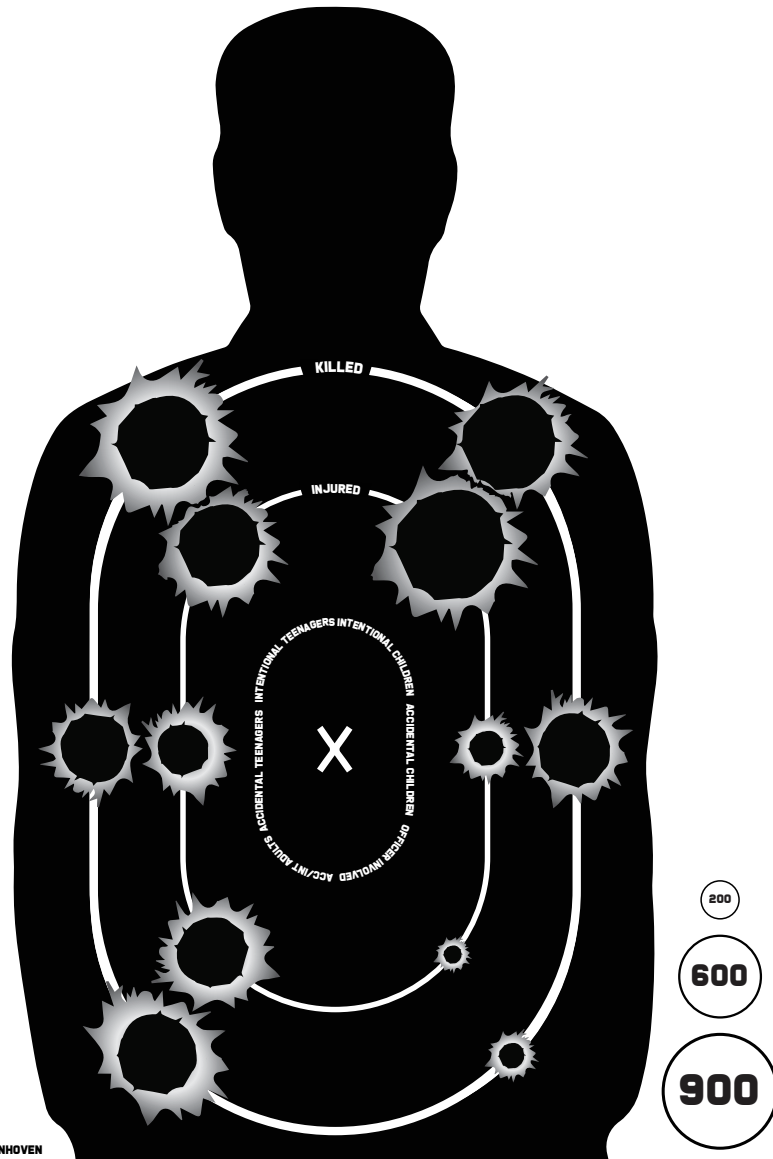


PORTFOLIO

JALLE

VAN GOIDSENHOVEN

GUN VIOLENCE IN THE UNITED STATES 2014 - 2016



ASSIGNMENT 1

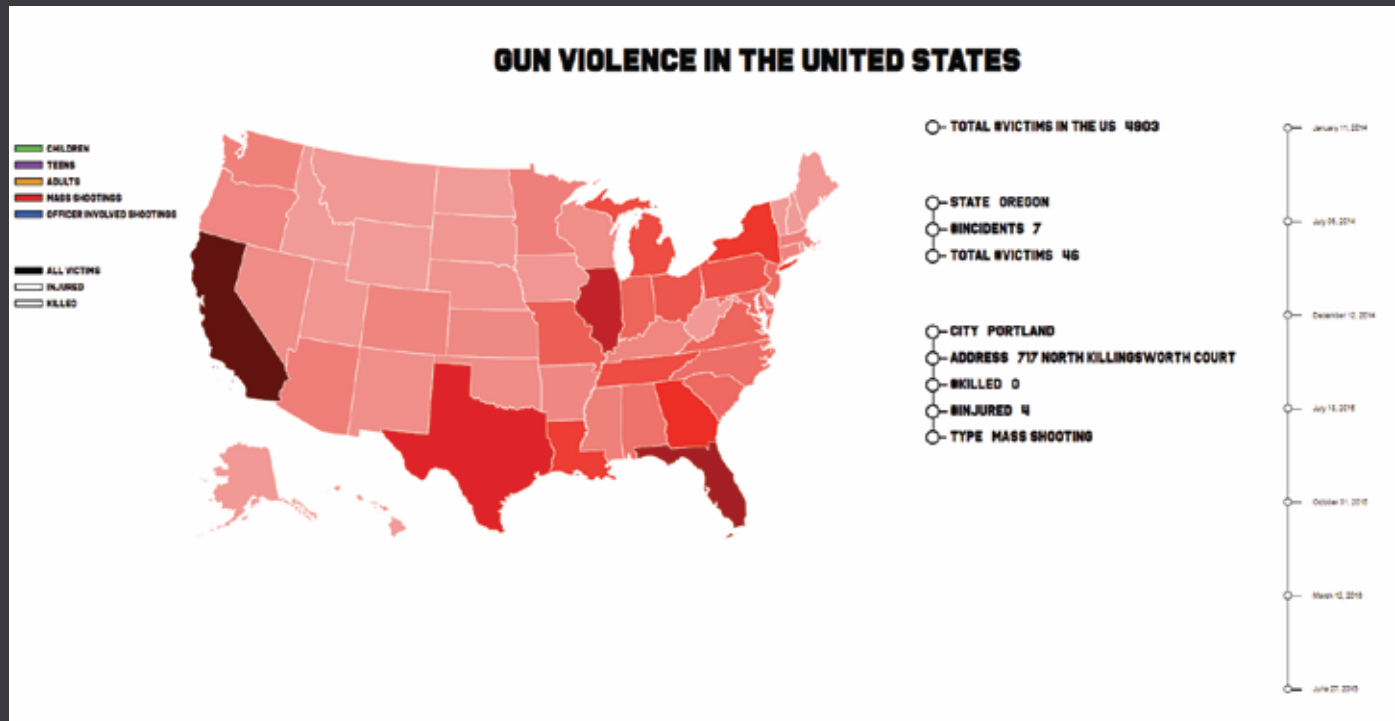
This visualization represents the amount of people injured or killed by gun violence in the United States. It was drawn in Illustrator after preliminary sketches in P5.

MASS SHOOTINGS IN THE UNITED STATES 2014 - 2016



