

Supplementary Material*

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Supplement. **Supplementary Appendix**

* This supplementary material was provided by the authors to give readers further details on their article. The material was reviewed but not copyedited.

Supplementary appendix to:

Comparison of rates of firearm and non-firearm homicide and suicide in black and white non-Hispanic men by US state

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While Figure 1 and Figure 2 do a good job at visualizing the magnitude of the differences between black and white homicide and suicide, it is difficult to read the exact rates from the figures. These tables provide these rate estimates. Tables S1 and S2 provide the estimates for firearm and non-firearm homicide, and Tables S3 and S4 provide the estimates for firearm and non-firearm suicide.

Table S1: Comparison of firearm homicide rates between black and white non-Hispanic men by US state, 2008-2016

State	ST	Black homicide rate	White homicide rate	Rate difference
Missouri	MO	59.42	2.77	56.65
Michigan	MI	49.14	1.52	47.62
Illinois	IL	47.94	1.05	46.89
Indiana	IN	46.06	2.09	43.97
Pennsylvania	PA	43.32	1.47	41.85
Nebraska	NE	40.68	1.39	39.29
Louisiana	LA	42.91	4.06	38.85
Ohio	OH	37.15	1.83	35.32
Wisconsin	WI	33.53	0.92	32.61
New Jersey	NJ	31.69	0.65	31.04
Oklahoma	OK	34.67	4.30	30.37
California	CA	32.27	2.05	30.22
Tennessee	TN	33.42	3.29	30.13
Maryland	MD	31.07	1.36	29.71
Arkansas	AR	33.39	4.39	29.00
Delaware	DE	30.32	1.74	28.58
Alabama	AL	33.00	4.47	28.53
United States	US	29.12	2.10	27.02
Kansas	KS	27.01	2.08	24.93
Florida	FL	26.53	3.11	23.42
Mississippi	MS	28.11	4.79	23.32
Kentucky	KY	26.20	3.46	22.74
South Carolina	SC	24.35	3.76	20.59
Connecticut	CT	21.44	0.86	20.58
Nevada	NV	23.03	3.22	19.81
West Virginia	WV	22.31	3.91	18.40
North Carolina	NC	21.20	2.89	18.31
Georgia	GA	20.46	2.76	17.70
New York	NY	18.43	0.80	17.63
Virginia	VA	18.65	1.76	16.89
Arizona	AZ	20.40	3.63	16.77
Massachusetts	MA	16.84	0.63	16.21
Texas	TX	18.45	3.42	15.03
Colorado	CO	16.56	1.75	14.81
Minnesota	MN	15.28	0.75	14.53

New Mexico	NM	18.44	4.26	14.18
Iowa	IA	13.73	0.99	12.74
Oregon	OR	13.48	1.70	11.78
Washington	WA	12.13	1.71	10.42
Alaska	AK	12.30	3.24	9.06
Rhode Island	RI	9.51	0.77	8.74
District of Columbia	DC	51.41	–	–
Hawaii	HI	–	–	–
Idaho	ID	–	1.28	–
Maine	ME	–	1.29	–
Montana	MT	–	2.03	–
North Dakota	ND	–	1.16	–
New Hampshire	NH	–	0.79	–
South Dakota	SD	–	1.03	–
Utah	UT	–	1.07	–
Vermont	VT	–	1.03	–
Wyoming	WY	–	2.13	–

Notes: These homicide rates are age adjusted, as is the rate difference. They represent the average number of firearm homicides per 100,000 men per year between 2008 and 2016, and their rate difference with respect to white men. Rates that are missing in this table were withheld by the data provider for having twenty or fewer firearm homicides for the state-race strata during 2008 to 2016.

