

ARREST RACIAL DISPARITY VISUALIZATION DATABASE

Codebook

Data Citation: Redbird, Beth, and Kat Albrecht. 2019. "Measuring Racial Disparities in Local and County Police Arrests." Working Paper, Institute for Policy Research, Northwestern University.

Please see "Measuring Racial Bias in Local and County Police Arrests: Methodological Paper: (2019) for a discussion of data coding.

Observations: 45,812
Variables: 39
Size: 6.51M

The following variables come from, or are derived from the Uniform Crime Reporting program.

Variable Name	Type	Format	Description		
year	int	%9.0g	Year		
Variable	Obs.	Mean	Std. Dev.	Min.	Max.
year	2,587,409	2007.064	4.898197	1999	2015
Year		Freq.	Percent	Cum.	
1999		149,028	5.76	5.76	
2000		149,677	5.78	11.54	
2001		149,677	5.78	17.33	
2002		150,139	5.80	23.13	
2003		150,546	5.82	28.95	
2004		150,766	5.83	34.78	
2005		151,294	5.85	40.62	
2006		151,514	5.86	46.48	
2007		151,866	5.87	52.35	
2008		152,075	5.88	58.23	
2009		152,471	5.89	64.12	
2010		154,726	5.98	70.10	
2011		154,726	5.98	76.08	
2012		154,726	5.98	82.06	
2013		154,726	5.98	88.04	
2014		154,726	5.98	94.02	
2015		154,726	5.98	100.00	

Total	2,587,409	100.00
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Variable Name	Type	Format	Description		
Variable	Obs.	Mean	Std. Dev.	Min.	Max.
fstate	2,587,409	31.70334	14.69245	1	56
FIPS State Code		Freq.	Percent	Cum.	
Alabama	73,524	2.84	2.84		
Alaska	5,907	0.23	3.07		
Arizona	19,217	0.74	3.81		
Arkansas	53,240	2.06	5.87		
California	97,867	3.78	9.65		
Colorado	42,460	1.64	11.29		
Connecticut	17,303	0.67	11.96		
Delaware	7,733	0.30	12.26		
Georgia	99,814	3.86	16.12		
Hawaii	748	0.03	16.15		
Idaho	21,230	0.82	16.97		
Illinois	374	0.01	16.98		
Indiana	45,672	1.77	18.75		
Iowa	45,815	1.77	20.52		
Kansas	68,860	2.66	23.18		
Kentucky	66,858	2.58	25.76		
Louisiana	41,811	1.62	27.38		
Maine	24,992	0.97	28.35		
Maryland	19,987	0.77	29.12		
Massachusetts	58,531	2.26	31.38		
Michigan	105,765	4.09	35.47		
Minnesota	67,980	2.63	38.10		
Mississippi	34,001	1.31	39.41		
Missouri	114,983	4.44	43.85		
Montana	20,009	0.77	44.63		
Nebraska	31,053	1.20	45.83		
Nevada	7,271	0.28	46.11		
New Hampshire	31,977	1.24	47.34		
New Jersey	100,980	3.90	51.25		
New Mexico	22,594	0.87	52.12		
New York	93,203	3.60	55.72		
North Carolina	81,664	3.16	58.88		
North Dakota	21,351	0.83	59.70		
Ohio	140,096	5.41	65.12		
Oklahoma	63,437	2.45	67.57		
Oregon	33,011	1.28	68.85		

Pennsylvania	220,748	8.53	77.38
Rhode Island	7,282	0.28	77.66
South Carolina	45,430	1.76	79.41
South Dakota	27,346	1.06	80.47
Tennessee	67,793	2.62	83.09
Texas	177,045	6.84	89.93
Utah	23,749	0.92	90.85
Vermont	12,232	0.47	91.32
Virginia	46,607	1.80	93.13
Washington	49,533	1.91	95.04
West Virginia	41,008	1.58	96.63
Wisconsin	75,086	2.90	99.53
Wyoming	12,232	0.47	100.00
Total	2,587,409	100.00	

Variable Name	Type	Format	Description		
fcounty	int	%8.0g	FIPS County Code		
Agencies may report up to three county jurisdictions.					
Variable	Obs.	Mean	Std. Dev.	Min.	Max.
fcounty	2,587,409	86.10999	86.2356	1	840

