

COMPREHENSIVE INSIGHTS ON ROAD ACCIDENT DASHBOARD

Analyzing road accident data for 2021 and 2022 to enhance transportation safety policies.



Presented By
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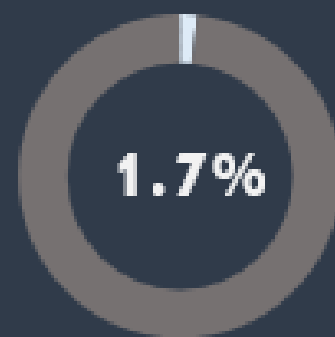
KEY ANALYTICAL QUESTION

- **Primary KPI's:** Total casualties & percentage of total with respect to accident severity and maximum casualties by type of vehicle.
- **Secondary KPI's:** Total casualties with respect to vehicle type.
- Monthly trend showing comparison of casualties for the current year and previous year.
- Maximum casualties by road type.
- Distribution of total casualties by road surface.
- Relation between casualties by area/location & by day/night.

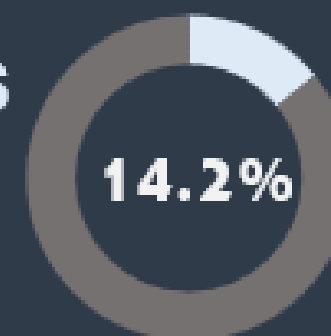
PRIMARY KPIS: TOTAL CASUALTIES ANALYSIS

- Total Casualties in 2021-2022 are **417883**
- Percentage of total with respect to accident severity:
 - Fatal Casualties **1.7%**
 - Serious Casualties **14.2%**
 - Slight Casualties **84.1%**
- Maximum casualties are caused by car's **79.8%**

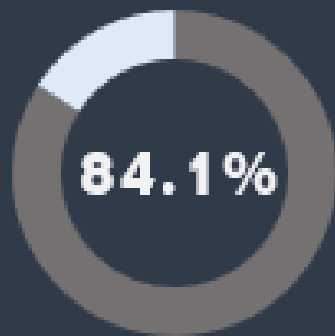
Fatal Casualties
7135



Serious Casualties
59312



Slight Casualties
351436



SECONDARY KPIS: CASUALTIES BY VEHICLE TYPE

- Maximum casualties are caused by car's **79.8%**
- Followed by MotorBikes, trucks, Buses

