# Explaining State Black Imprisonment Rates 1983-1999 Pamela E. Oliver and James E. Yocom University of Wisconsin – Madison

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#### Abstract

This paper addresses the problem of rising Black/White disparities in imprisonment and seeks to determine factors predicting which states will have the highest Black imprisonment rates for various offenses. Annual state imprisonment rates for 1983-1999 are calculated from the Correctional Populations of the United States (CPUS) and National Corrections Reporting Program (NCRP) data. Dependent variables are the logged Black and White rates of being "inprison" (CPUS) and of sentences to prison, and the first differences of the logged rates, disaggregated by offense group. Multivariate pooled time-series analysis using panel-corrected standard errors is employed to identify the correlates of Black and White imprisonment rates, for Blacks, with and without a control for the White imprisonment rate. Factors examined include Black and White poverty rates, homicide rates, and unemployment rates, as well as the percent Black, the percentage change in the percent Black, the average level of metropolitan segregation, and the presence of a Republican governor. All independent variables are lagged one year to clarify issues of causal order. Results show a much more complex interplay of inter-racial dynamics than previous theory has predicted. Low White poverty is the most consistent predictor of high Black imprisonment rates. Blacks generally have higher imprisonment rates where the percent Black is lower, while White imprisonment rates are lower where the percent Black is increasing. Imprisonment rates are higher where homicide rates are higher. Predictors of Black drug sentences are different from those for other kinds of sentences.

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Table 1. Classification of states by % Black and Dissimilarity (N= in NCRP sample)

Perd	cent	Black		Dissimilarity Index (Sorted)							
State	Ν		Ζ	State	DissN	State	DissN				
< 8% Black		8-20% Black		Delaware (10)	0.300	Louisiana (22)	0.640				
Arizona (4)	0	Arkansas (5)	0	Idaho (16)	0.310	Georgia (13)	0.641				
California (6)	1	Connecticut (9)	0	New Mexico (35)	0.350	Florida (12)	0.641				
Colorado (8)	1	Delaware (10)	0	New Hampshire (33)	0.360	Rhode Island (44)	0.660				
Idaho (16)	0	Florida (12)	1	Wyoming (56)	0.370	Arkansas (5)	0.660				
Indiana (18)	0	Illinois (17)	1	South Dakota (46)	0.390	Nebraska (31)	0.661				
Iowa (19)	1	Michigan (26)	1	Montana (30)	0.420	Massachusetts (25)	0.671				
Kansas (20)	0	Missouri (29)	1	Utah (49)	0.451	Connecticut (9)	0.670				
Kentucky (21)	1	New Jersey (34)	1	South Carolina (45)	0.481	Kentucky (21)	0.671				
Massachusetts (25)	1	New York (36)	1	Arizona (4)	0.480	Maryland (24)	0.691				
Minnesota (27)	1	Ohio (39)	1	North Carolina (37)	0.491	Missouri (29)	0.701				
Montana (30)	0	Pennsylvania (42)	1	Nevada (32)	0.501	New Jersey (34)	0.731				
Nebraska (31)	1	Texas (48)	1	Washington (53)	0.521	Pennsylvania (42)	0.741				
Nevada (32)	1	Virginia (51)	1	Oregon (41)	0.571	Ohio (39)	0.741				
New Hampshire (33)	0			Oklahoma (40)	0.580	Indiana (18)	0.760				
New Mexico (35)	0	20% + Black		Colorado (8)	0.581	Wisconsin (55)	0.781				
Oklahoma (40)	0	Alabama (1)	1	Kansas (20)	0.580	New York (36)	0.791				
Oregon (41)	1	Georgia (13)	1	Virginia (51)	0.601	Illinois (17)	0.801				
Rhode Island (44)	0	Louisiana (22)	0	West Virginia (54)	0.601	Michigan (26)	0.821				
South Dakota (46)	0	Maryland (24)	1	lowa (19)	0.601						
Utah (49)	1	Mississippi (28)	1	Mississippi (28)	0.611						
Washington (53)	1	North Carolina (37)	1	Minnesota (27)	0.611						
West Virginia (54)	1	South Carolina (45)	1	Texas (48)	0.621						
Wisconsin (55)	1			Alabama (1)	0.621						
Wyoming (56)	0			California (6)	0.631						

