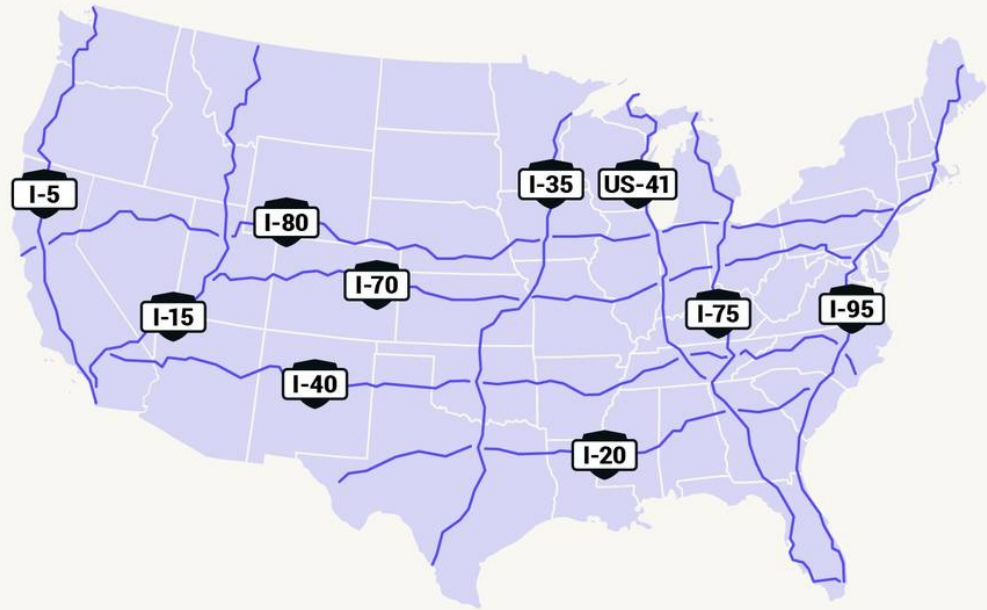


## The 10 most dangerous roads in America

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Which was the most dangerous road in the U.S., in terms of fatalities per 100 miles, in 2019?

- A. I-5
- B. I-20
- C. I-95

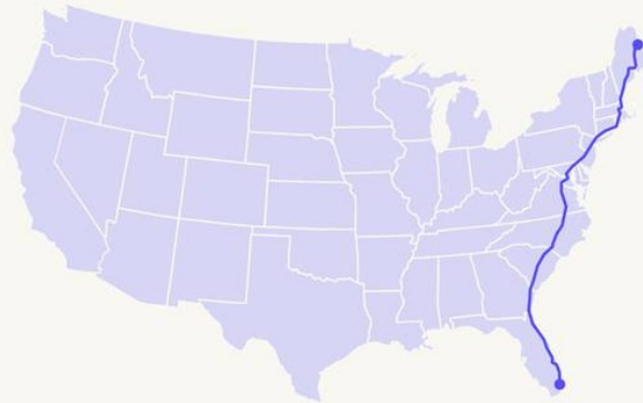


Source: <https://www.thezebra.com/resources/driving/most-dangerous-roads-in-the-us/>

# #1 Most dangerous highway

## I-95

I-95 led the nation in **most fatal accidents** in 2019.