The size of the bullet holes indicate the amount of people who became a victim of gun violence. The center ellipse explains the categories.

Explanatory | Static

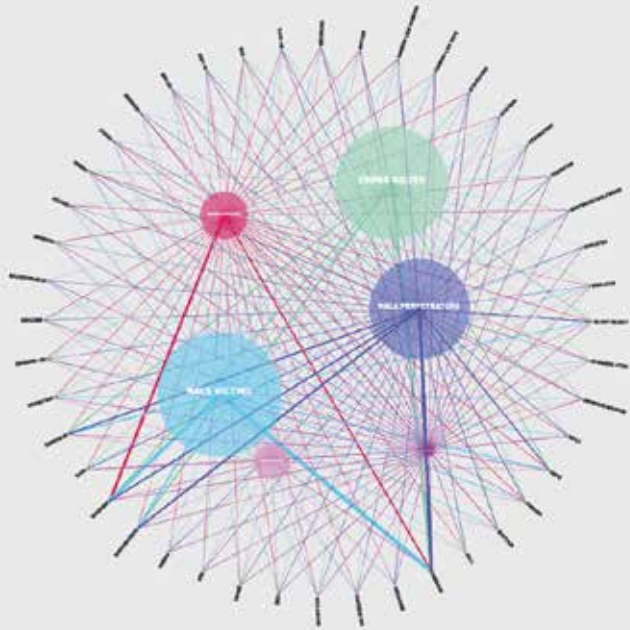


ASSIGNMENT 2

An interactive map of the United States, developed in D3. A heatmap indicates the total amount of victims in a State. Clicking on a state will reveal detailed information with a timeline of events.

