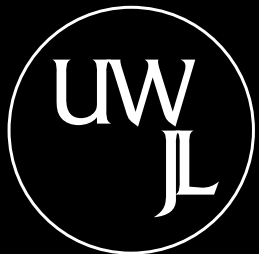


# In Memoriam

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- Deputy Richard “Rick” Treadwell



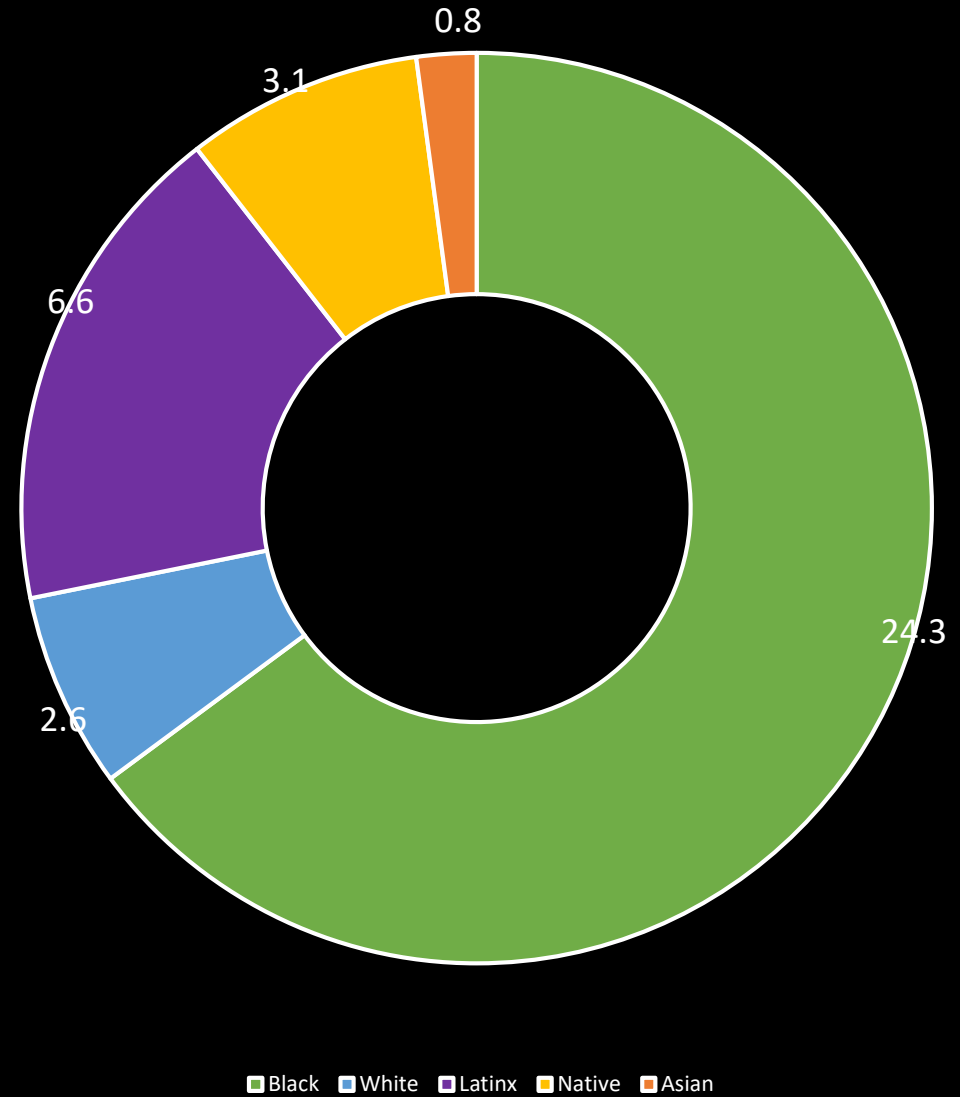
# Flattening the Curve in Dane County

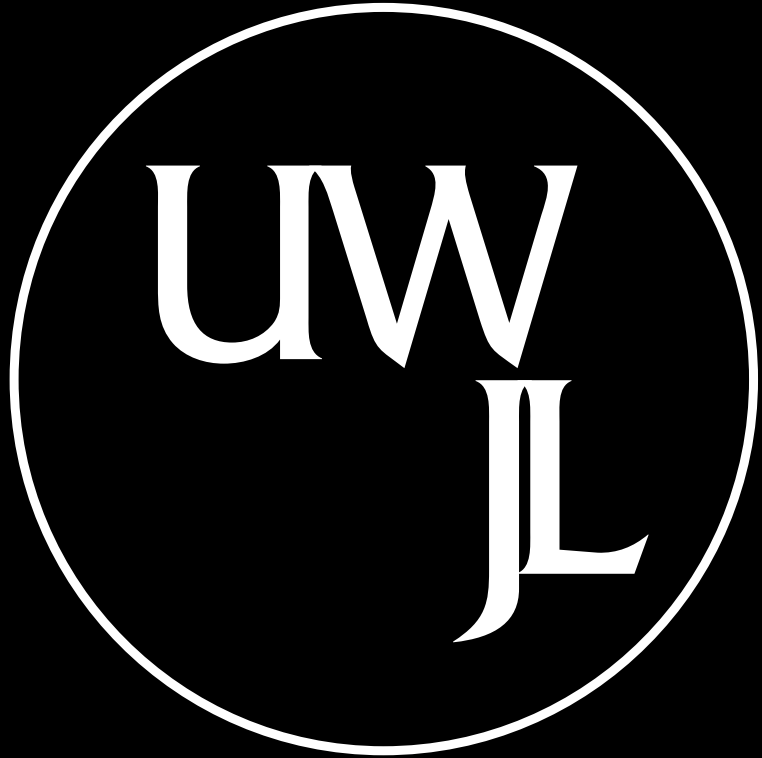
- Takeaways
- Providing Context: COVID Trends across Dane County
- Towards Smart Decarceration: reframing the narrative of public safety as public health
- Towards Smart Decarceration



