

Those Who Serve: Addressing Firearm Suicide Among Military Veterans

Executive Summary

Beginning in 2020, the destabilizing impact of the COVID-19 pandemic led to social isolation, economic struggles, and worsening mental health across the country. Though suicide rates across the nation had declined from 2019 to 2020,¹ they began to increase in 2021, and veterans were not immune to this trend.² More veterans died by suicide in 2021 than in 2020,³ and studies show that veterans saw a higher incidence of mental health concerns during than before the pandemic.⁴ By 2021, 72 percent of veterans dying by suicide in the United States each day, 13 of them by firearm, we cannot address veteran suicide without talking about guns.⁵

Veterans confront unique challenges during their service and face new ones when they return to civilian life. And these challenges are not always what might be expected. While many assume that suicide in veterans is associated with their time while deployed, in fact, veterans who served during the wars in Iraq in Afghanistan who were not deployed⁶ had higher suicide rates than those who were deployed.

But one thing is clear: addressing the unique role guns play is an integral part of efforts to end veteran suicide.

It is crucial to pursue policies that can protect against veteran suicide, including disrupting a person's access to a firearm when they are in crisis through secure gun storage, storing a gun outside the home, and using Extreme Risk laws; raising awareness about the risks of firearm access; addressing upstream factors that can lead to veteran suicide; and ensuring that we have timely data about the basic aspects of this crisis.



Military Veterans and Firearms: By the Numbers

everytownresearch.org/veteransuicidereport

87,000 3X From 2002–2021, nearly 87,000 Veterans are three times more likely to veterans died by gun suicide. die by gun suicide than non-veterans. 72% 16× This is 16 times the number of The proportion of veteran suicides service members killed in action that are with a gun is the **highest it has** over the same period. been in 20 years-72 percent. Since 2002, Asian, Native Hawaiian, and Pacific Islander veterans saw the highest percent increase in their In 2021, 13 service members overall suicide rate. were killed in hostile action. This is the same number Asian, Native Hawaiian, 259% of veterans that die every or Pacific Islander day by gun suicide. American Indian/ 145% Alaska Native Black 58% Hispanic 49% White **48%** Sources: US Department of Veterans Affairs, 2001-2021 State and Na onal Data Appendie US Department of Defense, Defense Casualty Analysis System data.

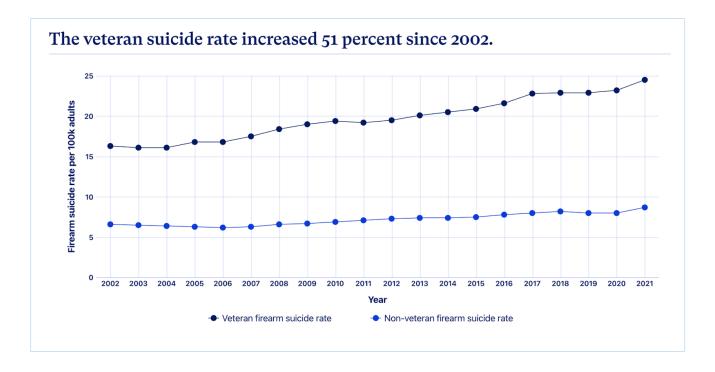


Key Findings

Veteran firearm suicide is an outsized part of a larger crisis.

In the United States, firearm suicide is a devastating public health crisis, claiming nearly 25,000 lives every year—about 68 deaths a day.⁸ The problem is not getting better: The firearm suicide rate has increased over the past decade.⁹

Veterans make up approximately one in five adult firearm suicides.¹⁰ That averages to 4,600 veteran firearm suicides every year.¹¹ Over the past 20 years, the veteran firearm suicide rate has increased by 51 percent. The firearm suicide rate among non-veteran adults increased 32 percent over this same period.¹²



Gun ownership increases the likelihood of firearm suicide, and suicide attempts with firearms are nearly always lethal.