Table S2: Comparison of non-firearm homicide rates between black and white non-Hispanic men by US state, 2008-2016

State	ST	Black homicide rate	White homicide rate	Rate difference
Wisconsin	WI	5.12	0.42	4.70
West Virginia	WV	5.72	1.21	4.51
Iowa	IA	4.34	0.48	3.86
Arkansas	AR	4.81	1.13	3.68
Michigan	MI	4.14	0.56	3.58
New York	NY	4.06	0.53	3.53
Pennsylvania	PA	3.73	0.53	3.20
Mississippi	MS	4.23	1.15	3.08
Illinois	IL	3.80	0.74	3.06
New Jersey	NJ	3.39	0.36	3.03
California	CA	3.98	0.96	3.02
Oklahoma	OK	4.19	1.21	2.98
Massachusetts	MA	3.42	0.46	2.96
Maryland	MD	3.47	0.60	2.87
Missouri	MO	3.86	0.99	2.87
Nevada	NV	3.80	0.99	2.81
Alabama	AL	3.51	0.85	2.66
Ohio	OH	3.28	0.64	2.64
Connecticut	CT	3.04	0.42	2.62
Indiana	IN	3.27	0.65	2.62
United States	US	3.28	0.67	2.61
Louisiana	LA	3.55	0.96	2.59
Kansas	KS	3.04	0.48	2.56
Tennessee	TN	3.12	0.76	2.36
Colorado	CO	2.80	0.70	2.10
Georgia	GA	2.65	0.65	2.00
North Carolina	NC	2.67	0.68	1.99
South Carolina	SC	2.97	1.04	1.93
Texas	TX	2.64	0.86	1.78
Arizona	AZ	2.64	0.91	1.73
Florida	FL	2.53	0.80	1.73
Kentucky	KY	2.54	0.96	1.58
Virginia	VA	2.00	0.46	1.54
Minnesota	MN	1.68	0.24	1.44
Washington	WA	1.94	0.67	1.27

Alaska	AK	–	–	–
District of Columbia	DC	8.31	–	–
Delaware	DE	–	0.78	–
Hawaii	HI	–	–	–
Idaho	ID	–	0.42	–
Maine	ME	–	0.64	–
Montana	MT	–	0.97	–
North Dakota	ND	–	–	–
Nebraska	NE	–	0.59	–
New Hampshire	NH	–	0.53	–
New Mexico	NM	–	0.96	–
Oregon	OR	–	0.74	–
Rhode Island	RI	–	–	–
South Dakota	SD	–	–	–
Utah	UT	–	0.37	–
Vermont	VT	–	–	–
Wyoming	WY	–	–	–

Notes: These homicide rates are age adjusted, as is the rate difference. They represent the average number of nonfirearm homicides per 100,000 men per year between 2008 and 2016 and their rate difference with respect to white men. Rates that are missing in this table were withheld by the data provider for having twenty or fewer non-firearm homicides for the state-race strata during 2008 to 2016.

Table S3: Comparison of firearm suicide rates between black and white non-Hispanic men by US state, 2008-2016

State	ST	Black suicide rate	White suicide rate	Rate difference
District of Columbia	DC	4.18	2.35	1.83
Massachusetts	MA	1.79	3.82	-2.03
New Jersey	NJ	2.32	4.95	-2.63
Connecticut	CT	2.53	6.42	-3.89
New York	NY	2.05	6.13	-4.08
Illinois	IL	4.24	8.55	-4.31
Ohio	OH	6.91	12.47	-5.56
Maryland	MD	4.54	10.61	-6.07
Michigan	MI	6.66	12.76	-6.10
California	CA	4.80	11.63	-6.83
Nebraska	NE	5.64	12.48	-6.84
Minnesota	MN	3.95	11.17	-7.22
Pennsylvania	PA	5.28	13.02	-7.74
Washington	WA	5.82	14.15	-8.33
Wisconsin	WI	4.53	12.91	-8.38
Indiana	IN	6.29	14.69	-8.40
Delaware	DE	3.86	12.41	-8.55
United States	US	5.41	14.34	-8.93
Kansas	KS	6.92	16.05	-9.13
Virginia	VA	6.72	15.86	-9.14
Missouri	MO	7.34	17.25	-9.91
Alaska	AK	12.77	23.47	-10.7
North Carolina	NC	5.22	16.09	-10.87
Oregon	OR	6.71	17.88	-11.17
Tennessee	TN	7.39	18.84	-11.45
Georgia	GA	6.42	17.97	-11.55
Florida	FL	4.86	16.48	-11.62
West Virginia	WV	6.97	19.21	-12.24
Oklahoma	OK	9.25	21.52	-12.27
Kentucky	KY	6.52	18.90	-12.38
Texas	TX	5.78	18.70	-12.92
Colorado	CO	6.49	19.48	-12.99
Louisiana	LA	6.37	19.51	-13.14
South Carolina	SC	6.15	19.34	-13.19
Alabama	AL	7.20	20.97	-13.77