# Hours of COVID exposure prevented per Dane County Resident, by race

Hours per person in the county prevented





<https://uwjusticelab.wisc.edu>

# COVID in Confined Spaces

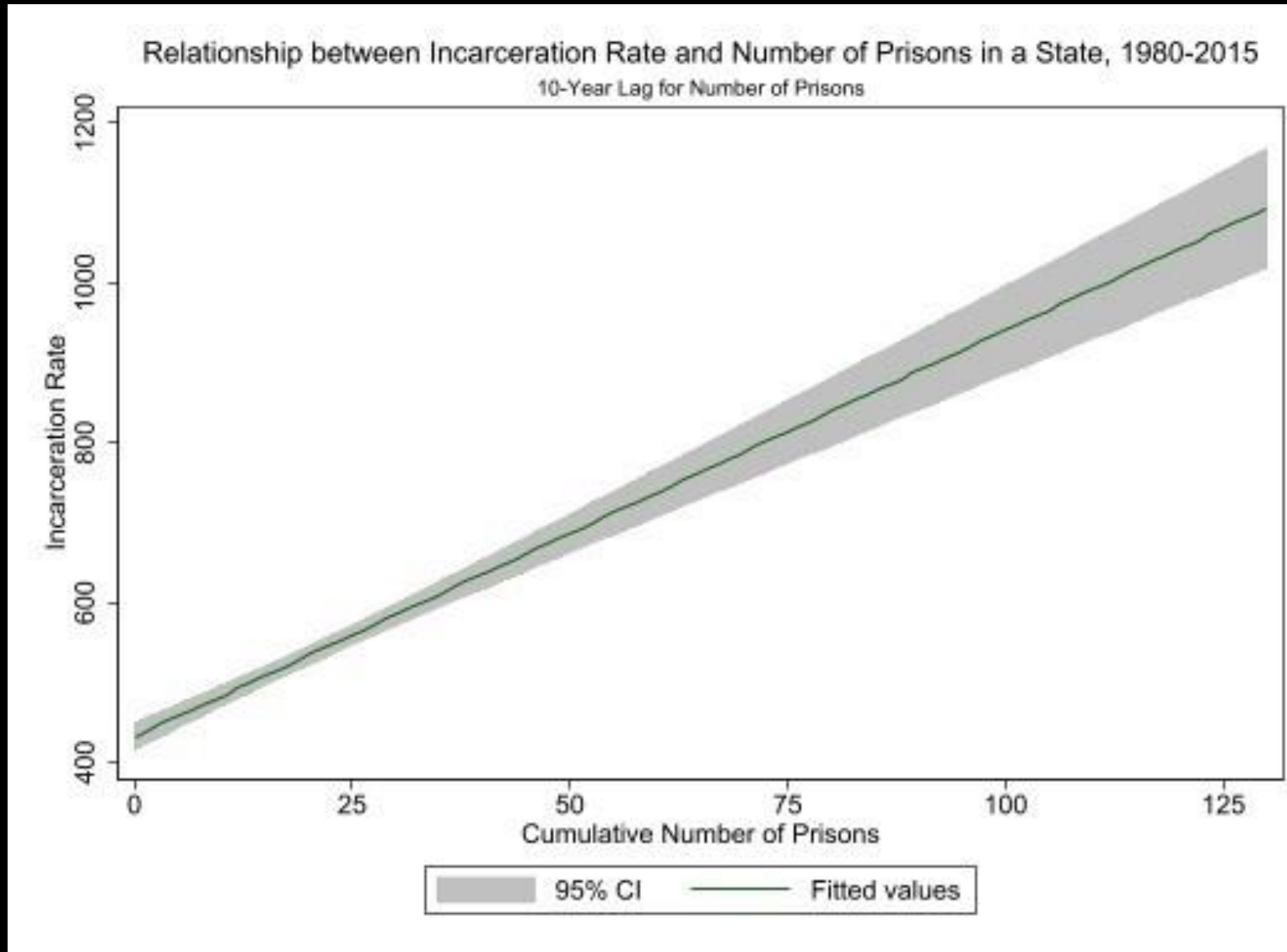
Flattening the Curve  
in Dane County

University of Wisconsin-Madison  
UW Justice & Applied Population Labs  
John M. Eason & Malia Jones

