

REQUIREMENTS:

Clients wants to create a dashboard for year 2021 and 2022 so that they can have insight on the below requirements.

- 1) Primary KPI - Total Casualties taken place after the accident
- 2)Primary KPI's - Total Casualties & percentage of total with respect to accident severity and Roundabout 26.8K One way street 7.4K maximum casualties by type of vehicle
- 3)Secondary KPI's - Total Casualties with respect to vehicle type
- 4)Monthly trend show ng comparison of casualties for Current Year and Previous Year
- 5) Maximum casualties by Road Type
- 6) Distribution of total casualties by Road Surface
- 7)Relation between Casualties by Area/ Location & by Day/Night

Requirements

Data Sheet

KPI

Monthly Trend

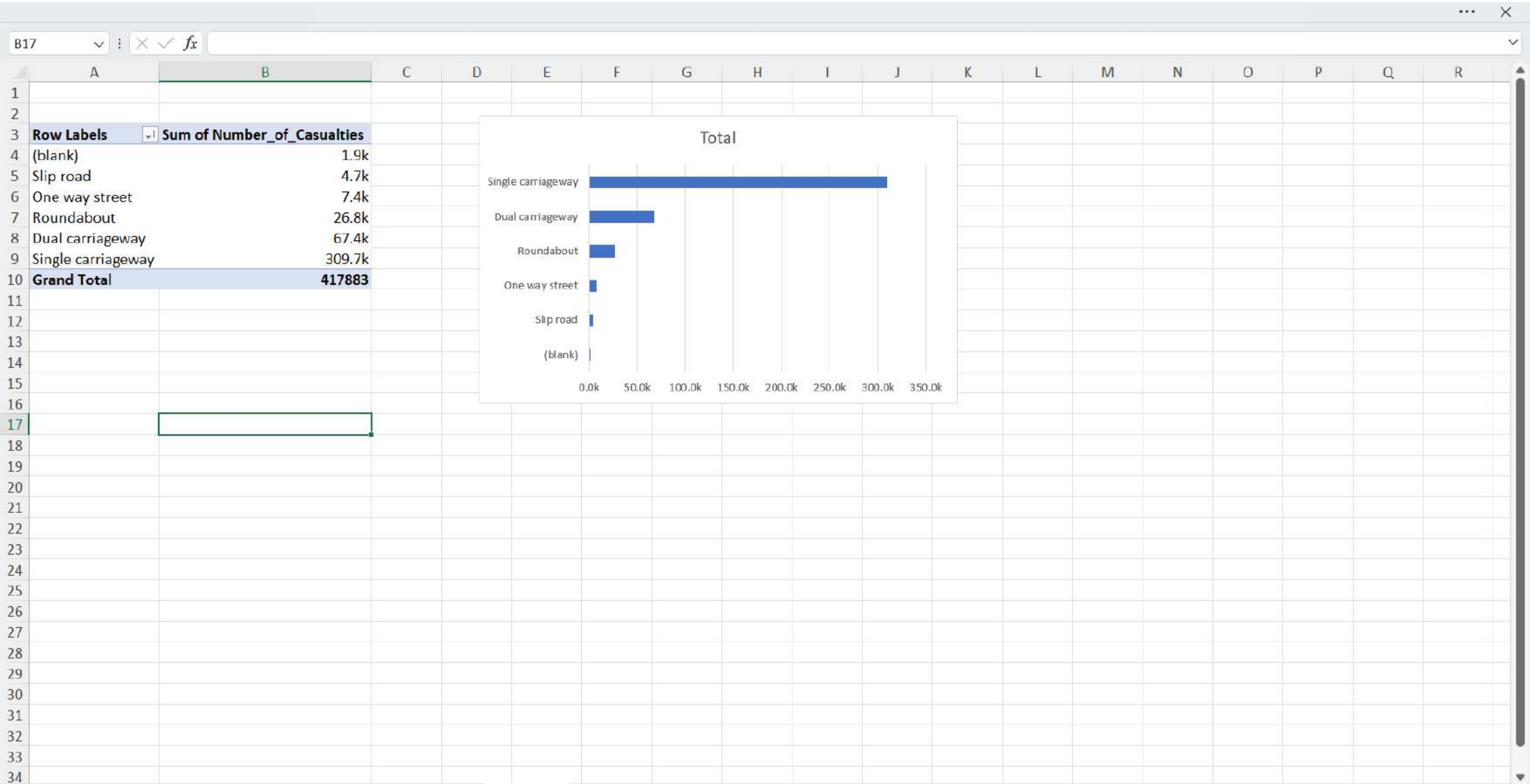
Road type

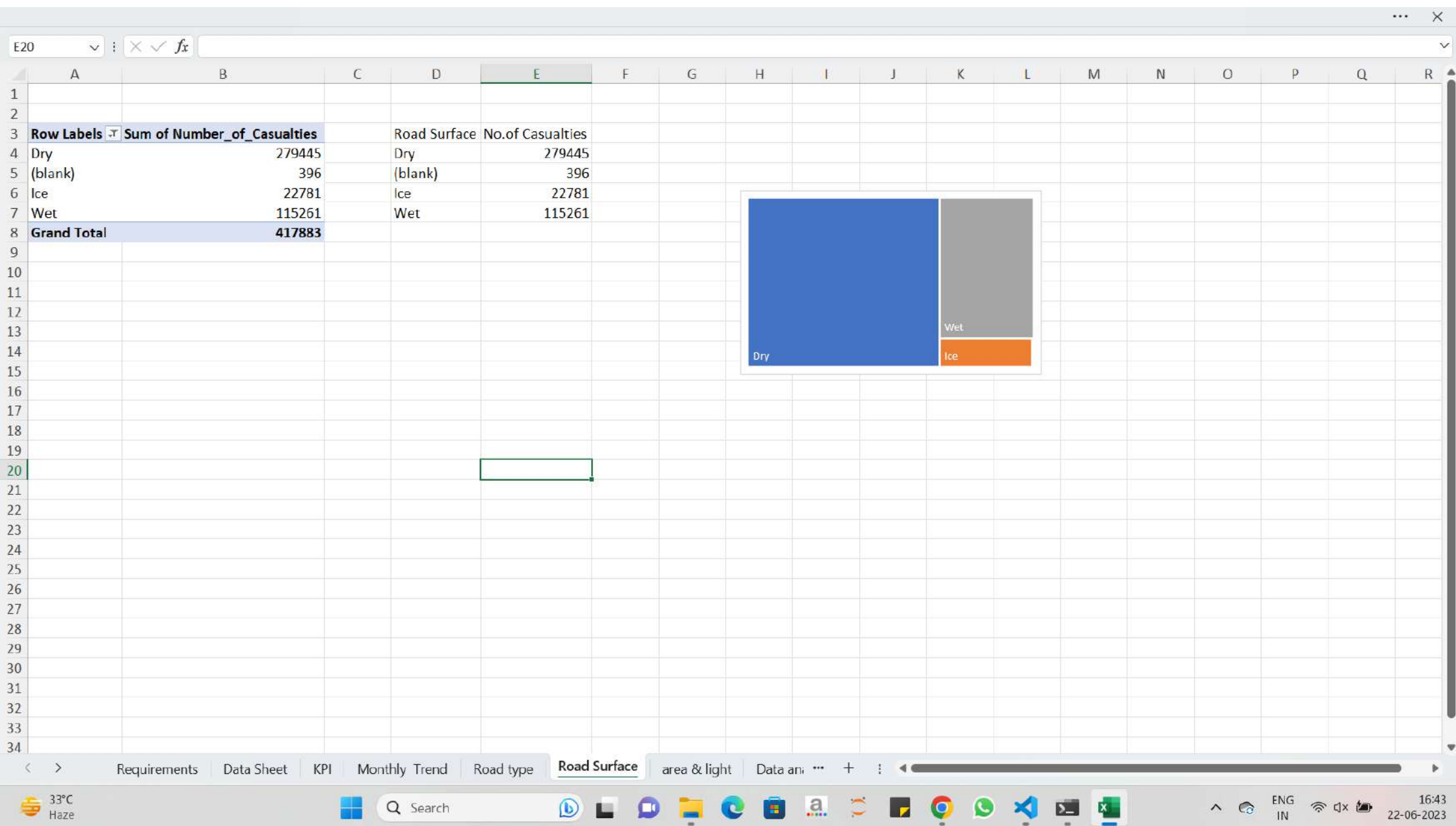
Road Surface

area & light

Data ani

B31														
31-01-2021														
	A	B	C	D	E	F	G	H	I	J	K	L	M	
2	200901BS70001	01-01-2021	Jan	2021	Thursday	Give way or	T or stagger	Serious	51.512273	Daylight	Kensington a	None	-0.20	
3	200901BS70002	05-01-2021	Jan	2021	Monday	Give way or	Crossroads	Serious	51.514399	Daylight	Kensington a	None	-0.19	
4	200901BS70003	04-01-2021	Jan	2021	Sunday	Give way or	T or stagger	Slight	51.486668	Daylight	Kensington a	None	-0.17	
5	200901BS70004	05-01-2021	Jan	2021	Monday	Auto traffic s	T or stagger	Serious	51.507804	Daylight	Kensington a	None	-0.2	
6	200901BS70005	06-01-2021	Jan	2021	Tuesday	Auto traffic s	Crossroads	Serious	51.482076	Darkness - lights lit	Kensington a	None	-0.17	
7	200901BS70006	01-01-2021	Jan	2021	Thursday	Give way or	T or stagger	Slight	51.493415	Daylight	Kensington a	None	-0.18	
8	200901BS70007	08-01-2021	Jan	2021	Thursday	Give way or	T or stagger	Serious	51.480177	Daylight	Kensington a	None	-0.17	
