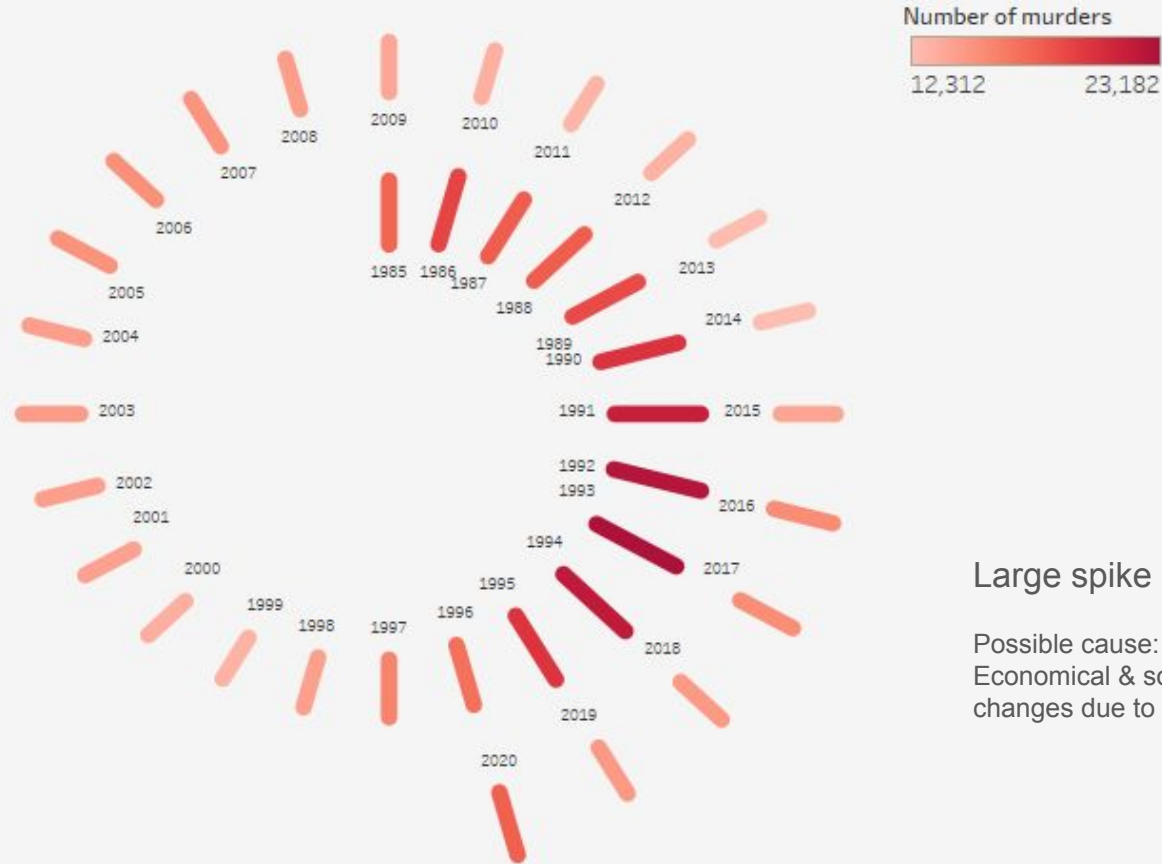


Crime in the USA

Group 5 (Mur-Der JUDAS!)

