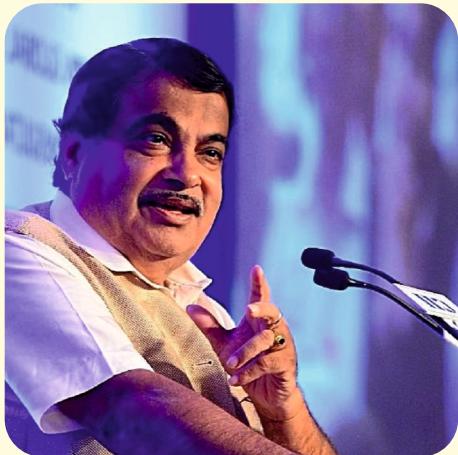


ROAD ACCIDENTS IN INDIA



2022



GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
(TRANSPORT RESEARCH WING)

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ROAD ACCIDENTS IN INDIA 2022

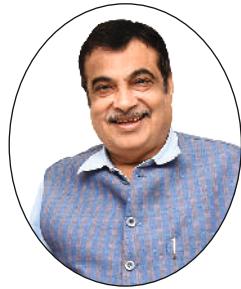


सत्यमेव जयते

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नितिन गडकरी

NITIN GADKARI



मंत्री
सड़क परिवहन एवं राजमार्ग
भारत सरकार
Minister
Road Transport and Highways
Government of India



Message

I address you today with utmost concern and determination as the Minister of Road Transport and Highways. The yearly publication on "Road Accidents in India -2022" has presented us with a stark reality that demands more attention and collective action. It is imperative that we come together to tackle this grave issue and ensure the safety of every individual on our roads.

It is indeed a matter of great concern that despite the continuous efforts of the government in this regard and our commitments for halving fatalities we have not been able to register significant progress on this front. As a responsible nation, it is our duty to address the underlying causes and work relentlessly towards creating a safer road environment.

We need to identify and tackle the root causes of road accidents in a comprehensive manner. Speeding, drunken driving, adherence to traffic rules, road infrastructure and enforcement mechanisms are some of the critical areas that demand immediate attention. Through a multi-pronged approach, we must strive to address these challenges effectively.

The Ministry of Road Transport and Highways is committed to implementing robust measures to curb road accidents. We are working tirelessly to improve road infrastructure, enhance road safety education, and strengthen enforcement mechanisms across the country. Our focus is on creating safer roads, ensuring better traffic management, and fostering a culture of responsible driving.

However, the responsibility to make our roads safer does not solely rest with the government or the concerned authorities. It is a shared responsibility that extends to each and every citizen of our great nation. I urge you all to prioritize road safety and be proactive in promoting responsible driving habits within your communities and families.

Let us raise awareness about the importance of adhering to traffic rules, using safety equipment such as seat belts and helmets, and avoiding dangerous driving practices. Educating our youth and instilling road safety values from a young age will go a long way in preventing accidents and creating a safer road environment.

I also appeal to the media, civil society organizations, and the private sector to actively collaborate with the government in our efforts to curb road accidents. By working together, we can amplify our impact and bring about tangible change in road safety.

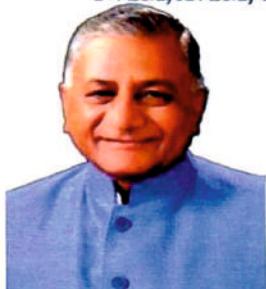
Let us remember that the cost of road accidents is borne not only by the victims and their family, but the economy as a whole in terms of untimely deaths, injuries, disabilities and loss of potential income. By preventing road accidents, we not only save lives but also contribute to the overall well-being and progress of our nation.

I call upon each one of you to join hands with us in our mission to make our roads safer. Let us drive with more responsibility, follow traffic rules, and prioritize the safety of ourselves and others as well. Together, we can create a future where road accidents are minimized and ensure every journey on road is a safe one.

(Nitin Gadkari)

जनरल (डा.) विजय कुमार सिंह
पीवीएसएम, एवीएसएम, वाईएसएम (से.नि.)

GEN. (DR) VIJAY KUMAR SINGH
PVSM, AVSM, YSM (Retd)



राज्य मंत्री
सड़क परिवहन, राजमार्ग;
एवं नागर विमानन मंत्रालय
भारत सरकार
Minister of State for
Road Transport, Highways;
and Civil Aviation
Government of India

Message

It is with great concern, that I address you today regarding the issue of road accidents in our country. As the Minister of State for the Ministry of Road Transport and Highways, I take it upon myself to bring this matter for immediate attention and seek support from the citizens of India for making collective efforts to ensure road safety.

The publication of the “Road Accidents in India -2022” report has revealed some important facts on road accident which warrant immediate action. We need to curtail the number of road accident drastically to save loss of lives and injuries. It is a collective responsibility that falls upon each and every one of us to work towards reducing these incidents and ensuring the safety of all road users.

The report highlights the need for a comprehensive approach to address the various factors contributing to road accidents. We must tackle issues such as speeding, reckless driving, drunken drive and non-compliance with traffic rules and regulations. It is crucial that we strengthen our enforcement mechanisms, enhance driver education and training programs and invest in improving the condition of our roads.

It is also imperative that we create awareness among citizens about the importance of road safety. Education campaigns and outreach programs. This will play a vital role in instilling responsible behavior and a sense of shared responsibility on our roads. We must encourage citizens to adopt defensive driving practices, use seat belts, helmets and child restraints and strictly adhere to traffic rules at all times.

I assure you that the Ministry of Road Transport and Highways, along with other concerned stakeholders, is committed to implementing robust measures to address this issue. We are actively working on initiatives such as implementation of Modern Transportation Systems, promoting road safety audits and fostering collaborations with international organizations to learn from best practices worldwide. Other initiatives such as the integrated Road Accidents Data base (iRAD) to provide a real time data analysis in line with international practices. Scheme to set up automated vehicle inspection centers etc. are also some of the initiatives taken by the Ministry to reduce road accident.

However, I firmly believe that our efforts will only be successful with your active participation and support. I urge all citizens to prioritise road safety and join hands with us in creating a safer and more secured environment for everyone. Let us spread awareness, engage in responsible driving practices and report any violations or potential hazards that we come across.

Let us drive with caution and strive together to bring down the number of road accidents and fatalities.

[General (Dr.) V. K. Singh]

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अनुराग जैन, भा.प्र.से.
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Secretary



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Ministry of Road Transport & Highways
भारत सरकार / Government of India



FOREWORD

The publication on "Road Accident in India - 2022" presents a comprehensive analysis of the road accidents that occurred in the country in the year 2022. This publication brings in focus the significance of addressing road safety and the need to reduce the number of road accidents in India. Road accidents not only lead to loss of lives and cause immense pain and suffering to the victims and their families, but also adversely affect the GDP growth of the country. Therefore, it is crucial to develop a deeper understanding of the factors contributing to these accidents in order to implement effective measures for prevention.

Ministry of Road Transport & Highways is working towards various aspects such as driver behavior, safer road infrastructure and vehicle standards, better enforcement of traffic regulations, and the role of technology in accident prevention. The road accidents are multi-causal which require concerted efforts of all agencies of both Central and State Governments. Ministry, along with various other related organizations as well as stakeholders, has formulated a multi-pronged strategy to address the issue of road safety based on Education, Engineering (both roads and vehicles), Enforcement and Emergency Care.

The publication will serve as a valuable resource for policymakers, researchers, and stakeholders involved in road safety. It provides detailed insights into the various aspects of road accidents, including their causes, locations, and impact on different categories of road users. Through this publication, we aim to raise awareness about the gravity of the road accident situation in India and foster a culture of road safety among all stakeholders.

The publication is the result of extensive collaboration with various departments, agencies, and organizations involved in road safety at the national, state, and local levels. I express my sincere gratitude to all those who have contributed to this endeavor, and specially the research team for its diligent efforts.

I extend my best wishes to the whole team and hope that it will help us move to the safer roads in the country.

Date: 11.10.2023.

(Anurag Jain)

महमूद अहमद
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Acknowledgement

Road safety is an issue of great concern across the world. It has no demographic or geographic boundaries and impacts all countries, whether low, middle or high income. With rapid expansion of the road network, increasing number of vehicles and increase in average speed on roads, India is also witnessing a high number of road accidents and fatalities. This not only leads to significant human suffering, but also drains the GDP of the Country by claiming lakhs of economically productive lives.

2. Ministry of Road Transport & Highways (MoRTH) recognizes that road safety is a multifaceted challenge that demands a comprehensive approach. As we continue to face the ever-increasing complexity of India's road networks and traffic patterns, the need for robust data and analysis becomes even more apparent. This annual publication, 'Road Accidents in India,' serves as a crucial tool in our endeavor to tackle this challenge head-on. The significance of accurate and up-to-date road accident statistics cannot be overstated, as they are vital for implementing timely and appropriate measures and for shaping effective policies to address this highly critical concern.

3. I would like to acknowledge collaborative efforts of the officers and staff of the Transport Research Wing (TRW) and the Police Departments of all States and UTs. Their dedication and commitment have been instrumental in shaping this report. I'm grateful to the States/UTs and their Police Departments for their timely and precise data submissions, as well as to the various divisions within the MoRTH and other government agencies for their invaluable support in data collection.

4. We are also thankful to the numerous road safety organizations, non-governmental organizations and advocacy groups. Their unwavering dedication to reducing road accidents and raising awareness has played a pivotal role in this report's development. Their tireless work in the field and advocacy efforts have significantly impacted safety measures and support for accident victims.

5. I would also like to take this opportunity to acknowledge Shri Dinesh Kumar, DDG, who led the team, along with Shri C. Alagirisamy, Jt. Director, Shri Dinesh Kumar Gupta, Dy. Director, Shri Bikram Kumar Moharana, Asst. Director, and their dedicated TRW team for their vital contributions to this report. Special recognition is also extended to Pravin Kumar, JSO, Shri Akhil Jain, Consultant, and Shri Amit Kumar Jha, Young Professional for their substantial contributions to data collection and analysis.


(Mahmood Ahmed)

दिनेश कुमार
उप महानिदेशक एवं
मुख्य डेटा अधिकारी

Dinesh Kumar
Dy. Director General &
Chief Data Officer



सड़क परिवहन और राजमार्ग मंत्रालय
Ministry of Road Transport & Highways
भारत सरकार / Government of India



Preface

The present publication 'Road Accidents in India, 2022' aims to shed light on road accidents in India during 2022, examining the different categories of road accidents, fatalities and injuries and potential solutions to mitigate this ongoing crisis. India, with its vast population and diverse road networks, experiences a high number of road accidents annually. These accidents not only result in the loss of precious lives but also cause severe injuries and disabilities which leads to burden the health care system and the economy as well.

This publication provides data/information on various facets of road accidents in the country during the calendar year 2022. The document is divided into ten sections, taken together which covers almost all aspects of road accident namely, information relating to road accidents, its fatalities & causes, performance of million plus cities as well as various initiatives taken by the Governments etc.

The Section 1 of the report provides a brief profile of road accidents in India during 2022. The Section 2 gives details about the parameters of road accidents and fatalities by category of roads. The Section 3 gives insight about the various causes of road accidents in India in details. The Section 4 profiled road accidents fatalities in India. The Section 5 elaborates on inter - States comparison of accidents parameters. The Section 6 examines the performance of Million Plus Cities (Fifty in number) in respect of road accidents. The Section 7 elaborates on spatial and inter-temporal distribution of road accidents in the country. The Section 8 presents international comparison of road accidents. The Section 9 of the report details the initiatives taken by the Ministry which continues to implement a multi-pronged road safety strategy based on Education, Engineering (both of roads and vehicles), Enforcement and Emergency Care. Finally, the Section 10 provides a note on the methodology for accident data collection followed by TRW.

The report for the calendar year 2022 reveals that there were 4,61,312 incidences of road accidents during 2022 which claimed 1,68,491 lives and caused injuries to 4,43,366 persons. In 2022 increase have been recorded in all the three indicators. The number of road accidents, the number of persons killed and the number of injuries have been increased compared to previous year by 11.9%, 9.4% and 15.3% respectively. This year, as requested by Tamil Nadu and West Bengal, the reconciled data for both the states for the years (2017, 2018, 2019 & 2020) & (2015, 2016, 2017, 2019 & 2020) respectively have been incorporated in the report.

I sincerely hope that this publication serves as a catalyst for change, fostering awareness, and useful to policy makers, scholars, academia, civil society organizations and society at large for driving action to prevent road accidents. Together, let us strive towards a future where every road user can travel safely, confident in the knowledge that their journey will be free from harm. It is a continuous endeavor to improve the quality of road accidents data. We look forward to any suggestions in improving this document further.

(Dinesh Kumar)

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EXECUTIVE SUMMARY

The present volume of 'Road accidents in India - 2022' provides information on various facets of road accidents in the country during the calendar year 2022. It has ten sections and covers information relating to road accidents in the context of road length and vehicular population. Data/information provided in this report are sourced from police departments of States/Union Territories collected on calendar year basis in standardized formats as provided by the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) under the Asia Pacific Road Accident Data (APRAD) base project.

2. **Section 1**, of the report details with profile of Road accidents in India during 2022. The selected parameters of road accidents like number of accidents, fatalities, fatal accidents, injuries etc. along with long-term trend have been examined in this section. A total number of 4,61,312 road accidents have been reported by Police Departments of States and Union Territories (UTs) in the country during the calendar year 2022, claiming 1,68,491 lives and causing injuries to 4,43,366 persons.
3. **Section 2**, profiled parameters of road accidents and fatalities by category of roads. During 2022, a total of 4,61,312

accidents were recorded in the country, of which, 1,51,997 (32.9%) took place on the National Highways (NH) including Expressways, 1,06,682 (23.1%) on State Highways (SH) and the remaining 2,02,633 (43.9%) on Other Roads. Out of the total of 1,68,491 fatalities reported in 2022, 61,038 (36.2%) were on National Highways, 41,012 (24.3%) were on State Highways and 66,441 (39.4%) were on Other Roads. Out of the total, 1,55,781 fatal accidents reported in 2022, 55,571 (35.7%) were on National Highways, 37,861 (24.3%) were on State Highways and 62,349 (40%) were on Other Roads.

4. This Section elaborates on Top 10 States in number of accidents and fatalities on National Highways during 2022. Amongst the States, Tamil Nadu recorded the highest number of road accidents on National Highways in 2022, whereas, the number of persons killed in road accident was the highest in Uttar Pradesh.
5. The Supreme Court Committee had desired jurisdiction-wise details to be covered in respect of accidents and fatalities on National Highways. Accordingly, additional information had been sought from States in three additional formats and examined in detail in this Section.

6. **Section 3**, provides details on the causes of Road accidents in India. Road accidents are multi-causal and are often the result of interplay of various factors like (i) human error, (ii) road environment and (iii) vehicular condition. In 2022, under the category of Traffic Rule Violations, over speeding is a major killer, accounting for 71.2 percent of the persons killed followed by driving on the wrong side (5.4 %).
7. In respect of neighbourhoods categories, it reveals that 47.7 percent of accidents, 55.1 percent of death and 48.2 percent of injuries occurred in open area, i.e., locations which normally do not have any human activities in the vicinity. Under road feature category, 67 per cent of accidents took place on straight roads, whereas accidents on curved roads, pothole roads and steep grade together accounted for only 13.8 per cent of the total road accidents in 2022.
8. **Section 4**, profiled Road accident fatalities in India. In 2022, a total number of 1,68,491 road accident fatalities were reported by States/UTs which is higher than 2021 reported figure of 1,53,972. For the fourth consecutive year in 2022, the fatal road accident victims largely constitute young people in the productive age groups. Young adults in the age group of 18 - 45 years accounted for 66.5 per cent of victims during 2022. People in working age group of 18 – 60 years share 83.4 per cent of total road accident fatalities.
9. Among vehicle categories involved in road accidents, two-wheelers for the second consecutive year, accounted for the highest share in total accidents and fatalities during 2022. Light vehicles comprising of cars, jeeps and taxis together come at distant second. In terms of road-user categories, the share of two-wheeler riders in total fatality has been the highest (44.5%) during 2022 followed the Pedestrian road-users with 19.5 per cent of persons killed in road accidents.
10. **Section 5**, elaborates inter-States comparison of accident parameters. State wise distribution of number of accidents, fatalities and injuries have been highlighted in this Section. In respect of number of accidents, Tamil Nadu topped amongst the States, whereas Uttar Pradesh recorded the highest number of accident fatalities during 2022. Performance of selected accident parameters in respect of Top 10 States during 2022 has been examined in detail in this Section.
11. **Section 6**, examines the performance of Million Plus Cities (Fifty in number). During the year 2022, Million Plus Cities accounted for 16.6 per cent of the total number of accidents and 10.1 per cent of total accidents fatalities in the country. The Trends in Road accidents and fatalities in top 10 Million Plus Cities have been examined in this section.
12. **Section 7**, elaborates spatial and inter-temporal distribution of road accidents in

- the country. Both road accidents and accident-related killings are more of a rural phenomenon than an urban phenomenon. Hence, in 2022, about 68 per cent of road accidents death took place in rural area where as urban area accounted for 32 per cent of total accidents death in the country.
13. **Section 8**, elaborates the analysis of international comparison of road accidents based on the data of World Road Statistics, 2022 of International Road Federation.
14. **Section 9**, of the Report details with the initiatives taken by the Ministry which continues to implement a multi-pronged road safety strategy based on Education, Engineering (both of roads and vehicles), Enforcement and Emergency Care.
15. **Section 10**, provides a note on the methodology for accident data collection as followed by TRW. This has been done to familiarize the users of the data on the methodology followed by TRW and to convey that the methodology followed is in line with the internationally followed best practices on the subject. Data are collected by the TRW from the Police Departments of States/UTs in standardized formats as provided by UNESCAP under the APRAD base project. The detailed formats used for this purpose are provided in Appendix-I of the Report. The definitions of various terms used in the Report are given in Appendix-II.
16. This section addresses the challenges in terms of accident data collection, based only on Police reporting. It spells out the response of the Ministry to this problem by designing the Electronic Detailed Accident Report (e-DAR) project aided by World Bank Assistance to provide an 'integrated' and a "systemic" solution to problem of accidents in line with international practice. Basically, the Electronic Detailed Accident Report (e-DAR) project will enable capture of road accidents and geo-tagging of the same through app on mobile/ tablet by first responder, which is the police. The software of the project would provide back-end analytics as well as simultaneous linkage with multiple users (such as police, transport, highways, health authorities etc.). This will give real time syncing and updating of data base as well as development of a mobile application for Road accidents.
17. This section also provides a broad framework for accident data collection followed at international level covering EU, US, Australia, New Zealand, Korea, and Sweden to enable us to benchmark the Indian performance.

SECTION - 1

ROAD ACCIDENTS – PROFILE AND TRENDS

- 1.1. Road transport is the most cost-effective mode of transportation in India both for freight and passengers, keeping in view its level of penetration in populated area. Exposure to adverse traffic environment is high in India because of the unprecedented rate of motorization and growing urbanization fueled by high rate of economic growth. As a result, incidents of road accidents, traffic injuries and fatalities have remained high.
- 1.2. Road accidents are one of the leading cause of death globally and mainly occurs in the

age group of 15 to 49 years. During the calendar year 2022, road crashes in India claimed about 1.68 lakh lives and caused injuries to more than 4.4 lakh people. Road accidents being the result of inter-play of multiple factors, multipronged measures are needed to reduce the number of accidents and fatalities. Therefore, the Ministry of Road Transport and Highways has initiated a proactive policy approach towards road safety by incorporating active participation of all stakeholders across the country.

ROAD ACCIDENTS – AN OVERVIEW

- 1.3. A total number of 4,61,312 road accidents have been reported by States and Union Territories (UTs) during the calendar year 2022, claiming 1,68,491 lives and causing injuries to 4,43,366 persons. The number of road accidents in 2022 increased by 11.9 percent compared to previous year 2021. Similarly, the number of deaths and injuries on account of road accidents were also increased by 9.4 percent and 15.3 percent respectively (Table 1.1). These figures translate, on an average, into 1,264 accidents and 462 deaths every day or 53 accidents and 19 deaths every hour in the country.

- 1.4. During 2020-21, the country saw an unprecedented decrease in accident and fatalities (Table 1.1). This is primarily due to the unusual outbreak of Covid-19 pandemic and resultant stringent nationwide lockdown particularly during March-April, 2020 followed by gradual unlocking and phasing out of the containment measures. Accidents parameters have followed similar trend till 2019, sudden drastic fall occurred in 2020 was due to Covid-19 pandemic. It may be seen in Table 1.1; major indicators of accidents had increased in 2022 compared to 2021. Trend in total number of road accidents, person killed and injuries during 2018 to 2022 is presented in the Chart 1.1.

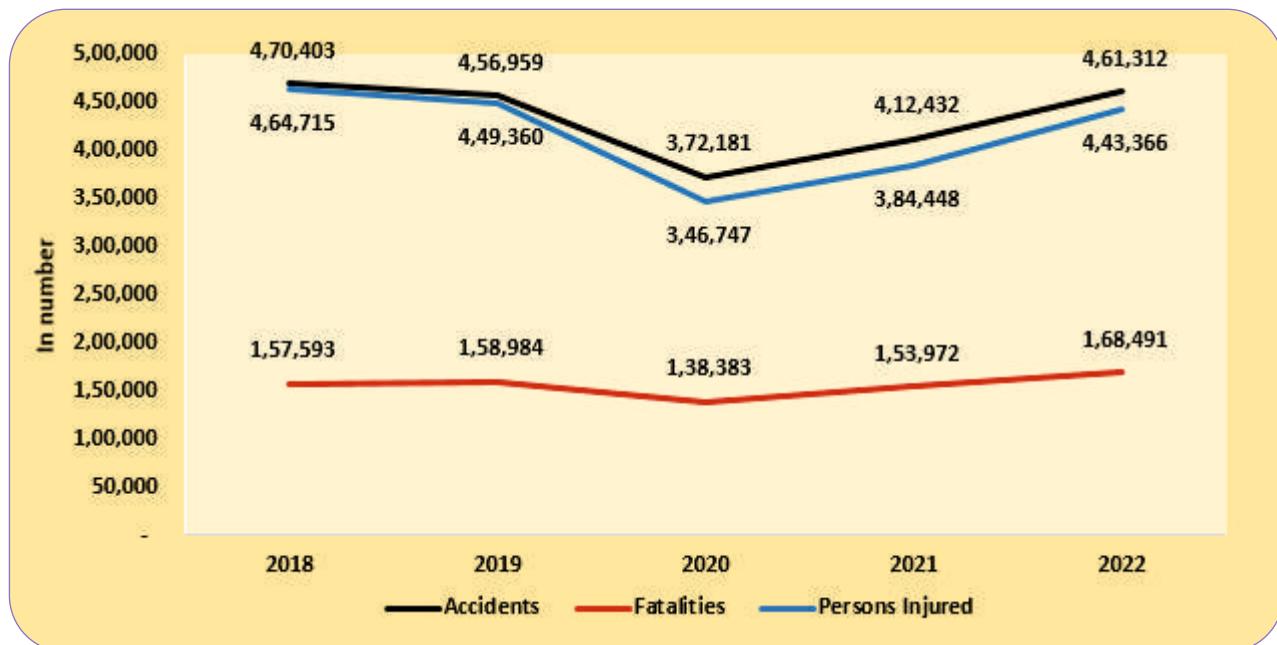
1.5 Amongst the States, Tamil Nadu with 64,105 accidents (13.9 %) recorded the highest number of road accidents in 2022 followed by Madhya Pradesh (54,432 i.e., 11.8%). Uttar Pradesh (22,595 i.e., 13.4 %) topped the States in respect of the number

of fatalities due to road accidents followed by Tamil Nadu (17,884 i.e., 10.6%). State wise details on road accidents are given at Section 5 of this report.

Table 1.1: Total number of Accidents, Fatalities and Persons Injured during 2018 to 2022

Year	Accidents	% change over previous period	Fatalities	% change over previous period	Persons Injured	% change over previous period
2018	4,70,403	0.2	157593	5.1	4,64,715	-0.6
2019	4,56,959	-2.9	1,58,984	0.9	4,49,360	-3.3
2020	3,72,181	-18.6	1,38,383	-13.0	3,46,747	-22.8
2021	4,12,432	10.8	1,53,972	11.3	3,84,448	10.9
2022	4,61,312	11.9	1,68,491	9.4	4,43,366	15.3

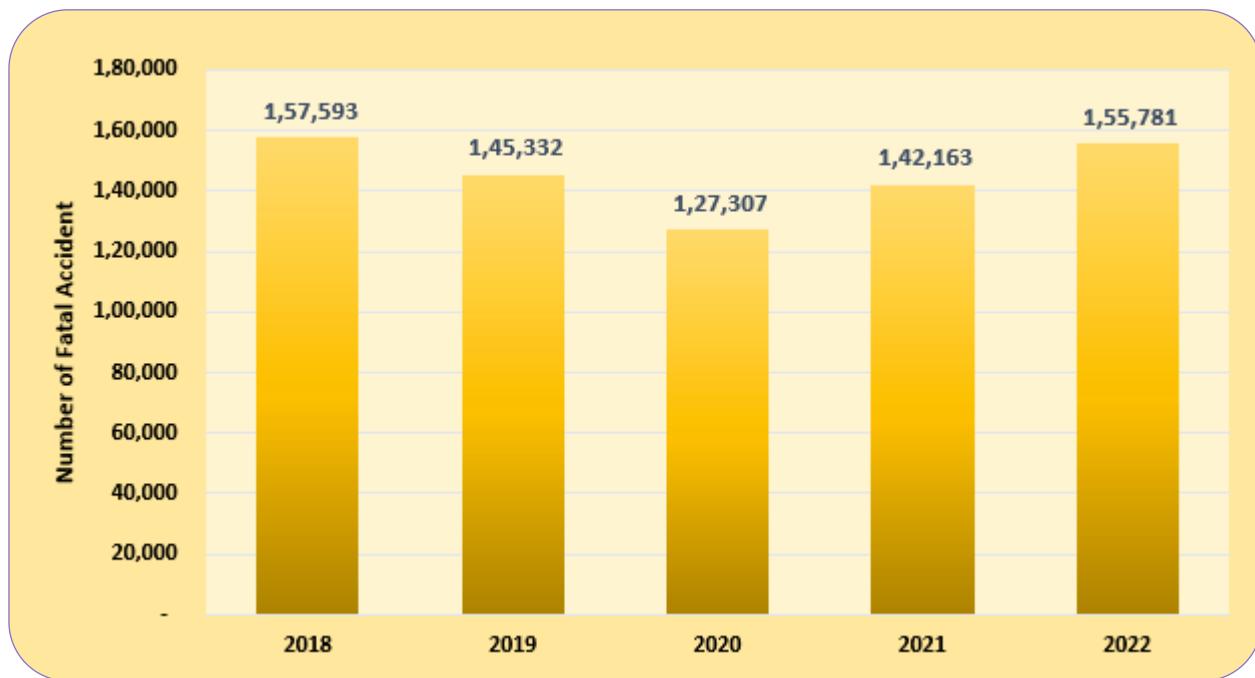
Chart 1.1: Trends in number of Accidents, Fatalities and Persons Injured: 2018 to 2022



1.6. Proactive approach towards road safety by Ministry and all stakeholders contributed to significantly over the years. The implementation of the Motor Vehicle Amendment Act 2019, which became effective from 1st September, 2019 is one of the proactive steps of the Ministry. The MVA Act 2019 included, inter-alia, provisions like stiff hike in penalties for traffic violations, electronic monitoring of the same, enhanced penalties for juvenile driving etc.

1.7. An accident, which results in death of one or more person, is a fatal accident. Total number of fatal road accidents had increased from 1,42,163 in 2021 to 1,55,781 in 2022, registering an increase of 9.6 percent corresponding to same period last year (Chart 1.2). Fatal accidents constitute 33.8 percent of total accidents during 2022.

Chart 1.2: Trends in the number of Fatal Accidents: 2018-2022



Data Source: States/UTs (Police Departments).

PROFILE OF ROAD ACCIDENTS

1.8. During 2022, a total of 4,61,312 accidents were reported by all States/UTs, of which, 1,55,781 (33.8 %) were fatal accidents. The number of persons killed in road accidents were 1,68,491 and caused injury to 4,43,366 persons (Table.1.2). Total number of Road Accidents registered an increase by

11.9% in 2022 compared to the previous year 2021. The number of persons killed and the number of persons injured had also increased by 9.4% and 15.3% respectively in 2022 as compared to the year 2021 (Table 1.2).

Table 1.2: Major Parameters of Road Accidents- 2022 vis-à-vis 2021

Parameter	2021	2022	% Change
Number of Accidents	4,12,432	4,61,312	11.9
Number of Persons killed	1,53,972	1,68,491	9.4
Number of Injury	3,84,448	4,43,366	15.3
Accident Severity (Persons killed per 100 accidents)	37.3	36.5	2.14

1.9. Category wise distribution of accidents and fatalities reveals that the Highways with around 5 percent of total road network in the country accounted for more than 55 percent of total accidents and more than 60 percent of fatalities which needs attention

(Chart 1.3). During the year 2022, 32.9 percent of total accidents and 36.2 percent of total person killed on National Highways (table 1.3). Details of accidents, person killed and injuries by category of roads are given in Section 2 of this report.

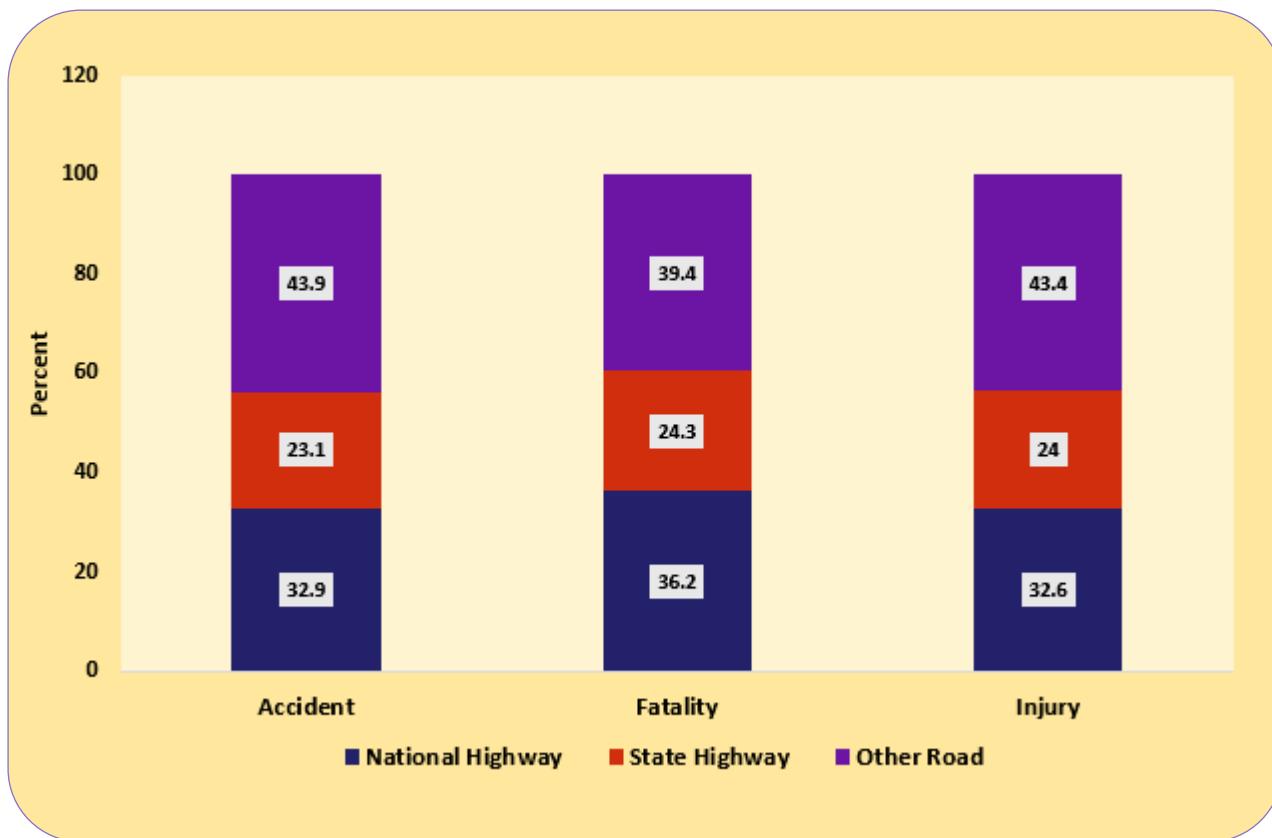
Table 1.3: Total number of Accidents, Persons Killed and Injured by categories of Roads during 2022

Category of Road	Accidents	Killed	Injured	Road Length as on 31.03.2019
National Highways	1,51,997	61,038	1,44,352	1,32,499
<i>% share in total</i>	<i>32.9</i>	<i>36.2</i>	<i>32.6</i>	<i>2.1</i>
State Highways	1,06,682	41,012	1,06,485	1,79,535
<i>% share in total</i>	<i>23.1</i>	<i>24.3</i>	<i>24</i>	<i>2.8</i>
Other roads	2,02,633	66,441	1,92,529	60,19,723
<i>% share in total</i>	<i>43.9</i>	<i>39.4</i>	<i>43.4</i>	<i>95.1</i>
All Roads	4,61,312	1,68,491	4,43,366	63,31,757

Data Source: States/UTs (Police Departments)

Road Length- Basic Road Statistics of India, 2018-19

Chart 1.3: Categories of Roads Accidents, Fatalities and Injuries during 2022 (in percent)



TYPE OF ROAD ACCIDENTS

1.10. A road accident may cause loss of life/lives, grievous injury, minor injury or non-injury to road-users. An accident which resulted in death of one or more person is a fatal accident. Grievous injury accident is one in which one or more victims suffer serious injury requiring hospitalization (not necessarily in terms of IPC definition of grievous injury). Minor injury accident is when victim(s) does not require hospitalization.

1.11. During the year 2022, a total of 4,61,312 accidents were recorded, of which 1,55,781 (33.8%) were fatal accidents,

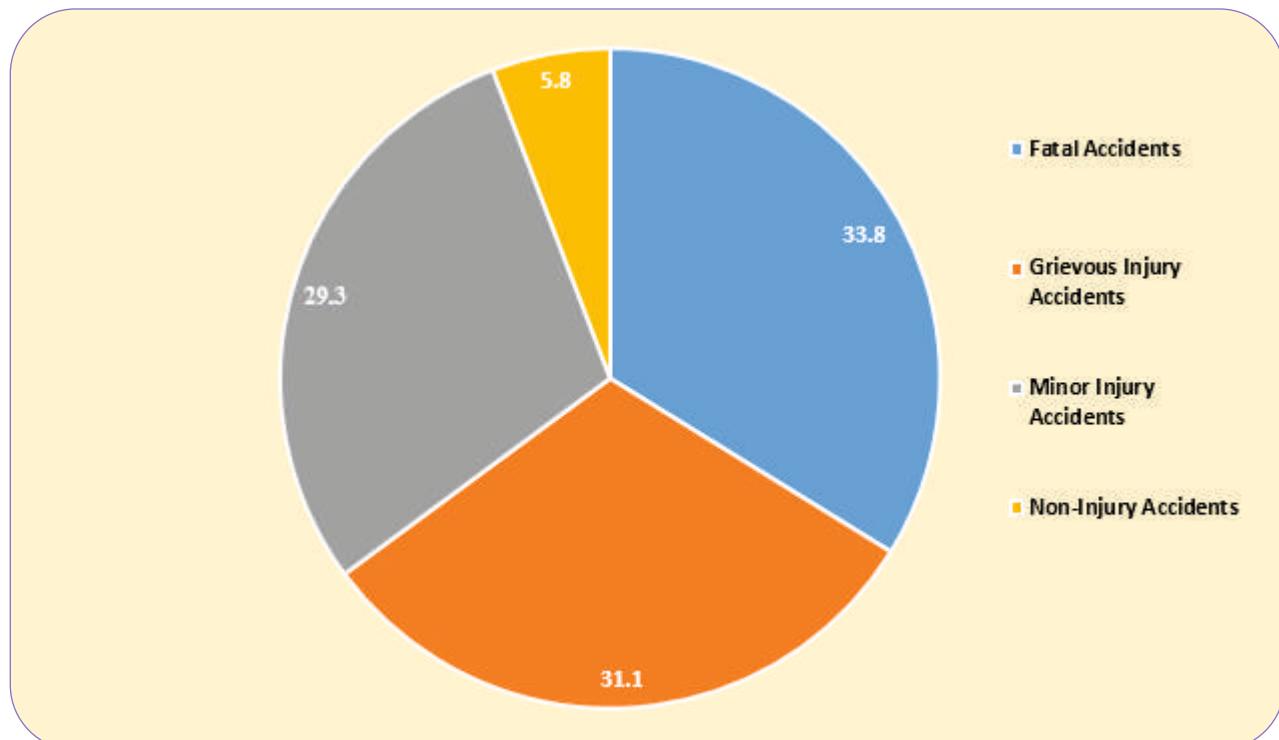
2,78,734 (60.4%) were injury (minor and grievous) causing accidents. Among injury causing accidents, 1,43,374 (31.1%) were grievous and 1,35,360 (29.3%) were minor injury causing accidents (Chart 1.4). As compared to the previous year, there is an increase in total number of fatal accidents, minor accidents and non-injury accidents in 2022 (table 1.4). Chart 1.4 depicts that fatal and grievous injury accidents together accounted for over 65 percent of total accidents during 2022. State-wise details of Road Accidents can be seen at **Annexure 7**.

Table 1.4: Type of Road Accidents: 2018 to 2022

Type of road accident	Parameter	2018	2019	2020	2021	2022
Fatal Accidents	Number	1,43,738	1,45,332	1,27,307	1,42,163	1,55,781
	% Change	6.6	1.11	-12.4	11.7	9.6
	%share in total	30.6	31.8	34.2	34.5	33.8
Grievous Injury Accidents	Number	1,50,284	1,51,335	1,12,768	1,26,394	1,43,374
	% Change	19.5	0.7	-25.5	12.1	13.4
	%share in total	31.9	33.1	30.3	30.6	31.1
Minor Injury Accidents	Number	1,41,500	1,31,555	1,10,314	1,19,633	1,35,360
	% Change	-18.9	-7	-16.1	8.4	13.1
	%share in total	30.1	28.8	29.6	29	29.3
Non-Injury Accidents	Number	34,881	28,737	21,792	24,242	26,797
	% Change	0.4	-17.6	-24.2	11.2	10.5
	%share in total	7.4	6.3	5.9	5.9	5.8
Total	Number	4,70,403	4,56,959	3,72,181	4,12,432	4,61,312
	% Change	1.2	-2.9	-18.6	10.8	11.9

Data Source: States/UTs (Police Departments).

Chart 1.4: Type of Road Accidents in 2022 (in percent)



NATURE OF ROAD ACCIDENTS

- 1.12. Nature of accident or collision types at aggregate national level data shows an increase in 2022 compared to 2021. 'Hit from Back' accounted for the largest share in total accidents death (19.5%), followed by 'Hit and Run' and 'Head on Collision' which account for 18.1% and 15.7% respectively. 'Hit from Back' accounted for the largest share in total accidents (21.4%), followed by 'Head on Collision' and 'others' which account for 16.9% and 16.5% respectively.
- 1.13. The other major types of collision which caused death is 'hit from side' (12.1 %). The Motor Vehicle Amendment Act 2019 provides enhanced rates of Rs. 2,00,000 on the death of a victim in Hit and Run as against Rs 25,000 earlier as

compensation. A hit from the back or a rear-end collision occurs when a vehicle crashes into the one in front of it. Common factors contributing to rear-end collisions may be due to driver's lack of attention or distraction, tailgate (to drive or follow closely behind another vehicle or person), panic stops and reduced traction due to wet weather or worn pavement etc.

