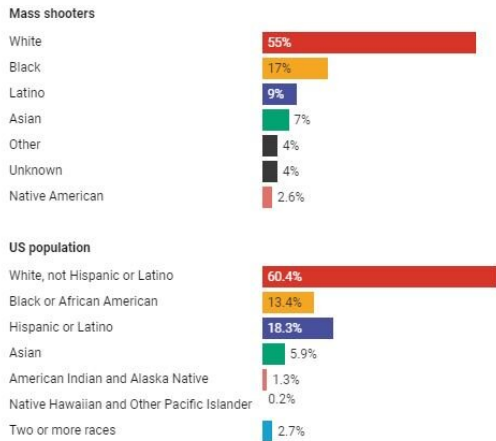


Evidence contradicts common stereotypes about mass shooters

8 August 2019, by Christopher J. Ferguson

Race of mass shooters versus general population

Comparing mass shooters from 1982 to 2019 with the U.S. population as a whole shows the groups are made up of roughly similar proportions for race.



Mass shooter data from Mother Jones. Population data from U.S. Census Bureau. Credit: The Conversation

When 22 people were killed in El Paso, Texas, and nine more were killed in Dayton, Ohio, roughly 12 hours later, responses to the tragedy included many of the same myths and stereotypes Americans have grown used to hearing in the wake of a mass shooting.

As part of my work as a psychology researcher, I study [mass](#) homicides, as well as society's reaction to them. A lot of bad information can follow in the wake of such emotional events; clear, data-based discussions of mass homicides can get lost among political narratives.

I'd like to clear up four common misconceptions about mass homicides and who commits them, based on the current state of research.

Violent video games cause mass homicides?

By Monday morning after these latest shootings,

[President Donald Trump](#) along with [other Republican politicians](#) had linked [violent video games](#) to mass shootings.

I'll admit my surprise, since only last year the Trump administration convened a School Safety Commission which studied this issue, among many others. I myself testified, and the commission [ultimately did not conclude](#) there was sufficient evidence to link games and media to criminal violence.

Long-term studies of [youth consistently find](#) that violent games are not a risk factor for youth violence anywhere from one to eight years later. And no less than the [U.S. Supreme Court](#) declared in 2011 that [scientific studies](#) had failed to link violent games to serious aggression in kids.

A 2017 public policy statement by the American Psychological Association's [media psychology and technology division](#) specifically recommended politicians should stop linking violent games to mass shootings. It's time to lay this myth to rest.

Mass shooters are male white supremacists?

Early reports suggest that the El Paso shooter was a [white racist concerned about Latino immigration](#). Other shooters, such as the perpetrator of the [Christchurch, New Zealand](#) attack, have also been white supremacists.

Overall, though, the ethnic composition of the group of all mass shooters in the U.S. is [roughly equivalent](#) to the American population.

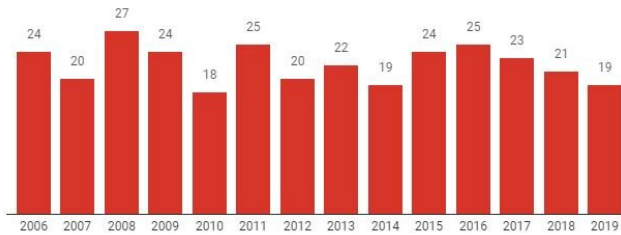
Hateful people tend to be attracted to hateful ideologies. Some shootings, such as the [2016 shooting](#) of police officers in Dallas, were reportedly motivated by anti-white hatred. Other shooters, such as the 2015 [San Bernardino](#) husband and wife perpetrator team, have espoused other hateful ideas such as radical Islam.

Most mass homicide perpetrators [don't proclaim](#) any allegiance to a [particular ideology](#) at all.

Of course, mass homicides in other nations—such as several [deadly knife](#) attacks in Japan—don't involve U.S. race issues.

Mass shooting incidents, by year

Despite the common perception that mass homicides are occurring more frequently, the data suggests they've happened at a fairly steady rate over the past decade or so. In the U.S., 1,714 people have been killed in 311 mass shootings since 2006.



Data is current as of Aug. 5, 2019.

Source: The USA TODAY/AP/Northeastern University mass killings database. Credit: The Conversation

As far as gender, it's true that most mass homicide perpetrators are male. A minority of shooters [are female](#), and they may [target their own families](#).

Mental illness definitely is or is not to blame?

Whether mental illness is or is not related to mass shootings—or criminal violence more broadly—is a nuanced question. Frankly, proponents on both sides often get this wrong by portraying the issue as clear-cut.

As far back as 2002, a [U.S. Secret Service report](#) based on case studies and interviews with surviving shooters identified mental illness—typically either psychosis or suicidal depression—as very common among mass homicide perpetrators.

As for violence more broadly, mental illness, such as [psychosis](#) as well as a [mixture of depression with antisocial traits](#), is a risk factor for violent behavior.

Some people suggest mental illness is completely unrelated to crime, but that claim tends to rely on

mangled statistics. For instance, I've [seen the suggestion](#) that individuals with mental illness account for just 5% of violent crimes. However, that assertion is based on research like one [Swedish study that limited mental illness to psychosis only](#), which is experienced by about [1% or less](#) of the population. If 1% of people commit 5% of crimes, that suggests psychosis elevates risk of crime.

It's also important to point out that the vast majority of people with [mental illness](#) do not commit violent crimes. For instance, [in one study](#), about 15% of people with schizophrenia had committed violent crimes, as compared to 4% of a group of people without schizophrenia. Although this clearly identifies the increase in risk, it also highlights that the majority of people with schizophrenia had not committed violent crimes. It's important not to stigmatize the mentally ill, which may reduce their incentive to seek treatment.

So improving access to mental health services would benefit a whole range of people and, by coincidence, occasionally bring treatment to someone at risk of committing violence. But focusing only on mental health is unlikely to put much of a dent in societal violence.

Mass homicides are becoming more frequent?

Mass homicides get a lot of news coverage which keeps our focus on the frequency of their occurrence. Just how frequent is sometimes muddled by shifting definitions of mass [homicide](#), and confusion with other terms such as active shooter.

But using standard definitions, most data suggest that the prevalence of mass shootings has [stayed fairly consistent](#) over the past few decades.

To be sure, the U.S. has experienced many mass homicides. Even stability might be depressing given that [rates of other violent crimes have declined](#) precipitously in the U.S. over the past 25 years. Why mass homicides have stayed stagnant while other homicides have plummeted in frequency is a question worth asking.

Nonetheless, it does not appear that the U.S. is

awash in an epidemic of such crimes, at least comparing to previous decades going back to the 1970s.

Mass homicides are horrific tragedies and society must do whatever is possible to understand them fully in order to prevent them. But people also need to separate the data from the myths and the social, political and moral narratives that often form around [crime](#).

Only through dispassionate consideration of good data will society understand how best to prevent these crimes.

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