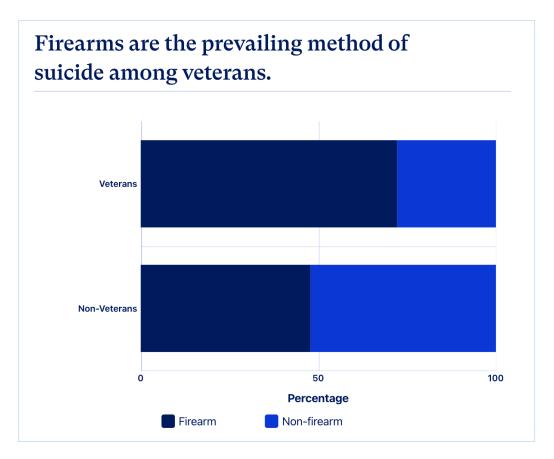
The dynamics of suicide are complex. However, research has confirmed that a combination of risk factors are often present before a suicide attempt. These known risk factors are (1) current life stressors, such as relationship problems, unemployment or financial problems, bullying, alcohol and substance use disorders, or mental health conditions, (2) historical risk factors, such as childhood abuse or trauma, a previous suicide attempt, or a family history of suicide, and (3) access to lethal means of harm such as firearms.¹³ Suicide risk dramatically increases when these factors coincide to create a sense of hopelessness and despair.

But one thing is clear: Easy access to firearms during a moment of crisis can mean the difference between life and death. Personal or household gun ownership triples the suicide risk.¹⁴ Firearms are a particularly lethal means of self-harm,¹⁵ and most people who survive a suicide attempt do not go on to die by suicide.¹⁶ Limiting gun access in a moment of acute crisis can ensure veterans live on as valued and valuable community members.



Veterans are more likely to own guns than non-veterans and are more likely to die by firearm suicide.

Across all suicide methods used, veterans suffer a higher suicide rate compared to non-veterans. But firearms—the most lethal among commonly used methods of self-harm—are the prevailing method among veterans who die by suicide.¹⁷ Half of veterans report owning guns (compared to 20 percent of non-veterans),¹⁸ and in 2021, veterans were nearly three times more likely than non-veterans to die by gun suicide.¹⁹ In fact, the use of guns in veteran suicide is becoming more frequent; in 2021, 72 percent of veteran suicides were by gun—the highest proportion in 20 years.²⁰ The prevalence of firearm use among veterans means an already urgent crisis is that much more lethal.



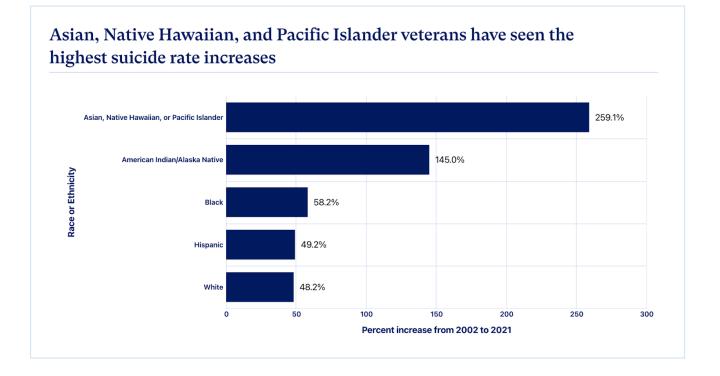
Firearms are increasingly used in suicides among female veterans.

Firearm suicide makes up a smaller proportion of all suicide deaths among female veterans than among males (52 percent and 73 percent, respectively, in 2021), but that is changing.²¹ Compared to other suicide methods, the use of firearms in female veteran suicide is increasing faster than among their male counterparts. From 2001²² to 2021, the proportion of suicide deaths by firearm increased 42 percent among female veterans but 9 percent among male veterans.²³ In addition, female veterans are more likely than civilian women to use a gun to die by suicide—in 2021, the firearm suicide rate among veteran women was nearly three times higher than among non-veteran women.²⁴ This trend is consequential because women are the fastest-growing veteran group, currently comprising about 11 percent of the US veteran population.²⁵

Veteran suicide is rising among all races and ethnicities.



By sheer numbers, the vast majority of veterans who die by suicide are white, as is also the case in the general US population. Rates, however, tell another story. The highest suicide rates per 100,000 veterans in 2021 were seen in American Indian and Alaska Native veterans, followed by white veterans and Asian, Native Hawaiian, or Pacific Islander veterans.²⁶ When looking at change in overall suicide over the past two decades, the data clearly shows that rates are rising among veterans of all races and ethnicities, although the burden is not felt equally. While suicide by all methods has gone up, some groups are seeing starker increases than others.²⁷ Since 2002, this increase has been especially sharp among two groups: American Indian and Alaska Native veterans, who have had a 145 percent increase in their suicide rate, and Asian, Native Hawaiian, and Pacific Islander veterans, who have had a 259 percent increase.



