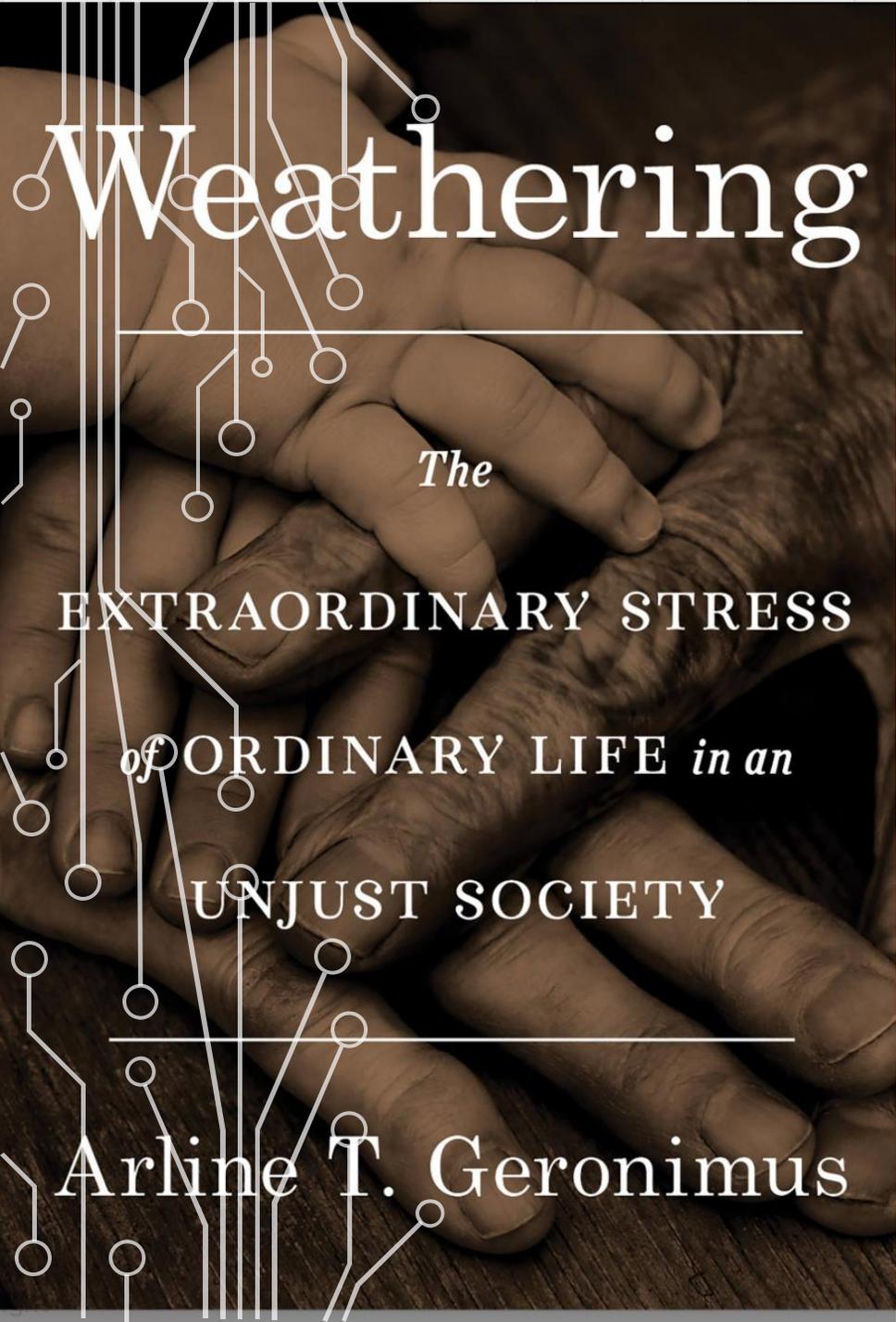




# BIG DATA ANALYTICS AND POLICING



# Weathering

*The*

EXTRAORDINARY STRESS

*of* ORDINARY LIFE *in an*

UNJUST SOCIETY

Arline T. Geronimus

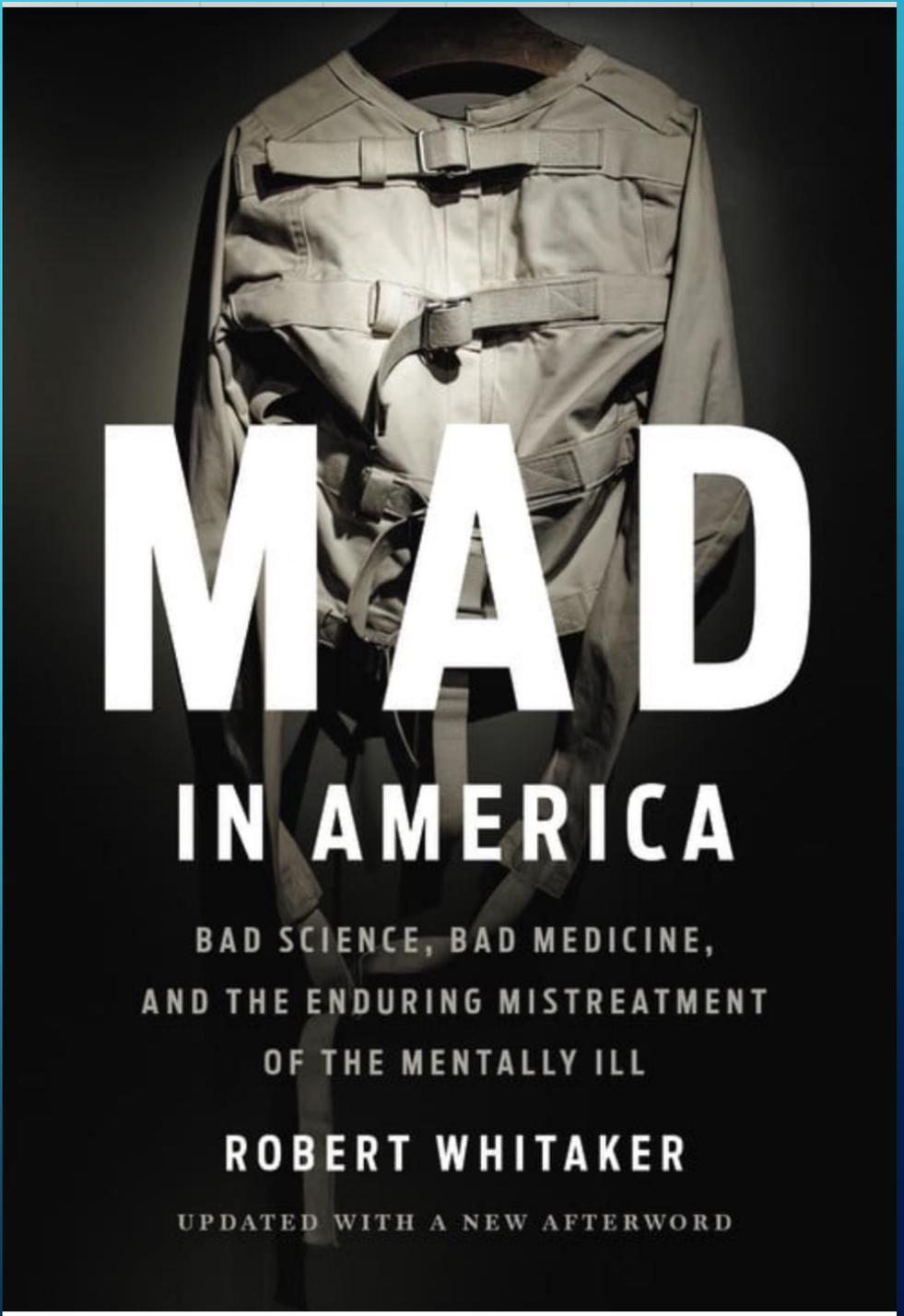
## DEFINING THE PROBLEM

“How we define a problem will determine how we arrive at the solutions and how effective those solutions will be”