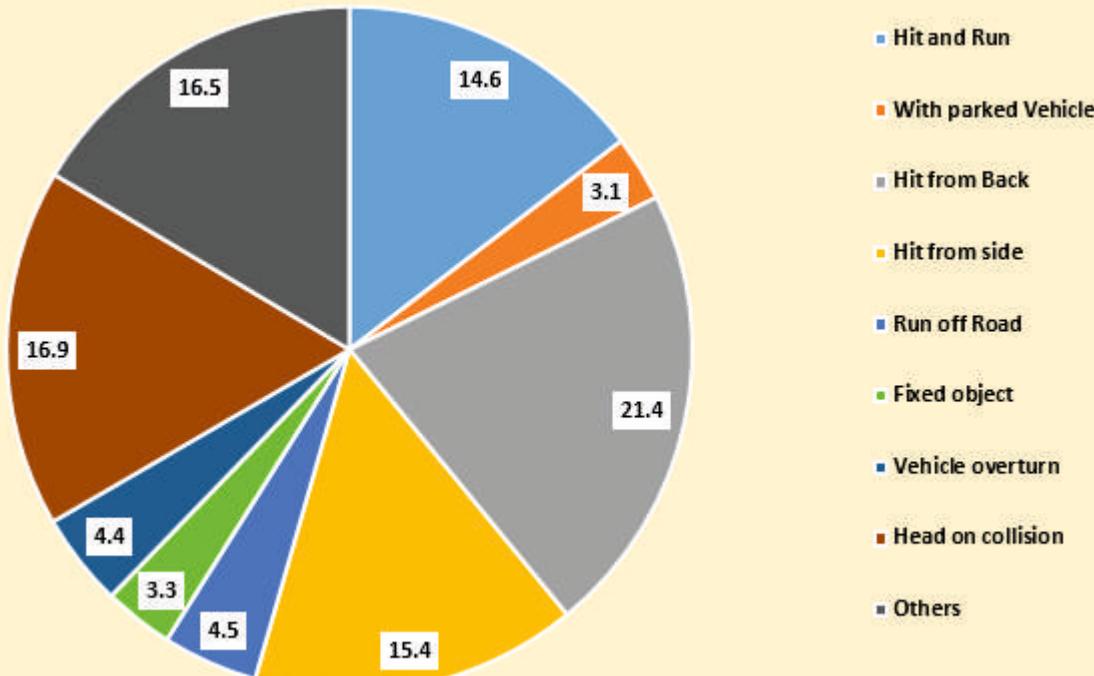
- 1.14. Other categories like "Run off the Road" may happen because of loss of control by the driver. This may be due to excessive or inappropriate speed, distraction, misjudging a curve, attempting to avoid collision with another road user or an animal.

Table 1.5: Road Accidents by type of collision- 2022 vis-à-vis 2021

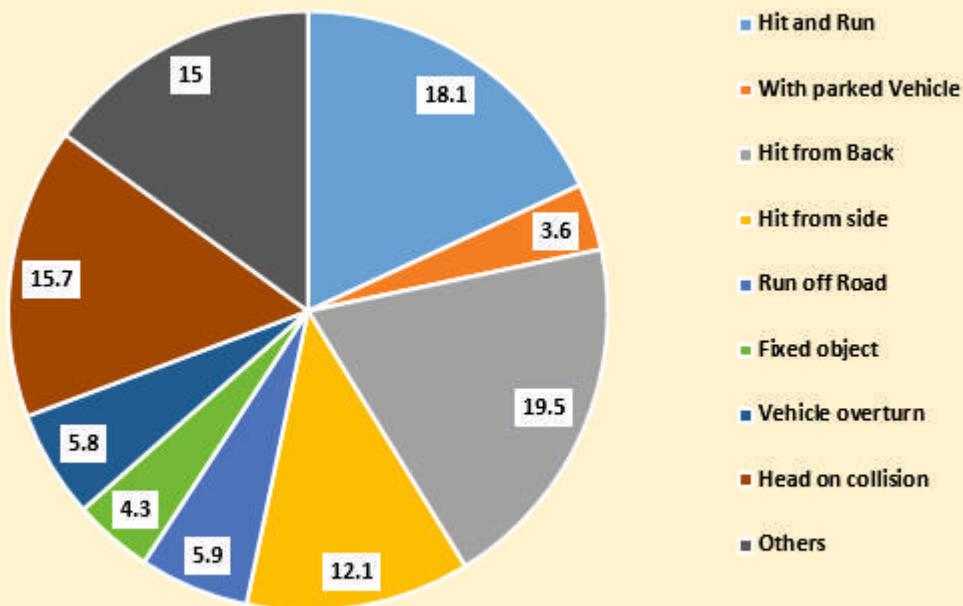
Type of collision	2021			2022			% change in 2022 over 2021		
	Accidents	Killed	Injured	Accidents	Killed	Injured	Accidents	Killed	Injured
Hit and Run	57,415	25,938	45,355	67,387	30,486	54,726	17.4	17.5	20.7
% share	13.9	16.8	11.8	14.6	18.1	12.3			
With parked Vehicle	11,611	4,925	10,302	14,139	6,012	12,666	21.8	22.1	22.9
% share	2.82	3.2	2.68	3.1	3.6	2.9			
Hit from Back	87,368	28,712	81,800	98,668	32,907	95,241	12.9	14.6	16.4
% share	21.2	18.6	21.3	21.4	19.5	21.5			
Hit from side	60,221	18,299	59,396	71,146	20,357	72,190	18.1	11.2	21.5
% share	14.6	11.9	15.4	15.4	12.1	16.3			
Run off Road	19,478	9,150	19,077	20,590	9,862	20,170	5.7	7.8	5.7
% share	4.7	5.9	5.0	4.5	5.9	4.5			
Fixed object	14,436	6,600	12,665	15,368	7,307	14,829	6.5	10.7	17.1
% share	3.5	4.3	3.3	3.3	4.3	3.3			
Vehicle overturn	19,303	9,122	19,336	20,070	9,827	21,138	4.0	7.7	9.3
% share	4.7	5.9	5.0	4.4	5.8	4.8			
Head on collision	76,304	27,248	78,502	77,886	26,413	83,580	2.1	-3.1	6.5
% share	18.5	17.7	20.4	16.9	15.7	18.9			
Others	66,296	23,978	58,015	76,058	25,320	68,826	14.7	5.6	18.6
% share	16.1	15.6	15.1	16.5	15.0	15.5			
Total	4,12,432	1,53,972	3,84,448	4,61,312	1,68,491	4,43,366	11.9	9.4	15.3

Chart 1.5: Road Accidents, Fatalities and Injuries by Type of Collision (in percent)

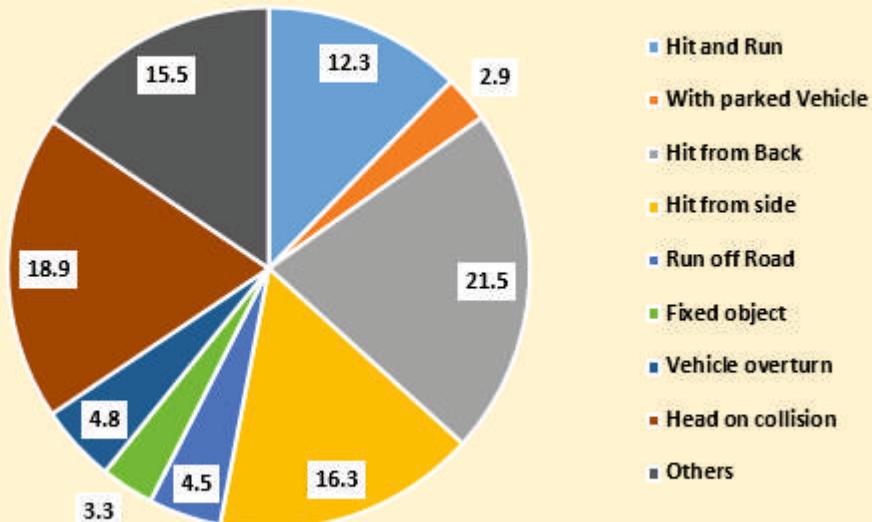
(a). Percentage share of different 'Type of Collision' in total Accidents in 2022



(b). Percentage share of different 'Type of Collision' in total fatalities in 2022



(c). Percentage share of different 'Type of Collision' in total injury in 2022



LONG TERM TRENDS

1.15. The data from 2005 to 2022 does not reveals much fluctuation in road accidents and road accident injury over the years. However, number of fatal

accidents and numbers of persons killed in road accident increasing since 2005. Decadal trend given in the Chart 1.6 reveals increasing trend in number of accidents, person killed and injuries.

Table 1.6: Long term trends in major Parameters of Road Accidents (2005 – 2022)

Year	Number of accidents		Number of persons		Severity*
	Total	Fatal	Killed	Injured	
2005	4,39,255	83,491 (19.0)	94,968	4,65,282	21.6
2006	4,60,920	93,917 (20.4)	1,05,749	4,96,481	22.9
2007	4,79,216	1,01,161 (21.1)	1,14,444	5,13,340	23.9
2008	4,84,704	1,06,591 (22.0)	1,19,860	5,23,193	24.7
2009	4,86,384	1,10,993 (22.8)	1,25,660	5,15,458	25.8
2010	4,99,628	1,19,558 (23.9)	1,34,513	5,27,512	26.9
2011	4,97,686	1,21,618 (24.4)	1,42,485	5,11,394	28.6

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Table 1.6 Contd...

Year	Number of accidents		Number of persons		Severity*
	Total	Fatal	Killed	Injured	
2012	4,90,383	1,23,093 (25.1)	1,38,258	5,09,667	28.2
2013	4,86,476	1,22,589 (25.2)	1,37,572	4,94,893	28.3
2014	4,89,400	1,25,828 (25.7)	1,39,671	4,93,474	28.5
2015	5,05,770	1,32,138 (26.3)	1,46,555	5,03,608	29.0
2016	4,84,756	1,36,459 (28.3)	1,51,192	4,97,806	31.2
2017	4,69,242	1,34,796 (29.0)	1,50,003	4,67,389	31.8
2018	4,70,403	1,37,726 (29.5)	1,57,593	4,64,715	32.4
2019	4,56,959	1,45,332 (31.8)	1,58,984	4,49,360	34.8
2020	3,72,181	1,27,307 (34.2)	1,38,383	3,46,747	37.2
2021	4,12,432	1,42,163 (34.5)	1,53,972	3,84,448	37.3
2022	4,61,312	1,55,781 (33.8)	1,68,491	4,43,366	36.5

Figures in the parentheses indicate % share of Fatal accidents in Total Accidents

*Number of persons killed per 100 accidents

Table 1.7 (a): Decadal trends of Road Accidents, Registered Vehicles and Road Length in India (1970-2020)

Year	Road Accidents ('000)	Road Accident Deaths ('000)	Road Accident Injuries ('000)	Registered Vehicles ('000)	Road Length (000 km)	death rate (no. of accident deaths per 10,000 vehicles)	Vehicle density (no. of vehicles per km of road)
1970	114	15	70	1401	915 [@]	103.5	1.54
1980	153	24	109	4,521	1,485 [#]	53.1	3.04
1990	283	54	244	19,152	1,983	28.2	9.65
2000	391	79	399	48,857	3,316	16.2	14.73
2010	500	135	528	1,27,746	4,582	10.5	27.87
2020	372	138	347	3,26,299	6,331 [*]	4.2	51.54

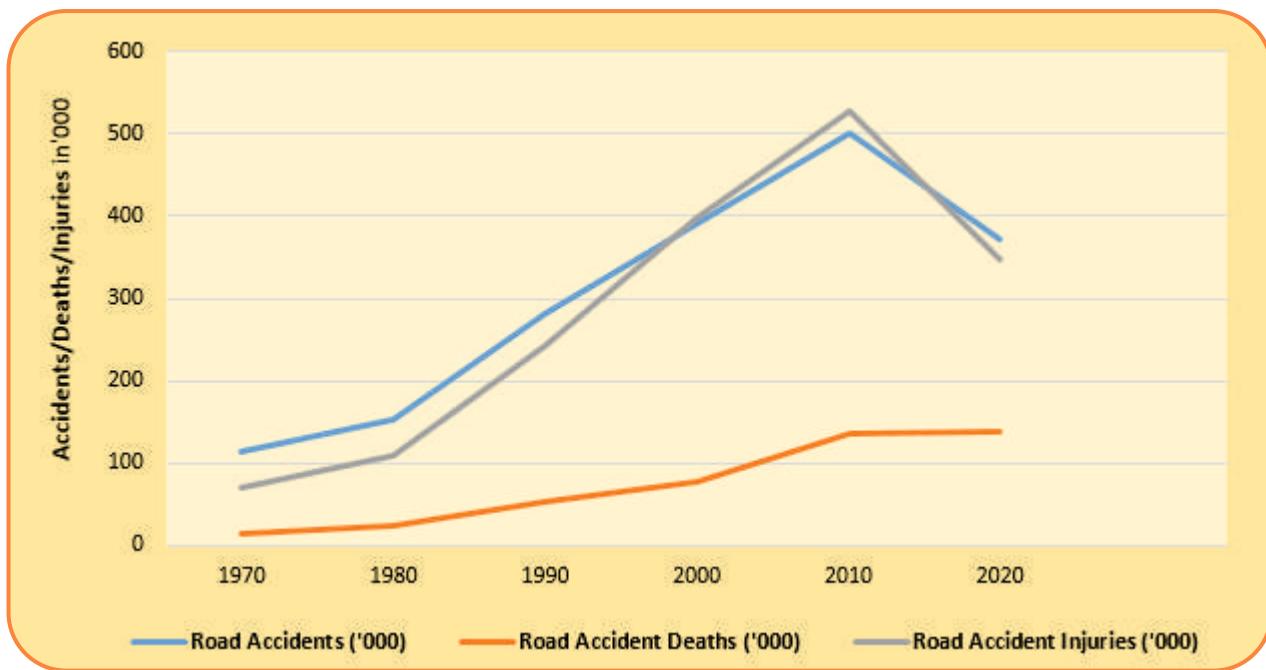
@ Data is for the year 1971, # Data is for the year 1981 and * Data is for the year 2018-19

Table 1.7 (b): Road Accidents, Registered Vehicles and Road Length in India (2012-2022)

Year	Road Accidents ('000)	Road Accident Deaths ('000)	Road Accident Injuries ('000)	Registered Vehicles ('000)	Road Length ('000 km)	Death rate (no. of accident deaths per 10,000 vehicles)	Vehicle density (no. of vehicles per km of road)
2011	498	142	511	1,41,866	4,677	10.0	30.3
2012	490	138	510	1,59,491	4,865	8.7	32.8
2013	486	138	495	1,76,044	5,232	7.6	34.7
2014	489	140	493	1,90,704	5,402	7.3	35.3
2015	506	146	504	2,10,023	5,472	7.0	38.4
2016	485	151	498	2,30,031	5,603	6.6	41.1
2017	469	150	467	2,53,311	5,898	5.9	43.0
2018	470	158	465	2,72,587	6,215	5.8	43.9
2019	456	159	449	2,95,772	6,332	5.4	46.7
2020	372	138	347	3,26,299	NA	4.2	NA
2021	412	154	384	NA	NA	NA	NA
2022	461	168	443	NA	NA	NA	NA
CAGR 2012-22	-0.61	2.00	-1.38				

NA: Not Available

Chart 1.6: Decadal Trend in the number of Road Accidents, Deaths and Injuries: 1970-2020

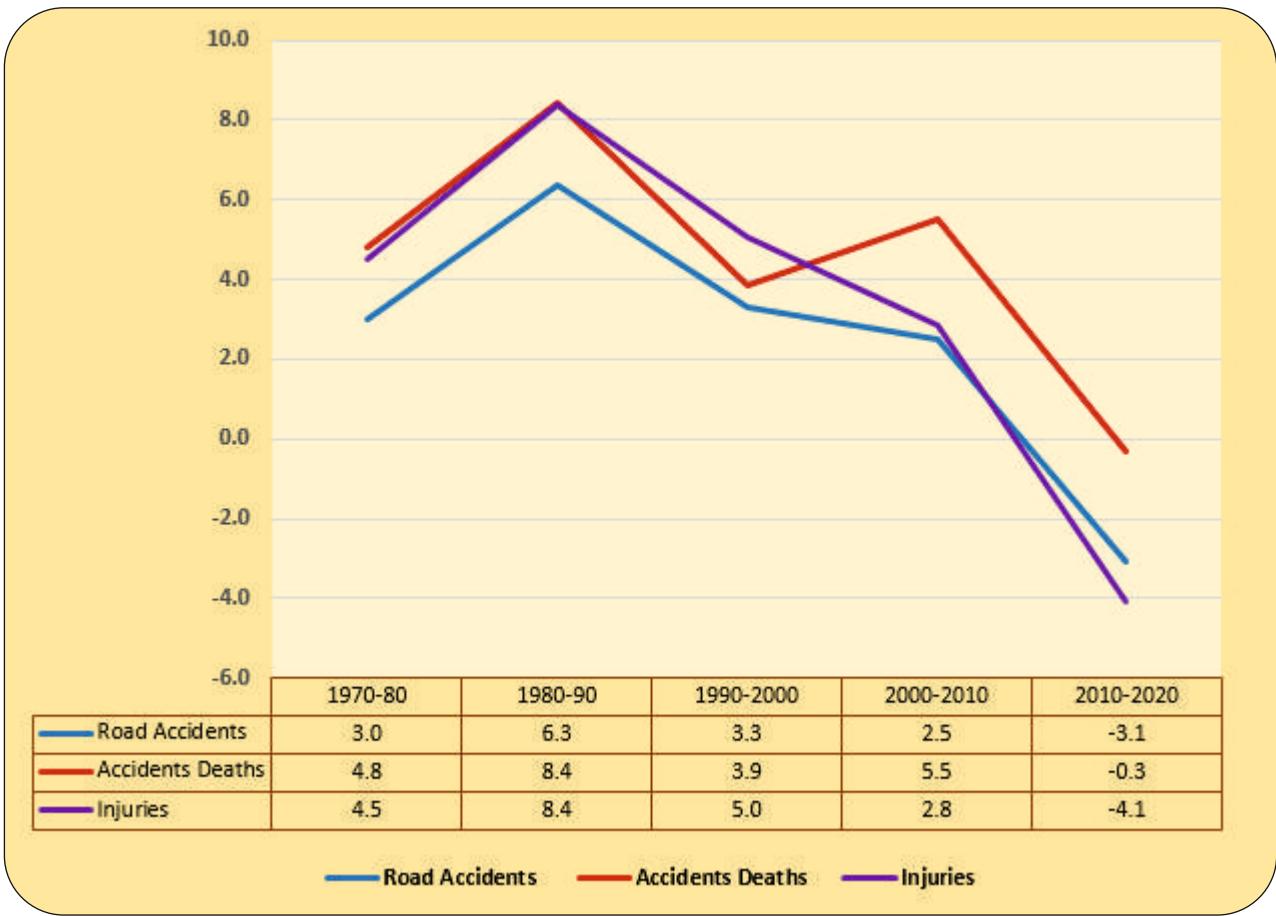


Note: In 2020, reduction in Road Accidents, death and injuries have been recorded, which is due to restriction imposed on movement of vehicle across the country on account of COVID pandemic

1.16. Decadal Growth Rate Road Accidents, death and injuries shown in the Chart 1.7 portrays that road accidents, death and injuries had peaked during 1980-1990. Subsequently, the growth rate of all the

three indicators had declined over the decades. During the current decade, road accidents, fatalities and injuries recorded a decline in growth and turned to negative growth (Chart 1.7).

Chart 1.7: Decadal CAGR of Road Accidents, Deaths and Injuries (1970-2020)



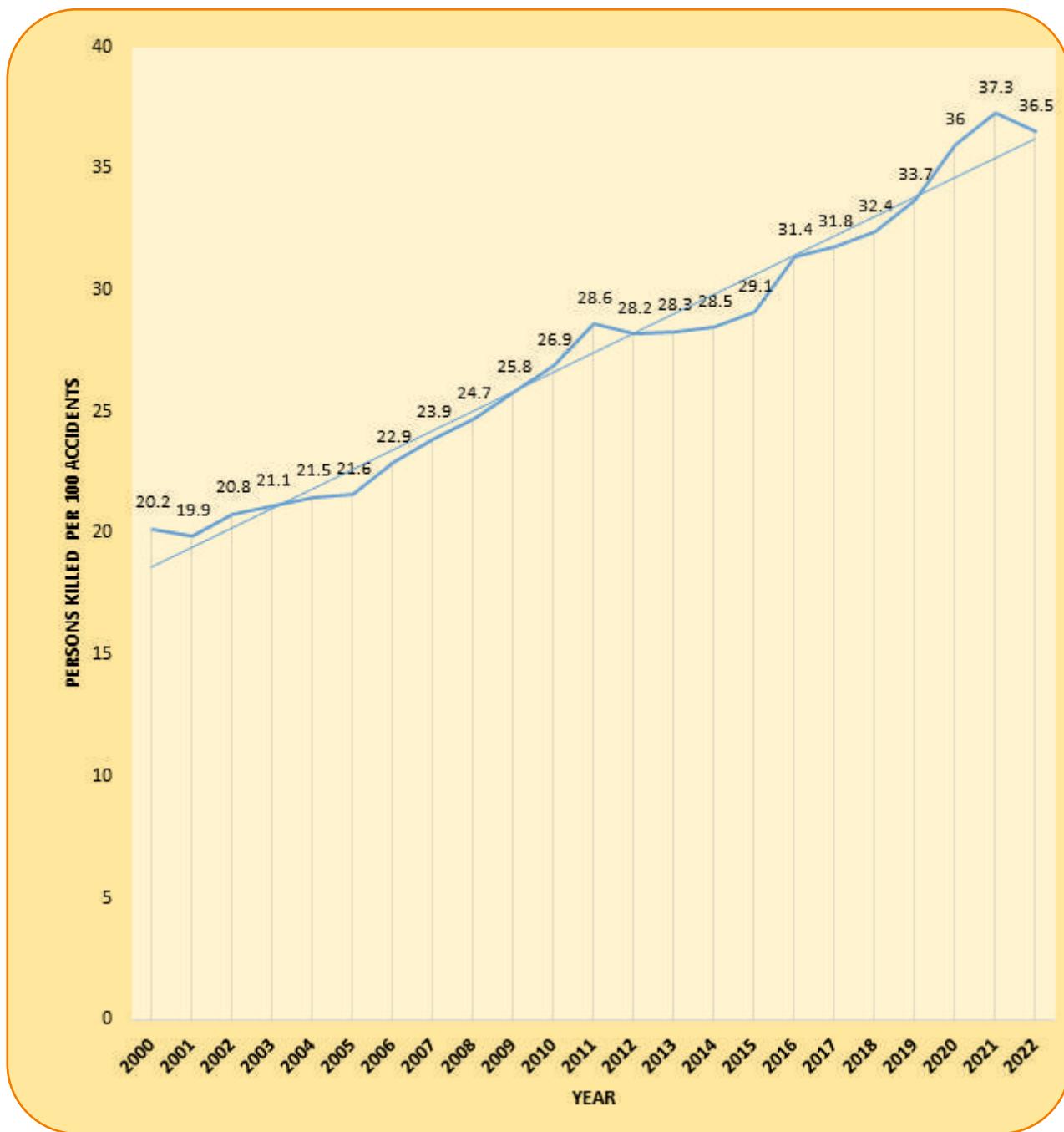
Note: In 2020, reduction in Road Accidents, fatalities and injuries have been recorded, which is due to restriction imposed on movement of vehicle across the country on account of COVID pandemic.

ACCIDENT SEVERITY

1.17. Road accident severity measured by the number of persons killed per 100 accidents had slightly decreased to 36.5 in 2022 from 37.3 in 2021 (Chart 1.8). Despite some marginal fluctuations, the accidents severity had been on increase since 2000. It underscores the need for improved trauma care and traffic calming measures which aimed at

reducing crash impact parameters. Distribution of accident severity across the States/UTs given in Chart 1.9 reveals that Mizoram (85) recorded highest accident severity followed by Bihar (82.4) and Punjab (77.5) in 2022. About 60 percent of States recorded accident severity higher than the national average of 36.5.

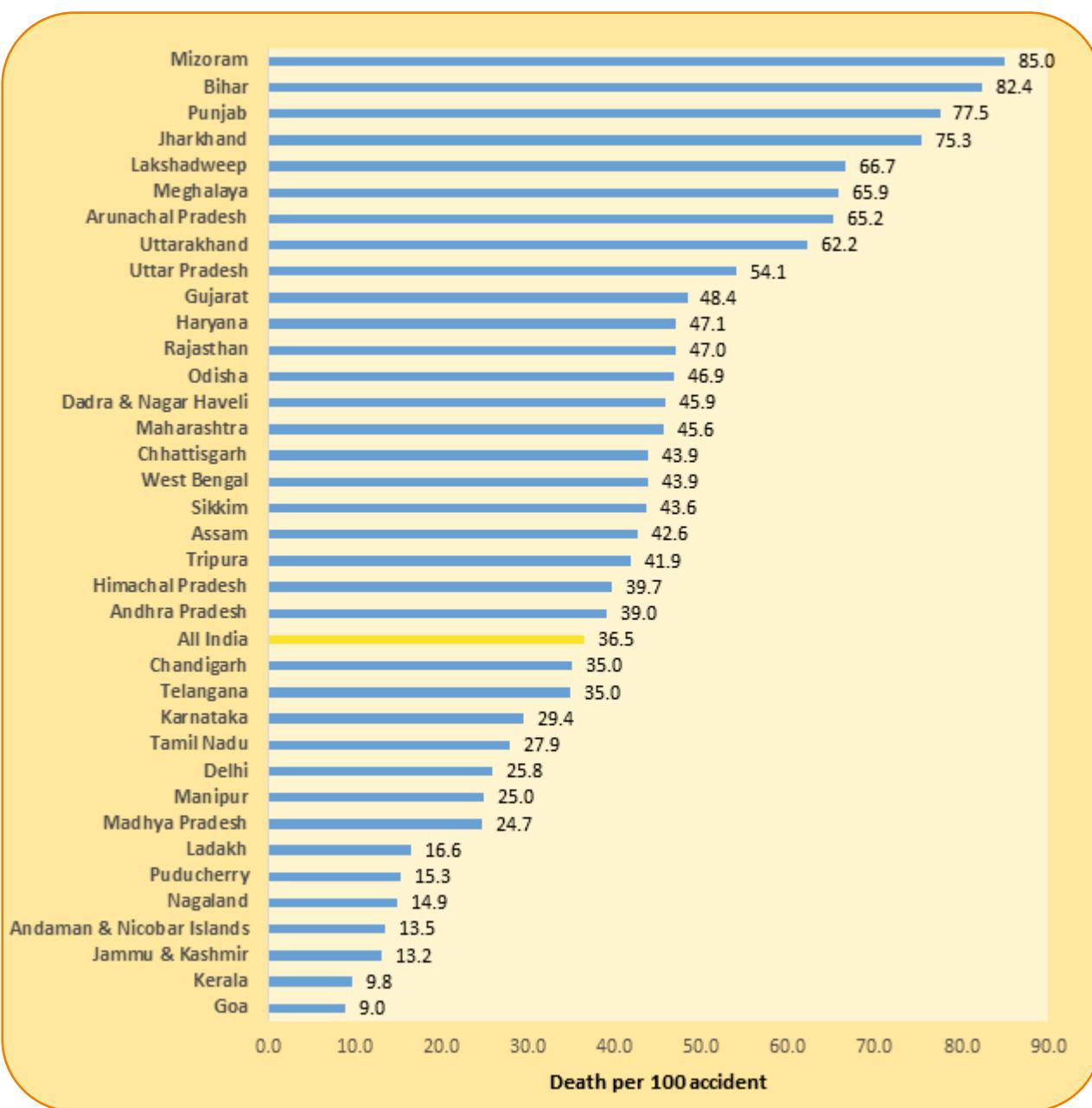
Chart 1.8: Road accidents severity during 2000 to 2022



1.18. The States such as, Madhya Pradesh, Karnataka, Kerala, Tamil Nadu and Telangana with highest share of accidents and fatalities in 2022, registered accident severity rate lower than all India average. Uttar Pradesh,

Maharashtra, Gujarat, Rajasthan and Andhra Pradesh recorded top amongst the States in number of accident and fatalities, shown accidents severity rates higher than national average.

Chart 1.9: Accident Severity across the State/UTs during 2022



Analysis of Road Accidents and Deaths, Registered Vehicles and Road Length

1.19. The broad trend beginning from 1970 to 2020 in terms of road accidents, deaths, injuries, registered vehicles, road length and other derived parameters are indicated in the Tables 1.7(a) and 1.7(b)

Normalized indicators of Road Accidents- Long run Trends

1.20. An analysis has been done on the normalized indications of accidents and accident-related deaths over the years by the population and number of vehicles as given in the Table 1.8.

Table 1.8: Indicators of accidents and accident related deaths over the years normalized by the population and number of vehicles (1970 – 2022)

Years	Population of India (in thousands)	Road Accident Risk(normalized for pop)*	Road accident death Risk (normalized for pop)\$	Total Number of Registered Motor Vehicles (in thousands)	Road Accident Rate (normalized for vehicles)#+	Road Accident Death Rate (normalized for vehicles)##	Vehicle Density\$\$
1	2	3	4	5	6	7	8
1970	5,39,000	21.2	2.7	1,401	814.4	103.5	1
1980	6,73,000	22.8	3.6	4,521	338.9	53.1	3
1990	8,35,000	33.8	6.5	19,152	147.6	28.2	10
1994	9,04,000	36.0	7.1	27,660	117.8	23.3	10
1995	9,24,359	38.1	7.7	30,295	116.2	23.4	10
1996	9,41,579	39.4	7.9	33,786	109.9	22.1	11
1997	9,59,792	38.9	8.0	37,332	100.1	20.6	11
1998	9,78,081	39.4	8.2	41,368	93.1	19.3	13
1999	9,96,130	38.8	8.2	44,875	86.1	18.3	14
2000	10,14,825	38.6	7.8	48,857	80.1	16.2	15
2001	10,28,610	39.4	7.9	54,991	73.8	14.7	16
2002	10,45,547	39.0	8.1	58,924	69.2	14.4	17
2003	10,62,388	38.3	8.1	67,007	60.7	12.8	19
2004	10,79,117	39.8	8.6	72,718	59.1	12.7	20
2005	10,95,722	40.1	8.7	81,502	53.9	11.7	21
2006	11,12,186	41.4	9.5	89,618	51.4	11.8	23
2007	11,28,521	42.5	10.1	96,707	49.6	11.8	24
2008	11,44,734	42.3	10.5	1,05,353	46.0	11.4	26
2009	11,60,813	41.9	10.8	1,14,951	42.3	10.9	26
2010	11,76,742	42.5	11.4	1,27,746	39.1	10.5	28
2011	12,10,193	41.1	11.8	1,41,866	35.1	10.0	30
2012	12,08,116	40.6	11.4	1,59,491	30.7	8.7	33
2013	12,23,581	39.8	11.2	1,81,508	26.8	7.6	35
2014	12,38,887	39.5	11.3	1,90,704	25.7	7.3	35
2015	12,54,019	40.3	11.7	2,10,023	24.1	7.0	38
2016	12,68,961	38.2	11.9	2,30,031	21.1	6.6	41
2017	12,83,601	36.6	11.7	2,53,311	18.5	5.9	43
2018	12,98,043	36.2	12.1	2,72,587	17.2	5.8	44
2019	13,12,241	34.8	12.1	2,97,190	15.4	5.3	47
2020	13,26,155	28.1	10.4	3,26,299	11.4	4.2	**
2021	13,63,006	30.3	11.3	**	**	**	**
2022	13,75,586	33.5	12.2	**	**	**	**

**Data not available

(*) Road Accident Risk: Number of Accidents per Lakh Population

(\\$) Road Accident Death Risk: Number of Persons Killed per Lakh Population

(#) Road Accident Rate: Number of Accidents Per Ten Thousand Vehicles

(##) Road Accident death rate: Number of Persons killed Per Ten Thousand Vehicles

(\$\$) Vehicle Density: Number of Vehicles per Km of Road

1.21. Accident risk is a measure to observe the number of road accidents in the country in a year relative to the population for the year. It is expressed in terms of road accidents per lakh populations and provides appropriate measure of incidence of accidents in the country. Number of accidents per lakh of population increased from 30.3 in 2021 to 33.5 in 2022 (Table 1.8).

1.22. Road accident fatality risk is measured by the number of accident fatality (persons killed) in a year per 1,00,000 population. Decadal Trend in the number of Accidents and Fatalities per lakh Population showed increasing trend since 1970 till 2010 (Chart 1.10). Road Accidents fatality risk does not exhibits much fluctuation in trend since 2011, whereas Road Accident Risk showing decreasing trend since 2011 (Chart 1.10A).

Chart 1.10: Decadal Trend in the number of Accidents and Fatalities per lakh Population

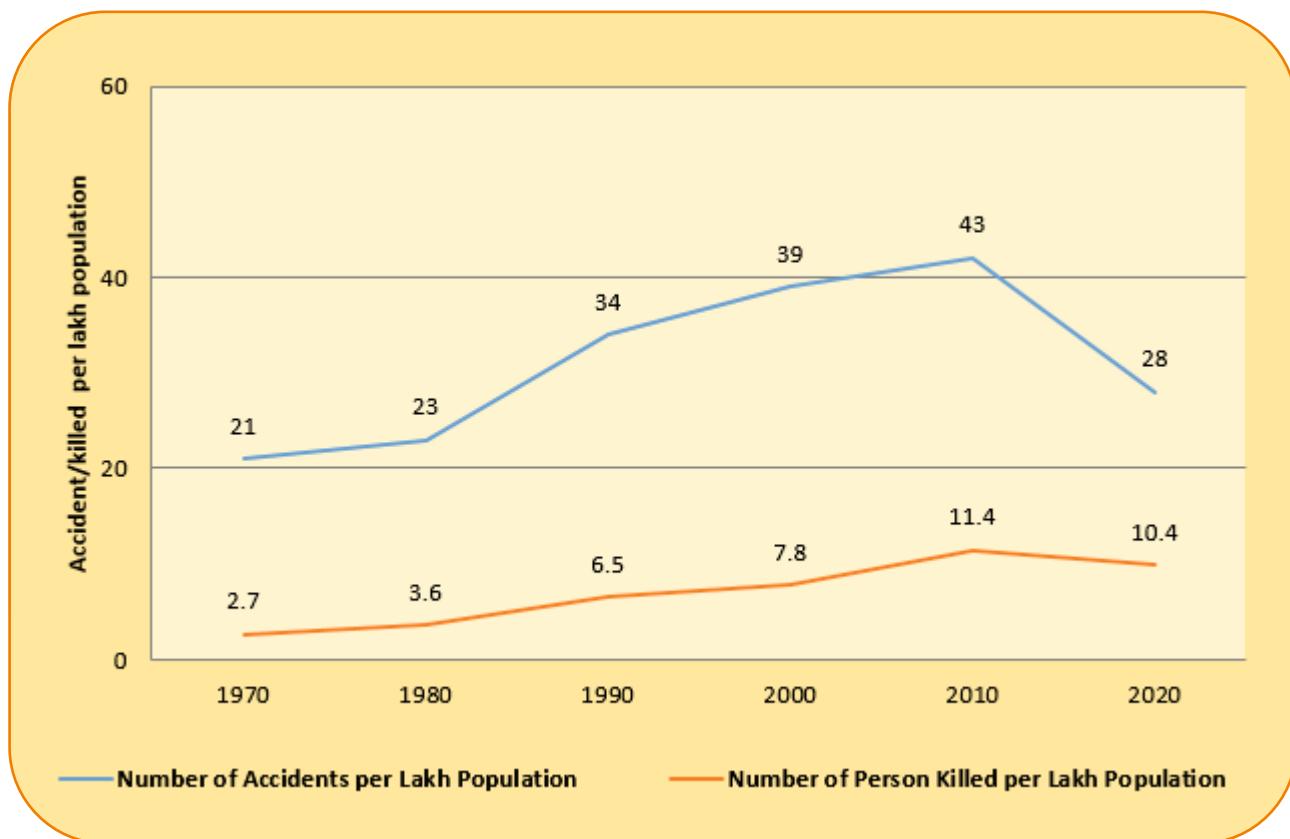
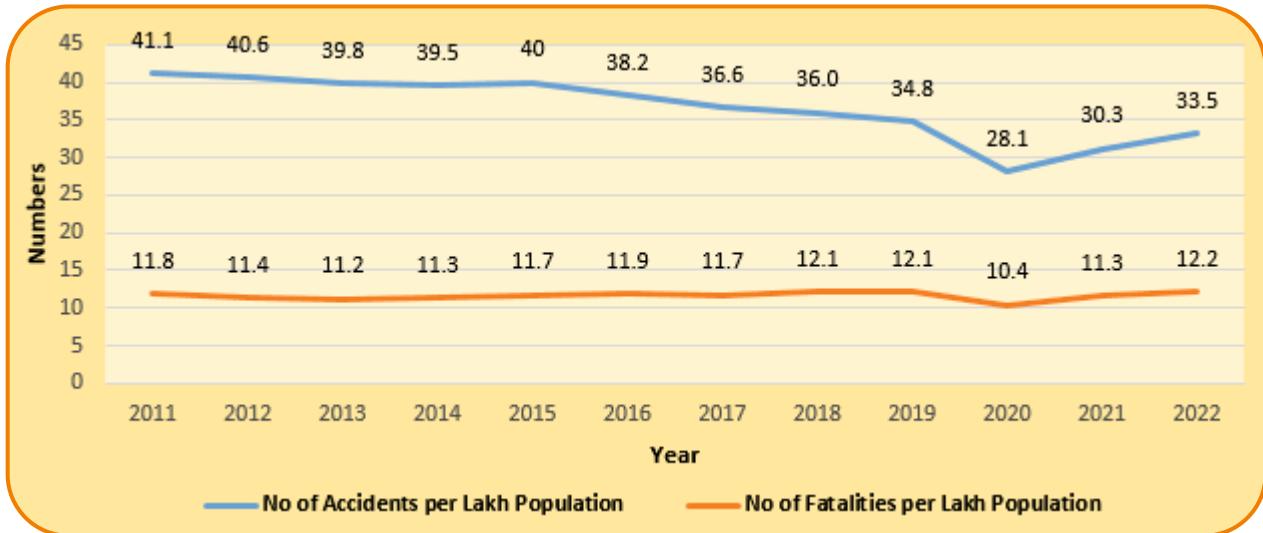


Chart 1.10A: Trend in the number of Accidents and Fatalities per lakh Population



1.23. Accident rate is measured by the number of road accidents per 10,000 vehicles, denotes rate of road accident relative to vehicular population in the country. The long-run trend of road accident per 10,000 registered vehicles reveals high rate of motorization in the country, as the ratio declines consistently over the years. Chart 1.11A also depicts short term downward trend. Though the

number of accidents, fatalities and injuries are increasing in absolute terms as per the data available, however, it is declining as compared to the increase in number of vehicles. This is mainly due to exponential growth of vehicle population relative to the mild increase of road accidents including fatalities and injuries.