Derived variables of racial disparity at county and state level:

Variable Name	Type	Format	Description		
rr_aBW	float	%9.0g	Logged Risk Ratio Adult Black to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_aBW	44,534	10.1614	44.3834	3.94e-06	2647.894

Variable Name	Type	Format	Description		
rr_jBW	float	%9.0g	Logged Risk Ratio Juvenile Black to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
r~jBW	44,534	2.848671	15.72748	.0005238	2202.132

Variable Name	Type	Format	Description

rr_tBW	float	%9.0g	Logged Risk Ratio total Black to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_tBW	44,534	5.434995	17.75215	3.86e-06	1524.549
Variable Name	Type	Format	Description		
rr_aIW	float	%9.0g	Logged Risk Ratio Adult AIAN to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_aIW	44,534	2.90881	14.70642	2.02e-06	1071.262
Variable Name	Type	Format	Description		
rr_jIW	float	%9.0g	Logged Risk Ratio Juvenile AIAN to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_jIW	44,534	.9505306	10.48858	.0000842	1305.497
Variable Name	Type	Format	Description		
rr_tIW	float	%9.0g	Logged Risk Ratio Total AIAN to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_tIW	44,534	1.753397	7.672129	3.75e-06	553.2803
Variable Name	Type	Format	Description		
rr_aAW	float	%9.0g	Logged Risk Ratio Adult Asian to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_aAW	44,534	1.89165	34.11502	2.02e-06	6509.124
Variable Name	Type	Format	Description		
rr_jAW	float	%9.0g	Logged Risk Ratio Juvenile Asian to White		
Variable	Obs	Mean	Std. Dev.	Min	Max
rr_jAW	44,534	.5408771	6.966643	.0003389	1077.637

Variable Name	Type	Format	Description		
rr_tAW Variable	float Obs	%9.0g Mean	Logged Risk Ratio Adult Asian to White Std. Dev.	Min	Max
rr_tAW	44,534	1.05863	8.830622	1.98e-06	889.0628
Variable Name	Type	Format	Description		
res_aB Variable	float Obs	%9.0g Mean	Residual Arrests Adult Black Std. Dev.	Min	Max
res_aB	44,534	.0448092	1.927243	-14.06137	9.08567
Variable Name	Type	Format	Description		
res_jB Variable	float Obs	%9.0g Mean	Residual Arrests Juvenile Black Std. Dev.	Min	Max
res_jB	44,534	.0664613	1.536453	-6.794368	10.7794
Variable Name	Type	Format	Description		
res_tB Variable	float Obs	%9.0g Mean	Residual Arrests Total Black Std. Dev.	Min	Max
res_tB	44,534	.0239624	1.758062	-13.78455	9.207466
Variable Name	Type	Format	Description		
res_aI Variable	float Obs	%9.0g Mean	Residual Arrests Adult AIAN Std. Dev.	Min	Max
res_aI	44,534	-.0391971	2.698809	-10.06132	10.26729
Variable Name	Type	Format	Description		
res_jI Variable	float Obs	%9.0g Mean	Residual Arrests Juvenile AIAN Std. Dev.	Min	Max

res_jI	44,534	-.1399095	1.694599	-6.23662	9.803442
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Variable Name	Type	Format	Description		
res_tI	float	%9.0g	Residual Arrests total AIAN		
Variable	Obs	Mean	Std. Dev.	Min	Max
res_tI	44,534	-.0376702	2.602376	-9.328456	10.4312
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Variable Name	Type	Format	Description		
res_aA	float	%9.0g	Residual Arrests Adult Asian		
Variable	Obs	Mean	Std. Dev.	Min	Max
re~aA	44,534	-.01528	2.235858	-10.30024	12.56235
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Variable Name	Type	Format	Description		
res_jA	float	%9.0g	Residual Arrests Juvenile Asian		
Variable	Obs	Mean	Std. Dev.	Min	Max
re~jA	44,534	-.0845168	1.429929	-6.873556	8.648928
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Variable Name	Type	Format	Description		
res_tA	float	%9.0g	Residual Arrests total Asian		
Variable	Obs	Mean	Std. Dev.	Min	Max
re~tA	44,534	-.0224101	2.158258	-10.29971	10.30681