Arrest Per Precincts

Percentage of Boroughs with Precincts in the Top 10 of Arrests

- **New York** has a total of 77 precincts
  - **Brooklyn** has the most with 23 precincts and **Staten Island** has the least amount with 4
- A 2020 census study about poverty rate per borough show the **Bronx** had the highest poverty rate at 24.4%



- **Brooklyn** has the highest number of arrest
- **Staten Island** has the lowest number of arrest

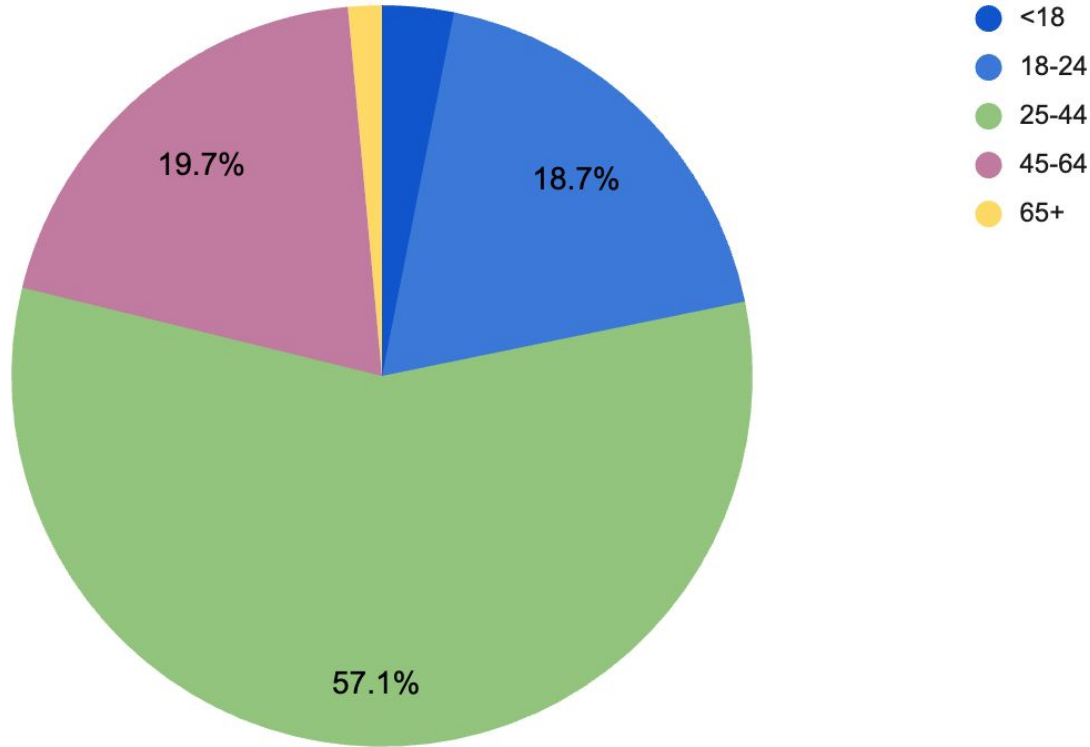




Who is responsible for crime  
and  
how often?



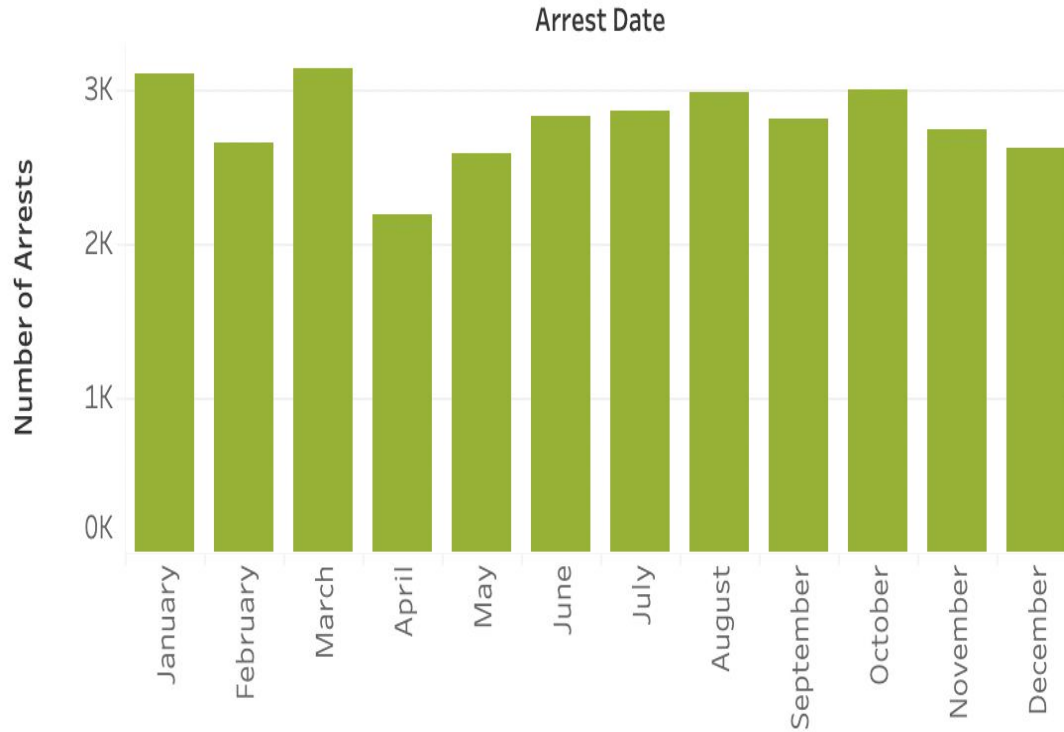
## Age Groups and Crime



- Out of 154,011 crimes committed, juveniles and young adults were responsible for 33,540 of those crimes (21.7%)