“Systemic problems call for systemic change”

# MENTAL HEALTH AND THE CRIMINAL LEGAL SYSTEM

- People with mental and substance use disorders are over-represented in the justice system.
- It is estimated that [18% of the general population](#) has a mental illness. However, an estimated [44% of those in jail and 37% of those in prison \(PDF | 443 KB\)](#) have a mental illness (PDF | 670 KB). It is estimated that [11% of 18-25 year olds, and 6% of those over 25 years old](#) have a substance use disorder. It is estimated that [63% of people in jail and 58% in prison](#) have a substance use disorder (PDF | 670 KB). People with these disorders have challenges in getting appropriate treatment and often [incarceration exacerbates their symptoms](#). This can lead to [individuals staying incarcerated longer](#) than those without behavioral health concerns.
- SAMHSA (Substance Abuse and Mental Health Services Administration) [https://www.samhsa.gov/criminal-juvenile-justice/about#:~:text=People%20with%20mental%20and%20substance,\(PDF%20%7C%20670%20KB\)](https://www.samhsa.gov/criminal-juvenile-justice/about#:~:text=People%20with%20mental%20and%20substance,(PDF%20%7C%20670%20KB)).



# MAD IN AMERICA

BAD SCIENCE, BAD MEDICINE,  
AND THE ENDURING MISTREATMENT  
OF THE MENTALLY ILL

ROBERT WHITAKER

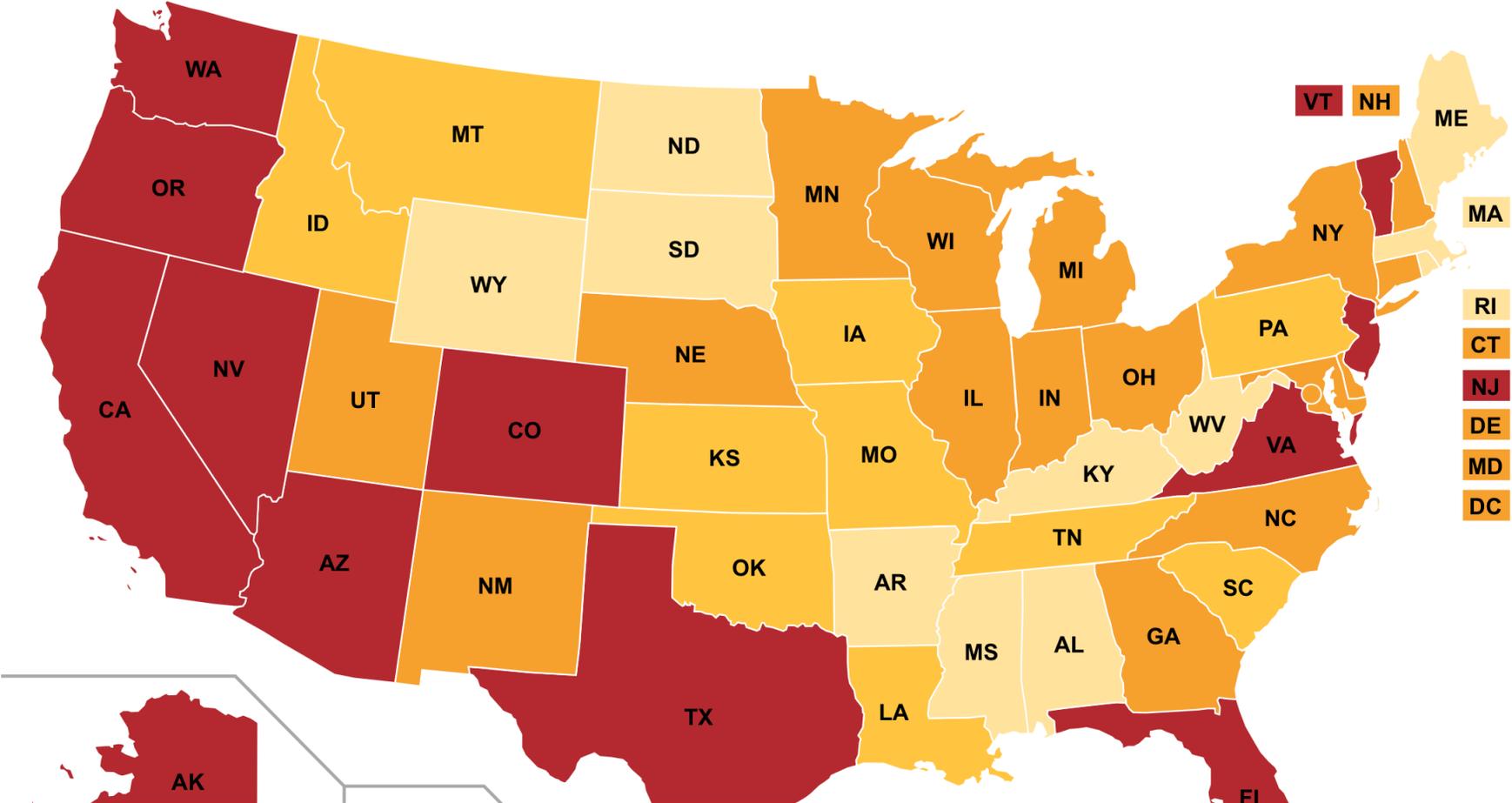
UPDATED WITH A NEW AFTERWORD

# No State Has an Adequate Supply of Affordable Rental Housing for the Lowest-Income Renters

Affordable and Available Rental Homes per 100 Extremely Low-Income Renter Households

30 or fewer 31 to 40 41 to 45 more than 45

[View Data as Table ↓](#)