Table 2. Correlations Among Variables in Static Analysis

Table 2. Coll	Ciution	9 1 1111011	S varie	10105 111	Diane 1	illuly 51	5									,	
		White		Black	-	White Drug	% Black	D % Black	Diss	Rep Gov	White Pov				Blk Unem	Whi Unem	Year
Black CPUS	1.00																
White CPUS	0.56	1.00															
Black Non Drug	0.57	0.06	1.00														
Black Drug	0.57	0.38	0.47	1.00													
White Non Drug	0.19	0.56	0.31	0.31	1.00												
White Drug	0.24	0.52	0.18	0.65	0.65	1.00											
% Black	-0.29	0.07	-0.36	0.05	0.27	0.33	1.00										
Change % Black	0.17	-0.18	0.36	0.04	-0.36	-0.29	-0.42	1.00									
Dissimilarity	-0.22	-0.43	-0.13	-0.06	-0.37	-0.18	0.01	-0.07	1.00	)							
Repub Gov	0.23	0.07	0.16	0.18	-0.04	0.04	-0.03	0.05	0.04	1.00	)						
White Poverty	-0.23	0.25	-0.31	-0.46	0.08	-0.12	-0.01	-0.21	-0.31	-0.15	1.00	)					
Black Poverty	-0.33	-0.15	-0.13	-0.44	-0.17	-0.35	0.12	-0.01	0.12	-0.01	0.37	1.00					
White Homicide	-0.05	0.54	-0.06	0.02	0.40	0.33	0.17	-0.52	-0.22	2 -0.19	0.39	-0.08	1.00				
Black Homicide	0.03	0.01	0.22	0.13	0.03	0.07	-0.12	0.13	0.37	0.03	-0.15	-0.04	0.15	1.00			
Black Unemployed	-0.04	-0.06	0.11	-0.31	-0.33	-0.47	-0.41	0.24	-0.13	0.10	0.25	0.32	-0.15	-0.07	1.00		
White Unemployed	-0.08	0.04	-0.03	-0.18	-0.15	-0.20	-0.49	-0.07	0.17	0.01	0.30	0.11	0.26	0.21	0.41	1.00	)
Year	0.59	0.45	0.18	0.65	0.26	0.37	0.04	0.16	-0.23	0.20	-0.20	-0.47	-0.14	0.04	-0.26	-0.22	1.00
Year Squared	-0.11	-0.02	-0.15	-0.36	0.04	-0.12	0.02	-0.08	0.00	0.01	0.24	-0.01	-0.09	-0.26	-0.03	-0.08	-0.01

Note: Correlations between independent and dependent variables are bolded if their magnitude is greater than  $.2 (R^2 > .04)$ .

Table 3. Regression of White Imprisonment and New Sentences on Independent Variables. All are Logged Rates Per 100,000