Chart 1.11: Decadal Trend in the number of accidents per 10,000 Vehicles

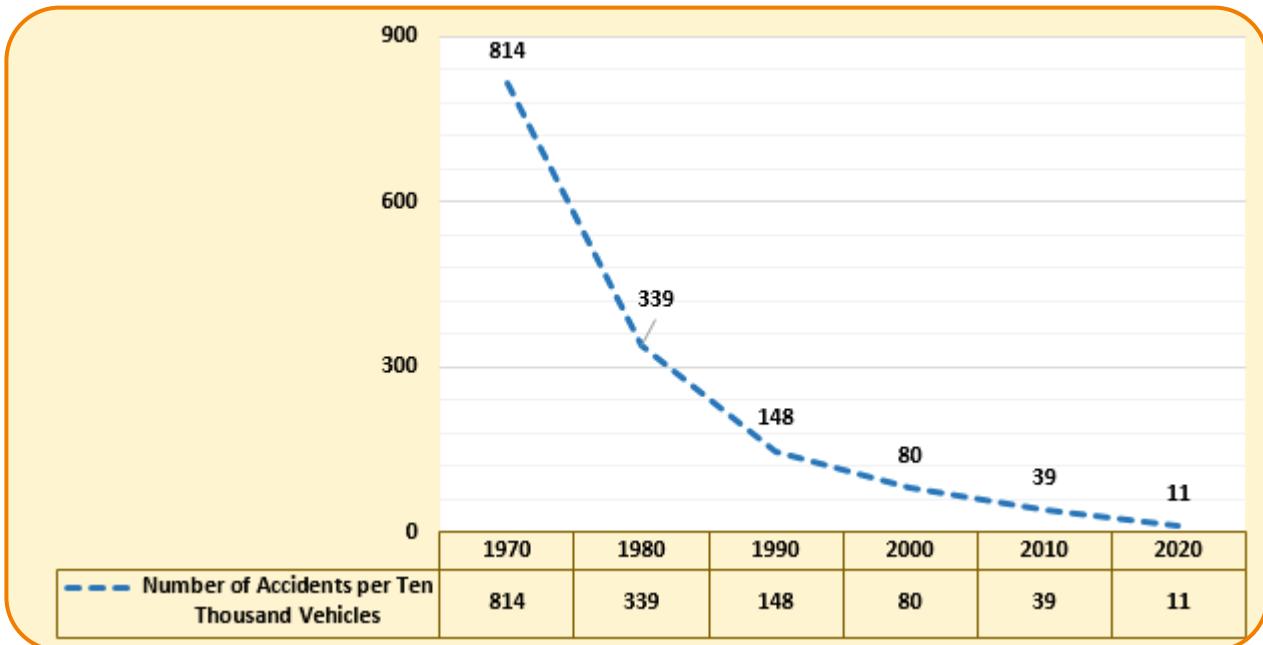
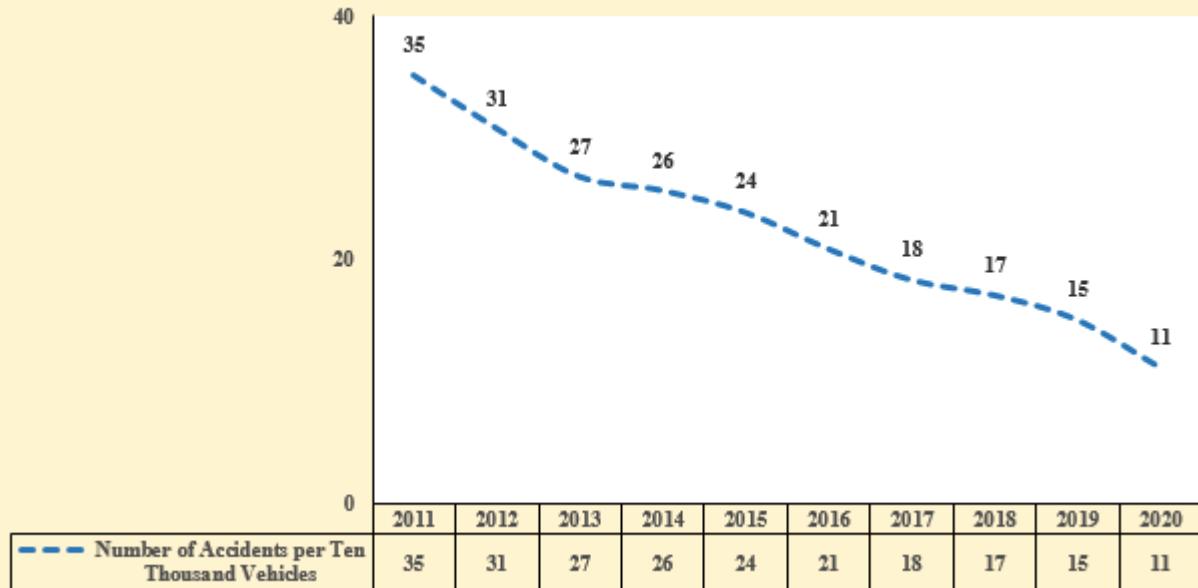


Chart 1.11A: Trend in the number of accidents per 10,000 Vehicles



1.24. Road accident fatality rate is an indicator which compares the number of fatality (persons killed) with the number of vehicles in the country. It is expressed in terms of road accident fatality per 10,000

vehicles. Both accident rate and fatality rate have shown similar declining trends in long term and short term (Chart 1.12 & 1.12A).

Chart 1.12: Decadal Trend in the number of Persons killed per 10,000 Vehicles

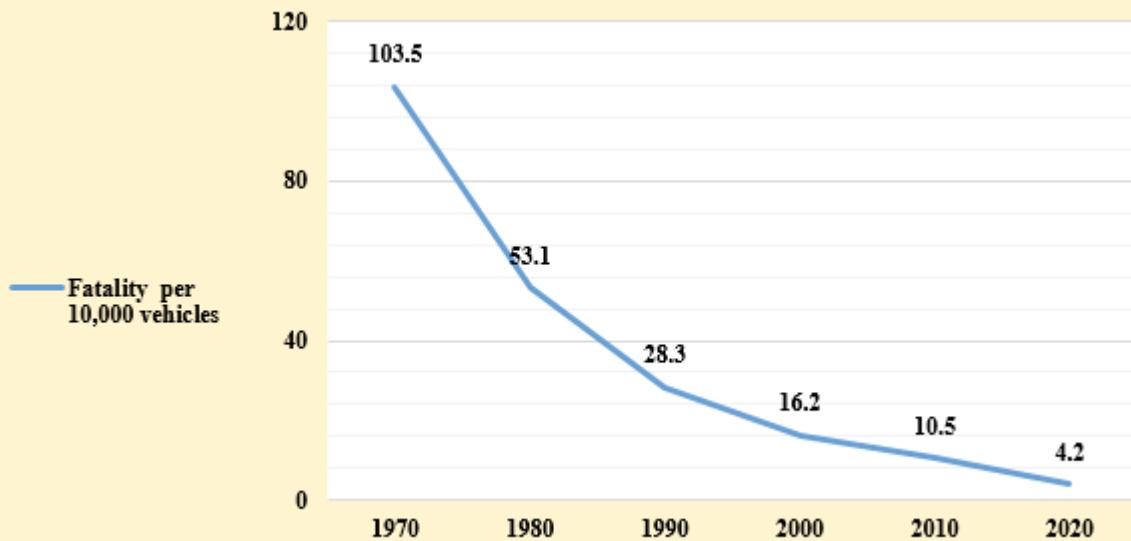
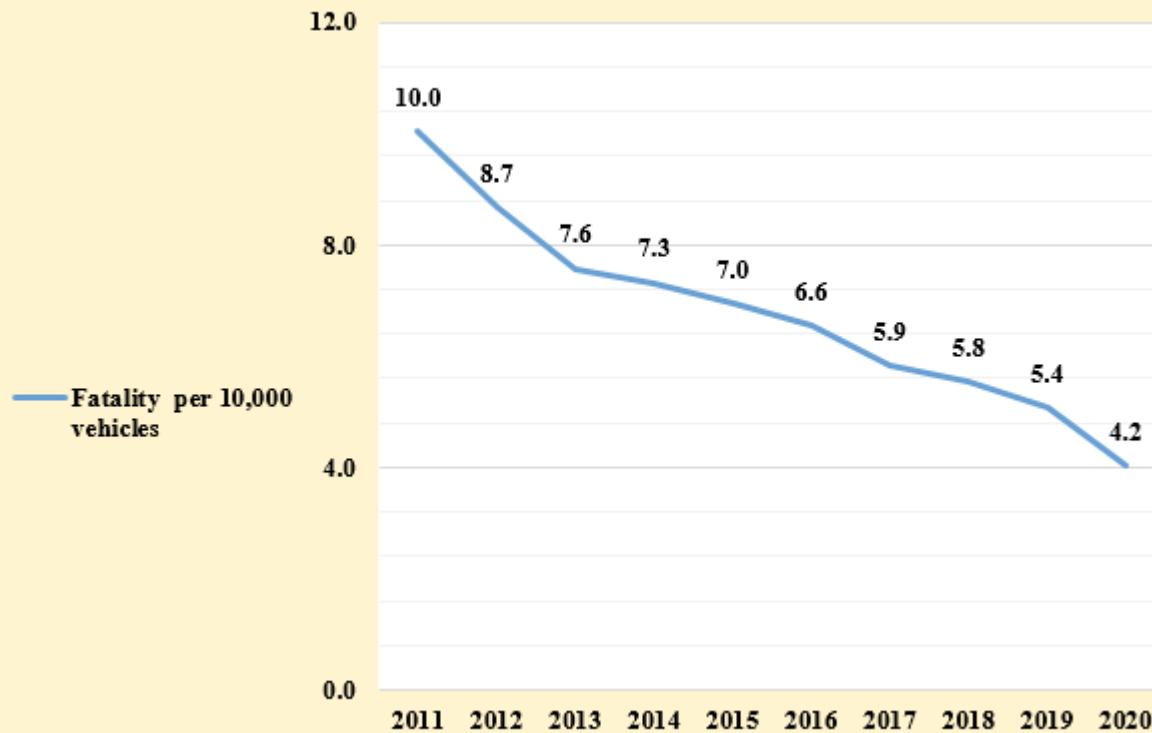


Chart 1.12A Trend in the number of Persons killed per 10, 000 Vehicles



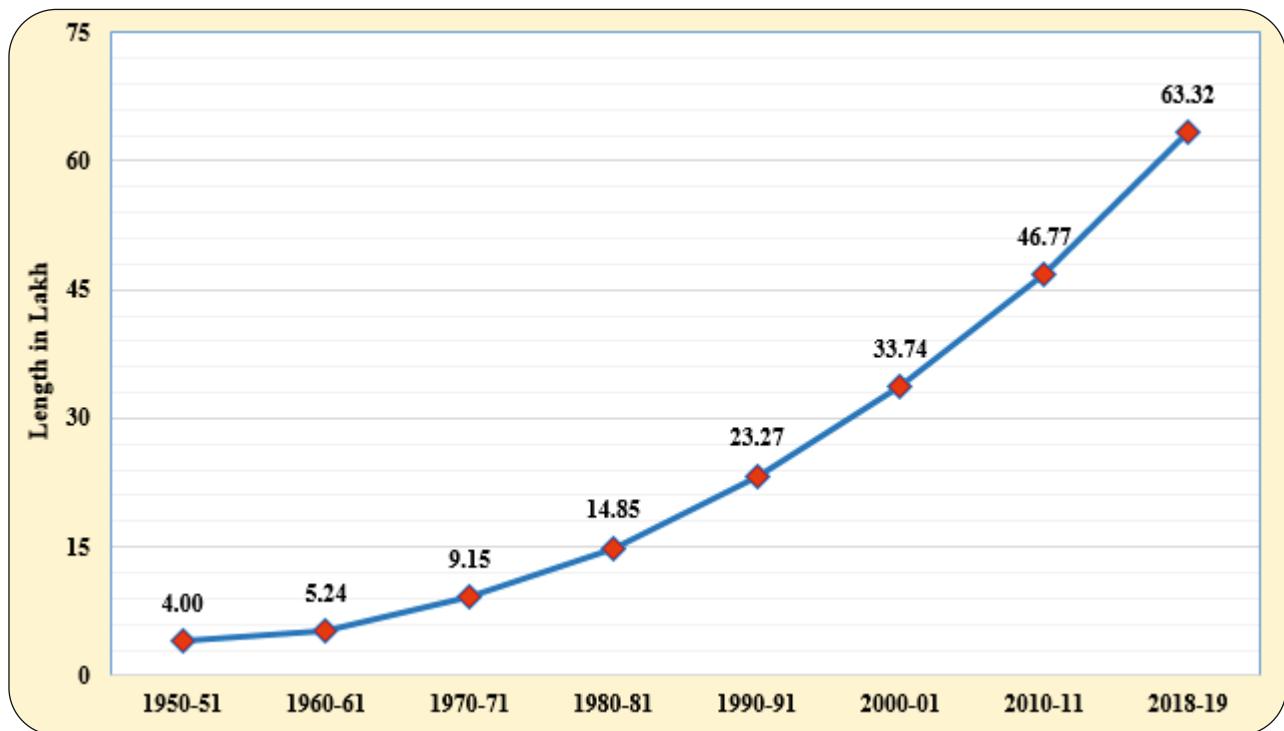
ROAD NETWORK

1.25. Road network in India was to the tune of 63.32 lakh km in March 2019, which is one of the largest in the world. The country's road network consists of National Highways, State Highways, District roads, Rural and Village Roads. Over the years, there has been consistent improvement in road network across the country through the construction of new roads and upgradation of the existing roads.

1.26. India's road density at 1,926.02 per 1,000 sq.km of area in 2018-19 was higher than that of many developed countries though

surfaced/paved road constituting 64.7 per cent of the total road length is comparatively lower than that of developed countries. National Highways constituted 2.09 per cent of the total road length of the country in 2019 (Basic Road Statistics of India, MoRTH). The balance road networks comprise of State Highways (2.9%), District Roads (9.6%), Rural Roads (71%), Urban Roads (8.5%) and Project Roads (5.4%). The construction of road has been on consistent increase during 1950-51 to 2018-19.

Chart 1.13: Decadal Trends of construction of Roads



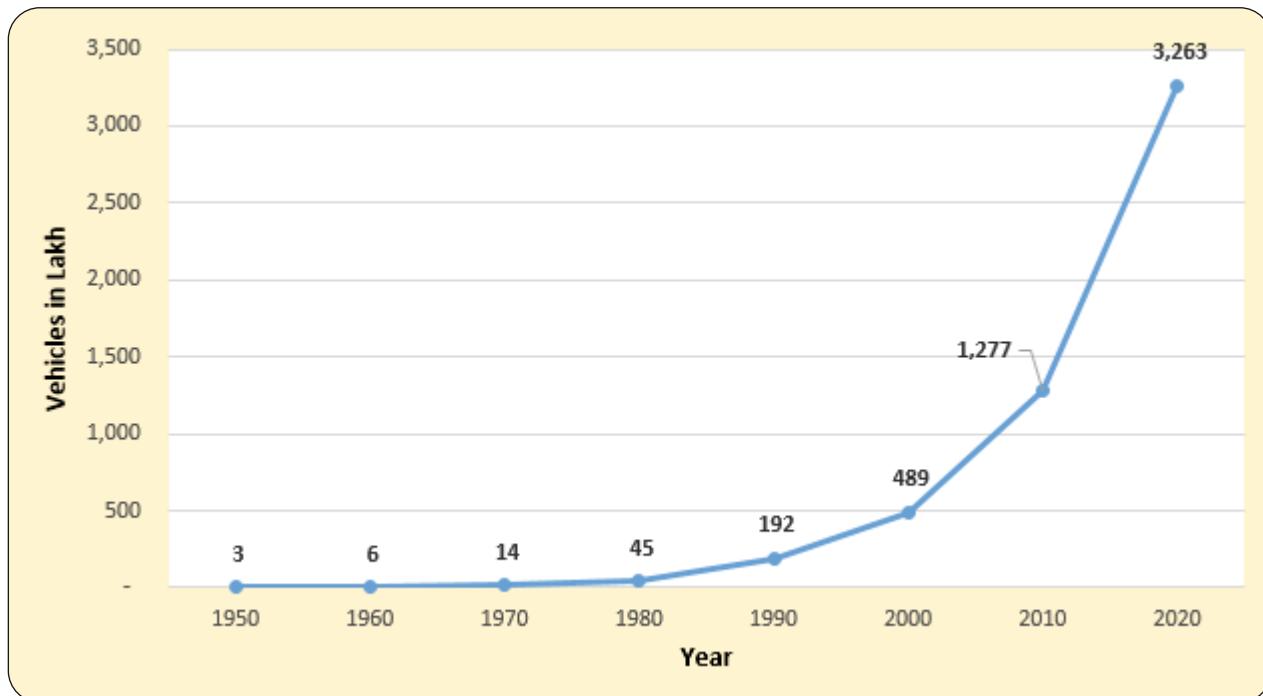
Data source: Basic Road Statistics of India, MoRTH

REGISTERED MOTOR VEHICLES

1.27. Sustained economic growth and increased per capita income have led to rapid growth of motorized vehicles in India. There has been consistent increase in number of vehicles registered over the years (Chart 1.14). There were 326 million registered vehicles in India as on 31st March 2020. The total number of registered motor vehicles in the country

grew at a compound annual growth rate (CAGR) of 9.8 per cent between 2010 and 2020. Composition of vehicular population in 2020 shows the highest share of two-wheelers (74.7%) followed by cars, jeeps and taxis (13.4%), other vehicles (6.9%), goods vehicle (4.4%) and buses (0.7%).

Chart 1.14: Decadal Trends of Registration of Vehicles



Data source: Road Transport Year Book, MoRTH

1.28. Vehicular composition and pattern of category-wise growth rates have revealed the preference of road-users for personalized means of transport (cars and two-wheelers) over the public road transport. The increase in personalized means of transport and decline in share of public transport have significant implications on traffic congestion and safety.

1.29. Vehicle density is calculated by number of vehicles per kilometer of road length. The Vehicle density had increased from 28 vehicles per kilometer in 2010 to 47 in 2019. This is indicative of the growing road traffic congestion in the country.

SECTION - 2

ACCIDENTS BY ROAD CATEGORY

- 2.1 The total road length in India is 63.31 lakh km (as on 31st March 2019), consisting of 1.32 lakh km of National Highways, 1.80 lakh km of State Highways and 60.59 lakh km of Other Roads (include District Roads, Rural Roads, Urban Roads and Project Roads). In percentage term, National Highways shares 2.1 per cent, State Highways 2.8 per cent and other roads 95 per cent, respectively of the total road length in the country. Though the percentage share of the three broad categories of roads in the total road length is highly uneven, the distribution of the number of road accidents, fatality and injury in 2022 among these road categories was much skewed.
- 2.2 During 2022, a total 4,61,312 accidents were recorded in the country, of which, 1,51,997 (32.9%) took place on the National Highways (NH) including Expressways, 1,06,682 (23.1%) on State Highways (SH) and the remaining 2,02,633 (43.9%) on Other Roads (Table 2.1). Out of total 1,55,781 fatal accidents reported in 2022, 55,571 (35.7%) were on National Highways, 37,861 (24.3%) were on State Highways and 62,349 (40.02%) were on Other Roads (Table 2.2).

Table 2.1: Road Accidents, Fatalities and Injuries by Road Category

Category of Road	2021			2022			% Change in 2022 over 2021		
	Accidents	Killed	Injured	Accidents	Killed	Injured	Accidents	Killed	Injured
National Highways	1,28,825	56,007	1,17,765	1,51,997	61,038	1,44,352	17.99	8.98	22.58
% share	31.2	36.4	30.6	32.95	36.23	32.56			
State Highways	96,382	37,963	92,583	1,06,682	41,012	1,06,485	10.69	8.03	15.02
% share	23.4	24.6	24.1	23.13	24.34	24.02			
Other Roads	1,87,225	60,002	1,74,100	2,02,633	66,441	1,92,529	8.23	10.73	10.59
% share	45.4	39	45.3	43.93	39.43	43.42			
All Roads	4,12,432	1,53,972	3,84,448	4,61,312	1,68,491	4,43,366			

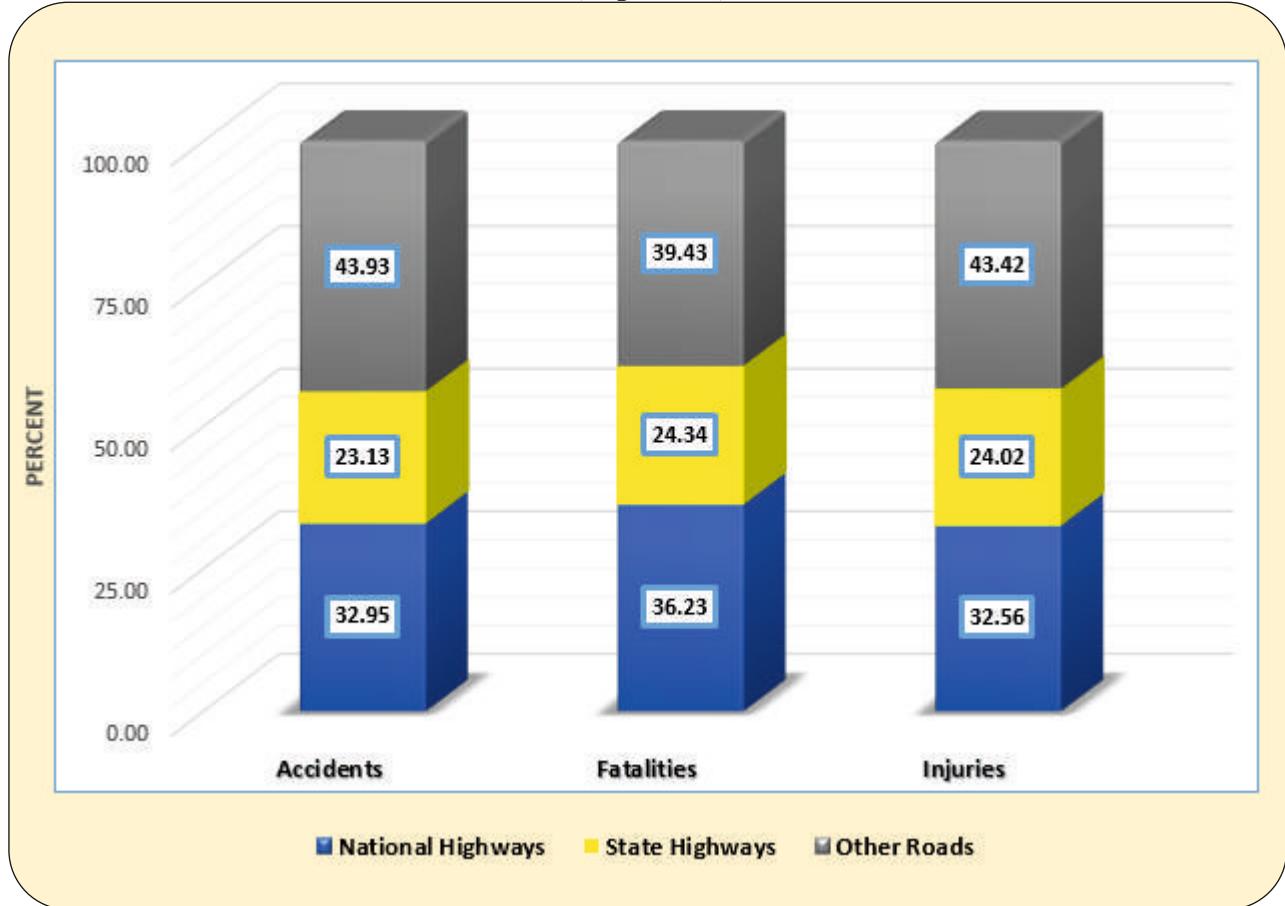
- 2.3 The percentage share of National Highways, State Highways and Other Roads in total accidents, persons killed and injured during 2022 is presented in the Chart 2.1 reveals 32.95 percent of accident, 36.23 percent of death and 32.56 percent of accidents related injuries took place on National Highways

which shares only 2.1 percent of total road network in the country. Highways (both National and State) accounted for only five percent of total road network witnessed a disproportionately large share of accidents (56.1 %) and accident-related fatalities (60.6%) during the year 2022 which become the focus of our

attention. More accidents on these have been attributed to higher vehicle speeds

and increasingly higher volume of traffic on these roads.

**Chart 2.1: Accidents, Persons Killed and Injured by Category of Roads during 2022
(in percent)**



- 2.4 The total number of accidents on National Highways increased by 17.99 percent, on State Highways increased by 10.69 percent and on Other Roads increased by 8.23 percent in 2022. Similarly, total number of fatalities on National Highways increased by 8.98 percent, on State Highways increased by 8.03 percent and on Other Roads increased by 10.73 percent in 2022. There has been an increase in number of accidents, fatalities and injuries on three categories of roads in

2022 as compared to 2021, same is presented in the chart 2.2, chart 2.3 and chart 2.4 respectively.

- 2.5. Despite some marginal fluctuation, there had been a general declining trend in number of accidents and injuries took place on all roads during 2018 to 2020 (Chart 2.2 & 2.4). However, these indicators registered an increase in 2022 as compared to 2021. Road category wise distribution of fatalities shows an increase trend (Chart 2.3).

Chart 2.2: Trends in Number of Road Accidents by category of roads

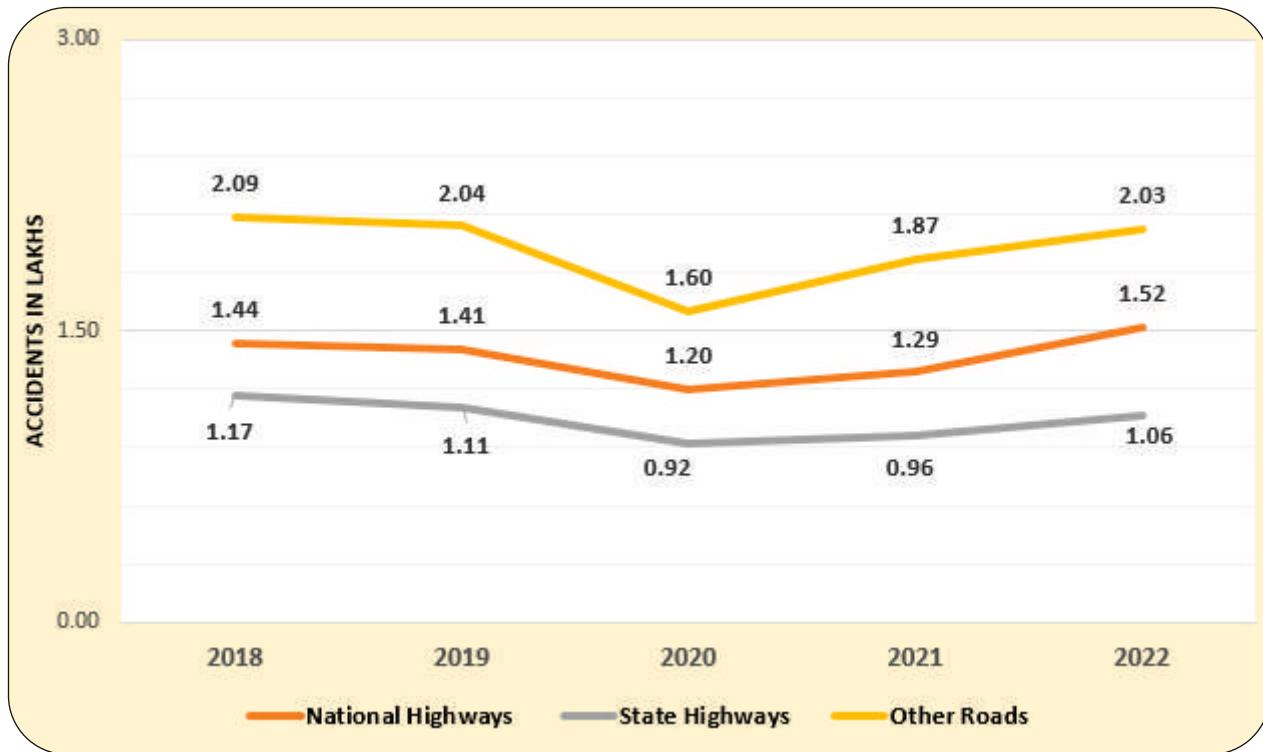


Chart 2.3: Trends in Number of Persons Killed by category of roads

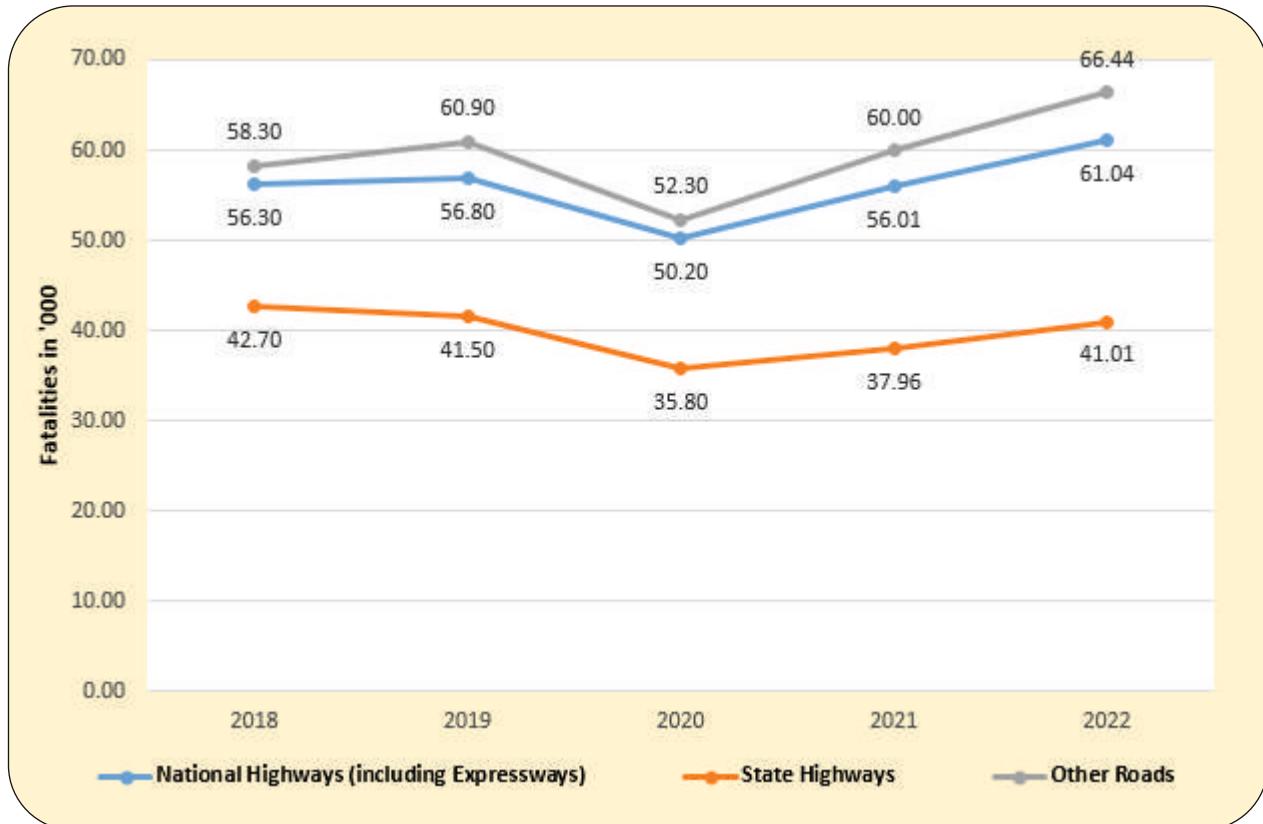
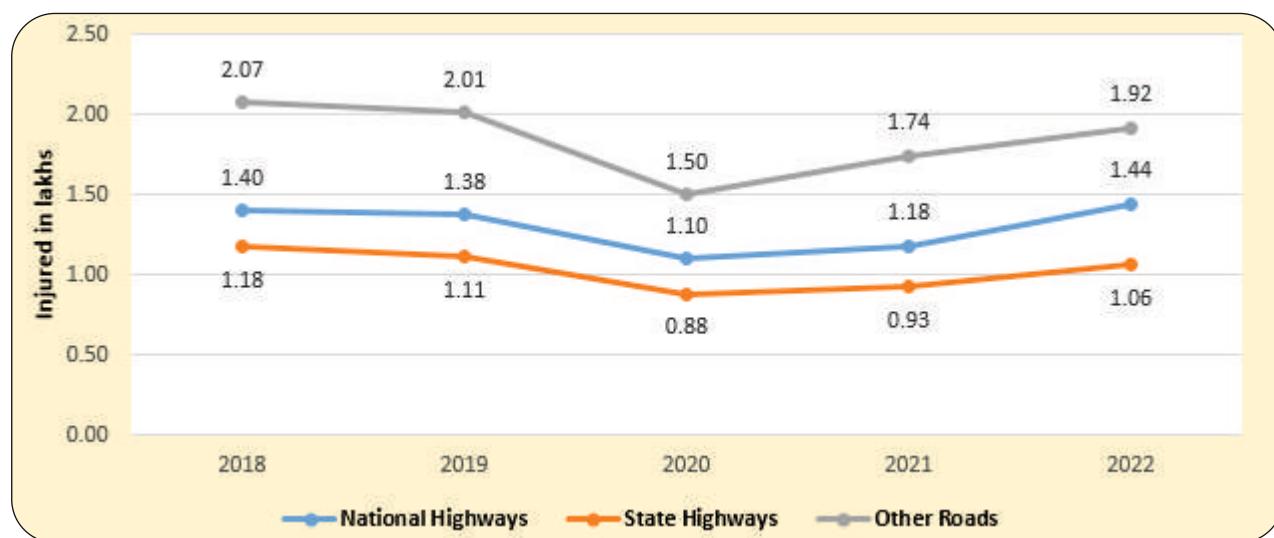


Chart 2.4: Trends in Number of Persons Injured by category of roads



FATAL ACCIDENTS BY CATEGORY OF ROADS

2.6 The distribution of fatal accidents across categories of roads reveals that National Highways have significant share in total fatal accidents over the last five years (2018-2022). Trend in percent share of three categories of roads in terms of accidents, deaths and injuries had stabilized with marginal fluctuations (Chart 2.6). The share of State Highways in total fatal accident had declined from

26.8 percent in 2018 to 24.3 percent in 2022, whereas the case of National Highways, this had increased from 35.4 percent to 35.7 percent during the same period. Road category wise trend in number of fatal accidents had stabilized with marginal fluctuations during 2018 to 2020, thereafter, registered an increase in 2021 and 2022 (Chart 2.5).

Table 2.2: Fatal Accidents by Road Categories: 2018-2022

Fatal Accident	2018	2019	2020	2021	2022
National Highways	50,831	51,036	45,655	50,953	55,571
YoY Growth	6.0	0.4	-10.5	11.6	9.1
% Share in Total	35.4	35.1	35.9	35.8	35.7
State Highways	38,490	37,818	32,688	34,946	37,861
YoY Growth	4.8	-1.7	-13.6	6.9	8.3
% Share in Total	26.8	26.0	25.7	24.6	24.3
Other Roads	54,417	56,478	48,964	56,264	62,349
YoY Growth	4.1	3.8	-13.3	14.9	10.8
% Share in Total	37.9	38.9	38.5	39.6	40.0
All India	1,43,738	1,45,332	1,27,307	1,42,163	1,55,781
YoY Growth	5.2	1.1	-12.4	11.7	9.6

YoY: Year on Year

Chart 2.5: Trends in Number of Fatal Accidents by category of roads (2018-2022)

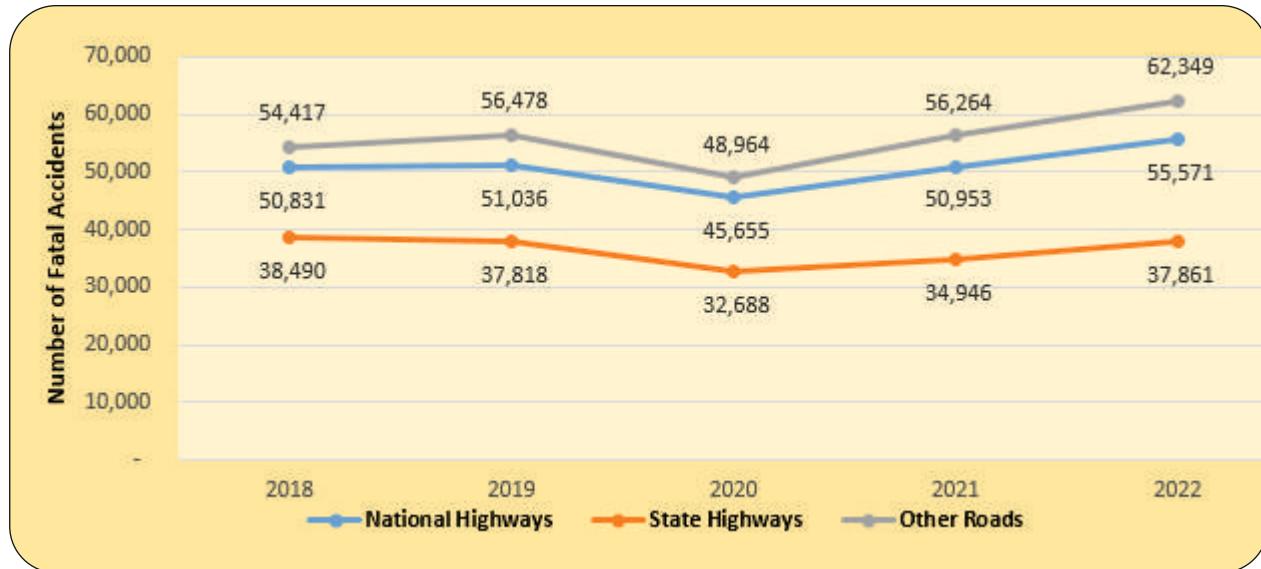
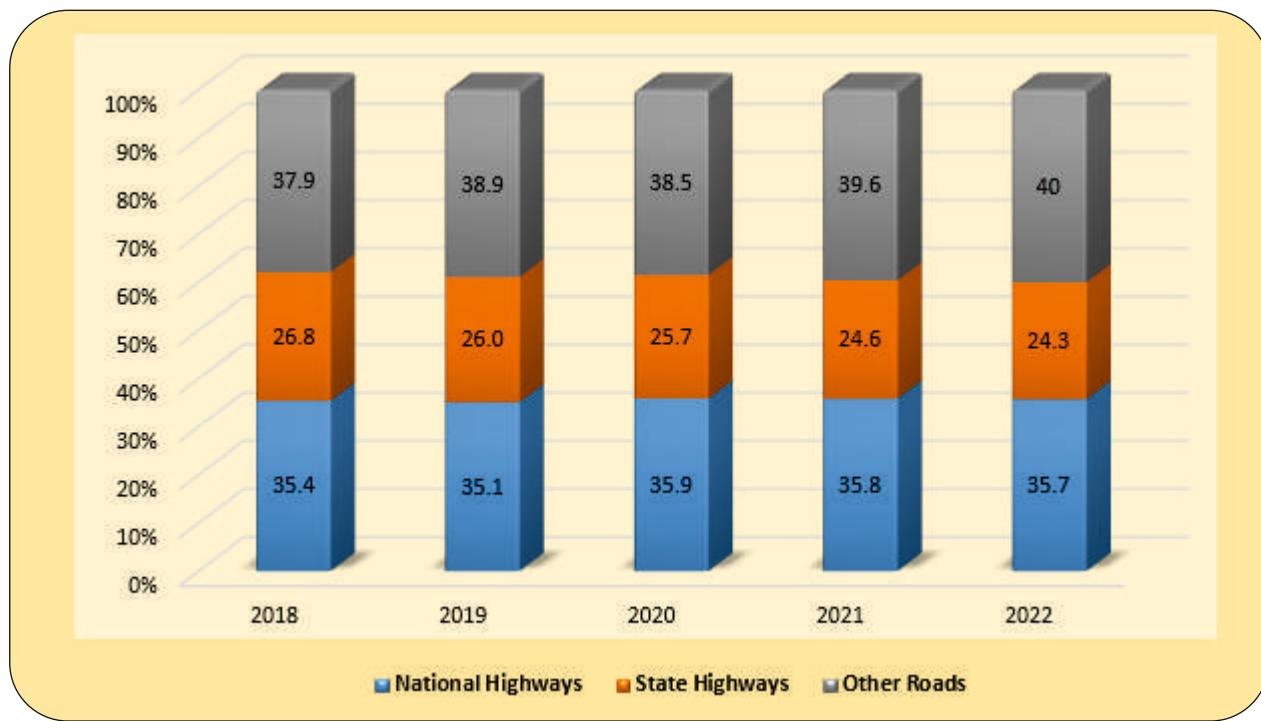


Chart 2.6 Fatal Accidents by category of roads (in percent)



LONG-RUN TREND

2.7. Despite some fluctuations, the number of road accidents and the number of persons killed had stabilized over the years except a slight increase recorded in 2021 and 2022 (Chart 2.7 and Chart 2.8). However, total number of accidents increased from 4,12,432 in

2021 to 4,61,312 in 2022, registered an increase of 11.9 percent relative to the same period last year. Similarly, total number of persons killed increased from 1,53,972 in 2021 to 1,68,491, in 2022 and registered an increase of 9.4 percent.