EDUCATION FUNDING

# States Are Pulling Back on K-12 Spending. How Hard Will Schools Get Hit?



By [Mark Lieberman](#) — March 07, 2024 ⌚ 6 min read



MOST POPULAR STORIES

SCHOOL CLIMATE & SAFETY

## Can a Teachers' 'Bill of Rights' Bring Order to the Classroom?



Elizabeth Heubeck, June 20, 2024 · 4 min read

# U.S. spends twice as much on law and order as it does on cash welfare, data show

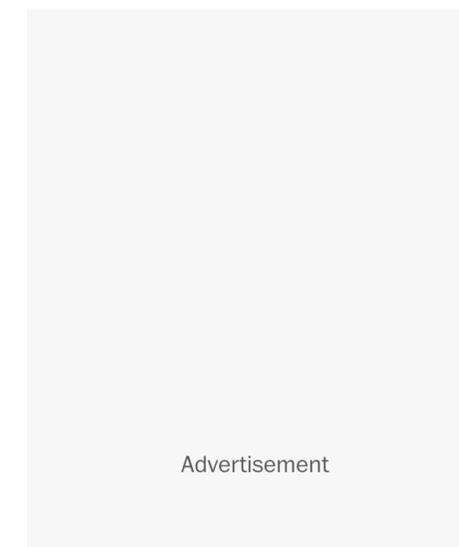
It didn't used to be this way, and current tensions over the funding differential is at the heart of many calls for police reform



Analysis by [Christopher Ingraham](#)

Reporter

June 4, 2020 at 8:54 a.m. EDT

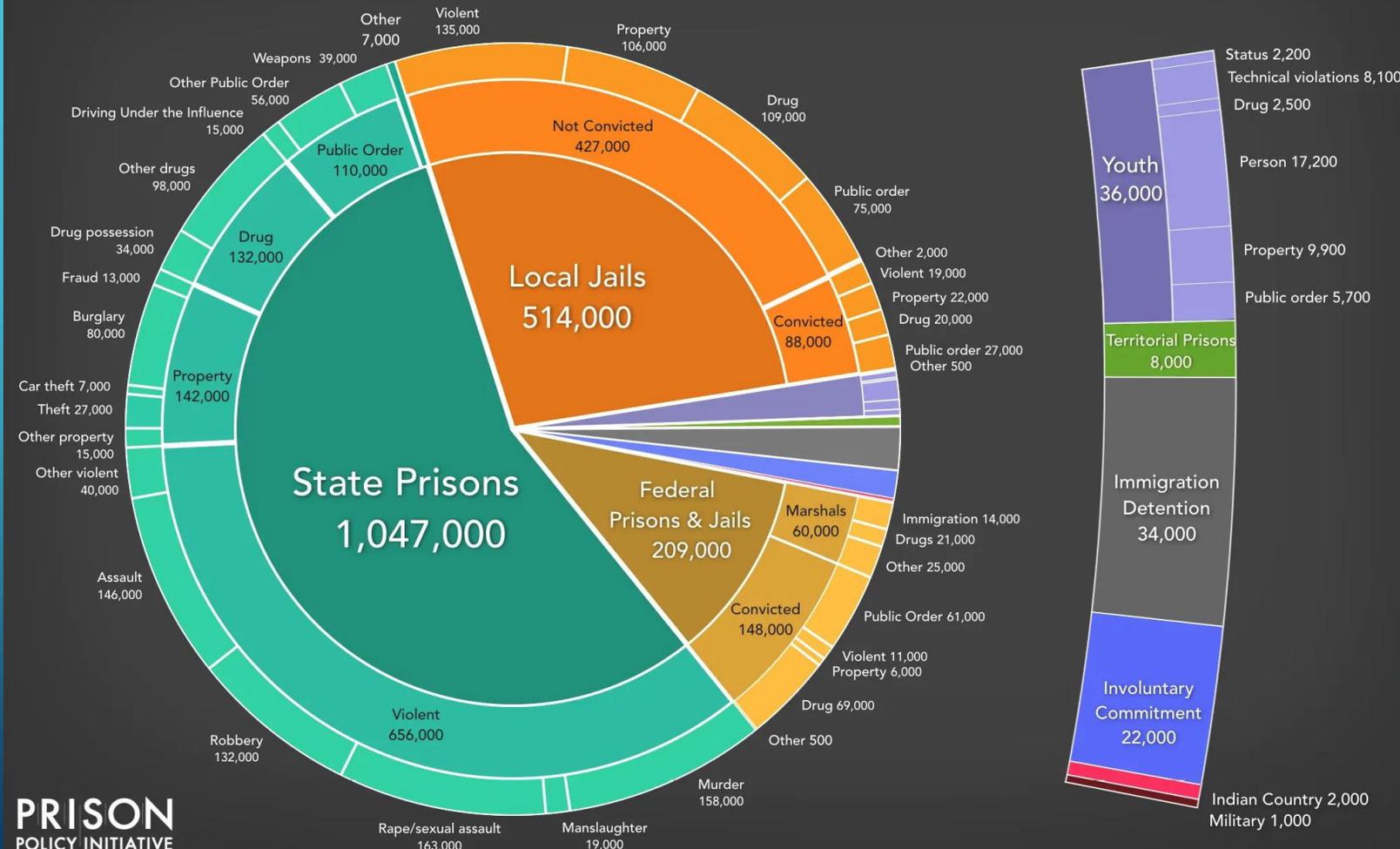


Advertisement

# THE UNITED STATES HAS A MASS INCARCERATION PROBLEM

## How many people are locked up in the United States?

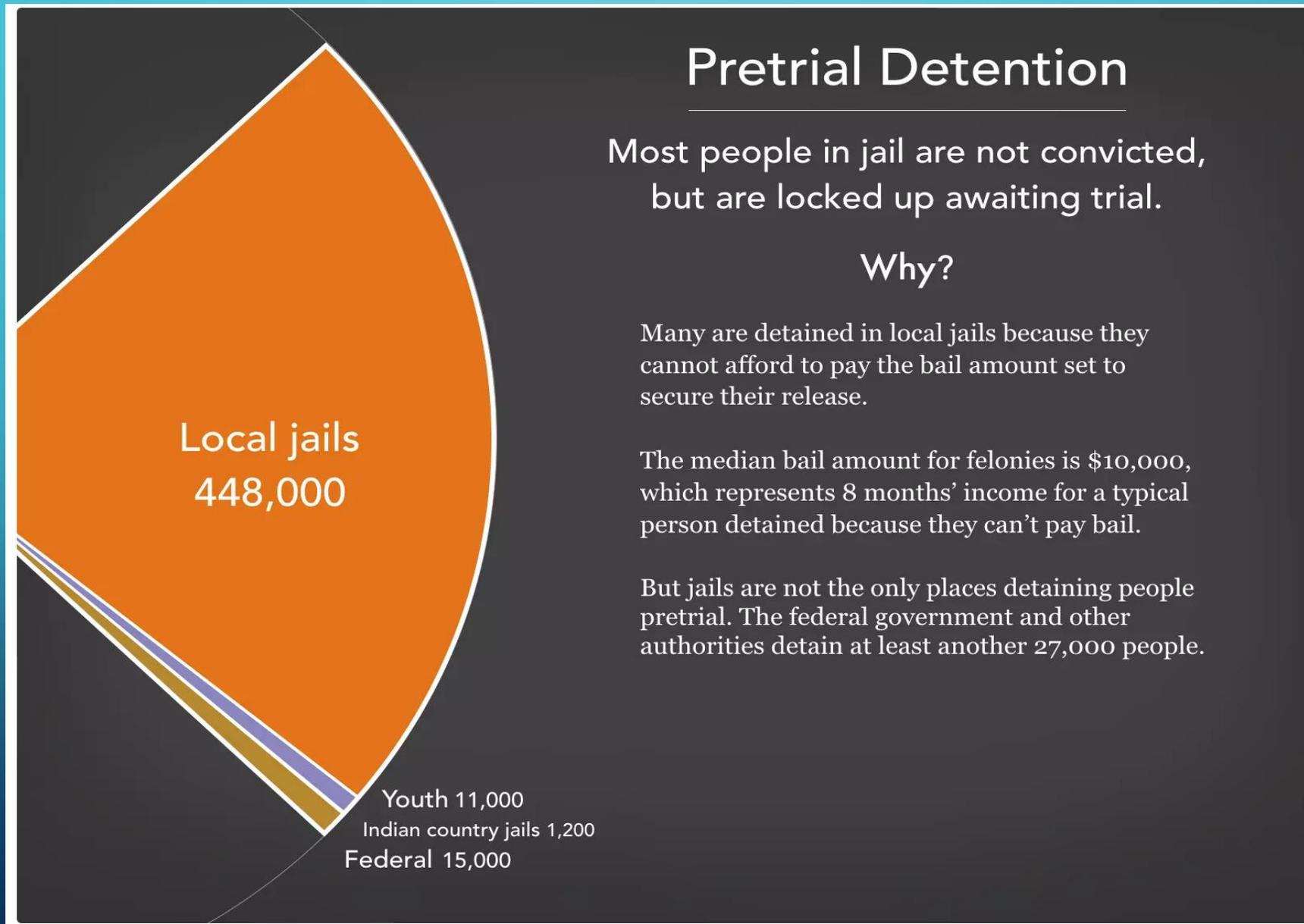
The U.S. locks up more people per capita than any other nation, at the staggering rate of 565 per 100,000 residents. But to end mass incarceration, we must first consider *where* and *why* 1.9 million people are confined nationwide.



