

# US Traffic Accident

Team Name: Survivors

Team Members:

Yixiang Cao <yixiangc@usc.edu>

Qianqian Tang <tangq@usc.edu>

Haonan Xu <haonanxu@usc.edu>

< US\_Accidents\_June20.csv (1.24 GB)

Charles McManus, Nathan Williams, Matthew Campbell, Christopher R. Boudreau, Paul T. Pomeroy, and Paul R. Pomeroy  
 including link ranker toggle.

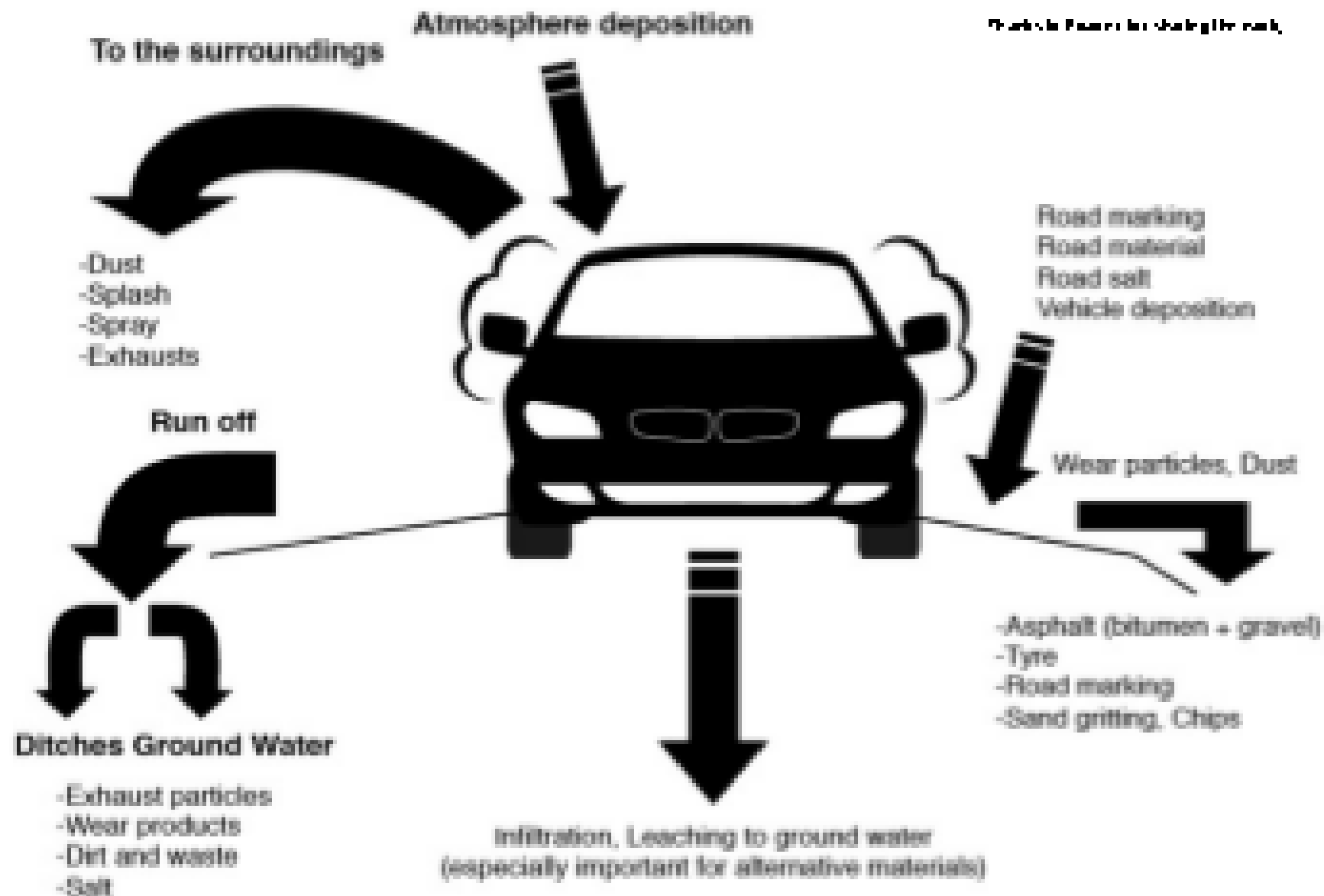
Detail Compact Column

10 of 48 columns

### About this file

This file contains details of 3.5 million traffic accidents that took place in the United States, from February 2016 to June 2020.