How do these increases compare to racial and ethnic increases in suicide in the general public? For both veterans and the general population, the suicide rate has increased for all racial and ethnic groups. But these increases are especially stark for veterans. For example, among the general population, American Indian and Alaska Native people experienced the highest rate increase since 2002: a 68 percent increase. Only Black veterans saw the same suicide increase as in the general population (58 percent). In all other groups, the veteran rate increase outpaced that of the general population. This is especially so for Asian, Native Hawaiian, or Pacific Islander veterans, who saw one of the lowest increases in the general population (30 percent) but the highest among veterans (259 percent).²⁸

The veteran suicide rate is highest among 18- to 34-year-olds.

In 2002, the highest suicide rate was seen among veterans aged 35 to 54, an age group made up of veterans who served at the same time as conflicts in Vietnam (1962–1973), the Persian Gulf (1991), and the intervening years.²⁹ Twenty years later, the suicide rate has increased among the youngest veterans, and veterans aged 18 to 34 now have the highest rate of suicide. In fact, in 2021, the rate of suicide among this



age group was 37 percent higher than the rate of suicide among veterans overall.³⁰ Among both men and women, the youngest veterans are facing the highest burden. This younger cohort of veterans began service in the post-9/11 era, and some of the youngest veterans hadn't even been born when the conflict began.

Veteran suicide is not always the result of combat trauma.

It is commonly assumed that suicide risk in veterans is due in large part to exposure to traumatic incidents while deployed to combat, but in fact, among veterans who served during the Iraq and Afghanistan wars, those who were not deployed to the Iraq or Afghanistan war zones were actually at higher risk for suicide than those who were.³¹ Combat trauma has a complex relationship with suicide risk among veterans, and while research shows that certain conditions like post-traumatic stress disorder (PTSD) can contribute to suicide risk, there is no clear association between combat exposure generally and the risk of dying by suicide.³²

It is not entirely clear what drives this noteworthy difference, though some evidence suggests it is due to the "healthy warrior effect," where soldiers are screened for their psychological resilience early in their careers. Recruits are trained in an intense environment that may reveal traits or disorders ill-suited for a war zone, which is a consideration for deployment later in their careers. One study of marines deployed in Iraq and Afghanistan found that all psychiatric conditions except PTSD occurred at higher rates in non-deployed soldiers, suggesting that resilience is observed before deployment.³³ Since veterans with mental health diagnoses have a higher suicide rate, such resilience may be an important protective factor.³⁴ Additionally, aspects of being in the military separate from combat exposure can contribute to a veteran's suicide risk. Military service can provide soldiers with positive experiences and skills, such as leadership, decision-making, working with a team, and close bonds with other soldiers, may be lacking in US society when a soldier then transitions to become a veteran. Physical conditions that may result from military service can prove challenging as well; chronic pain, sleeplessness, increased health problems, and decreased physical ability are all risk factors for suicide.³⁶ Research shows that without support, veterans risk feeling disoriented and without identity or meaning when they transition to civilian life.³⁷

Recommendations

The following are recommendations that research shows are effective in reducing suicide for all people. While more research is urgently needed to determine the effectiveness of veteran-specific suicide prevention and intervention, the policies below can also be used to address the rising rates of suicide among veterans as well as the general public.

We need to promote practices that put time and distance between those contemplating suicide and their guns.

Veterans are more likely to own firearms than non-veterans, and the average firearms-owning veteran owns six guns.³⁸ Secure gun storage practices, one foundational intervention point, are likely familiar to military service members and veterans, as military-issued guns are required to be stored in certain ways.

However, personal weapons may be treated differently: A 2022 survey found that while half of veterans own guns, the majority do not store all their guns securely.³⁹ In fact, veterans with certain risk factors for suicide—including alcohol misuse, depression, and suicidal ideation—were more likely to store their guns insecurely. Encouraging veterans to treat personal weapons with the same focus on safety expected while in the military is just one way we can prevent gun suicides in military communities.