Total Casualties by Vehicle Type

 **333485**

 **33472**

 **12798**

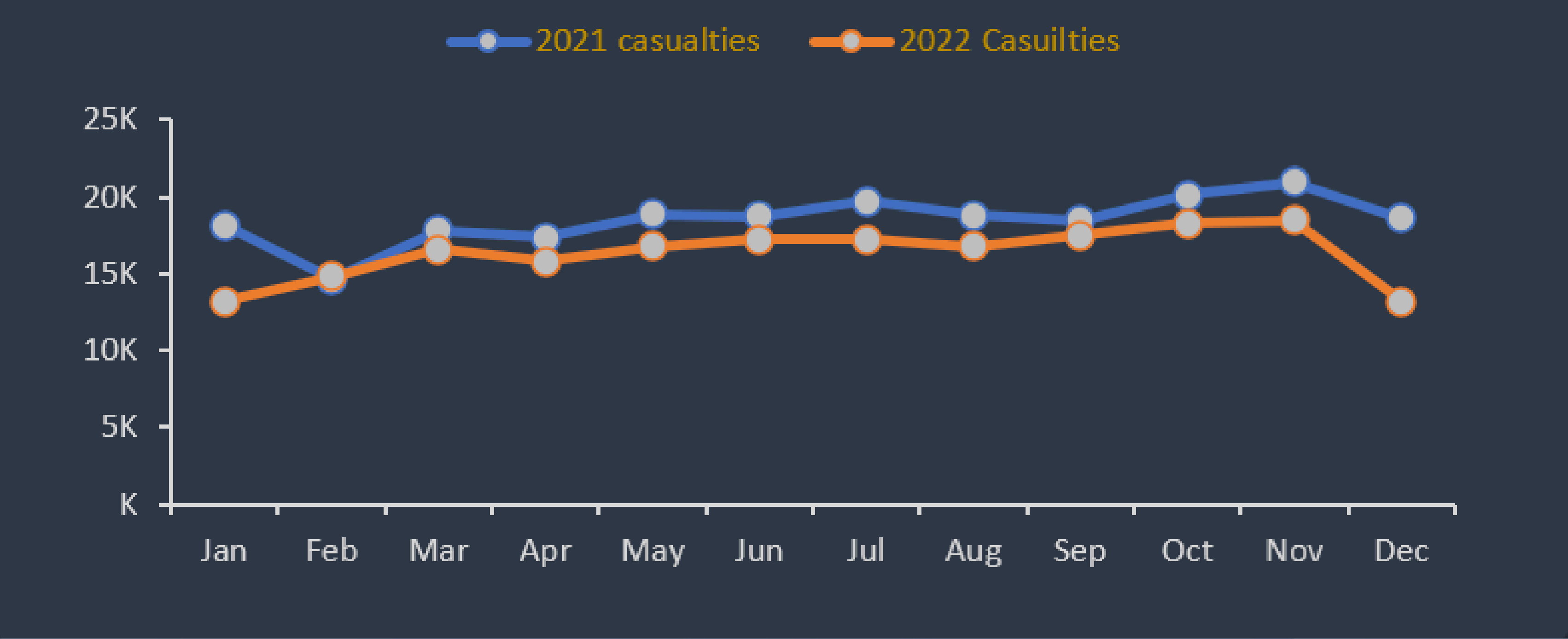
 **1032**

 **33672**