ID	Source	TMC	Severity	Start_Time	End_Time	Start_Lat	Start_Lon
This is a unique identifier of the accident record.	Indicates source of the accident report (i.e. the API who reported the accident).	A traffic accident may have a Traffic Message Channel (TMC) code which provides more detailed description of the	Shows the severity of the accident, a number between 1 and 4, where 1 indicates the least impact on traffic (i.e., short delay	Shows start time of the accident in local time zone.	Shows end time of the accident in local time zone. End time here refers to when the impact of accident on traffic flow	Shows latitude in GPS coordinate of the start point.	Shows lon coordinate point.
3513637 unique values	MapQuest Bing Other (54112)						
0-1	MapQuest	300, 0	0	2016-02-08 05:46:00	2016-02-08 11:00:00	39.565147	-84.95307
0-3	MapQuest	300, 0	1	2016-02-08 06:27:00	2016-02-08 06:27:00	39.438809	-83.82071
0-3	MapQuest	300, 0	1	2016-02-08 06:49:27	2016-02-08 07:19:27	39.560748	-84.90929
0-4	MapQuest	300, 0	0	2016-02-08 07:03:04	2016-02-08 07:03:04	39.347750	-84.28950
0-5	MapQuest	300, 0	1	2016-02-08 07:29:07	2016-02-08 08:09:07	39.437781	-84.18803
0-6	MapQuest	300, 0	0	2016-02-08 07:44:25	2016-02-08 08:14:25	40.10050	-83.92507
0-7	MapQuest	300, 0	0	2016-02-08 07:55:05	2016-02-08 08:05:05	39.356074	-84.20880
0-8	MapQuest	300, 0	1	2016-02-08 07:59:00	2016-02-08 08:29:00	39.770080	-84.19400
0-9	MapQuest	300, 0	1	2016-02-08 08:00:40	2016-02-08 08:30:40	39.770081	-84.17520
0-10	MapQuest	300, 0	0	2016-02-08 08:10:00	2016-02-08 08:40:00	40.10050	-83.92507
0-11	MapQuest	300, 0	1	2016-02-08 08:14:02	2016-02-08 08:44:02	39.932072	-83.77707



Thanks to rapid and accurate data, the risk,

# Accident Alert



## US\_Accidents\_June20.csv (1.24 GB)

Thanks to Moosavi, Solihun, Mohammad Hossein Sami, Srinivasan Parthasarathy, Radu Teodorescu, and Rajiv for sharing their work on Kaggle.