Total number of murders per year in the USA nonnegligent manslaughter



High murder
count until early
90's followed by a
rapid decline
in the mid 90's

Possible cause:
Aging society

Rising counts
again from 2015
with bigger spike
in 2016

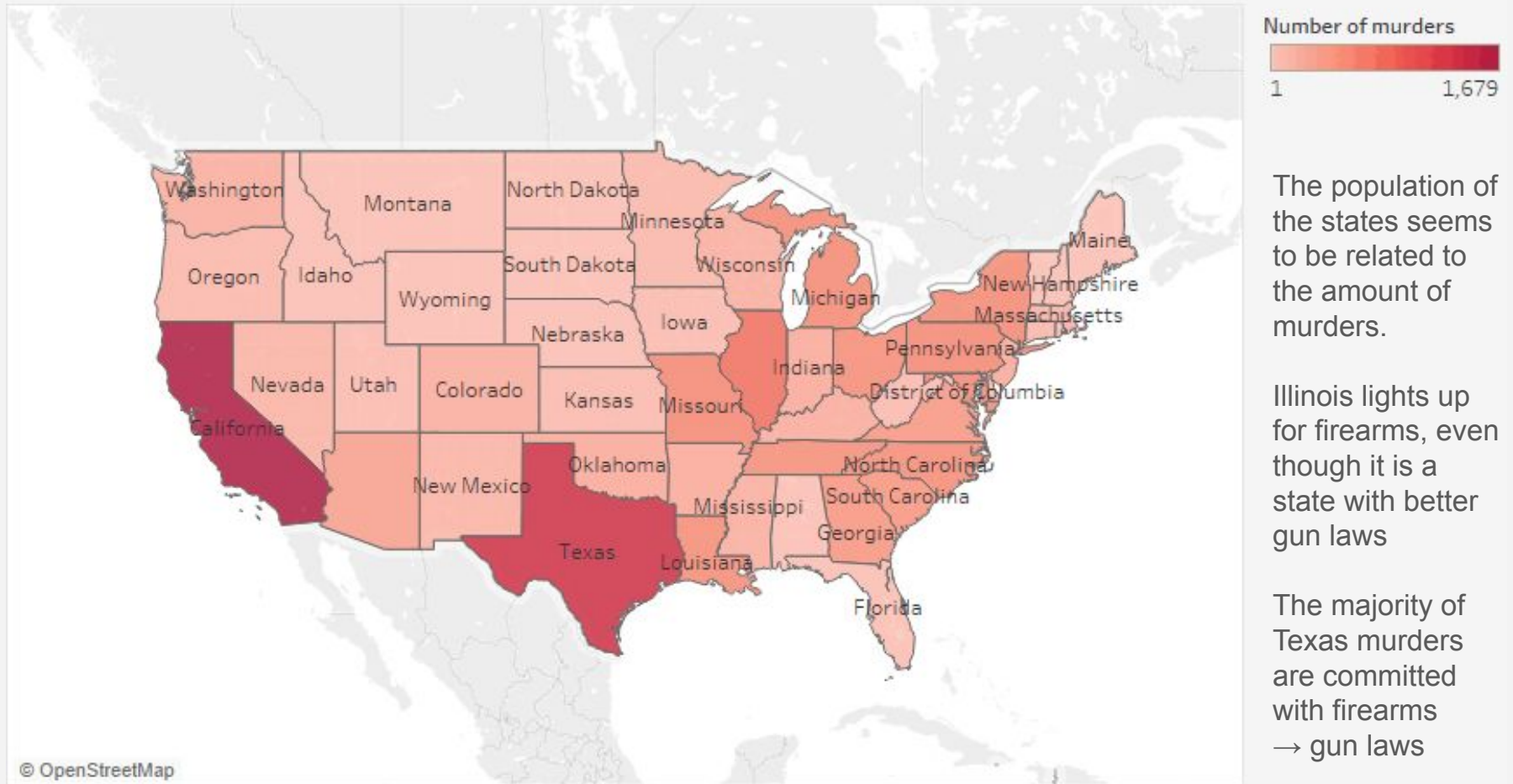
Possible cause:
Ferguson effect

Large spike in 2020

Possible cause:
Economical & societal
changes due to COVID

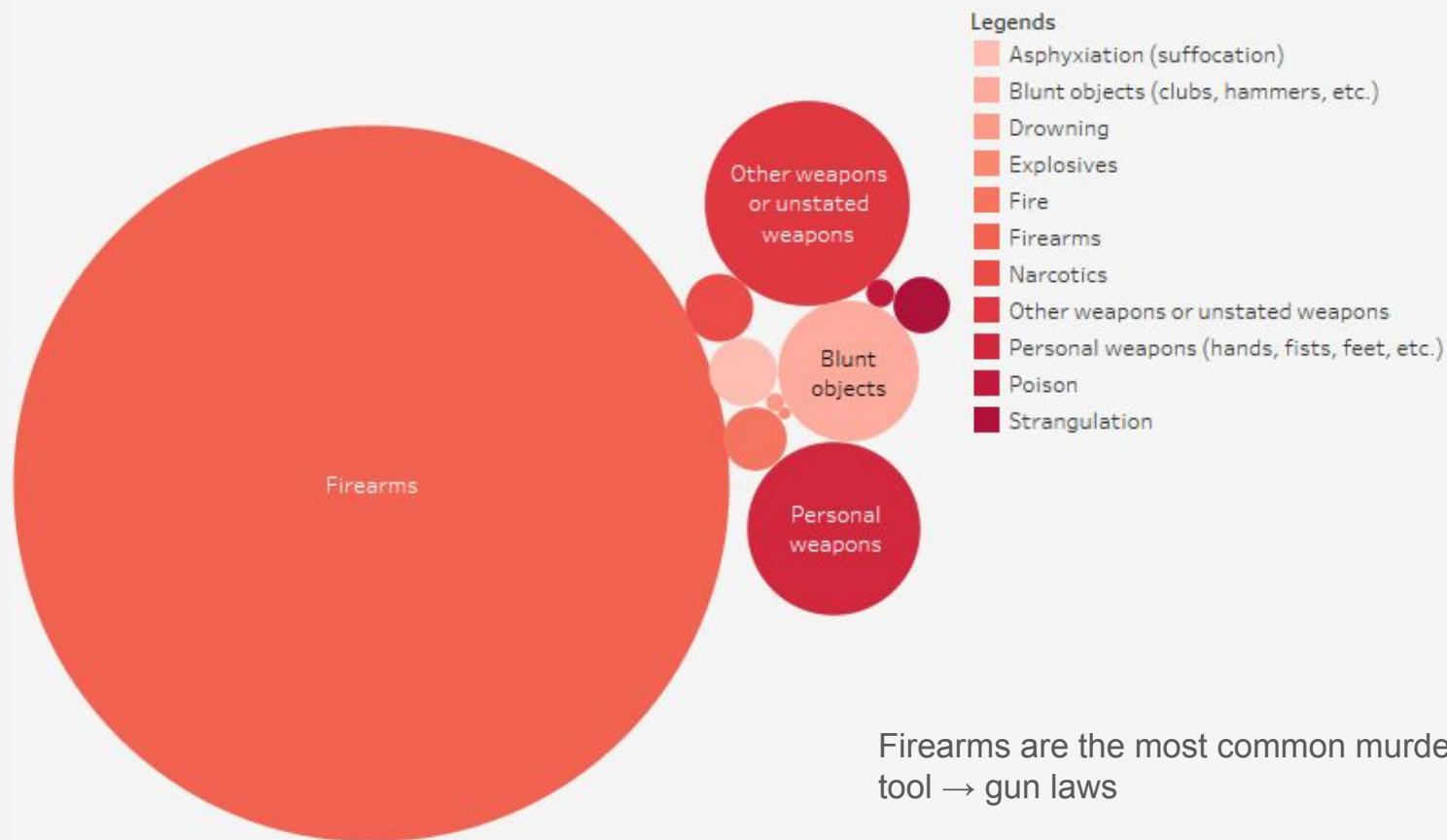
Murders in the USA per state in 2019 - Total murders

Nonnegligent manslaughter

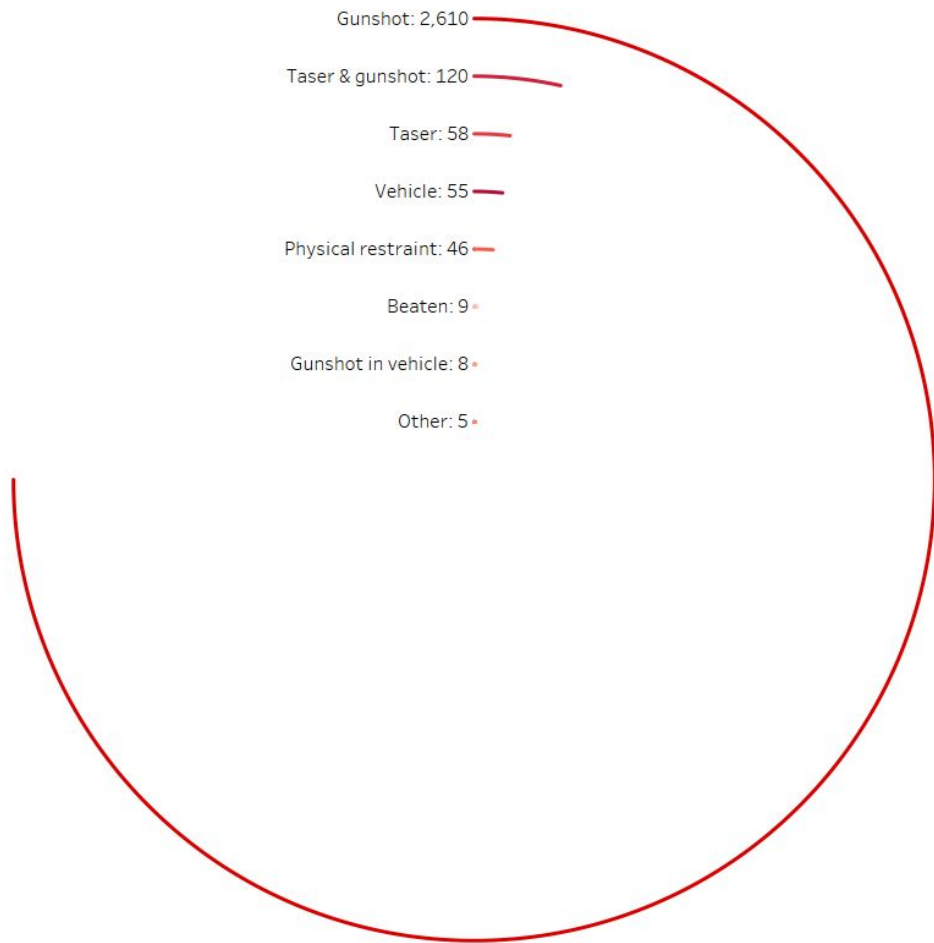


Murder weapons used in the USA in 2019

Nonnegligent manslaughter

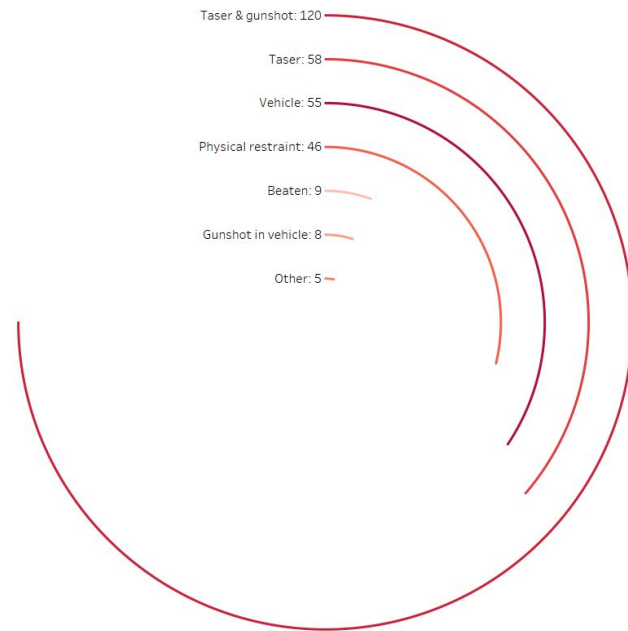


Firearms are the most common murder tool → gun laws

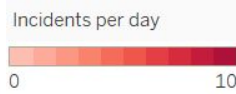


Cause of death (Cause of death)

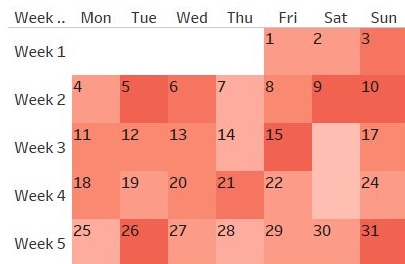
- Beaten
- Gunshot
- Gunshot in vehicle
- Other
- Physical restraint
- Taser
- Taser & gunshot
- Vehicle



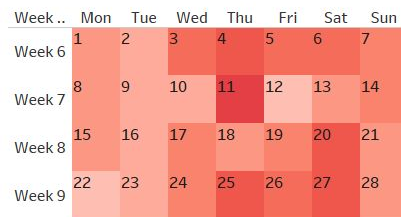
Murders by police officers in 2021 in the USA