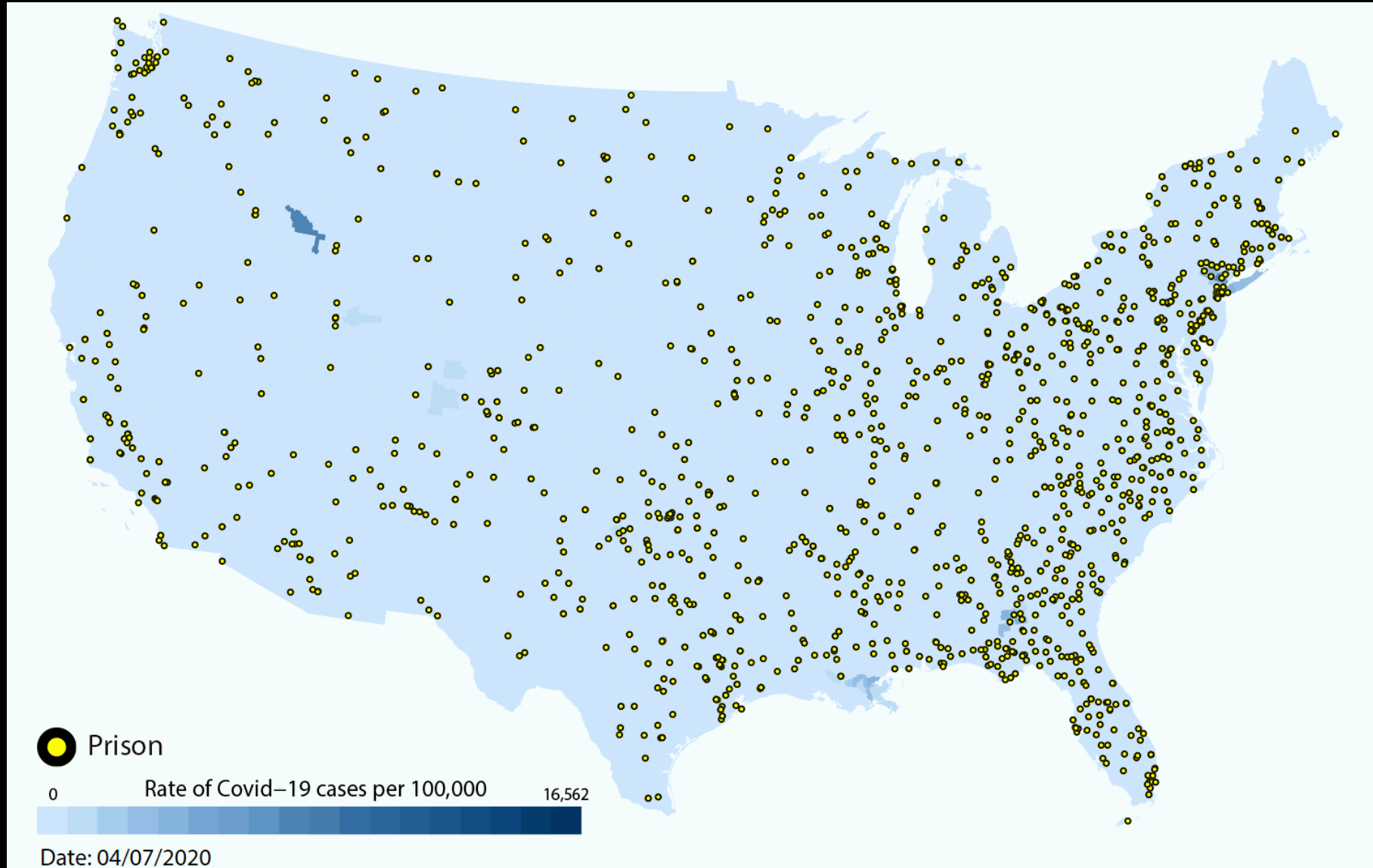


<https://uwjusticelab.wisc.edu/about/>

# The Prison Boom & Mass Incarceration



# COVID Rates by US Counties w/Prisons



# Dane County COVID-19 Dashboard

Data are updated daily at 10:30am. If we experience a delay in updating by 10:30am, data will be updated at 2:30pm.



## Numbers at a Glance

	People with COVID-19	People who are hospitalized	People who died
Totals	40,111	37	272
Change from yesterday	+82	-6	+0
Percent change over past two weeks	+16.8	-17.9	—
2 week trend	↑ Increase	↓ Decrease	—

## Dive into the Data!

Click an icon to learn more:



People



Tests



Percent Positivity



Trends by Age



Trends in Race/Ethnicity



Trends in hospitalizations and deaths



People hospitalized or deceased



People Vaccinated



Vaccination Doses Given

## Vaccination progress

16.7%



of Dane County residents have received at least one dose of the COVID-19 vaccine

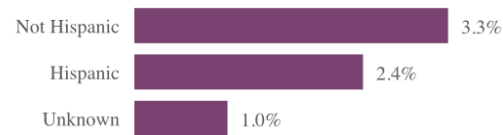




# ← People Hospitalized & Deceased

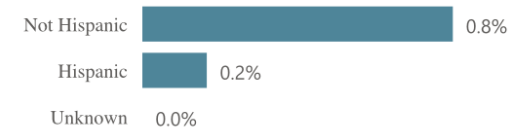
Total people ever hospitalized  
**1,223**

Percentage of people hospitalized in each ethnicity category

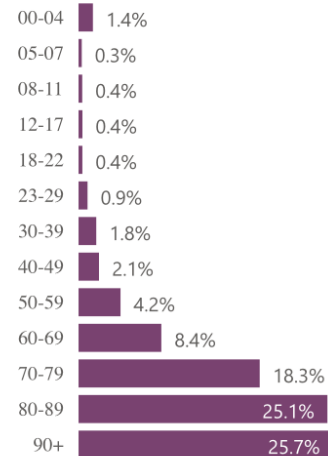


Total people who died  
**272**

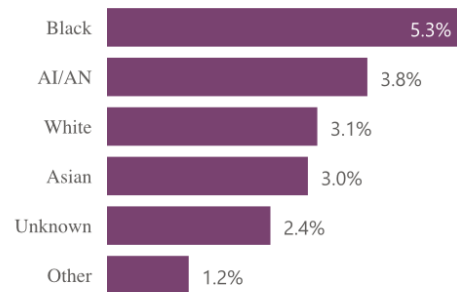
Percentage of people who died in each ethnicity category