☒ Select all 49 of 49 selected

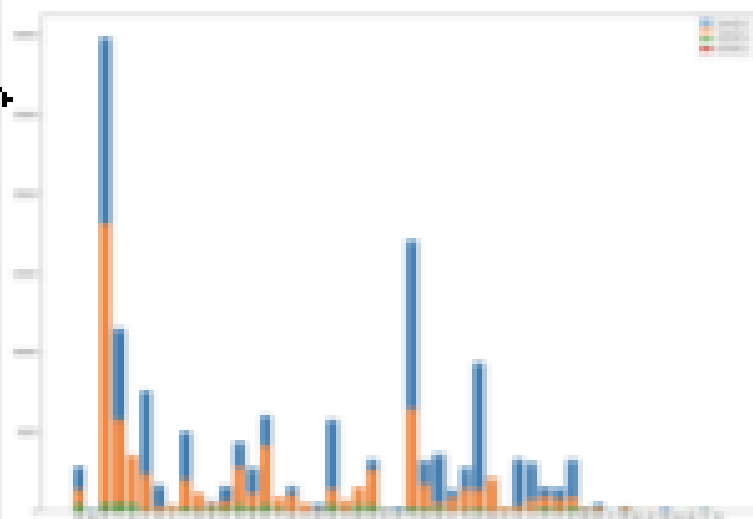
☒ ID

☒ Source

☒ TMC

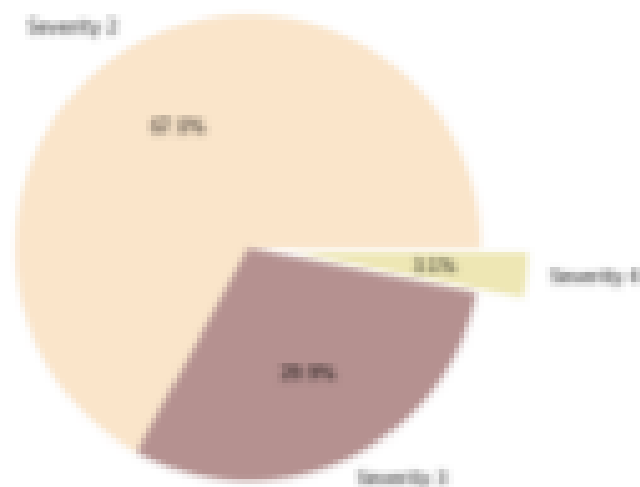
☒ Severity

How many times have you been involved in a car accident?

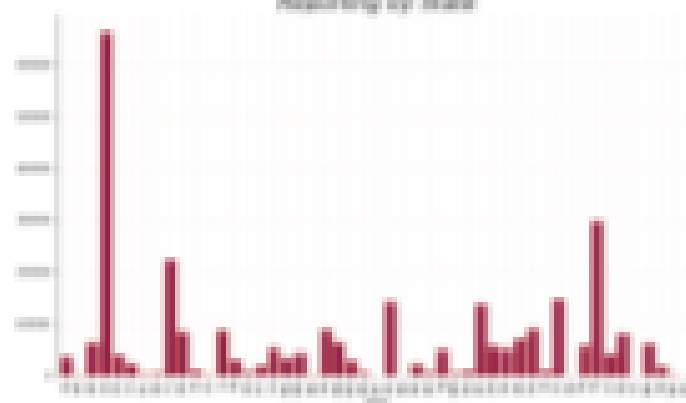


## Types of Severity

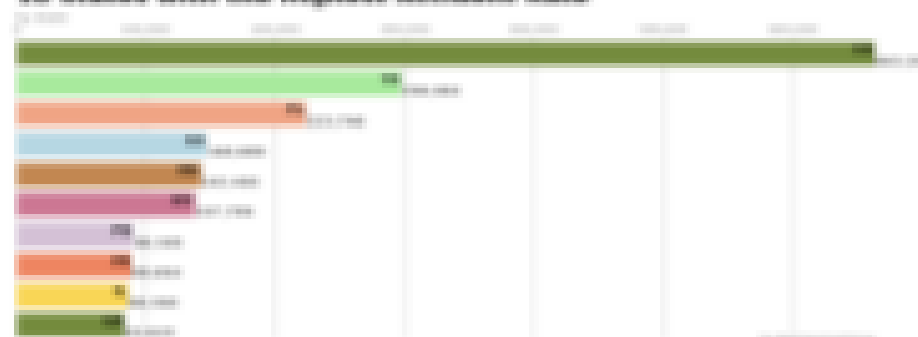
What is the most common type of accident?