	White CPUS	In Prison		White New Pris	son Sentences (No	, ,				
	All <sup>a</sup>	NCRP	NonDrug	NonDrug <sup>b</sup>	Drug	Drug	Drug <sup>b</sup>			
Year	0.051**	0.052**	0.028**	0.012**	0.061**	0.044**	0.042**			
	[0.001]	[0.001]	[0.001]	[0.002]	[0.006]	[0.005]	[0.006]			
% Black					0.015**	0.008**	0.009**			
					[0.004]	[0.003]	[0.003]			
Change % Black	-0.027**	-0.085**	-0.129**	-0.122**	-0.152**	-0.075**	-0.092**			
	[0.006]	[0.007]	[0.010]	[0.007]	[0.024]	[0.022]	[0.024]			
Dissimilarity	-1.074**	-1.053**		-1.864**		-1.059**	-1.353**			
	[0.043]	[0.058]		[0.139]		[0.183]	[0.219]			
White Poverty						-0.077**	-0.074**			
						[0.014]	[0.014]			
Black Homicide				0.008**			0.005**			
				[0.001]			[0.002]			
White Homicide	0.120**	0.108**				0.096**	0.082**			
	[0.003]	[0.004]				[0.012]	[0.013]			
Black Unemployed				-0.019**		-0.033**	-0.033**			
				[0.003]		[0.010]	[0.010]			
Constant	5.270**	5.359**	3.703**	4.827**	1.803**	3.137**	3.216**			
	[0.035]	[0.048]	[0.010]	[0.077]	[0.048]	[0.170]	[0.182]			
Observations	675	612	453	453	453	453	453			
Number of States	44	39	29	29	29	29	29			
R2	0.65	0.67	0.23	0.45	0.29	0.45	0.45			
Model DF	4	4	2	5	3	7	8			

Standard errors in brackets
+ significant at 10%; \* significant at 5%; \*\* significant at 1%
a)Total R<sup>2</sup> for all independent variables for full sample = .66
b)Total R<sup>2</sup> for all independent variables for White non-drugs = .45 and for drugs = .48.

Table 4. Regression of Black Imprisonment and New Sentences on Independent Variables. All are Logged Rates Per 100,000

Year Squared		CPUS In P 0.047** [0.002]  -0.015** [0.000]  -0.497** [0.081]	rison CRP 0.049** [0.002] -0.015** [0.001]	-0.009** [0.001] 0.071**	-0.010** [0.001]		ck Sentence Non Drug 0.008** [0.003] -0.015** [0.002]	 Drug 0.121** [0.004] -0.014**	Drug 0.123** [0.004] -0.012** [0.001]	Drug
Year Year Squared % Black Change % Black	0.055** [0.002]	0.047** [0.002] -0.015** [0.000] -0.497**	0.049** [0.002] -0.015** [0.001]	-0.009** [0.001]	-0.010** [0.001]	-0.015**	0.008** [0.003] -0.015**	0.121** [0.004] -0.014**	0.123** [0.004] -0.012**	Drug
Year Squared  % Black  Change % Black	-0.014**	-0.015** [0.000] -0.497**	-0.015** [0.001]	[0.001]	[0.001]		[0.003] -0.015**	[0.004] -0.014**	[0.004] -0.012**	
% Black -	-0.014**	-0.015** [0.000]	-0.015** [0.001]	[0.001]	[0.001]		-0.015**	-0.014**	-0.012**	
% Black -		[0.000] -0.497**	[0.001]	[0.001]	[0.001]					
Change % Black		[0.000] -0.497**	[0.001]	[0.001]	[0.001]			[0.001]	[0.001]	
Change % Black		[0.000] -0.497**	[0.001]	[0.001]	[0.001]					
	[0.000]	-0.497**				[0.002]	[0.002]	l		
			-0.642**	0.071**			[0.002]			
Dissimilarity			-0.642**		0.089**	0.055**	0.053**			
Dissimilarity			-0.642**	[0.008]	[0.009]	[0.011]	[0.010]			
		[0.081]				-0.749**	-0.648**			-1.488**
		[0.001]	[0.071]			[0.088]	[0.087]			[0.410]
Repub Gov		0.057**	0.051*			0.091**	0.078**			0.303**
		[0.020]	[0.021]			[0.018]	[0.019]			[0.077]
White Poverty		-0.037**	-0.044**		-0.071**	-0.081**	-0.083**	-0.146**	-0.199**	-0.235**
		[0.005]	[0.006]		[0.007]	[0.011]	[0.011]	[0.017]	[0.018]	[0.047]
Black Poverty						0.008**	0.011**			-0.029**
						[0.003]	[0.003]			[0.011]
Black Homicide						0.005**	0.004**			
						[0.002]	[0.002]			
White Homicide					0.048**	0.046**	0.051**		0.104**	0.068**
					[0.006]	[0.010]	[0.010]		[0.010]	[0.024]
Black Unemployed		-0.006**	0.001							-0.027**
		[0.002]	[0.003]							[0.010]
White Unemployed						-0.045**	-0.045**			
						[0.011]	[0.010]			
Constant	7.297**	8.018**	8.106**	5.544**	6.006**	6.453**	6.337**	5.998**	6.011**	8.086**
	[0.011]	[0.092]	[0.082]	[0.020]	[0.057]	[0.088]	[0.090]	[0.163]	[0.154]	[0.573]
Observations	675	675	612	453	453	453	453	453	453	453
Number of State	44	44	39	29	29	29	29	29	29	29
R2	0.45	0.51	0.52	0.18	0.31	0.40	0.41	0.61	0.66	0.37

