

# FIREARM STORAGE

## PREFERRED LOCKING DEVICES AND FEATURES

### SUICIDE AND FIREARMS: FACTS THAT MATTER

**69.4%**

69.4% of US Veteran suicides resulted from a firearm injury in 2016 <sup>1</sup>

**65.4%**

65.4% of US active duty suicides resulted from a firearm injury in 2017 <sup>2</sup>

**4x**

US Army soldiers who died by suicide were **4.1 times more likely** to store a loaded firearm at home <sup>3</sup>

#### WHY IS LETHAL MEANS SAFETY IMPORTANT?

Increasing the time and distance between someone with a suicidal impulse and a firearm can reduce suicide risk.



**85%**

OF SUICIDE ATTEMPTS WITH A FIREARM ARE

**FATAL** <sup>4</sup>



INTERVENTIONS SHOULD BE ALIGNED WITH THE NEEDS AND PREFERENCES OF USERS

### WHAT ARE THE PREFERENCES OF FIREARM USERS?

#### PROTECTION IS A MAIN REASON FOR FIREARM OWNERSHIP. <sup>5,6</sup>

I need to protect myself, my loved ones, and my home.

I need quick and easy access to my firearm.



**BUT**

AN UNLOCKED FIREARM IS MORE LIKELY TO RESULT IN INJURY OR DEATH. <sup>7,8,9</sup>

### STUDY METHODS

Cross-sectional study of adults' preferences for firearm locking devices and features



Surveys given at two community-based firearm safety events

401 respondents

185

All firearms locked

141

At least one unlocked firearm

75

No firearms in household

**CABLE LOCK**

**TRIGGER LOCK**

**LOCK BOX**

**FIREARM SAFE** <sup>10</sup>



\$5-15

\$5-15

\$20-100

\$100+

### RESULTS

Among those with at least one **unlocked firearm**

#### LOCKING DEVICE TYPES

**% WHO WOULD NEVER USE:**

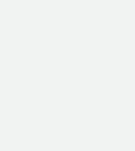
2.2%

**LOCK BOX**

2.2%

**FIREARM SAFE**

8.9%



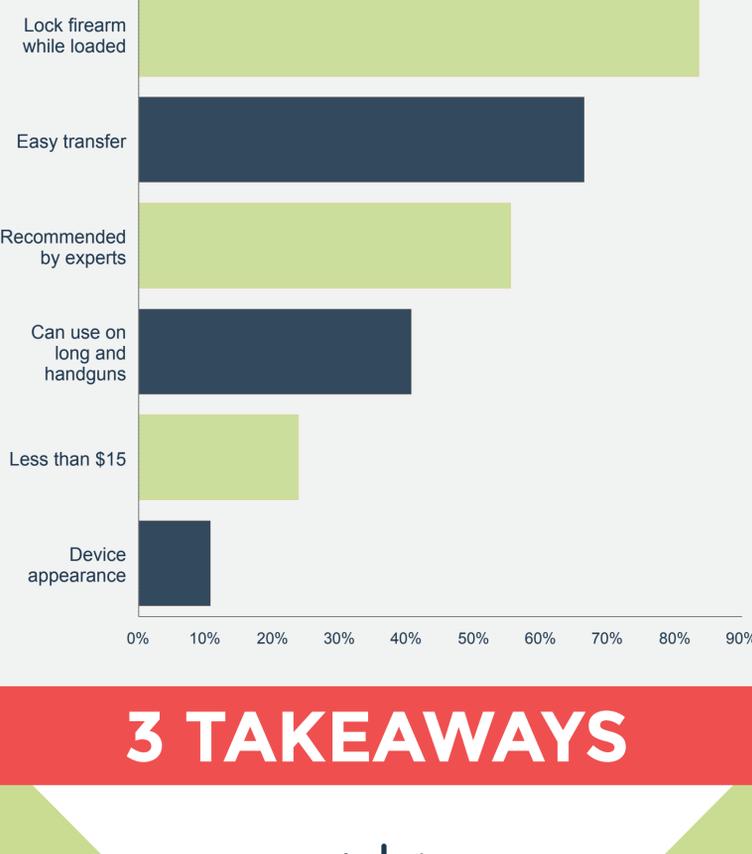
11.1%

**TRIGGER LOCK**

**CABLE LOCK**

#### DEVICE FEATURES

Very important or absolutely essential



### 3 TAKEAWAYS



This study provides the first detailed insights into firearm safety device preferences.

1

Consider these preferences in the design of interventions.

3

2

Future research should determine how preferences impact the effectiveness of interventions.

### SOURCES

Simonetti JA, Simeona C, Gallagher C, Bennett E, Rivara FP, Rowhani-Rahbar A. Preferences for Firearm Locking Devices and Device Features Among Participants in a Firearm Safety Event. The western journal of emergency medicine. 2019;20(4):552-556.

1. [https://www.mentalhealth.va.gov/docs/data-sheets/OMHSP\\_National\\_Suicide\\_Data\\_Report\\_2005-2016\\_508.pdf](https://www.mentalhealth.va.gov/docs/data-sheets/OMHSP_National_Suicide_Data_Report_2005-2016_508.pdf)  
 2. [https://www.pdhealth.mil/sites/default/files/images/docs/TAB\\_B\\_DoDSER\\_CY\\_2017\\_Annual\\_Report\\_508\\_071619.pdf](https://www.pdhealth.mil/sites/default/files/images/docs/TAB_B_DoDSER_CY_2017_Annual_Report_508_071619.pdf)  
 3. <https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2735465>  
 4. <https://www.cdc.gov/MMWR/preview/mmwrhtml/ss5307a1.htm>  
 5. <https://www.ncbi.nlm.nih.gov/pubmed/29256160>  
 6. <https://www.ncbi.nlm.nih.gov/pubmed/30166080>  
 7. <https://www.ncbi.nlm.nih.gov/pubmed/12095900>  
 8. <https://www.ncbi.nlm.nih.gov/pubmed/15365110>  
 9. <https://www.ncbi.nlm.nih.gov/pubmed/15701912>  
 10. <https://www.gao.gov/assets/690/687239.pdf>