9	200901BS70008	02-01-2021	Jan	2021	Friday	Auto traffic s	Crossroads	Slight	51.491957	Daylight	Kensington a	None	-0.17	
10	200901BS70009	07-01-2021	Jan	2021	Wednesday	Give way or	T or stagger	Slight	51.49646	Daylight	Kensington a	None	-0.16	
11	200901BS70010	10-01-2021	Jan	2021	Saturday	Auto traffic s	Crossroads	Slight	51.48115	Daylight	Kensington a	None	-0.18	
12	200901BS70011	07-01-2021	Jan	2021	Wednesday	Auto traffic s	Crossroads	Slight	51.482076	Darkness - lights lit	Kensington a	None	-0.17	
13	200901BS70012	16-01-2021	Jan	2021	Friday	Auto traffic s	Crossroads	Slight	51.494995	Darkness - lights lit	Kensington a	None	-0.18	
14	200901BS70015	12-01-2021	Jan	2021	Monday	Data missing	Not at junc	Slight	51.498778	Daylight	Kensington a	None	-0.20	
15	200901BS70016	09-01-2021	Jan	2021	Friday	Give way or	T or stagger	Slight	51.506187	Daylight	Kensington a	None	-0.20	
16	200901BS70017	17-01-2021	Jan	2021	Saturday	Give way or	T or stagger	Slight	51.493077	Daylight	Kensington a	None	-0.16	
17	200901BS70019	25-01-2021	Jan	2021	Sunday	Auto traffic s	Crossroads	Serious	51.482076	Darkness - lights lit	Kensington a	None	-0.17	
18	200901BS70020	26-01-2021	Jan	2021	Monday	Give way or	Crossroads	Slight	51.488673	Darkness - lights lit	Kensington a	None	-0.16	
19	200901BS70021	26-01-2021	Jan	2021	Monday	Data missing	Not at junc	Slight	51.482363	Darkness - lights lit	Kensington a	None	-0.18	
20	200901BS70023	19-01-2021	Jan	2021	Monday	Give way or	T or stagger	Slight	51.49391	Daylight	Kensington a	None	-0.17	
21	200901BS70024	27-01-2021	Jan	2021	Tuesday	Data missing	Not at junc	Slight	51.509296	Darkness - lights lit	Kensington a	None	-0.19	
