

Gun deaths found to be more likely in small towns than major cities

April 26 2023



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Contrary to popular belief, firearm deaths in the U.S. are statistically more likely in small towns, not major cities, according to new research. Across the country, gun suicides are more common than gun homicides,

and gun suicides are largely responsible for an increase in gun deaths over the past few decades, the study also finds.

The analysis of two decades of U.S. mortality data was conducted by researchers at Columbia University Mailman School of Public Health, Children's Hospital of Philadelphia, and the University of California, Davis, and appears in the journal *JAMA Surgery*.

"Our study has found that the divide in total intentional [firearm](#) deaths between urban and rural counties is increasing, with rural counties bearing more of the burden. In the 2000s, the two most rural county types had statistically more firearm deaths per capita than any other county type, and by the 2010s, the most urban counties—cities—were the safest in terms of intentional firearm death risk," the authors write.

"Despite the pervasive nature of gun violence, high rates of gun [homicide](#) in urban centers have been the sole focus of many policymakers and used as justification to loosen gun laws, when in fact gun violence is an issue in counties of all sizes," the authors add.

Gun suicides outnumber [gun homicides](#) each year in the U.S., and the risk of gun suicides in the most rural counties exceeds the risk of gun homicides in the most urban counties.

Between 2001 and 2010, the two most rural counties had higher total firearm death rates than the most urban counties. The most rural counties had a 25% higher overall firearm death rate than the most urban counties, a 54% higher gun [suicide](#) death rate, and a 50% lower gun homicide death rate compared with the most urban counties.

Previous research from the 1990s found that there was no difference in total intentional firearm deaths between the most urban and rural counties in the 1990s. The current study finds that the divide in total

intentional firearm deaths between urban and rural counties is increasing, with rural counties bearing a great deal more of the burden.

More information: Firearm Death Rates in Rural vs Urban US Counties, *JAMA Surgery* (2023). doi: 10.1001/jamasurg.2023.0265 , jamanetwork.com/journals/jamasurg/fullarticle/2804113

Provided by Columbia University's Mailman School of Public Health

Citation: Gun deaths found to be more likely in small towns than major cities (2023, April 26) retrieved 23 April 2024 from <https://medicalxpress.com/news/2023-04-gun-deaths-small-towns-major.html>

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