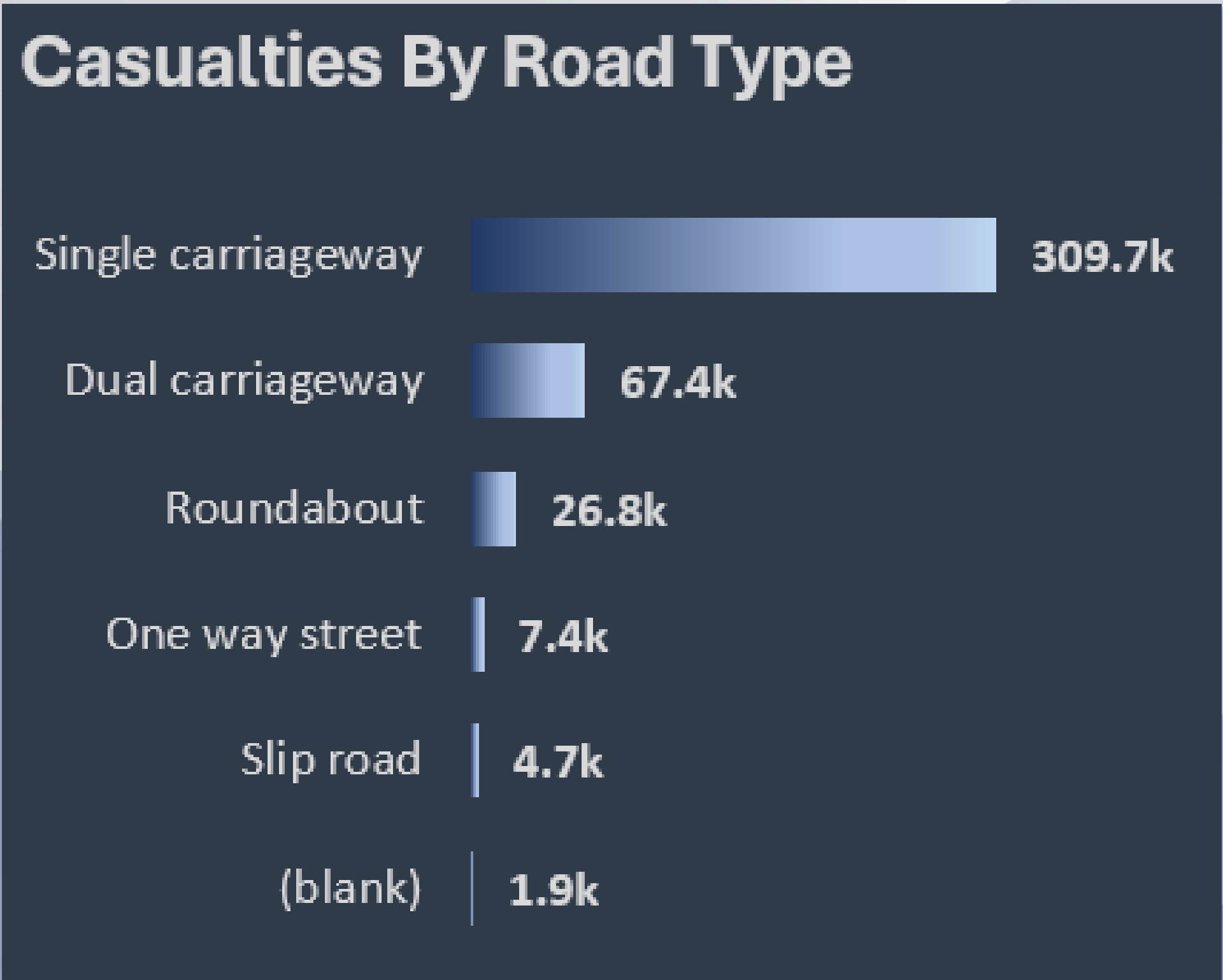
 **92**

 **3424**

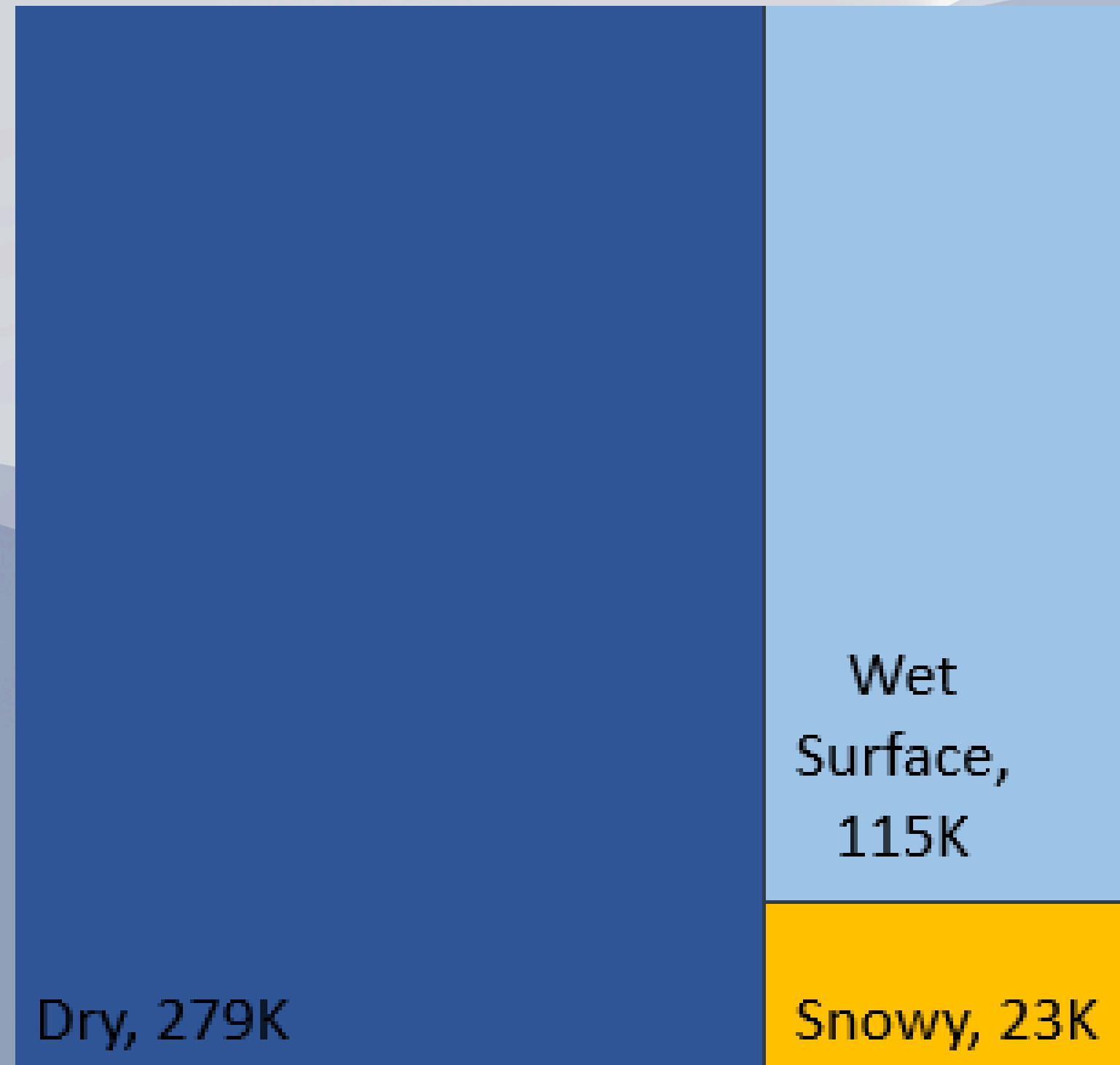
MONTHLY TRENDS IN CASUALTIES: 2021 VS 2022