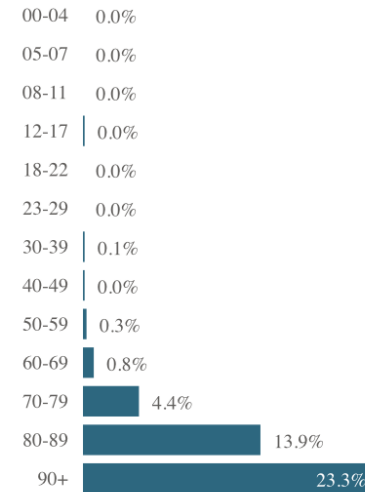
Percentage of people hospitalized in each age group



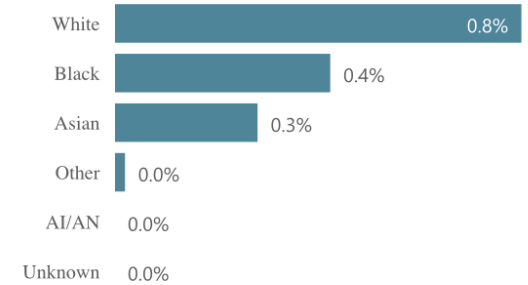
Percentage of people hospitalized in each race category



Percentage of people who died in each age group



Percentage of people who died in each race category

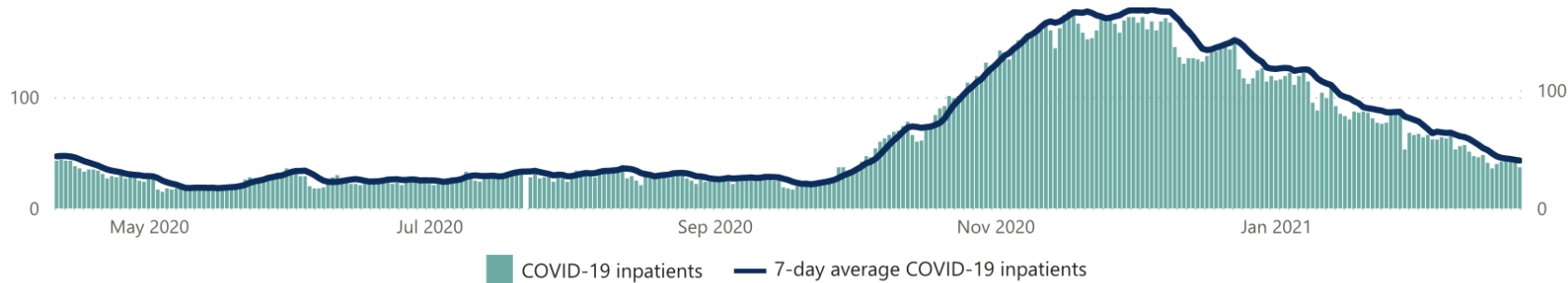


The graphs on this page represent the percentage of people who tested positive who were hospitalized or who died within each group. You would read the hospitalizations age graph as x% of people age 40-49 years who tested positive for COVID-19 were hospitalized.



# ← Hospitalizations & Deaths: Trends

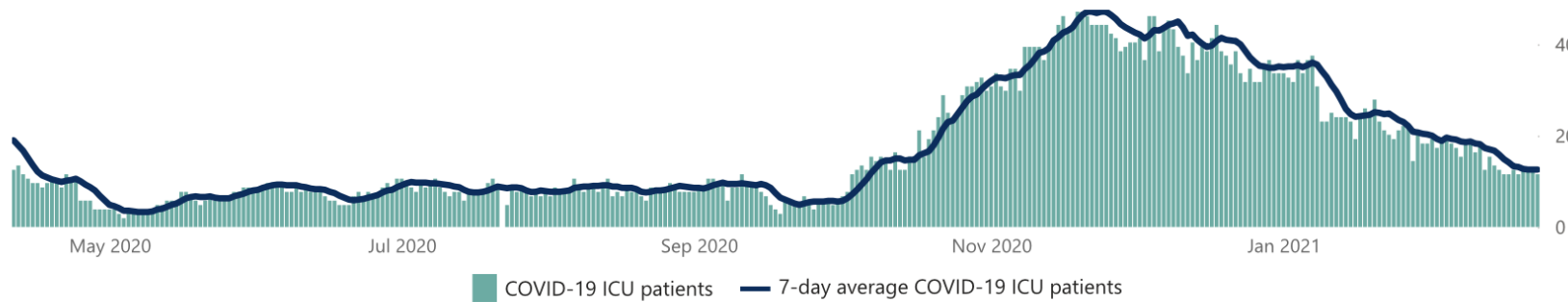
## COVID-19 Inpatients



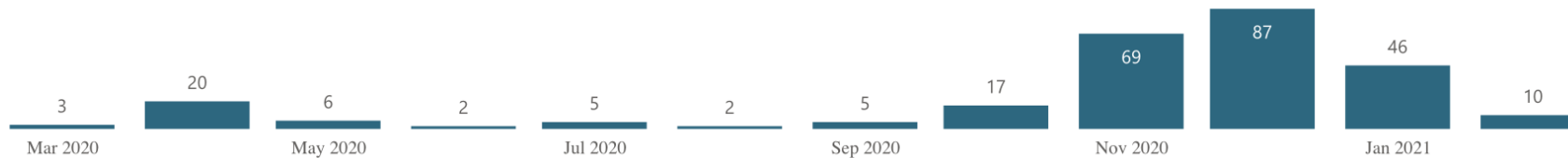
Select a time frame for hospitalizations

