



Crime Rates During the Pandemic

The Murder Rise - Timing

A Big Rise in the Summer of 2020

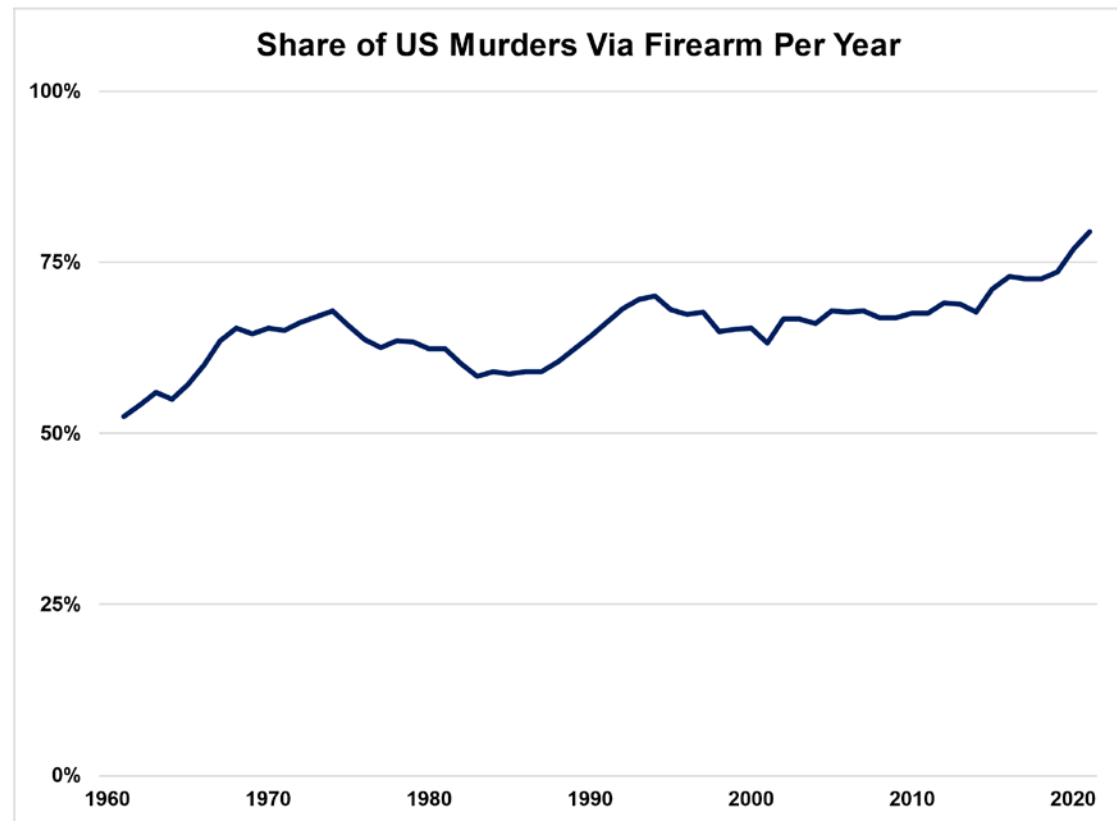
Murders per month from 2015 to 2020.



Supplementary homicide report

Source: F.B.I. • By The New York Times

The Murder Rise - Weapon



National Crime/Policing Data Sources

- Summary Reporting System
 - Precise.
 - Slow.
 - Vague.
- NIBRS
 - Imprecise.
 - Slow.
 - Specific.
- FBI Quarterly Data
 - Incomplete.
 - Fast.
 - Vague.

The NIBRS Problem

- Only 65% of US population covered by any reporting, 52% by agencies reporting 12 months of data.
 - Murder was either up 17 percent or down 7 percent in 2021.

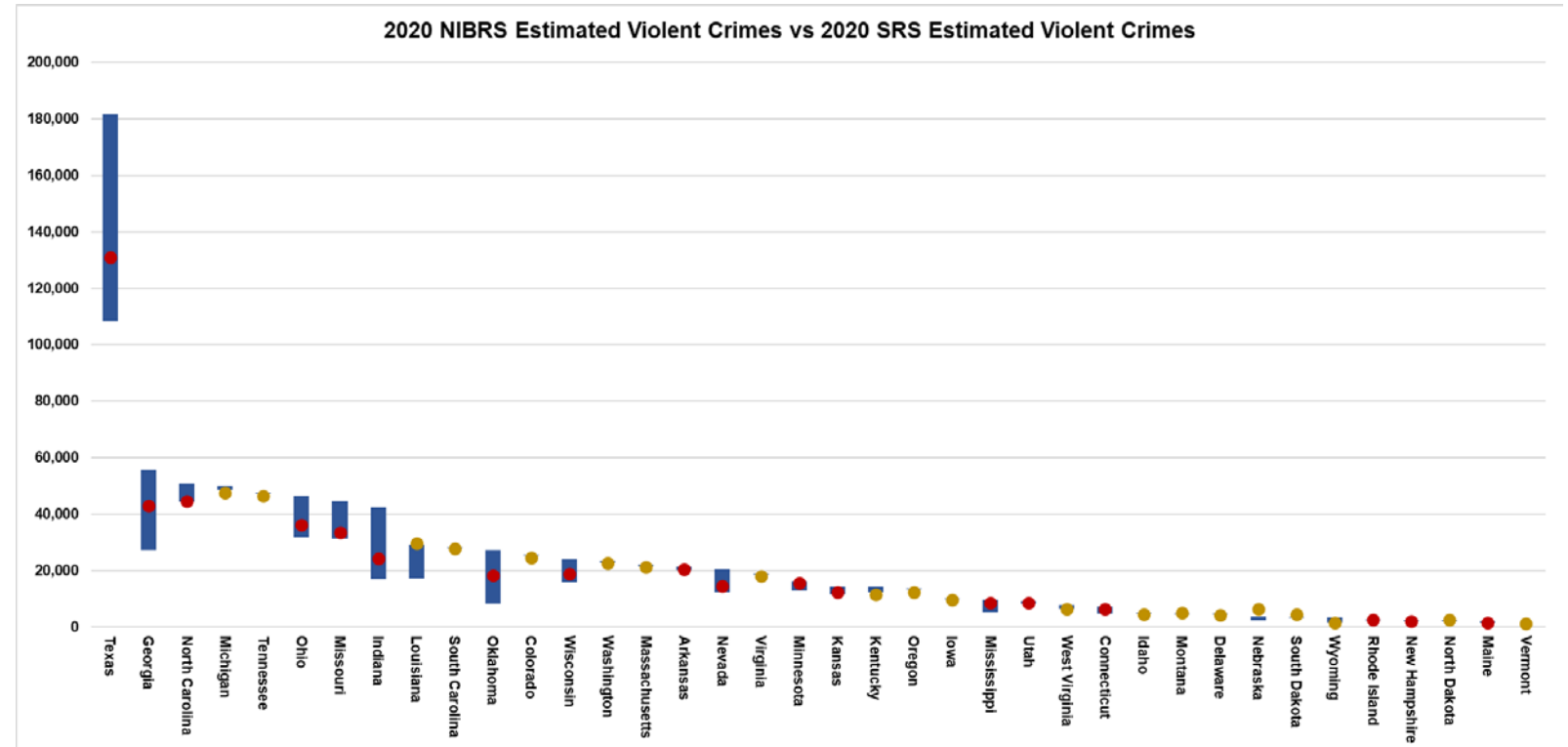
Table 1: National Violent Crime – Year-over-year trend