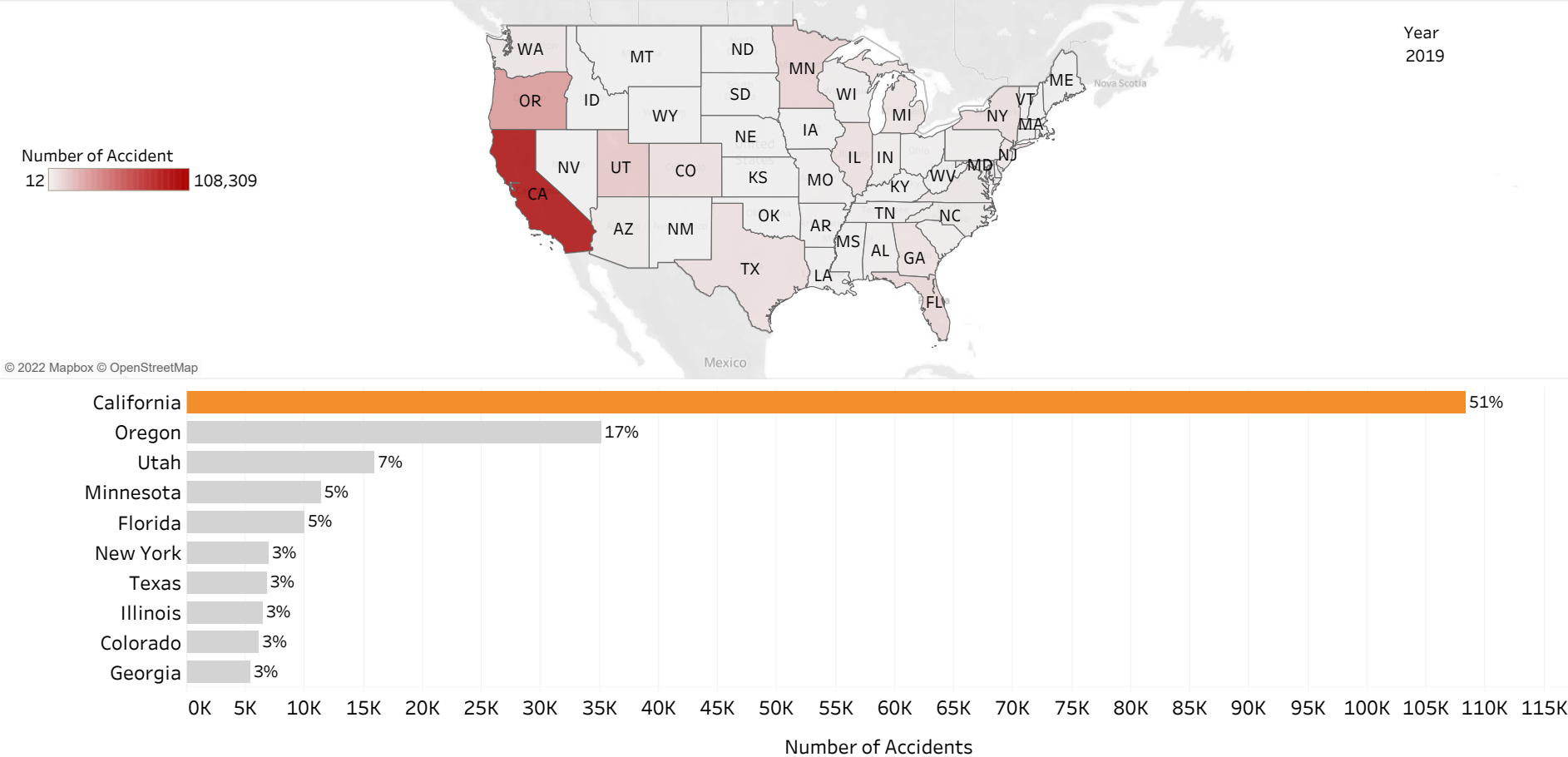
### Major cities along I-95:

Boston, MA; New York, NY;  
Baltimore, MD; Jacksonville, FL;  
Miami, FL

### 2019 Statistics:

- 284 fatalities
- 14.88 fatalities per 100 miles

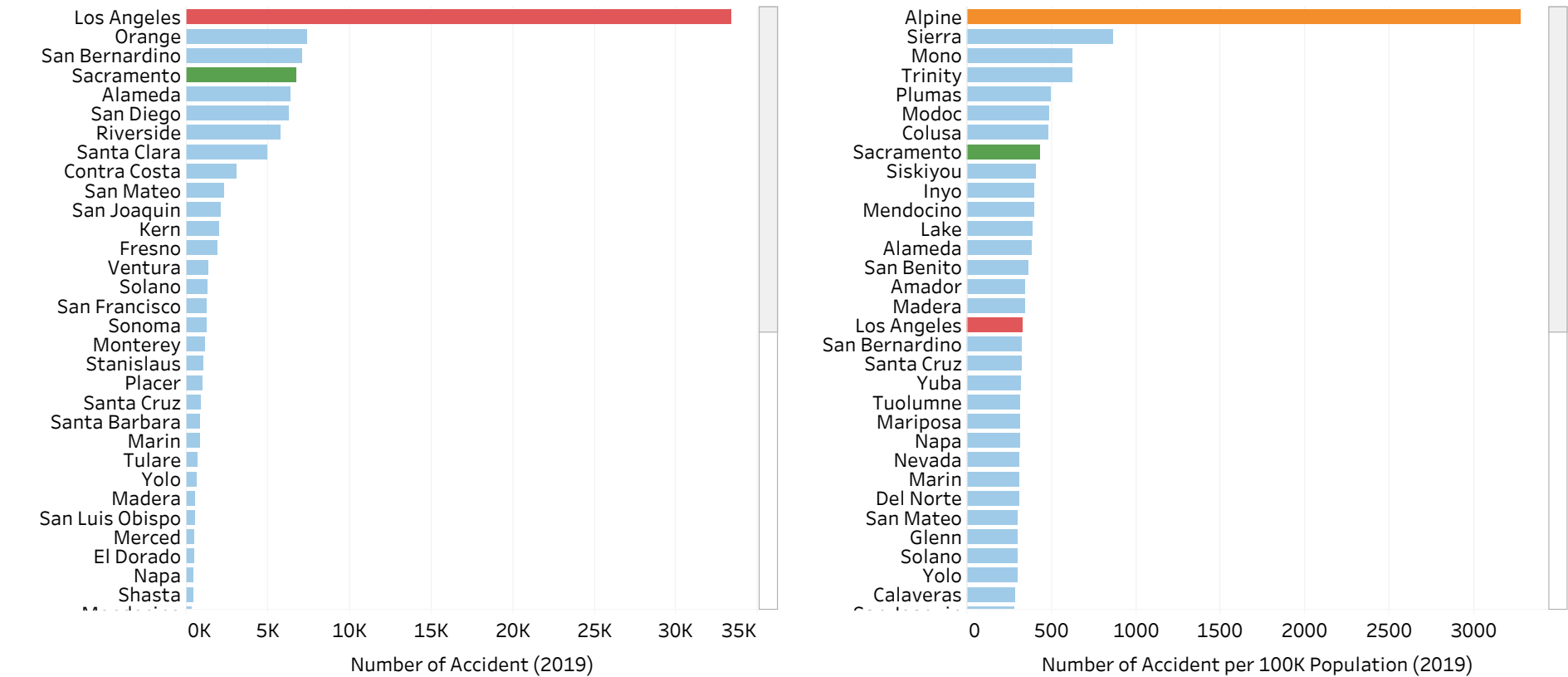
Our dataset shows **California** had highest number of accident in 2019