Table 2.3: Trends of Major Parameters of Accident by category of Roads

Year	National Highways (including Expressways)			State Highways			Other Roads			Toal (All Roads)		
	Road Accidents	Persons killed	Persons Injured	Road Accidents	Persons killed	Persons Injured	Road Accidents	Persons killed	Persons Injured	Road Accidents	Persons killed	Persons Injured
2018	1,44,221	56,310	1,40,133	1,17,136	42,704	1,17,971	2,09,046	58,579	2,06,611	4,70,403	1,57,593	4,64,715
2019	1,41,057	56,587	1,37,600	1,11,171	41,461	1,10,843	2,04,731	60,936	2,00,917	4,56,959	1,58,984	4,49,360
2020	1,19,615	50,251	1,10,087	92,251	35,754	87,184	1,60,315	52,378	1,49,476	3,72,181	1,38,383	3,46,747
2021	1,28,825	56,007	1,17,765	96,382	37,963	92,583	1,87,225	60,002	1,74,100	4,12,432	1,53,972	3,84,448
2022	1,51,997	61,038	1,44,352	1,06,682	41,012	1,06,485	2,02,633	66,441	1,92,529	4,61,312	1,68,491	4,43,366
CAGR 2018-2022	1.1	2.7	-0.2	-2.2	-0.4	-3.0	-1.1	2.7	-2.3	-3.9	1.9	-1.8

Chart 2.7: Trends in number of Accidents by Category of Roads (2018-2022)

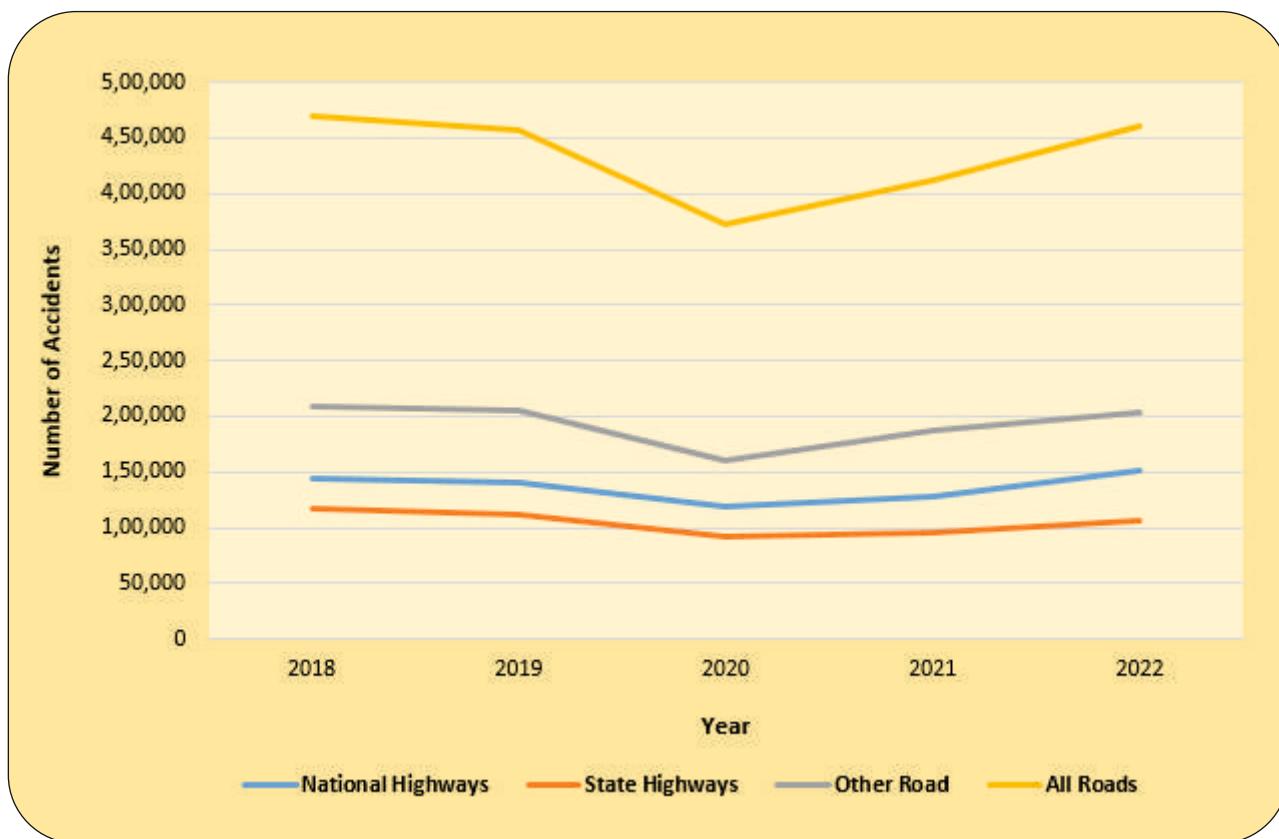
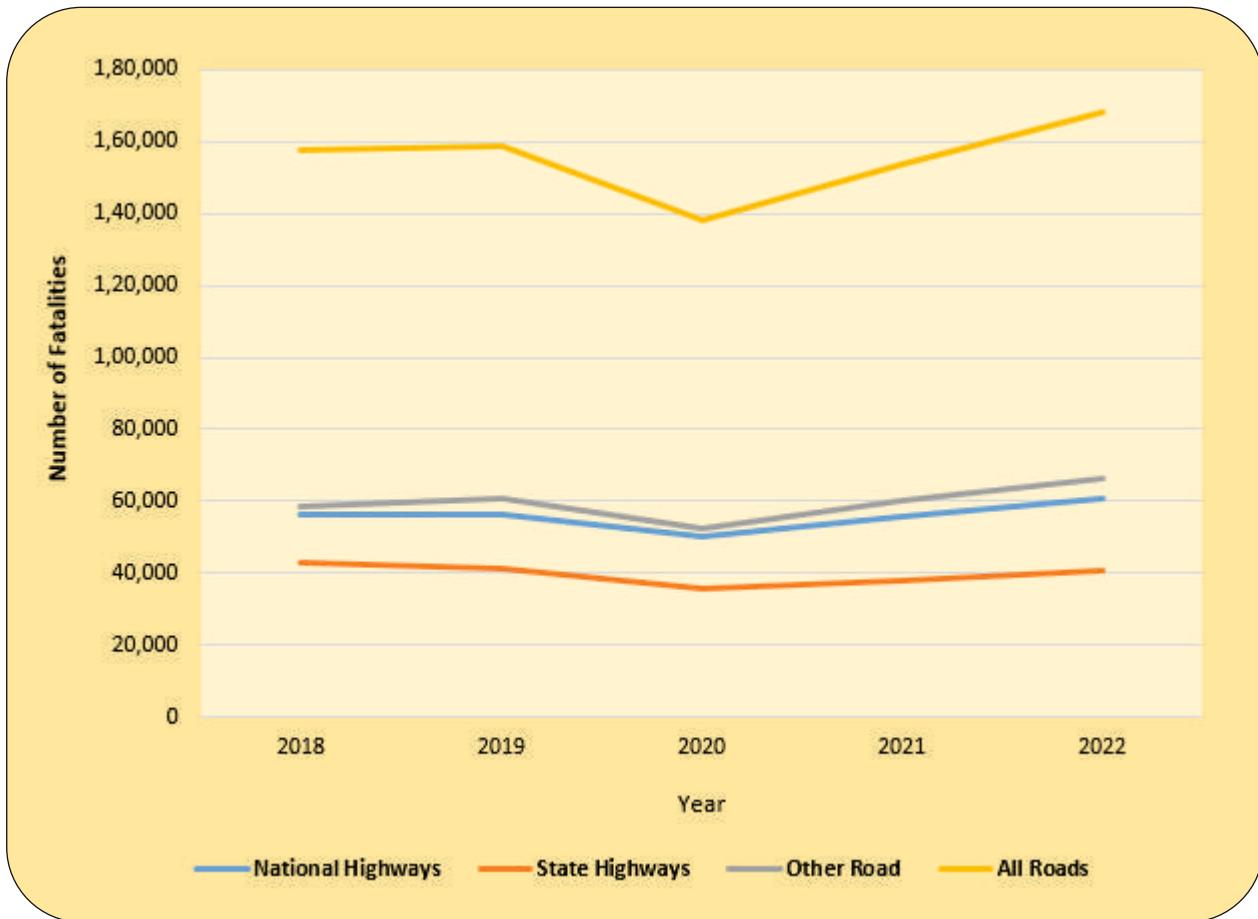


Chart 2.8: Trends in number of fatalities by Category of Roads (2018-2022)



LONG-RUN TREND BY ROAD CATEGORIES

2.8. The percentage share of different categories of roads in total number of accidents, persons killed and persons injured had remained largely stable fluctuating over very small margins over the years (Table 2.4). In percentage terms, share of road accidents, persons killed and injured on Highways had increased in 2022 compared to previous year and in absolute terms too these parameters shown an increasing trend (Table 2.5). The distribution and

percentage share of accidents and fatalities among the road categories shows the high accident and fatality rates and high accident severity on the National Highways and State Highways given their relatively low share in the total road length of the country. Whereas, in respect of Other Roads, the percentage share not showing much fluctuation (Table 2.4)

Table 2.4: Long-run trends in road accidents, fatalities and injuries by road categories (in percent)

Year	National Highways			State Highways			Other Roads		
	Accidents	Killed	Injured	Accidents	Killed	Injured	Accidents	Killed	Injured
2003	31.4	38.6	30.1	22.4	28.2	26.7	46.2	33.3	43.2
2004	30.3	37.5	30.8	23.5	26.9	24.9	46.2	35.6	44.3
2005	29.6	37.3	31.3	23.6	27.2	25.7	46.8	35.4	43.0
2006	30.4	37.7	30.8	18.5	26.8	24.9	51.1	35.6	44.4
2007	29.0	35.5	30.2	24.4	27.7	26.2	46.6	36.8	43.7
2008	28.5	35.6	28.6	25.6	28.4	27.5	46.0	36.0	43.9
2009	29.3	36.0	29.6	23.8	27.1	25.5	46.9	36.9	44.8
2010	30.0	36.0	31.3	24.5	27.3	26.0	45.5	36.6	42.7
2011	30.1	37.1	30.5	24.6	27.4	26.1	45.4	35.5	43.4
2012	29.1	35.3	30.1	24.2	27.3	25.9	46.7	37.5	43.9
2013	28.1	33.2	28.9	25.6	29.6	27.6	46.3	37.2	43.4
2014	28.2	34.1	29.9	25.2	29.1	26.7	46.6	36.8	43.3
2015	28.4	35.0	29.1	24.0	28.0	26.3	47.6	37.0	44.6
2016	29.6	34.5	29.6	25.3	27.9	25.8	45.1	37.6	44.7
2017	30.4	36.0	30.3	25.0	26.9	25.4	44.6	37.1	44.3
2018	30.6	35.6	30.0	24.9	27.1	25.4	44.4	37.2	44.5
2019	30.8	35.6	30.6	24.3	26.1	24.7	44.8	38.3	44.7
2020	32.1	36.3	31.7	24.8	25.8	25.1	43.1	37.9	43.1
2021	31.2	36.4	30.6	23.4	24.7	24.1	45.4	39.0	45.3
2022	32.9	36.2	32.6	23.1	24.3	24.0	43.9	39.4	43.4

PROFILE OF ROAD ACCIDENTS – NATIONAL HIGHWAYS

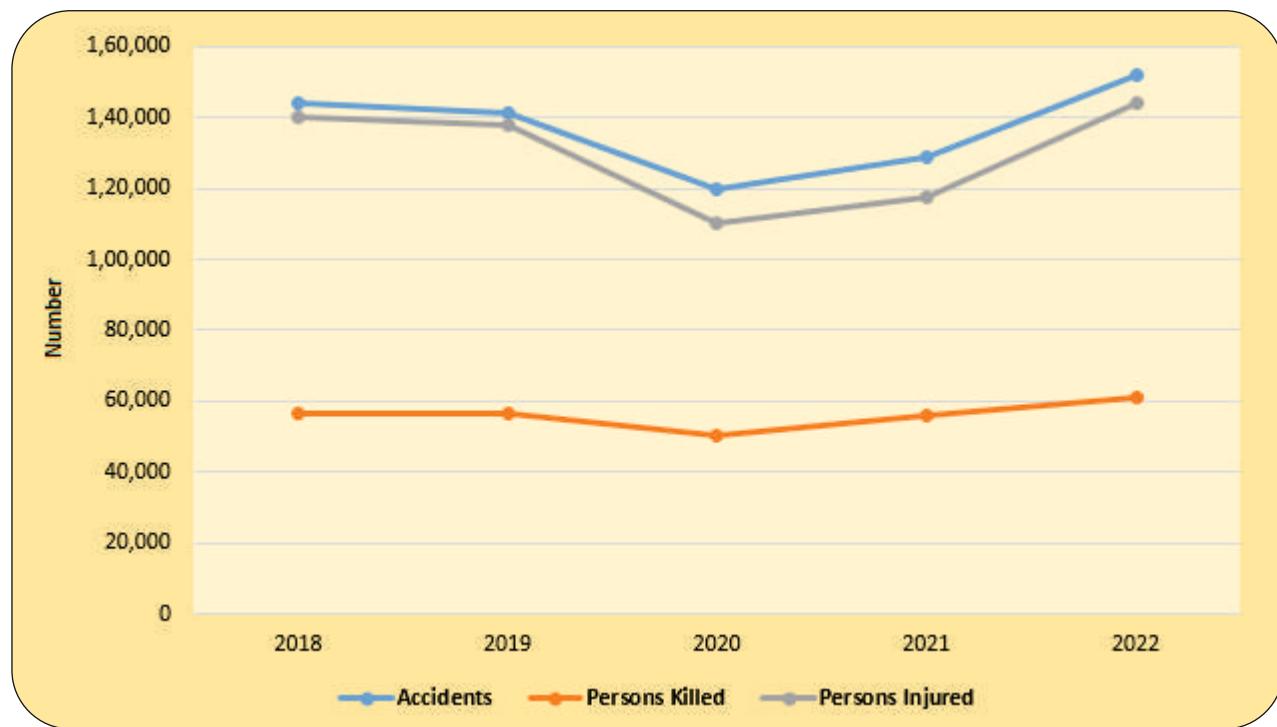
2.9. In 2022, a total of 4,61,312 (Table 2.1) road accidents were reported by States/UTs, of which, 1,51,997 (32.9%) were on National Highways, killed 61,038 (36.2%) people and caused injury to 1,44,352 (32.6%) persons. There had been a consistent decline in

number of accidents and injuries on National Highways during 2018 to 2020 (Chart 2.9), but Road accidents causalities on National Highways shown an increasing trend in 2021 and 2022. State wise details are given in **Annexure 9, 10 and 11**.

Table 2.5: Road Accidents, Fatalities and Injuries on National Highways

Year	Accidents	YoY Growth	Persons Killed	YoY Growth	Persons Injured	YoY Growth
2018	1,44,221	0.8	56,310	4.7	1,40,133	0.2
2019	1,41,057	-2.2	56,587	0.5	1,37,600	-1.8
2020	1,19,615	-15.2	50,251	-11.2	1,10,087	-20.0
2021	1,28,825	7.7	56,007	11.5	1,17,765	7.0
2022	1,51,997	18.0	61,038	9.0	1,44,352	22.6

Chart 2.9: Trend in Road Accidents, Fatalities and Injuries on National Highways

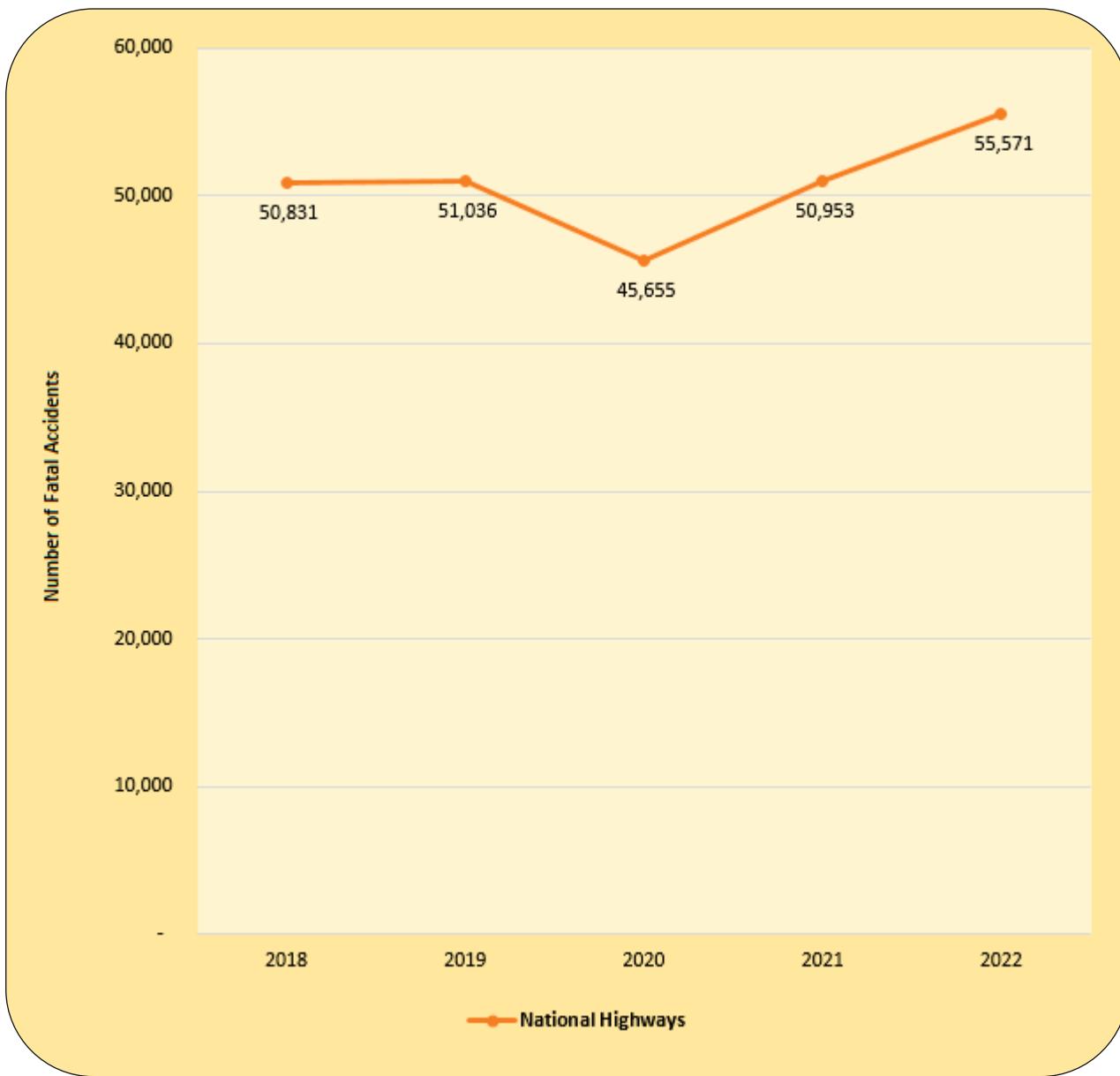


Fatal Accidents on National Highways

2.10. During 2022, fatal accidents took place on National Highways had increased to 55,571 as compared to 50,953 fatal accidents in 2021, registering an increase of 9.1 percent. In Chart 2.10, trend of the number of fatal accidents shows an increasing trend except a sharp decline

recorded in 2020, which may be due to COVID Lockdown. This shows that there is a need of strong policy intervention and implementation towards road safety. State wise details are highlighted in the **Annexure 12**.

Chart 2.10 Trend in Fatal Accidents on National Highways



Top 10 States in Number of Accidents on National Highways

2.11. Top 10 States listed in the Table 2.6 are selected based on the number of accidents took place on National Highways as reported by States/UTs during the calendar year 2022. Tamil Nadu retained its top position in 2022 for the fifth consecutive year (Table 2.6) with 18,972 accidents (12.5%) followed

by Kerala with 17,627 (11.6%) accidents, Uttar Pradesh with 14,990 (9.9%) accidents, Madhya Pradesh with 13,860 (9.1%) accidents and Karnataka with 13,384 (8.8%) accidents. It may be noted that during 2018-2022, the Top Ten States are contributing more than 73 percent of total road accidents on National Highways (Table 2.6) in the country.

Table. 2.6: Top 10 States in number of accidents on National Highways

S.No	States/UTs	2018	2019	2020	2021	2022
1	Tamil Nadu	22,961	21,489	18,372	16,869	18,972
	% Share in Total	13.9	12.9	13.1	13.1	12.5
2	Kerala	9,161	9,459	6,594	8,048	17,627
	% Share in Total	6.5	6.9	5.7	6.2	11.6
3	Uttar Pradesh	16,198	16,181	13,695	14,540	14,990
	% Share in Total	11.5	11.8	11.8	11.3	9.9
4	Madhya Pradesh	9,967	10,440	9,866	11,030	13,860
	% Share in Total	7.1	7.6	8.5	8.6	9.1
5	Karnataka	13,638	13,363	11,230	11,462	13,384
	% Share in Total	9.7	9.7	9.6	8.9	8.8
6	Maharashtra	9,355	8,360	6,501	7,501	9,417
	% Share in Total	6.6	6.1	5.6	5.8	6.2
7	Andhra Pradesh	8,122	7,682	7,167	8,241	8,650
	% Share in Total	5.8	5.6	6.2	6.4	5.7
8	Telangana	6,487	7,352	6,820	7,214	7,505
	% Share in Total	4.6	5.4	5.9	5.6	4.9
9	Rajasthan	6,726	6,883	5,764	6,424	7,093
	% Share in Total	4.8	5.0	4.9	5.0	4.7
10	Bihar	4,016	4,526	4,101	4,349	4,601
	% Share in Total	2.9	3.3	3.5	3.4	3.0
Total (Top 10)		1,06,631	1,05,735	90,110	95,678	1,16,099
		73.9	75.0	75.3	74.3	76.4
Total (NH)		1,44,221	1,41,057	1,19,615	1,28,825	1,51,997

Road Accident Fatalities on National Highways

2.12. During 2022, a total of 61,038, accidents related deaths took place on National Highways, which contributes 36.2 percent of total accident deaths in the country. Number of fatalities on National Highways reveals an increasing trend since 2016 except negative growth

recorded in 2019 and 2020 (Table 2.2). National Highways with share of 2.08 percent of total road network in the country accounted for 36.2 percent of total fatalities due to road accidents, need attention.

Top 10 States in Number of Accident Fatalities

2.13. Top 10 States are selected based on number of fatalities reported on National Highways in 2022. Uttar Pradesh retained its top position in road accident fatalities on National level in 2022 with 13.9 per cent of fatalities followed by

Tamil Nadu (9.8%), Maharashtra (8.1%), Karnataka (6.82%) and Rajasthan (6.81%). Top Ten States together accounted for more than 72 percent of accident fatalities on National Highways in 2022 (Table 2.7).

Table 2.7: Top 10 States in Number of Fatalities on National Highways

S.No	States/UTs	2018	2019	2020	2021	2022
1	Uttar Pradesh	8,818	8,830	7,859	8,506	8,479
	<i>% Share in Total</i>	<i>16.3</i>	<i>16.4</i>	<i>16.4</i>	<i>15.2</i>	<i>13.9</i>
2	Tamil Nadu	6,756	6,661	5,454	5,263	5,978
	<i>% Share in Total</i>	<i>8.3</i>	<i>7.3</i>	<i>6.7</i>	<i>9.4</i>	<i>9.8</i>
3	Maharashtra	4,088	3,799	3,528	4,080	4,923
	<i>% Share in Total</i>	<i>7.6</i>	<i>7.1</i>	<i>7.4</i>	<i>7.3</i>	<i>8.1</i>
4	Karnataka	3,986	3,842	3,330	3,487	4,164
	<i>% Share in Total</i>	<i>7.4</i>	<i>7.1</i>	<i>6.9</i>	<i>6.2</i>	<i>6.8</i>
5	Rajasthan	3,874	3,870	3,320	3,829	4,156
	<i>% Share in Total</i>	<i>7.2</i>	<i>7.2</i>	<i>6.9</i>	<i>6.8</i>	<i>6.8</i>
6	Madhya Pradesh	2,601	2,904	3,022	3,389	4,025
	<i>% Share in Total</i>	<i>4.8</i>	<i>5.4</i>	<i>6.3</i>	<i>6.1</i>	<i>6.6</i>
7	Bihar	3,051	3,436	3,285	3,517	3,953
	<i>% Share in Total</i>	<i>5.6</i>	<i>6.4</i>	<i>6.8</i>	<i>6.3</i>	<i>6.5</i>
8	Andhra Pradesh	2,929	3,114	2,858	3,602	3,793
	<i>% Share in Total</i>	<i>5.4</i>	<i>5.8</i>	<i>6.0</i>	<i>6.4</i>	<i>6.2</i>
9	Telangana	2,064	2,491	2,620	2,735	3,010
	<i>% Share in Total</i>	<i>3.8</i>	<i>4.6</i>	<i>5.5</i>	<i>4.9</i>	<i>4.9</i>
10	Gujarat	2,171	1,898	1,797	2,077	2,109
	<i>% Share in Total</i>	<i>3.9</i>	<i>3.4</i>	<i>3.6</i>	<i>3.7</i>	<i>3.5</i>
Total (Top 10)		40,338	40,845	37,073	40,485	44,590
		71.6	72.2	73.8	72.3	73.1
Total (NH)		56,310	56,587	50,251	56,007	61,038

Accidents and Fatalities on different categories of National Highways

2.14. On account of large shares of road accidents related deaths on National Highway, the Supreme Court Committee has desired to have jurisdiction wise details regarding number of accidents and number of deaths happening on National Highways, falling under the administrative control of NHAI, State PWDs and other Departments. Accordingly, additional information was called from States/UTs for these categories. Road user wise accidents and deaths details and traffic rule violation details were also sought.

2.15. Table 2.8 portrays that 66.3 percent (1,00,771) of accident and 74.6 percent (45,551) of accident-related death took place on National Highways falling under the administrative control of NHAI in 2022. National Highways falling under State PWD accounted for nearly 28.2 percent (42,891) of road accidents and 20.0 percent (12,228) of Road Accident deaths. The remaining 5.5 percent (8,335) accidents and 5.3 percent (3,259) Road Accident deaths had occurred on National Highways under other Departments. The state wise details of Accidents and Road Accident-related deaths on different categories of National Highways may be seen at **Annexure 13(A)**.

Table 2.8: Road Accidents and Fatalities on different categories of NH: 2021 -2022

S. No	Category	2021		2022		% change in 2022 over 2021	
		Accidents	Fatalities	Accidents	Fatalities	Accidents	Fatalities
1	National Highway under NHAI	90,071	41,810	1,00,771	45,551	11.9	8.9
	<i>Share in total</i>	69.9	74.7	66.3	74.6		
2	National Highway Under State PWD	32,639	11,689	42,891	12,228	31.4	4.6
	<i>Share in total</i>	25.3	20.9	28.2	20.0		
3	National Highway under Other Departments	6,115	2,508	8,335	3,259	36.3	29.9
	<i>Share in total</i>	4.7	4.5	5.5	5.3		
	Total	1,28,825	56,007	1,51,997	61,038		

Accidents and Fatalities due to Traffic Rule Violations

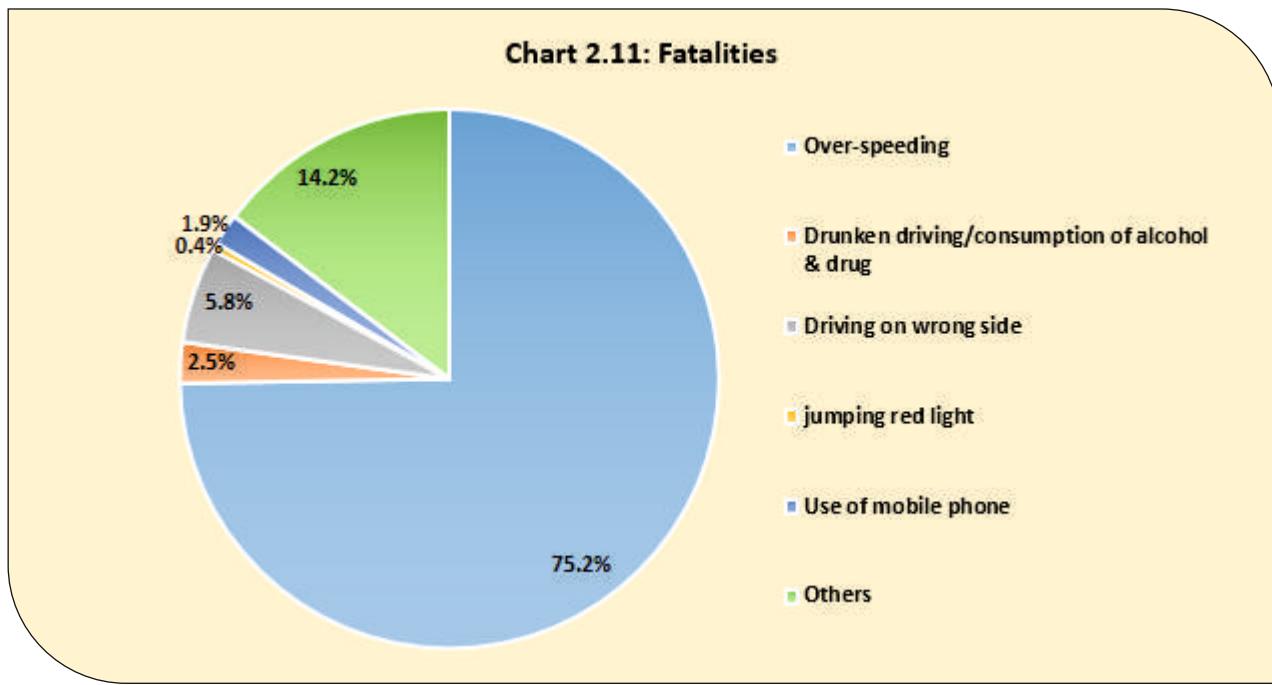
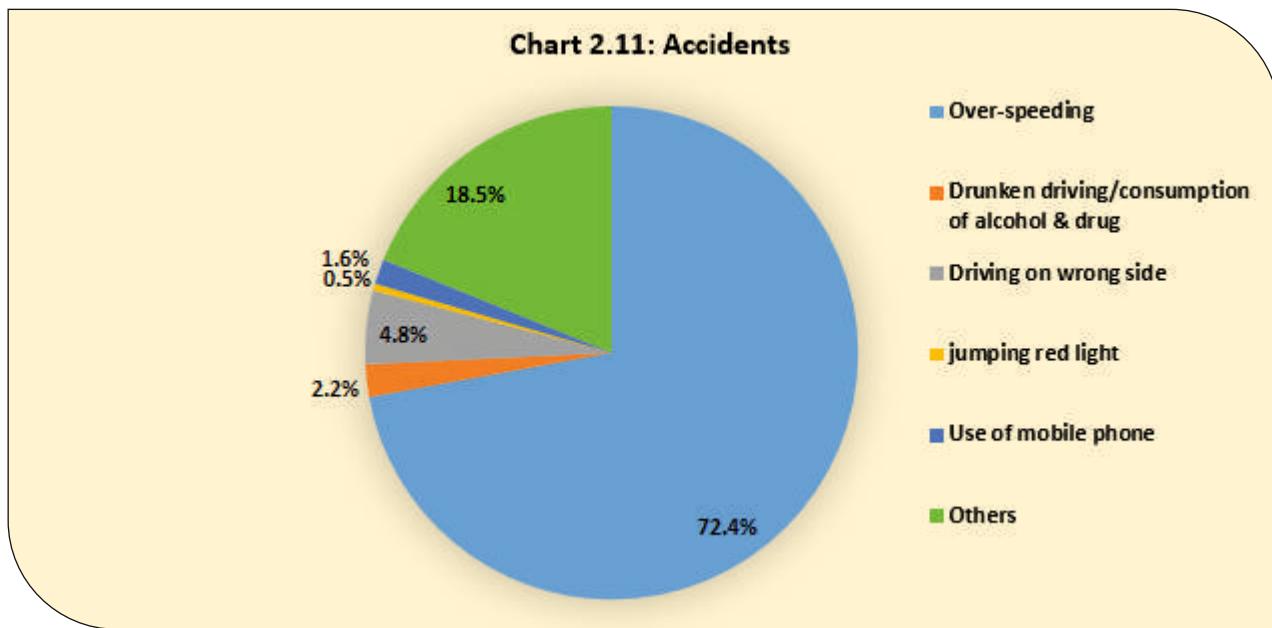
2.16. Road Accidents and Road Accident Deaths took place on different categories of NH due to Traffic rule violation is presented in the Table 2.9 and Chart 2.11. This data reveals that 'over speeding' is the major cause for road accidents and deaths. In 2022, 72.4 percent of accidents and 75.2 percent of death were recorded due to 'over speeding'. The other major traffic rule violations are 'drunken

driving/consumption of alcohol and drugs', 'jumping red light', 'driving on wrong side', 'use of mobile phones' etc. registered an increase in 2022 compared to 2021. However, the number of accidents and death due to traffic rule violation in 'Others' category showed an increase of 28.3 percent and decrease of 14.4 percent respectively in 2022 relative to same period last year.

Table 2.9: Road Accidents and Fatalities on NH by Traffic Rule Violations

Category	2021		2022		% Change	
	Accidents	Fatalities	Accidents	Fatalities	Accidents	Fatalities
Over-speeding	95,785	40,450	1,10,027	45,928	14.9	13.5
% Share	74.4	72.2	72.4	75.2		
Drunken driving/consumption of alcohol & drug	2,949	1,352	3,268	1,503	10.8	11.2
% Share	2.3	2.4	2.2	2.5		
Driving on wrong side	5,568	2,823	7,330	3,544	31.6	25.5
% Share	4.3	5.0	4.8	5.8		
Jumping red light	555	222	707	271	27.4	22.1
% Share	0.4	0.4	0.5	0.4		
Use of mobile phone	1,997	1,040	2,479	1,132	24.1	8.8
% Share	1.6	1.9	1.6	1.9		
Others	21,971	10,120	28,186	8,660	28.3	-14.4
% Share	17.1	18.1	18.5	14.2		
All India	1,28,825	56,007	1,51,997	61,038	18.0	9.0

Chart 2.11: Road Accidents and Fatalities on different categories of NH by Traffic Rule Violations in 2022



2.17. Distribution of Road Accidents and Road Accident deaths on different categories of National Highways by traffic rule violations during 2022 is presented in table 2.10. It reveals that over speeding is the largest contributor of accident and death. Other contributor like drunken driving, driving on wrong side, jumping

red light and use of mobile phone together accounted for about 9 percent of accident and 9.7 percent of fatalities on NH under NHAI. The corresponding share of NH under State PWD is about 7.7 of accident and 11.5 percent of fatality. State wise details are given in **Annexure 13-C**.

Table 2.10: Road Accidents and Road Accident deaths on different categories of National Highways by Traffic rule violations during 2022

Category	National Highways under NHAII		National Highways under State PWD		National Highways under Other department	
	Accidents	Deaths	Accidents	Deaths	Accidents	Deaths
Over-speeding	77,636	35,488	27,276	8,493	5,115	1,947
% share in Total	77.0	77.9	63.6	69.5	61.4	59.7
Drunken driving/consumption of alcohol & drug	2,196	1,012	659	306	413	185
% share in Total	2.2	2.2	1.5	2.5	5.0	5.7
Driving on wrong side	4,790	2,467	1,898	784	642	293
% share in Total	4.8	5.4	4.4	6.4	7.7	9.0
Jumping red light	530	208	119	43	58	23
% share in Total	0.5	0.5	0.3	0.4	0.7	0.7
Use of mobile phone	1,525	712	632	275	350	182
% share in Total	1.5	1.6	1.5	2.2	4.2	5.6
Others	14,095	5,664	12,462	2,341	1,775	655
% share in Total	14.0	12.4	29.1	19.0	21.2	20.1
Total	1,00,771	45,551	42,891	12,228	8,335	3,259

Road Accident and Fatalities by Road User category wise

2.18. Road accidents and fatalities on NH by various category of Road user are presented in Table 2.11. It reveals that two wheelers recorded the highest number of accident (63,115) and death (25,228) in 2022 followed by 'Cars, Taxis

and Vans'. All categories except 'bicycles' registered an increase in number of accidents and fatalities in 2022 over 2021. The state wise details furnished in **Annexure 13-B.**

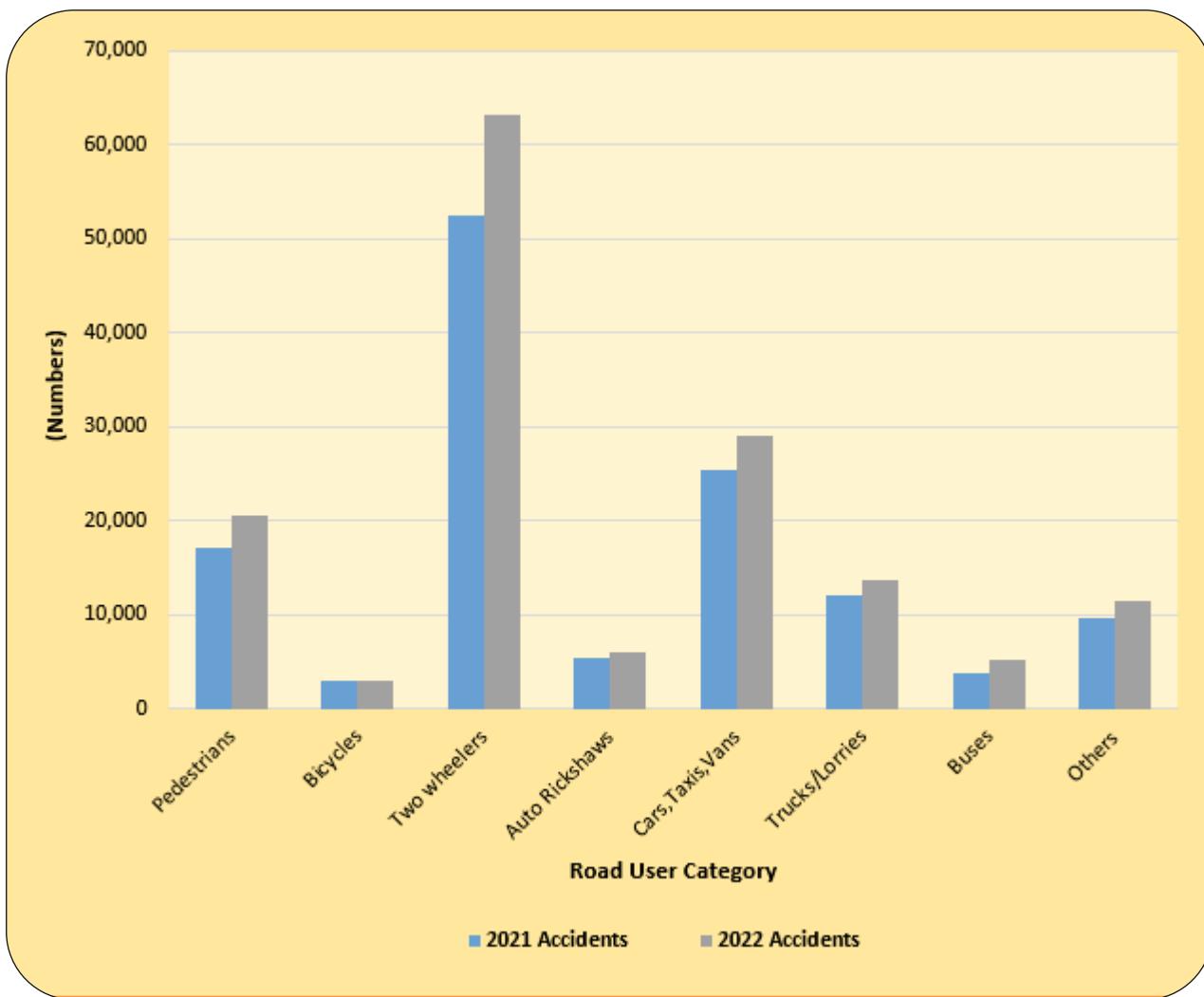
Table 2.11: Road user category wise Road Accident and Deaths on NH in 2022

Category	2021		2022		% Change	
	Accidents	Death	Accidents	Death	Accidents	Death
Pedestrians	17,113	9,462	20,513	10,160	19.9	7.4
Bicycles	3,009	1,667	3,003	1,445	-0.2	-13.3
Two wheelers	52,416	22,786	63,115	25,228	20.4	10.7
Auto Rickshaws	5,360	2,214	6,038	2,324	12.6	5.0
Cars,Taxis,Vans	25,431	9,191	29,005	10,174	14.1	10.7
Trucks/Lorries	12,075	5,008	13,619	5,572	12.8	11.3
Buses	3,738	1,397	5,268	1,798	40.9	28.7
Others	9,683	4,282	11,436	4,337	18.1	1.3
Total	1,28,825	56,007	1,51,997	61,038	18.0	9.0

2.19. Road user category wise distribution of accident and fatalities in the year 2022 is presented in Chart 2.12. The data reveals that two wheelers accounted for 41.5 percent of total accident deaths on National Highways followed by 'cars, taxis, Vans & LMVs' (19.1%),

pedestrians (13.5%), Trucks of (9%), Buses (3.5%) and bicycles (2%). The percentage share of accidents and deaths by different road users categories on NH are not much different as compared to total road network.

Chart 2.12: Road user category wise distribution of Accidents during 2021 & 2022



Profile of Road Accidents – State Highways

2.20. State Highways (SH) with 1.79 lakh kilometers of road, constitutes 2.8 percent of total road network in the country. In 2022, a total of 4,61,312 road accidents were reported (Table 2.1), of

which 1,06,682 of road accidents were on State Highways (23.13%) which killed 41,012 (24.34%) persons and caused injury to 1,06,485 (24.02%) persons (Table 2.12).