Standard errors in brackets

+ significant at 10%; \* significant at 5%; \*\* significant at 1%

Total R<sup>2</sup> for all independent variables for CPUS full sample = .53, for non-drugs = .41 and for drugs = .67

Table 5. Disparity: Black Rates Regressed on White rates and Independent Variables. All are Logged Rates Per 100,000

			ment (CPL			entences	(NCRP)	Non-drug Sentences (NCRP)				
White Rate	0.478**	0.314**	0.334**	0.607**	0.274**	0.491**	0.491**	0.871**	0.583**	0.633*		
	[0.049]	[0.012]	[0.011]	[0.020]	[0.034]	[0.018]	[0.025]	[0.088]	[0.044]	[0.043		
Year		0.038**	0.039**	0.018**					0.099**	0.087*		
		[0.002]	[0.002]	[0.002]					[0.005]	[0.004		
Year Squared									-0.015**	-0.012*		
									[0.001]	[0.001		
% Black			-0.015**	-0.015**		-0.013**	-0.015**			-0.012*		
			[0.001]	[0.001]		[0.001]	[0.001]			[0.003		
Change % Black						0.097**	0.098**					
						[0.009]	[0.010]					
Dissimilarity												
Repub Gov							0.076**					
							[0.019]					
White Poverty				-0.057**		-0.057**	-0.079**			-0.139*		
				[0.005]		[0.004]	[0.008]			[0.013		
Black Poverty				_			0.008**					
							[0.002]					
Black Homicide				0.003**			0.002					
				[0.001]			[0.001]					
White Homicide				-0.054**			0.036**					
				[0.006]			[0.009]					
Black Unemployed				_			0.012**					
							[0.002]					
White Unemployed				_			-0.041**					
Canadant	4.700**	F F 40**	F 000**	4.000**	4.540**	4.044**	[0.008]	0.700**	0.570**	4.00.4*		
Constant	4.708**	5.549**	5.603**	4.909**	4.519**	4.344**	4.165**	2.726**	3.572**	4.864*		
	[0.256]	[0.060]	[0.050]	[0.103]	[0.124]	[0.078]	[0.116]	[0.206]	[0.085]	[0.136		
R2	0.31	0.46	0.57	0.70	0.10	0.52	0.60	0.42	0.71	0.78		
Net R2 after White		0.15	0.26	0.39		0.42	0.50		0.29	0.36		

Standard errors in brackets. Observations and states the same as for White and Black tables.