**PRISON**  
POLICY INITIATIVE

Sources and data notes: [www.prisonpolicy.org/reports/pie2023.html](http://www.prisonpolicy.org/reports/pie2023.html)

# FEEDING THE TRIAL PENALTY



## Pretrial Detention

Most people in jail are not convicted, but are locked up awaiting trial.

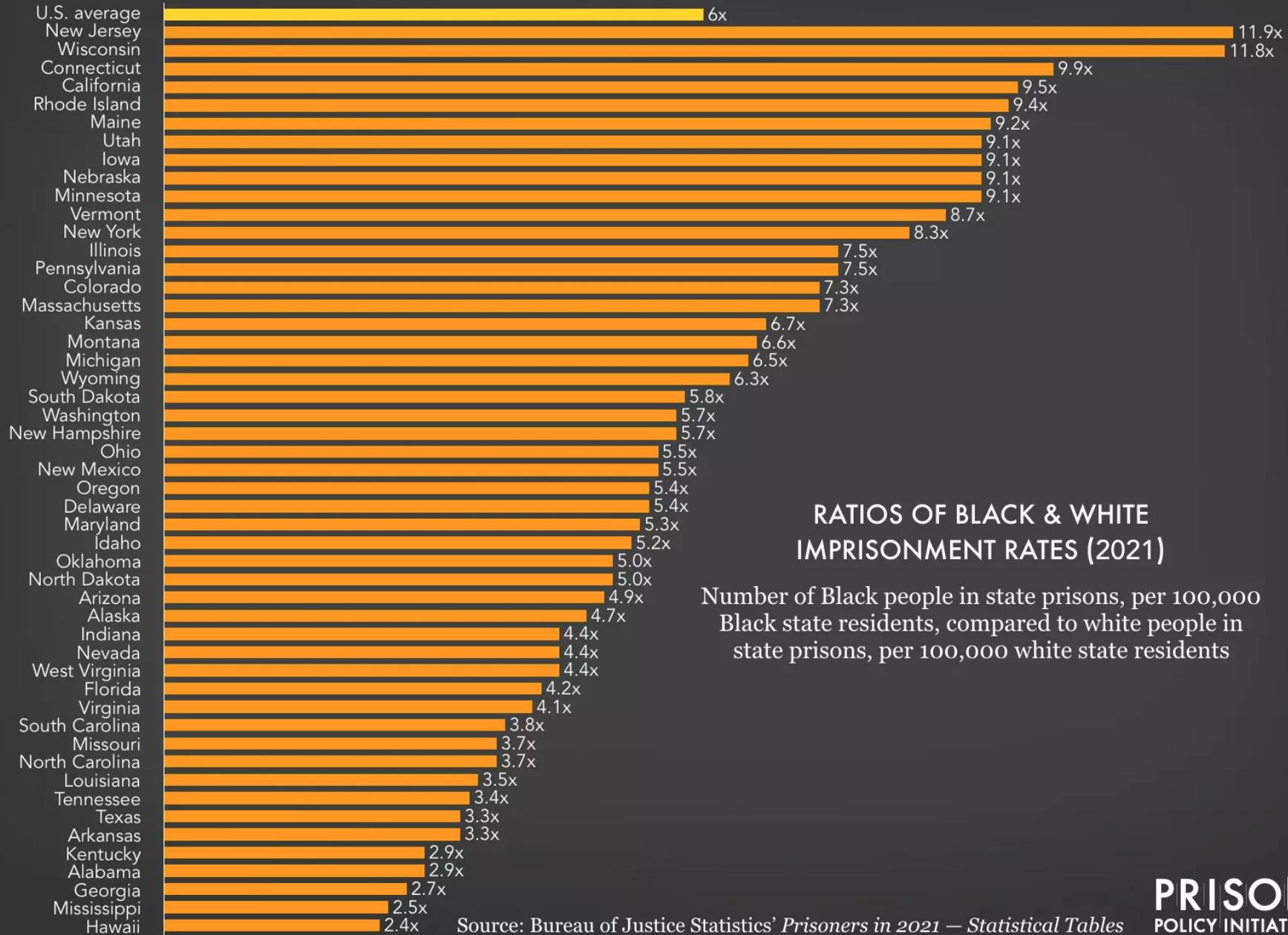
### Why?

Many are detained in local jails because they cannot afford to pay the bail amount set to secure their release.

The median bail amount for felonies is \$10,000, which represents 8 months' income for a typical person detained because they can't pay bail.

But jails are not the only places detaining people pretrial. The federal government and other authorities detain at least another 27,000 people.

