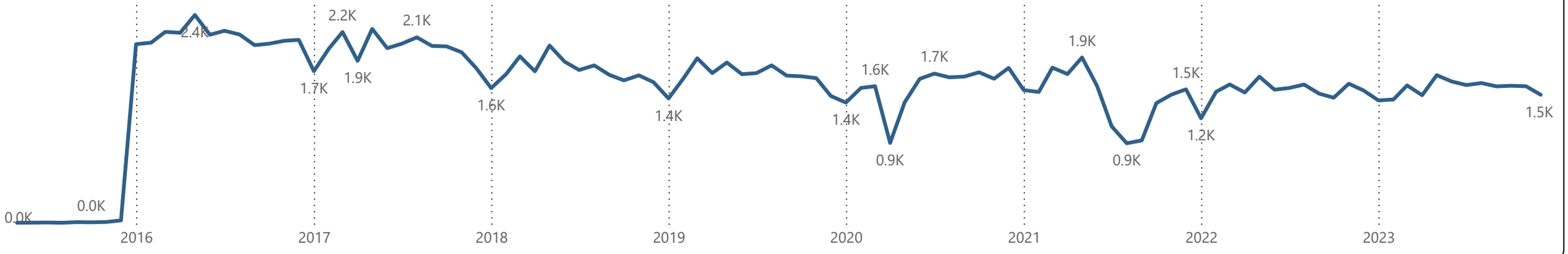
NSW Traffic Collision Report

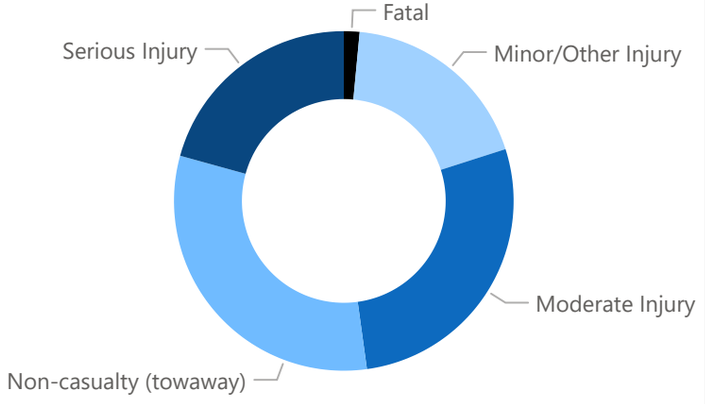
164.50K
Total Number of Road Crashes

2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023

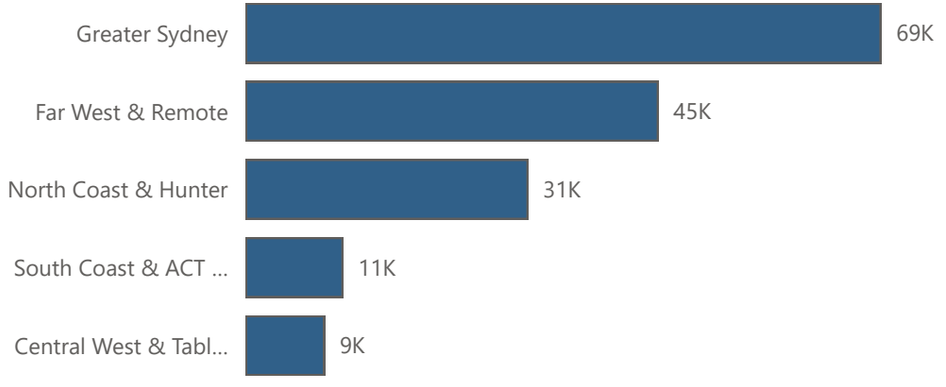
Crash by Year



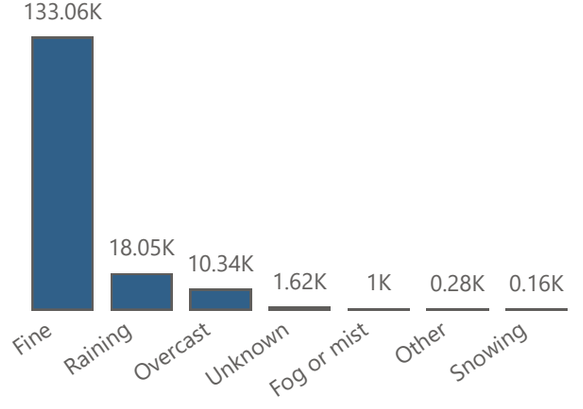
Types of Crash



Crashes by Region



Crashes by Weather Type



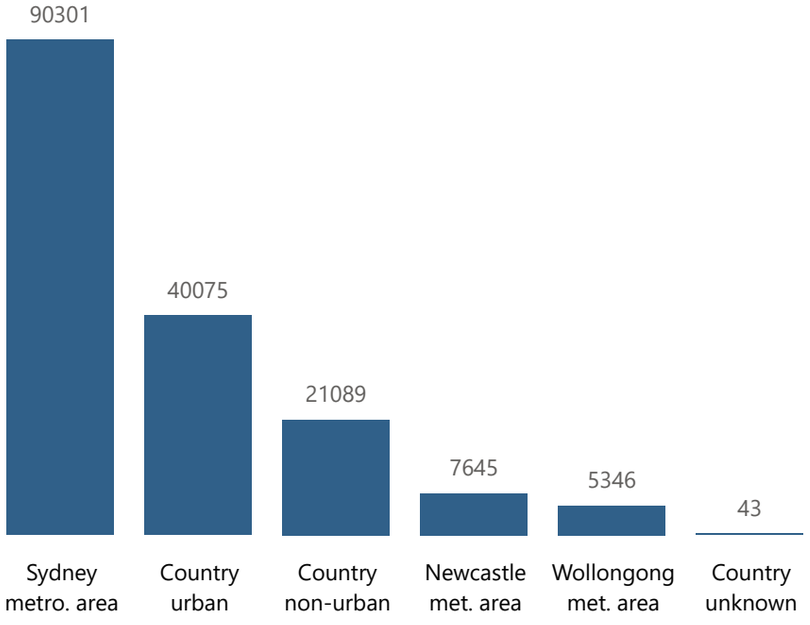
Region wise crash analysis (2016-2023)

Urbanisation: All

Total Crashes	Total Killed	Moderate Injuries
164.50K	2649	60K

Serious Injuries	Minor Injuries	Traffic Units Involved
38K	42K	309K

Crash By Region



Urbanisation	Crash Trend	Crashes in 2023	Crashes in 2022
Country non-urban	▼ 0.4%	2609	2598
Country unknown	▲ 66.7%	2	6
Country urban	▼ 4.7%	4802	4587
Newcastle met. area	▲ 2.7%	895	920
Sydney metro. area	▼ 1.7%	9745	9585