<sup>+</sup> significant at 10%; \* significant at 5%; \*\* significant at 1% Total R<sup>2</sup> for all independent variables for imprisonment = .72, for non-drugs = .60 and for drugs = .80

Table 6. Whites: Regression of first difference of log imprisonment rates on independent variables

7 0027000								
	-65	х		-3	-4	-6		
	White C	CPUS		WI	nite Drug	Sentend	es	White Non-Drug <sup>a</sup>
Yearly Mean		0.936**				0.887**	1.008**	
		[0.041]				[0.107]	[0.066]	
% Black	-0.001**	-0.000**			-0.001+	-0.002*	-0.003**	
	[0.000]	[0.000]			[0.001]	[0.001]	[.001]	
Change % Black	-0.002**	-0.001*						
	[0.001]	[0.001]						
Dissim								
Rep Gov	-0.009*	-0.007*						
	[0.003]	[0.003]						
Black Unempl	0.000*	0.000+		0.009*	0.008+	0.005		
	[0.000]	[0.000]		[0.005]	[0.005]	[0.005]		
D Black Unempl							0.017**	
							0.008	
Constant	0.057**	0.011**		-0.03	-0.001	-0.023	0.044	
	[0.004]	[0.004]		[0.054]	[0.061]	[0.053]	[0.011]	
Observations	631	631		424	424	424	424	
Number of State	44	44		29	29	29	29	
R2	0.03	0.07		0.04	0.04	0.09	0.11	
Model DF	4	5		1	2	3	4	
\			• ••	. 1	C T	T 71 .	1	DO C

- a) No independent variables are significant predictors for White non-drug sentences. R2 for mean alone is .08, for time alone is .02.
- b) For White CPUS imprisonment, R2 mean alone is .05, R2 time is .00, R2 all independent variables is .10.
- c) For White drug sentences, R2 mean alone is .06, R2 time alone is .02, R2 all iindependent variables is .14.
- + significant at 10%; \* significant at 5%; \*\* significant at 1% Standard errors in brackets

Table 7. Blacks: Regression of first difference of log imprisonment rates on independent variables

	Black in Pri	son CPUS	Black Dr	ug NCRP	Black Non-D	Drug NCRP
Yearly Mean	1.099**		1.000**		0.787**	
	[0.058]		[0.043]		[0.096]	
% Black						
Change % Black		-0.006	0.019*			
		[0.004]	[0.008]			
Dissim	0.056**	0.055*		0.577**		
	[0.018]	[0.021]		[0.134]		
Black Poverty		0.001**		0.004	0.002*	0.002*
		[0.000]		[0.003]	[0.001]	[0.001]
D Black Poverty						
White Poverty						
D White Poverty		-0.008*		-0.060*		
•		[0.004]		[0.027]		
Black Homicide				-0.003*		
				[0.001]		
D Black Homicide	-0.002**	-0.001	0.007+	0.017**	0.003*	0.004*
	[0.001]	[0.001]	[0.004]	[0.006]	[0.001]	[0.001]
White Homicide				0.013**		
				[0.005]		
D White Homicide				0.071	0.014	0.019
				[0.045]	[0.012]	[0.012]
Black Unempl				0.012*		
				[0.005]		
D Black Unempl			0.015*			
·			[0.007]			
Constant	-0.039**	-0.006	-0.014	-0.413**	-0.035*	-0.046*
	[0.010]	[0.017]	[0.014]	[0.100]	[0.018]	[0.020]
Observations	631	631	424	424	424	424
Number of State	44	44	29	29	29	29
R2	0.18	0.08	0.34	0.19	0.11	0.07

a) For Black CPUS imprisonment, R2 for mean is .13, R2 for year is .10, R2 for all independent variables is .21.

b) For Black drug sentences, R2 for mean is .31, for year is .20, for all independent variables is .37, for all independent variables except time and mean is .22

c) For Black non-drug sentences, R2 for mean is .08, for time is .04, and for all variables is .15 Standard errors in brackets.