- Select all
- 3+ weeks ago
- Past 2 weeks

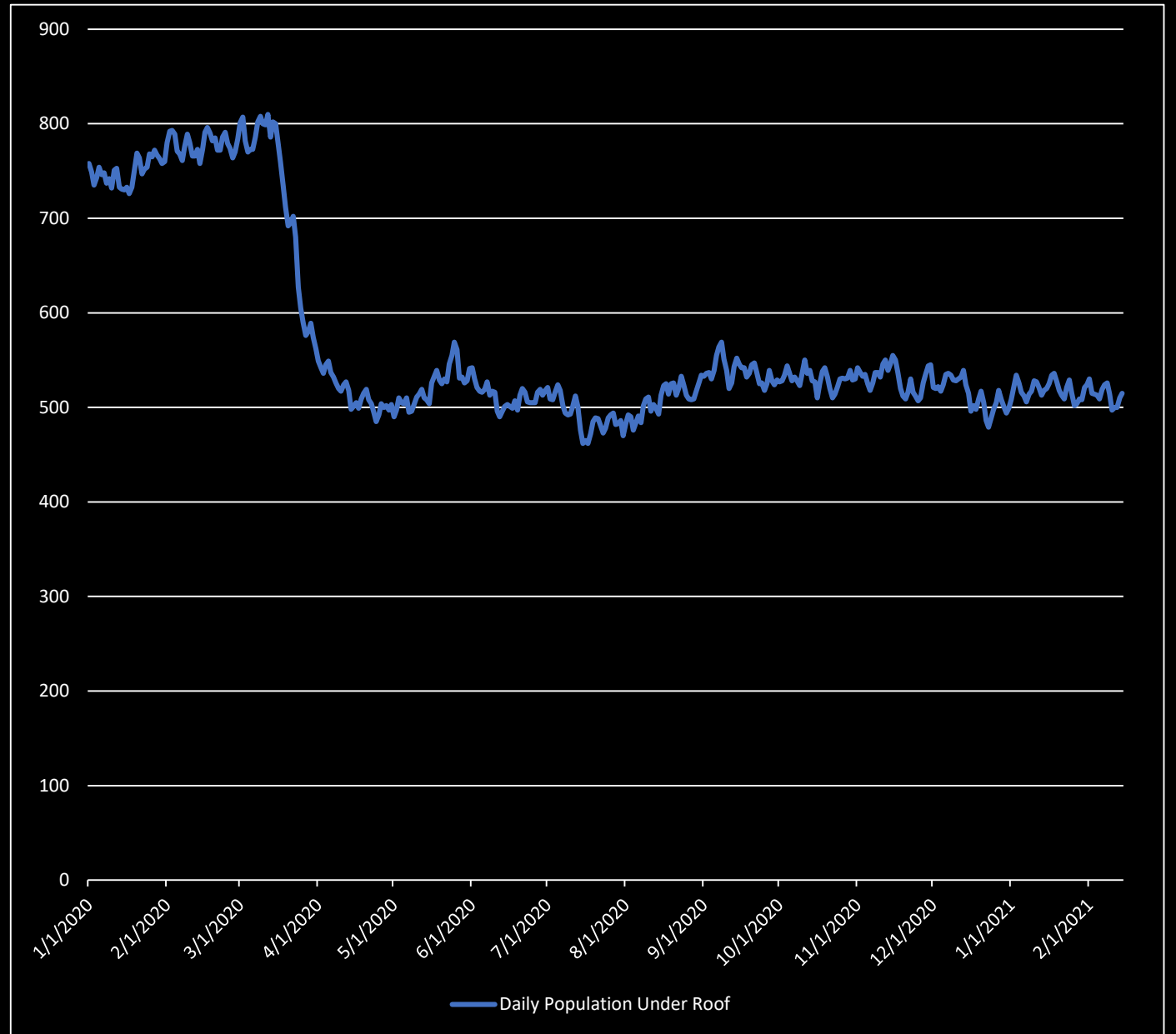
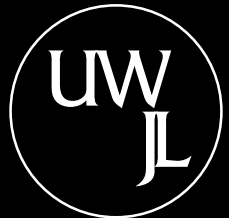
## COVID-19 Inpatients in the Intensive Care Unit (ICU)



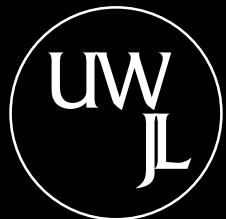
## Number of people who died by month and year