Wollongong met. area	▼ 3.8%	580	559

Manoeuvre	Crash Trend	Crashes in 2023	Crashes in 2022
Against traffic, not edge	▲ 100.0%	0	3
Along footpath	▼ 22.1%	210	172
Broken down	▲ 13.0%	47	54
Cutting back	▼ 15.0%	23	20
Double parked	▲ 40.0%	3	5
Forward from drive	▼ 5.5%	425	403
In/on toy vehicle	▼ 35.7%	19	14
Incorrect side	▼ 2.2%	820	802
Jogging	– 0.0%	4	4
Lie/sit on	▼ 100.0%	12	6

Crash Involvement	Crash Trend	Crashes in 2023	Crashes in 2022
Articulated truck	▲ 18.0%	524	639
Bus	▼ 23.9%	233	188
Car/car derivative	▼ 1.5%	14949	14731
Heavy rigid truck	▼ 4.2%	698	670
Light truck	▼ 1.1%	4765	4714
Motorcycle	▼ 16.4%	2287	1964
Non-motorised vehicle	▼ 12.2%	83	74
Other motor	▼ 5.4%	621	589

Map and filled map visuals aren't enabled for your org. Contact your tenant admin to fix this. See details

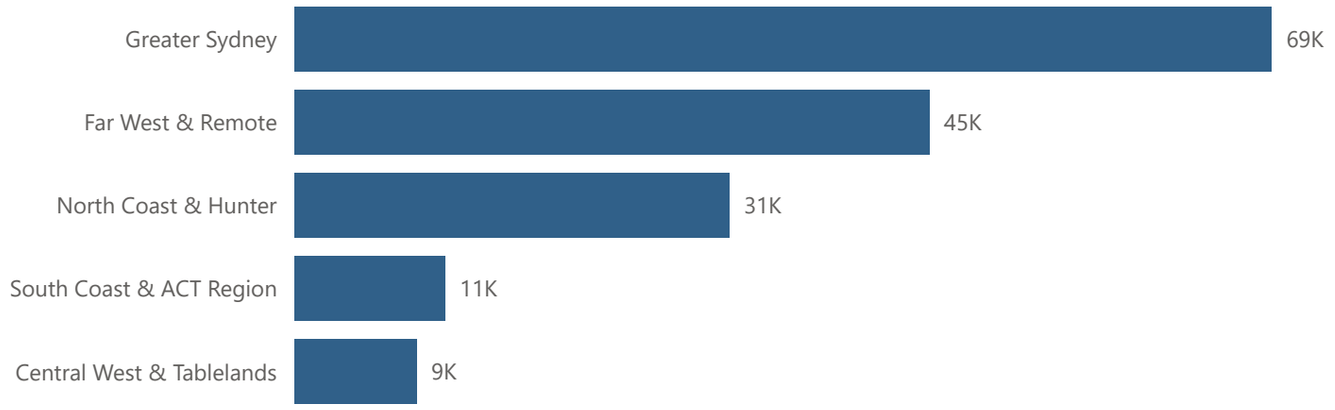
Location wise crash analysis (2022-2023)