<sup>\*\*</sup> p<.01 \* p<.05 + p<.1

Table 8. Disparity: Regression of first difference of log imprisonment rates for Blacks on White rate plus independent variables

•	Black in			Black Drug Sentences						Black Non-Drug Sentences						
Yearly Mean	0.840**		0.728**									0.707**	0.708**	0.744**		
	[0.072]		[0.041]									[0.137]	[0.135]	[0.147]		
yrcen									-0.004**	-0.004**	-0.005**					
									[0.001]	[0.001]	[0.001]					
yrcen2									0	0	0					
									[0.000]	[0.000]	[0.000]					
% Black	0.001**	0.001**														
	[0.000]	[0.000]														
Change % Black	(															
Dissim				0.378**	0.292**											
				[0.124]	[0.074]											
Rep Gov																
Black Poverty			0.005**	0.009**	0.007**	0.008**	0.009**									
			[0.002]	[0.002]	[0.002]	[0.002]	[0.002]									
D Black Poverty																
White Poverty			-0.016**	-0.018*												
			[0.005]	[0.009]												
D White																
Poverty		-0.011**								-0.009*		-0.009+				
	[0.003]	[0.004]							[0.005]	[0.005]		[0.005]	[0.005]			
Black Homicide				-0.003*												
				[0.001]												
D Black Homicid	е			0.014**	0.013**	0.014**			0.003*	0.003*	0.003*	0.003**		0.003**		
				[0.004]	[0.005]	[0.005]			[0.001]	[0.001]	[0.001]	[0.001]	[0.001]	[0.001]		
White Homicide				0.017**												
				[0.005]												
D White Homicid	le															

	Black in	Prison		Black	Drug Sen	tences			Blac	k Non-Dri	ug Senter	nces	
Black Unempl													
D Black Unempl								0.004**	0.004**	0.004**	0.005**	0.005**	0.005**
								[0.001]	[0.001]	[0.001]	[0.001]	[0.001]	[0.001]
White Unempl													
D White Unempl								-0.012*		-0.014*	0		-0.002
								[0.006]		[0.006]	[0.006]		[0.007]
White Rate	0.573**	0.623**	0.720**	0.800**	0.794**	0.796**	0.807**	0.748**	0.750**	0.747**	0.717**	0.717**	0.711**
	[0.045]	[0.051]	[0.083]	[0.088]	[0.088]	[0.088]	[0.089]	[0.051]	[0.051]	[0.051]	[0.052]	[0.052]	[0.053]
Constant	-0.026**	0.013*	0.009	-0.205+	-0.292**	-0.119+	-0.152*	0	0	0	-0.010*	-0.010*	-0.009*
	[0.004]	[0.006]	[0.041]	[0.112]	[0.088]	[0.062]	[0.068]	[0.005]	[0.006]	[0.006]	[0.004]	[0.004]	[0.004]
Observations	631	631	424	424	424	424	424	424	424	424	424	424	424
Number of State	44	44	29	29	29	29	29	29	29	29	29	29	29
R2	0.30	0.21	0.69	0.59	0.57	0.56	0.53	0.62	0.62	0.62	0.62	0.62	0.62
R2 – WhiR2	0.11	.02	.20	.10	.08	.07	.04	.09	.09	.09	.09	.09	.09
Model DF	4	3	4	7	4	3	2	7	6	6	6	5	5

a) Disparity Black CPUS: R2 White alone .19

b) Disparity Black drug: R2 White alone .49, R2 white & mean .67, R2 white & time .62, R2 all independent variables .70

c) Disparity Black non-drug: R2 White alone .53, R2 White & mean .58, R2 White + year .60 + significant at 10%; \* significant at 5%; \*\* significant at 1% Standard errors in brackets

Table 9. Summary of results: Black and White Imprisonment Rates

Unmodified coefficients are multivariate. Time controlled with year & year<sup>2</sup> in static analysis, with annual national mean change in dynamic analysis.