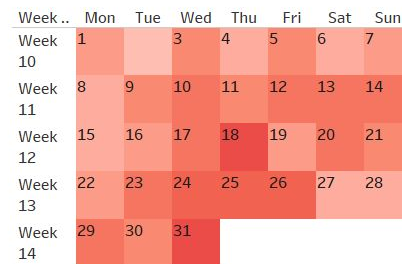
January



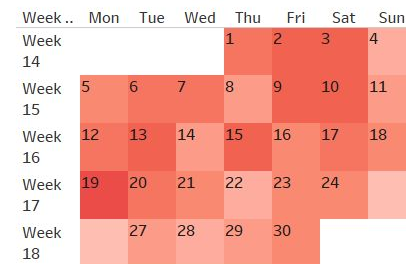
February



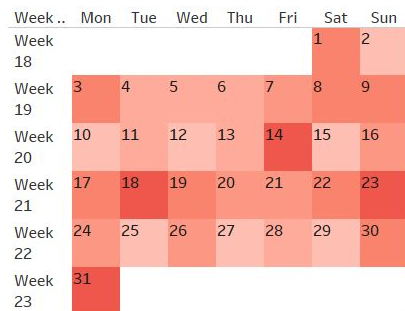
March



April



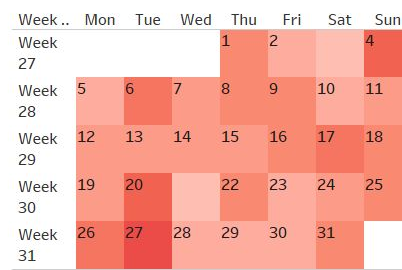
May



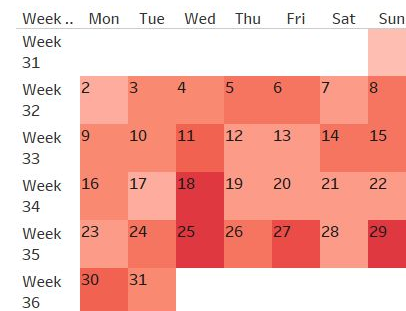
June



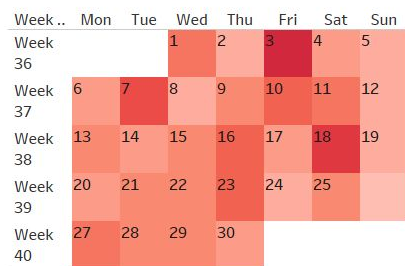
July



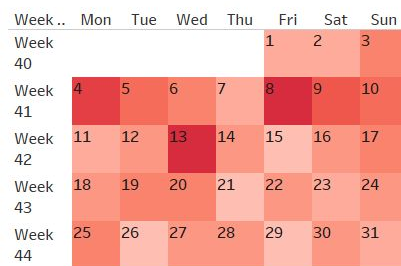
August



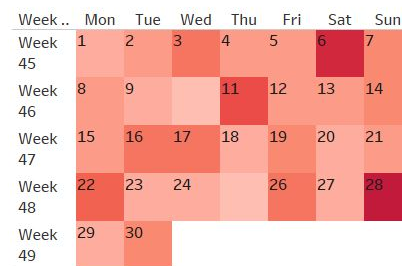
September



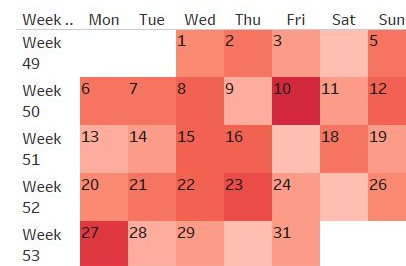
October

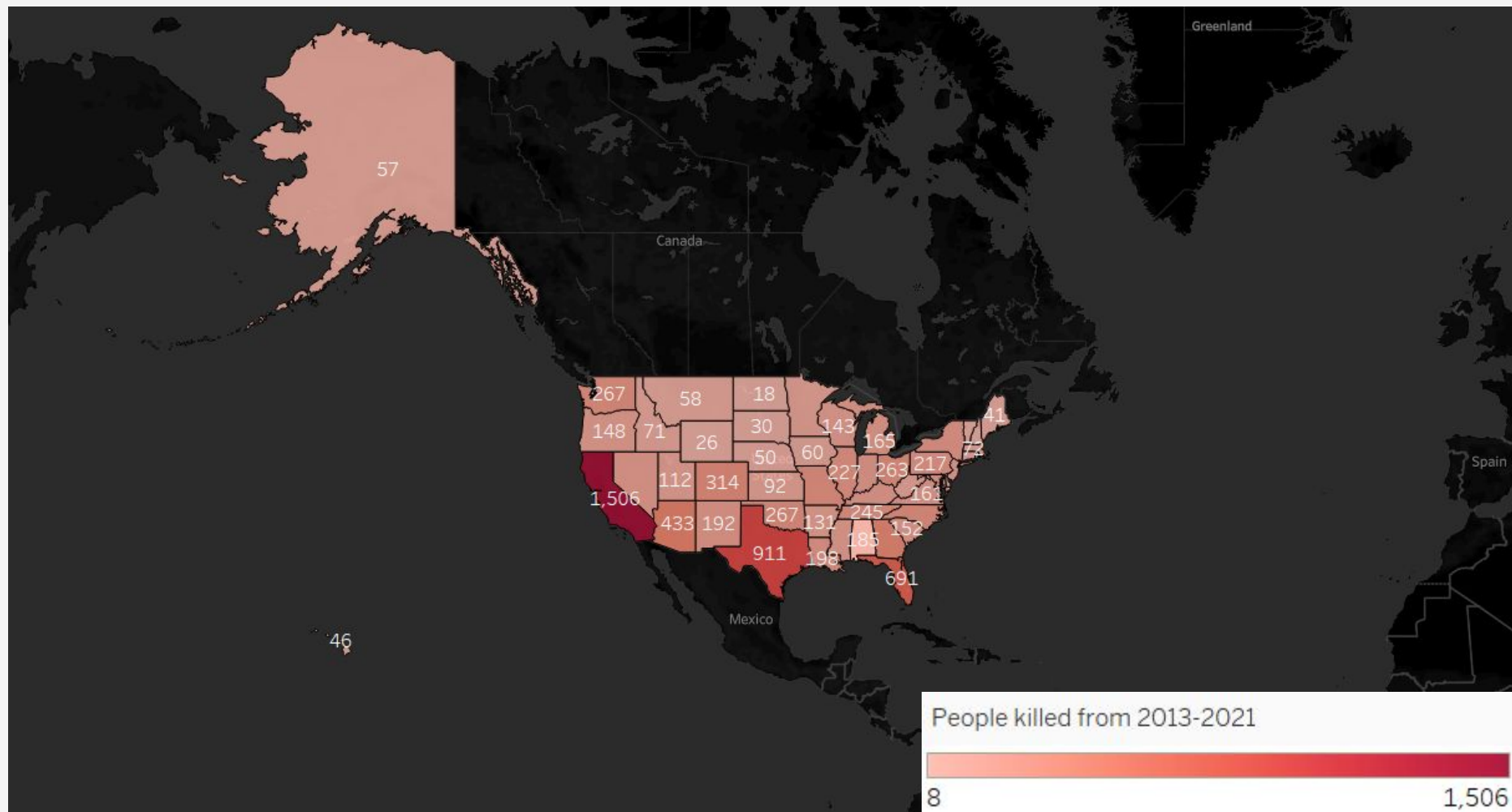


November

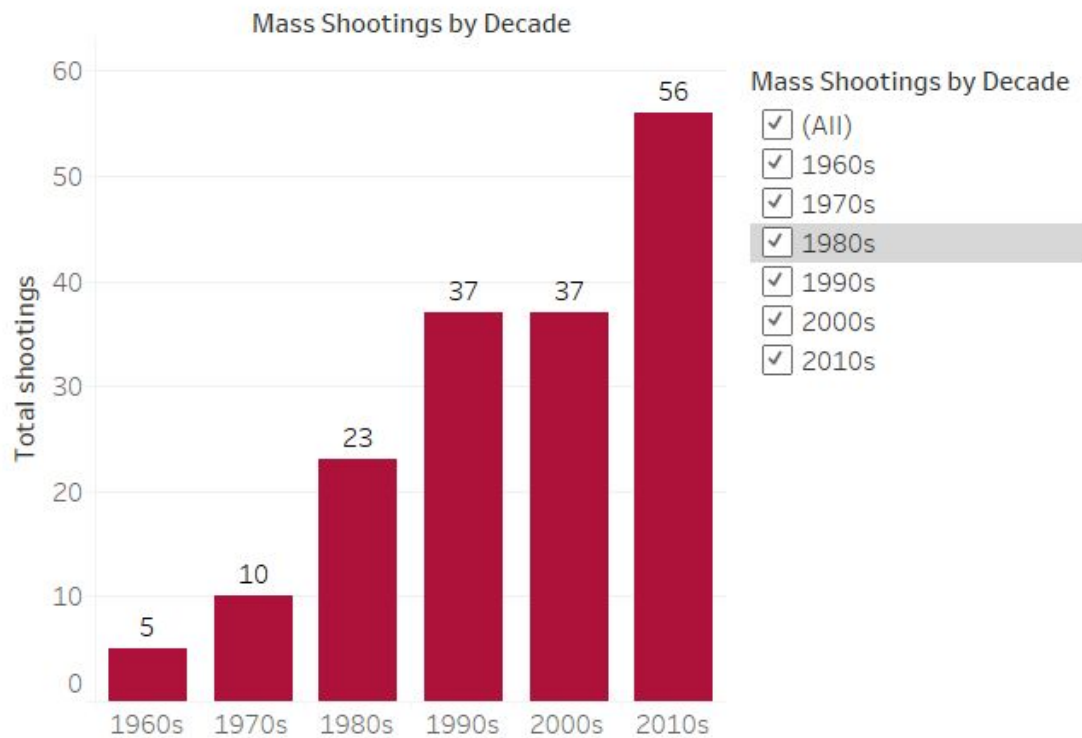


December

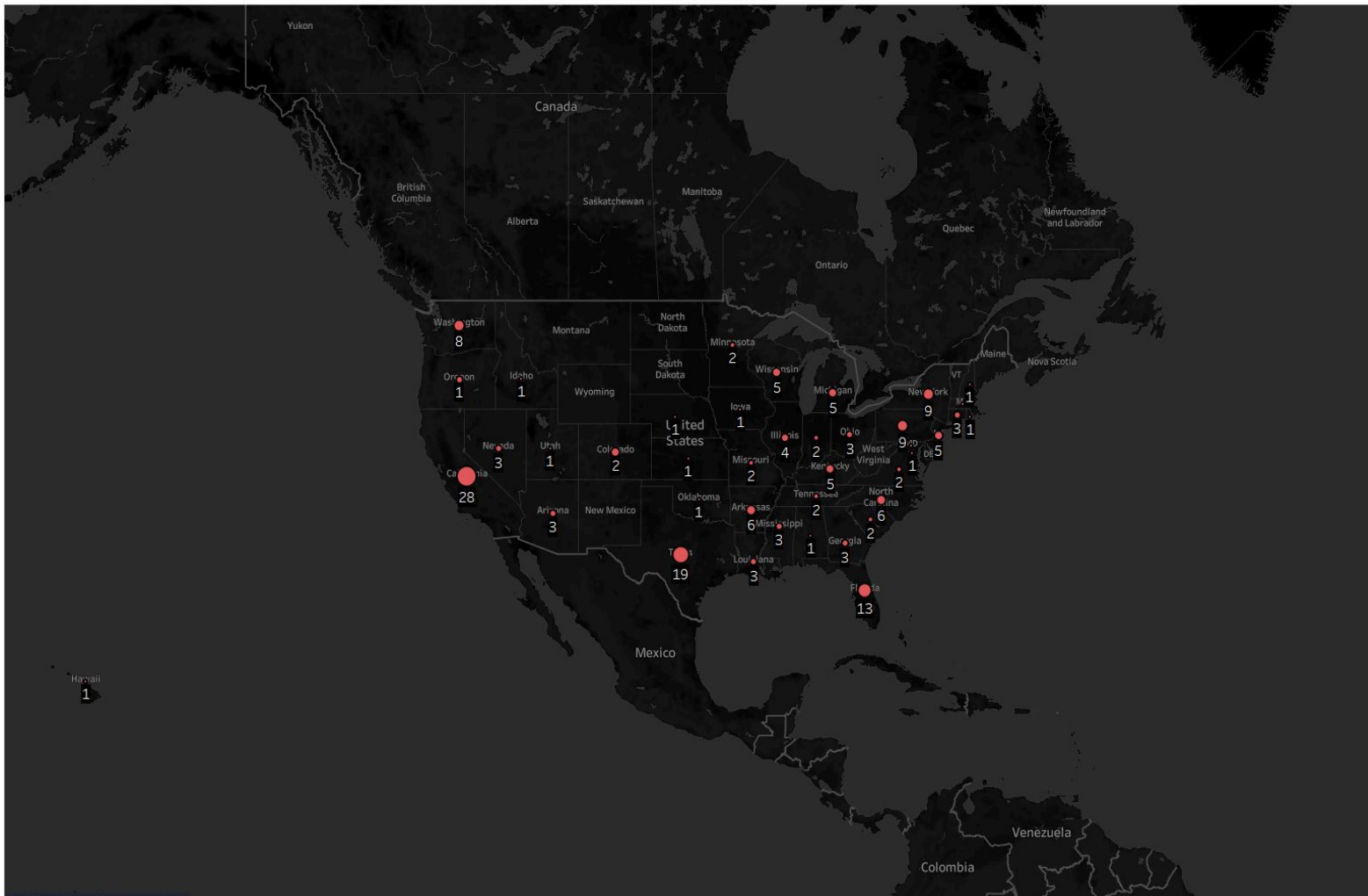




Mass Shootings over the decade



US Mass Shootings(1966-2021)

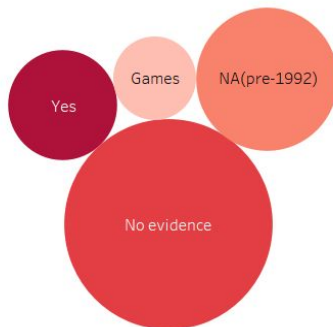


Year of Full Date

- ☐ (All)
 - ☐ Null
 - ☐ 1966
 - ☐ 1967
 - ☐ 1968
 - ☐ 1969
 - ☐ 1970
 - ☐ 1971
 - ☐ 1973
 - ☒ 1975
 - ☐ 1976
 - ☐ 1977
 - ☐ 1978
 - ☐ 1980
 - ☐ 1981
 - ☐ 1982
 - ☐ 1983
 - ☐ 1984
 - ☐ 1985
 - ☐ 1986
 - ☐ 1987
 - ☐ 1988
 - ☐ 1989
 - ☐ 1990