## Juvenile and Young Adult Crime Rate



- In March, 3140 crimes took place
- In April, 2195 crimes took place
- 2795 crimes on average a month
- About 92 crimes per day



# Categories of Charges

## F

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### **FELONY**

Regarded as a crime of high seriousness punishable for a year at minimum

## M

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### **MISDEMEANOR**

Punishable between 3 months to 1 year in jail or 3 years of probation

## V

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### **VIOLATION**

Not considered a crime, can be punishable for up to 15 days in jail or a fine

## I

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### **INFRACTION**

a minor offense that is punishable through a fine





# Level of Offense by Arrest for Young Adults

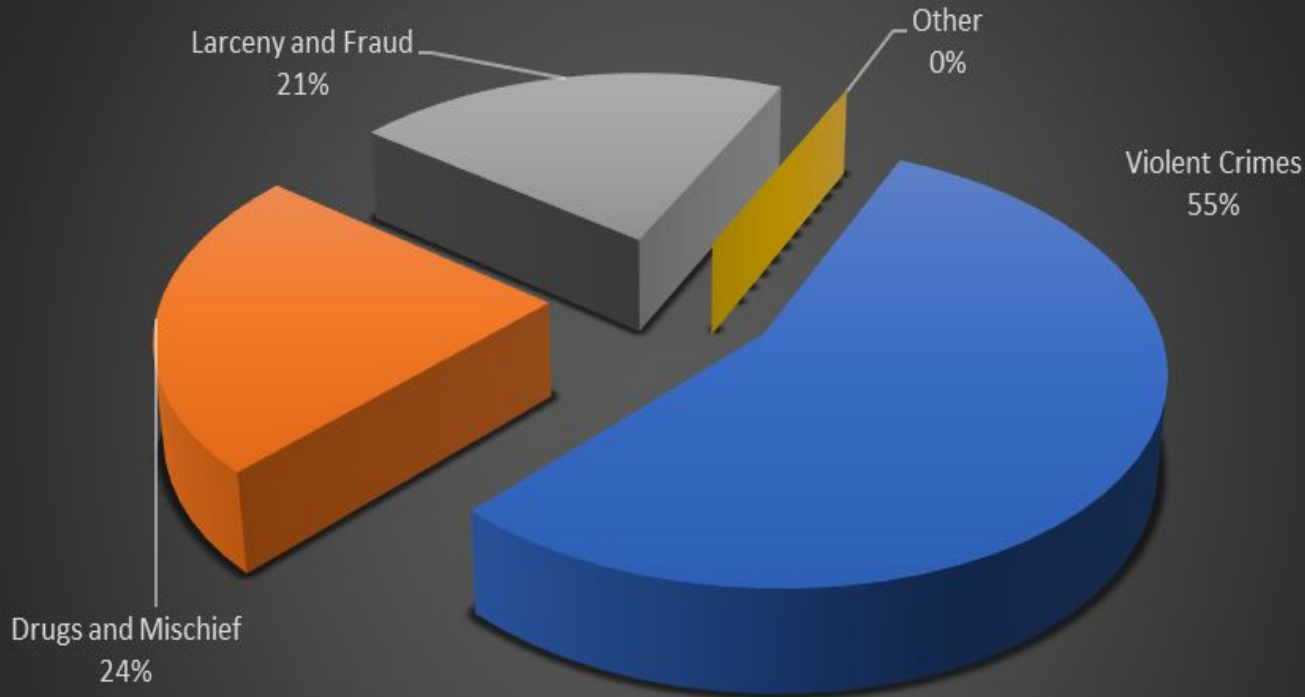


2021, of the 28,741 Young Adult arrests data report:

- Felony arrests accounted for 51% (14,462)
- Misdemeanor arrests accounted for 49% (14,172)
- Violations and Infractions Accounted for 0.004% (107)



# Felony Arrest by Category



2021, of the 14,462 young adult felony arrests reported:

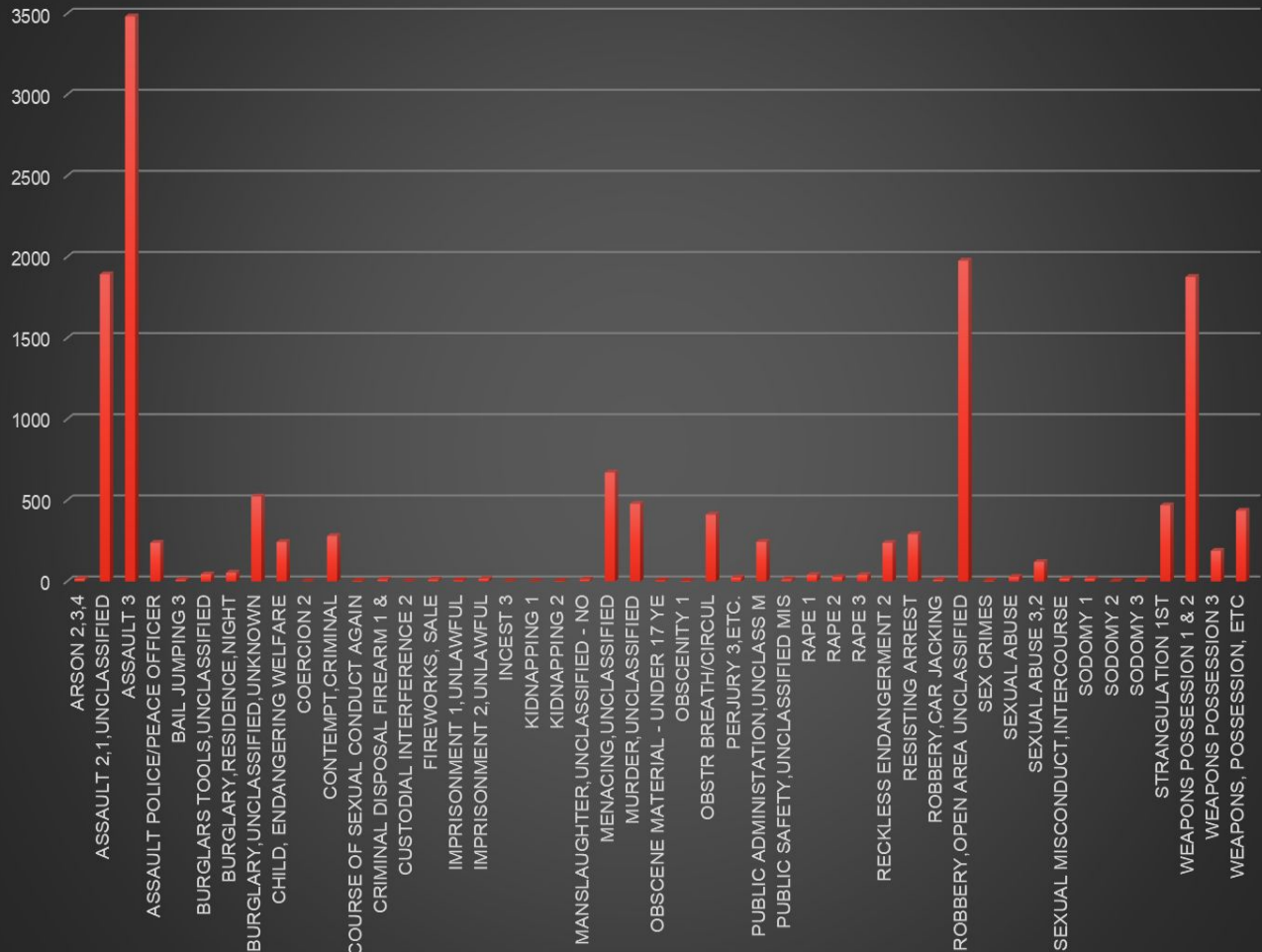
- 55% (7,958) were for violent offenses.
- 24% (3,402) were for Drugs and Mischief offences.
- 21% (3,094) were for Larceny and Fraud Offenses.



People in the service industry and other sectors faced extended unemployment, making the Covid-19 recession “**the most unequal in U.S. history.**” Those challenges were likely compounded for people with a criminal record, who face a difficult labor market **even at the best of times.** - Brennan Center for justice

Gun assaults rose by 8 percent, and motor vehicle thefts continued their precipitous rise. crimes observed in 2020 — with violence rising even as other types of crime stabilized or declined — continued into 2021. Brennan Center for justice

# Violent Crimes



"Myths and Realities: Understanding Recent Trends in Violent Crime." Brennan Center for Justice, 4 Oct. 2022,