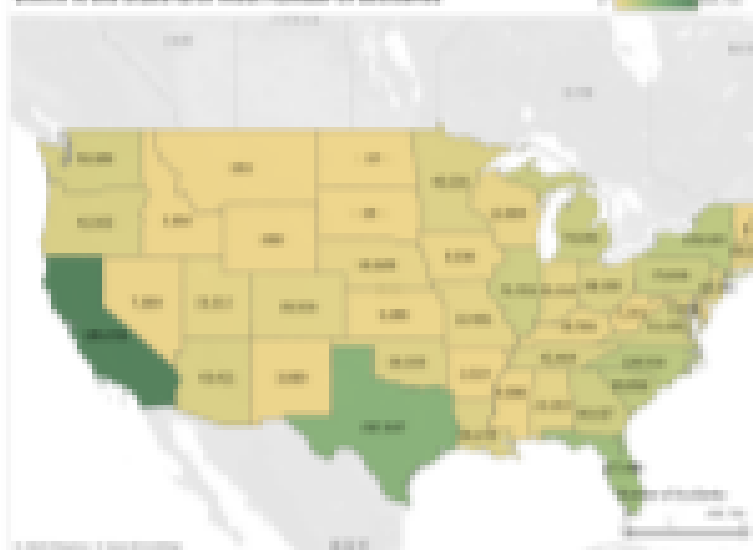
## Reporting by State



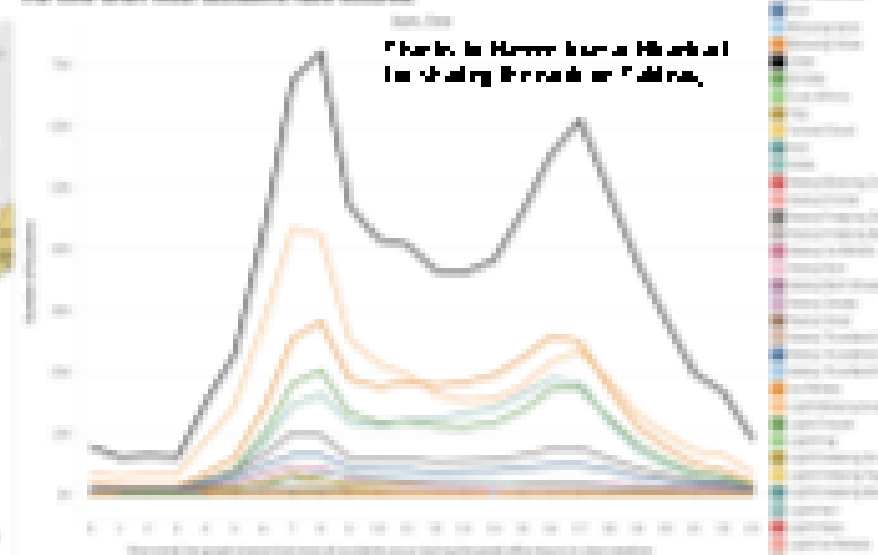
## 10 States with the Highest Accident Rate



Which is the State with most number of accidents



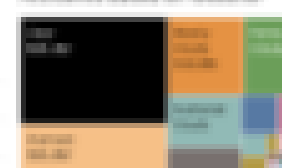
The time when most accidents have occurred



Accidents On Different Roads



Accidents based on weather



Trend in Severity on Road



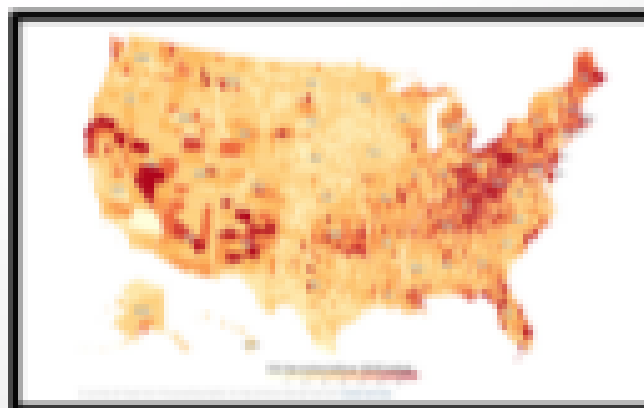
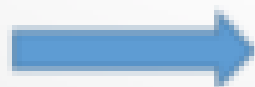
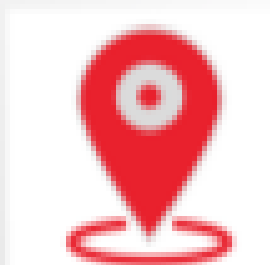
Trend





Thank You! Please Challenge Us to bring the next in MyCloud to you.





Thanks to a fly, we're sharing the road.

