**Situational Data:**

Fatal vs. Nonfatal accidents per year. Most accidents result in nonfatal injuries. Number of accidents overall reduced significantly from 2019 to 2020.

Chart, icon

Description automatically generated

Percentage of Fatal and Nonfatal accidents by year. 2016 has the highest percentage of fatal accidents.

YEAR ACCLASS

2006 Fatal 11.85

Non-Fatal Injury 88.15

2007 Fatal 10.38

Non-Fatal Injury 89.62

2008 Fatal 12.23

Non-Fatal Injury 87.77

2009 Fatal 10.27

Non-Fatal Injury 89.73

2010 Fatal 10.50

Non-Fatal Injury 89.50

2011 Fatal 8.52

Non-Fatal Injury 91.48

2012 Fatal 9.71

Non-Fatal Injury 90.29

2013 Fatal 14.62

Non-Fatal Injury 85.38

2014 Fatal 14.57

Non-Fatal Injury 85.43

2015 Fatal 18.57

Non-Fatal Injury 81.43

2016 Fatal 19.69

Non-Fatal Injury 80.31

2017 Fatal 15.82

Non-Fatal Injury 84.18

2018 Fatal 15.64

Non-Fatal Injury 84.36

2019 Fatal 17.26

Non-Fatal Injury 82.47

Property Damage Only 0.27

2020 Fatal 15.09

Non-Fatal Injury 84.91

Accidents by season. Most accidents occur in the summer. (NOTE: heat makes people more aggressive)

Chart

Description automatically generated with medium confidence

Accidents by time of day. Peak time is 6 p.m.

Chart, line chart

Description automatically generated

Drunk driving by time of day. Mostly at 2 a.m. which is the time that the bars close. Second highest occurance is at 3 a.m. when the clubs close.

Chart, bar chart, histogram

Description automatically generated

Injury type caused by drunk driving. Injuries are typically major, but nonfatal.

Chart, bar chart

Description automatically generated

Aggressive Driving by Day of the Week. Friday has the most aggressive driving.

Icon

Description automatically generated with medium confidence

Types of collisions. Most accidents involve hitting pedestrians.

Chart

Description automatically generated

Type of accident by the hour.

Chart

Description automatically generated

Most accidents occur under clear conditions.

Chart, histogram

Description automatically generated

Accidents mainly occur during daylight hours (sun goes down later in the summer).

Chart

Description automatically generated

Road conditions are dry when most accidents occur. (People more reckless?)

Histogram

Description automatically generated with medium confidence

**Characteristics of Persons Involved Data:**

Age of those injured in the accident. Majority are between the ages 25-29.

Chart, bar chart

Description automatically generated

Age group of drunk drivers. Primarily in their 20’s (22%) and decreases with age.

**Chart, bar chart, histogram

Description automatically generated**

Age of indiviudals involved in a fatal accident

Chart, bar chart, histogram

Description automatically generated

Percentage of Fatal and Nonfatal Injuries by Age. Percentage of Fatalities increases by age, especially over the age of 65+.

INVAGE ACCLASS

0 to 4 Fatal 7.80

Non-Fatal Injury 92.20

10 to 14 Fatal 6.90

Non-Fatal Injury 93.10

15 to 19 Fatal 12.37

Non-Fatal Injury 87.63

20 to 24 Fatal 11.65

Non-Fatal Injury 88.35

25 to 29 Fatal 12.66

Non-Fatal Injury 87.34

30 to 34 Fatal 12.32

Non-Fatal Injury 87.68

35 to 39 Fatal 11.24

Non-Fatal Injury 88.67

Property Damage Only 0.09

40 to 44 Fatal 12.41

Non-Fatal Injury 87.59

45 to 49 Fatal 11.48

Non-Fatal Injury 88.43

Property Damage Only 0.09

5 to 9 Fatal 14.57

Non-Fatal Injury 85.43

50 to 54 Fatal 12.64

Non-Fatal Injury 87.36

55 to 59 Fatal 14.53

Non-Fatal Injury 85.47

60 to 64 Fatal 13.45

Non-Fatal Injury 86.55

65 to 69 Fatal 15.24

Non-Fatal Injury 84.76

70 to 74 Fatal 17.07

Non-Fatal Injury 82.93

75 to 79 Fatal 21.52

Non-Fatal Injury 78.48

80 to 84 Fatal 25.52

Non-Fatal Injury 74.48

85 to 89 Fatal 29.69

Non-Fatal Injury 70.31

90 to 94 Fatal 44.64

Non-Fatal Injury 55.36

Over 95 Fatal 54.55

Non-Fatal Injury 45.45

Condition of the driver that caused the accident. Most accidents are caused by drivers who are not paying attention to the road.

Text

Description automatically generated with low confidence

Errors that drivers are making during certain manouvers that cause accidents. When turning left, most accidents were caused by drivers failing to yeild right of way. When going ahead, most accidents were caused when drivers lost control of the vehicle.

Graphical user interface, application

Description automatically generated

Condition of driver for different collision types. Most accidents occur when driver is unimpaired.

A picture containing graphical user interface

Description automatically generated

Physical condition of the driver when doing certain actions. Most accidents occur when people are unimpared and driving properly.

Graphical user interface, application

Description automatically generated

Drunk drivers cause accidents by losing control of their car.

Chart, histogram

Description automatically generated

Aggressive Drivers cause accidents by failing to yield right-of-way.

Chart

Description automatically generated