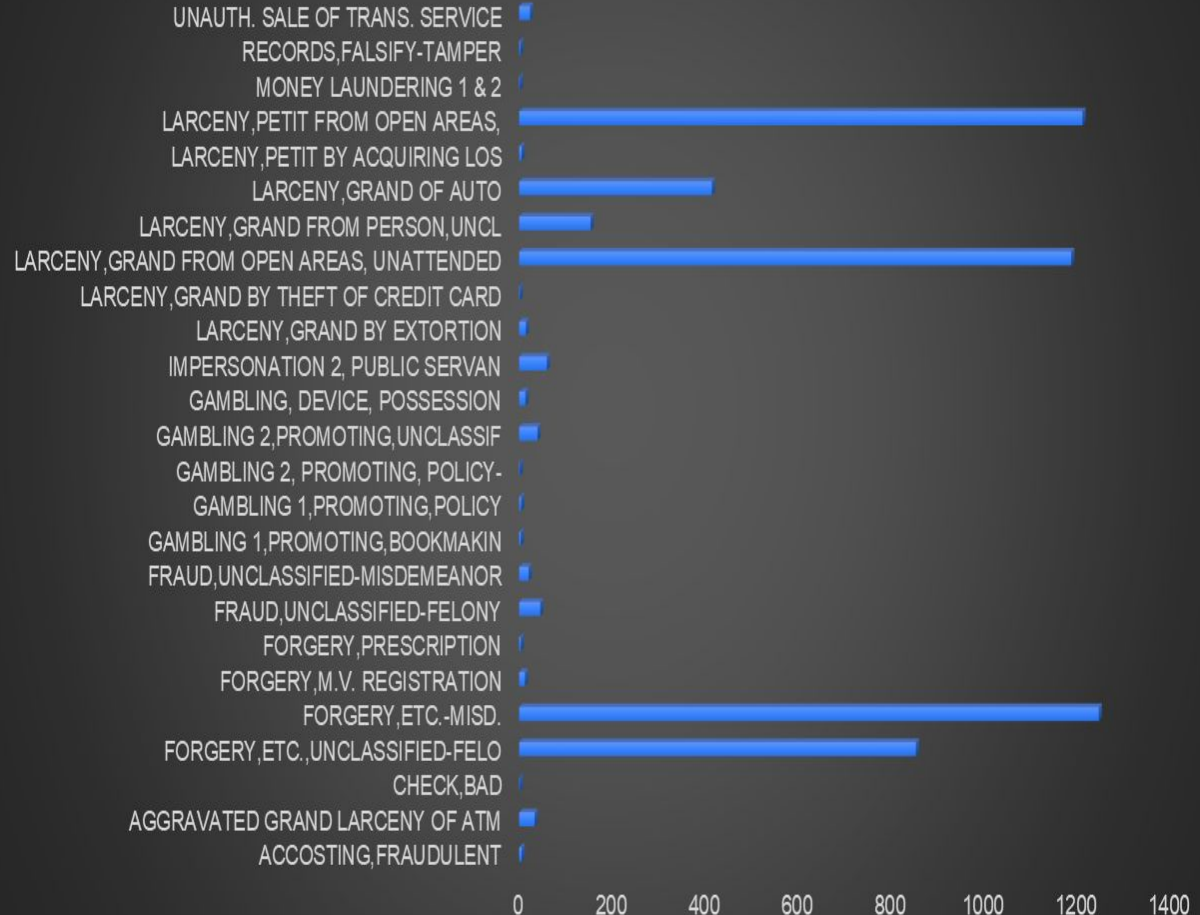
“Rising inflation is likely the chief reason for the increases in robberies and property crimes in New York.” - Rosenfeld NY Criminologist

Larcenies are up 57% from one year ago, with grand larceny of automobiles up 77% from one year earlier. Rosenfeld NY Criminologist

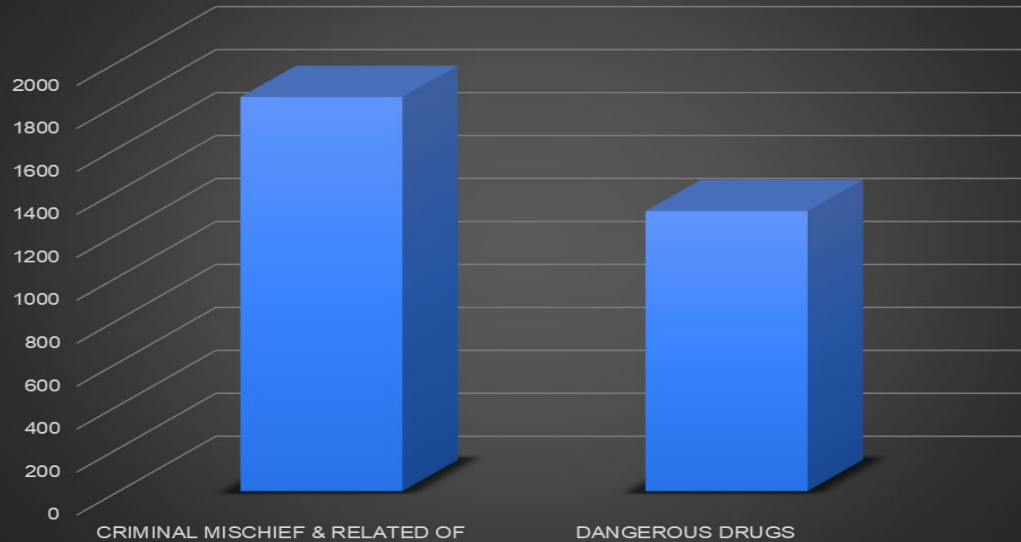
Pransky, Noah. “Is Crime in NYC Actually Soaring? 2022 Crime Rates in Perspective.” LX, LX, 21 July 2022, <https://www.lx.com/community/nyc-crime-rates-how-dangerous-is-new-york-city/51473/>.