# How much higher are Black incarceration rates than white?



## RATIOS OF BLACK & WHITE IMPRISONMENT RATES (2021)

Number of Black people in state prisons, per 100,000 Black state residents, compared to white people in state prisons, per 100,000 white state residents

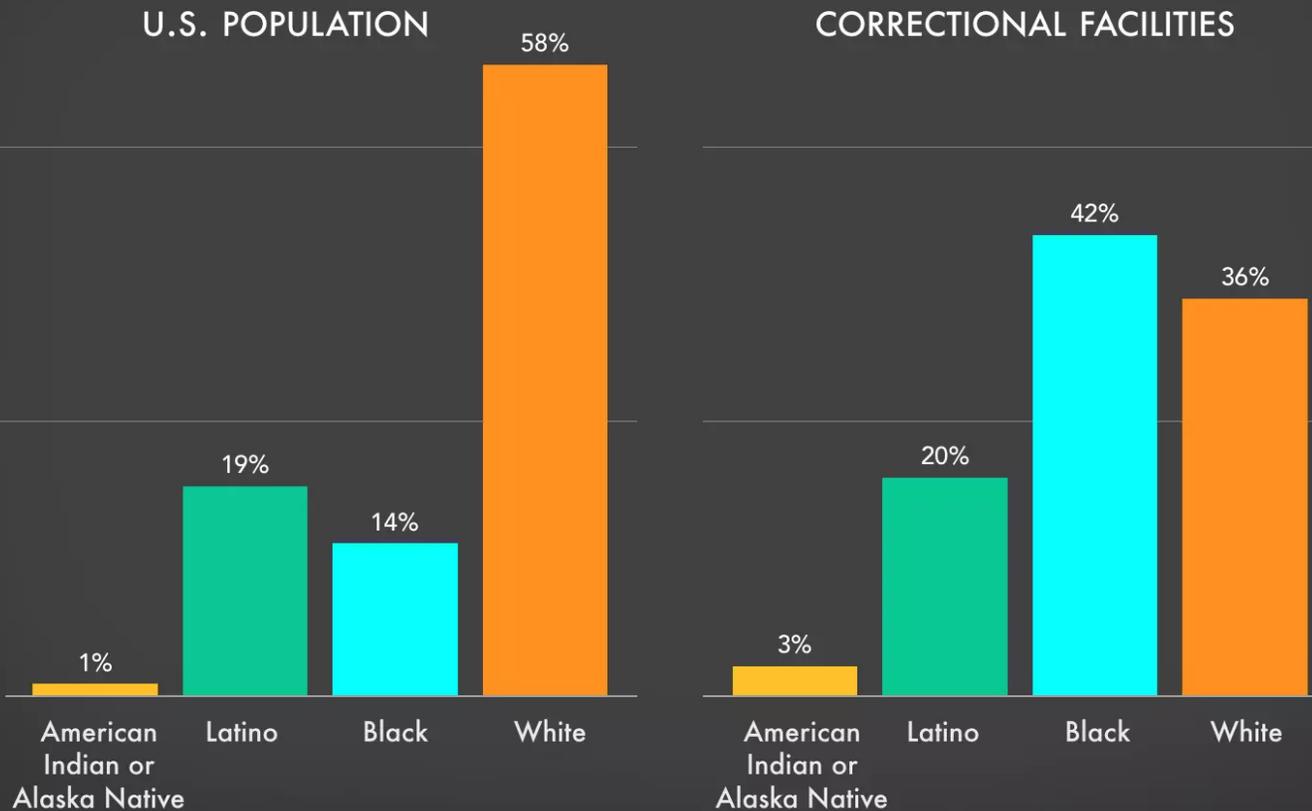
Source: Bureau of Justice Statistics' *Prisoners in 2021 — Statistical Tables*

**PRISON**  
POLICY INITIATIVE

# THE US CARCERAL SYSTEM HAS A RACE PROBLEM

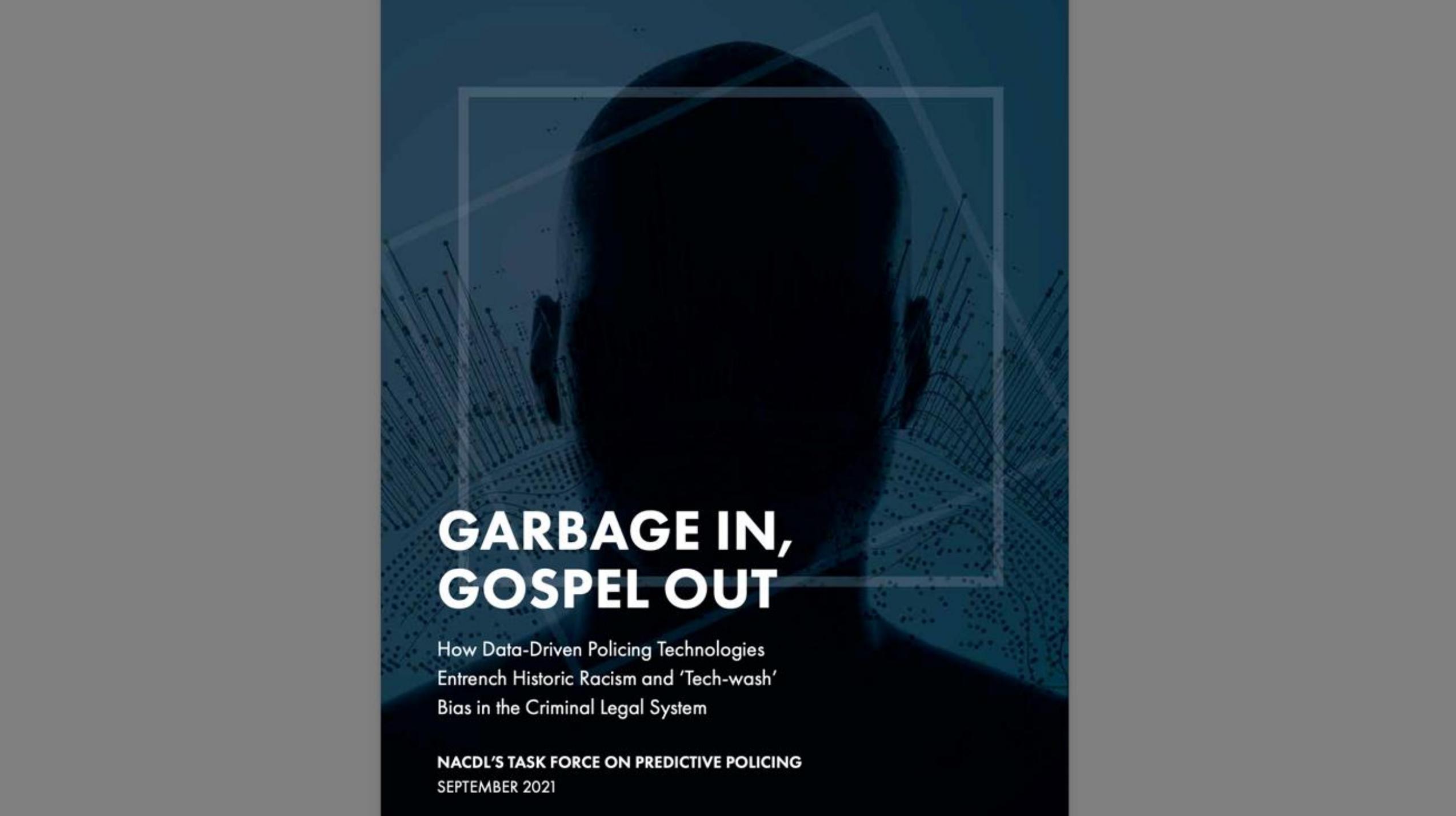
## Racial and ethnic disparities in correctional facilities

White people are underrepresented in prisons and jails while Black and American Indian or Alaska Native people are overrepresented.