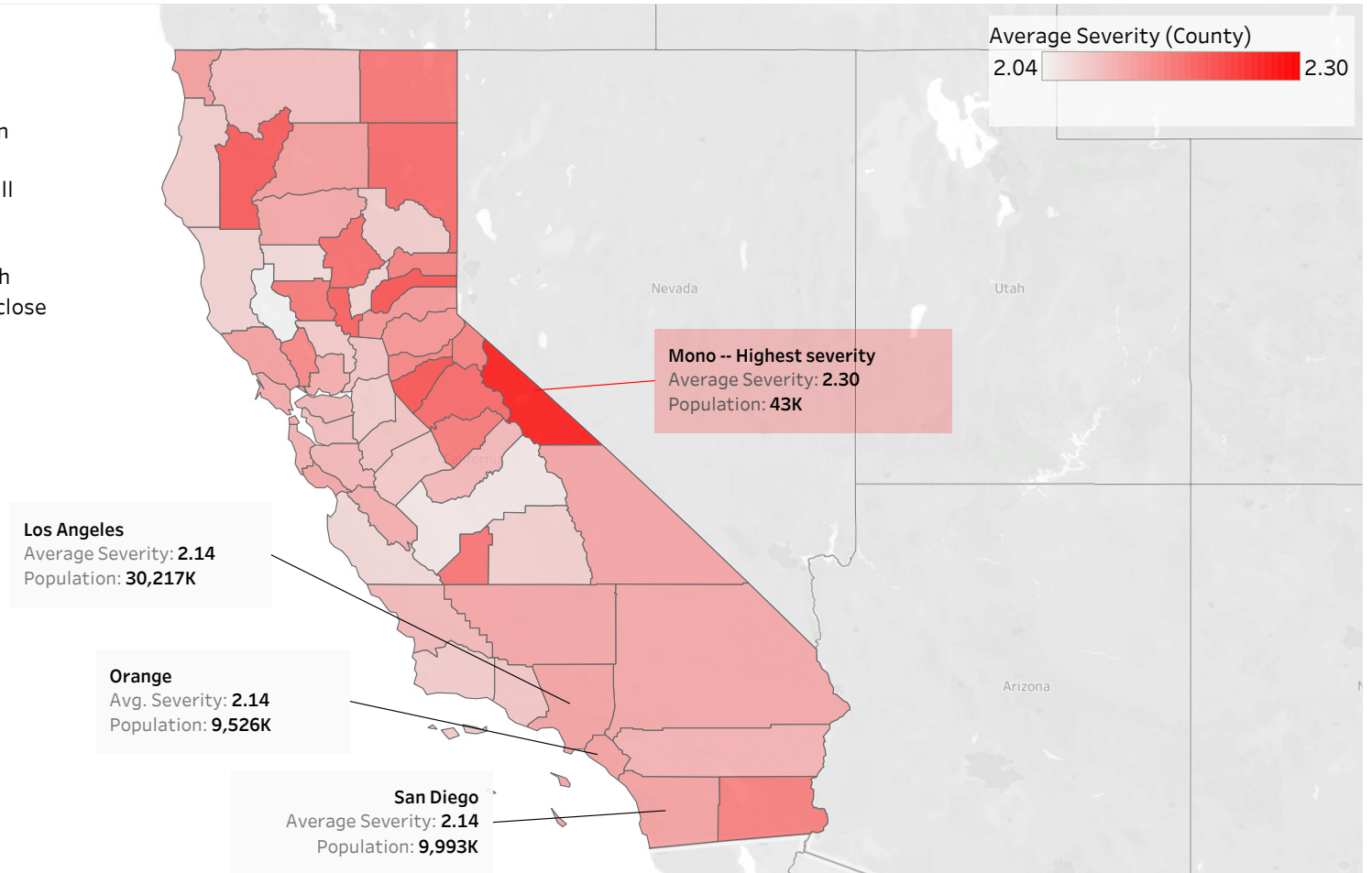
How do you determine "dangerous"?

L.A. had the highest frequency of accident given the number of accident. But in terms of number of accident per 100,000 population, it ranked 17th.

Alpine had the highest accident per capita but one of the lowest accident counts.