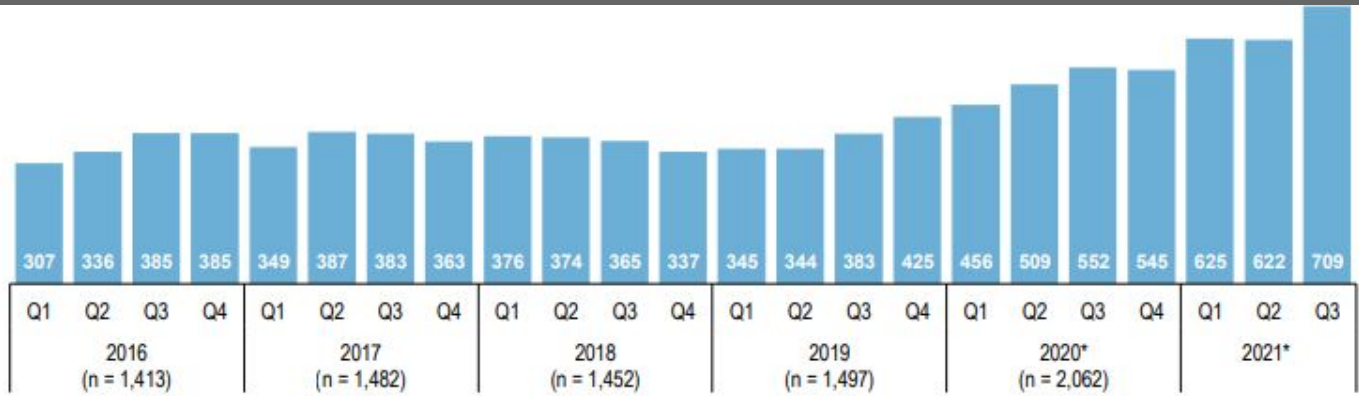
## Larceny and Fraud



## Drugs & Mischief



- Crimes that are less severe but hold a significant amount of consequence.
- Opioids are involved in more than 88% of all overdose deaths.
- Increase in drug use coincides with increase in death.



*Unintentional Drug Use contribute to Deaths Quarters 1, 2, and 3 ...*  
<https://www1.nyc.gov/assets/doh/downloads/pdf/basas/provisional-overdose-report-third-quarter.pdf>.



# Sex & Type of Offenses



# Definitions

- **1st Degree Assault / Felony Assault**

- intentionally causing **serious physical injury**

- **3rd Degree Assault**

- **Less serious** physical injury
- The injury **can be intentionally** inflicted or criminal **negligence**.

- **Grand Larceny** - something **very valuable** is stolen.
- **Petit Larceny** - something **less valuable** (under a 1000\$) is stolen
- **Criminal Mischief** - crime that involves **damage to the property of another person**



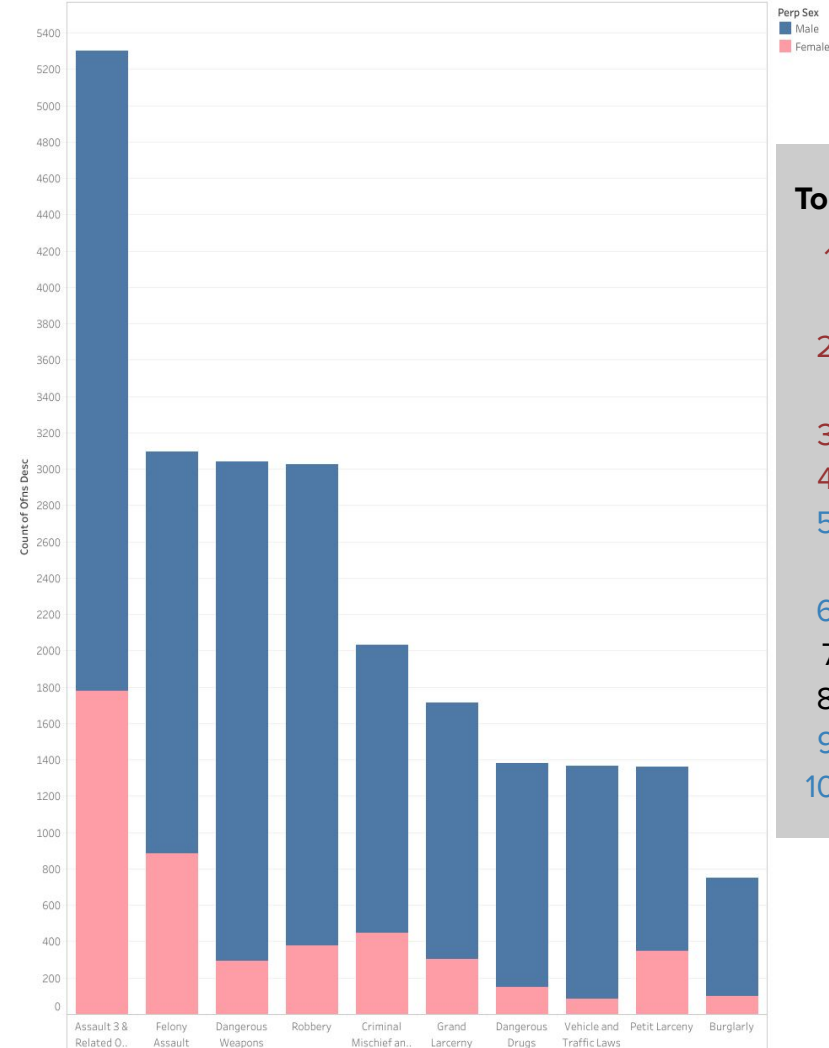


# Top 10 Offenses Committed by the Youth in New York

## Top 10 Offenses

1. 3rd Degree Assault & Related Offense
2. 1st Degree Assault or Felony Assault
3. Dangerous Weapons
4. Robbery
5. Criminal Mischief and Related Offense
6. Grand Larceny
7. Dangerous Drugs
8. Vehicle and Traffic Laws
9. Petit Larceny
10. Burglary

