

END GUN VIOLENCE



# Gun Violence in America

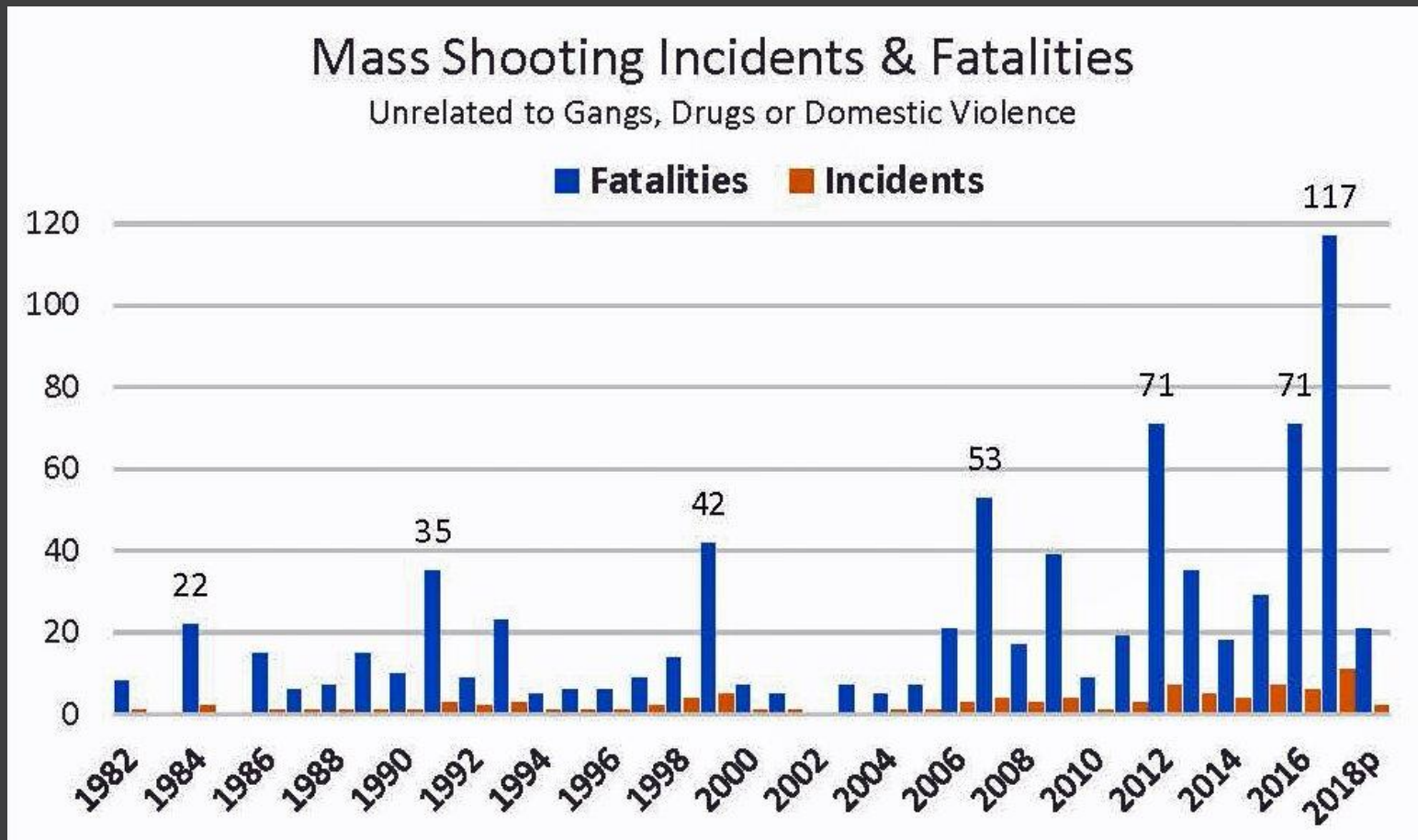
Team CWS

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# Introduction

- ❑ Gun violence in the United States has been on a rapid incline in recent years
- ❑ Mass shootings, which are shootings with four or more deaths have become more frequent in recent years
- ❑ Young Americans are 50 times likely more likely to die due to gun violence than any other economically comparable country
- ❑ Our goal for this project is to determine ways to reduce gun violence
  - ❑ Look for warning signs
  - ❑ Find legal solutions
  - ❑ Establish a culture of gun safety
  - ❑ Other possible solutions

# Mass shootings over time in America



□ As you can see gun violence has increasingly become a major problem in the united states.

A blurred background image showing a pen writing on a document. The document features a line graph with a dotted grid. The pen is positioned at the top right, and the graph shows a line that fluctuates. Some numbers are visible on the graph, such as '2,5' and '2,47'.

# Data preparation

# Data Preparation

- ❑ We chose to use quality over quantity in order to find the best data while still having enough for the report
- ❑ Mark Follman, Gavin Aronsen, Deanna Pan
- ❑ 125 different occurrences of mass shootings
  - ❑ Rampage in public spaces
  - ❑ Four or more victims
- ❑ 24 separate columns of data

# Data Pre-Processing

- ❑ For our large data set with details of the incident date, state, city, address, number killed, and number injured
- ❑ We removed the address column and left the remaining columns there.
- ❑ Finally for the gun law data we were able to use the first columns of that for, state, law class number and law class, hand guns or long guns, effect, type of change, and effective data.
- ❑ The remaining columns for that were not needed and removed.

# Data Analysis



# Data Analysis

- ❑ We are aiming to compare the large data set with all the mass shootings to the large data set with gun laws.
- ❑ By doing this we hope to see a correlation with gun laws and then hopefully less mass murders after the laws are put into place
- ❑ Using this information we will see if there is a correlation between each states number of gun laws and the number of mass shootings that occur in said state.
- ❑ The average age of a shooter is 33.2 years old. 83% of mass shootings the shooter obtained the weapon legally.



# Conclusions

- ❑ Through our research we have concluded that mass shootings are possibly preventable
- ❑ Mental health support for troubled individuals is a good place to start to prevent further tragedies.
- ❑ Secondly, put into place more gun laws to ensure that people who may be dangerous individuals not acquire a gun.
- ❑ Lastly provide ways to limit high volume magazines

# Questions

