

Tables for:

“Criminologists and Historians of Crime: A Partnership Well Worth Pursuing”

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The following tables accompany “Criminologists and Historians of Crime,” an essay published in the journal *Crime, History, and Societies*. The homicide data are from the *Vital Statistics of the United States*, Bureau of the Census, 1928-1960, and from the Compressed Mortality Files, National Center for Health Statistics, 1959-2013. The data are available on-line through:

<https://www.cdc.gov/nchs/products/vsus.htm>

<http://www.nber.org/data/vital-statistics-mortality-data-multiple-cause-of-death.html>

<https://wonder.cdc.gov/mortSQL.html>

The data on incarceration in prisons, jails, and juvenile institutions (both public and private) are calculated from the *Sourcebook of Criminal Justice Statistics* (1973-present), and from Surveys of Jail Inmates (1972, 1978, 1983, 1989, 1996, and 2002) and Surveys of Inmates of State and Federal Correctional Facilities (1974, 1979, 1986, 1991, 1997, and 2004). All of these statistics were compiled by the Bureau of Justice Statistics. Strong assumptions must be made to arrive at estimates of the gender, age, and racial composition of the inmate populations, 1) because the data on inmates in juvenile justice institutions were not cross tabulated, 2) because no survey of inmates in federal correctional facilities was conducted before 1991, and 3) because the results of more recent surveys of inmates in state or federal correctional facilities are not yet available. The analysis here assumes that the distributions by age and race were identical for male and female juveniles, and it extrapolates backward and forward to determine the age, gender, and racial distributions for prisoners and jail inmates, which did change over time. Unfortunately, given the lack of adequate data, that is the best we can do at present. The surveys are available through the Inter-University Consortium for Political and Social Research.

U.S. Department of Justice, Bureau of Justice Statistics, Survey of Jail Inmates

1972 (ICPSR 7668)  
1978 (ICPSR 7551)  
1983 (ICPSR 8274)  
1989 (ICPSR 9419)  
1996 (ICPSR 6858)  
2002 (ICPSR 4359)

U.S. Department of Justice, Bureau of Justice Statistics, Survey of Inmates of State  
Correctional Facilities and Census of State Adult Correctional Facilities

1974 (ICPSR 7811)  
1979 (ICPSR 7856)  
1986 (ICPSR 8711)  
1991 (ICPSR 6068)  
1997 (ICPSR 2598)  
2004 (ICPSR 4572)

Table 1

Homicide rate versus Total Incarceration Rate for White Males, 1974-2010

	r <sup>2</sup>	homicide rate range	incarceration rate range
10-14	33.0	1.6	93
15-19	35.1	13.2	411
20-24	14.9	16.1	983
25-34	74.3	13.8	1293
35-44	91.8	11.2	1239
45-54	92.1	9.1	553
55-64	92.4	7.6	264
65-74	82.7	6.2	105

  

	slope times 100	slope times incarceration rate	percent of homicide rate range potentially “explained”
10-14	1.0	0.9	0.58
15-19	1.2	4.7	0.36
20-24	-0.3	-2.6	0.16
25-34	-0.5	-6.7	0.49
35-44	-0.7	-8.5	0.76
45-54	-1.1	-6.1	0.67
55-64	-1.6	-4.4	0.57
65-74	-3.2	-3.4	0.55

Rates are per 100,000 persons.

Table 2

## Homicide rate versus Total Incarceration Rate for White Females, 1974-2010

	$r^2$	homicide rate range	incarceration rate range
10-14	43.8	1.0	37
15-19	0.3	3.2	65
20-24	75.8	4.1	421
25-34	53.0	3.1	465
35-44	82.8	2.6	485
45-54	80.2	2.0	134
55-64	87.0	1.5	32
65-74	78.9	1.9	14

  

	slope times 100	slope times incarceration rate	percent of homicide rate range potentially “explained”
10-14	1.8	0.7	0.66
15-19	-0.2	-0.1	0.04
20-24	-0.5	-2.2	0.53
25-34	-0.3	-1.5	0.47
35-44	-0.3	-1.2	0.47
45-54	-0.8	-1.1	0.55
55-64	-3.0	-1.0	0.63
65-74	-7.8	-1.1	0.57

Rates are per 100,000 persons.

Table 3

Homicide rate versus Total Incarceration Rate for Black Males, 1974-2010

	$r^2$	homicide rate range	incarceration rate range
10-14	15.6	8.9	325
15-19	53.2	118.5	2242
20-24	2.5	129.9	5301
25-34	71.9	110.2	7124
35-44	89.2	121.3	7401
45-54	76.1	90.2	3334
55-64	84.9	58.3	1256
65-74	50.3	36.9	262

  

	slope times 100	slope times incarceration rate	percent of homicide rate range potentially “explained”
10-14	1.0	3.4	0.38
15-19	2.7	59.8	0.50
20-24	0.2	11.7	0.09
25-34	-0.8	-58.2	0.53
35-44	-1.1	-78.1	0.64
45-54	-1.6	-53.4	0.59
55-64	-3.7	-46.6	0.80
65-74	-9.1	-23.9	0.65

Rates are per 100,000 persons.

Table 4

## Homicide rate versus Total Incarceration Rate for Black Females, 1974-2010

	$r^2$	homicide rate range	incarceration rate range
10-14	29.2	4.6	74
15-19	0.2	12.4	194
20-24	52.6	27.9	686
25-34	27.0	23.1	1685
35-44	74.4	14.2	2066
45-54	65.0	9.5	714
55-64	63.6	8.6	87
65-74	16.4	7.1	25

  

	slope times 100	slope times incarceration rate	percent of homicide rate range potentially “explained”
10-14	3.4	2.5	0.55
15-19	0.2	0.5	0.04
20-24	-1.9	-13.3	0.48
25-34	-0.6	-10.1	0.44
35-44	-0.5	-10.4	0.73
45-54	-1.0	-7.1	0.74
55-64	-9.5	-8.2	0.96
65-74	-17.3	-4.3	0.61

Rates are per 100,000 persons.