- **3rd Degree Assault** is the top crime the Youth are committing
- Male dominated by **65.8%** on 3rd Degree Assault than female
- Top 4 offenses are **violent related crimes**
- But most crimes committed revolves around to **property incidents** and **theft**



# Top 10 Offenses Committed Differentiated by Sex



- The top crimes committed are **almost identical** between sexes
- Male dominated in regards to **Vehicle and Traffic Laws**
- Female includes concerns on **Sex Crimes**



## Category of crimes committed by the youth differentiated by Sex

Age Group (g..	Perp Sex	Felony	Misdemeanor	Violation	Infraction
Youth (<18 - 24)	Female	2,618	3,441	3	4
	Male	15,078	12,294	62	40

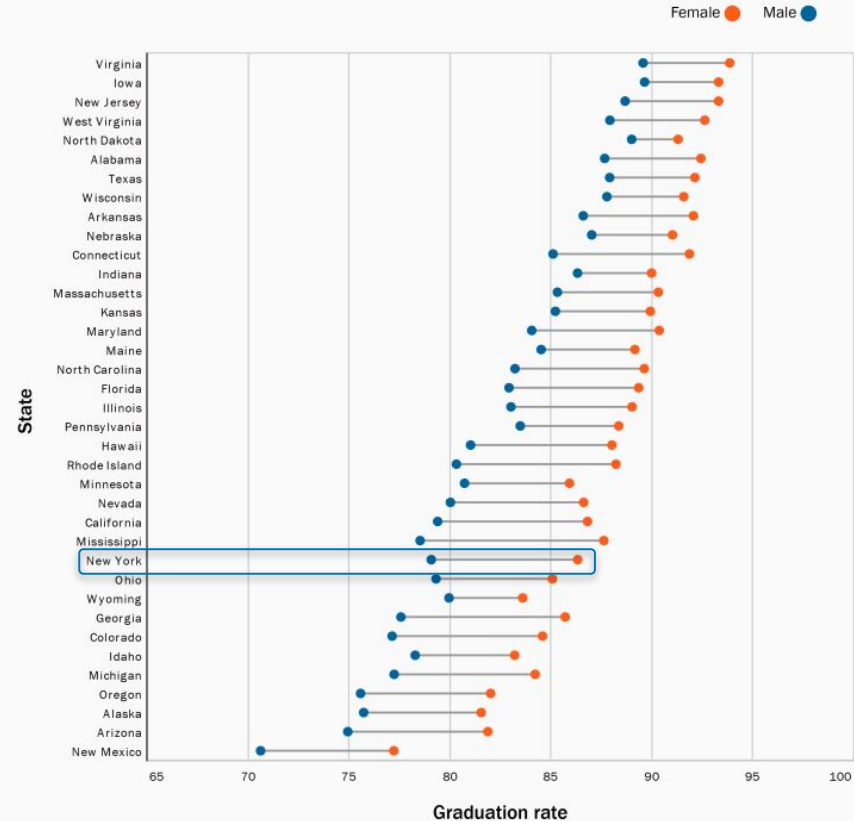
- Male dominated the number of crimes committed by
- Male dominated on the severity of crimes.



# According to the Washington Post:

- “The data are clear.. Boys are **five times as likely to spend time in juvenile detention;** and are **less likely to finish high school.**”
- “Unfortunately, it doesn’t get better when boys become adults. **Men now make up only 40.5 percent of college students.** “

**Figure 1. State public high school 4-year adjusted cohort graduation rate  
By sex, 2017–18**



Source: Data collected from individual state Departments of Education, 2017–18.



# Race & Categories of Crimes



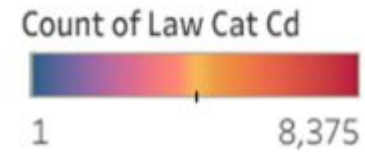
**Who is the most affected by  
recidivism?**