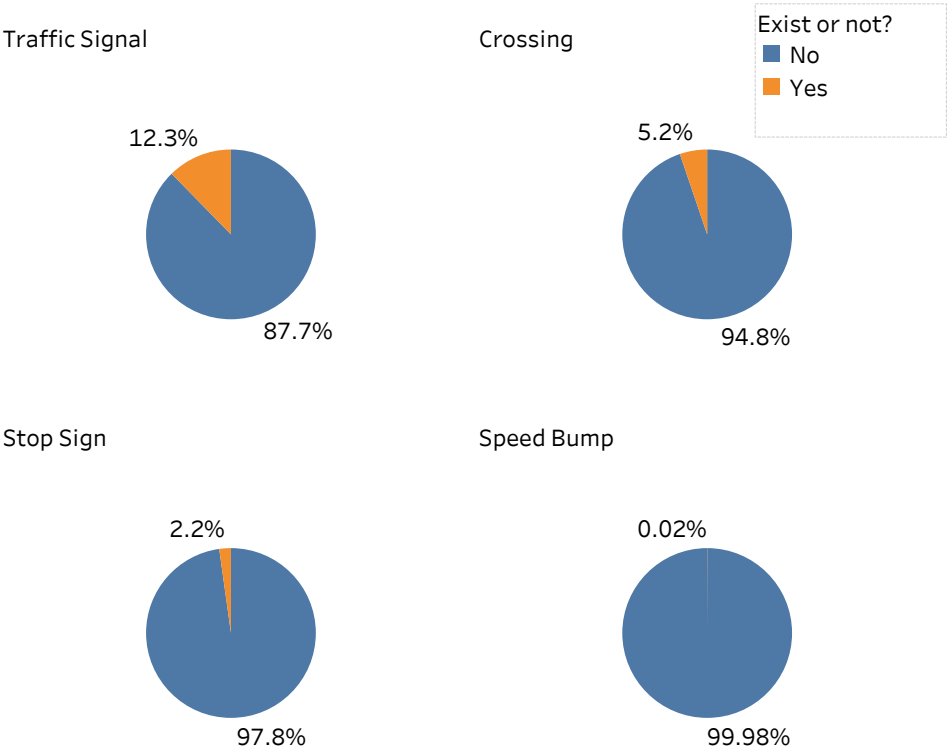
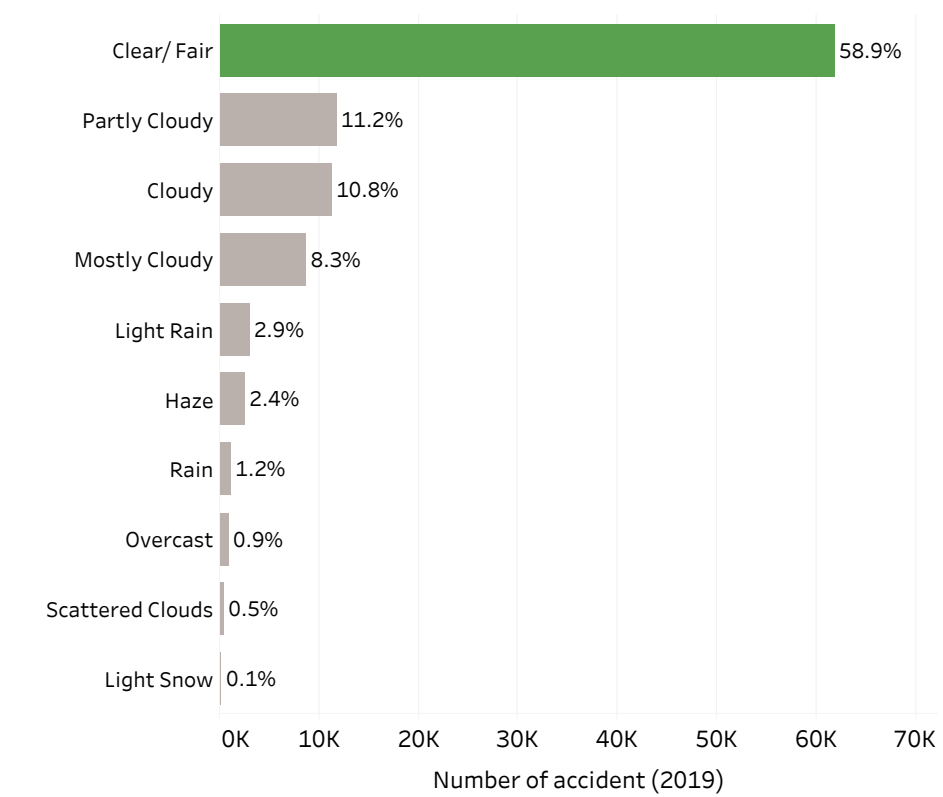


Average severity of the state in 2019: 2.13.  
On average, accidents across all counties in California were **not severe**.  
Interestingly, the counties with higher accident severity were close to the border with Nevada.