() Bivariate results, listed only if  $r^2 > .04$  for static results, & > .02 for dynamic results [indicates multivariate result that is significant only if time trends are **not** controlled]

		Static	Analysi	s: Annua	al Rates		Dynar	nic Anal	ysis: Anı	nual Fire	t Diffe	rences
	Black CPUS		Black Drug		White Non Drug	White Drug	Black CPUS	Black Non Drug	Black Drug	White CPUS	White Non Drug	White Drug
% Black	- (-)	<b>-</b> (-)	(*)		(+)	+ (+)				-		+
Change % Black		<b>+</b> (+)		-	<b>-</b> (-)	<b>-</b> (-)	(-)		+	-		
Dissimilarity	<b>-</b> (-)	-	[-]	- (-)	- (-)	-	+ (+)		[+] (+)			
Repub Gov	+ (+)	+	[+]							-		
White Poverty	- (-)	- (-)	<b>-</b> (-)	(+)		-						
D Wpov**							[-] (-)		[-] (-)			
Black Poverty	(-)	+	[-] (-)			0 (-)	+	+ (+)	0 (+)			
D Bpov**												
White Homicide		+	+	+ (+)	(+)	+ (+)						
D Whom**												
Black Homicide		+ (+)			+	+			[-]			
D Bhom**							-	+ (+)	+ (+)			
Black Unemployed	-		+ (-)		- (-)	- (-)			[+] (+)	+		[+] (+)
D Bunemp**									+			+ (+)
White Unemployed		•	[-]			0 (-)						
D Wuenmp**												
Year	+ (+)	+	+ (+)	+ (+)	+ (+)	+ (+)		(-)	(-)			
Year Squared			- (-)									

<sup>\*</sup> Bivariate ffect of %Black on Black drug sentences is curvilinear. This effect is largely explained by other factors.

<sup>\*\*</sup> Lagged first differences

Table 10. Summary of results: Disparity in Imprisonment (Black rate controlling for White rate, or Black first difference in rate controlling for White first difference)

Unmodified coefficients are multivariate. Time controlled with year & year<sup>2</sup> in static analysis, with annual national mean change in dynamic analysis.

[indicates multivariate result that is significant only if time trends in Black rate are **not** controlled]

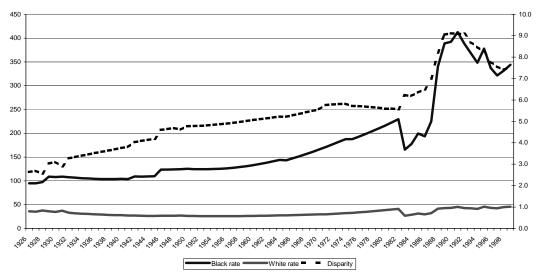
	Static: I	Black Rate Co White Rate		Dynamic: First Difference in Black Rate Controlling for First Difference in White Rate					
	CPUS	Non Drug	Drug	CPUS	Non Drug	Drug			
% Black	-	-	-	+					
Change % Black			+						
Dissimilarity						[+]			
Repub Gov			+						
White Poverty	-	-	-			-			
D Wpov**				[-]	-				
Black Poverty			+			+			
D Bpov**									
White Homicide	-		+			[+]			
D Whom**									
Black Homicide	+					[-]			
D Bhom**					+	[+]			
Black Unemployed			+						
D Bunemp**					+				
White Unemployed			-						
D Wuenmp**					-				
Year	+	+			+				
Year Squared		-							

<sup>\*</sup> Bivariate ffect of %Black on Black drug sentences is curvilinear. This effect is largely explained by other factors.

<sup>\*\*</sup> Lagged first differences

Table 1. Black Prison Admissions in the 20<sup>th</sup> Century US





Note: Data source changes in 1983. 1926-1982 calculated from Langen's historical data; 1983-1999 our calculation from the NCRP.