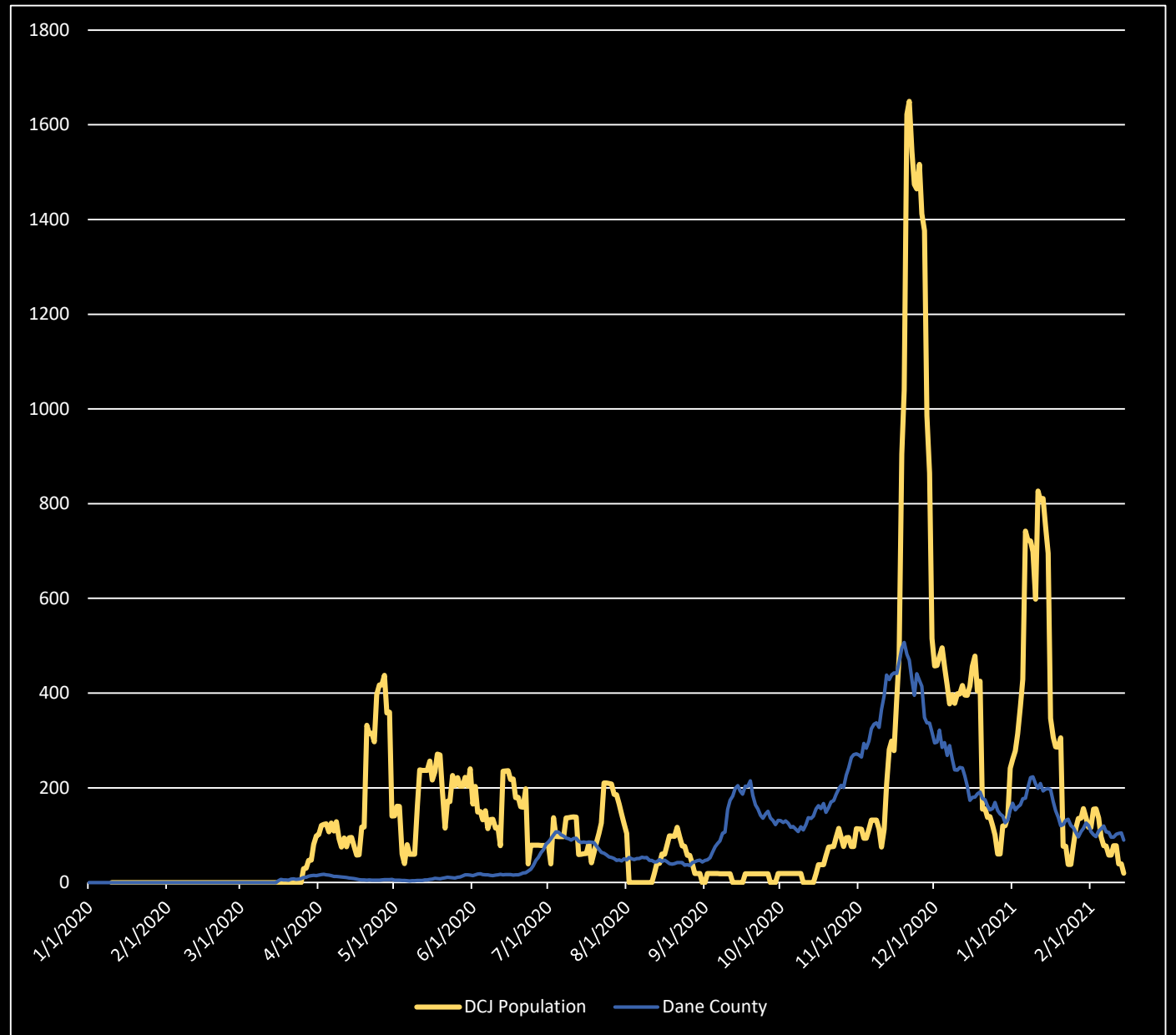
# Dane County Jail Under- Roof Population



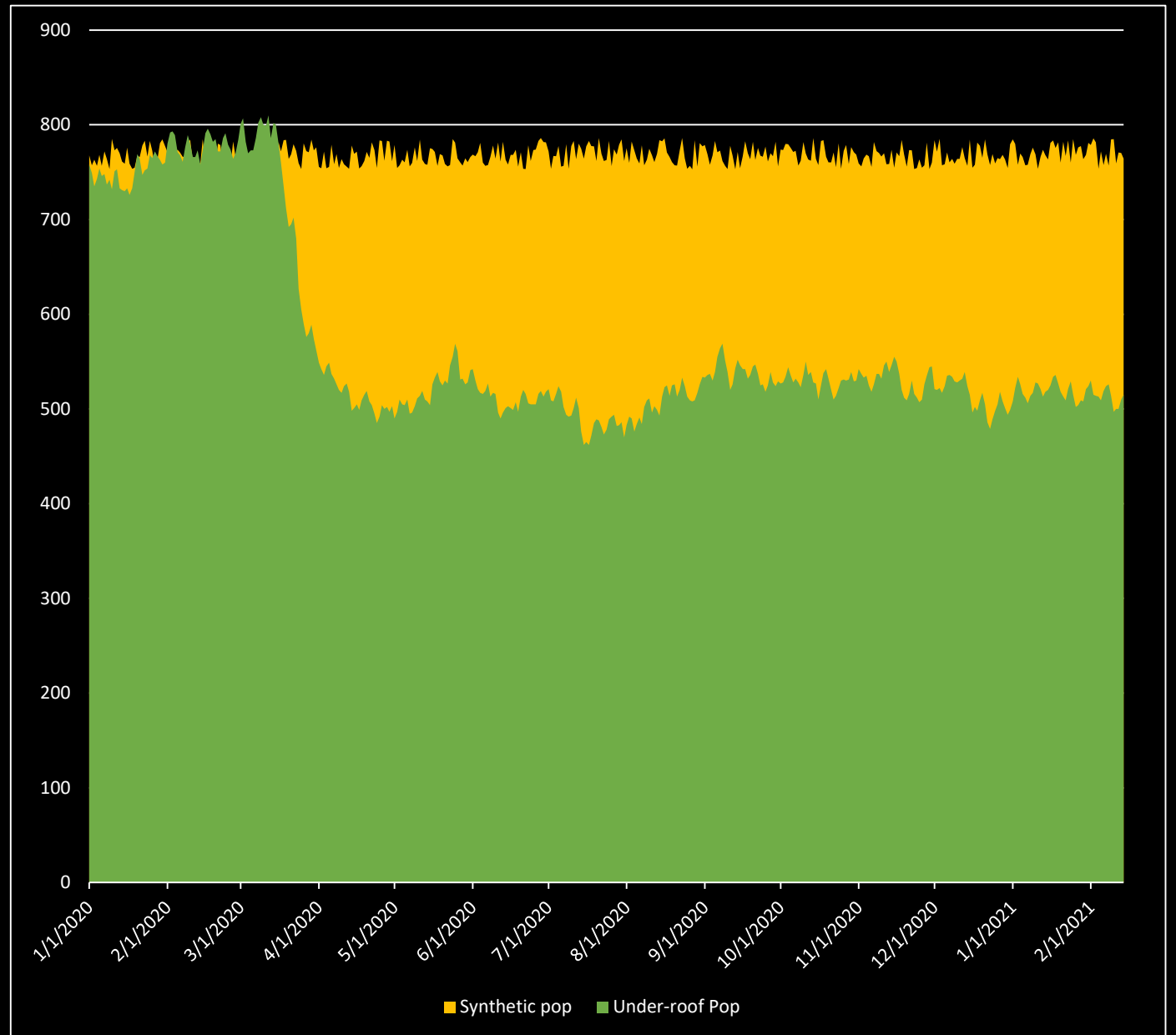
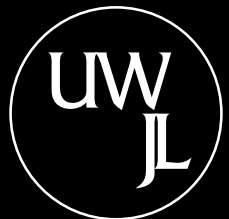
# Under-Roof Population by Race/Ethnicity