Arizona	AZ	7.51	21.42	-13.91
New Mexico	NM	11.43	25.97	-14.54
Arkansas	AR	6.25	20.98	-14.73
Nevada	NV	8.75	24.21	-15.46
Mississippi	MS	6.24	21.89	-15.65
Hawaii	HI	–	7.74	–
Iowa	IA	–	11.91	–
Idaho	ID	–	22.29	–
Maine	ME	–	14.59	–
Montana	MT	–	24.29	–
North Dakota	ND	–	16.36	–
New Hampshire	NH	–	12.66	–
Rhode Island	RI	–	5.82	–
South Dakota	SD	–	15.21	–
Utah	UT	–	20.49	–
Vermont	VT	–	16.78	–
Wyoming	WY	–	28.56	–

Notes: These suicide rates are age adjusted, as is the rate difference. They represent the average number of firearm suicides per 100,000 men per year between 2008 and 2016, and their rate difference with respect to black men. Rates that are missing in this table were withheld by the data provider for having twenty or fewer firearm suicides for the state-race strata during 2008 to 2016.

Table S4: Comparison of non-firearm suicide rates between black and white non-Hispanic men by US state, 2008-2016

State	ST	Black suicide rate	White suicide rate	Rate difference
Minnesota	MN	7.60	9.19	-1.59
Nebraska	NE	5.86	7.81	-1.95
District of Columbia	DC	6.45	8.83	-2.38
Kentucky	KY	4.44	8.49	-4.05
Kansas	KS	6.33	10.83	-4.50
New York	NY	5.14	9.65	-4.51
Louisiana	LA	3.42	8.10	-4.68
Virginia	VA	4.13	8.94	-4.81
Massachusetts	MA	6.26	11.18	-4.92
Maryland	MD	4.78	9.72	-4.94
Pennsylvania	PA	5.43	10.41	-4.98
Ohio	OH	4.88	9.88	-5.00
Iowa	IA	5.90	10.94	-5.04
Georgia	GA	3.11	8.33	-5.22
North Carolina	NC	3.62	9.01	-5.39
Michigan	MI	4.74	10.16	-5.42
Wisconsin	WI	4.44	10.06	-5.62
Washington	WA	5.41	11.13	-5.72
Mississippi	MS	2.83	8.56	-5.73
Indiana	IN	4.55	10.30	-5.75
Alabama	AL	2.84	8.64	-5.80
South Carolina	SC	3.25	9.07	-5.82
Arizona	AZ	5.58	11.42	-5.84
Texas	TX	3.87	9.71	-5.84
Colorado	CO	7.65	13.61	-5.96
New Jersey	NJ	4.68	10.77	-6.09
Missouri	MO	4.43	10.54	-6.11
United States	US	4.40	10.58	-6.18
Delaware	DE	6.24	12.46	-6.22
Oregon	OR	5.48	11.95	-6.47
Tennessee	TN	3.08	9.61	-6.53
Oklahoma	OK	4.70	11.35	-6.65
Connecticut	CT	4.33	11.03	-6.70
California	CA	5.78	12.53	-6.75
Arkansas	AR	3.93	10.89	-6.96

Illinois	IL	4.34	11.53	-7.19
Florida	FL	3.97	13.02	-9.05
Nevada	NV	5.97	15.59	-9.62
Alaska	AK	–	8.21	–
Hawaii	HI	–	19.37	–
Idaho	ID	–	11.09	–
Maine	ME	–	10.27	–
Montana	MT	–	10.72	–
North Dakota	ND	–	8.60	–
New Hampshire	NH	–	11.45	–
New Mexico	NM	–	13.36	–
Rhode Island	RI	–	13.84	–
South Dakota	SD	–	9.57	–
Utah	UT	–	13.42	–
Vermont	VT	–	9.90	–
West Virginia	WV	–	8.29	–
Wyoming	WY	–	12.11	–

Notes: These suicide rates are age adjusted, as is the rate difference. They represent the average number of non-firearm suicides per 100,000 men per year between 2008 and 2016, and their rate difference with respect to black men. Rates that are missing in this table were withheld by the data provider for having twenty or fewer non-firearm suicides for the state-race strata during 2008 to 2016.