MAXIMUM CASUALTIES BY ROAD TYPE

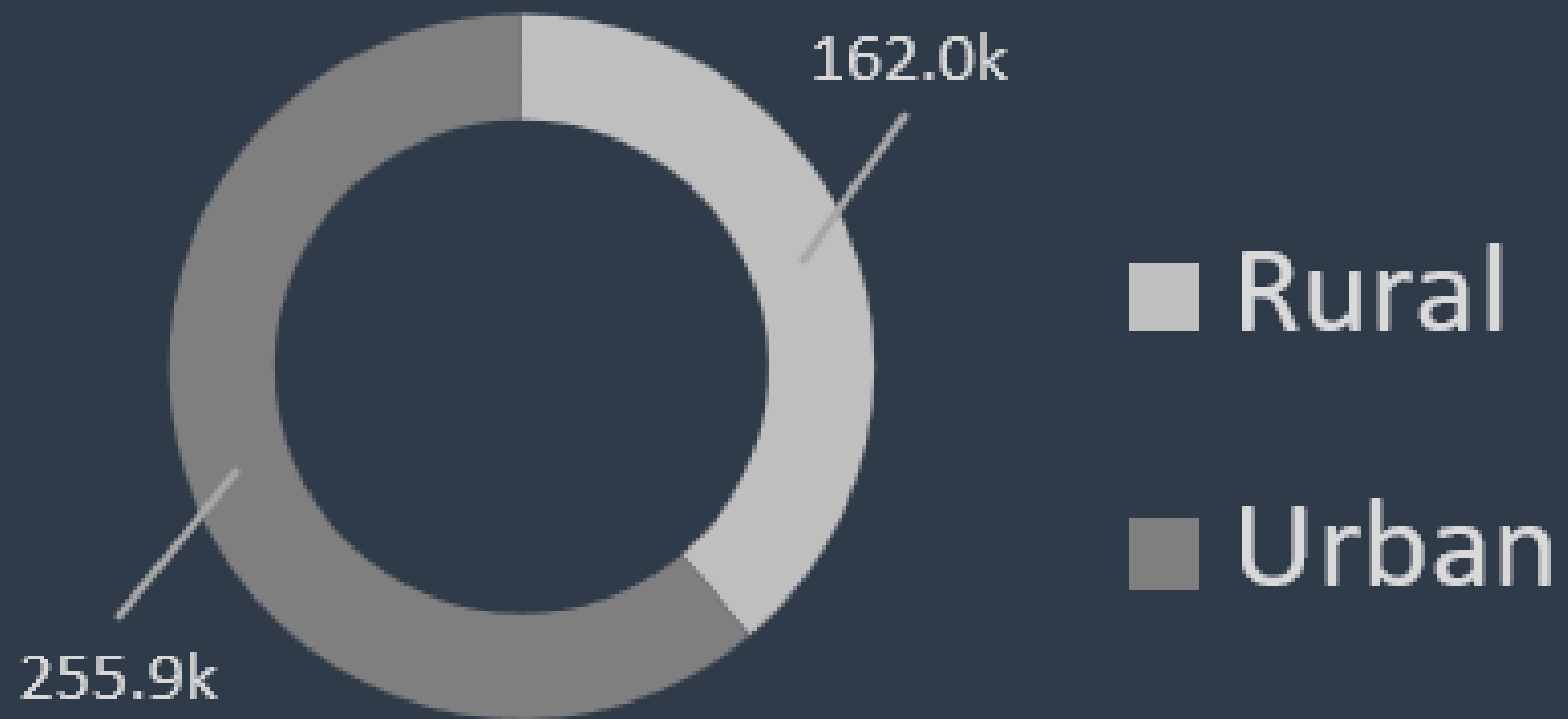


DISTRIBUTION OF CASUALTIES BY ROAD SURFACE

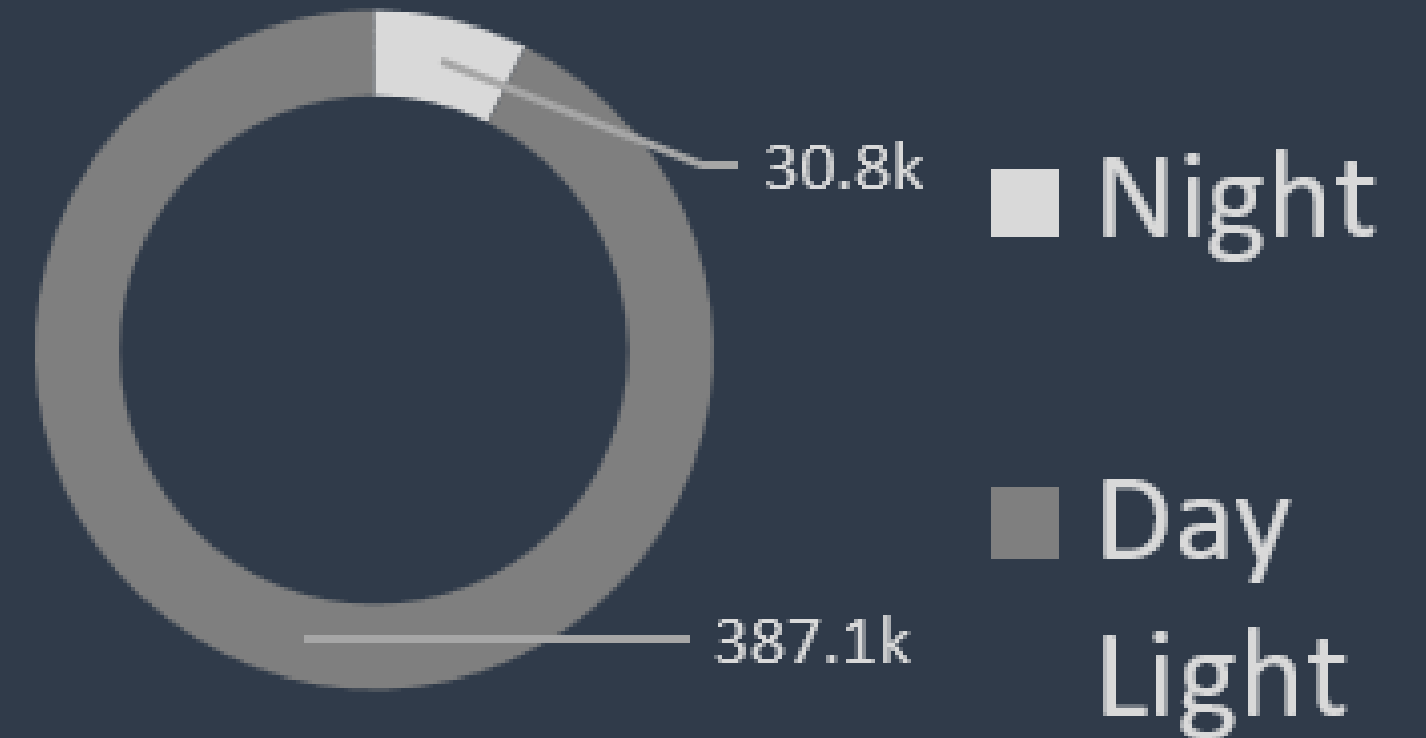


CASUALTIES BY AREA/LOCATION AND TIME OF DAY

Casualties By Area



Casualties By Light Conditions



The background is an abstract composition of overlapping, semi-transparent geometric shapes, primarily triangles and rays, radiating from two points on the left. The color palette is soft and pastel, featuring shades of light blue, lavender, pale green, and off-white. The overall effect is a sense of depth and movement, with the rays creating a starburst or sunburst-like pattern.

THANK YOU!