Source: U.S. Census Bureau, American Community Survey 2022 1-Year Estimates, Table S2603  
For category definition and selection details, see [www.prisonpolicy.org/reports/pie2024.html#methodology](http://www.prisonpolicy.org/reports/pie2024.html#methodology)

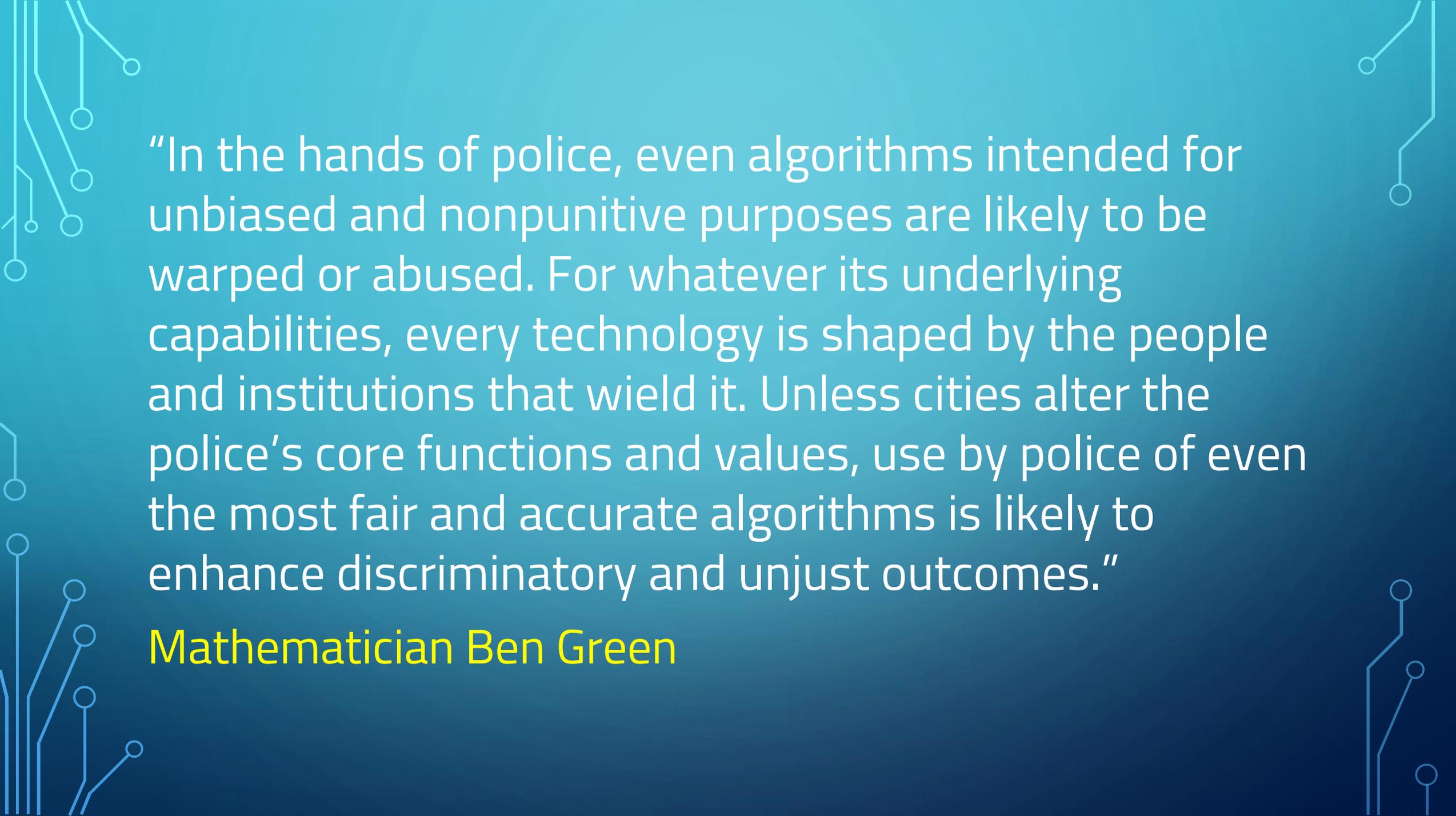
**PRISON**  
POLICY INITIATIVE

The background features a dark blue silhouette of a person's head and shoulders, facing forward. The silhouette is centered within a white rectangular frame. Behind the silhouette, a network diagram is visible, consisting of numerous small white dots connected by thin white lines, creating a web-like structure. The overall color palette is dark blue and black, with white text and lines.

# **GARBAGE IN, GOSPEL OUT**

How Data-Driven Policing Technologies  
Entrench Historic Racism and 'Tech-wash'  
Bias in the Criminal Legal System

**NACDL'S TASK FORCE ON PREDICTIVE POLICING**  
SEPTEMBER 2021

The background is a dark blue gradient. In the corners, there are decorative white and light blue circuit-like lines with small circles at the ends, resembling a network or data flow diagram.

“In the hands of police, even algorithms intended for unbiased and nonpunitive purposes are likely to be warped or abused. For whatever its underlying capabilities, every technology is shaped by the people and institutions that wield it. Unless cities alter the police’s core functions and values, use by police of even the most fair and accurate algorithms is likely to enhance discriminatory and unjust outcomes.”

**Mathematician Ben Green**



Pasco's sheriff created a futuristic program to stop crime before it happens.

It monitors and harasses families across the county.



The Times also investigated another sheriff's office program that used data from the local school district and the state Department of Children and Families to assemble a list of children deemed likely to become criminals. Factors that contributed to inclusion on the list included student grades and abuse histories.

Tampa Bay Times NEWS SPORTS OPINION LIFE & CULTURE FOOD Obituaries Classifieds

## Pasco sheriff discontinues controversial intelligence program, court documents say

The sheriff's office phased out its practice of focusing on people deemed likely to commit crimes in the future, according to documents in a lawsuit.

[f](#) [in](#) [✉](#) [↵](#)





JANUARY 12, 2023 | 7 MIN READ

## Half of the 250 Kids Expelled from Preschool Each Day Are Black Boys

Racism and overstressed teachers help explain high expulsion rates for Black preschool boys

BY [SARA NOVAK](#)





**Palantir**

*Technologies*

# PALANTIR TOOLS FOR LAW ENFORCEMENT

- Histogram helper – View and compare Object, Property and Link Frequency
- Map Application: Basics – Allows Geosearches
- Heatmap helper
- ALPR helper



IMAGE: JASON ALDEN/BLOOMBERG VIA GETTY IMAGES

**MOTHERBOARD**  
TECH BY VICE

# Revealed: This Is Palantir's Top-Secret User Manual for Cops

## WHAT CAN PALANTIR DO?

If police have a name that's associated with a license plate, they can use automatic license plate reader data to find out where they've been, and when they've been there. This can give a complete account of where someone has driven over *any* time period.