22	200901BS70025	21-01-2021	Jan	2021	Wednesday	Give way or	T or stagger	Slight	51.50228	Darkness - lights lit	Kensington a	None	-0.18	
23	200901BS70026	22-01-2021	Jan	2021	Thursday	Give way or	T or stagger	Slight	51.507588	Darkness - lights lit	Kensington a	None	-0.19	
24	200901BS70027	31-01-2021	Jan	2021	Saturday	Auto traffic s	Crossroads	Serious	51.488585	Daylight	Kensington a	None	-0.19	
25	200901BS70028	03-02-2021	Feb	2021	Tuesday	Give way or	T or stagger	Slight	51.528344	Daylight	Kensington a	None	-0.21	
26	200901BS70030	31-01-2021	Jan	2021	Saturday	Give way or	T or stagger	Slight	51.499201	Darkness - lights lit	Kensington a	None	-0.16	
27	200901BS70031	31-01-2021	Jan	2021	Saturday	Give way or	T or stagger	Serious	51.517081	Daylight	Kensington a	None	-0.20	
28	200901BS70032	29-01-2021	Jan	2021	Thursday	Auto traffic s	Crossroads	Slight	51.48944	Daylight	Kensington a	None	-0.19	
29	200901BS70033	31-01-2021	Jan	2021	Saturday	Give way or	Crossroads	Slight	51.494521	Daylight	Kensington a	None	-0.15	
30	200901BS70035	29-01-2021	Jan	2021	Thursday	Auto traffic s	Crossroads	Slight	51.508624	Daylight	Kensington a	None	-0.20	
31	200901BS70036	31-01-2021	Jan	2021	Saturday	Auto traffic s	Crossroads	Slight	51.491173	Darkness - lights lit	Kensington a	None	-0.1	
32	200901BS70037	28-01-2021	Jan	2021	Wednesday	Give way or	T or stagger	Slight	51.495478	Daylight	Kensington a	None	-0.20	
33	200901BS70039	27-01-2021	Jan	2021	Tuesday	Auto traffic s	Crossroads	Serious	51.495658	Daylight	Kensington a	None	-0.17	
34	200901BS70040	31-01-2021	Jan	2021	Saturday	Give way or	T or stagger	Slight	51.499727	Daylight	Kensington a	None	-0.16	
35	200901BS70041	22-01-2021	Jan	2021	Thursday	Give way or	T or stagger	Slight	51.507802	Darkness - lights lit	Kensington a	None	-0.20	





