

Dane County Jail
Race and Ethnicity Disparity Analysis

James Austin, Ph.D.
JFA Institute

Table 1. National Socio-Economic Status Indicators by Race/Ethnicity

SES Measure	White	Black	Hispanic	Black to White	Hispanic to White
% Poverty	7%	19%	16%	+12%	+9%
Median Income	\$65,902	\$41,511	\$51,404	-37%	-22%
% College	35%	25%	18%	-10%	-17%
% Home Ownership	73%	42%	48%	-31%	-25%
% Married	59%	39%	54%	-20%	-5%
Teenage Births per 1,000	13	29	28	2.2	2.2
Household Mother Alone	6%	19%	13%	+13%	+7%

Table 2. National Criminal Justice System Rates by Race/Ethnicity

Key Indicators	White	Black	Hispanic	White Ratio	Black Ratio	Hispanic Ratio
% Population	60%	13%	18%			
Crime and Arrests						
NCVS - Violent Crimes	50%	22%	14%	0.8	1.7	0.8
Arrested	55%	27%	18%	0.9	2.1	1.0
Arrested Violent	46%	33%	18%	0.8	2.5	1.0
Corrections						
% Jail	50%	33%	15%	0.8	2.5	0.8
% Prison	31%	33%	22%	0.5	2.5	1.2
% Prison Violent Crimes	48%	62%	62%	0.8	4.8	3.4
% Probation	55%	30%	13%	0.9	2.3	0.7
% Parole	46%	37%	15%	0.8	2.8	0.8