Figure 2 A. Disparity Ratios by Type of Admission

### Black/White Disparity Ratios in Imprisonment Rates (State Prisons, Totals)

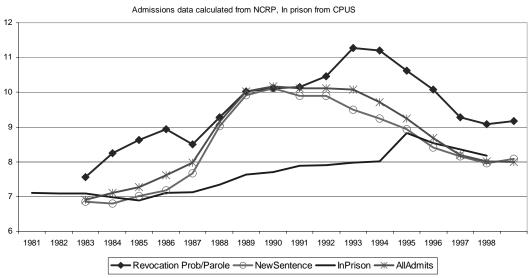


Figure 2B. Trends in Disparity Ratio for New Sentences, By Offense

### B/W Disparity Ratios in Prison Admits, by Offense. All States in NCRP

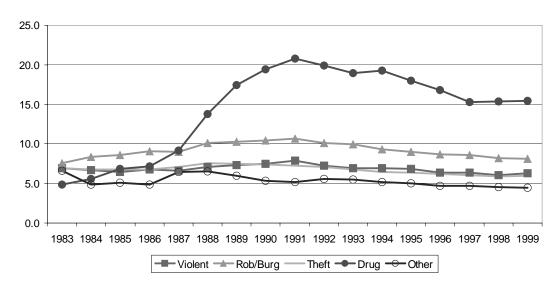


Figure 3. Black and White Prison Sentence Rates Per  $100,\!000$  by Offense Type

## Black & White Prison Sentences, by Offense Type. All States in NCRP

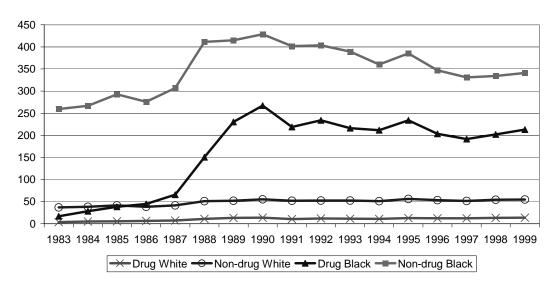


Figure 4a. Black and White imprisonment rates by type of Percent Black and Era. (a) Black Imprisonment

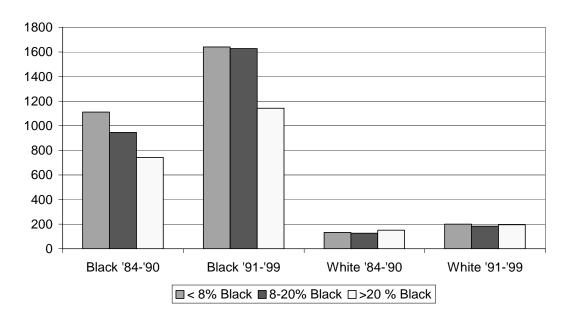


Figure 4. Black and White Drug Sentences, by Percent Black and Era (b) Drug sentences  $\,$ 

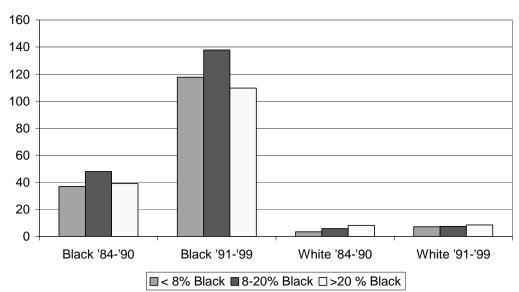


Figure 4. Black and White sentences for Non-drug crimes by Percent Black and Era c) non-drug sentences

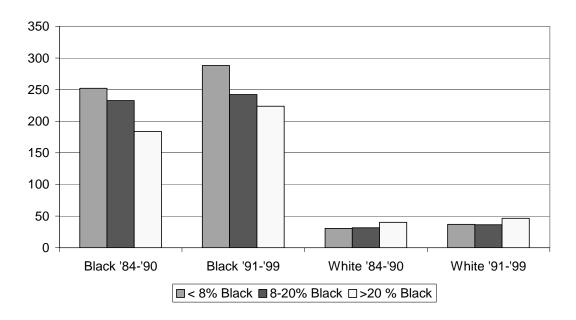


Figure 5. Black and White Drug sentences in Dane County. (Raw numbers, not rates). Madison received a multi-million dollar drug enforcement grant in 1992.