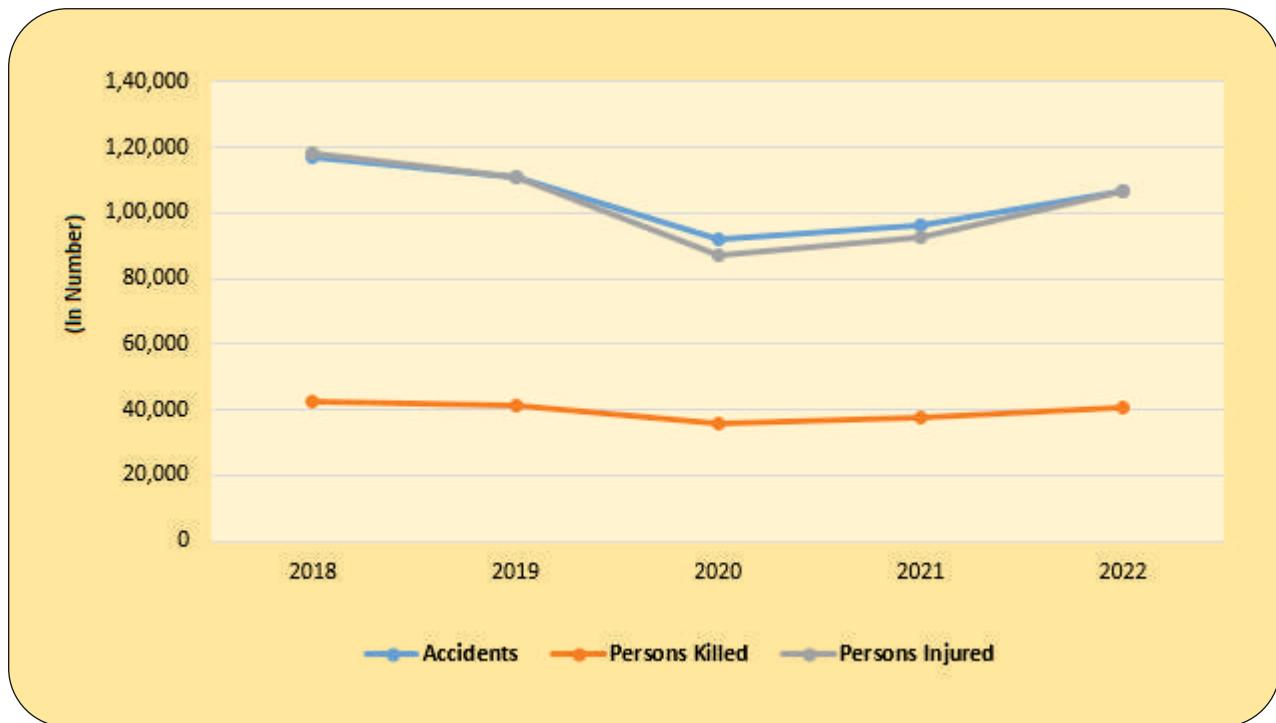
Table 2.12 Total number of Accidents, Persons Killed and Injured on State Highways

Year	Accidents	YoY Growth	Persons Killed	YoY Growth	Persons Injured	YoY Growth
2018	1,17,136		42,704		1,17,971	
2019	1,11,171	-5.1	41,461	-2.9	1,10,843	-6.0
2020	92,251	-17.0	35,754	-13.8	87,184	-21.3
2021	96,382	4.5	37,963	6.2	92,583	6.2
2022	1,06,682	10.7	41,012	8.0	1,06,485	15.0

2.21. The number of road accidents, deaths and injuries on State Highways presented in Chart 2.13 show an increasing trend since 2020. An increase

10.7%, 8% and 15% have been observed in road accidents, deaths and injuries respectively in the year 2022.

Chart 2.13: Trend in number of accidents, fatalities and injuries on State Highways



Profile of Road Accidents – Other Roads

2.22. Other roads include District Roads, Rural Roads, Urban Roads and Project Roads which together accounted for 95 percent

(60.59 lakh km) of total road network in the country. In 2022, a total of 4,61,312 road accidents were reported, of which,

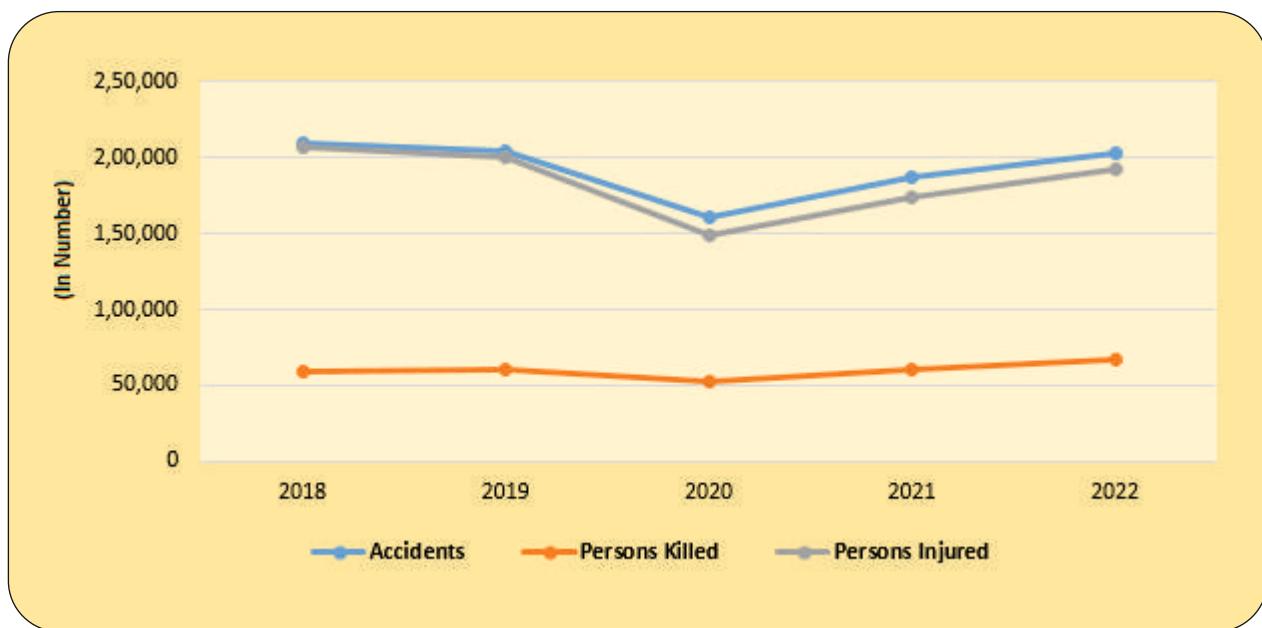
2,02,633 were on other roads, killing 66,441 people and causing injury to 1,92,529 persons. The Other roads shared about 43.93 percent of total accident and 39.43 percent of total

fatalities in the county during 2022. Number of accident and injuries reveals an increasing trend during 2020 to 2022 (Chart 2.14).

Table 2.13 Total number of Accidents, Persons Killed and Injured on Other Roads

Year	Accidents	YoY Growth	Persons Killed	YoY Growth	Persons Injured	YoY Growth
2018	2,09,046		58,579		2,06,611	
2019	2,04,731	-2.1	60,936	4.0	2,00,917	-2.8
2020	1,60,315	-21.7	52,378	-14.0	1,49,476	-25.6
2021	1,87,225	16.8	60,002	14.6	1,74,100	16.5
2022	2,02,633	8.2	66,441	10.7	1,92,529	10.6

Chart 2.14: Trend in number of accidents, fatalities and injuries on Other Roads



SECTION - 3

CAUSES OF ROAD ACCIDENTS

3.1 Road accidents are multi-causal phenomenon and are the result of an interplay of various factors. These can broadly be categorized into (i) human error, (ii) road condition/environment and (iii) vehicular condition. These factors act in an interactive manner to cause road accidents. Any strategy for designing the counter measures for

accidents may therefore be based on a safe systems approach which simultaneously recognizes the importance of traffic legislation and its enforcement for promoting education on safe road user behavior. Engineering of vehicles and roads along with emergency care may also play an important role in road safety.

I. HUMAN ERROR

3.2 Accidents caused by human error include (i) traffic rule violations (ii)

driving without valid driver license and (iii) non-use of safety devices.

TRAFFIC RULES VIOLATIONS

3.3 Road accidents attributable to various types of traffic rules violations reveals that 'over speeding' constitute the main violation associated with accidents, fatalities and injuries, in 2022 (Chart 3.1). During 2022, 'over speeding' accounting for 72.3 percent of the total road accidents, 71.2 percent of total deaths and 72.8 percent of total injuries. The number of accidents, fatalities and injuries due to "over speeding" increased by 12.8 percent, 11.8 percent and 15.2 percent respectively in 2022 relative to 2021 (Table 3.1). 'Driving on wrong side' was the second highest cause of the total road accidents during 2022 accounting for 4.9 percent.

constitute human error alone but it may be due to lack of education and enforcement. Moreover, the possible fault in road design may also be the reason of traffic rule violation, which opens the scope for road engineering measures to address problems which are *prima facie*, considered to be human error.

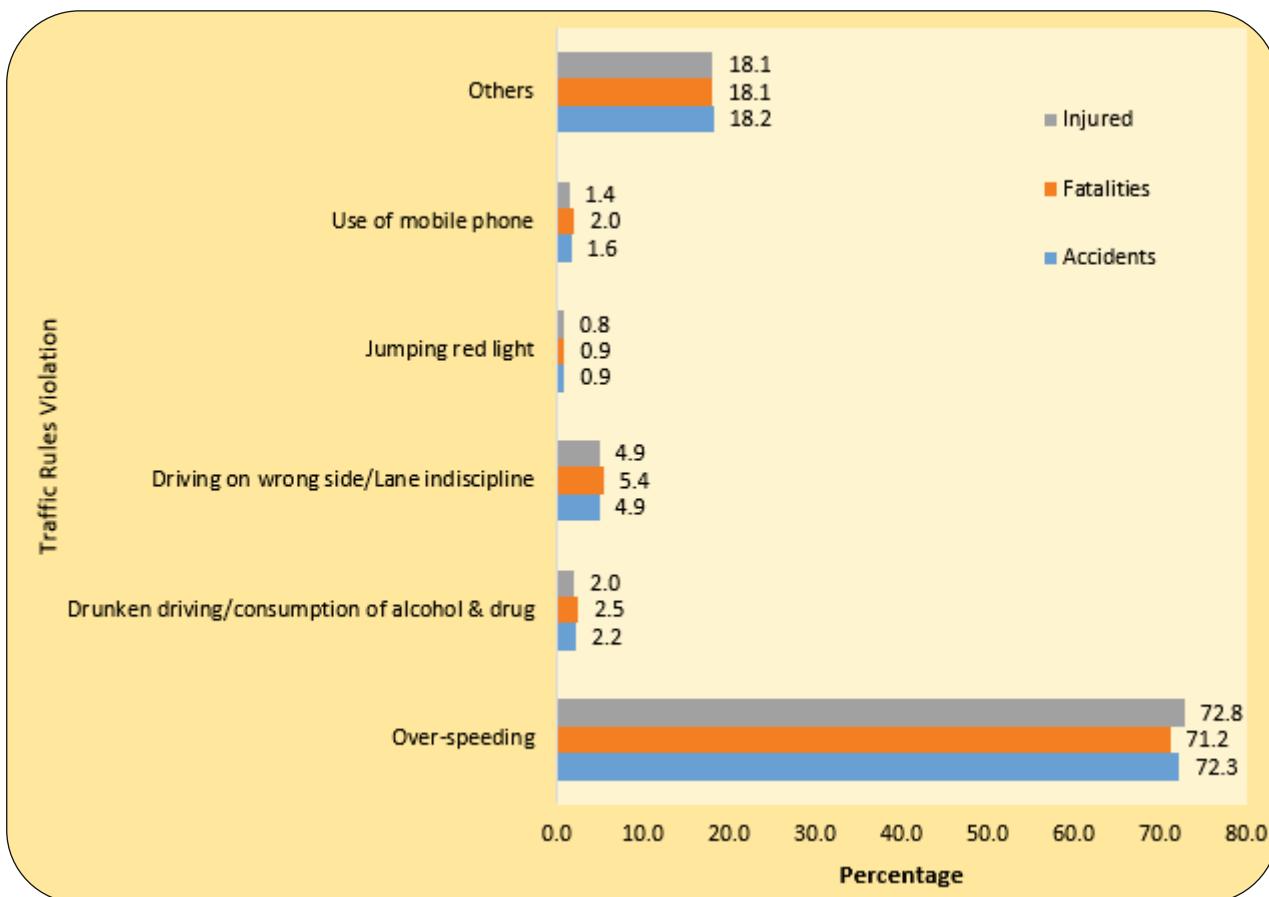
3.4 Violation of any traffic rule constitutes human error or driver's fault. However, from the perspective of road safety strategy, violations such as over speeding and driving on wrong side do not

3.5 Drunken driving/consumption of alcohol & drugs, jumping of red light and use of mobile phones taken together accounted for 7.4 percent of total accidents and 8.3 per cent of total deaths. The others category which would include reasons like road environment, vehicular condition etc. accounted for 18.2 percent of the accidents, 18.1 percent of fatalities and 18.1 percent of injuries. State wise details on various types of traffic rules violations for the year 2022 are presented in **Annexure 35**.

Table 3.1: Road Accidents by Type of Traffic Rules Violation during 2022

Category	2021			2022			% Change in 2022 over 2021		
	Accidents	Fatalities	Injured	Accidents	Fatalities	Injured	Accidents	Fatalities	Injured
Over-speeding	2,95,522	1,07,236	2,80,285	3,33,323	1,19,904	3,22,795	12.8	11.8	15.2
% share of total	71.7	69.6	72.9	72.3	71.2	72.8			
Drunken driving/ consumption of alcohol & drug	9,150	3,314	7,509	10,080	4,201	8,809	10.2	26.8	17.3
% share of total	2.2	2.2	2.0	2.2	2.5	2.0			
Driving on wrong side/Lane indiscipline	21,491	8,122	20,351	22,586	9,094	21,745	5.1	12.0	6.8
% share of total	5.2	5.3	5.3	4.9	5.4	4.9			
Jumping red light	2,203	679	1,905	4,021	1,462	3,450	82.5	115.3	81.1
% share of total	0.5	0.4	0.5	0.9	0.9	0.8			
Use of mobile phone	6,530	2,982	5,394	7,558	3,395	6,255	15.7	13.8	16.0
% share of total	1.6	1.9	1.4	1.6	2.0	1.4			
Others	77,536	31,639	69,004	83,744	30,435	80,312	8.0	-3.8	16.4
% share of total	18.8	20.5	17.9	18.2	18.1	18.1			
All India	4,12,432	1,53,972	3,84,448	4,61,312	1,68,491	4,43,366	11.9	9.4	15.3

Chart 3.1: Road Accidents by type of Traffic Rules Violation during 2022



DRIVING WITHOUT VALID DRIVER LICENSE

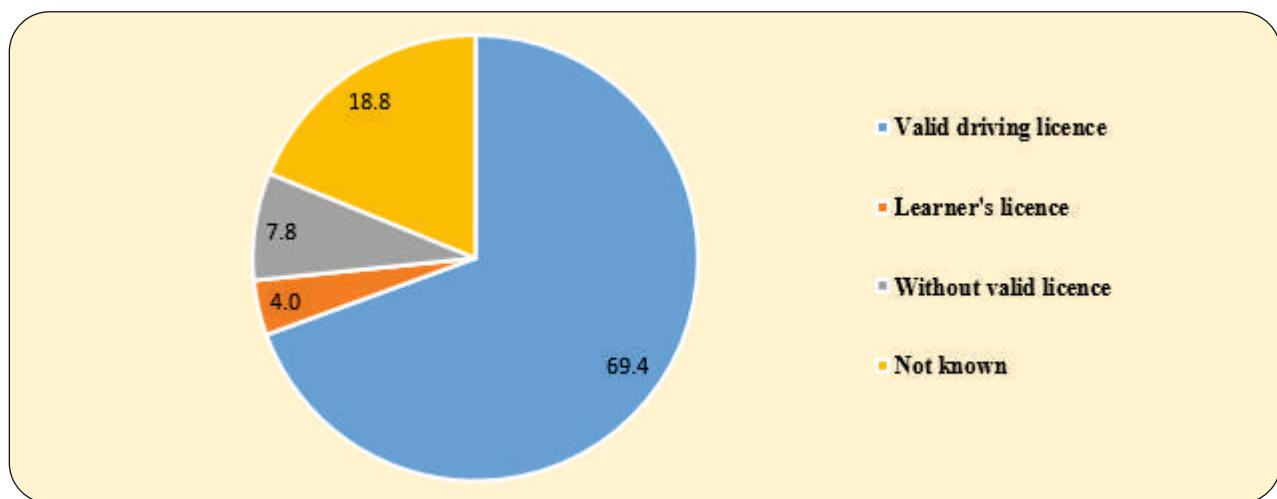
- 3.6 Vehicles driven by untrained and unqualified drivers are serious traffic hazard. Though the problem is basically an enforcement issue, it must also be addressed with better facilities and opportunities for training/skilling and evaluation/testing.
- 3.7 During 2022, road accidents involving drivers with learners' license and without valid license together constituted 11.8 per cent of total accidents (Table 3.2). The number of accident cases involving drivers without

valid driving license had reduced from 37,182 in 2021 to 35,925 in 2022, registered a decline of 3.4 percent corresponding to same period last year. Accidents involving learner's license reduced from 19,184 in 2021 to 18,298 in 2022, registering a reduction of about 4.6 percent over 2021. It may be seen in the Chart 3.2 that in 69.4 percent of the road accidents cases, the drivers were having valid driving licenses. State-wise details of road accidents classified by type of driving license are given at **Annexure-36**.

Table- 3.2: Road accidents by Type of License – (2018-2022)

Type of Licence	2018	2019	2020	2021	2022	% change in 2021 over 2020
Valid driving licence	3,45,573	3,31,967	2,64,991	2,90,261	3,20,235	10.3
% share in total	73.5	72.6	71.2	70.4	69.4	
Learner's licence	25,540	24,972	19,117	19,184	18,298	-4.6
% share in total	5.4	5.5	5.1	4.7	4.0	
Without valid licence	39,706	41,126	34,716	37,182	35,925	-3.4
% share in total	8.4	9.0	9.3	9.0	7.8	
Not known	59,584	58,894	53,357	65,805	86,854	32.0
% share in total	12.7	12.9	14.3	16.0	18.8	
Total	4,70,403	4,56,959	3,72,181	4,12,432	4,61,312	11.9

Chart 3.2: Road accidents by type of license during 2022 (in percent)



NON-USE OF SAFETY DEVICES – HELMETS AND SEATBELTS

3.8 Non-usage of safety devices such as helmets and seat belts are critical for averting fatal and grievous injuries in the event of road occurrence accidents. Helmets are mandatory for all motorists on two-wheelers, barring few exemptions. During 2022, a total of 50,029 persons

were killed who were not wearing helmet, of which 35,692 (71.3%) persons were drivers and 14,337 (28.7%) were passengers. Similarly, for the same period, 16,715 persons were killed who were not wearing seat belt. Out of 16,715, 8,384 (50.2%) were drivers and remaining 8,331

(49.8%) were passengers (Table 3.3). The table 3.3 reveals that 1,01,891 persons who got injured in road accidents, were not wearing helmet and 42,303 persons injured in road accidents were not using

seat belt in 2022. State-wise details of road accident victims classified by non-usage of helmets and Seat Belt respectively are depicted **Annexure 37** and **38**.

Table 3.3: Persons killed and injured due to non-use of safety devices (helmets and seat belts) during 2022

Category	Non-wearing of Helmet		Non-wearing of Seat Belt	
	Killed	Injured	Killed	Injured
Drivers	35,692	63,584	8,384	17,216
% Share in Total	71.3	62.4	50.2	40.7
Passenger	14,337	38,307	8,331	25,087
% Share in Total	28.7	37.6	49.8	59.3
Total	50,029	1,01,891	16,715	42,303

II. ACCIDENTS BY ROAD ENVIRONMENT

3.9 The category of road environment includes (i) accidents happening in a particular geographical area (residential, institutional, market/commercial area,

etc.), (ii) those related to the type of road features including straight, curved, steep, etc., (iii) type of junction & type of traffic control, (iv) weather condition, etc.

ROAD ACCIDENTS CLASSIFIED BY TYPE OF NEIGHBOURHOOD

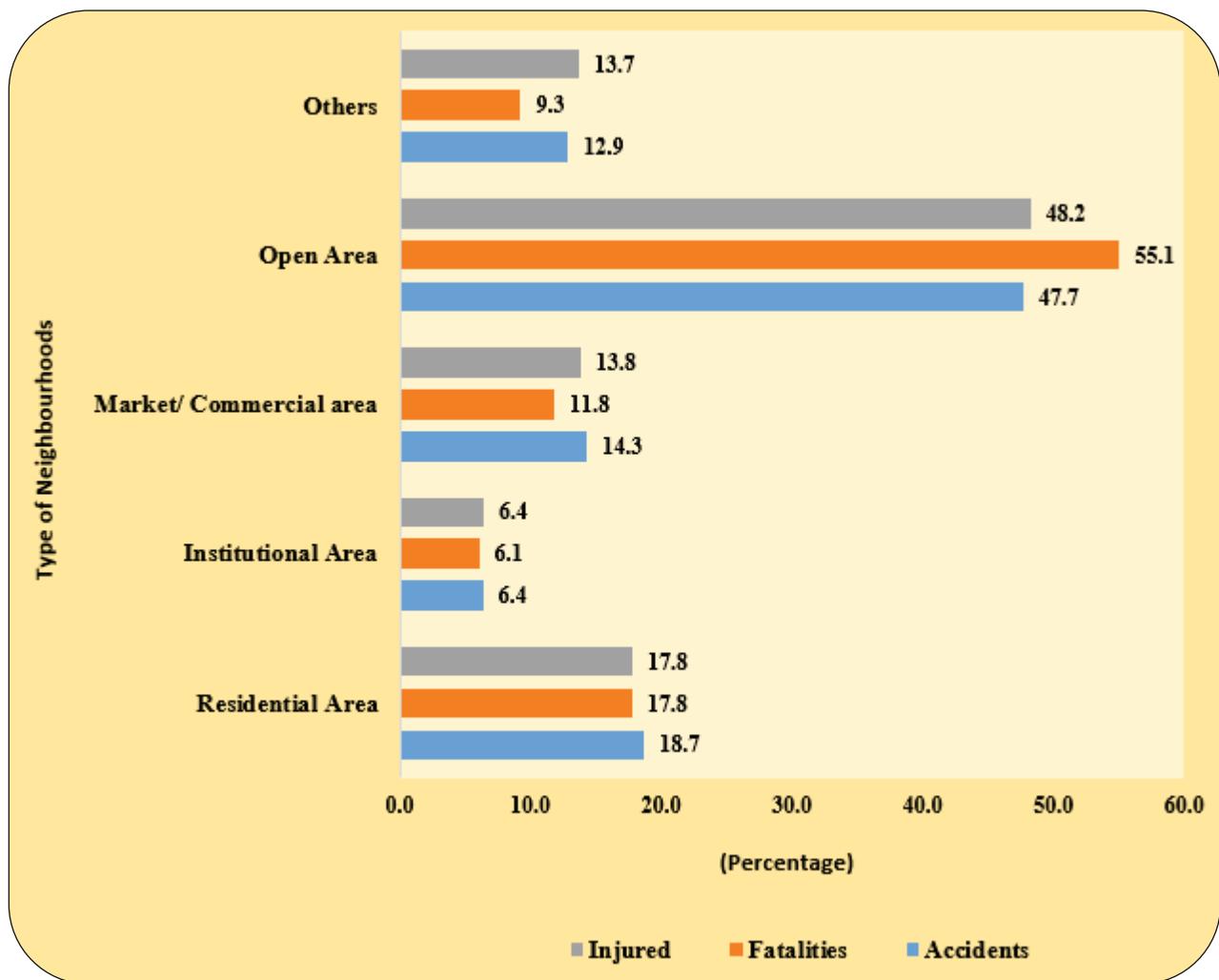
3.10 Indicators of neighbourhoods reveals that, there was an increase in number of accidents, fatalities and injuries in 2022 relative to 2021 (Table 3.4). Residential area, institutional area and market/commercial area tend to have traffic congestion and hence, higher exposure to road accidents. The data for 2022, however, reveal that 47.7 percent of accidents, 55.1 percent of death and 48.2

percent of injuries occurred in open area, i.e., locations which normally do not have any human activities in the vicinity (Chart 3.3). Residential area was in the second place with 18.7 per cent of total accidents, and 17.8 per cent of total fatalities and 17.8 percent of total injuries. Market/ commercial area accounted for 14.3 per cent of total accidents and 11.8 percent of fatalities.

Table 3.4 Accident classified by type of neighbourhoods (Residential area, institutional area and market/commercial area, open area, etc.) during 2022

Area	Total accidents			Persons killed			Persons Injured		
	2021	2022	% change	2021	2022	% change	2021	2022	% change
Residential Area	76,791	86,292	12.4	26,921	29,950	11.3	69,725	78,906	13.2
Institutional Area	28,167	29,384	4.3	9,754	10,223	4.8	26,150	28,452	8.8
Market/Commercial area	57,855	66,125	14.3	17,656	19,950	13.0	53,237	61,335	15.2
Open Area	1,93,273	2,19,988	13.8	83,489	92,772	11.1	1,80,438	2,13,878	18.5
Others	56,346	59,523	5.6	16,152	15,596	-3.4	54,898	60,795	10.7
Total	4,12,432	4,61,312	11.9	1,53,972	1,68,491	9.4	3,84,448	4,43,366	15.3

Chart 3.3 Accident classified by type of Neighbourhoods in 2022



3.11 Institutional area accommodating institutions such as schools, colleges, hospitals or large government establishments also tend to have traffic congestion on account of vehicular and pedestrian traffic. The share of accidents occurring in institutional area in the total accidents is lower than expected. It may be explained in terms of better

enforcement of traffic rules in residential, institutional and commercial areas. Open areas, normally, would be expected to have a lower enforcement presence, thereby prone to dangerous driving and traffic rules violations. **Annexure-21** gives State-wise figures of accidents by type road environment

ROAD ACCIDENTS CLASSIFIED BY ROAD FEATURES

3.12 Road features such as sharp curves, potholes and steep grade tend to be accident prone because it may require skill, extra care and alertness to negotiate these road features. During 2022, there were marginal increase in number of accidents, fatalities and injuries on curved roads, potholes, bridges, culvert and steep grade as compared to 2021 (Table 3.5). In respect of straight roads, accident parameters revealed an increasing trend.

corroborates the high percentage of road accidents, persons killed and injured (varying in the range of 66-67%) on these roads. The data, however, suggests that road safety measures must not be ignored in even straight road stretches which are normally considered to be less risky. Road sections where construction work was in-progress had accounted for 2.0 per cent of total accidents in 2022.

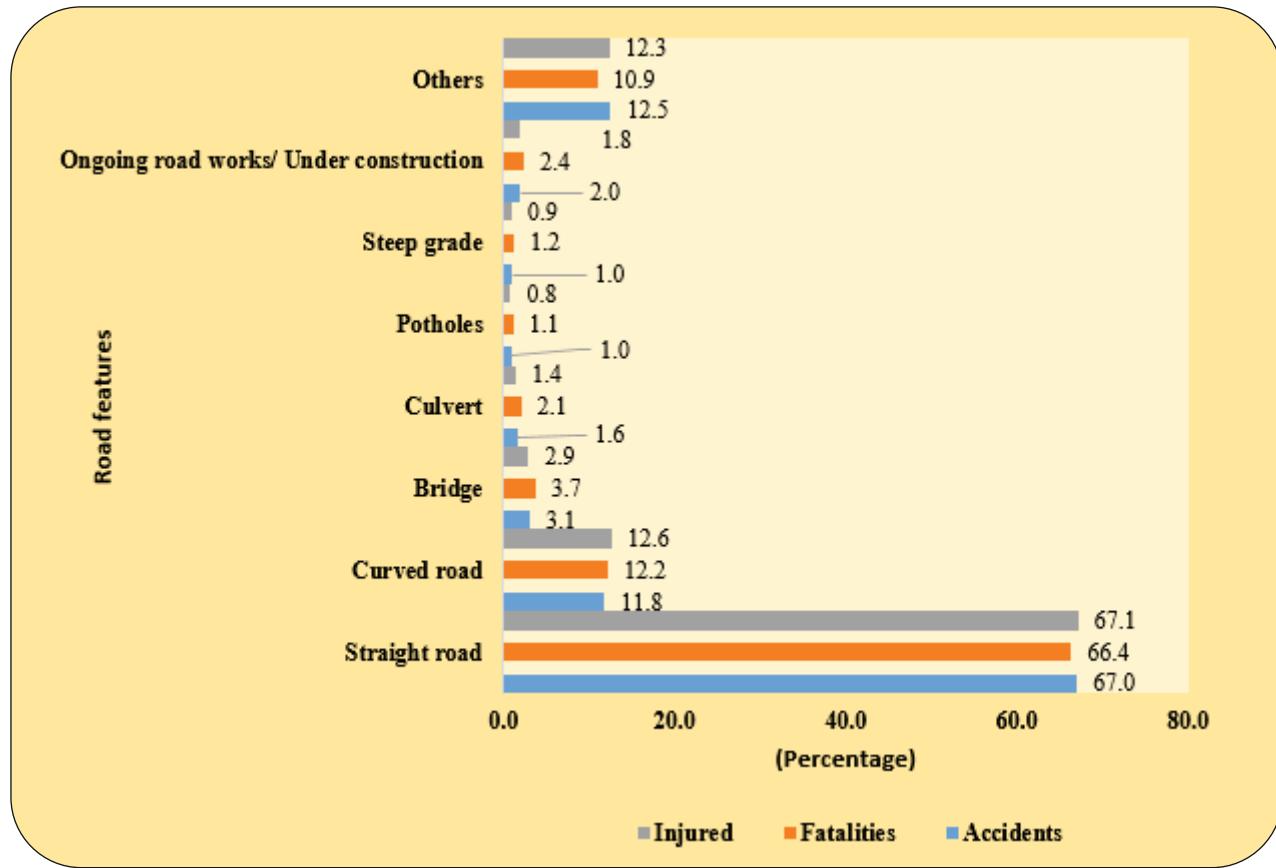
3.13 The data for 2022 reveals that 67.0 per cent of accidents occurred on straight roads, whereas accidents on curved roads, pothole roads and steep grade together accounted for 13.8 per cent of the total road accidents (Chart 3.4). Vehicle speed tends to be high on straight roads in open areas which

3.14 The categories of the Curved Road, Culvert, Potholes and ongoing road works/ works under construction etc. need to be the focus of attention for the engineers maintaining these roads at the National/State and local levels with safety signages installed at the appropriate spots. State-wise details of these are furnished in **Annexure 22**.

Table 3.5: Accidents, Persons killed and Injuries by Road Feature

Road feature	Number of accidents			Persons killed			Persons injured		
	2021	2022	%age change	2021	2022	%age change	2021	2022	%age change
Straight road	2,78,218	3,09,247	11.2	1,02,623	1,11,815	9.0	2,59,402	2,97,694	14.8
Curved road	49,581	54,593	10.0	19,120	20,573	8.0	48,888	55,866	14.0
Bridge	12,709	14,111	11.0	5,337	6,258	17.3	11,546	13,062	13.1
Culvert	6,663	7,384	11.0	2,960	3,473	17.0	6,029	6,309	5.0
Potholes	3,625	4,446	22.6	1,481	1,856	25.3	3,103	3,734	20.3
Steep grade	3,967	4,475	13.0	1,635	2,056	26.0	3,398	4,089	20.0
Ongoing road works/ Under construction	9,075	9,211	1.5	4,014	4,054	1.0	7,539	7,955	5.5
Others	48,594	57,845	19.0	16,802	18,406	10.0	44,543	54,657	23.0
Total	4,12,432	4,61,312	11.9	1,53,972	1,68,491	9.4	3,84,448	4,43,366	15.3

Chart 3.4: Accidents, Persons killed and Injuries by Road Feature in 2022



ACCIDENTS BY ROAD JUNCTION TYPE & TRAFFIC CONTROL

3.15 Road junctions are points where traffic merges and hence are prone to accidents. However, the data furnished by States/UTs reveals that only 22.3 percent of the accidents took place at various types of junctions, whereas 77.7 percent of the accidents took place in the "Others" category in 2022 as mentioned in the Table 3.6. Similarly, about 19.6

percent of fatalities took place on various junctions in 2022. Within the Junction's category, "T-Junction" accounts for the largest share of accidents, persons killed and injured. The State-wise details of accidents by road junction type are furnished in Annexure 23.

Table 3.6: Accident by Type of Road Junction at the All India: 2021-2022

Junction Type	Number of accidents			Persons killed			Persons injured		
	2021	2022	%age change	2021	2022	%age change	2021	2022	%age change
T-Junction	37,020	39,871	7.7	11,783	12,101	2.7	34,092	37,174	9.0
Share in Total	9.0	8.6		7.7	7.2		8.9	9.7	
Y-Junction	15,527	16,704	7.6	5,384	5,677	5.4	13,671	15,432	12.9
Share in Total	3.8	3.6		3.5	3.4		3.6	4.0	
Four arm Junction	18,703	19,898	6.4	5,739	5,772	0.6	16,216	17,628	8.7
Share in Total	4.5	4.3		3.7	3.4		4.2	4.6	
Staggered Junction	14,111	15,002	6.3	5,160	5,415	4.9	12,678	13,533	6.7
Share in Total	3.4	3.3		3.4	3.2		3.3	3.5	
Round about Junction	13,210	11,410	-13.6	4,603	4,051	-12.0	12,147	10,636	-12.4
Share in Total	3.2	2.5		3.0	2.4		3.2	2.8	
Others	3,13,861	3,58,427	14.2	1,21,303	1,35,475	11.7	2,95,644	3,48,963	18.0
Share in Total	76.1	77.7		78.8	80.4		76.9	90.8	
Total	4,12,432	4,61,312	11.9	1,53,972	1,68,491	9.4	3,84,448	4,43,366	15.3

TRAFFIC CONTROL

3.16 Different junctions have different types of traffic control measures such as traffic light signals, police-controlled signals, stop sign signals, flashing signals/blinkers and uncontrolled signals. The Table 3.7 reveals that highest number of accidents, persons killed and injured took place on 'uncontrolled crossings'

which accounted for 16.1% of the total accidents, 14.8% of the people killed and 15.5% of the people injured in 2022. Further, it is noted that the maximum reduction of accidents on junctions took place under the category of "Flashing signal/blinkers" in the accident, persons killed and persons injured category.

Table 3.7: Accidents, Persons Killed and Injured by Type of Traffic Control: 2021-2022

Junction type	Number of accidents			Persons killed			Persons injured		
	2021	2022	%age change	2021	2022	%age change	2021	2022	%age change
Traffic light signal(a)	8,573	9,746	13.7	2,226	2,238	0.5	7,484	8,913	19.1
Share in Total	2.1	2.1		1.4	1.3		1.9	2.0	
Police Controlled(b)	7,256	8,804	21.3	2,070	2,421	17.0	6,496	7,733	19.0
Share in Total	1.8	1.9		1.3	1.4		1.7	1.7	
Stop Sign(c)	4,494	5,060	12.6	1,595	1,842	15.5	3,914	4,510	15.2
Share in Total	1.1	1.1		1.0	1.1		1.0	1.0	
Flashing Signal/Blinker(d)	5,093	4,927	-3.3	1,705	1,658	-2.8	4,616	4,414	-4.37
Share in Total	1.2	1.1		1.1	1.0		1.2	1.0	
Uncontrolled(e)	73,155	74,348	1.6	25,073	24,857	-0.9	66,294	68,833	3.8
Share in Total	17.7	16.1		16.3	14.8		17.2	15.5	
Others	3,13,861	3,58,427	14.2	1,21,303	1,35,475	11.7	2,95,644	3,48,963	18.0
Share in Total	76.1	77.7		78.8	80.4		76.9	78.7	
Total	4,12,432	4,61,312	11.9	1,53,972	1,68,491	9.4	3,84,448	4,43,366	15.3

ROAD ACCIDENTS BY WEATHER CONDITION

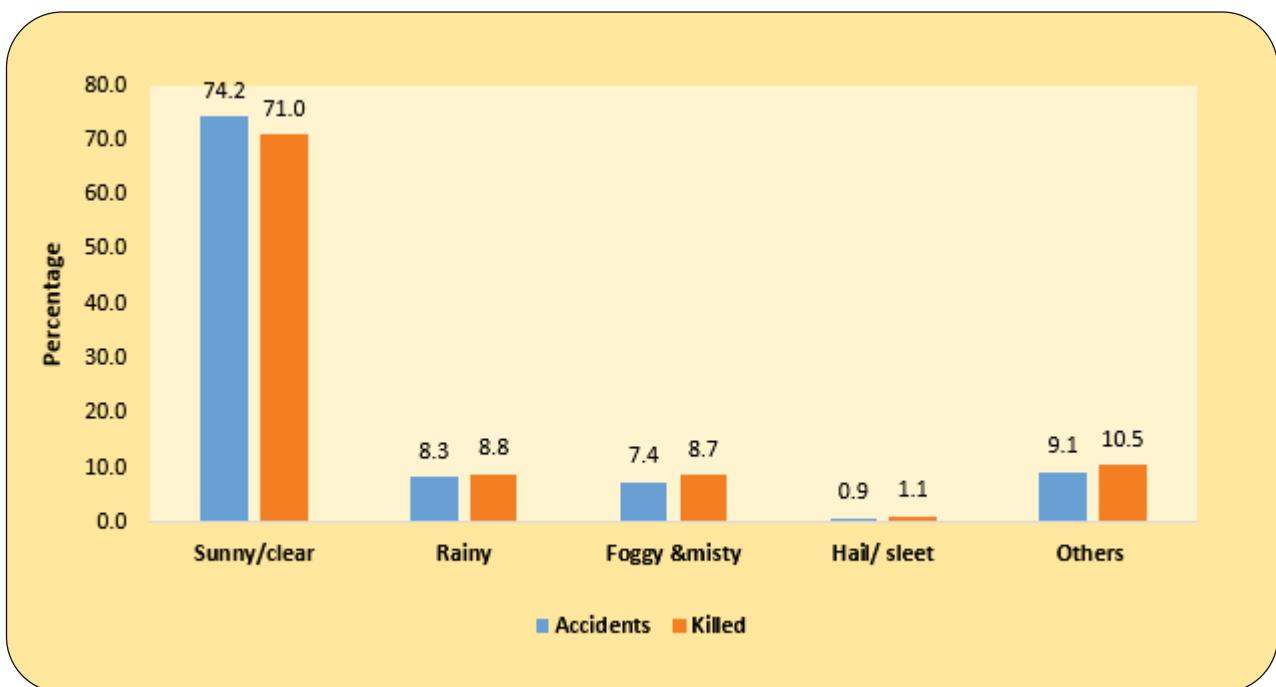
3.17 Weather condition affects road surface condition and the visibility of the drivers, thereby increasing the chances of mishaps. Adverse weather conditions such as heavy rain, thick fog and hail storms make driving riskier as visibility reduces and road surface gets slippery. The data of road accidents for 2022, however, showed almost three fourth of

the accidents and fatalities took place under sunny/clear weather (Table 3.8 and Chart 3.5). Accidents under adverse weather conditions such as rainy, foggy and hail/sleet accounted for 16.6 percent of total road accidents during 2022. The State-wise details of accidents by weather condition are furnished in Annexure 25.