Figure 1. Jail Incarceration Rates
Dane County vs. US

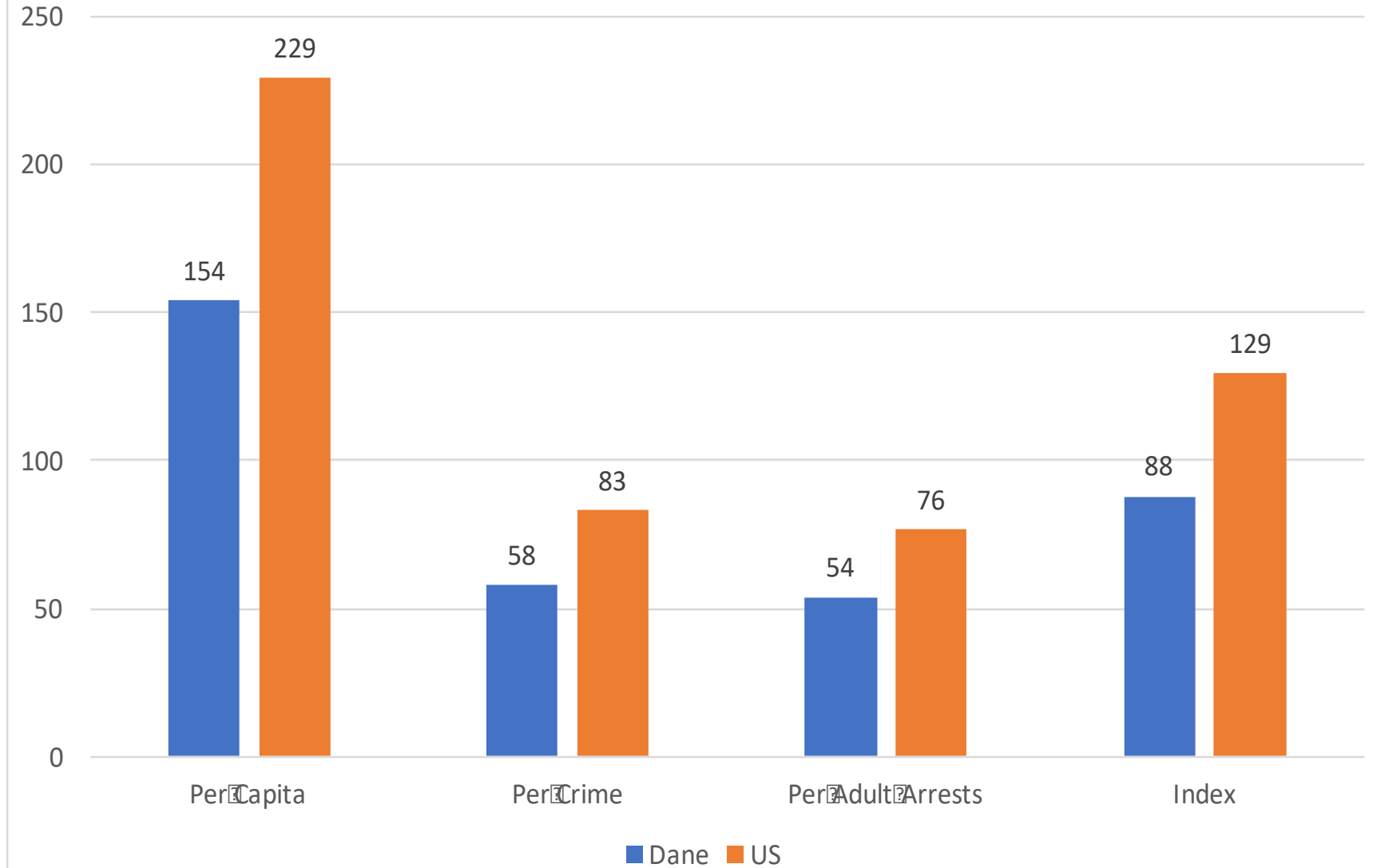


Table 3. 2018 Crime and Arrest Rates
U.S., Wisconsin and Dane County

Indicators	US	Wisconsin	Dane
Population	327,167,434	5,822,434	542,364
Crime rate per 100,000	2,569	2,299	2,259
Violent Crime Rate	369	295	273
Property Crime Rate	2,200	1,560	1,986
Total Arrests	10,310,960	247,032	18,055
Rate Per 100	3	4	3