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 - ☐ 1993
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 - ☐ 2001
 - ☐ 2002
 - ☐ 2003
 - ☐ 2004
 - ☐ 2005
 - ☐ 2006
 - ☐ 2007
 - ☐ 2008
 - ☐ 2009

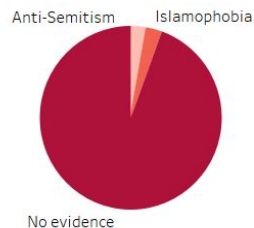
- Gaming filters
- ☒ (All)
 - ☒ Games
 - ☒ NA(pre-1992)
 - ☒ No evidence
 - ☒ Yes

Were the shooters actively playing graphic first person shooter games?



- Gaming Labels
- Games
 - NA(pre-1992)
 - No evidence
 - Yes

Religious Hate Data



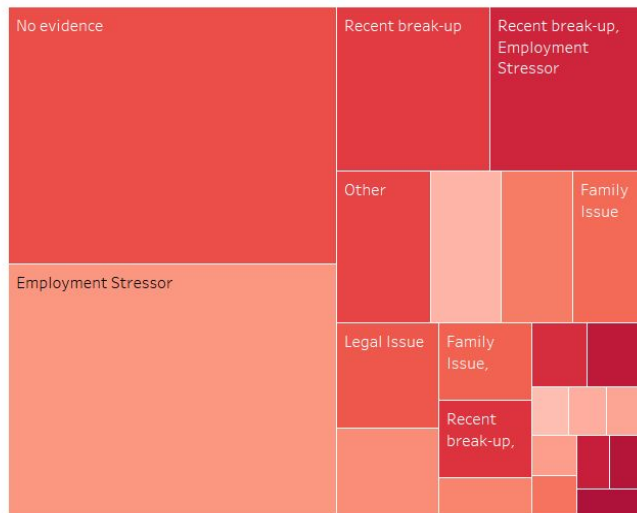
- Religious Hate Labels
- Anti-Semitism
 - Islamophobia
 - No evidence

Did the mass-shooters have any history of mental health issues?

- Mental Disorder Labels
- Indication of psychiatric disco..
 - Mood disorder
 - Mood disorder, Thought Disor..
 - No evidence
 - Other psychiatric disorder
 - Thought Disorder



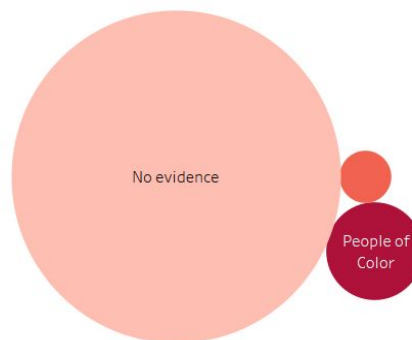
Were there external factors/stressors that were affecting the mental being of shooters?



