PEDESTRIAN AND BICYCLE CRASH ANALYSIS

with Contributing Factor of "Other" or with No Contributing Factor

Save a Life™
Texas Department of Transportation

WALK. BIKE. SAFE.

2,832
TOTAL CRASHES

2,896
PEOPLE INVOLVED

The analysis includes a total of 2,832 crash records (number of crashes) involving 2,896 people (number of people killed or injured)

The use of "other" or no contributing factor says nothing about the circumstances of the crash, the possible laws violated, and/or the behaviors of the road users involved. TxDOT Crash Records Information System (CRIS) crash data (2018–2022) for fatal and suspected serious injury (KA) crashes involving a pedestrian or bicyclist where "other" or no contributing factor was listed was used in this analysis.

24% & 29%

24 percent of pedestrian crashes and 29 percent of bicycle crashes did not have a contributing factor or used the contributing factor of "other".
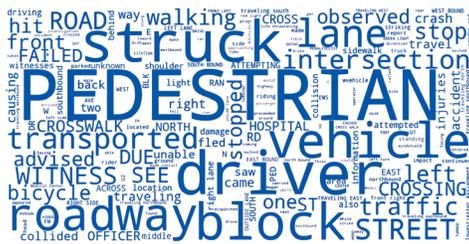
WEATHER CONDITIONS
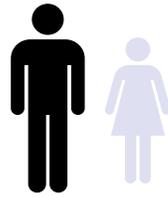
SUN GLARE
8.7%

8.7 percent of crashes flagged as solar glare possibly being a contributing factor.

OVERALL FINDINGS

A word cloud of the key words from crash narratives picked up by the natural language program.

These crashes skew even more towards males than females compared to all pedestrian and bicyclists crashes in Texas.
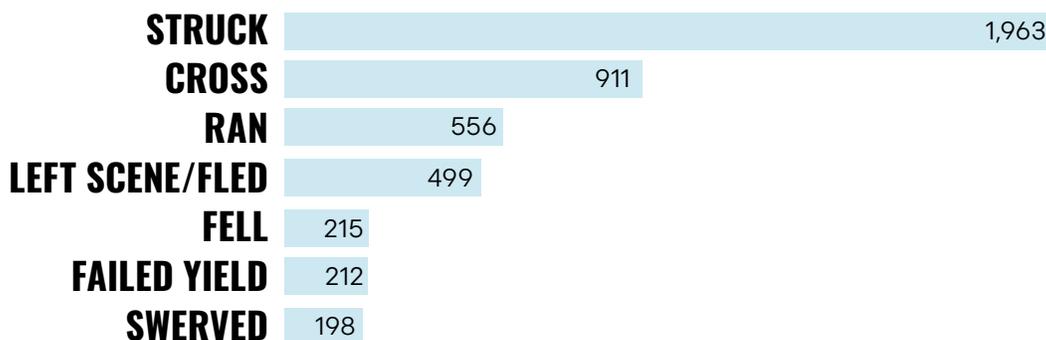
WET ROADWAY

A surface may still be wet or have standing water, even in clear or cloudy conditions, due to the "wet recovery" period.

SAMPLE OF TEXT MINING MODELS

PHRASE	MODEL 1 OUTPUT	MODEL 2 OUTPUT
left scene/fled	Identified the individual who left the scene	Provided additional context about the circumstances of fleeing
drugs/alcohol	Identified the person involved with drugs or alcohol	Described the influence or effect of drugs/alcohol on the crash
struck/striking	Identified who or what was struck	Provided details about the incident

TOP PHRASES IN CRASH NARRATIVES

Phrase	Count
STRUCK	1,963
CROSS	911
RAN	556
LEFT SCENE/FLED	499
FELL	215
FAILED YIELD	212
SWERVED	198

FULL REPORT

Use this QR code to download the full report.