Suicidal crises are often very brief, and preventing access to lethal means can stop a moment of despair from becoming an irreversible tragedy. Methods to reduce gun access for those in crisis exist on a continuum, and depending on the circumstances, some interventions may be more effective than others. If one tactic is not successful, another intervention can be used to put time and space between a person contemplating suicide and a particularly lethal means. Under this continuum, in addition to securely storing firearms at home, veterans with firearms in their homes can work with friends, family members, or physicians to give the keys to the person's secure storage device to a trusted friend or family member, put a plan in place to temporarily store their firearms with a friend or relative or in a storage facility, and/or take action to limit their own ability to acquire new guns in times of crisis. Voluntary Do Not Buy lists (sometimes called Voluntary Prohibition lists), currently enacted in several states, enable people to put themselves on a list that temporarily prevents them from purchasing guns.⁴⁰ Firearm storage maps have been developed to help community members find third-party storage options in several states and localities, including Colorado, Maryland, Mississippi, New Jersey, New York, and Washington State. Education about the ways to disrupt a person's access to a gun when they are in crisis is an important part of preventing suicide.

We need to identify veterans in crisis, and ensure all 50 states have the authority to temporarily remove their access to firearms.

Extreme Risk laws, sometimes referred to as "red flag" laws, allow immediate family members and/or law enforcement to petition a civil court for an order to temporarily remove guns during times of crisis. A growing number of states and Washington, DC, have adopted this effective suicide intervention tool.⁴¹ Risk-mitigation planning is critical to preventing suicide. For veterans' families and friends, this plan can include steps to intervene by utilizing these laws. If a court finds that a person poses a serious risk of injuring themselves or others with a firearm, that person becomes temporarily prohibited from purchasing and possessing guns, and any guns they already own must be turned in and held by law enforcement or another authorized party while the order is in effect.



While not all veterans seek Veterans Health Administration (VHA) services, the agency can, when not in conflict with patient confidentiality, work with designated petitioners to protect at-risk veterans by temporarily preventing their access to firearms. Extreme Risk laws have been proven to reduce firearm suicides. Following Connecticut's increased enforcement of its Extreme Risk law, one study found the law to be associated with a 14 percent reduction in the state's firearm suicide rate. And in Indiana, in the 10 years after the state passed its Extreme Risk law in 2005, the state's firearm suicide rate decreased by 7.5 percent.⁴² Warning signs that someone is suicidal are often most apparent to household or family members, and while it can sometimes feel like there is nothing that can be done, requesting an Extreme Risk Protection Order is one thing people can do.

We need healthcare professionals to have conversations about gun access and suicide risk.



Roughly two in three Americans who attempt suicide will visit a healthcare professional in the month before the attempt.⁴³ One survey of veterans already receiving mental health care found that more than half (56 percent) of patients with a suicide plan had guns in the household.⁴⁴ These visits offer critical opportunities for conversations about firearm access.

Counseling for Access to Lethal Means (CALM) is one program designed to equip medical professionals with language for discussing this risk with their patients, and it has been offered by some VHA facilities. Providers who have received this training are more likely to counsel clients on the importance of restricting access to lethal means of suicide. One study found that after receiving training, 65 percent of mental health care providers counseled on access to lethal means.⁴⁵ And while these conversations may be challenging, a majority of US gun owners, including veterans, agree that it is appropriate for clinicians to talk about firearm safety with their patients.⁴⁶ These conversations could save lives.

We need greater public and veteran awareness about the inherent risks of firearm access.

Many Americans are unaware of the threat firearms in the home can pose with respect to suicide. Access to a firearm increases the suicide risk three-fold for all household members.⁴⁷ As discussed, veterans are far more likely to own firearms than non-veterans, and a majority (63 percent) cite protection as a primary reason for firearm ownership.⁴⁸ But only 6 percent of veterans agree that having a gun in the home is a suicide risk factor.⁴⁹

As service members transition into becoming veterans, both the Department of Veterans Affairs and the Department of Defense are in a unique position to inform them of the risks of firearm ownership as a civilian. The Transition Assistance Program, which is mandatory for most people separating from the military, provides information and resources to prepare service members to become civilians. Alongside providing transitional support, training for the workforce, and an explanation of veteran benefits, this program provides an important opportunity for trusted messengers to share information about the risks and best practices of owning a firearm as a civilian.