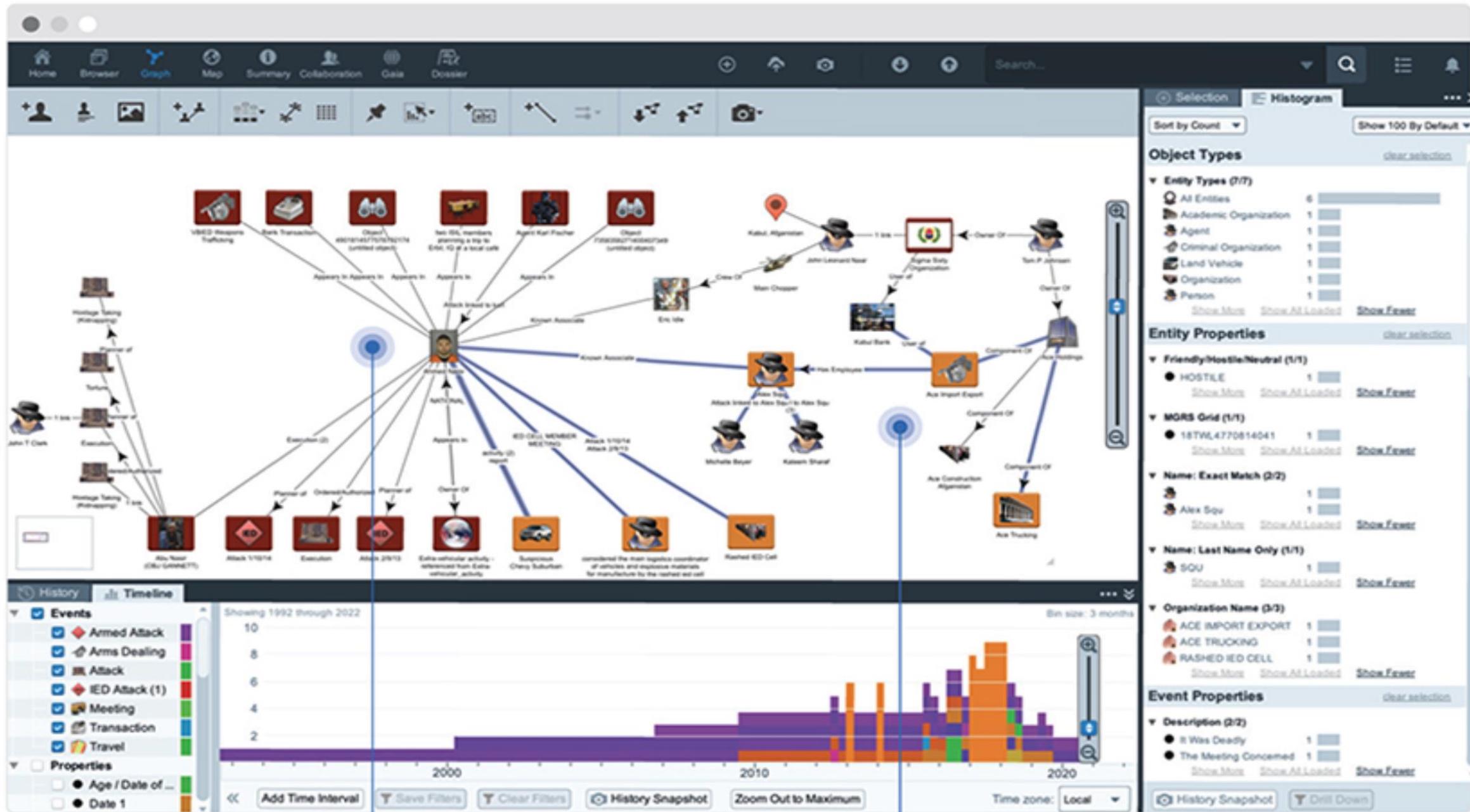
With a name, police can also find a person's email address, phone numbers, current and previous addresses, bank accounts, social security number(s), business relationships, family relationships, and license information like height, weight, and eye color, as long as it's in the agency's database.

The software can map out a person's family members and business associates of a suspect, and theoretically, find the above information about them, too.

**Revealed: This Is**

**Palantir's Top-Secret**

# GOTHAM: GRAPH



# GOTHAM: DOSSIER

MU

NETWORK: MILLER ORGANISE...  
Owner | Updated a few seconds ago

File View

Showing Authors

Share 3

Exit

Created by **bob vasey**  
on March 11, 2019

Labels

**FENTANYL**

Outline

- NETWORK: MILLER ORGANISED CRIME GROUP
- 03112019 - NORTH AMERICAN NARCO-TRAFFICKING UNIT
- OVERVIEW
- March 2017 Fentanyl Seizure
- VESSEL DETAILS

## NETWORK: MILLER ORGANISED CRIME GROUP

03112019 - NORTH AMERICAN NARCO-TRAFFICKING UNIT

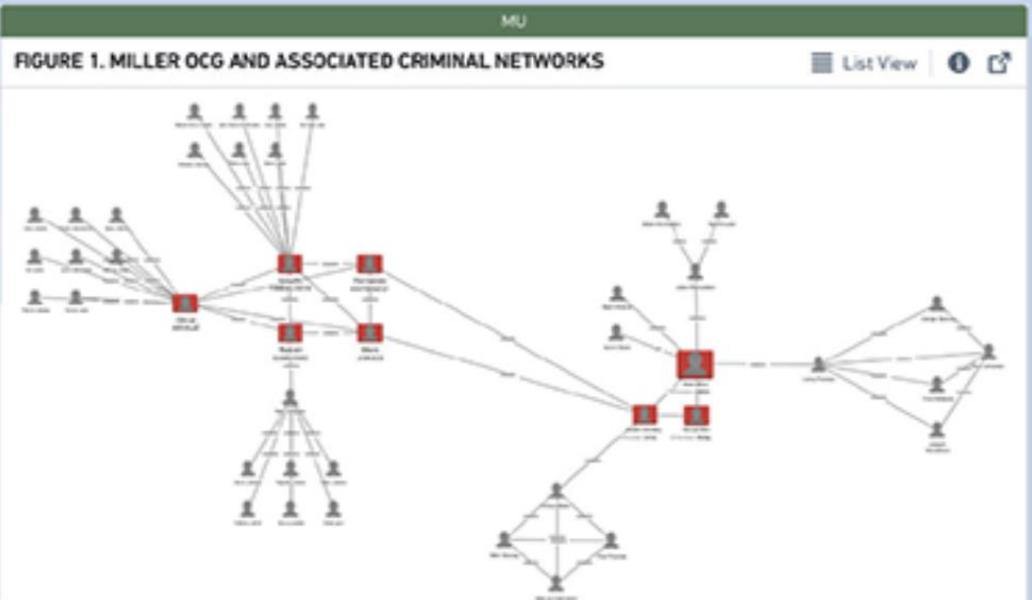
### OVERVIEW

- The **ARAUZ ORGANISED CRIME GROUP [OCG]** is led by **Mark Miller**
- It is a Mexico-based OCG involved in the importation of narcotics, including fentanyl, into Mexico, followed by onward trafficking into the United States

MU

FIGURE 1. MILLER OCG AND ASSOCIATED CRIMINAL NETWORKS

List View





**PRESS RELEASE**

# 120 Members And Associates Of Two Rival Street Gangs In The Bronx Charged In Federal Court With Racketeering, Narcotics, And Firearms Offenses