Table 3.8: Road Accidents by Weather Condition (2021-2022)

Weather condition	No of accidents			Persons killed			Persons injured		
	2021	2022	%age change	2021	2022	%age change	2021	2022	%age change
Sunny/clear	2,99,305	3,42,516	14.4	1,05,805	1,19,585	13.0	2,84,176	3,32,586	17.0
Rainy	36,432	38,329	5.2	14,455	14,773	2.2	33,416	36,950	10.6
Foggy & misty	28,934	34,262	18.4	13,372	14,583	9.1	25,360	30,796	21.4
Hail/ sleet	3,911	4,083	4.4	1,872	1,871	-0.1	3,296	3,621	9.9
Others	43,850	42,122	-3.9	18,468	17,679	-4.3	38,200	39,413	3.2
Total	4,12,432	4,61,312	11.9	1,53,972	1,68,491	9.4	3,84,448	4,43,366	15.3

Chart 3.5: Road accidents by weather condition during 2022

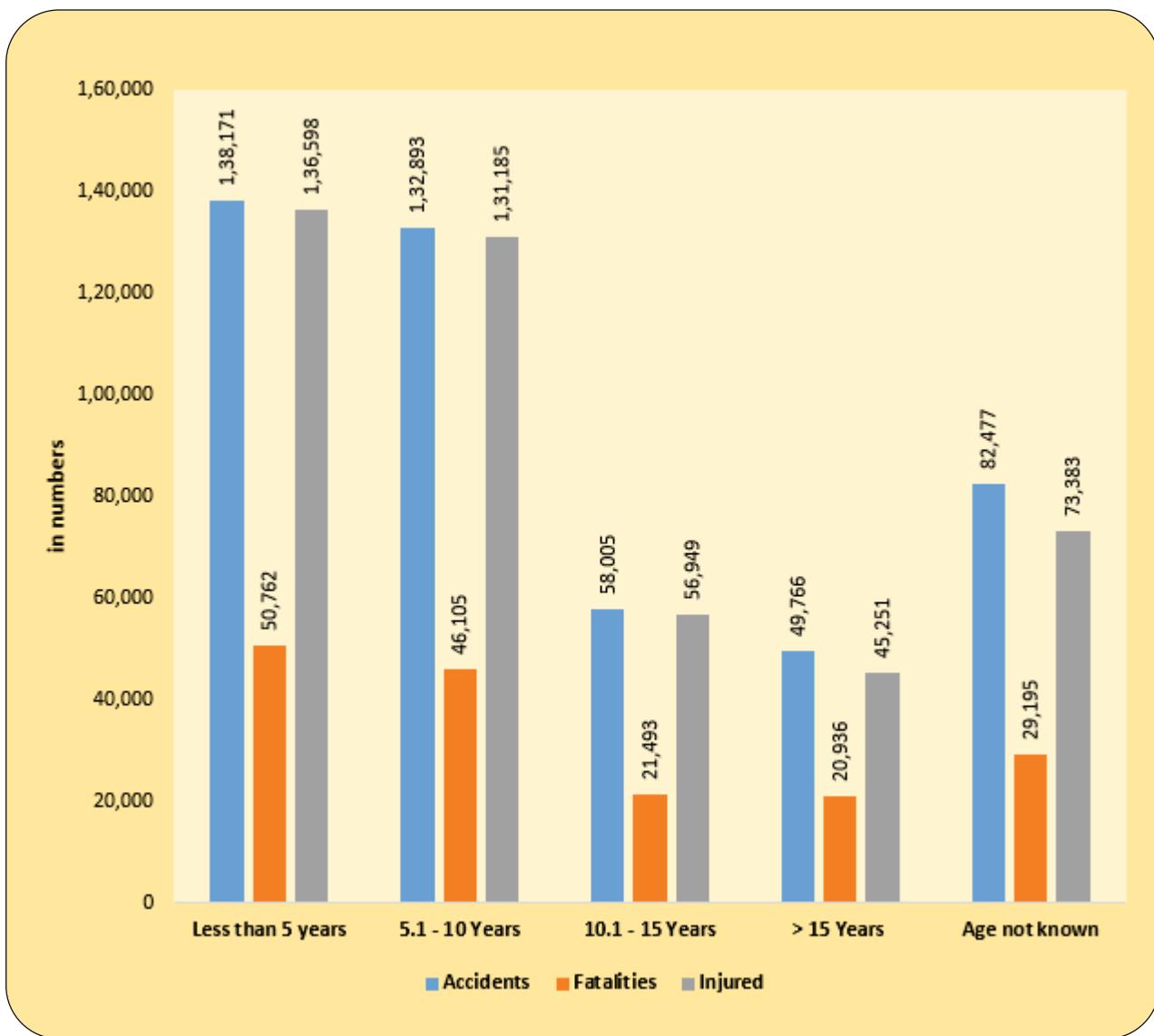


III. ACCIDENTS CLASSIFIED BY VEHICULAR CONDITION

3.18 Age of vehicles involved in road accidents is meant to throw some light on prevalence of aged or over-aged vehicles on the roads. Old vehicles tend to have break downs more frequent malfunction lack of safety. In 2022, a total of 1,38,171 road accidents happened involving

vehicles less than 5 years (Chart 3.6) and the highest number of death i.e. 50,762 reported involving vehicles less than 5 years. State-wise distribution of accidents classified according to the age of Impacting vehicle is given in **Annexure 27**.

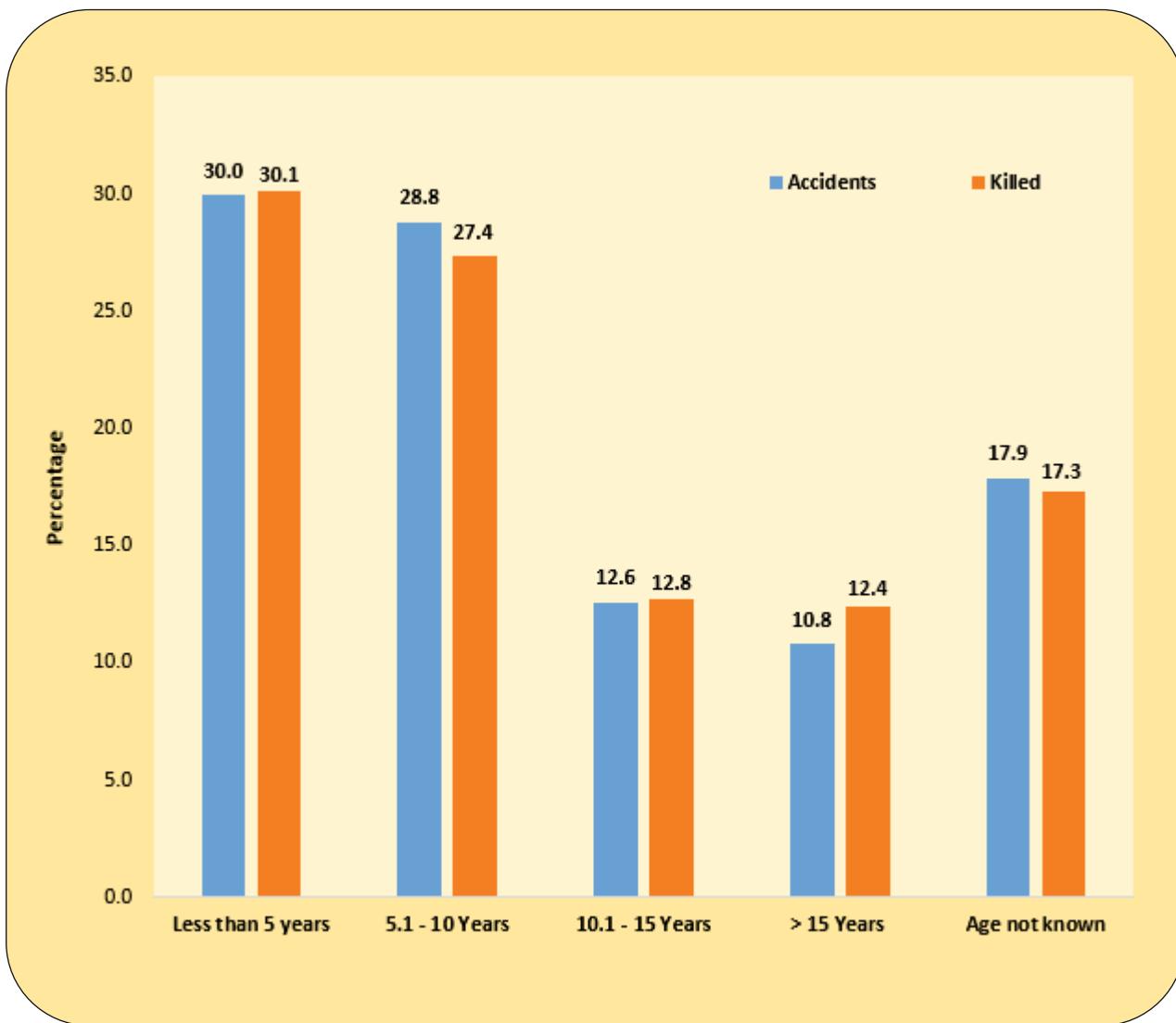
Chart 3.6: Accidents classified according to Age of Impacting Vehicle during 2022



3.19 Road accident statistics for 2022 reveals that vehicles with age of below 10 years accounted for more than 58.8 percent of accident and 57.5 percent of death during 2022 (Chart 3.7). The vehicles with 10-15 years of age, accounted for 12.6 percent of accidents, vehicles over 15 years accounted for 10.8 per cent of total accidents and vehicles with age not

known accounted for another 17.9 percent of the total accidents in 2022. Similarly, vehicles with 10-15 years of age, accounted for 12.8 percent of accidents related deaths, vehicles of over 15 years accounted for 12.4 per cent and vehicles with age not known accounted for another 17.3 percent of the total accidents related deaths.

Chart 3.7: Accidents classified according to Age of Impacting Vehicle during 2022

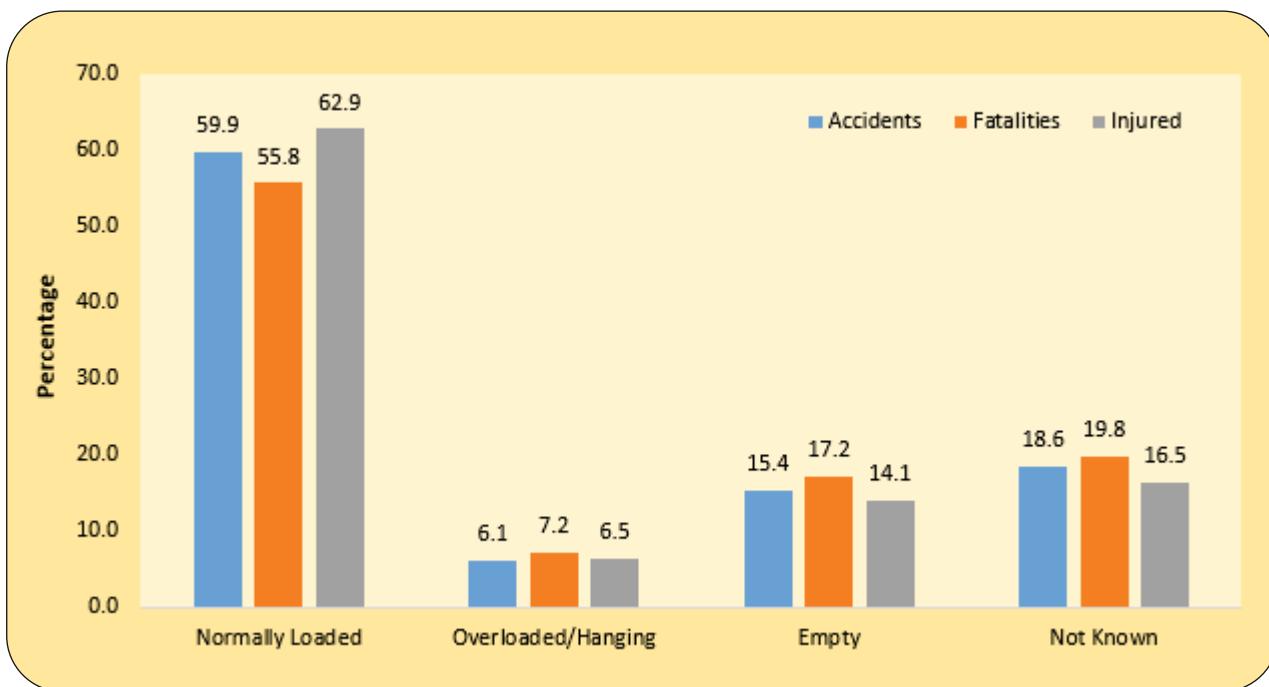


OVERLOADING

3.20 Overloaded vehicles and vehicles with loads protruding/hanging are road traffic hazard, risking accident for itself and for other road users. Overloaded vehicles accounted for a share of 6.1 percent of total accidents, 7.2 percent of total killed and 6.5 percent of the injured in 2022 (Chart 3.8). Further, it is inferred that

largest number of accidents, accident-related deaths, and injuries had reported in the category of normally loaded vehicles. State-wise figures of accidents classified by vehicular load conditions for the year 2022 are furnished in **Annexure 28**.

Chart: 3.8 Accidents classified according to Load Condition during 2022



SECTION - 4

ROAD ACCIDENT FATALITY

4.1. Expansion in the road network, surge in motorization and a rising population of a country may have role in increasing numbers of road accidents, accident-related injuries and fatalities. In India, road crashes claimed about 1.68 lakh lives and left more than 4.4 lakh people

injured in 2022. Road accidents are the leading cause of deaths and disabilities of commuters. The number of total accidents, fatal accidents and number of persons killed in road accidents over the period 2018 to 2022 is shown in Table 4.1.

Table 4.1: Trends in the number of Accidents, Fatal Accident and number of persons killed (2018-2022)

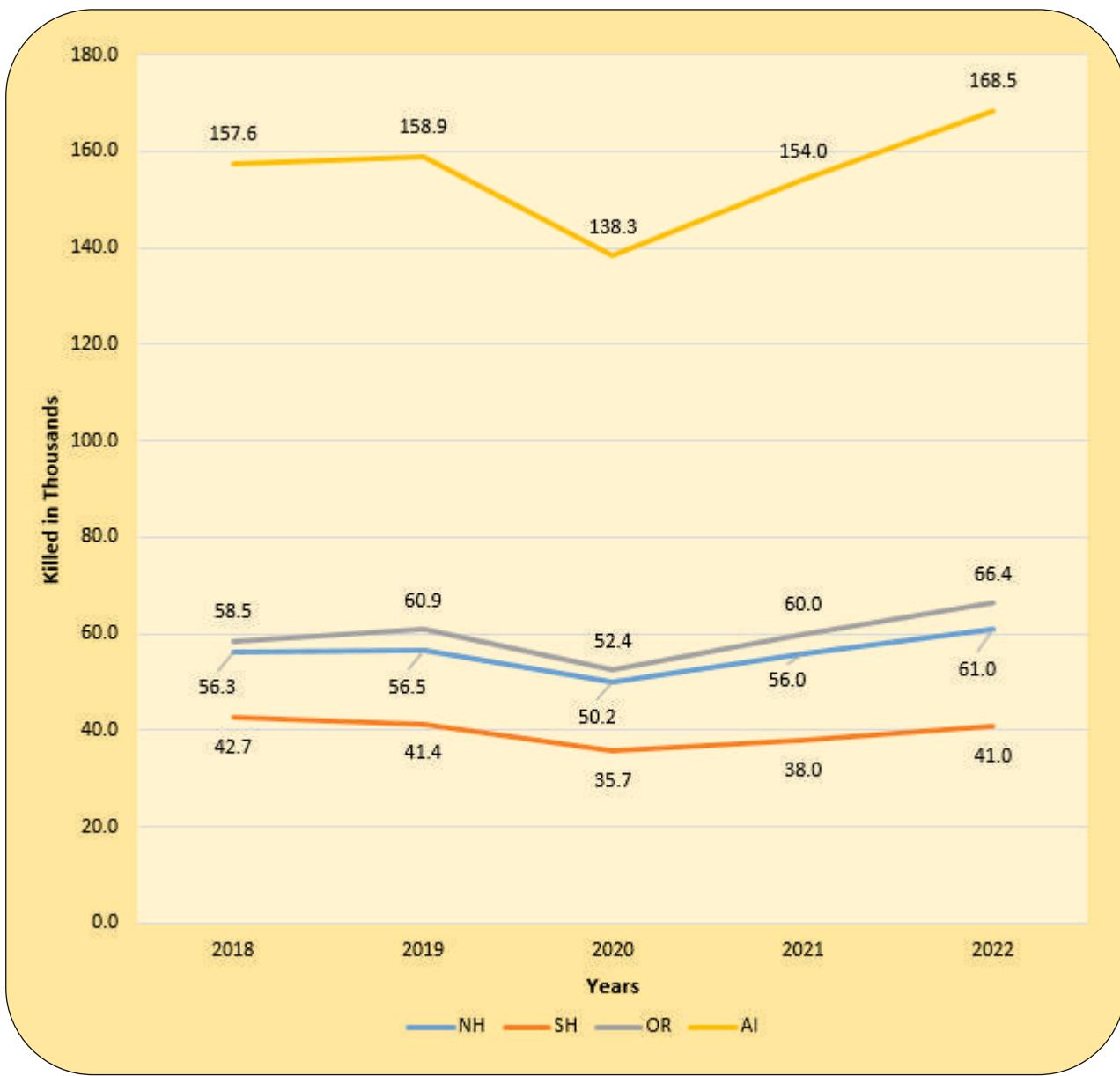
Year	Total Accidents	Fatal Accidents	Percentage Share	Persons Killed
2018	4,70,403	1,43,738	30.6	1,57,593
2019	4,56,959	1,45,332	31.8	1,58,984
2020	3,72,181	1,27,307	34.2	1,38,383
2021	4,12,432	1,42,163	34.5	1,53,972
2022	4,61,312	1,55,781	33.8	1,68,491

LONG RUN TREND IN ROAD ACCIDENT FATALITIES

4.2. With some marginal fluctuations, the trend of number of persons killed in road accident had been increasing and slightly decreased in 2020, it may be due to imposition of lockdown during COVID-19, and again seen as increasing trend since then (Chart 4.1). Category wise distribution of fatalities across various category of road reveals that State

Highways with 2.8 percent of total network recorded 24.3 percent of fatalities, whereas National Highways with 2.1 percent of total road network in the country accounted for 36.2 percent of accident deaths in 2022. Other Roads with 95 percent of road network in the country accounted for 39.4 percent of accident deaths in 2022 (Table 1.3)

Chart 4.1: Trends in number of Persons Killed in road accidents



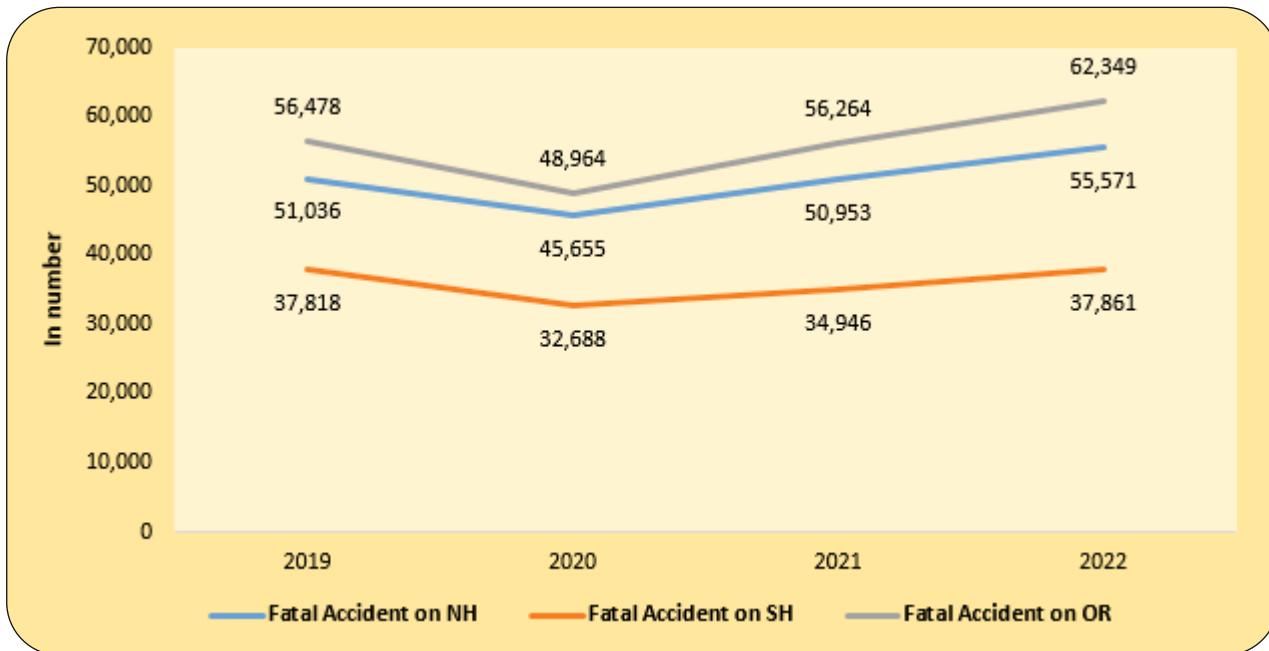
NH- National Highways, SH- State Highways, OR-Other Roads, AI- All India

FATAL ROAD ACCIDENT BY CATEGORY OF ROADS

- 4.3. A road accident may cause loss of life, grievous injury and minor injury to the road-users. An accident which resulted in death of one or more person is a fatal accident. In 2022, out of 4,61,312 road accidents, 1,55,781 (33.8%) were fatal accidents (Table 4.1). The trend of fatal road accidents by category of road

presented in the Chart 4.2 shows a smaller number of fatal accidents took place on State Highways during 2019 to 2022. Trends of total number of fatal accidents on National Highways and Other Roads had remained largely stable with marginal changes over the years.

Chart 4.2: Trends in number of Fatal Accidents by category of roads (2019-2022)

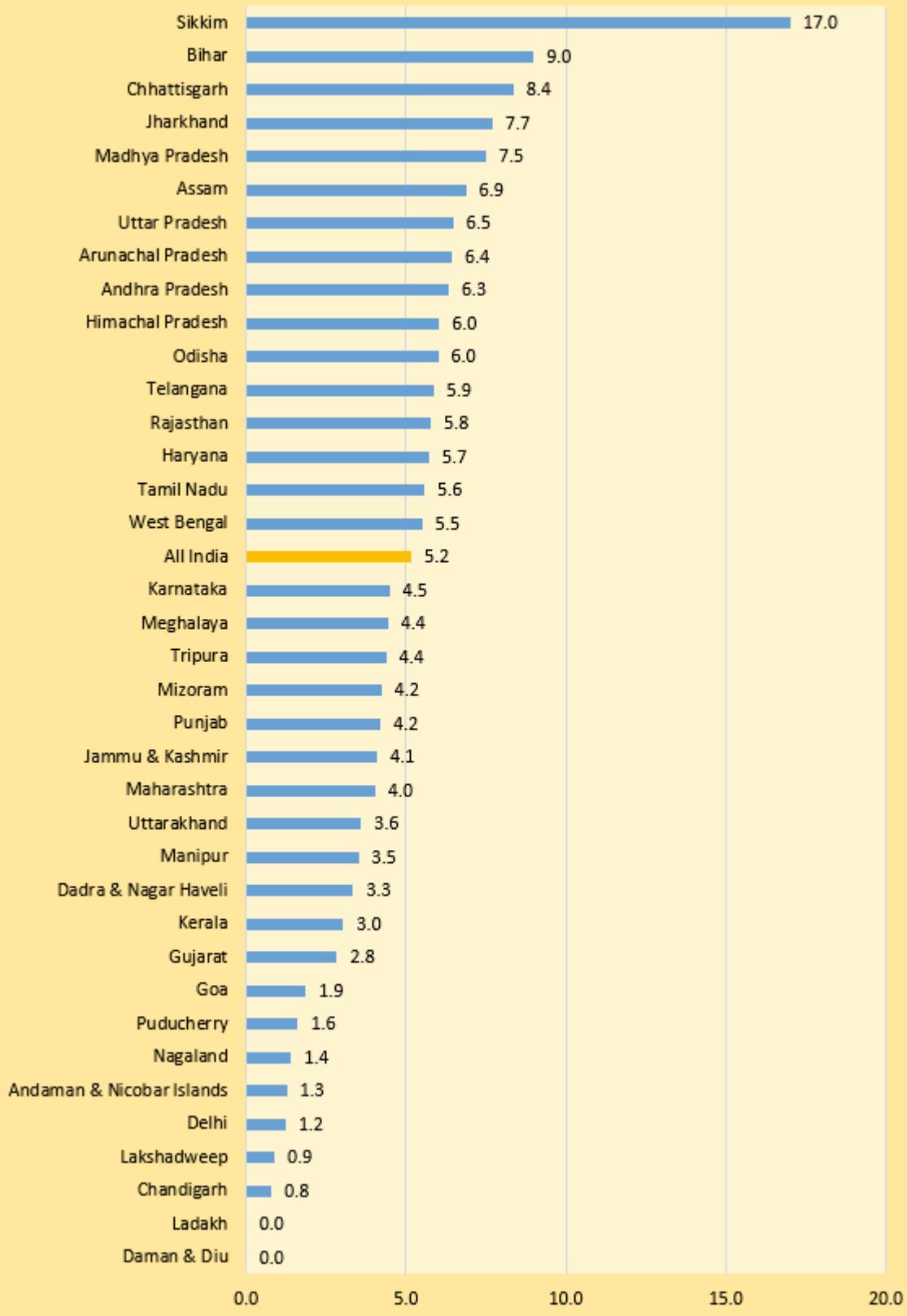


FATALITY RATE

- 4.4. Fatality rate is used to explain road accidents relative to vehicular population in the country. It is measured by the number of road accident fatalities per 10,000 vehicles (Vehicles data is from latest Road Transport Year Book 2019-20). National average accident fatality rate recorded 5.2 in 2022 (Chart 4.3).
- 4.5. The fatality rate may be useful for comparing road safety across States, particularly those with similar levels of motorization. Comparing the number of road fatalities in relation to the number of vehicle-kilometers driven (total distance travelled by motor vehicles) may provide a better indicator for assessing the risk of travelling on a given road network. The number of traffic deaths in relation to the number of registered vehicles sometimes may serve as an approximation for the fatality rate in the absence of data on distance travelled.
- 4.6. Road traffic-related fatality rate differs

among the States (Chart 4.3). During 2022, Sikkim (17.0) recorded highest fatality rate followed by Bihar (9.0). About fifty percent of States have fatality rate above National average of 5.2 during 2022. Union Territories recorded fatality rate lower than the National average. It may be noted that the States like Gujarat (2.8), Kerala (3.0), Tamil Nadu (5.6), and Maharashtra (4.0) have larger share in total accident and persons killed in 2022, however, recorded fatality rate lower than the National average. Generally, States with larger share of road network and registered motor vehicles accounted for relatively higher fatality rate. However, Maharashtra with largest roads network (62,8715 Km with 11.6 % share in 2019) and highest number of registered motor vehicles in the country (37.78 million, 11.5% in 2020), recorded fatality rate of 4.0 which is lower than the national average.

Chart 4.3: State/UT wise distribution of Fatality Rate during 2022



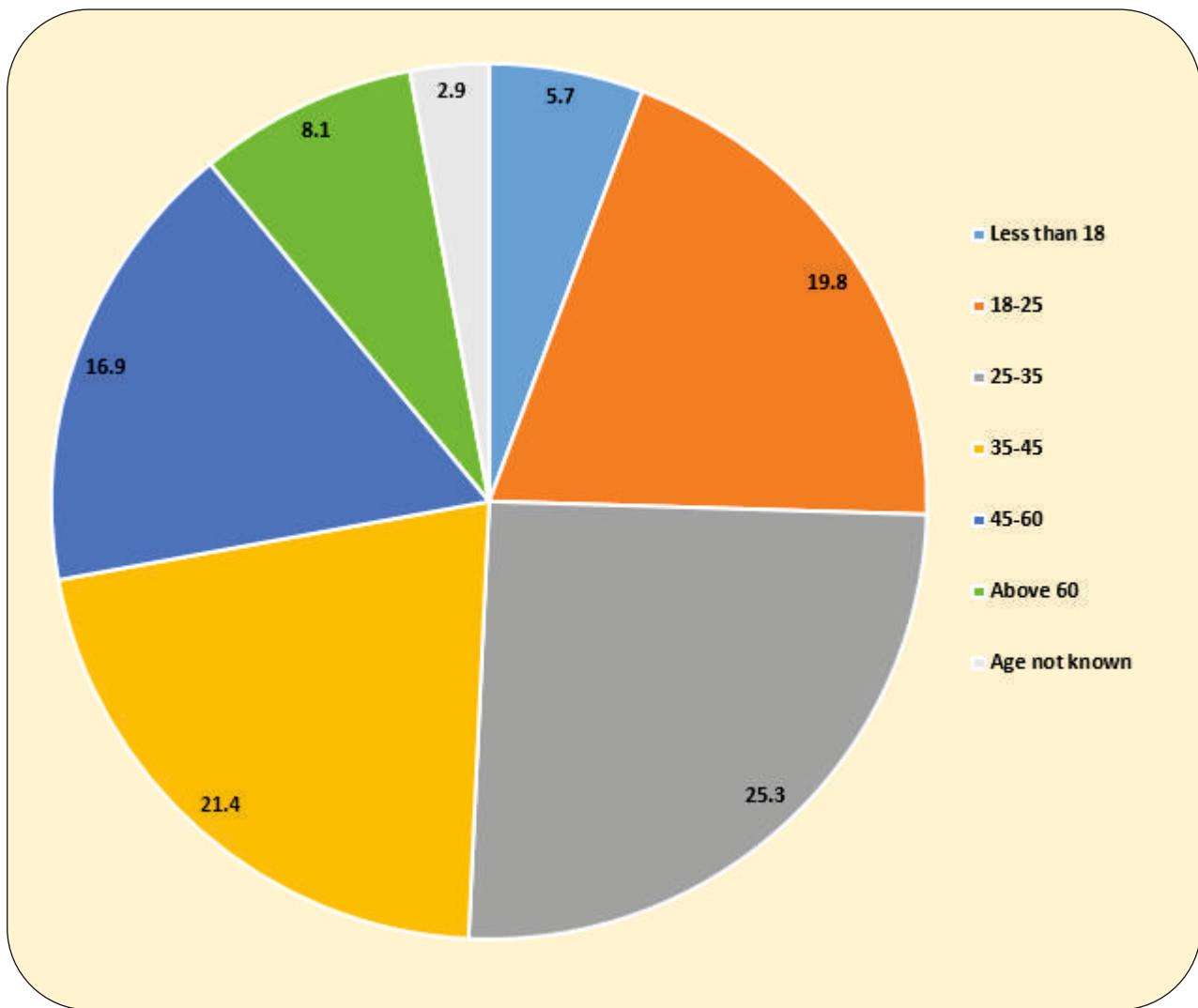
AGE PROFILE OF ROAD ACCIDENT VICTIMS

- 4.7 Age profile of fatal road accident victims during the last two years presented in Table 4.2 reveals that road accident victims largely constitute young people. The age groups of 18-45 accounted for 66.5 percent of total accident deaths in 2022(Chart 4.4). Road accident victims largely constitute young people in the productive age underscoring major implication on socio-economic cost of the nation, apart from their emotional and psychological impact on family, society and nation.
- 4.8. The working age group of 18-60 accounted for 83.4 percent of total road accident deaths (Chart 4.4) in the country. The percentage change in Road deaths in the age group of less than 18 are 5.7% in 2022 which is lowest in age profile. State-wise details are provided at **Annexure 30**.

Table 4.2: Age profile of Fatal Road Accident victims during 2021 to 2022

Age-group	Number of Persons killed		% age change in 2022 over 2021
	2021	2022	
Less than 18	7,764	9,528	22.7
% Share in total	5.0	5.7	
18-25	31,750	33,350	5.0
% Share in total	20.6	19.8	
25-35	39,646	42,671	7.6
% Share in total	25.7	25.3	
35-45	32,741	36,051	10.1
% Share in total	21.3	21.4	
45-60	26,085	28,407	8.9
% Share in total	16.9	16.9	
Above 60	11,739	13,636	16.2
% Share in total	7.6	8.1	
Age not known	4,247	4,848	14.2
% Share in total	2.8	2.9	
Total	1,53,972	1,68,491	9.4

Chart 4.4: Age profile of Fatal Road Accident victims during 2022 (in percent)



GENDER AND AGE PROFILE OF FATAL ROAD ACCIDENT VICTIMS

4.9. The gender-wise comparison of road accident deaths for the year 2022 reveals that total number of male and female killed were 1,45,177 (86.2%) and 23,314 (13.8%) respectively. The gender-wise distribution of fatal road accident victims in 2022 shows largest number of deaths

recorded in young people's age group i.e. 18-45. In this age group of 18-45, number of male and female were 98,438 and 13,634 respectively (Table 4.3). State-wise, gender-wise breakup of accident victims are presented at **Annexure 30**.

Table 4.3: Gender-wise age profile of Fatal Road accident victims during 2021 to 2022

Age-group	2021		2022		% age change in 2022 over 2021	
	Male	Female	Male	Female	Male	Female
Less than 18	6,137	1,627	7,576	1,952	23.4	20.0
% share in total	4.6	7.8	5.7	9.3		
18-25	28,088	3,662	29,507	3,843	5.1	4.9
% share in total	21.1	17.5	22.2	18.3		
25-35	34,927	4,719	37,566	5,105	7.6	8.2
% share in total	26.3	22.5	28.2	24.4		
35-45	28,568	4,173	31,365	4,686	9.8	12.3
% share in total	21.5	19.9	23.6	22.4		
45-60	22,171	3,914	24,005	4,402	8.3	12.5
% share in total	16.7	18.7	18.0	21.0		
60 and Above	9,435	2,304	11,010	2,626	16.7	14.0
% share in total	7.1	11.0	8.3	12.5		
Age not known	3,699	548	4,148	700	12.1	27.7
% share in total	2.8	2.6	3.1	3.3		
Total	1,33,025	20,947	1,45,177	23,314	9.1	11.3
Share of male and female	86.4	13.6	86.2	13.8		

Chart 4.5: Gender-wise age profile number of fatal road accident victims during 2022

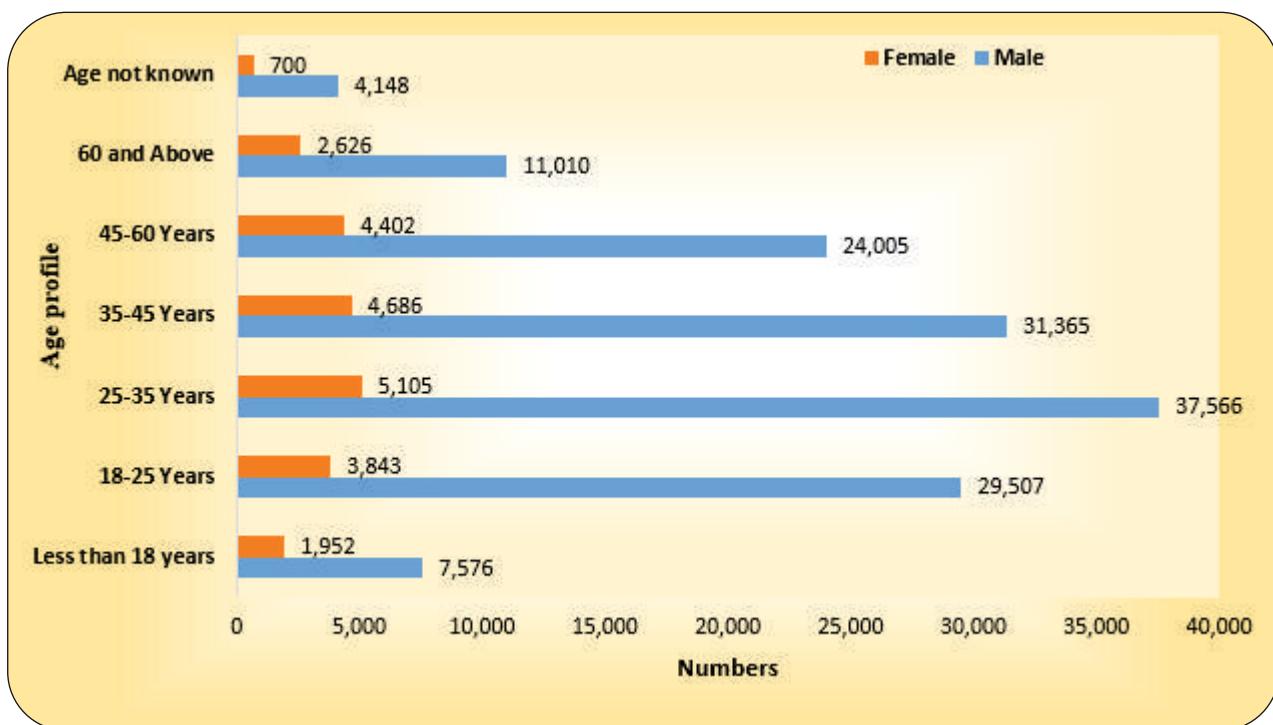
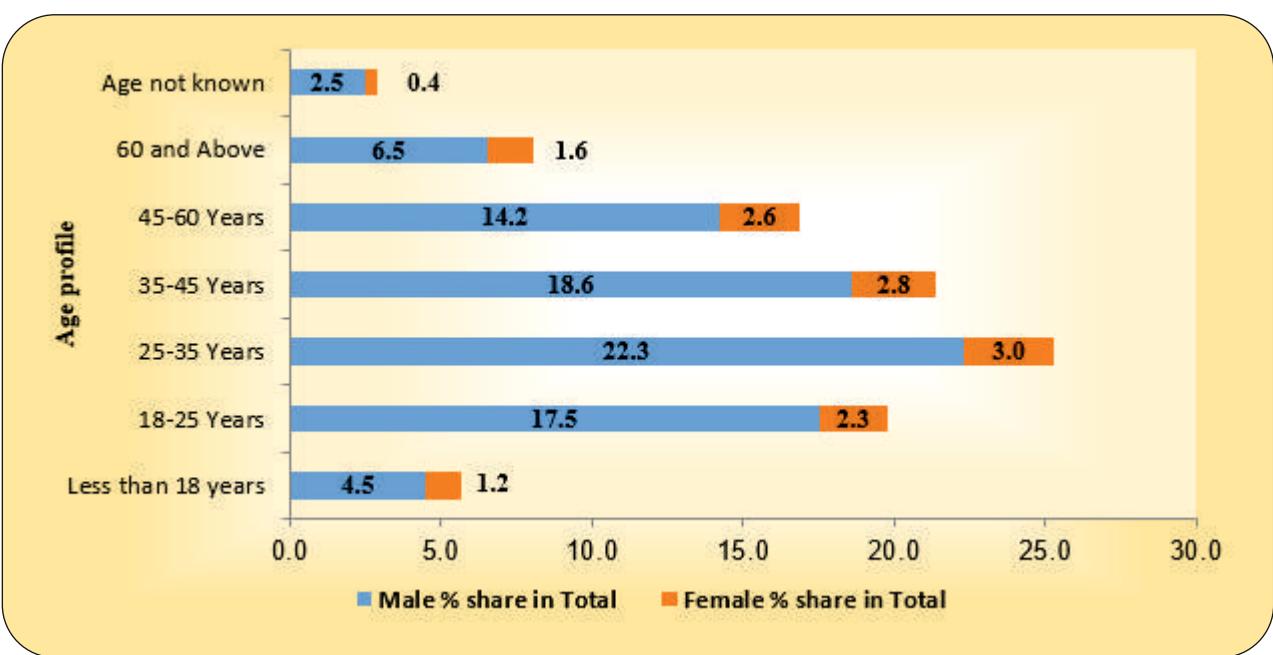


Chart 4.6: Gender-wise age profile of fatal road accident victims in 2022 (in percent share)



GENDER-WISE AGE PROFILE OF DRIVERS KILLED

4.10. The gender-wise comparison of total drivers killed during the year 2022 is presented in Chart 4.7. A total of 76,907 (96.3%) Male and 2,920 (3.7%) female

drivers were killed due to road accident in 2022 (**Annexure 31**). Age wise profile of fatalities reveals that 54,643 (68.5%) Male and 1,671 (2.1%) Female drivers

were killed in the young age group of 18-45. This highlights the need for setting up of Driving Training Centre (DTC) to provide quality training to commercial vehicle drivers, which may improve

road safety scenario and strengthen overall mobility on roads. State-wise, gender-wise breakup of drivers killed in road accidents are given at **Annexure 31**.