Building public awareness about the inherent dangers of firearm access may help gun-owning veterans or their families to mitigate risks. For example, there are a number of innovative programs across the country that bring suicide prevention information directly to gun owners. These include a partnership between suicide prevention and firearm safety organizations to bring mandatory training sessions to those seeking concealed-carry permits in Utah.⁵⁰ Likewise, the Gun Shop Project in New Hampshire, which provides suicide prevention literature at firearm retailers, has expanded to several other states.⁵¹ Although some research demonstrates the impact of the Gun Shop Project in New Hampshire, rigorous evaluations of training programs for firearm purchasers and public awareness campaigns are needed to provide further information on their efficacy, particularly among veterans.

We need to address upstream factors to understand and prevent veteran gun suicide.

To prevent firearm suicide, it is crucial to recognize intervention points before an attempt. In its 2021 report entitled Reducing Military and Veteran Suicide: Advancing a Comprehensive, Cross-Sector, Evidence-Based Public Health Strategy, the Biden-Harris administration named addressing upstream risk and protective factors as a priority in preventing suicide among veterans. Barriers to accessing healthcare and benefits, financial and housing insecurity, difficulties in transitioning to civilian life, and job insecurity can all contribute to suicide risk.⁵² Policies to address these challenges and support veterans in navigating them are an important part of a holistic approach to preventing suicide.



We need timely data about veteran suicide and more research on the effectiveness of existing initiatives to combat this crisis.

Veteran suicide is an urgent, worsening crisis, but the lack of timely information about even the most basic aspects of this problem makes it difficult to design effective interventions. Data from 2021, the most recent year available, shows that veteran suicide was exacerbated by the effects of the COVID-19 pandemic. Now, years later, it is important to see how these trends and impacts have changed. Yet public access to that data is likely two to three years away. Knowing what challenges are facing today's veterans is crucial to alleviating them and ultimately preventing suicide.

Additionally, it is important to study different programs dedicated to preventing veteran suicide to reveal which ones are effective. The Department of Veterans Affairs facilitates many initiatives dedicated to ending veteran suicide, such as community-based outreach, expanding crisis line and telehealth options for veterans considering suicide, and peer support services. Evaluating these programs is a critical step toward revealing which are most effective in preventing veteran suicide.

Conclusion: Better Supporting Those Who Serve

To truly honor those who serve, we must fully support the strategies and additional research necessary to prevent veteran firearm suicide. Veterans are more likely than the general population to die by suicide, and more often use a gun. And too many don't store their guns safely, so there is no barrier between themselves and a particularly lethal means of self-harm. Addressing the rising rates of veteran suicide requires acknowledging the importance of guns in this crisis.

Veterans deserve the best resources our country can offer. The recommendations outlined above are just the start of a larger dialogue on effective strategies to give back to those who serve.

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Support For Those in Crisis

If you are a veteran in crisis—or you're concerned about one—free, confidential support is available 24/7. Call the Veterans Crisis Line at 988 and press 1, text 838255, or chat online at veteranscrisisline.net.

If you or someone you know is in crisis, please call or text 988, or visit 988lifeline.org/chat to chat with a counselor from the 988 Suicide & Crisis Lifeline, previously known as the National Suicide Prevention Lifeline. The 988 Lifeline provides free 24/7 confidential support to people in suicidal crisis or emotional distress anywhere in the US.