## Increase of charges by age

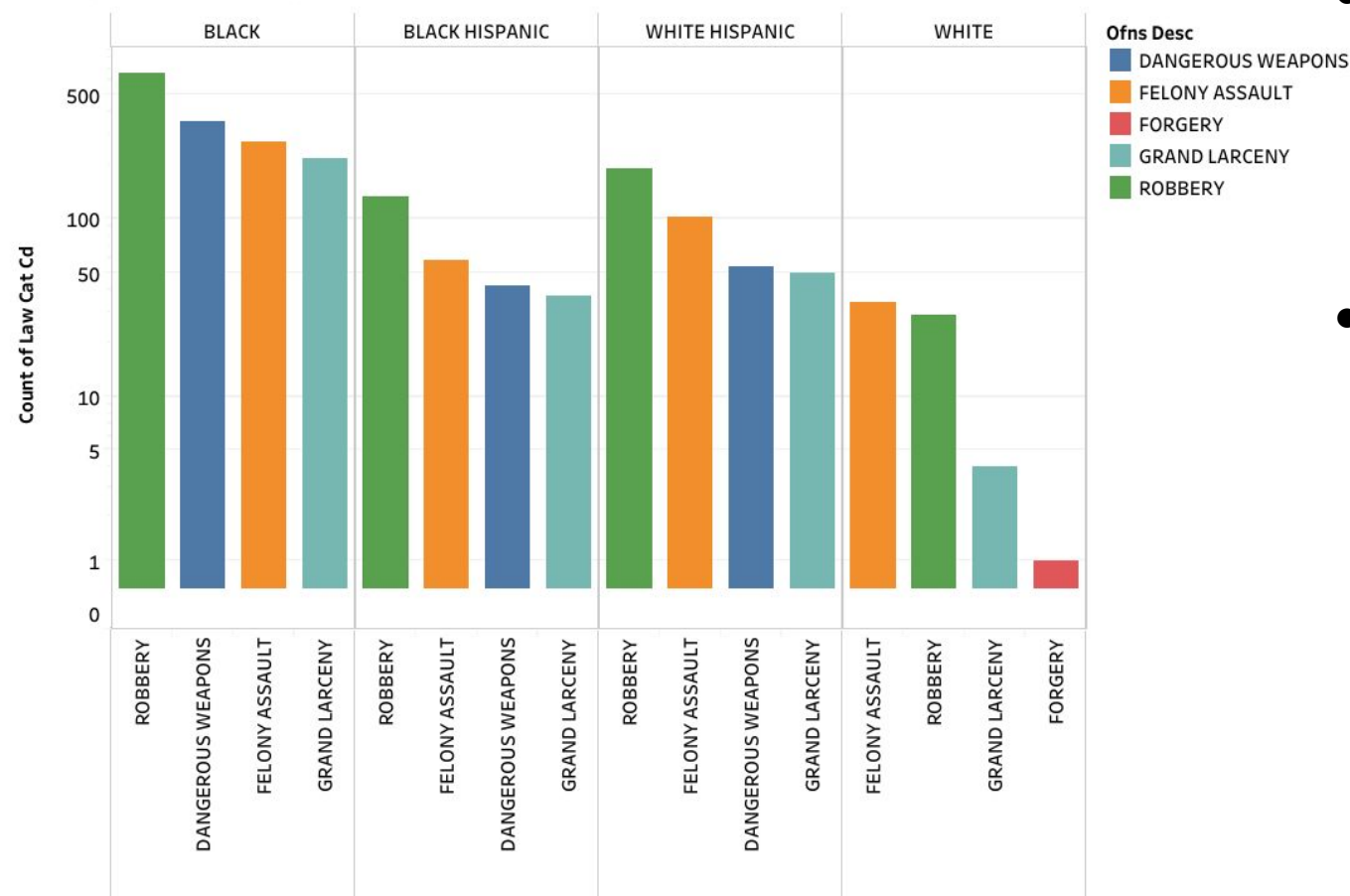
Age Group	Perp Race	Law Cat Cd			
		Felony	Infraction	Misdemeanor	Violence
<18	AMERICAN INDIAN/ALASK...	6		1	
	ASIAN / PACIFIC ISLANDER	78		60	
	BLACK	2,079	2	908	
	BLACK HISPANIC	376		175	
	UNKNOWN	14		4	
	WHITE	105		80	
	WHITE HISPANIC	576		335	
18-24	AMERICAN INDIAN/ALASK...	41		57	
	ASIAN / PACIFIC ISLANDER	561	7	790	2
	BLACK	8,375	23	6,887	38
	BLACK HISPANIC	1,518	3	1,477	3
	UNKNOWN	45		60	
	WHITE	610	2	1,166	3
	WHITE HISPANIC	3,312	7	3,735	19

- Young people of color are criminally **charged more in adulthood**
- Most felonies increase **~120% from <18 to 18-24** for young Black people