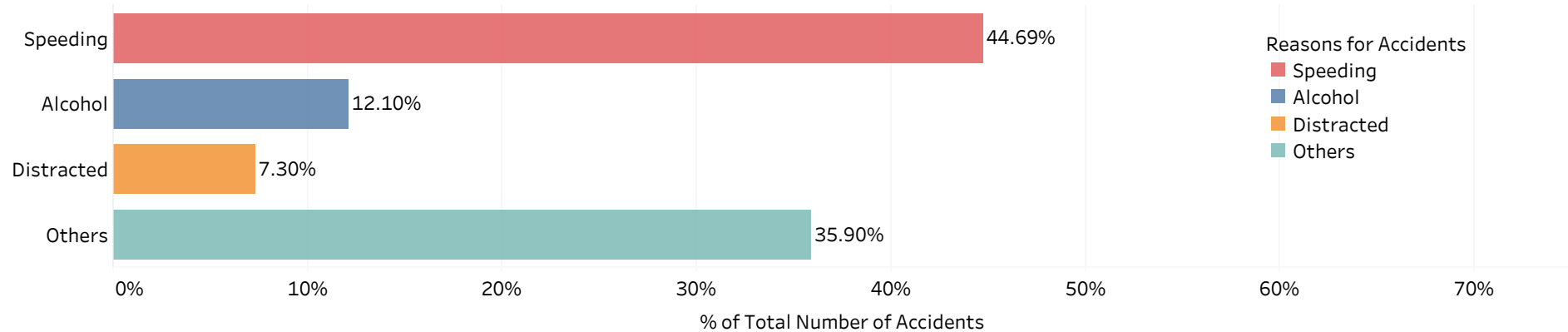


In 2019, more than 50% of accidents happened in **clear/fair** weather in California instead of severe weather conditions.

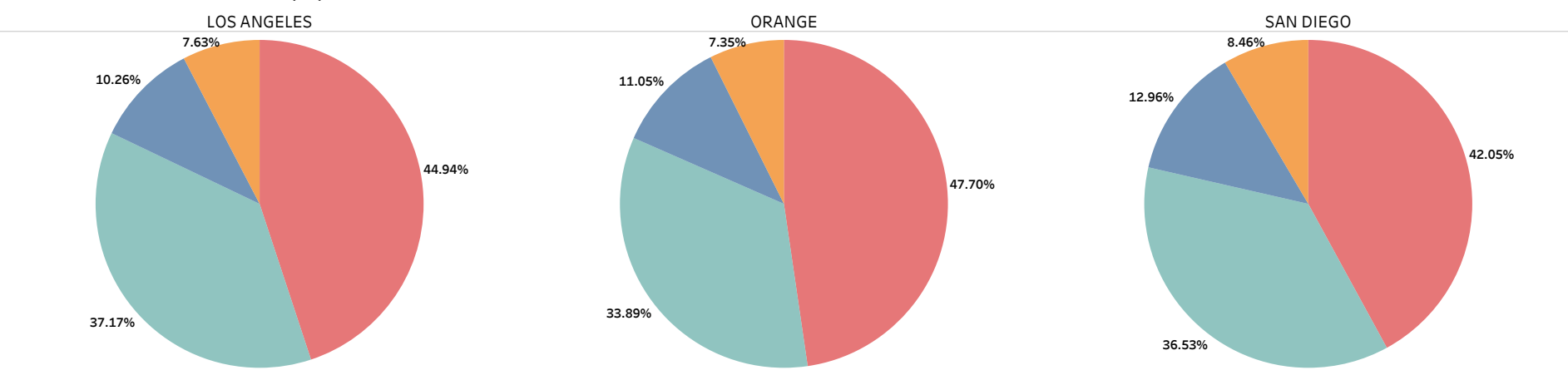
The **lack of traffic control elements** such as signals, stop signs, etc when an accident happened in the local streets may suggest the need to invest in traffic control to better direct traffic flow and avoid collisions.