Chart 4.7: Gender-wise age profile of total drivers killed during 2022

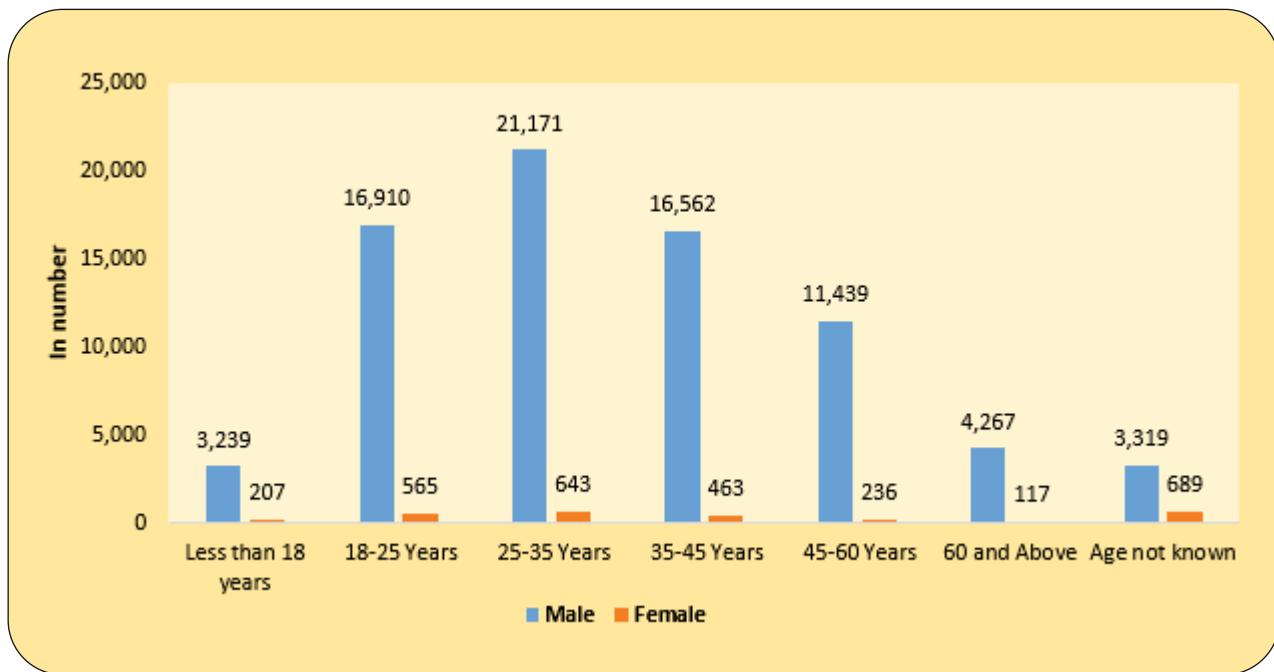
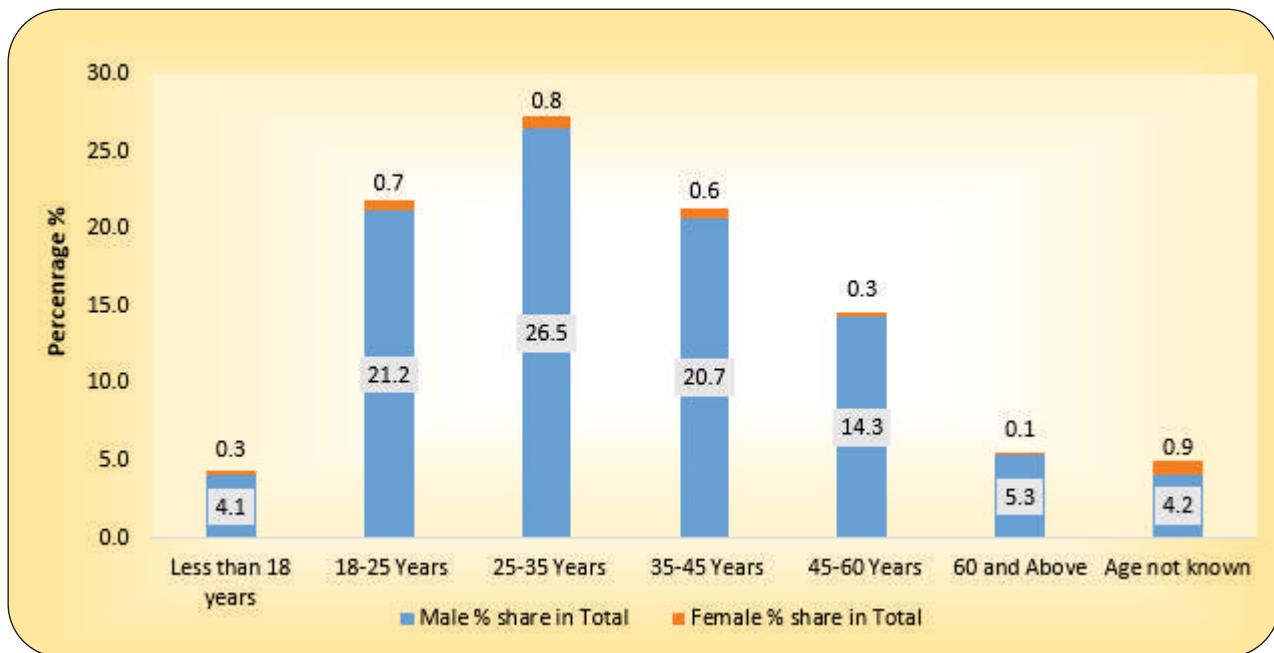


Chart 4.8: Gender-wise age profile of total drivers killed during 2022 (in percent share)



GENDER-WISE AGE PROFILE OF PASSENGERS KILLED

4.11. The gender-wise comparison of total passengers which were killed during the year 2022 is presented in the chart 4.9. Total number of 41,533 (73.8%) Male and 14,742 (26.2%) female passengers were killed due to road accident in 2022 (**Annexure 32**). Chart 4.9 reveals that

among the young people's age group of 18-45, total number of 27,045 (48.1%) killed were male passengers and 8,752 (15.6%) killed were female passengers. State-wise, gender-wise breakup of passengers killed in road accidents is furnished in **Annexure 32**.

Chart 4.9: Gender-wise age profile of total Passenger killed during 2022

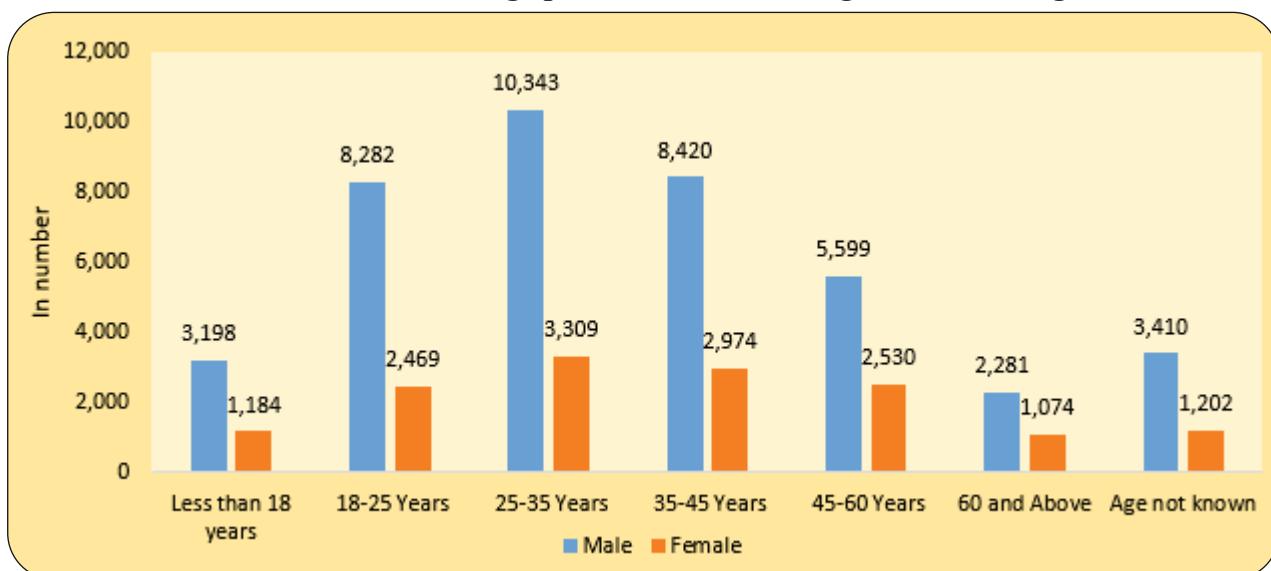
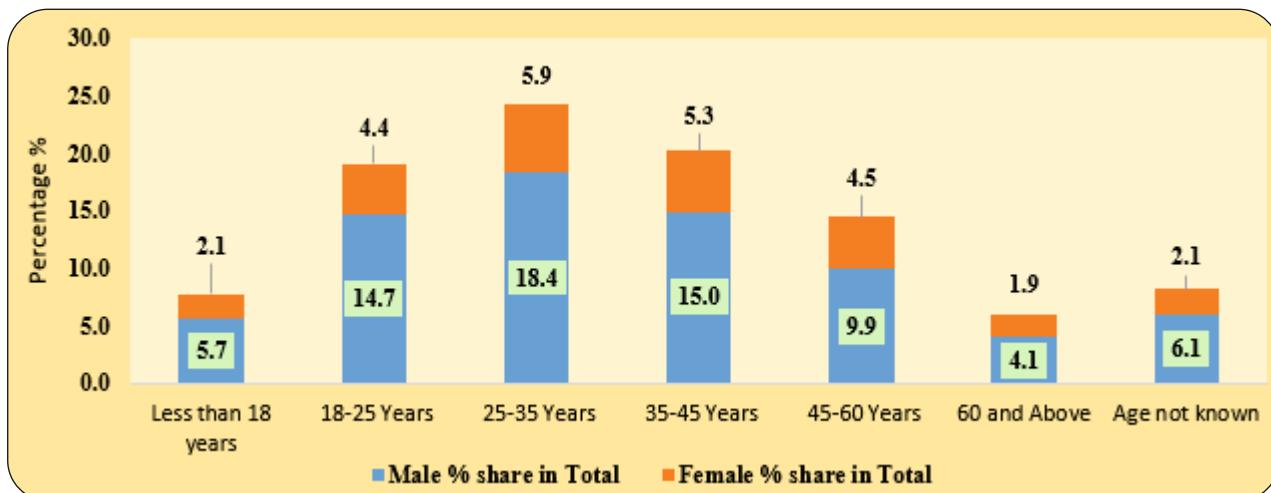


Chart 4.10: Gender-wise age profile of total Passengers Killed during 2022 (percent share)



GENDER-WISE AGE PROFILE OF PEDESTRIANS KILLED

4.12. The gender-wise comparison of total pedestrians killed during the year 2022 is highlighted in chart 4.11. It portrays that

total number of 26,290 (80.0%) Male and 6,572 (20.0%) female pedestrians were killed due to road accident in 2022

(Annexure 33). Chart 4.11 shows that 13,632 (41.5%) male and 2,810 (8.6%) female pedestrians were killed in the

young age group of 18-45. State-wise, gender-wise breakup of pedestrians killed in road accidents is given in Annexure 33.

Chart 4.11: Gender-wise age profile of total Pedestrians killed during 2022

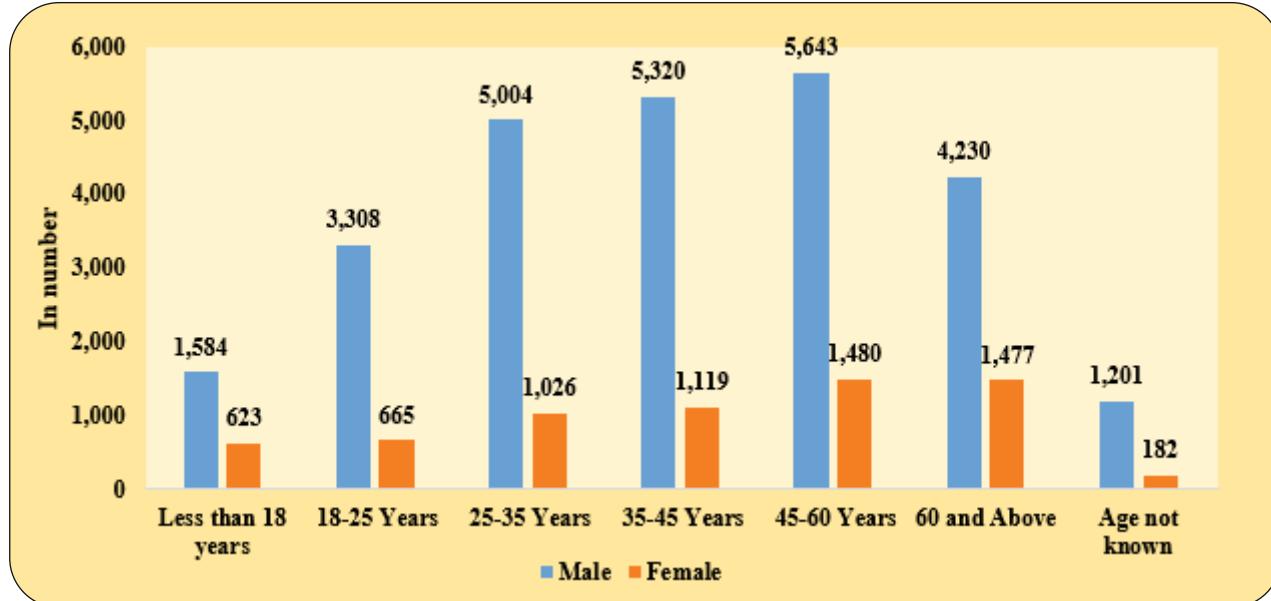
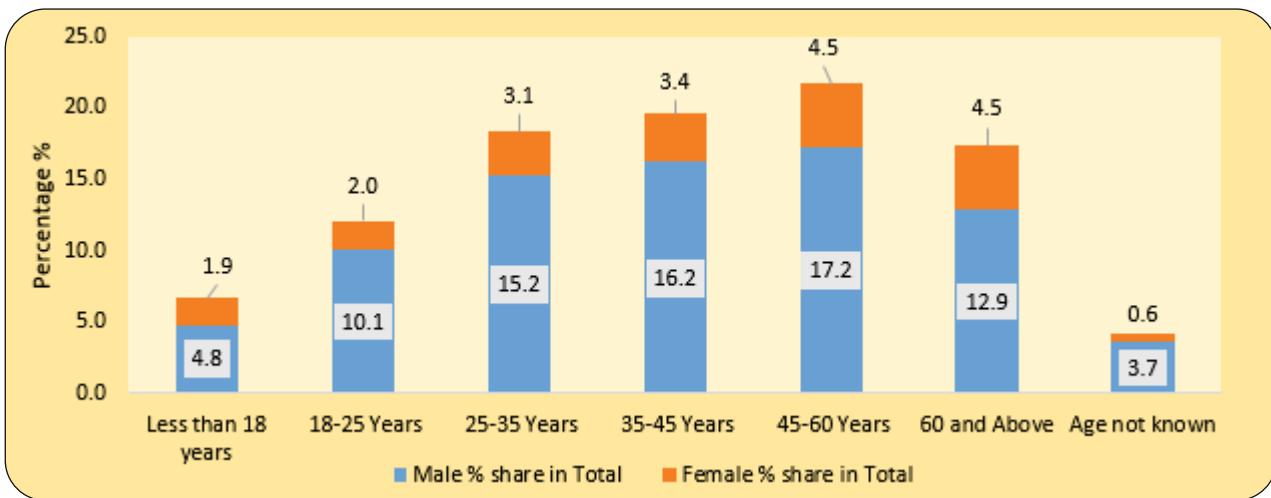


Chart 4.12.: Gender-wise age profile of total Pedestrians Killed during 2022 (percent share)



PERSONS KILLED IN ROAD ACCIDENTS IN TERMS OF ROAD USER CATEGORIES

4.13. A road-user is one who uses a road for movement or transportation as a pedestrian or cyclist or motorist (driver) or passenger. Vehicle occupants benefit most from the reduction in road deaths. Data on road-user wise accident victims may help in recognizing vulnerable road

user categories which may further help the authorities to put special attention on the most vulnerable sections.

4.14. The data in Table 4.4 reveals that amongst the road user categories, two-wheelers with a share of 44.5% constitute the largest victim of road

accident deaths (74,897) which had increased by 7.9% in 2022 compared to 2021. Pedestrians are the next highest victim of road accident death with a share of 19.5 percent in 2022.

- 4.15. Truck and Lorries accounted for a share of 6.3 percent in total person killed in 2022. Similarly, death due to Cars, Taxis, Vans & LMVs increased by 6.2% in 2022 compared to 2021.
- 4.16. Further Cyclists contributed to another 2.9%, Auto-Rickshaws accounted for 3.9%, Buses accounted for 2.4% of the

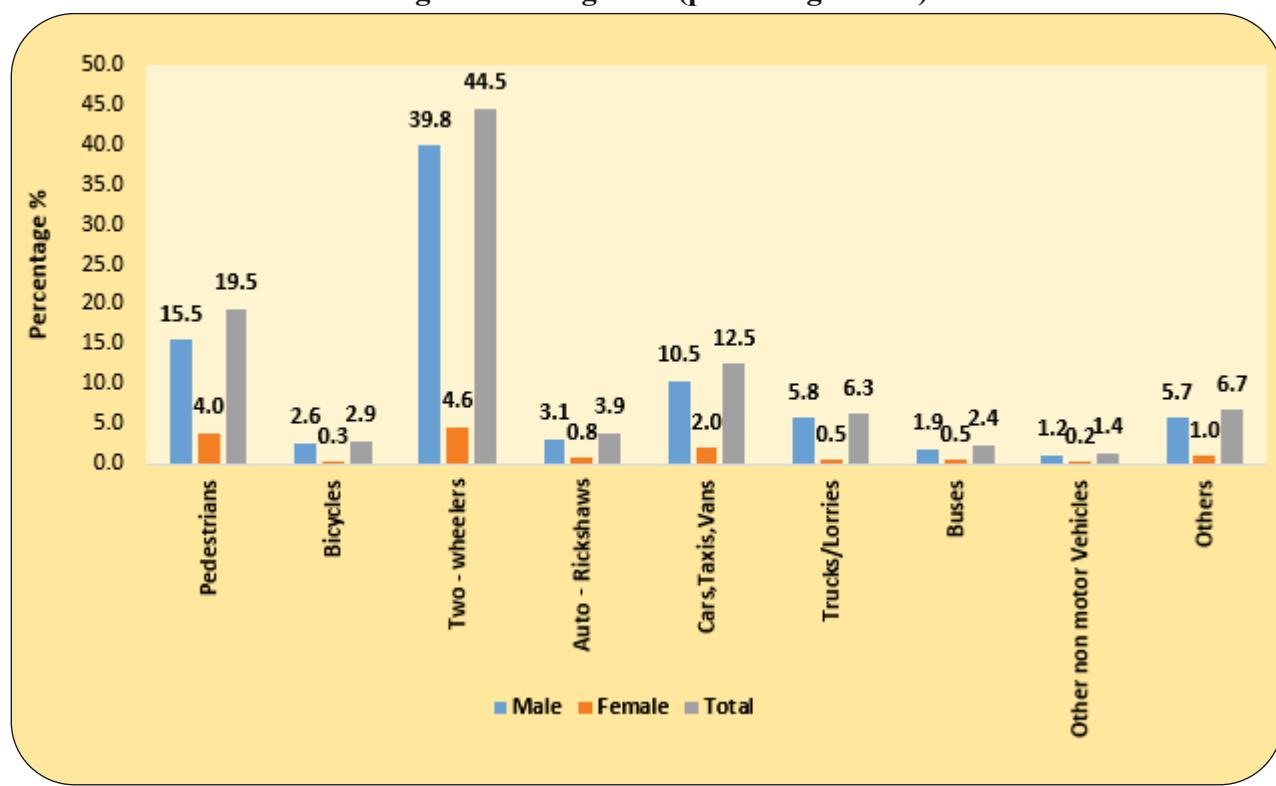
Road Users those were killed in 2022. Death due to Other Non-Motor Vehicles (including e-rickshaw) increased in 2022 compared to 2021.

- 4.17. Gender-wise profile of persons killed in road accident in terms of road user category is presented in the Chart 4.13, reveals that two wheelers had the highest share (44.5%) followed by pedestrians (19.5%) and cars, taxis and vans (12.5%). The absolute and relative share of male killed is higher than that of female in all road user categories.

Table 4.4: Comparison of Persons killed in road accidents in terms of road user categories in 2022 over 2021

Road-user category	Persons killed 2021	Persons killed 2022	% Change 2022 over 2021
Pedestrian	29,124	32,825	12.7
share in Total	18.9	19.5	
Bicycles	4,702	4,836	2.8
share in Total	3.1	2.9	
Two-wheelers	69,385	74,897	7.9
share in Total	45.1	44.5	
Auto-Rickshaws	5,966	6,596	10.6
share in Total	3.9	3.9	
Cars, Taxis, Vans & LMVs	19,811	21,040	6.2
share in Total	12.9	12.5	
Trucks/Lorries	9,476	10,584	11.7
share in Total	6.2	6.3	
Buses	3,106	4,004	28.9
share in Total	2.0	2.4	
Other Non- Motor Vehicles (including e-rickshaw)	2,283	2,372	3.9
share in Total	1.5	1.4	
Others (other motor vehicles, animals drawn vehicle, cycle rickshaws, hand carts, & other persons)	10,119	11,337	12.0
share in Total	6.6	6.7	
Total	1,53,972	1,68,491	

Chart 4.13: Gender-wise profile of Persons killed in road accidents in terms of road user categories during 2022 (percentage share)



4.18. A new format has been introduced from 2019 onwards, collecting information on persons killed in accidents. The 2018 Accident Report had earlier provided accident/fatality/injury report only by type of impacting vehicles, wherein impacting vehicles meant the “Crime Vehicle”. However, we received feedback that users were not clear by what was meant by impacting vehicles and therefore, a 9X9 matrix detailing the various categories of accident-related deaths by crime vehicle and victim vehicle category have now been provided.

4.19. According to Table 4.5, the number of Pedestrians killed by different categories of crime vehicles in 2022 were 32,825 which is 19.5 percent of the total road accident deaths. The leading three crime

vehicles in terms of share of pedestrians killed are Two wheelers (28.4%) followed by Cars, Taxis, Vans & LMV (24.5%).

- 4.20. The number of victims on two wheelers killed were 74,897 which is around 44.5% of the total road accident deaths. In terms of percentage share, the three categories of leading crime vehicles responsible two wheelers death are two wheelers (36.9%), Cars, Taxis, Vans & LMV (22.7%) and Trucks & lorries (17.6%).
- 4.21. The table also reveals that as many as 21,040 occupants of cars, taxis, Vans and LMV (12.5 percent) were killed in 2022 with collision with cars, taxis, Vans and LMV accounting for a share of 42.5 percent followed Trucks/Lorries (23.9%).

Table 4.5: Persons killed in Accidents Classified by the type of impacting vehicles (Crime Vehicles by Victim vehicles) in 2022

 Crime Vehicle	1. Bicycles	2. Two Wheelers	3. Auto Rickshaws	4. Cars, Taxis, Vans & LMV	5. Trucks /Lorries	6. Buses	7. Other Non-motorized vehicle (E-rickshaw etc.)	8. Others	9. Total
Victim/Victim Vehicle									
Pedestrian	81	9,316	1,220	8,030	4,875	2,057	252	6,994	32,825
% Share in total	7.6	19.7	18.6	19.6	14.7	18.8	11.2	26.5	19.5
Bicycles	84	1,248	282	1,138	1,052	349	90	593	4,836
% Share in total	7.9	2.6	4.3	2.8	3.2	3.2	4.0	2.2	2.9
Two-wheelers	281	27,615	2,213	17,020	13,146	4,012	594	10,016	74,897
% Share in total	26.5	58.5	33.7	41.6	39.7	36.6	26.4	37.9	44.5
Auto-Rickshaws	94	656	1,259	1,680	1,492	461	106	848	6,596
% Share in total	8.9	1.4	19.2	4.1	4.5	4.2	4.7	3.2	3.9
Cars, Taxis, Vans & LMVs	173	2,320	484	8,941	5,022	1,561	268	2,271	21,040
% Share in total	16.3	4.9	7.4	21.8	15.2	14.3	11.9	8.6	12.5
Trucks/Lorries	139	1,891	284	1,353	4,943	744	210	1,020	10,584
% Share in total	13.1	4.0	4.3	3.3	14.9	6.8	9.3	3.9	6.3
Buses	73	673	180	407	1,030	1,030	165	446	4,004
% Share in total	6.9	1.4	2.7	1.0	3.1	9.4	7.3	1.7	2.4
Other Non- Motor Vehicles (including e-rickshaw)	42	495	135	561	373	199	226	341	2,372
% Share in total	4.0	1.0	2.1	1.4	1.1	1.8	10.1	1.3	1.4
Others (other motor vehicles, Animals drawn vehicle, cycle rickshaws, hand carts, & other persons)	94	2,957	512	1,804	1,203	541	337	3,889	11,337
% Share in total	8.9	6.3	7.8	4.4	3.6	4.9	15.0	14.7	6.7
Total	1,061	47,171	6,569	40,934	33,136	10,954	2,248	26,418	1,68,491

SECTION - 5

INTER STATE COMPARISON

5.1. This section examines the performance of States and UTs in respect of number of road accidents and number of persons killed during the calendar year 2022. The absolute number of road accidents and fatalities across States and Union

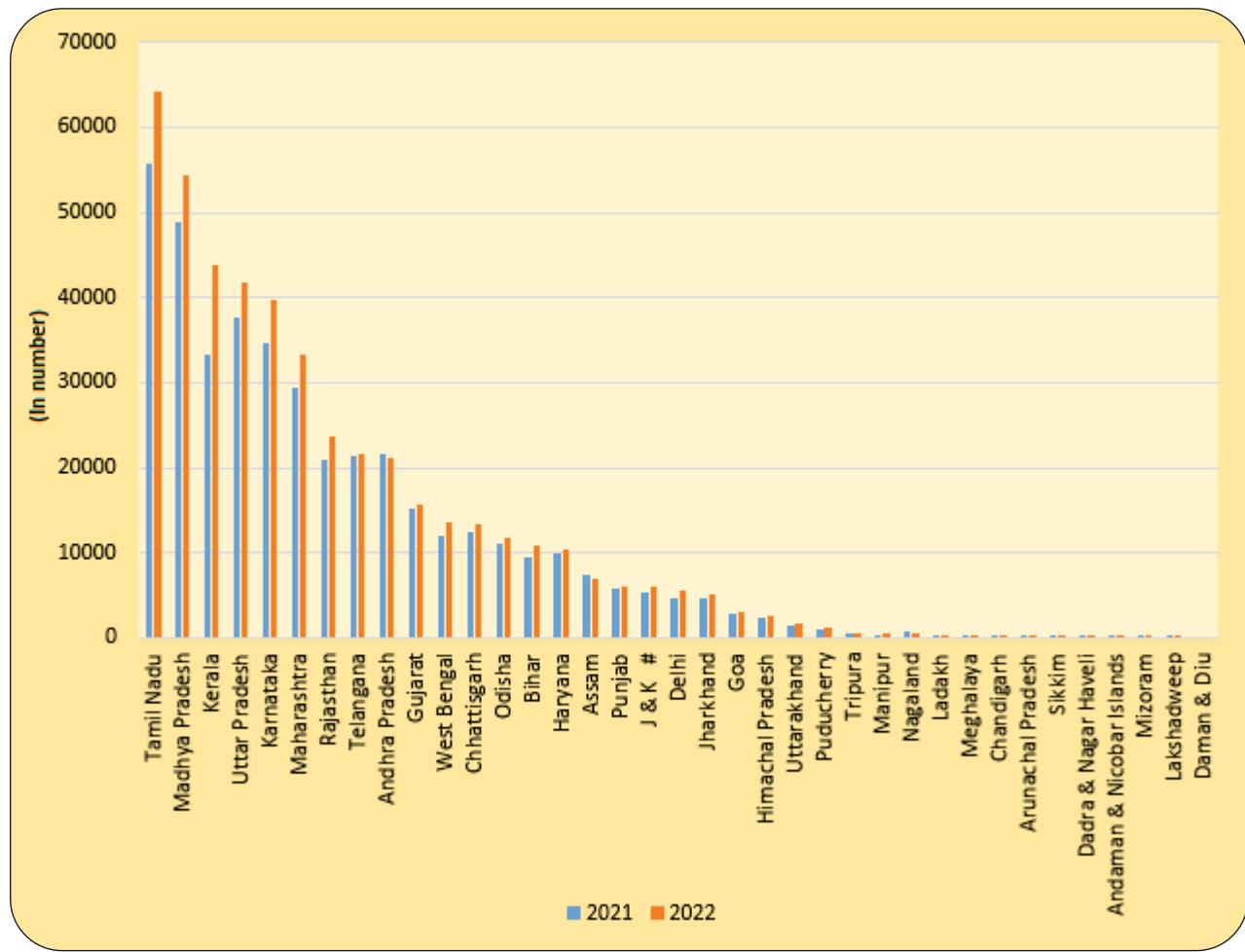
Territories (UTs) varies widely and depends inter-alia on population, road length, vehicles movement, economic activity, quality of safety related infrastructure, enforcement and availability of emergency care etc.

State wise Profile of Road Accidents

5.2. Total number of accidents had increased from 4,12,432 in 2021 to 4,61,312 in 2022, registering an increase of 11.9 percent. The chart 5.1 depicts that, all States/UTs other than Andhra Pradesh,

Arunachal Pradesh, Assam, Nagaland and Lakshadweep recorded a greater number of accidents in 2022 compared to corresponding period in 2021.

Chart: 5.1 State/UT- wise distribution of number of accidents during 2021 and 2022



Includes Ladakh from 2017 to 2020

5.3 State wise data on number of accidents during the period 2018 to 2022 along with

the ranking of States/UTs in total accidents in 2018-22 are presented in table 5.1.

Table: 5.1: State-wise distribution of number of Road Accidents during 2018 to 2022

S. No.	States/UTs	Total Number of Road Accidents occurred in States and UTs					Absolute Change in 2022 over 2021	% change in 2022 over 2021	Rank of State /UTs in Total Number of Road Accidents				
		2018	2019	2020	2021	2022			2018	2019	2020	2021	2022
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andhra Pradesh	24,475	21,992	19,509	21,556	21,249	-307	-1.4	7	8	7	7	9
2	Arunachal Pradesh	277	237	134	283	227	-56	-19.8	30	30	32	28	31
3	Assam	8,248	8,350	6,595	7,411	7,023	-388	-5.2	16	16	16	16	16
4	Bihar	9,600	10,007	8,639	9,553	10,801	1,248	13.1	15	15	15	15	14
5	Chhattisgarh	13,864	13,899	11,656	12,375	13,279	904	7.3	11	11	11	11	12
6	Goa	3,709	3,440	2,375	2,849	3,011	162	5.7	21	21	21	21	21
7	Gujarat	18,769	17,046	13,398	15,186	15,751	565	3.7	10	10	10	10	10
8	Haryana	11,238	10,944	9,431	9,933	10,429	496	5.0	14	14	14	14	15
9	Himachal Pradesh	3,110	2,873	2,239	2,404	2,597	193		22	22	22	22	22
10	Jharkhand	5,394	5,217	4,405	4,728	5,175	447	9.5	20	20	19	19	20
11	Karnataka	41,707	40,658	34,178	34,647	39,762	5,115	14.8	4	5	4	4	5
12	Kerala	40,181	41,111	27,877	33,296	43,910	10,614	31.9	5	4	5	5	3
13	Madhya Pradesh	51,397	50,669	45,266	48,877	54,432	5,555	11.4	2	2	2	2	2
14	Maharashtra	35,717	32,925	24,971	29,477	33,383	3,906	13.3	6	6	6	6	6
15	Manipur	601	672	432	366	508	142	38.8	25	25	27	27	26
16	Meghalaya	399	482	214	245	246	1	0.4	28	27	28	29	29
17	Mizoram	53	62	53	69	133	64	92.8	35	35	34	35	35
18	Nagaland	430	358	500	746	489	-257	-34.5	27	28	25	25	27
19	Odisha	11,262	11,064	9,817	10,983	11,663	680	6.2	13	13	13	13	13
20	Punjab	6,428	6,348	5,203	5,871	6,138	267	4.5	18	17	17	17	17
21	Rajasthan	21,743	23,480	19,114	20,951	23,614	2,663	12.7	9	7	9	9	7
22	Sikkim	180	162	138	155	211	56	36.1	32	32	31	32	32
23	Tamil Nadu	67,279	62,685	49,844	55,682	64,105	8,423	15.1	1	1	1	1	1
24	Telangana	22,230	21,570	19,172	21,315	21,619	304	1.4	8	9	8	8	8
25	Tripura	552	655	466	479	575	96	20.0	26	26	26	26	25
26	Uttarakhand	1,468	1,352	1,041	1,405	1,674	269	19.1	24	24	23	23	23
27	Uttar Pradesh	42,568	42,572	34,243	37,729	41,746	4,017	10.6	3	3	3	3	4
28	West Bengal	12,705	12,658	10,863	11,937	13,686	1,749	14.7	12	12	12	12	11
29	A & N Islands	254	230	141	115	141	26	22.6	31	31	30	34	34
30	Chandigarh	316	305	159	208	237	29	13.9	29	29	29	31	30
31	D & N Haveli	80	68	100*	140*	196*	56	40.0	33	34	33	33	33
32	Daman & Diu	76	69						34	33	NA	NA	37
33	Delhi	6,515	5,610	4,178	4,720	5,652	932	19.7	17	19	20	20	19
34	J & K #	5,978	5,796	4,860	5,452	6,092	640	11.7	19	18	18	18	18
35	Ladakh	NA	NA	NA	236	374	138	58.5	NA	NA	NA	30	28
36	Lakshadweep	3	1	1	4	3	-1	-25.0	36	36	35	36	36
37	Puducherry	1,597	1,392	969	1,049	1,181	132	12.6	23	23	24	24	24
Total (All India)		4,70,403	4,56,959	3,72,181	4,12,432	4,61,312	48,880	11.9					

Includes Ladakh from 2017 to 2020

* Dadra & Nagar Haveli Includes Daman & Diu Data

Top 10 States in Number of Accident in 2022

5.4. Top 10 States in terms of numbers of accidents in the Table 5.2 have been selected based on the number of road accident reported by States/UTs in 2022. Tamil Nadu maintains its top position for the fifth consecutive year in 2022 with 64,105 (13.9%) accidents followed by Madhya Pradesh with 54,432 (11.8%), Kerala with 43,910 (9.5%) accidents, Uttar Pradesh with 41,746 (9.1%) and Karnataka with 39,746 (8.6%) accidents.

5.5 Top ten States listed in the Table 5.2 accounted for a combined share of 77.9 % of total road accidents in India during 2022. Details on State/UT wise distribution of total road accidents are given in **Annexure 2**. The percentage share of Top 10 states in road accidents in comparison to All India are showing very less variation (ranging between 77.3- 77.9%) over period 2018-2022.

Table 5.2: Number of road accidents in top 10 States and their respective percentage shares in total accidents during 2018-2022

States	2018	% share in Total	2019	% share in Total	2020	% share in Total	2021	% share in Total	2022	% share in Total
Tamil Nadu	67,279	14.3	62,685	13.7	49,844	13.4	55,682	13.5	64,105	13.9
Madhya Pradesh	51,397	10.9	50,669	11.1	45,266	12.2	48,877	11.9	54,432	11.8
Kerala	40,181	8.5	41,111	9.0	27,877	7.5	33,296	8.1	43,910	9.5
Uttar Pradesh	42,568	9.0	42,572	9.3	34,243	9.2	37,729	9.1	41,746	9.0
Karnataka	41,707	8.9	40,658	8.9	34,178	9.2	34,647	8.4	39,762	8.6
Maharashtra	35,717	7.6	32,925	7.2	24,971	6.7	29,477	7.1	33,383	7.2
Rajasthan	21,743	4.6	23,480	5.1	19,114	5.1	20,951	5.1	23,614	5.1
Telangana	22,230	4.7	21,570	4.7	19,172	5.2	21,315	5.2	21,619	4.7
Andhra Pradesh	24,475	5.2	21,992	4.8	19,509	5.2	21,556	5.2	21,249	4.6
Gujarat	18,769	4.0	17,046	3.7	13,398	3.6	15,186	3.7	15,751	3.4
Total	3,66,066	77.8	3,54,708	77.6	2,87,572	77.3	3,18,716	77.3	3,59,571	77.9
All India	4,70,403		4,56,959		3,72,181		4,12,432		4,61,312	

Comparison amongst the North Eastern States in Number of Accidents in 2022

5.6 With some marginal fluctuations, percentage share of North Eastern States in total accidents had been constant during last five years i.e. 2018 to 2022 (Table 5.3). Among the North Eastern States, Assam recorded highest number of accidents during 2018 and 2022. Tripura with 575 accidents was in the

second place followed by Manipur (508). Number of accidents had been increased in 2022 over 2021 in Manipur, Meghalaya, Mizoram, Sikkim and Tripura. In Arunachal Pradesh, Assam and Nagaland there was a decrease in accidents in 2022 as compared to 2021.

Table 5.3: Number of Road Accidents in North Eastern States during 2018-2022

North East States	2018		2019		2020		2021		2022	
	Accidents	% Share in all India								
Arunachal Pradesh	277	0.06	237	0.05	134	0.04	283	0.07	227	0.05
Assam	8,248	1.75	8,350	1.83	6,595	1.77	7,411	1.80	7,023	1.52
Manipur	601	0.13	672	0.15	432	0.12	366	0.09	508	0.11
Meghalaya	399	0.08	482	0.11	214	0.06	245	0.06	246	0.05
Mizoram	53	0.01	62	0.01	53	0.01	69	0.02	133	0.03
Nagaland	430	0.09	358	0.08	500	0.13	746	0.18	489	0.11
Sikkim	180	0.04	162	0.04	138	0.04	155	0.04	211	0.05
Tripura	552	0.12	655	0.14	466	0.13	479	0.12	575	0.12
Total North East	10,740		10,978		8,532		9,754		9,412	
Total All India	4,70,403		4,56,959		3,72,181		4,12,432		4,61,312	
Share of North East in All India	2.28		2.40		2.29		2.36		2.04	

Comparison amongst the Union Territories (UTs) in Number of Accidents in 2022

5.7. Union Territories presently account for 3 percent of the total road accidents in India. Among the Union Territories, Jammu & Kashmir had recorded highest

number of accidents (6,092) during 2022, followed by Delhi (5,652) and Puducherry (1,181). (Table 5.4).

Table 5.4: Number of Road Accidents in Union Territories during 2018-2022

UTs	2018		2019		2020		2021		2022	
	Accidents	% Share in all India								
A & N Islands	254	0.05	230	0.05	141	0.04	115	0.0	141	0.0
Chandigarh	316	0.07	305	0.07	159	0.04	208	0.1	237	0.1
D & N Haveli	80	0.02	68	0.01	100	0.03	140	0.0	196	0.0
Daman & Diu	76	0.02	69	0.02		0.00		0.0		0.0
Delhi	6,515	1.38	5,610	1.23	4,178	1.12	4,720	1.1	5,652	1.2
J&K #	5,978	1.27	5,796	1.27	4,860	1.31	5,452	1.3	6,092	1.3
Ladakh	NA		NA		NA		236	0.1	374	0.1
Lakshadweep	3	0.00	1	0.00	1	0.00		0.0	3	0.0
Puducherry	1,597	0.34	1,392	0.30	969	0.26	1,049	0.3	1181	0.3
Total UTs	14,819		13,471		10,408	2.80	11,924		13,876	
Total All India	4,70,403		4,56,959		3,72,181		4,12,432		4,61,312	
Share of UTs in All India		3.15		3.00		2.80		2.9		3.0

Road Accidents on National Highways

5.8 Tamil Nadu maintains its top position in 2022 by contributing 12.5 per cent of total road accidents on National Highways in the country followed by Uttar Pradesh (9.9%) and Karnataka (8.8) and Bihar in the bottom (10th position)

with a share of only 3 percent (Table 5.5). Top Ten States together accounted for more than 76 percent of accidents on NH and share of National Highways in total accidents which registered an increase during 2022 over 2021.