Stressor Row Labels

- (blank)
- Economic Stressor
- Economic Stressor, Family Issue
- Economic Stressor, Legal Issue
- Economic Stressor, Legal Issue, Other
- Employment Stressor
- Employment Stressor, Economic Stressor
- Employment Stressor, Family Issue
- Employment Stressor, Legal Issue
- Employment Stressor, Other
- Family Issue
- Family Issue, Legal Issue
- Legal Issue
- No evidence
- Other
- Recent break-up
- Recent break-up, Economic Stressor
- Recent break-up, Economic Stressor, Legal I..
- Recent break-up, Employment Stressor
- Recent break-up, Employment Stressor, Eco..
- Recent break-up, Employment Stressor, Fa..
- Recent break-up, Employment Stressor, Leg..
- Recent break-up, Legal Issue

Did mass-shooters have racist/xenophobic sentiments?



Racism Filters

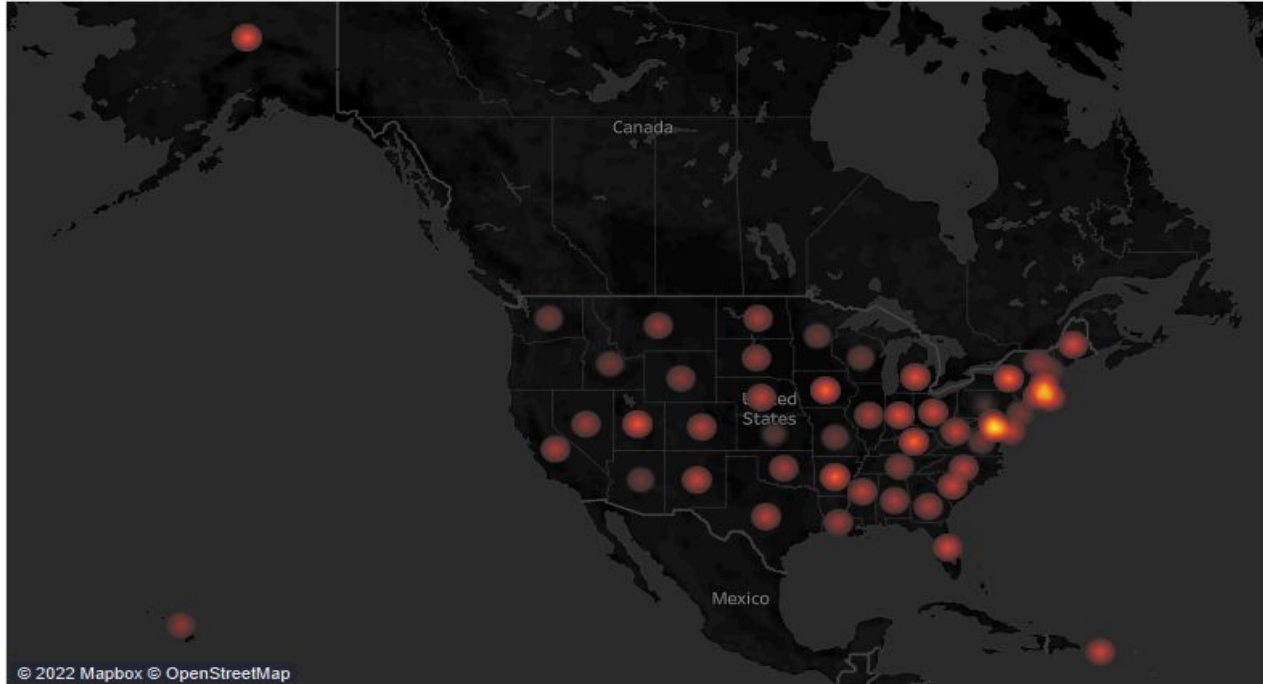
- ☒ (All)
- ☒ No evidence
- ☒ People
- ☒ People of Color

Racism Labels

- No evidence
- People
- People of Color

Map of the recorded cases of child abuse in 2010

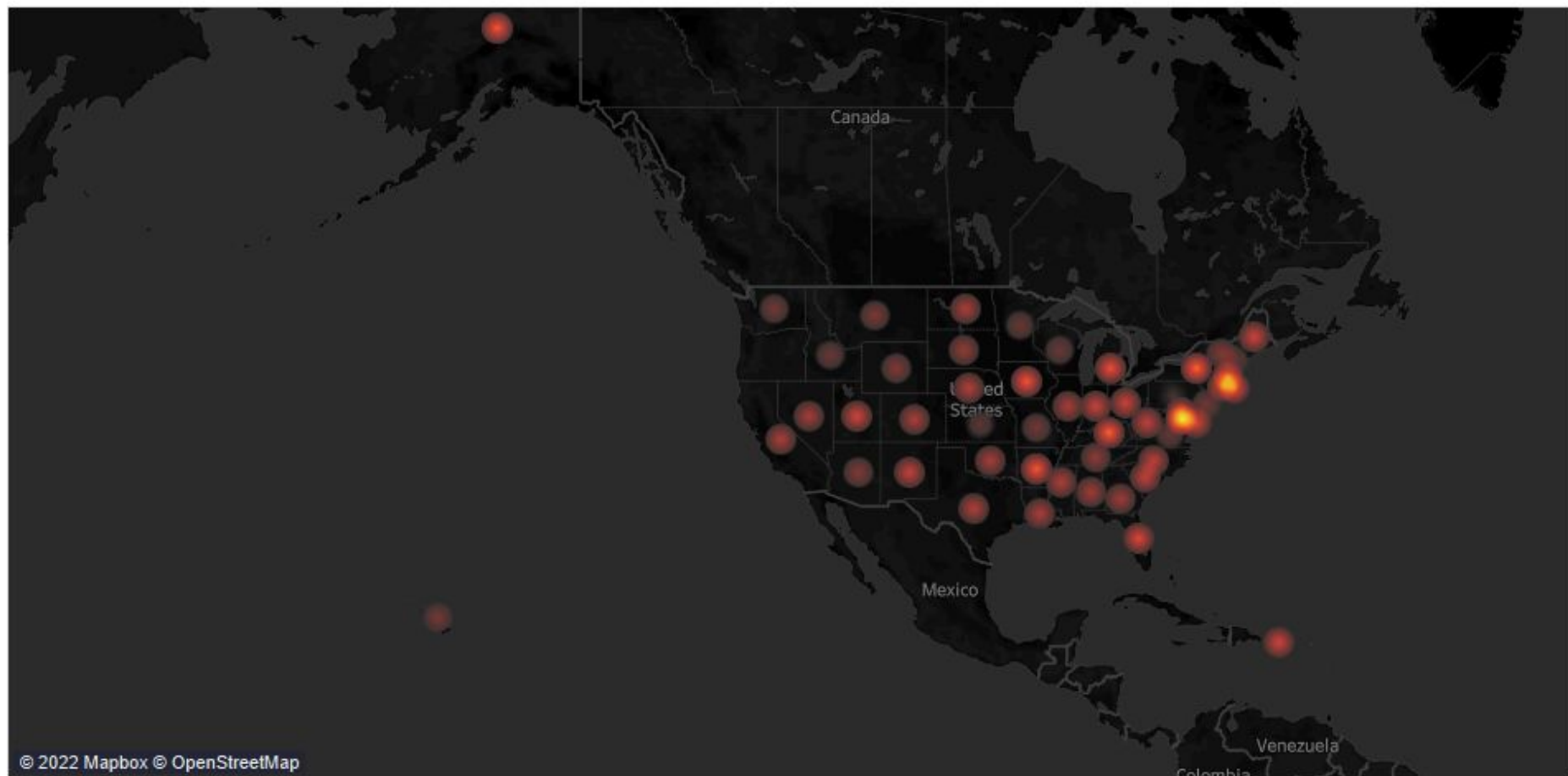
Map of the frequency of recoded child abuse in the USA (2010)



Using intensity gradient, with yellow the highest and red lowest, the map displays the child abuse rate (how many recorded cases in 1000 children) per state. One can modify the filter such that it displays all or just some of the states.

Map based on Longitude (generated) and Latitude (generated). Color shows details about Victim rate (unique). Details are shown for State. The view is filtered on State and Longitude (generated). The State filter excludes Null, Rate, State, States Reporting and Total. The Longitude (generated) filter keeps non-Null values only.

Map2011victims

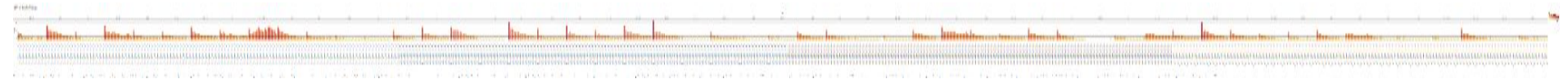


Map based on Longitude (generated) and Latitude (generated). Color shows details about Victim rate 2011 (unique). Details are shown for States. The view is filtered on States, which keeps 58 of 58 members.