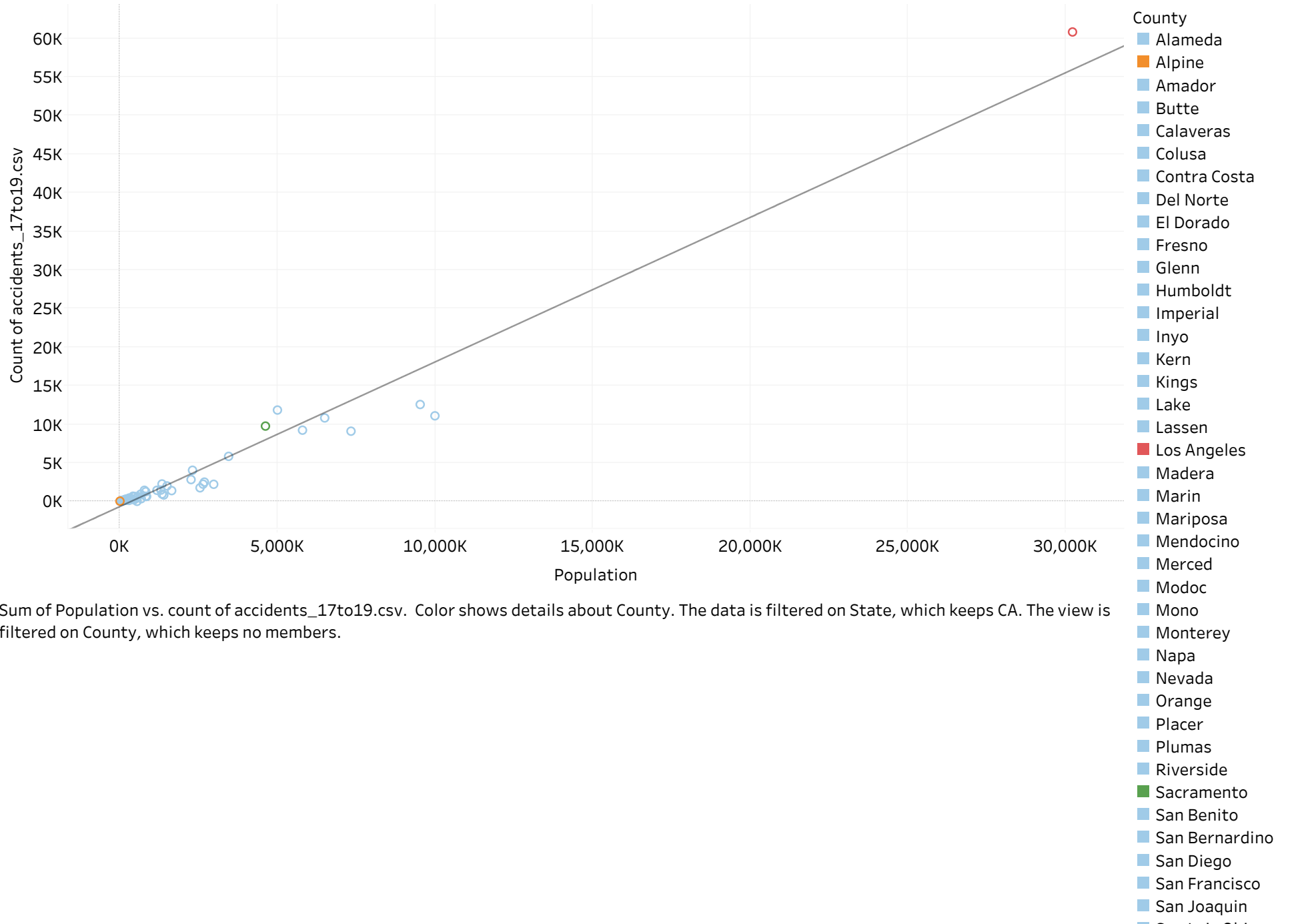
Throughout the state of California 'Speeding' is the prominent cause of accidents across all counties.



Distribution of accidents (%) among various reasons in LOS ANGELES, ORANGE, SAN DIEGO



Index-pop vs #acc



Sum of Population vs. count of accidents\_17to19.csv. Color shows details about County. The data is filtered on State, which keeps CA. The view is filtered on County, which keeps no members.



## Top 10 States with highest number of accident in

		% of Total Co..	Number of Ac..
Alabama	<b>AL</b>	0.45%	2,670
Arizona	<b>AZ</b>	1.66%	9,952
Arkansas	<b>AR</b>	0.22%	1,315
California	<b>CA</b>	29.97%	179,482
Colorado	<b>CO</b>	1.98%	11,875
Connecticut	<b>CT</b>	1.00%	5,962
Delaware	<b>DE</b>	0.16%	966
District of Colu..	<b>DC</b>	0.19%	1,133
Florida	<b>FL</b>	6.52%	39,066
Georgia	<b>GA</b>	2.83%	16,968
Idaho	<b>ID</b>	0.20%	1,191
Illinois	<b>IL</b>	4.03%	24,156
Indiana	<b>IN</b>	0.95%	5,673
Iowa	<b>IA</b>	0.29%	1,726
Kansas	<b>KS</b>	0.45%	2,681
Kentucky	<b>KY</b>	0.43%	2,550
Louisiana	<b>LA</b>	0.44%	2,649
Maine	<b>ME</b>	0.31%	1,872
Maryland	<b>MD</b>	2.00%	11,968
Massachusetts	<b>MA</b>	0.41%	2,444
Michigan	<b>MI</b>	2.61%	15,637
Minnesota	<b>MN</b>	2.86%	17,120
Mississippi	<b>MS</b>	0.21%	1,236

Number of Accident and % of Total Count of accidents\_17to19.csv along State (State full name.csv), State broken down by State (State full name.csv) and State. The data is filtered on Start Time Year, which keeps 2017, 2018 and 2019.

