

Projects

April 2020

Prepared by Transportation Planning
Missouri Department of Transportation

Serious and Fatal Crash Tracker [Video](#)

Serious Crash Data Tables
Auto Fills DO NOT TOUCH

Driver Seat Belt Usage			
Buckled	52		
Unbuckled	47		
Unknown	6		
Total	105		

Male VS. Female Seatbelt Usage				
	Yes	No	Unknow	Total
Male	41	48	4	93
Female	21	6	4	31
Total	62	54	8	124

Contributing Driver		Serious by Gender	
Male	62	Male	64
Female	14	Female	22

Age of No Seatbelt Use	
19 and Under	6
20-24	7
25-29	6
30-34	6
35-39	9
40-44	2
45-49	4
50-54	2
55-59	1
60-64	3
65-69	2
70-74	2
75+	4

Crash by Time of Day	
Midnight to 1:00	4
1:00 to 2:00	2
2:00 to 3:00	4
3:00 to 4:00	2
4:00 to 5:00	0
5:00 to 6:00	2
6:00 to 7:00	2
7:00 to 8:00	4
8:00 to 9:00	1
9:00 to 10:00	1
10:00 to 11:00	4
11:00 to Noon	6
Noon to 13:00	1
13:00 to 14:00	5
14:00 to 15:00	6
15:00 to 16:00	5
16:00 to 17:00	5
17:00 to 18:00	4
18:00 to 19:00	3
19:00 to 20:00	3
20:00 to 21:00	7
21:00 to 22:00	3
22:00 to 23:00	5
23:00 to Midnig	0
Total	73

Month Crash Occurred	
January	6
February	10
March	6
April	12
May	6
June	13
July	6
August	9
September	7
October	5
November	0
December	0
Total	80

Pavement Condition	
Dry	43
Wet	4
Ice/Snow	8

Vehicle Type Involved	
Passenger Vehi	68
Semi	14
Train	1
Motorcycle	9
ATV	8
Golf Cart	0
Tractor	3
Horse-Drawn	1

Serious By County	
Andrew	8
Atchison	2
Buchanan	5
Caldwell	8
Carroll	2
Chariton	1
Clinton	3
Daviness	5
Dekalb	5
Gentry	3
Grundy	1
Harrison	5

Serious by Day	
Monday	10
Tuesday	11
Wednesday	12
Thursday	10
Friday	10
Saturday	14
Sunday	13
Total	80

Description

Serious and Fatal Crash Tracker allows an engineer or data keeper to easily keep track of the crash reports for serious and fatal injury crashes that happen throughout the year with a user-friendly spreadsheet. While previous documents have been a manual count entered by the user, this spreadsheet allows all information pertinent to the crash to be stored in one place. This also allows the user to present numbers easily in table or graph format. This innovation creates one stop for crash data.

Benefit

This innovation saves time by allowing all data to be tracked in one place, while previous documents were kept up to date via a manual count done by the user. With prior documents it was easy to forget which reports the person had entered and what they may still need to gather about the crash, while this document fixes that issue. Work is simplified by allowing the user to easily filter results of crash types, age, gender and vehicle type when asked for data from other departments or agencies. This tool also makes record keeping easier by tracking numbers itself, instead of the manual count previously needed.

Materials and Labor

Total amount of labor was between five to six hours.

For More Information Contact

Northwest District

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sp/sites/tp/planpol/SitePages/InnovationHome.aspx>