Victim rate per age groups in 2010 and 2011

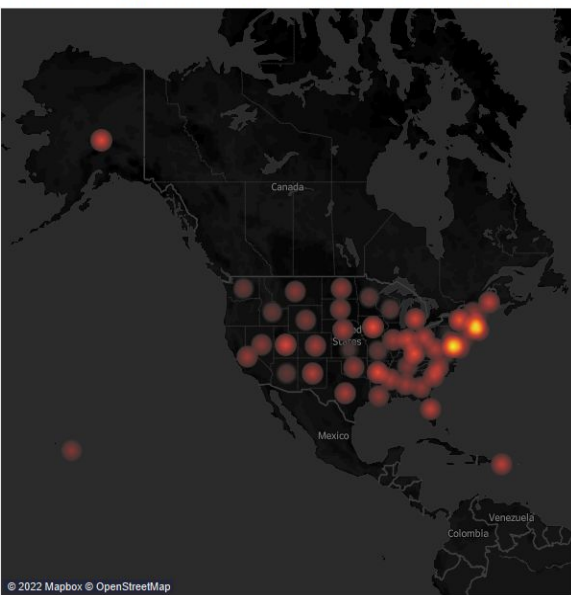


Victim rate per age groups, from less than 1yo to more 18-21yo for 2010.



Victim rate per age groups, from less than 1yo to more 18-21yo for 2010.

Map of the frequency of recoded child abuse in the USA (2010)



States

- Null
- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- District of Columbia
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland

States colour legend

- | | | | |
|----------------|-----------|-------------|-------------|
| Alabama | Georgia | Maryland | New Mexico |
| Alaska | Hawaii | Michigan | New York |
| Arizona | Idaho | Minnesota | North Carol |
| Arkansas | Illinois | Mississippi | North Dako |
| California | Indiana | Missouri | Ohio |
| Colorado | Iowa | Montana | Oklahoma |
| Connecticut | Kansas | Nebraska | Oregon |
| Delaware | Kentucky | Nevada | Pennsylvan |
| District of C. | Louisiana | New Hampsh. | Puerto Rico |
| Florida | Maine | New Jersey | Rhode Islan |

African-American victim rate, ...
All values

American indian/Alaska nativ..
0.037425150 to 48.4601769..

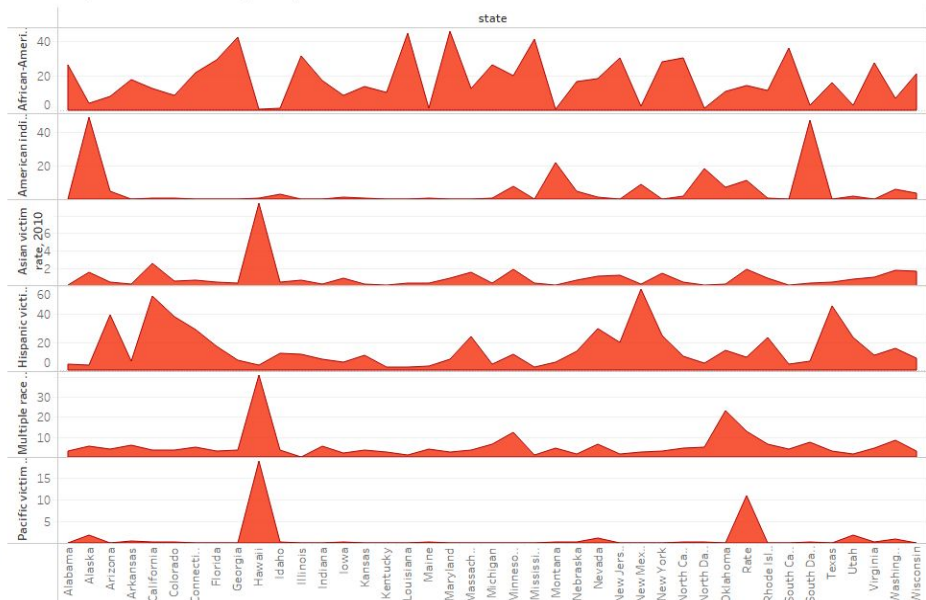
Asian victim rate, 2010
0.072306580 to 9.403669725

Hispanic victim rate, 2010
1.977468840 to 57.9044117..

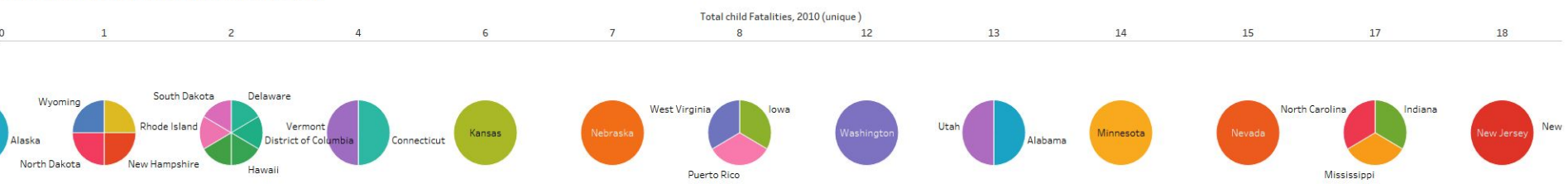
Multiple race victim rate, 2010
0.007563724 to 40.7110091..

Pacific victim rate, 2010
0.005872335 to 18.75

Ethnicity and child abuse (2010)



Fatalities resulted from child abuse (2010)

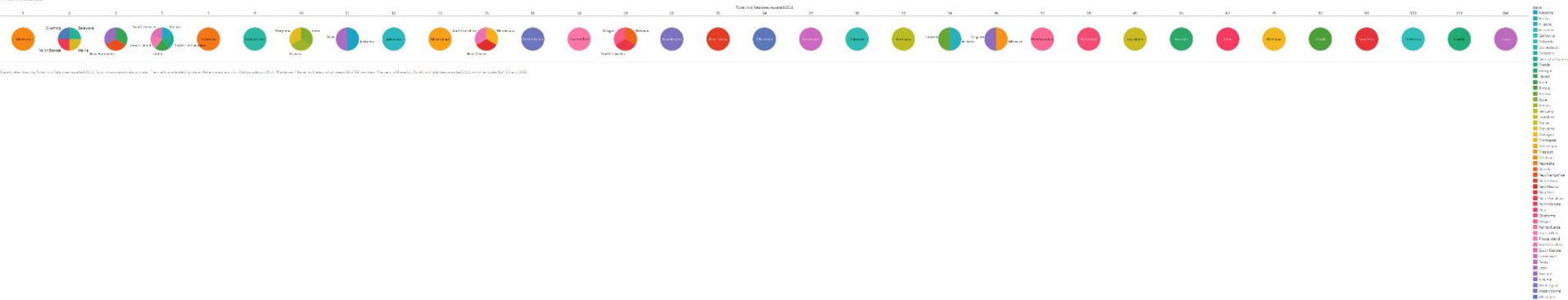


Fatalities resulted from child abuse in 2010 and 2011

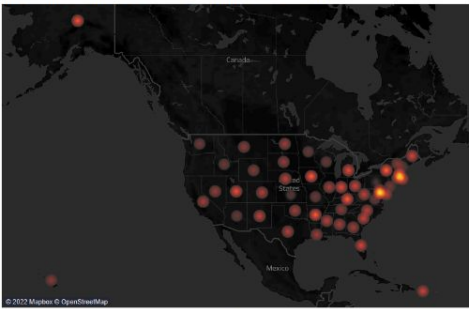
Fatalities resulted from child abuse (2010)



Received: 2021



Map of the frequency of recorded child abuse in the USA (2010)



- States
- Null
 - Alabama
 - Alaska
 - Arizona
 - Arkansas
 - California
 - Colorado
 - Connecticut
 - Delaware
 - District of Columbia
 - Florida
 - Georgia
 - Hawaii
 - Idaho
 - Illinois
 - Indiana
 - Iowa
 - Kansas
 - Kentucky
 - Louisiana
 - Maine
 - Massachusetts
 - Michigan
 - Minnesota
 - Mississippi



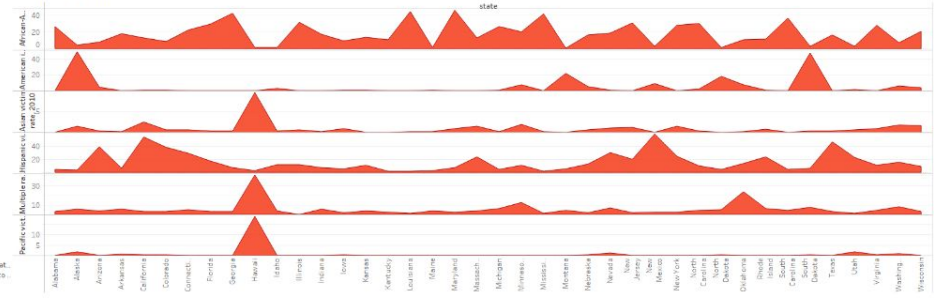
Child abuse in the USA in 2010

Child abuse is a serious societal issue that affects our children. Unfortunately, little awareness exists regarding this topic. Across the USA, children of all ages are victims. In this interactive visualization the user can change parameters (state, age group, ethnicity) to gain a better understanding of the problem.