- Daniel C. Ehlman et al., "Changes in Suicide Rates—United States, 2019 and 2020," Morbidity and Mortality Weekly Report 71, no. 8 (February 25, 2022): 306–12, http://dx.doi.org/10.15585/mmwr.mm7108a5.
- US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), https://www.mentalhealth.va.gov/docs/data-sheets/2023/ 2023-National-Veteran-Suicide-Prevention-Annual-Report-<u>EINAL-508.pdf</u>. Veterans were defined as persons who had been activated for federal military service and were not currently serving at the time of their death.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx.
- Shaoli Li, Shu Huang, Shaohua Hu, and Jianbo Lai, "Psychological Consequences among Veterans during the COVID-19 Pandemic: A Scoping Review," *Psychiatry Research* 324 (June 2023): 115229, https://doi.org/10.1016/j.japu/bc.2023.115229.
- Kesedr (J) 324 (June 2023), 113223, 113223, https://doi.org/10.1016/j.psychres.2023.115229.
 Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 State Data Appendix," November 2023, https://bit.ly/2Qblicx. A yearly average was developed using five years of most recent available data: 2017 to 2021.
- Han K. Kang, Tim A. Bullman, Derek J. Smolenski, Nancy A. Skopp, Gregory A. Gahm, and Mark A. Reger, "Suicide Risk among 1.3 Million Veterans Who Were on Active Duty during the Iraq and Afghanistan Wars," Annals of Epidemiology 25, no. 2 (February 2015): 96–100, https://doi.org/10.1016/j.annepidem.2014.11.020. Study determined deployment from the Defense Manpower Data Center Contingency Tracking System records of soldiers deployed to the war zones of Iraq or Afghanistan.
- Everytown Research analysis of US Department of Defense, Defense Casualty Analysis System data, US Active Duty Military Deaths, Hostile Action, 2002–2021, https://dcas.dmdc.osd.mil/dcas/app/summaryData/deaths /byYearManner. Analysis used deaths by hostile action. It does not include deaths due to accidents, illness, self-inflicted deaths, terrorist attacks, or deaths by undetermined or pending causes.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx. Veteran and non-veteran crude rates for 2021.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 State Data Appendix," November 2023, https://bit.ly/2Qblicx.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 State Data Appendix," November 2023, <u>https://bit.ly/2Qblicx</u>. Analysis is of suicide by all methods.
- Everytown Research analysis of Centers for Disease Control and Prevention, National Center for Health Statistics. WONDER Online Database, Underlying Cause of Death. A yearly and daily average was developed using four years of the most recent available data: 2018 to 2021.
- Everytown Research analysis of Centers for Disease Control and Prevention, National Center for Health Statistics. WONDER Online Database, Underlying Cause of Death. A percent change was developed using 2012 and 2021 age-adjusted rates for all ages.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 State Data Appendix," November 2023, https://bit.ly/2Qblicx. A yearly average was developed using five years of most recent available data: 2017 to 2021.
- 14. Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide

Prevention, "2001–2021 State Data Appendix," November 2023, https://bit.ly/2Qblicx. A yearly average was developed using five years of most recent available data: 2017 to 2021.

- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 State Data Appendix," November 2023, https://bit.ly/2Qblicx. Veteran firearm suicide crude rates were calculated using veteran population estimates provided by the VA in the "2001–2021 National Data Appendix," <u>https://bit.ly/2Qblicx</u>. Percent change: 2002 vs. 2021. The rate increased from 16.3 veteran firearm suicides per 100,000 people in 2002 to 24.5 per 100,000 in 2021—a 51 percent increase. The non-veteran adult firearm suicide rate increased from 6.6 per 100,000 in 2002 to 8.7 per 100,000 in 2021—a 32 percent increase.
- American Foundation for Suicide Prevention, "Risk Factors, Protective Factors, and Warning Signs," accessed December 1, 2023, https://afsp.org/risk-factors-protective-factors-and-warnin g-signs/.
- Andrew Anglemyer, Tara Horvath, and George Rutherford, "The Accessibility of Firearms and Risk for Suicide and Homicide Victimization Among Household Members: A Systematic Review and Meta-Analysis," Annals of Internal Medicine 160, no. 2 (2014): 101–10, https://doi.org/10.7326/M13-1301.
- Andrew Conner, Deborah Azrael, and Matthew Miller, "Suicide Case-Fatality Rates in the United States, 2007 to 2014: A Nationwide Population-Based Study," Annals of Internal Medicine 171, no. 12 (2019): 885–95.
 Debart Carrell, Chris Materale, and Devid Curpell.
- Robert Carroll, Chris Metcalfe, and David Gunnell, "Hospital Presenting Self-Harm and Risk of Fatal and Non-Fatal Repetition: Systematic Review and Meta-Analysis," PLOS ONE 9, no. 2 (February 28, 2014): e89944, https://doi.org/10.1371/journal.pone.0089944; David Owens, Judith Horrocks, and Allan House, "Fatal and Non-fatal Repetition of Self-Harm: Systematic Review," British Journal of Psychiatry 181, no. 3 (September 2002): 193–99, https://doi.org/10.1192/bjp.181.3.193.
- US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), https://www.mentalhealth.va.gov/docs/data-sheets/2023/ 2023-National-Veteran-Suicide-Prevention-Annual-Report-FINAL-508.pdf.
- 21. Deborah Azrael et al., "The Stock and Flow of US Firearms: Results from the 2015 National Firearms Survey," *RSF: The Russell Sage Foundation Journal of the Social Sciences* 3, no. 5 (October 2017): 38–57.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx. Veteran and non-veteran crude rates for 2021.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 State Data Appendix," November 2023, https://bit.ly/2Qblicx.
- US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), bit.ly/42Cu92t; US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "Suicide among Veterans and Other Americans, 2001–2014," August 2017, https://tinyurl.com/284seurc.
- Note: 2001 data is used for comparison because the proportion of suicide deaths by firearms by gender in 2002 has not been published by the Department of Veterans Affairs.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), <u>bit.ly/42Cu9Zt</u>; and US



Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "Suicide among Veterans and Other Americans, 2001–2014," August 2017, https://tinvurl.com/284seurc.

- https://tinyurl.com/284seurc.
 US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), bit.ly/42Cu92t.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx.
- Due to a lack of method-specific data by both race and ethnicity and age groupings, analysis for these demographic groups is presented for overall suicide.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx.
- 31. Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx.
- U.S. Department of Veterans Affairs. "Veterans Employment Toolkit: Dates and Names of Conflicts." Accessed January 25, 2024. https://www.va.gov/vetsinworkplace/docs/em_datesname S.asp.
- Everytown Research analysis of US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, "2001–2021 National Data Appendix," November 2023, https://bit.ly/2Qblicx.
- Han K. Kang, Tim A. Bullman, Derek J. Smolenski, Nancy A. Skopp, Gregory A. Gahm, and Mark A. Reger, "Suicide Risk among 1.3 Million Veterans Who Were on Active Duty during the Iraq and Afghanistan Wars," *Annals of Epidemiology* 25, no. 2 (February 2015): 96–100, https://doi.org/10.1016/j.annepidem.2014.11.020.
- William Hudenko, Beeta Homaifar, and Hal Wortzel, "The Relationship Between PTSD and Suicide," National Center for PTSD, US Department of Veterans Affairs, https://www.ptsd.va.gov/professional/treat/cooccurring/s uicide_ptsd.asp#two.
- Gerald E. Larson, Robyn M. Highfill-McRoy, and Stephanie Booth-Kewley, "Psychiatric Diagnoses in Historic and Contemporary Military Cohorts: Combat Deployment and the Healthy Warrior Effect," *American Journal of Epidemiology* 167, no. 11 (June 1, 2008): 1269–76, https://doi.org/10.1093/aje/kwn084.
- US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), bit.ly/42Cu9Zt.
- James Craig, Jeanette Leonard, Ronald Link, and Tammy White-McKnight, "Understanding Military Culture: A Primer in Cultural Competence Working with Military Members and Families," Health Services Research & Development, US Department of Veterans Affairs, Washington, DC, video, April 5, 2022, https://www.hsrd.research.va.gov/for_researchers/unders

https://www.hsrd.research.va.gov/for_researchers/unders tanding-military-culture.cfm.

- US Department of Veterans Affairs, Office of Mental Health and Suicide Prevention, 2023 National Veteran Suicide Prevention Annual Report (Washington, DC: US Department of Veterans Affairs, November 2023), bit.ly/42Cu9Zt.
- Pease, James L., Melodi Billera, and Georgia Gerard. "Military Culture and the Transition to Civilian Life: Suicide Risk and Other Considerations." Social Work 61, no. 1 (January 1, 2016): 83–86. https://doi.org/10.1093/sw/swv050.
- Emily C. Cleveland et al., "Firearm Ownership among American Veterans: Findings from the 2015 National Firearm Survey," *Injury Epidemiology* 4, no. 33 (December 2017), doi: 10.1186/s40621-017-0130-y.
- Nichter, Brandon, Melanie L. Hill, Ian Fischer, Kaitlyn E. Panza, Alexander C. Kline, Peter J. Na, Sonya B. Norman,

Mara Rowcliffe, and Robert H. Pietrzak. "Firearm Storage Practices among Military Veterans in the United States: Findings from a Nationally Representative Survey." Journal of Affective Disorders 351 (April 2024): 82–89. https://doi.org/10.1016/j.jad.2024.01.179.