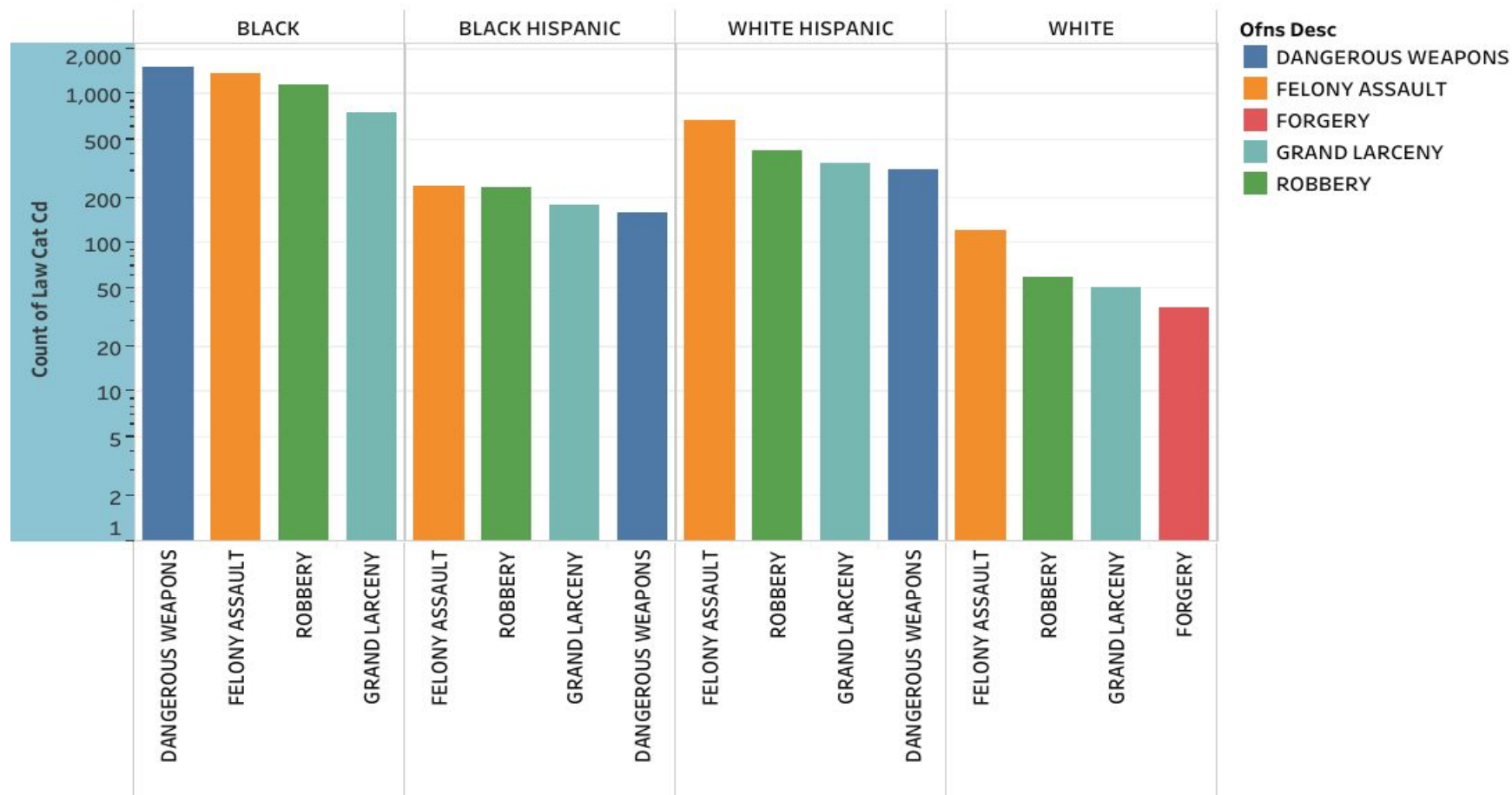


Felony Conviction by Race and Age Group <18



- The top 4 charges are in possible relation to socioeconomic struggles.
- According to Columbia University, before the pandemic, nearly one in five adults in New York City lived in poverty. More than 350,000 children (one in five) lived in poverty.

## Felony Conviction by Race and Age Group 18-24



# Recommendations



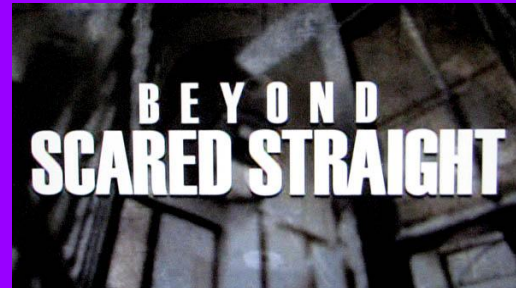
How do we  
help young  
people in New  
York?

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# Recommendations to Cut down on acts of Crime for Young Adults and Juveniles

- Crime Prevention Program at an early age.
- Financial funding for Higher Education, Trade school, and Entrepreneurship .



# Recommendations

- Further research on other factors affecting communities in NY and focus on young people of color
- Police trainings on affected communities
- Financial support for impacted areas
- After School recreational programs(Sports, Clubs, etc.)



# Sources:

- <https://www.correctionalassociation.org/about>
- <https://www.nycourts.gov/>
- <https://www.ussc.gov/research/research-reports/effects-aging-recidivism-among-federal-offenders>
- [https://www1.nyc.gov/assets/nypd/downloads/pdf/analysis\\_and\\_planning/year-end-2021-enforcement-report.pdf](https://www1.nyc.gov/assets/nypd/downloads/pdf/analysis_and_planning/year-end-2021-enforcement-report.pdf)
- <https://www.thecity.nyc/bronx/2022/8/2/23289718/manhattan-got-less-wealthy-and-the-bronx-got-less-poor-in-first-year-of-pandemic-census-data-shows>
- [https://www.robinhood.org/wp-content/themes/robinhood/images/poverty-tracker/pdfs/POVERTY\\_TRACKER\\_REPORT25.pdf](https://www.robinhood.org/wp-content/themes/robinhood/images/poverty-tracker/pdfs/POVERTY_TRACKER_REPORT25.pdf)



# Sources:

- <https://www.washingtonpost.com/opinions/2022/02/08/andrew-yang-boys-are-not-all-right/>
- <https://www.childrensdefense.org/policy/resources/soac-2020-youth-justice/>
- <https://www.wsj.com/articles/college-university-fall-higher-education-men-women-enrollment-admissions-back-to-school-11630948233>
- <https://www.brookings.edu/blog/up-front/2021/01/12/the-unreported-gender-gap-in-high-school-graduation-rates/>

# Thank you!

## Any questions?