Explanatory | Interactive | D3

HOMICIDE REPORTS 1980-2014



ASSIGNMENT 3

This assignment shows the relations between different aspects of homicides in the United States . The width of the connective lines indicates the amount of cases that share that particular connection. The circle consists of murder weapons and the relationship between the victim and perpetrator.

This project was developed in node-box after analysing the data using Excell and Nodejs.

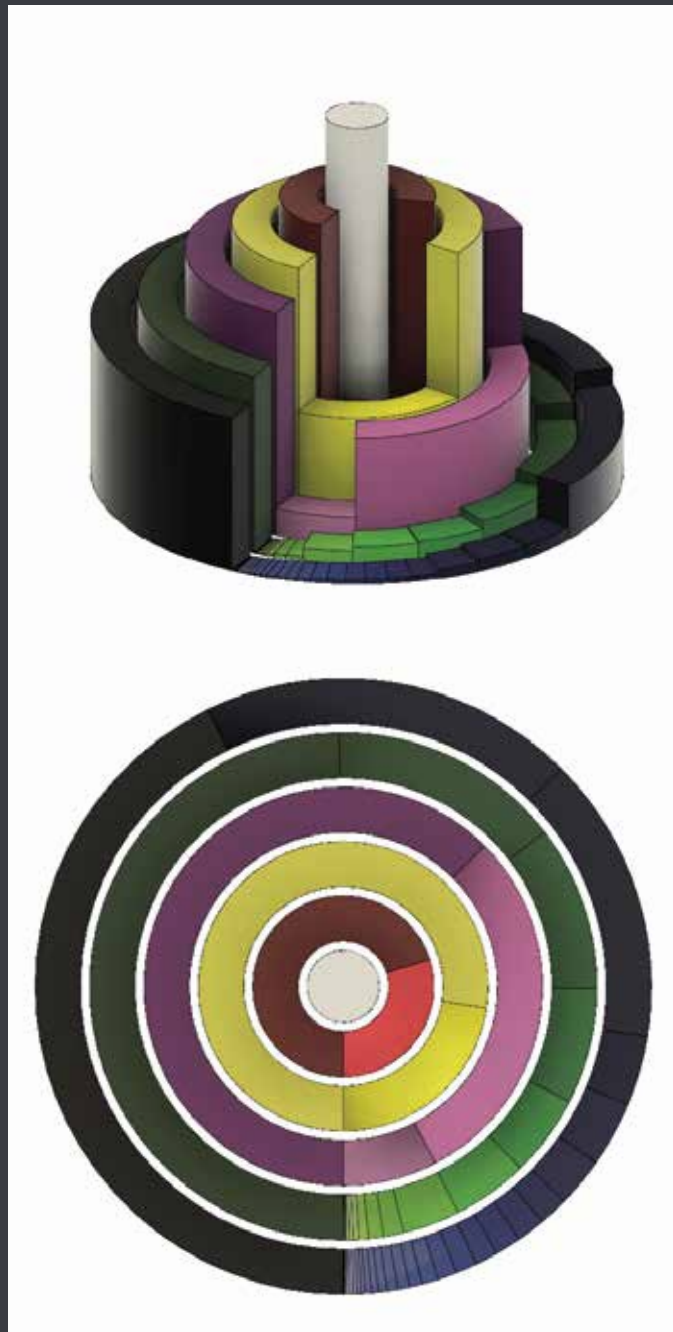


Exploratory | Static | Node-based

ASSIGNMENT 4

A 3D model that relates the proportions of certain aspects in homicide reports. The height and length of the bars indicate the total amount of homicides that include those categories. Each concentric circle represents a category like sex of the victim, murder weapon used, status of the crime.

It also includes a legend and a ruler for clarification of the data. Modeled in Fusion 360 .



Explanatory | Static | 3D

ASSIGNMENT 5

An auditive representation of Microsoft's stock value. It uses real time data to get the current values and exchange rates. The values are shown in chart and sonified using the parameters in the bottom right.

The user can change the tone, speed and type of sound they wish to hear. This soundwave is then visualized in the lower chart.



Exploratory | Linear | Auditive