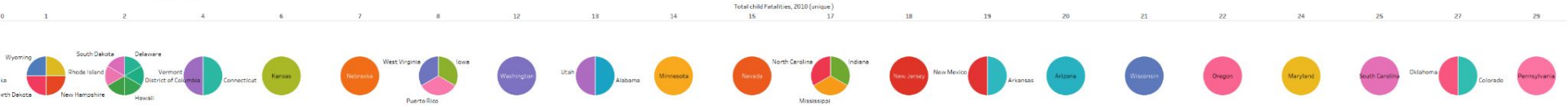
- States colour legend
- | | | | | | |
|----------------|----------|---------------|----------------|----------------|---------------|
| Alabama | Florida | Louisiana | Nevada | Oregon | Vermont |
| Alaska | Georgia | Maine | New Hampshire | Pennsylvania | Virginia |
| Arizona | Hawaii | Massachusetts | New Jersey | Puerto Rico | Washington |
| Arkansas | Idaho | Michigan | New Mexico | Rhode Island | West Virginia |
| California | Illinois | Minnesota | New York | South Carolina | Wisconsin |
| Colorado | Indiana | Mississippi | North Carolina | South Dakota | Wyoming |
| Connecticut | Iowa | Missouri | Ohio | Tennessee | |
| Delaware | Kansas | Nebraska | Oklahoma | Utah | |
| District of C. | Kentucky | | | | |

African American: 0.00745335 to 0.07730585 to 0.19746864 to 0.607560724 to 0.90872385 to 1

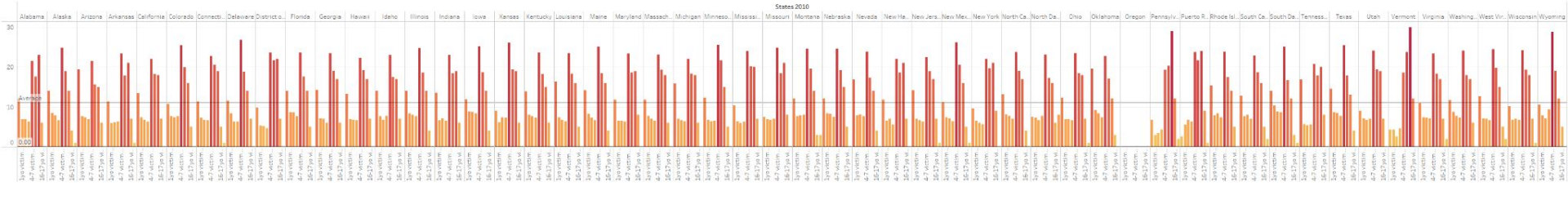
Ethnicity and child abuse (2010)



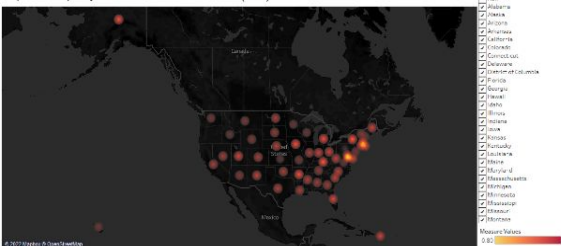
Fatalities resulted from child abuse (2010)



Victim rate per age group (2010)



Map of the frequency of recorded child abuse in the USA (2011)

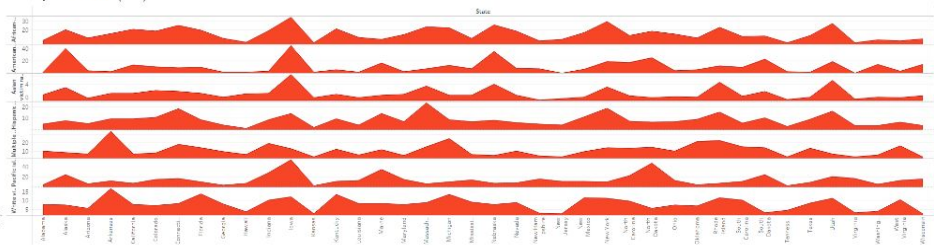


Child abuse in the USA in 2011

Child abuse is a serious societal issue that affects our children. Unfortunately, little awareness exists regarding this topic. Across the USA, children of all ages are victims; in this interactive visualization the user can change parameters (state, age-group, ethnicity) to gain a better understanding of the problem.



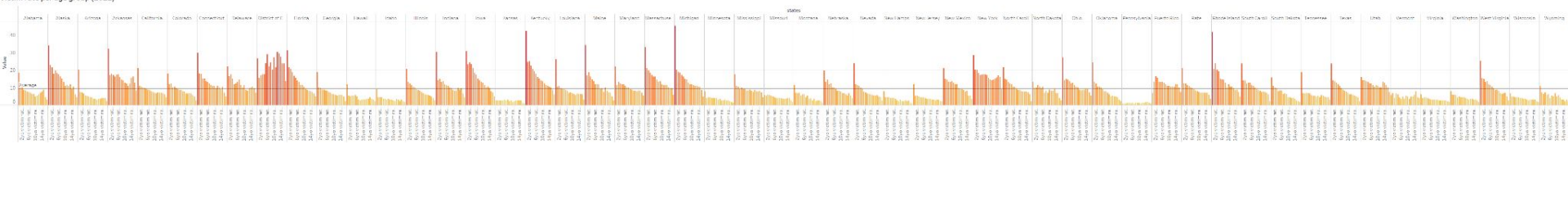
Ethnicity and child abuse (2011)



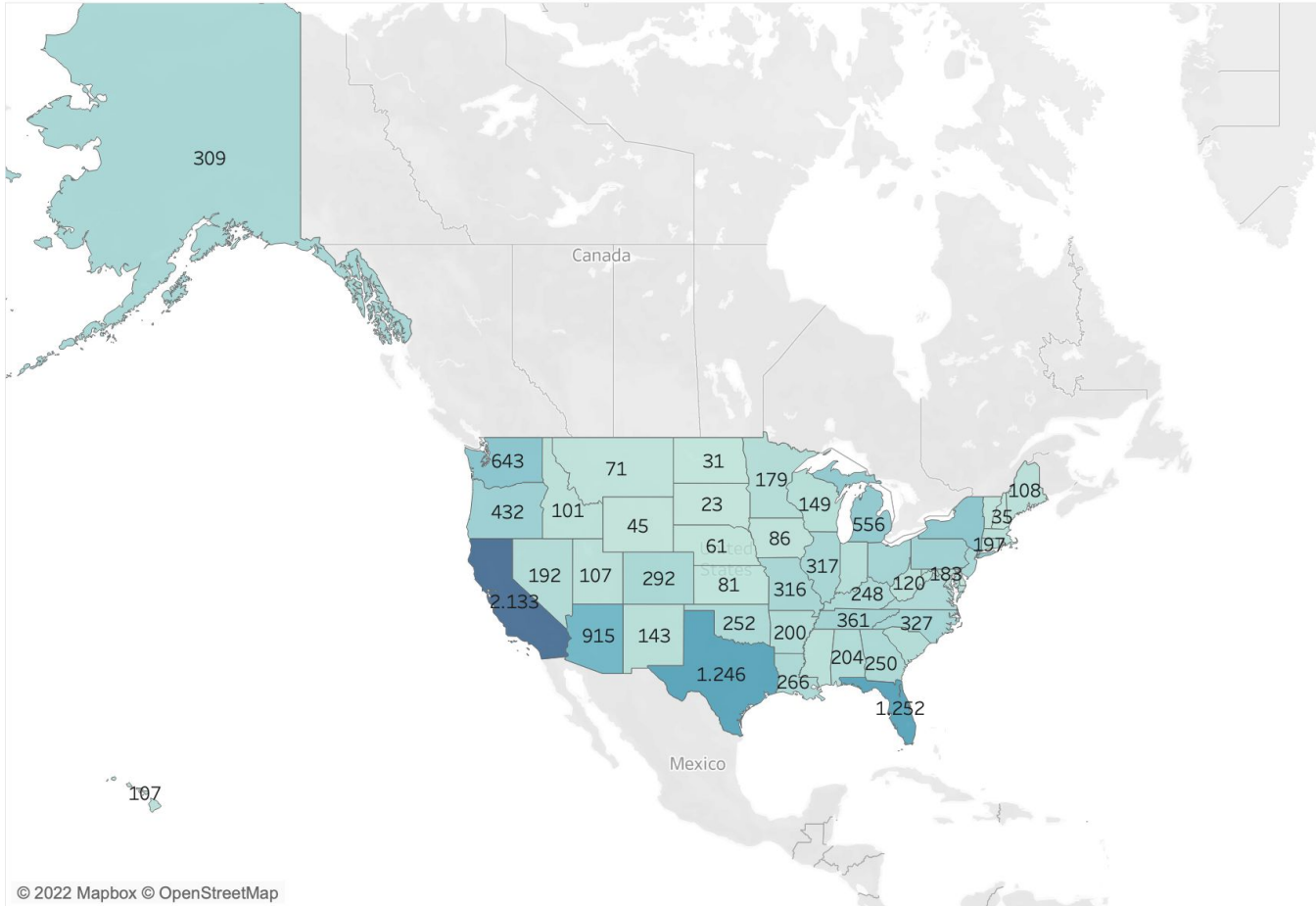
Fatalities resulted from child abuse (2011)