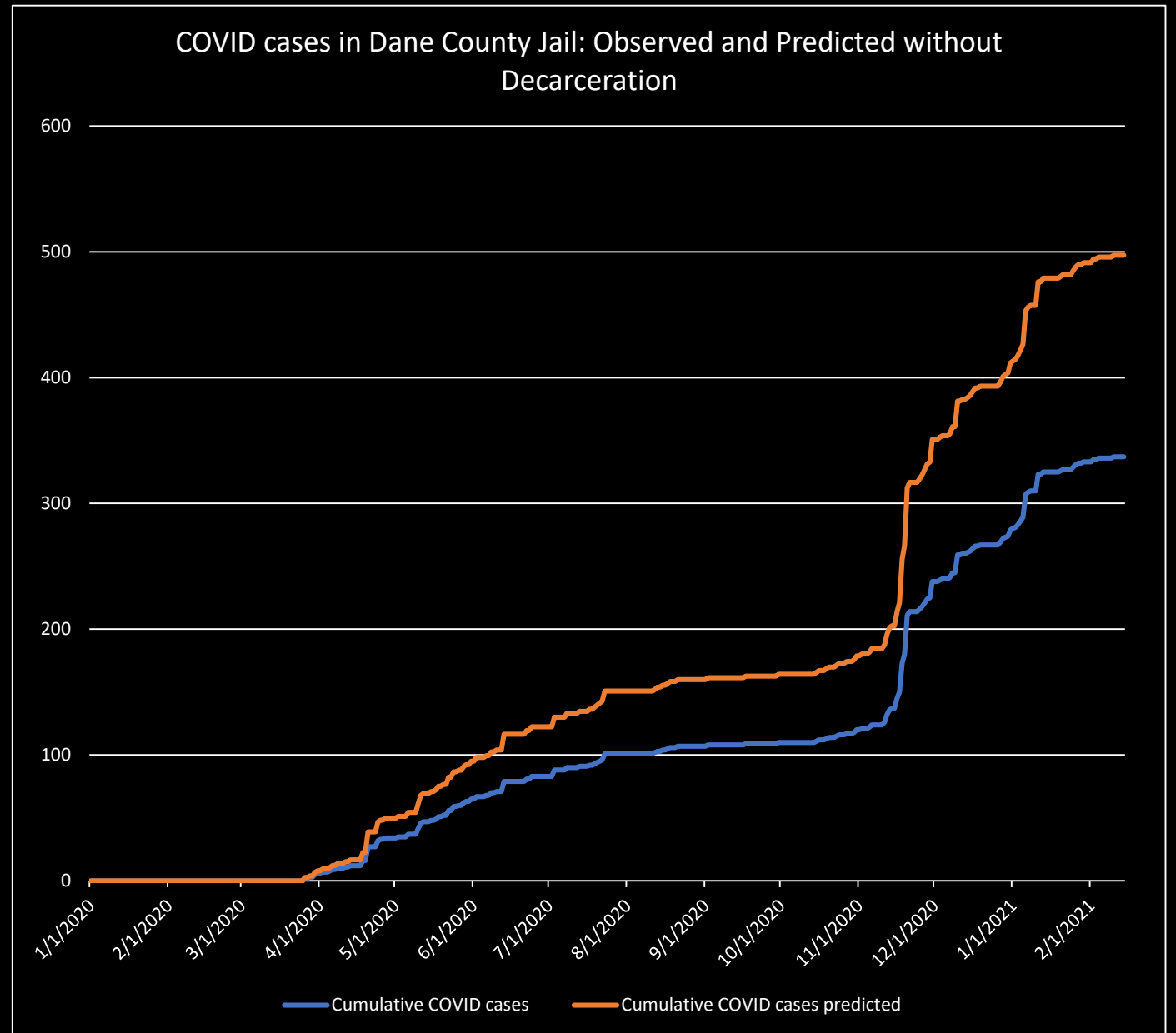
# COVID Incidence per 100,000 (10-day rolling averages) Dane County v. Dane County Jail