Level	Offense	2021						2020		
		Estimate	Estimate Lower Bound	Estimate Upper Bound	2021 vs 2020 Percent Change	Statistical Significance (pairwise test)	Statistical Significance (overlapping CI)	Estimate	Estimate Lower Bound	Estimate Upper Bound
National	Violent Crime	1,313,200	1,223,400	1,402,900	-1.0			1,326,600	1,259,600	1,393,500
	Murder and Non-negligent Manslaughter	22,900	21,300	24,600	4.3			22,000	21,000	23,000
	Revised Rape	144,300	140,400	148,200	3.4			139,500	132,000	147,000
	Rape	107,500	94,800	120,100	3.9			103,500	91,800	115,100
	Sodomy	26,100	23,400	28,800	1.7			25,700	22,200	29,100
	Sexual Assault with an Object	10,700	9,300	12,100	3.2			10,400	8,900	11,900
	Aggravated Assault	943,800	865,800	1,021,800	-0.1			944,800	900,100	989,600
	Robbery	202,200	140,200	264,100	-8.2			220,200	130,900	309,500

Note: The volume table indicating the totals are rounded to the nearest 100 due to uncertainty in the estimates.

The Need for Uncertainty

- Only 18 of 38 agencies with 2020 estimated violent crimes in 2020 fell within their reported margin of error for reported crimes in 2020 SRS.
- Some states were in the margin of error, but the margins were enormous.



The Need for Uncertainty

- Some 2021 estimates are off badly.
- New York State estimated between 8,900 and 31,500 violent crimes in 2021 in NIBRS – Actual number was 76,229 per the state.

Table 15: Violent Crime Volume, by State, *continued* – Year-over-year trend
Volume per 100,000 Inhabitants

Level	2021					
	Estimate	Estimate Lower Bound	Estimate Upper Bound	2021 vs 2020 Percent Change	Statistical Significance (pairwise test)	Statistical Significance (overlapping CI)
State New York	20,200	8,900	31,500	**		

Index Crimes Reported to Police by Region: 2012-2021											
PRELIMINARY DATA											
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
New York State	Index Crime	452,363	432,695	410,181	391,448	378,001	363,177	349,127	336,996	343,861	343,357
	Violent Crime	79,301	76,481	72,365	75,157	74,126	70,709	68,578	69,898	70,708	76,229



The Quarterly Data Problem

December 2020

Percent change in murder relative to 2019 provides first evidence of large increase in murder nationally

Percent Change

by Population Group

Population Group	Agency Count	Population	Murder
Total	11,980	259,148,089	+20.9
Cities 1,000,000 or over	9	24,853,695	+29.3
Cities from 500,000 thru 999,999	23	16,687,907	+18.6
Cities from 250,000 thru 499,999	43	14,273,469	+29.4
Cities from 100,000 thru 249,999	195	28,282,376	+21.3
Cities from 50,000 thru 99,999	428	29,907,507	+18.1
Cities from 25,000 thru 49,999	747	25,917,298	+22.4
Cities from 10,000 thru 24,999	1,491	23,849,014	+23.0
Cities Under 10,000	5,872	17,962,818	+31.1
Metropolitan Counties ²	1,334	57,638,932	+9.5
Nonmetropolitan Counties ³	1,838	19,775,073	+15.2

The Quarterly Data Problem

September 2022

No quarterly data for 6 straight quarters because too few agencies are reporting data.

United States

Quarterly Uniform Crime Report data for the nation are derived from National Incident-Based Reporting System (NIBRS) reports voluntarily submitted to the FBI.

In **2022**, the FBI Quarterly Uniform Crime Report for the nation is based on data received from **11,490** of **18,933** law enforcement agencies in the country that year.

The Quarterly Uniform Crime Report was made available on **September 6, 2022**.

For this quarterly release, due to agency participation being under the 60 percent threshold, data trends by region and aggregate population group will not be available. Data from individual city agencies with populations of 100,000 or greater can be accessed in the Resources section below.