The Intercept\_



The Intercept\_

0:00 / 22:21

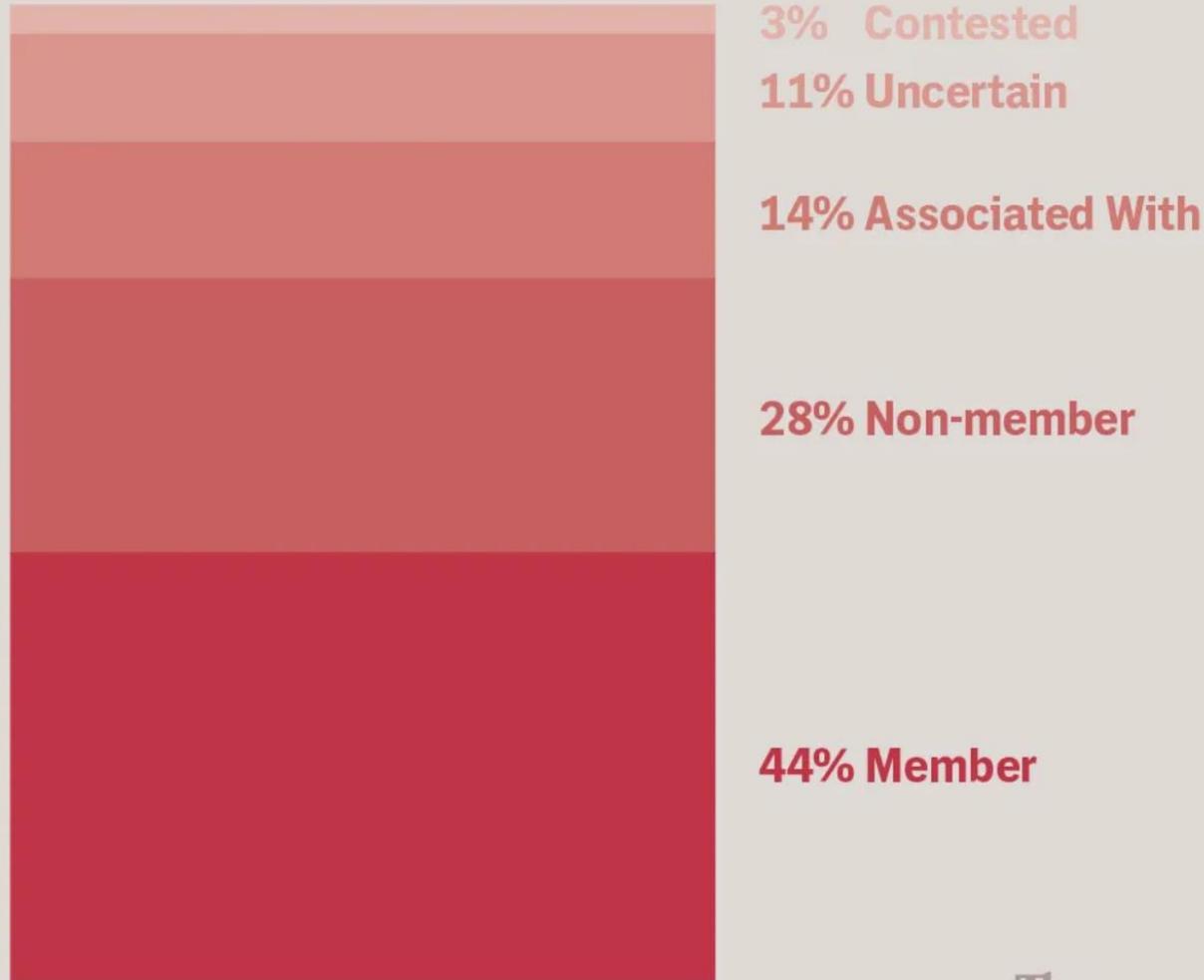


BECOME  
A MEMBER

# THE LARGEST GANG RAID IN NYC HISTORY SWEPT UP DOZENS OF YOUNG PEOPLE WHO WEREN'T IN GANGS

The prosecution of the Bronx 120 raises serious questions

# Alleged Gang Membership



Source: Report on the Bronx 120 Mass "Gang" Prosecution

The Intercept

There is absolutely no protection from false accusations of gang membership; there's no criminality required, no notice required, no review, no audit, no assurance that that label means anything," said Howell. "We are in a world where the label and the surveillance that law enforcement has engaged in just takes on a life of its own."

More than half of the 120 indicted in the "largest gang takedown" in New York City history were never actually alleged by prosecutors to be gang members at all. Graphic: Soohie Cho/The Intercept

# Weathering

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*The*

EXTRAORDINARY STRESS

*of ORDINARY LIFE in an*

UNJUST SOCIETY

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Arline T. Geronimus

## DEFINING THE PROBLEM

“How we define a problem will determine how we arrive at the solutions and how effective those solutions will be”

“Systemic problems call for systemic change”

# RECOMMENDATIONS

NACDL's top line recommendation on data-driven policing tools based on years of research by its Task Force on Predictive Policing is that **police departments must not utilize data-driven policing technologies because they are ineffective; lack scientific validity; create, replicate and exacerbate “self-perpetuating cycles of bias”; hyper-criminalize individuals, families, and communities of color; and divert resources and funds from communities that should be allocated towards social services and community-led public safety initiatives.**



## RECOMMENDATIONS

While NACDL does not believe these technologies should be used, it is clear that these technologies are being considered or have been implemented in cities and towns across the country. The following recommendations are harm mitigation tactics to lessen the negative impact of this technology. With that understanding, NACDL calls on DOJ to:

- Carefully consider whether federal law enforcement agencies should use these technologies at all;
- Condition federal funding on strict and expansive validation and disclosure requirements; and
- Increase requirements on companies providing the technology to open their systems to external validation and review by the criminal legal system.

# APPENDIX

- NACDL “Garbage In, Gospel Out: How Data-Driven Policing Technologies Entrench Historic Racism and 'Tech-Wash' Bias in the Criminal Legal System” Wendy Lee, Jumana Musa and Michael Pinard  
<https://www.nacdl.org/Document/GarbageInGospelOutDataDrivenPolicingTechnologies>
- Comments to DOJ on Issues with the Use of Data-Driven Policing Technologies in EO14110 (May 2024)  
<https://www.nacdl.org/Document/CommentsDOJDataDrivenPolicingTechnology-05282024>
- “Dirty Data, Bad Predictions: How Civil Rights Violations Impact Police Data, Predictive Policing Systems, and Justice” Rashida Richardson, Jason Schultz and Kate Crawford  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3333423](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3333423)
- The Prison Policy Initiative “Mass Incarceration: The Whole Pie 2024” Wendy Sawyer and Peter Wagner  
<https://www.prisonpolicy.org/reports/pie2024.html#slideshows/slideshow6/2>
- “The Undue Influence of Surveillance Technology Companies on Policing” Elizabeth Joh, UC Davis School of Law  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2924620](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2924620)
- “Ethical AI in American Policing” Elizabeth Joh, UC Davis School of Law  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4096953](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4096953)