Victim rate per age group (2011)



Missing Persons by State 2022



Total Missing
20 2,133

In absolute terms, California has the largest number of missing persons at 2,133, while tiny Rhode Island has the smallest number of missing persons, at 20.

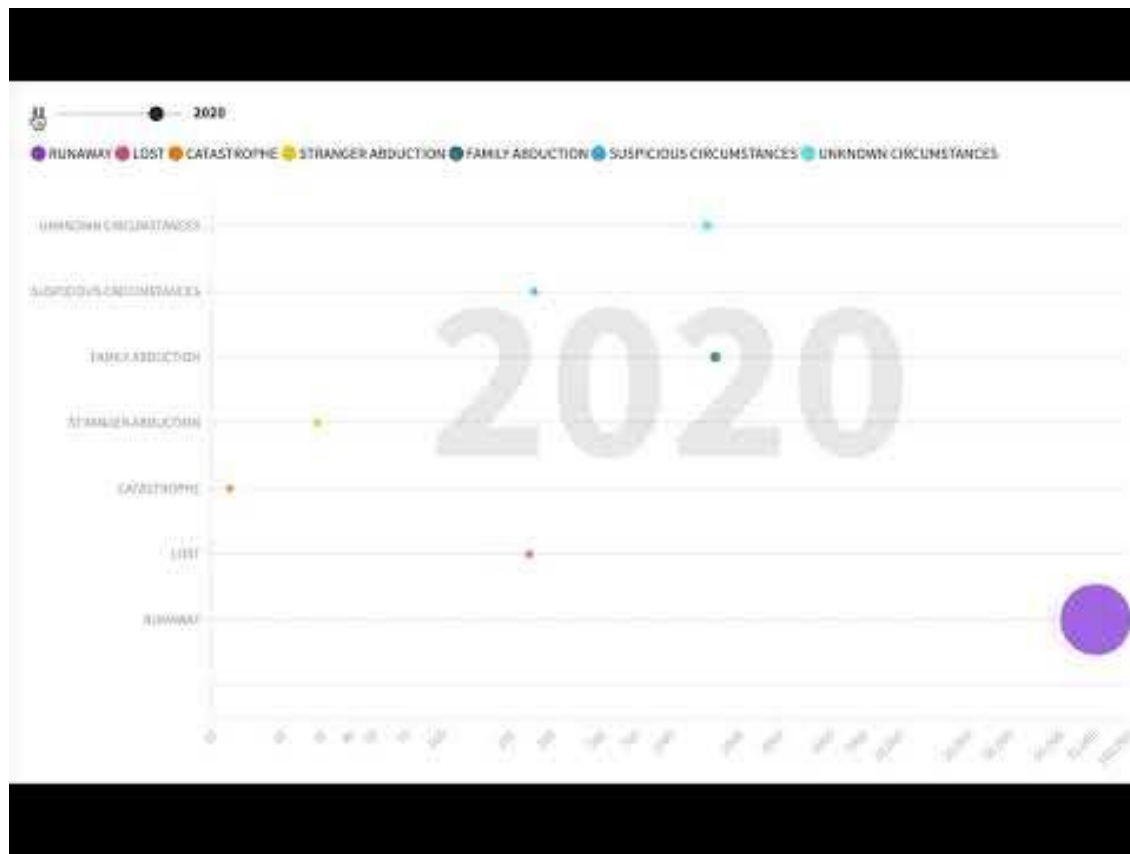
Here are the 10 states with the most missing persons:

1. California (2,133)
2. Florida (1,252)
3. Texas (1,246)
4. Arizona (915)
5. Washington (643)
6. New York (606)
7. Michigan (556)
8. Oregon (432)
9. Pennsylvania (401)
10. Tennessee (361)

© 2022 Mapbox © OpenStreetMap

Map based on Longitude (generated) and Latitude (generated). Color shows sum of Total Missing. The marks are labeled by sum of Total Missing. Details are shown for State.

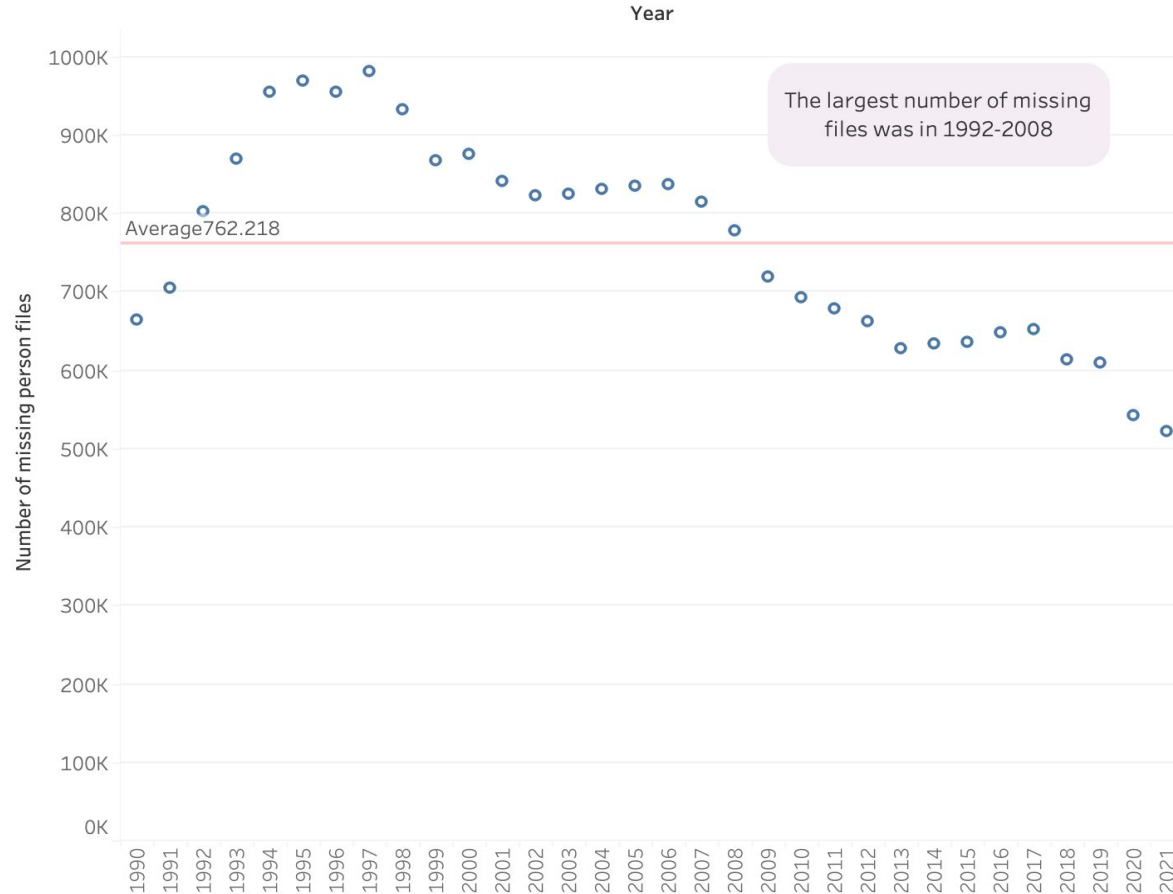
Reports of missing children in California in 2017-2021 according to annual report of 2021



The visualization shows that the most common missing children cases are runaways, with the number decreasing every year.

The number of children disappeared under unknown circumstances got smaller throughout the years.

Missing person files in the U.S. from 1990 to 2021



In 2021, the number of missing person files in the United States decreased when compared to the previous year, with 521,705 cases. This is the lowest number of missing person files in the U.S. since 1990.