	A	B	C	D	E	F	G	H	I
1		Sum of Number_of_Casualties			2021 Casualties			Casualties by light conditions	
2		Sum of Number_of_Casualties		Year	2021			Row Labels	Sum of Number_of_Casualties
3		417883						Daylight	305.0k
4				Row Labels		Sum of Number_of_Casualties		Dark	112.9k
5				Jan		18173		Grand Total	417883
6		Accident Severity		Feb		14648			
7		Row Labels	Sum of Number_of_Casualties	Mar		17815			
8		Fatal	7135	Apr		17335		Casualties by road style	
9		Serious	59312	May		18852		Row Labels	Sum of Number_of_Casualties
10		Slight	351436	Jun		18728		(blank)	1.9k
11		Grand Total	417883	Jul		19682		Slip road	4.7k
12				Aug		18797		One way street	7.4k
13		Casualties by Vehicle type		Sep		18456		Roundabout	26.8k
14		Row Labels	Sum of Number_of_Casualties	Oct		20109		Dual carriageway	67.4k
15		Agricultural vehicle	1032	Nov		20975		Single carriageway	309.7k
16		Cars	333485	Dec		18576		Grand Total	417883
17		Van	33472	Grand Total		222146			
18		Bus	12798						
19		Bike	33672	2022 Casualties				Casualties by road surface	
20		Others	3424	Year	2022			Row Labels	Sum of Number_of_Casualties
21		Grand Total	417883					Dry	279445
22				Row Labels		Sum of Number_of_Casualties		(blank)	396
23				Jan		13163		Ice	22781
24		Casualties byArea type		Feb		14804		Wet	115261
25		Row Labels	Sum of Number_of_Casualties	Mar		16575		Grand Total	417883
26		Rural	162.0k	Apr		15767			
27		Urban	255.9k	May		16775			
28		Grand Total	417883	Jun		17230			
29				Jul		17201			
30				Aug		16796			
31				Sep		17500			
32				Oct		18287			
33				Nov		18439			
34				Dec		13200			

ROAD ACCIDENT DADHBOARD

Total Casualties 417883

Fatal Casualties

7135

1.7%

Series Casualties

59312

14.2%

Slight Casualties

351436

84.1%

Casualties by car

333485

79.8%

Total Casualties
by Vehicle type



1032



33472



12798



33672

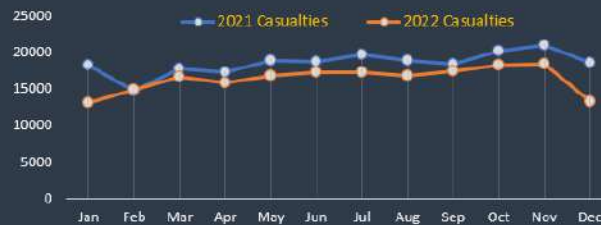


1032



3424

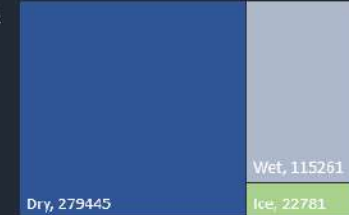
2021 Casualties vs 2022 Casualties



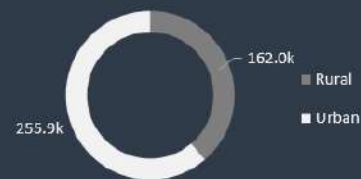
Casualties by road type



Casualties by surface type



Casualties by Area



Casualties by Light Conditions



Filter panel

Accident Date: All Periods YEARS

2021 2022 2023

Urban_or_... Rural Urban