Location Type: All

Total Crashes	Total Killed	Serious Injuries
164.50K	2649	38K

Moderate Injury	Minor Injuries	Total Traffic Units Involved
60K	42K	309K

Region wise crashes



Crash Involvement	Crash Trend	Crashes in 2023	Crashes in 2022
Car/car derivative	▼ 1.5%	14949	14731
Light truck	▼ 1.1%	4765	4714
Motorcycle	▼ 16.4%	2287	1964
Pedestrian	▼ 2.1%	1031	1010
Pedal cycle	▼ 27.2%	780	613
Heavy rigid truck	▼ 4.2%	698	670
Other motor vehicle	▼ 5.4%	621	589
Articulated truck	▲ 18.0%	524	639
Bus	▼ 23.9%	233	188
Non-motorised vehicle	▼ 12.2%	83	74
Other or unknown	▲ 8.8%	62	68

Lightning During Crash	Crash Trend	Crashes in 2023	Crashes in 2022
Daylight	▼ 3.6%	11990	11569
Darkness	▲ 6.0%	4628	4926
Dusk	▼ 10.9%	1201	1083
Dawn	▼ 11.9%	687	614
Unknown	▼ 101.6%	127	63

Crash Impact	Crash Trend	Crashes in 2023	Crashes in 2022
Other angle	▼ 2.6%	5138	5007
Vehicle - Object	▲ 3.6%	3717	3856
Rear end	▼ 6.6%	3395	3186
Right angle	▼ 5.5%	2836	2688
Rollover	▲ 3.8%	1424	1480
Vehicle - Pedestrian	▼ 2.7%	1002	976
Head-on	▼ 2.8%	797	775
Vehicle - Animal	▼ 15.5%	231	200
Person - Object	▼ 21.2%	80	66
Unknown	▲ 52.9%	8	17
Vehicle - Train	▼ 25.0%	5	4

Individual crash analysis

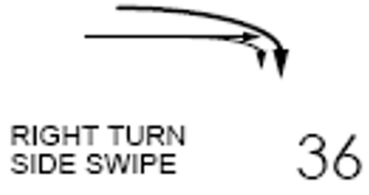
select crash id: 1089265

Clear filter

Crash risk score

Map and filled map visuals aren't enabled for your org.
Contact your tenant admin to fix this. See details

Crash Visual



Basic Information

2016	Darkness	Raining	Not a school zone	No
Year Of Crash	Lighting	Weather	School Zone	School Zone Active Status

Road Data

Car/car derivative	X-intersecti...	Other angle	Proceeding in lane	ST
Primary Crash Vehicle	Location Type	Impact type	Manoeuvre Status	Street Type

Injury Data

Non-casualty (towaway)	0	0	0	0
Degree Of Crash	No. of People Killed	No. of Serious Injuries	No. of Moderate Injury	No. of Minor Injuries

Object Data

Object Hit 1	Object Hit 2

Miscellaneous

60	2
Road Speed Limit	No. of objects/vehicles involved

About this project:

This is an overview report for road crashes
To access the deep insights reports, SQL query, and Excel data validations, please visit: https://github.com/YadneshBapat/Project_NSW-road-crash-analysis

Declaration:

All data within this repository is owned and maintained by the NSW Government. The data is made available for public use under the applicable terms and conditions outlined by the NSW Government. All rights to the data are reserved by the state of New South Wales.

This data is being used strictly for the purposes of this portfolio project. It will not be used commercially, and all work produced will remain for demonstration and educational purposes only. The dataset will be presented as-is, without modification or alteration.

If any issues arise or if you have concerns regarding the data used in this project, please feel free to contact me directly at " yadneshbapat11@gmail.com ". I will take immediate action to resolve any issues or remove any information as required.

Original dataset can be found here - https://opendata.transport.nsw.gov.au/dataset/nsw-crash-data. The crash visualizations used in this project are sourced from the PDF available on the same website. To use the images in Power BI, they needed to be hosted online. Therefore, I have uploaded them to my GitHub page for access.