Sources: UCR, Wisconsin DOJ, and U.S. Census

**Figure 2. Jail Incarceration Rates by Race/Ethnicity
Dane County vs. U.S.**

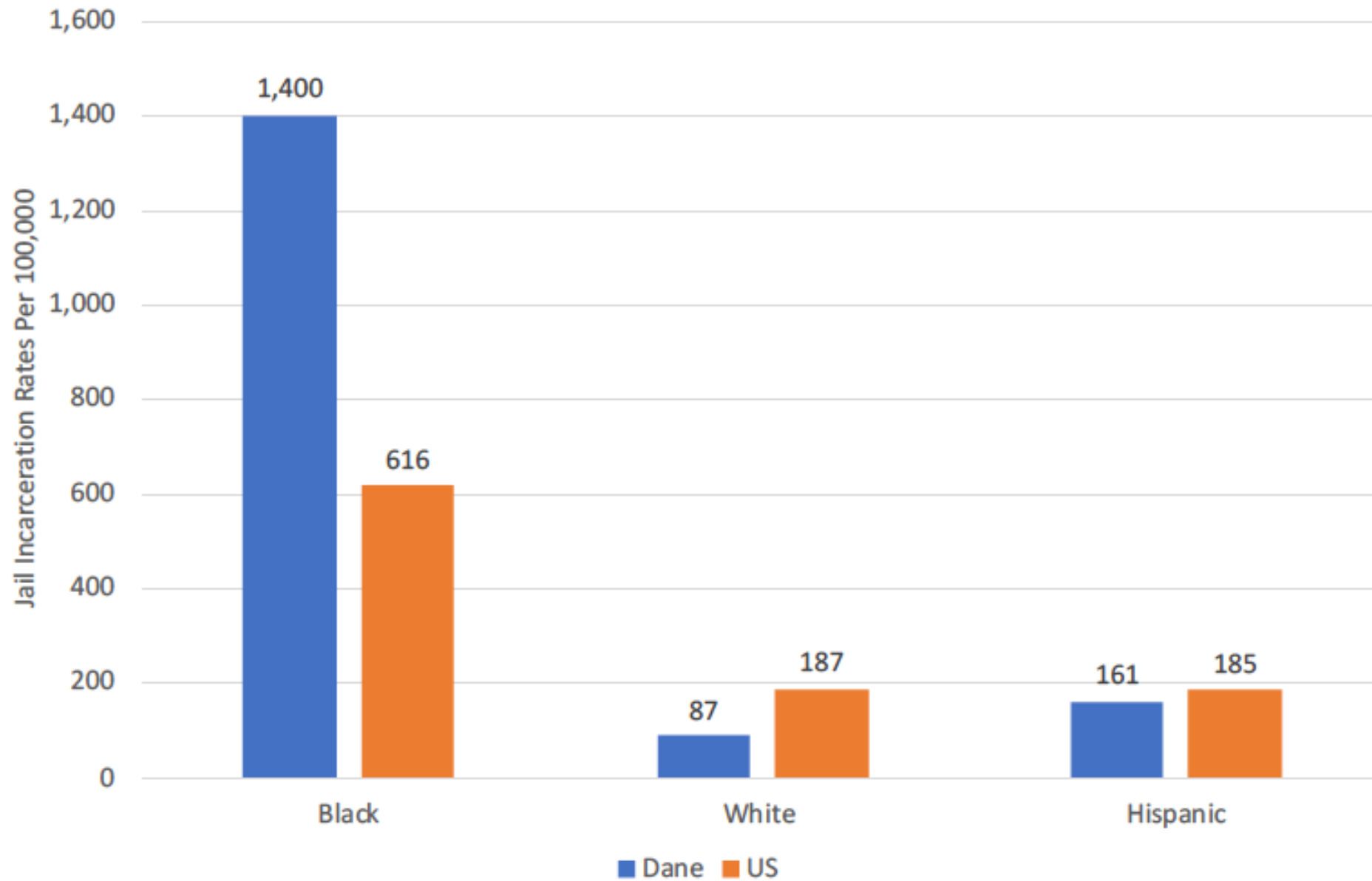


Table 4. Dane County Population by Race by Jurisdiction

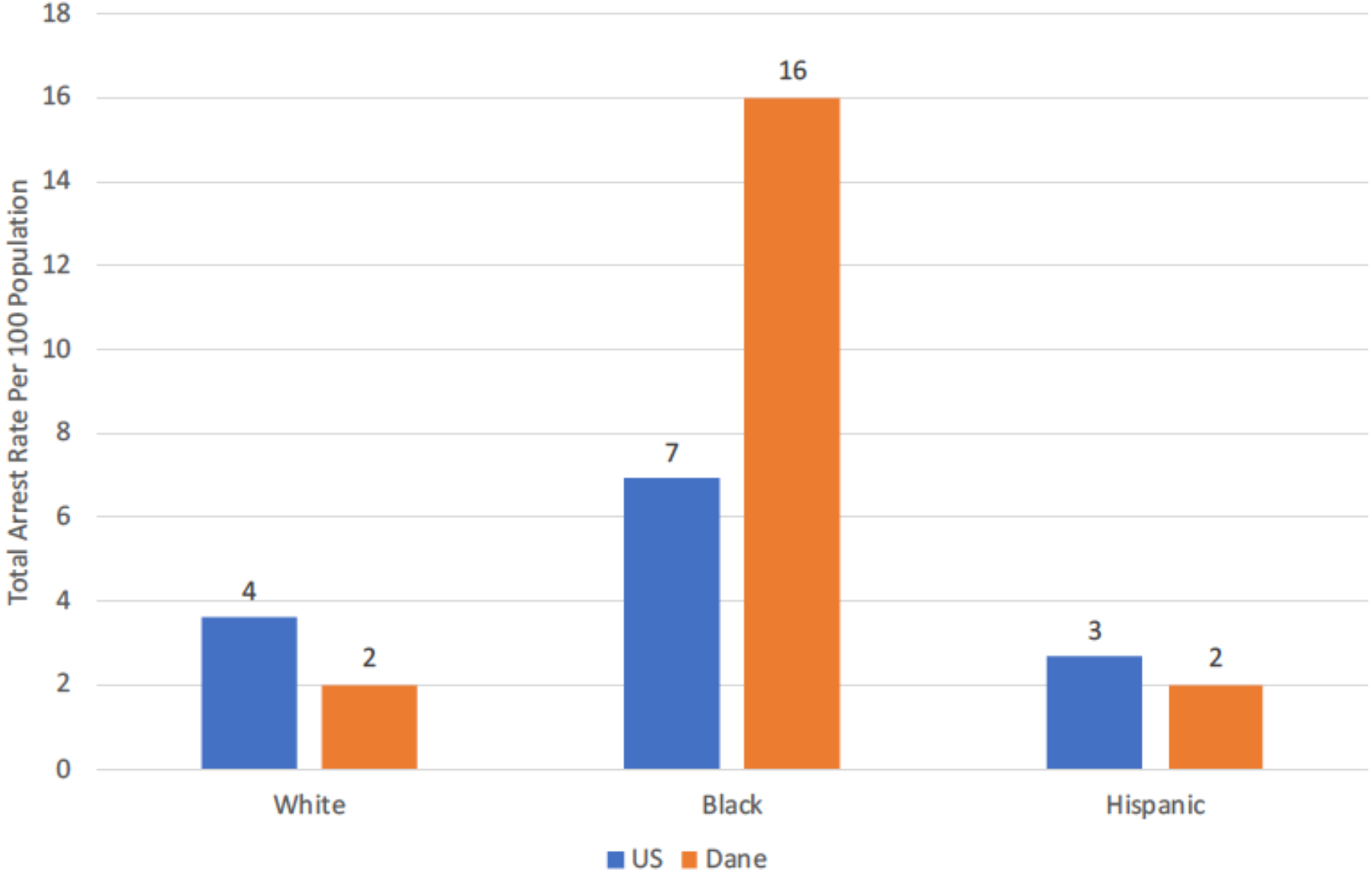
Jurisdiction	Total	Hispanic	White	Black
Fitchburg	27,914	4,829	18,289	2,684
Madison	248,856	17,473	185,297	16,024
Middleton	18,951	854	15,282	1,263
Monona	7,989	440	7,121	140
Sun Prairie	32,112	1,588	25,458	2,455
Verona	27,914	4,829	18,289	2,684
Grand Totals	363,736	30,013	269,736	25,250
%	69%	8%	74%	7%
Dane County	529,638	32,985	438,930	26,715
%	100%	6%	83%	5%