## Top 10 States with highest number of accident in

		% of Total Co..	Number of Ac..
Missouri	<b>MO</b>	1.46%	8,713
Montana	<b>MT</b>	0.07%	394
Nebraska	<b>NE</b>	0.15%	922
Nevada	<b>NV</b>	0.29%	1,743
New Hampshire	<b>NH</b>	0.52%	3,132
New Jersey	<b>NJ</b>	2.01%	12,056
New Mexico	<b>NM</b>	0.12%	730
New York	<b>NY</b>	3.58%	21,421
North Carolina	<b>NC</b>	2.67%	16,011
North Dakota	<b>ND</b>	0.00%	27
Ohio	<b>OH</b>	1.81%	10,840
Oklahoma	<b>OK</b>	0.25%	1,520
Oregon	<b>OR</b>	8.71%	52,152
Pennsylvania	<b>PA</b>	1.27%	7,619
Rhode Island	<b>RI</b>	0.39%	2,329
South Carolina	<b>SC</b>	0.78%	4,665
South Dakota	<b>SD</b>	0.01%	46
Tennessee	<b>TN</b>	1.07%	6,420
Texas	<b>TX</b>	5.02%	30,083
Utah	<b>UT</b>	3.67%	21,954
Vermont	<b>VT</b>	0.04%	264
Virginia	<b>VA</b>	2.38%	14,268
Washington	<b>WA</b>	2.34%	14,017

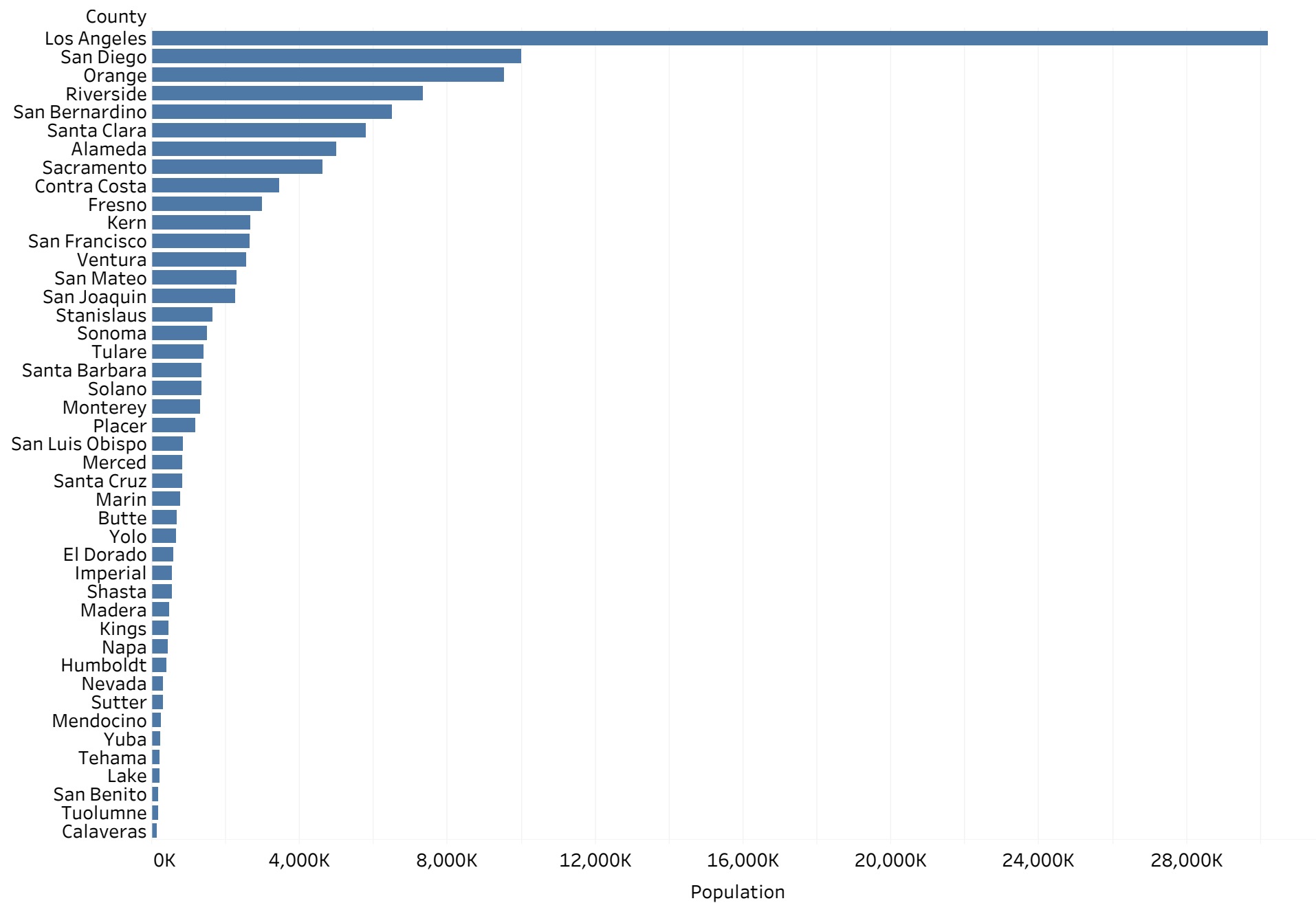
Number of Accident and % of Total Count of accidents\_17to19.csv along State (State full name.csv), State broken down by State (State full name.csv) and State. The data is filtered on Start Time Year, which keeps 2017, 2018 and 2019.