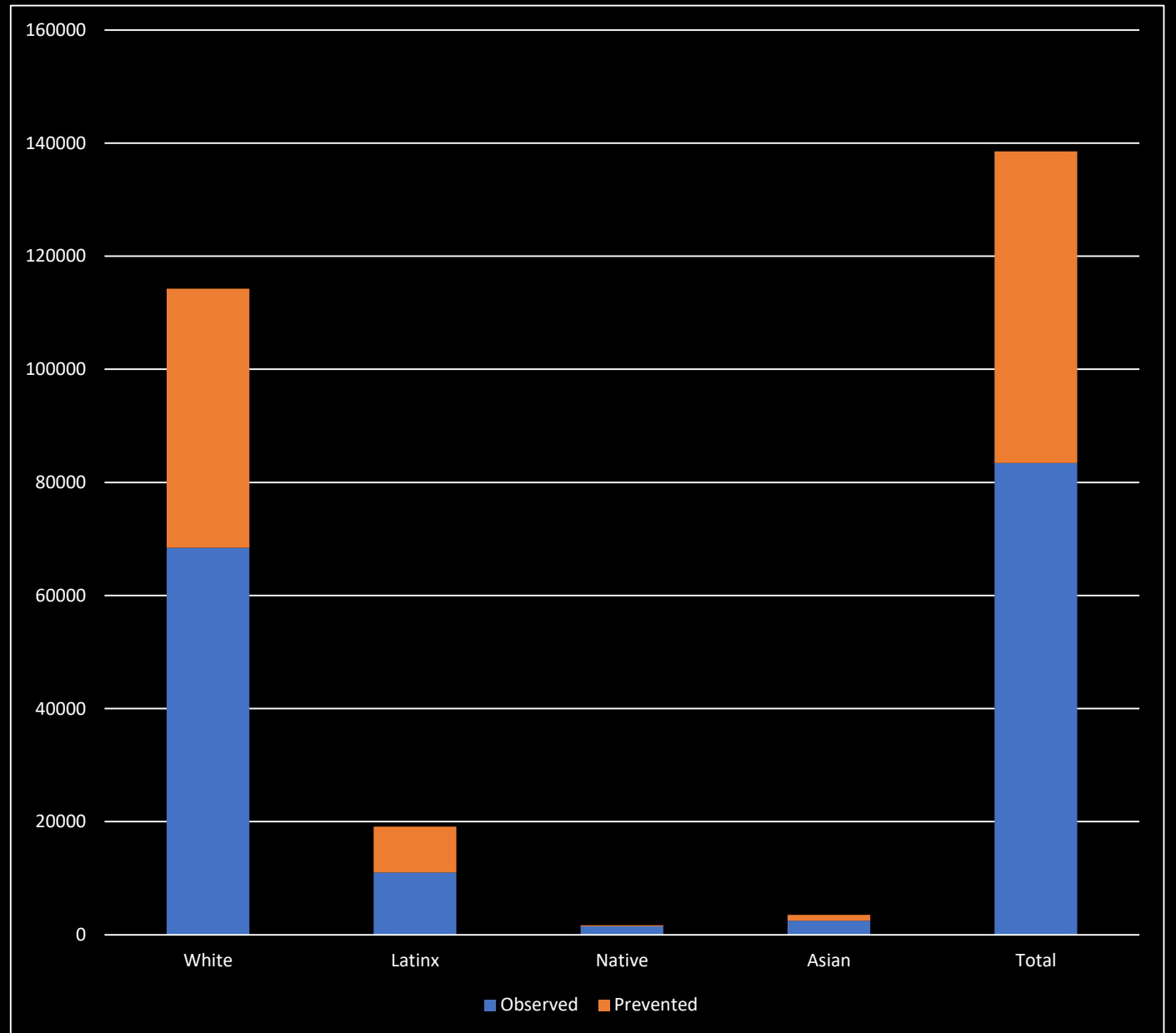
# The Effect of Decarceration on COVID



# People not exposed to COVID in Dane County Jail from Decarceration



# Person-days Exposure by Race & Person-days of Prevented Exposure





# Person-time exposure to COVID in Dane County Jail prevented

Black	White	Latinx	Native	Asian
76 years	126	22	1	3
3,456 work days	5,727 work days	1,010 work days	25 work days	129 work days
691 work weeks	1,145 work weeks	202 work weeks	5 work weeks	26 work weeks
663,457 hours	1,099,635 hours	193,948 hours	4,890 hours	24,776 hours
2.7 million 15-minute exposure increments	4.4 million 15-minute exposure increments	776,000 15-minute exposure increments	20,000 15-minute exposure increments	99,000 15-minute exposure increments



# Towards Smart Decarceration...

- Narrative Change: reframing public safety as public health
- CJC member policy updates/changes?



# Continuing to Flatten the COVID Curve

- Backcasting
- Forecasting
- Incorporating Testing Data
- Agent Based modeling