**Table 5. Arrest Rates by Race and Ethnicity – 2018
Selected Cities**

	Population		Total Arrests				
	Population	%	N	%	Rate Per 100 Population	Relative Rate Ratio	Ave Charges Per Arrest
Total	363,736	100%	8,819	100%	2.4		
Hispanic	30,013	8%	441	5%	1.5	1.0	1.0
White	269,736	74%	4,051	46%	1.5	1.0	1.0
Black	25,250	7%	4,043	46%	16.0	10.7	1.1
Other	38,737	11%	284	3%	0.7	-0.5	1.1

*The RRR is ratio of the percentage of arrests for blacks, Hispanics and other racial groups as compared to the white percentage.

Figure 3. Total Arrest Rates Per 100 Population
U.S. vs. Dane County



**Table 6. Person Based Arrest Rates by Race and Ethnicity – 2018
Selected Cities**

Race/Ethnicity	Population		Total Arrests			
	City Population	%	Arrests	%	Rate Per 100 Population	RRR
Total	363,736	100%	5,997	100%	1.6	
Hispanic	30,013	8%	358	4%	1.2	1.1
White	269,736	74%	2,937	49%	1.1	1.0
Black	25,250	7%	2,482	41%	9.8	8.9
Other*	38,737	11%	220	4%	0.6	-0.5

*Includes other racial/ethnic groups or those who declined to report

**Table 7. Total Arrest Rates x Per 100 Population and Hispanic & Black to White Ratios by Race and Ethnicity – 2018
By Crime Type for Selected Cities**

Race/Ethnicity	Violent		Property		Drug		Disorderly Conduct		Other	
	Rate	RRR	Rate	RRR	Rate	RRR	Rate	RRR	Rate	RRR
Total	0.8	N/A	0.7	N/A	0.2	N/A	0.3	N/A	0.3	N/A
Hispanic	0.6	1.5	0.2	-0.5	0.1	-0.5	0.1	1.0	0.3	1.0
White	0.4	1.0	0.4	1.0	0.2	1.0	0.1	1.0	0.3	1.0
Black	6.1	15.3	4.4	11.0	1.3	6.5	1.9	19.0	1.3	4.3

**Table 8. Arrests by Race by Crime Category – 2018
Selected Cities**

	Total Arrests		Violent		Property		Drug		Disorderly		Other	
	N	%	%	RRR	%	RRR	%	RRR	%	RRR	%	RRR
Hispanic	441	5%	44%	1.8	16%	-0.6	9%	-0.8	16%	1.6	15%	-0.6
White	4,051	46%	25%	1.0	29%	1.0	11%	1.0	10%	1.0	25%	1.0
Black	4,043	46%	38%	1.5	27%	-0.9	8%	-0.7	12%	1.2	15%	-0.6
Other	284	3%	41%	1.6	23%	-0.8	8%	-0.7	10%	1.0	18%	-0.7

Table 9. Dane County Population, Arrests, Jail Bookings, Jail Population and Length of Stay by Race/Ethnicity - 2018

Race/Ethnicity	Population	Arrests	Jail	Jail Releases	Average LOS	Median LOS
Hispanic	8%	5%	6%	9%	26 days	2 days
White	74%	46%	46%	51%	24 days	2 days
Black	7%	46%	45%	37%	28 days	3 days

Table 10. Dane County Length of Stay (days) by Race/Ethnicity by Primary Offense - 2018

	Total	Violent	Property	Drug	Disorderly	Other
Hispanic	26	38	17	35	2	25
White	24	29	27	19	3	22
Black	28	47	27	29	6	20

Table 12. Summary of Cases Selected for Stress Test

Attribute	Number	Percent
Total	70	100%
Gender		
Female	24	34%
Male	46	66%
Race		
Black	35	50%
White	35	50%
Age Category		
17-24	28	40%
25-34	16	23%
35-44	14	20%
45 and older	12	17%
Number of Charges		
One	37	53%
Two	14	20%
Three	13	19%
Four	2	3%
Five or more	4	6%
Top Charge		
Simple battery	10	14%
Disorderly conduct	10	14%
Domestic violent	10	14%
Probation violator	10	14%
Resisting arrest	10	14%
Retail theft	10	14%
Trespassing	10	14%

The detailed qualitative study of a random sample of police encounters with its residents found little evidence of systemic racial bias in the how police use their discretion to arrest or not, and, what crime(s) to charge the defendant(s) with. This finding is consistent with prior studies that concluded much of the racial disparity at the point of arrest is explained by differential criminal behavior participation rates which are more strongly associated with SES (social economic status) status and not race.⁴ A limitation of this study was that it did not study bias in traffic stops, which other studies have found to be racially biased.⁵