## Top 10 States with highest number of accident in

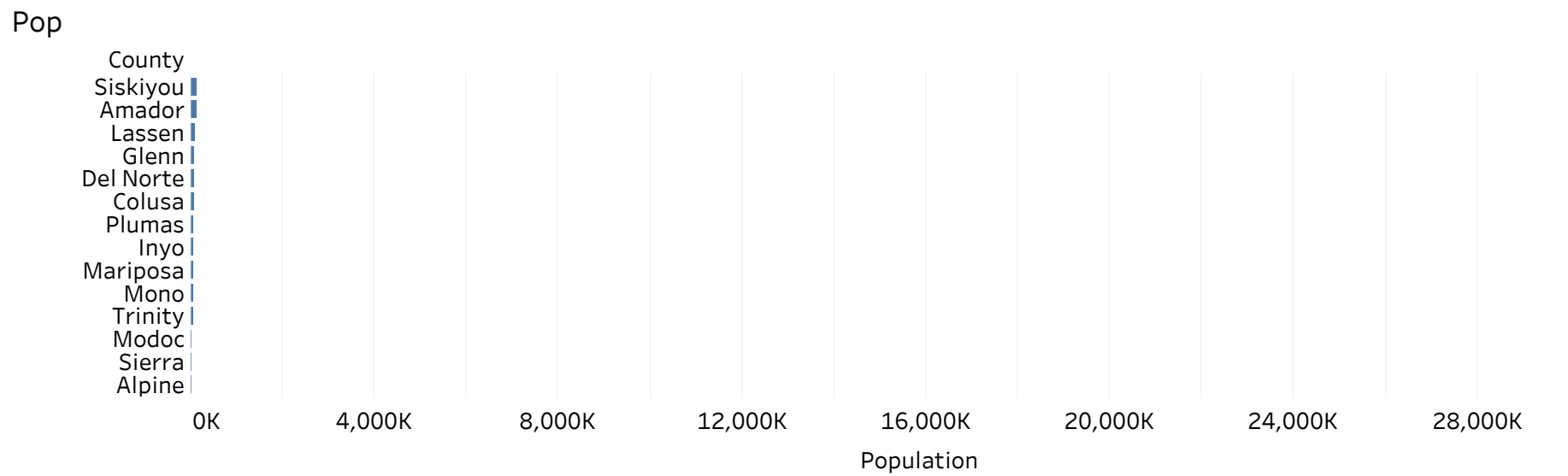
		% of Total Co..	Number of Ac..
West Virginia	<b>WV</b>	0.26%	1,573
Wisconsin	<b>WI</b>	0.90%	5,365
Wyoming	<b>WY</b>	0.04%	251
Grand Total		100.00%	598,807

Number of Accident and % of Total Count of accidents\_17to19.csv along State (State full name.csv), State broken down by State (State full name.csv) and State. The data is filtered on Start Time Year, which keeps 2017, 2018 and 2019.

Pop



Sum of Population for each County. The data is filtered on State, which keeps CA.



Sum of Population for each County. The data is filtered on State, which keeps CA.

## County Severity

County	
Alameda	2.1060
Alpine	2.1837
Amador	2.1782
Butte	2.2054
Calaveras	2.2343
Colusa	2.1917
Contra Costa	2.1133
Del Norte	2.1458
El Dorado	2.1566
Fresno	2.0551
Glenn	2.0722
Humboldt	2.0864
Imperial	2.1852
Inyo	2.1364
Kern	2.1360
Kings	2.1956
Lake	2.0400
Lassen	2.2105
Los Angeles	2.1373
Madera	2.1133
Marin	2.1287
Mariposa	2.1892
Mendocino	2.0804
Merced	2.0929
Modoc	2.1957

Average of Severity  
broken down by County.  
The data is filtered on  
State, which keeps CA.

## County Severity

County	
Mono	2.2966
Monterey	2.0743
Napa	2.1737
Nevada	2.2335
Orange	2.1388
Placer	2.1554
Plumas	2.0874
Riverside	2.1194
Sacramento	2.0990
San Benito	2.1258
San Bernardino	2.1320
San Diego	2.1408
San Francisco	2.1273
San Joaquin	2.0873
San Luis Obispo	2.1125
San Mateo	2.1194
Santa Barbara	2.0892
Santa Clara	2.1128
Santa Cruz	2.1342
Shasta	2.1452
Sierra	2.1818
Siskiyou	2.1058
Solano	2.1276
Sonoma	2.1417
Stanislaus	2.0999

Average of Severity  
broken down by County.  
The data is filtered on  
State, which keeps CA.

## County Severity

County	
Sutter	2.2222
Tehama	2.1333
Trinity	2.2273
Tulare	2.0854
Tuolumne	2.2108
Ventura	2.0962
Yolo	2.0918
Yuba	2.0783

Average of Severity  
broken down by County.  
The data is filtered on  
State, which keeps CA.