- 43. See, e.g., Rev. Code Wash. (ARCW) § 9.41.350; Va. Code Ann. § 52-50, et. seq.; Utah Code Ann. § 53-5c-301.
- 44. Aaron J. Kivisto and Peter Lee Phalen, "Effects of Risk-Based Firearm Seizure Laws in Connecticut and Indiana on Suicide Rates, 1981-2015," *Psychiatric Services* 69, no. 8 (June 2018): 855–62; Jeffrey W. Swanson et al., "Implementation and Effectiveness of Connecticut's Risk-Based Gun Removal Law: Does It Prevent Suicides?" *Law and Contemporary Problems* 80, no. 2 (2017): 179–208; Jeffrey W. Swanson et al., "Criminal Justice and Suicide Outcomes with Indiana's Risk-Based Gun Seizure Law," *Journal of the American Academy of Psychiatry and the Law* 47, no. 3 (April 2019): 188–97.
- Aaron J. Kivisto and Peter Lee Phalen, "Effects of Risk-Based Firearm Seizure Laws in Connecticut and Indiana on Suicide Rates, 1981-2015," *Psychiatric Services* 69, no. 8 (June 2018): 855–62.
- Brian Ahmedani et al., "Racial/Ethnic Differences in Health Care Visits Made before Suicide Attempt across the United States," *Medical Care* 53, no. 5 (May 2015): 430–35.
- Marcia Valenstein et al., "Possession of Household Firearms and Firearm-Related Discussions with Clinicians among Veterans Receiving VA Mental Health Care," *Archives of Suicide Research* 24, no. sup1 (February 2019), doi: 10.1080/13811118.2019.1572555.
- Renee M. Johnson et al., "Training Mental Healthcare Providers to Reduce At-Risk Patients' Access to Lethal Means of Suicide: Evaluation of the CALM Project," Archives of Suicide Research 15, no. 3 (August 2011): 259–64.
- Marian E. Betz et al., "Public Opinion Regarding Whether Speaking with Patients about Firearms Is Appropriate: Results of a National Survey," Annals of Internal Medicine 165, no. 8 (October 2016): 543–50.
- Andrew Anglemyer, Tara Horvath, and George Rutherford, "The Accessibility of Firearms and Risk for Suicide and Homicide Victimization among Household Members: A Systematic Review and Meta-analysis," Annals of Internal Medicine 160, no. 2 (January 2014): 101–110.
- 51. Emily C. Cleveland et al., "Firearm Ownership among American Veterans: Findings from the 2015 National Firearm Survey," *Injury Epidemiology* 4, no. 33 (December 2017), doi: 10.1186/s40621-017-0130-y; Andrew Anglemyer, Tara Horvath, and George Rutherford, "The Accessibility of Firearms and Risk for Suicide and Homicide Victimization among Household Members: A Systematic Review and Meta-analysis," *Annals of Internal Medicine* 160, no. 2 (January 2014): 101–110.
- 52. Joseph A. Simonetti et al., "Firearm Storage Practices among American Veterans," *American Journal of Preventive Medicine* 55, no. 4 (October 2018): 445–54.
- Utah Bureau of Criminal Information, "Firearm Suicide Prevention: A Brief Module for Utah Concealed Carry Class," 2016, https://bci.utah.gov/wp-content/uploads/sites/15/2019/05

https://bci.utah.gov/wp-content/uploads/sites/15/2019/05 /Firearm-Safety-PPT-UT-FINAL.pdf.

- The Connect Program, "NH Firearm Safety Coalition -Suicide Prevention: A Role for Firearm Dealers and Ranges," accessed December 13, 2023, https://theconnectprogram.org/resources/nh-firearm-safe ty-coalition/; Harvard T.H. Chan School of Public Health, "Means Matter: Gun Shop Project," https://bit.ly/2c4QKah.
- 55. The White House, Reducing Military and Veteran Suicide: Advancing a Comprehensive, Cross-Section, Evidence-Informed Public Health Strategy (Washington, DC: The White House, November 2021), https://www.whitehouse.gov/wp-content/uploads/2021/1 1/Military-and-Veteran-Suicide-Prevention-Strategy.pdf.