Table 5.5: Number of road accidents on National Highways in top 10 States during 2018-2022

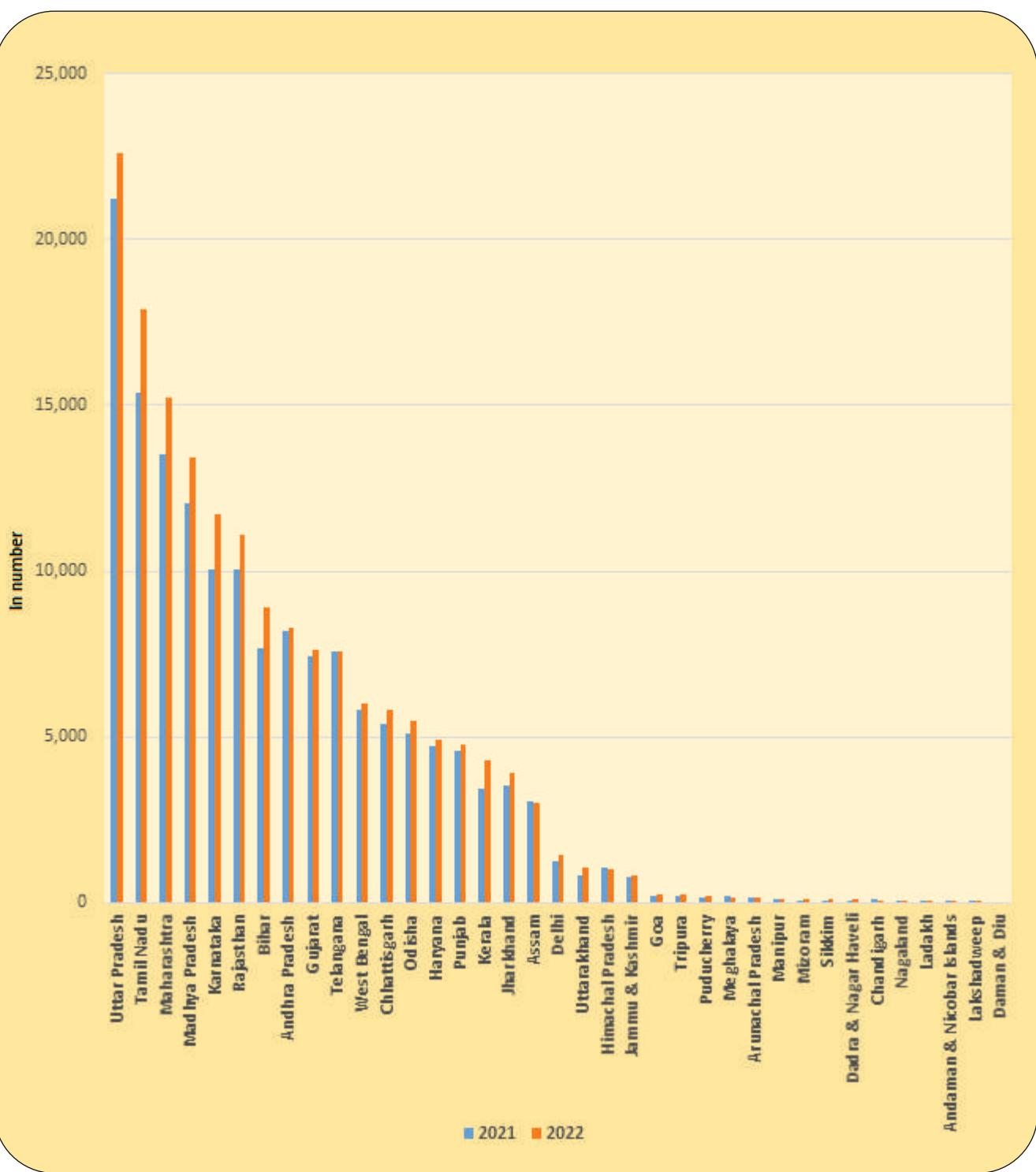
S. No.	States	2018		2019		2020		2021		2022	
		Accidents	% Share in total NH								
1	Tamil Nadu	22,961	15.9	21,489	15.2	18,372	15.4	16,869	13.1	18,972	12.5
2	Kerala	9,161	6.4	9,459	6.7	6,594	5.5	8,048	6.2	17,627	11.6
3	Uttar Pradesh	16,198	11.2	16,181	11.5	13,695	11.5	14,540	11.3	14,990	9.9
4	Madhya Pradesh	9,967	6.9	10,440	7.4	9,866	8.2	11,030	8.6	13,860	9.1
5	Karnataka	13,638	9.5	13,363	9.5	11,230	9.4	11,462	8.9	13,384	8.8
6	Maharashtra	9,355	6.5	8,360	5.9	6,501	5.4	7,501	5.8	9,417	6.2
7	Andhra Pradesh	8,122	5.6	7,682	5.4	7,167	6.0	8,241	6.4	8,650	5.7
8	Telangana	6,487	4.5	7,352	5.2	6,820	5.7	7,214	5.6	7,505	4.9
9	Rajasthan	6,726	4.7	6,883	4.9	5,764	4.8	6,424	5.0	7,093	4.7
10	Bihar	4,016	2.8	4,526	3.2	4,101	3.4	4,349	3.4	4,601	3.0
Total of Top 10 States		1,06,631	73.9	1,05,735	75.0	90,110	75.3	95,678	74.3	1,16,099	76.4
Total NH		1,44,221		1,41,057		1,19,615		1,28,825		1,51,997	
All India Total		4,70,403		4,56,959		3,72,181		4,12,432		4,61,312	
% Share of NH in Total		30.7		30.9		32		31.2		32.9	

STATE-WISE PROFILE OF FATALITIES

5.9 The total number of accident deaths had increased from 1,53,972 in 2021 to 1,68,491 in 2022, registering an increase of 9.4 percent over the previous year. All States except Arunachal Pradesh, Assam,

Himachal Pradesh, Meghalaya, Andaman & Nicobar and Chandigarh, recorded an increase in fatalities during 2022 compared to the same period in 2021.

Chart: 5.2: State-wise distribution of number of accident deaths during 2021 to 2022



5.10. State/UT-wise data on number of accident-related deaths along with state rankings in terms of accident-related

deaths during the period from 2018 to 2022 is presented in Table 5.6 below.

Table 5.6: State/UT- wise number of persons killed in accidents and ranking in accident-related deaths during 2018-2022

S. No.	States/UTs	State/UT-wise Total Number of Persons Killed in Road Accidents					%change in 2022 over 2021	Rank of States/UTs in Total Number of Persons Killed in Road Accidents				
		2018	2019	2020	2021	2022		2018	2019	2020	2021	2022
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Andhra Pradesh	7,556	7,984	7,039	8,186	8,293	1.31	8	7	7	7	8
2	Arunachal Pradesh	175	127	73	157	148	-5.73	27	28	28	26	27
3	Assam	2,966	3,208	2,629	3,036	2,994	-1.38	18	18	18	18	18
4	Bihar	6,729	7,205	6,699	7,660	8,898	16.16	9	9	9	8	7
5	Chhattisgarh	4,592	5,003	4,606	5,371	5,834	8.62	15	14	13	12	12
6	Goa	262	297	223	226	271	19.91	23	23	23	23	23
7	Gujarat	7,996	7,390	6,170	7,452	7,618	2.23	7	8	10	10	9
8	Haryana	5,118	5,057	4,507	4,706	4,915	4.44	13	13	14	14	14
9	Himachal Pradesh	1,208	1,146	893	1,052	1,032	-1.90	20	20	20	20	21
10	Jharkhand	3,542	3,801	3,044	3,513	3,898	10.96	17	17	16	16	17
11	Karnataka	10,990	10,958	9,760	10,038	11,702	16.58	4	5	5	6	5
12	Kerala	4,303	4,440	2,979	3,429	4,317	25.90	16	16	17	17	16
13	Madhya Pradesh	10,706	11,249	11,141	12,057	13,427	11.36	5	4	4	4	4
14	Maharashtra	13,261	12,788	11,569	13,528	15,224	12.54	3	3	3	3	3
15	Manipur	134	156	127	110	127	15.45	28	26	27	28	28
16	Meghalaya	182	179	144	187	162	-13.37	26	25	26	25	26
17	Mizoram	45	48	42	56	113	101.79	32	32	33	31	29
18	Nagaland	39	26	53	55	73	32.73	33	34	30	34	33
19	Odisha	5,315	5,333	4,738	5,081	5,467	7.60	12	12	12	13	13
20	Punjab	4,740	4,525	3,898	4,589	4,756	3.64	14	15	15	15	15
21	Rajasthan	10,320	10,563	9,250	10,043	11,104	10.56	6	6	6	5	6
22	Sikkim	85	73	47	56	92	64.29	30	30	32	31	30
23	Tamil Nadu	18,392	18,129	14,527	15,384	17,884	16.25	2	2	2	2	2
24	Telangana	6,603	6,964	6,882	7,557	7,559	0.03	10	10	8	9	10
25	Tripura	213	239	192	194	241	24.23	25	24	24	24	24
26	Uttarakhand	1,047	867	674	820	1,042	27.07	21	22	22	21	20
27	Uttar Pradesh	22,256	22,655	19,149	21,227	22,595	6.44	1	1	1	1	1
28	West Bengal	5,711	5,767	5,128	5,800	6,002	3.48	11	11	11	11	11
29	A & N Islands	19	20	14	20	19	-5.00	35	35	34	35	35
30	Chandigarh	98	104	53	96	83	-13.54	29	29	30	29	32
31	D & N Haveli	54	49	64	76	90	18.42	31	31	29	30	31
32	Daman & Diu	35	28					34	33	35	NA	NA
33	Delhi	1,690	1,463	1,196	1,239	1,461	17.92	19	19	19	19	19
34	J & K #	984	996	728	774	805	4.01	22	21	21	22	22
35	Ladakh	NA	NA	NA	56	62	10.71	NA	NA	NA	31	34
36	Lakshadweep	1	0	0	1	2		36	36	35	36	36
37	Puducherry	226	147	145	140	181	29.29	24	27	25	27	25
Total (all India)		1,57,593	1,58,984	1,38,383	1,53,972	1,68,491	9.43					

Includes Ladakh from 2017 to 2020

TOP 10 STATES IN NUMBER OF FATALITIES

5.11. Top 10 States (Table 5.7) have been selected based on the number of accident deaths reported by States/UTs during 2022. The composition of 10 States is largely same with that of 2018, 2019, 2020 and 2021. Uttar Pradesh recorded the highest share i.e., 13.4% of accident death (22,595) followed by Tamil Nadu with share of 10.6% (17,884 killed), Maharashtra with of 9% (15,224 killed), and Madhya Pradesh with share of 8% (13,427 killed). The top 10 States

accounted for a combined share of 73.8 % of road accident deaths in 2022. In terms of percentage change of accident-related deaths over previous year, Karnataka with 16.6%, Tamil Nadu with 16.3% and Bihar with 16.2% registered highest growth over the previous year which are above the national average of 9.4%. Details of State/UT wise distribution of total road accident deaths are given in **Annexure 3**.

Table 5.7: Number of fatalities in top 10 States and their respective percentage shares in total accidents during 2018-2022

States	2018	% share in Total	2019	% share in Total	2020	% share in Total	2021	% share in Total	2022	% share in Total	% change 2022 over 2021
Uttar Pradesh	22,256	14.1	22,655	14.3	19,149	13.8	21,227	13.8	22,595	13.4	6.44
Tamil Nadu	18,392	11.7	18,129	11.4	14,527	10.5	15,384	10.0	17,884	10.6	16.25
Maharashtra	13,261	8.4	12,788	8.0	11,569	8.4	13,528	8.8	15,224	9.0	12.54
Madhya Pradesh	10,706	6.8	11,249	7.1	11,141	8.1	12,057	7.8	13,427	8.0	11.36
Karnataka	10,990	7.0	10,958	6.9	9,760	7.1	10,038	6.5	11,702	6.9	16.58
Rajasthan	10,320	6.5	10,563	6.6	9,250	6.7	10,043	6.5	11,104	6.6	10.56
Bihar	6,729	4.3	7,205	4.5	6,699	4.8	7,660	5.0	8,898	5.3	16.16
Andhra Pradesh	7,556	4.8	7,984	5.0	7,039	5.1	8,186	5.3	8,293	4.9	1.31
Gujarat	7,996	5.1	7,390	4.6	6,170	4.5	7,452	4.8	7,618	4.5	2.23
Telangana	6,603	4.2	6,964	4.4	6,882	5.0	7,557	4.9	7,559	4.5	0.03
Total Top 10	1,14,809	72.9	1,15,885	72.9	1,02,186	73.8	1,13,132	73.5	1,24,304	73.8	9.9
Total All India	1,57,593		1,58,984		1,38,383		1,53,972		1,68,491		9.4

Comparison amongst the North Eastern States

5.12. With some marginal fluctuations, percentage share of North Eastern States in total fatalities had been constant during the last five years i.e. 2018 to

2022 (Table 5.8). Among the North Eastern States, Assam recorded the highest number of fatalities during 2018 to 2022.

Table 5.8: Road Accidents Fatalities in North Eastern States during 2018-2022

North East States	2018	% share in Total	2019	% share in Total	2020	% share in Total	2021	% share in Total	2022	% share in Total	% change 2022 over 2021
Arunachal Pradesh	175	0.1	127	0.1	73	0.0	157	0.1	148	0.1	-5.73
Assam	2,966	1.9	3,208	2.0	2,629	1.7	3,036	2.0	2,994	1.9	-1.38
Manipur	134	0.1	156	0.1	127	0.1	110	0.1	127	0.1	15.45
Meghalaya	182	0.1	179	0.1	144	0.1	187	0.1	162	0.1	-13.37
Mizoram	45	0.0	48	0.0	42	0.0	56	0.0	113	0.1	101.79
Nagaland	39	0.0	26	0.0	53	0.0	55	0.0	73	0.0	32.73
Sikkim	85	0.1	73	0.0	47	0.0	56	0.0	92	0.1	64.29
Tripura	213	0.1	239	0.2	192	0.1	194	0.1	241	0.2	24.23
Total Top 10	3,839	2.4	4,056	2.6	3,307	2.1	3,851	2.4	3,950	2.3	2.57
Total All India	1,57,593		1,58,984		1,38,383		1,53,972		1,68,491		9.43

Comparison among the Union Territories (UT)

5.13. Union Territories presently accounts for nearly 1.5 percent of the total road accident deaths in the country. Among the Union Territories, NCT of Delhi recorded highest number of fatalities

during 2018 to 2022, however the number of fatalities declined from 1690 in 2018 to 1461 in 2022, followed by Jammu and Kashmir and Puducherry.

Table 5.9: Road Accidents Fatalities in Union Territories during 2018-2022

UTs	2018	% share in Total	2019	% share in Total	2020	% share in Total	2021	% share in Total	2022	% share in Total	% change 2022 over 2021
A & N Island	19	0.0	20	0.0	14	0.0	20	0.0	19	0.0	-5.00
Chandigarh	98	0.1	104	0.1	53	0.0	96	0.1	83	0.0	-13.54
D & N Haveli	54	0.0	49	0.0	64	0.0	76	0.0	90	0.1	18.42
Delhi	1,690	1.1	1,463	0.9	1,196	0.7	1,239	0.8	1,461	0.9	17.92
J & K #	984	0.6	996	0.6	728	0.4	774	0.5	805	0.5	4.01
Ladakh	NA	NA	NA	NA	NA	NA	56	0.0	62	0.0	10.71
Lakshadweep	1	0.0	0	0.0	0	0.0	1	0.0	2	0.0	100
Daman & Diu	35	0.0	28	0.0	0	0.0	0	0.0	0	0.0	NA
Puducherry	226	0.1	147	0.1	145	0.1	140	0.1	181	0.1	29.29
Total Top 10	3,107	1.97	2,807	1.7	2,200	1.4	2,402	1.5	2,703	1.7	12.53
Total All India	1,57,593		1,58,984		1,38,383		1,53,972		1,68,491		9.43

* Includes Ladakh for the period from 2017 to 2020.

Road Accidents Fatalities on National Highways

5.14. Uttar Pradesh maintained its top position in road accident fatalities in 2022 at National level and top in the list of total number of road accident fatalities on National Highways in the country by contributing 13.9 per cent, followed by

Tamil Nadu (9.8%), Maharashtra (8.1%) and Rajasthan (6.8%). Gujarat was at the bottom (10th position) with a share of 3.5 per cent (Table 5.10). Top Ten States together accounted for more than 73.1 percent of accidents fatalities on NH.

Table 5.10: Number of road accident fatalities on National Highways in top 10 States and respective percentage shares during 2018-2022

Sl. No.	States/UTs	2018	% share in Total	2019	% share in Total	2020	% share in Total	2021	% share in Total	2022	% share in Total
1	Uttar Pradesh	8,818	15.7	8,830	15.6	7,859	15.6	8,506	15.2	8,479	13.9
2	Tamil Nadu	6,756	12.0	6,661	11.8	5,454	10.9	5,263	9.4	5,978	9.8
3	Maharashtra	4,088	7.3	3,799	6.7	3,528	7.0	4,080	7.3	4,923	8.1
4	Karnataka	3,986	7.1	3,842	6.8	3,330	6.6	3,487	6.2	4,164	6.8
5	Rajasthan	3,874	6.9	3,870	6.8	3,320	6.6	3,829	6.8	4,156	6.8
6	Madhya Pradesh	2,601	4.6	2,904	5.1	3,022	6.0	3,389	6.1	4,025	6.6
7	Bihar	3,051	5.4	3,436	6.1	3,285	6.5	3,517	6.3	3,953	6.5
8	Andhra Pradesh	2,929	5.2	3,114	5.5	2,858	5.7	3,602	6.4	3,793	6.2
9	Telangana	2,064	3.7	2,491	4.4	2,620	5.2	2,735	4.9	3,010	4.9
10	Gujarat	2,171	3.8	1,898	3.6	1,797	3.6	2,077	3.7	2,109	3.5
Total Top 10		40,338	71.6	40,845	72.2	37,073	73.8	40,485	72.3	44,590	73.1
All India Total		56,310		56,587		50,251		56,007		61,038	

SECTION - 6

ROAD ACCIDENTS IN MILLION-PLUS CITIES

6.1 In this Section, an abstract of road accident statistics for 50 Indian cities with population of one million and above (one million-plus) are briefly highlighted. These cities are spread across 17 States and 2 UTs. In 2022, a total of 76,752 road accidents were recorded in the 50 one million-plus cities which resulted in loss of 17,089 lives and caused injuries to 69,052 persons (Table

6.1). As compared to 2021, there was an increase in the number of road accidents, persons killed and person injured in 2022 in these cities. But in terms of accident severity, i.e., accident deaths per 100 road accidents, had reduced to 22.3 from 22.8. In 2022, these 50 cities accounted for 16.6 per cent of the total accidents and 10.1 per cent of total fatalities in the country (Table 6.1).

Table 6.1: Million-plus cities in total road accidents, number of persons killed and injured during 2018-2022

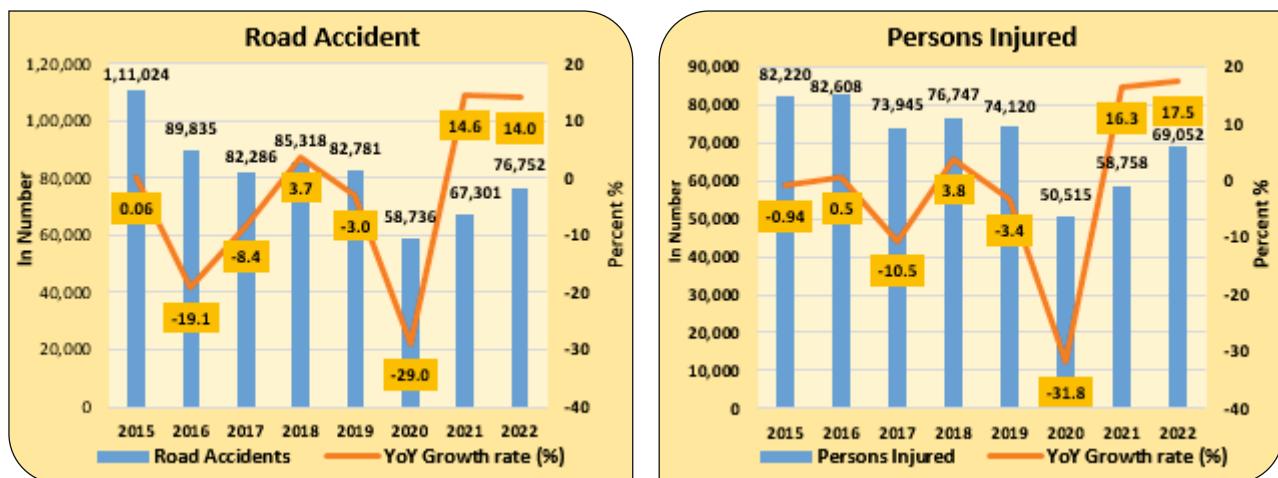
S. No	Description	2018	2019	2020	2021	2022	CAGR
1	No. of accidents (million plus cities)	85,318	82,781	58,736	67,301	76,752	-2.61
	% increase/decrease over previous year	3.68	-2.97	-29.05	14.6	14.0	
	All India total road accidents	4,70,403	4,56,969	3,72,181	4,12,432	4,61,312	-0.45
	Share of Million Plus City in total	18.1	18.1	15.8	16.3	16.6	
2	No. of persons killed (millionplus cities)	17,709	17,798	13,542	15,350	17,089	-0.89
	% increase/decrease over previous year	4.35	0.5	-23.91	13.4	11.3	
	All India total No of persons killed	1,57,593	1,58,984	1,38,383	1,53,972	1,68,491	1.69
	Share of Million Plus City in total	11.2	11.2	9.8	10.0	10.1	
3	No. of persons injured (million plus cities)	76,747	74,120	50,515	58,758	69,052	-2.61
	% increase/decrease over previous year	3.79	-3.42	-31.85	16.3	17.5	
	All India total No. of total persons injured	4,64,715	4,49,360	3,46,747	3,84,448	4,43,366	-1.17
	Share of Million Plus City in total	16.5	16.5	14.6	15.3	15.6	
Accident severity (million plus cities)		20.8	21.5	23.1	22.8	22.3	
All India - Accident severity*		32.4	34.8	37.2	37.3	36.5	

* Accident deaths per 100 road accidents

6.2 Total number of accidents and number of persons killed in Million Plus Cities registered a significant increase. The incidence of road accident had recorded an increase of 14.0 percent in 2022 over 2021, which is more than all India increase of 11.9 percent recorded in 2022 over 2021. Similarly, growth of injury registered an

increase of 17.5 percent, which is more than all India increase of 15.3 percent recorded in 2022 over 2021. Accident Severity of million plus cities had decreased to 22.3 in 2022 from 22.8 in 2021, which is consonance with National Accident Severity reduction from 37.3 in 2021 to 36.5 in 2022.

Chart 6.1: Trends in Number of Road Accidents and Injuries in Million Plus Cities: 2015-2022.



6.3 Million plus cities had shown a slight declining trend in percentage share of accidents and injuries during the period 2018 and 2020 and increased from 2021 and registered share of 16.6% and 15.6 % respectively in the year 2022 (Chart 6.2). However, the number of fatalities in million plus cities declined from 11.2%

in 2018 to 10.1% in 2022. The accident severity has been depicting upward trend in the million plus cities over the period 2018 to 2022, increasing from 20.8 in 2018 to 22.3 in 2022. Detailed profile of number of accidents, persons killed and injured is given at the Table 6.2.

Chart 6.2: Share of Million-Plus Cities in Total Road Accidents, Persons Killed and Injured during 2018-2022 (percent)



Table 6.2: Number of Road Accidents, Persons Killed & Injured in Million-Plus Cities during 2021 to 2022

S. No.	Million Plus Cities	Total Accidents				No of persons Killed				No of persons injured			
		In numbers		Ranking		In numbers		Ranking		In numbers		Ranking	
		2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
1	Agra	915	1,029	26	28	549	548	6	9	604	795	27	29
2	Ahmedabad	1,433	1,711	19	19	404	488	11	11	1,062	1,305	22	21
3	Allahabad(Prayagraj)	1,165	1,370	24	24	535	603	7	6	751	886	25	28
4	Amritsar	98	117	50	50	65	82	48	48	48	62	50	50
5	Asansol Durgapur	398	494	42	40	302	359	18	17	224	309	45	44
6	Aurangabad	471	528	37	38	154	199	36	34	388	370	37	42
7	Bengaluru	3,213	3,822	5	4	654	772	3	2	2,820	3,189	5	6
8	Bhopal	2,616	3,313	6	6	253	348	26	20	2,190	2,645	7	8
9	Chandigarh	208	237	47	47	96	83	46	47	172	203	46	45
10	Chennai	5,034	3,452	1	5	998	507	2	10	5,020	3,724	1	4
11	Coimbatore	866	1,085	27	26	234	272	29	28	687	939	26	25
12	Delhi	4,720	5,652	2	1	1,239	1,461	1	1	4,273	5,201	2	1
13	Dhanbad	187	179	48	48	123	114	43	45	108	73	49	49
14	Faridabad	505	594	35	35	211	263	30	30	423	452	34	37
15	Ghaziabad	824	886	28	30	395	363	12	16	551	638	30	30
16	Gwalior	1,830	2,057	12	13	359	353	17	19	1,340	1,498	18	18
17	Hyderabad	2,273	2,516	8	9	297	323	19	23	2,151	2,252	8	10
18	Indore	3,676	4,680	4	2	484	639	8	5	3,192	3,967	4	3
19	Jabalpur	3,855	4,046	3	3	467	481	10	12	3,756	4,181	3	2
20	Jaipur	2,165	2,687	10	8	625	765	4	3	1,791	2,167	11	12
21	Jamshedpur	152	167	49	49	65	68	48	49	134	115	48	48
22	Jodhpur	593	684	34	33	237	269	27	29	422	505	35	36
23	Kannur	1,174	1,635	23	20	122	149	44	43	1,327	2,118	19	14
24	Kanpur	1,354	1,424	21	23	598	640	5	4	954	1,011	24	24
25	Kozhikode	1,377	2,054	20	14	131	195	41	36	1,391	2,164	17	13
26	Kochi	1,781	2,432	13	10	141	156	39	41	1,758	2,361	12	9
27	Kolkata	1,717	1,948	16	15	196	185	33	38	1,418	1,718	16	16
28	Kollam	1,552	2,082	17	12	184	214	35	31	1,647	2,175	13	11
29	Kota	368	444	44	44	75	111	47	46	367	432	39	39
30	Lucknow	790	1,349	30	25	261	587	24	7	521	935	31	26
31	Ludhiana	478	467	36	43	380	364	14	15	169	174	47	46
32	Madurai	618	744	33	32	154	192	36	37	506	601	33	33
33	Malappuram	2,147	2,991	11	7	291	320	20	24	2,384	3,499	6	5
34	Meerut	811	926	29	29	361	345	16	21	558	935	28	26
35	Mumbai	2,230	1,895	9	17	387	371	13	14	1,942	1,671	9	17
36	Nagpur	958	1,080	25	27	268	310	23	25	964	1,169	23	23
37	Nashik	470	479	38	41	185	207	34	33	403	540	36	35
38	Patna	384	275	43	46	210	198	31	35	285	121	44	47
39	Pune	741	871	31	31	255	325	25	22	556	608	29	32
40	Raipur	1,763	1,911	14	16	472	583	9	8	1,311	1,322	20	20
41	Rajkot	346	498	45	39	136	150	40	42	290	422	43	40
42	Srinagar	331	426	46	45	40	53	50	50	347	438	41	38
43	Surat	704	683	32	34	272	293	22	27	513	553	32	34
44	Thiruvananthapuram	1,438	1,825	18	18	117	171	45	40	1,515	1,911	15	15
45	Thrissur	1,719	2,374	15	11	201	210	32	32	1,875	2,711	10	7
46	Tiruchirappalli	399	542	41	36	130	149	42	43	377	624	38	31
47	Vadodara	464	478	39	42	146	181	38	39	349	378	40	41
48	Varanasi	423	539	40	37	236	294	28	26	310	330	42	43
49	Vijayawada city	1,228	1,543	22	21	287	418	21	13	1,081	1,367	21	19
50	Vizag	2,339	1,531	7	22	368	358	15	18	1,533	1,288	14	22
Total		67,301	76,752			15,350	17,089			58,758	69,052		

TOP 10 MILLION PLUS CITIES IN ACCIDENTS DURING 2022

6.4 Top 10 cities listed in Table 6.3 are selected based on the number of accidents reported by these Cities in the year 2022. Delhi has recorded the highest number of accidents in 2022, followed by Indore and Jabalpur being at the third place (Table 6.3). The top 10 cities comprising Delhi, Indore, Jabalpur, Bengaluru, Chennai, Bhopal, Mallapuram, Jaipur, Hyderabad and Kochi accounted for

46.37 per cent of the total road accidents of 50 million plus cities. At the bottom rank in accidents are Dhanbad, Jamshedpur and Amritsar (Table 6.2). The number of road accidents and fatalities have been increased in all million plus cities except Chennai, Dhanbad, Ludhiana, Mumbai, Patna and Vizag Cities in 2022 as compared to 2021 (Table 6.2).

Table 6.3: Number of Road Accidents in Top 10 Million-Plus Cities

S. No.	Million Plus Cities	2018	2019	2020	2021	2022
1	Delhi	6,515	5,610	4,178	4,720	5,652
	Share % in total	7.64	6.78	7.11	7.01	7.36
2	Indore	3,434	3,383	3,036	3,676	4,680
	Share % in total	4.02	4.09	5.17	5.46	6.10
3	Jabalpur	3,419	3,397	3,226	3,855	4,046
	Share % in total	4.01	4.10	5.49	5.73	5.27
4	Bengaluru	4,611	4,684	3,233	3,213	3,822
	Share % in total	5.40	5.66	5.50	4.77	4.98
5	Chennai	7,580	6,871	4,389	5,034	3,452
	Share % in total	8.88	8.30	7.47	7.48	4.50
6	Bhopal	3,508	3,287	2,295	2,616	3,313
	Share % in total	4.11	3.97	3.91	3.89	4.32
7	Mallapuram	2,423	2,562	1,784	2,147	2,991
	Share % in total	2.84	3.09	3.04	3.19	3.90
8	Jaipur	2,781	4,271	1,940	2,165	2,687
	Share % in total	3.26	5.16	3.30	3.22	3.50
9	Hyderabad	2,846	2,900	2,064	2,273	2,516
	Share % in total	3.34	3.50	3.51	3.38	3.28
10	Kochi	2,411	2,290	1,437	1,781	2,432
	Share % in total	2.83	2.77	2.45	2.65	3.17
Total top 10		39,528	39,255	27,582	31,480	35,591
% Share in Total		46.33	47.42	46.96	46.77	46.37
All Cities Total		85,318	82,781	58,736	67,301	76,752

PROFILE OF ROAD ACCIDENTS IN TOP 10 MILLION PLUS CITIES IN 2022

6.5 During the last five years from 2018 to 2022, Top 10 Million Plus Cities have been sharing more than 46 percent of total road accidents of all million plus cities (Table 6.3). Top 10 Million Plus Cities listed in the Chart 6.3, shows an

increase from 2020 onwards except Chennai. All top ten million plus cities recorded significant increase in number of accidents in 2022 compared to 2021, except Chennai.

Chart 6.3: Trends of Road Accidents in top 10 Million Plus Cities

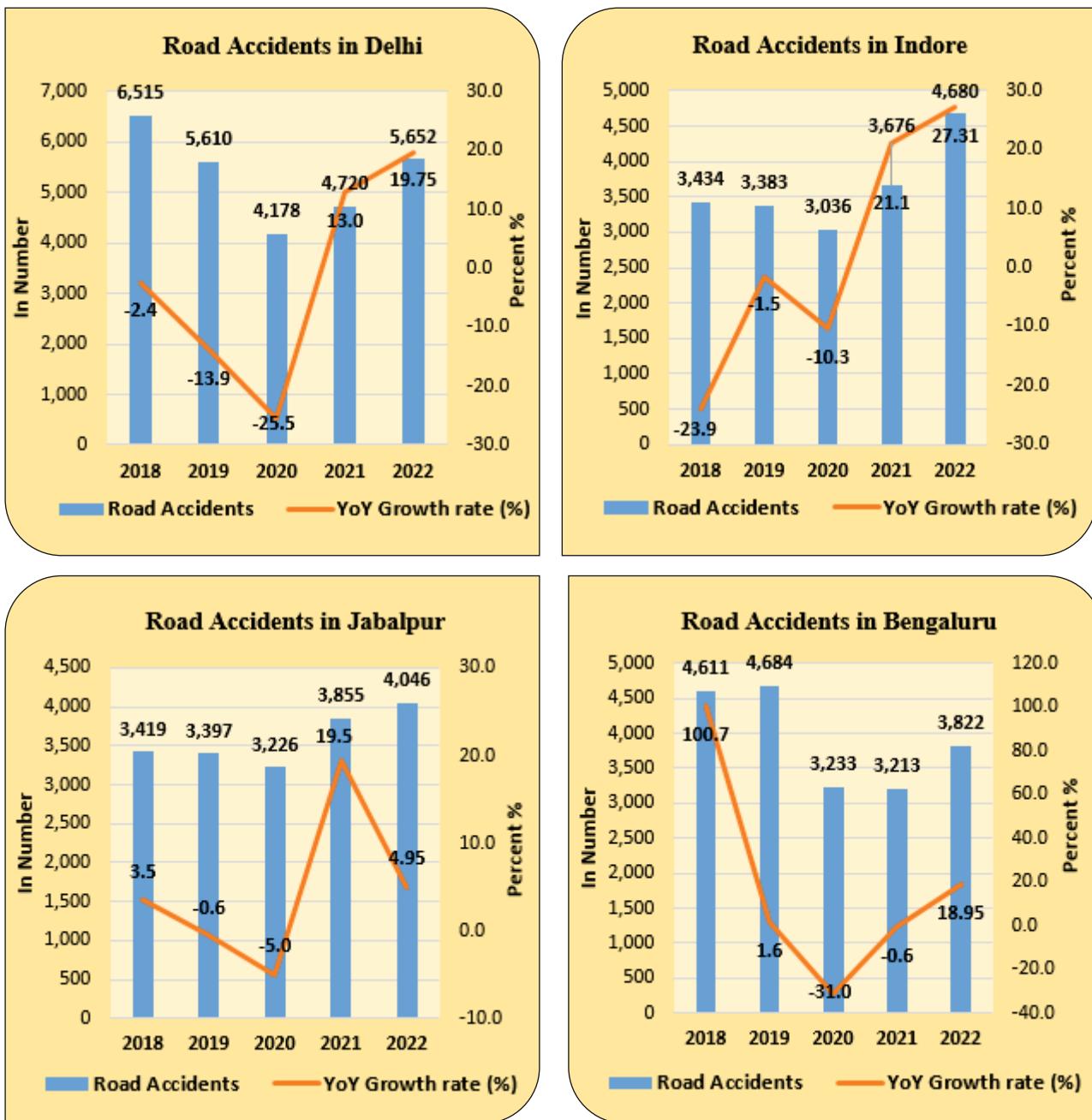
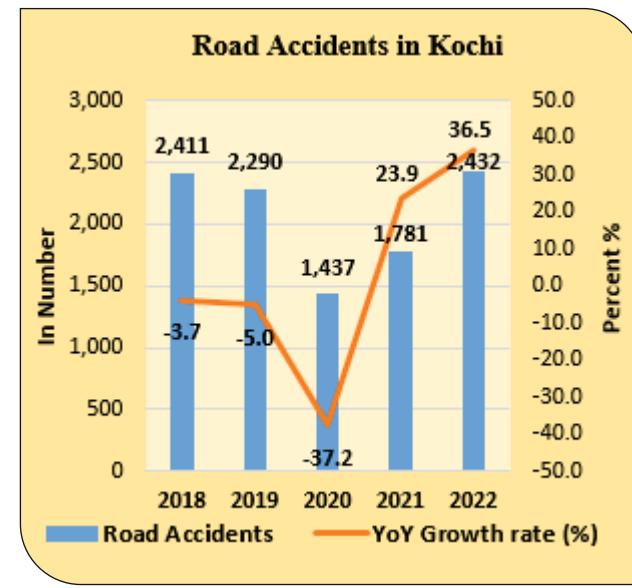
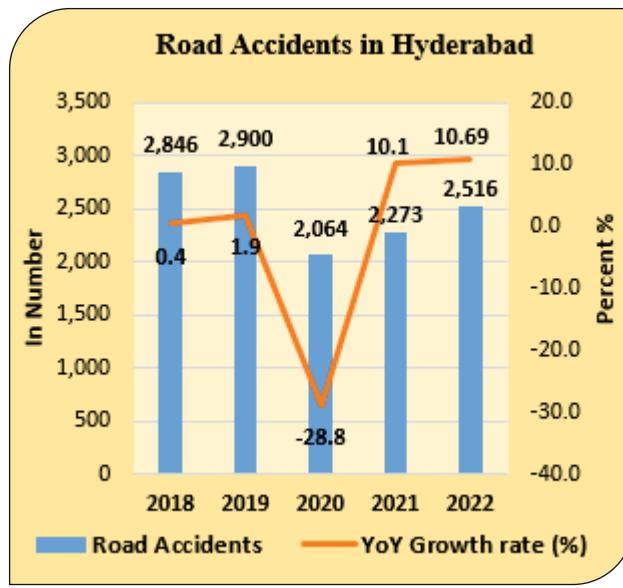
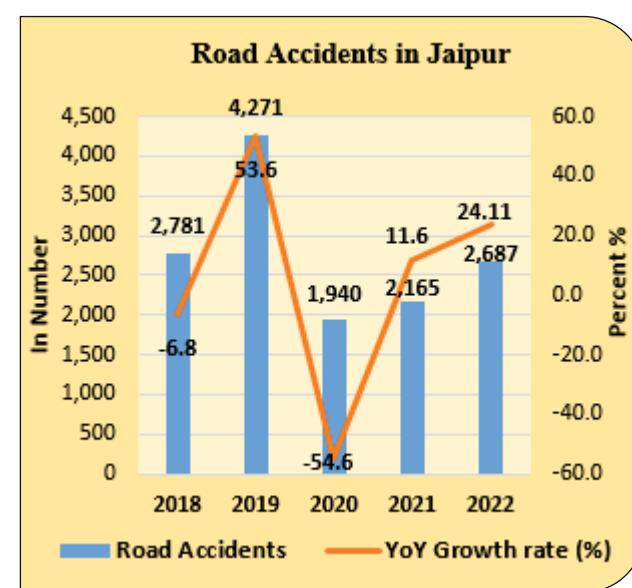
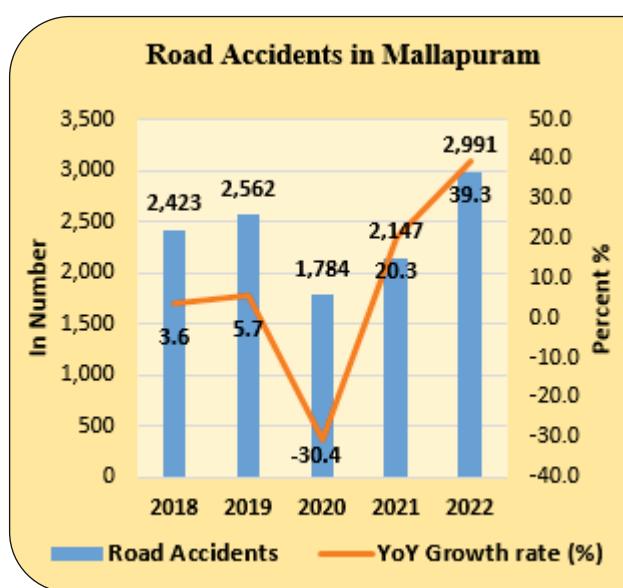
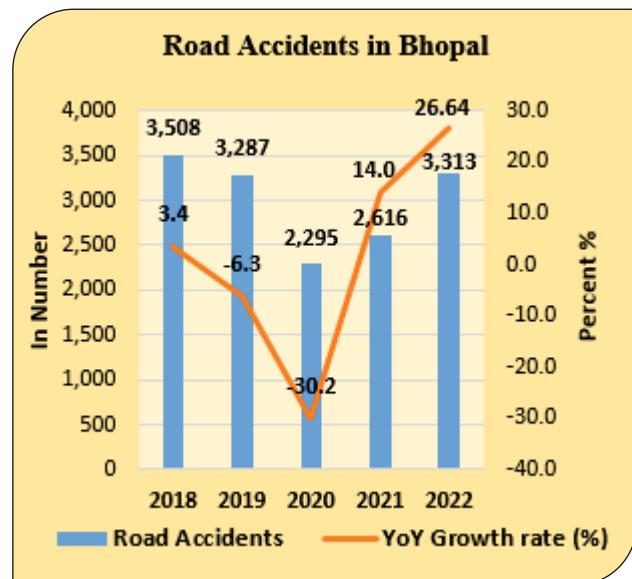
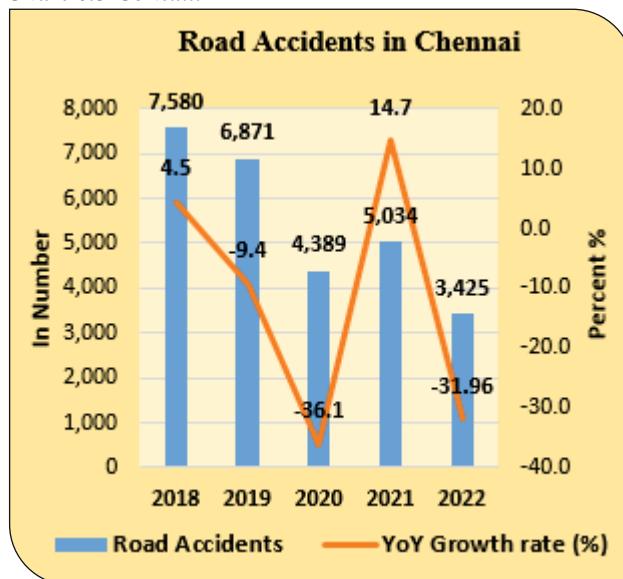


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Chart 6.3 Contd...



Reduction of Accidents of Top 5 Million Plus Cities in 2022

6.6 Chennai City achieved the maximum reduction in number of accidents i.e., decline of 1,582 accident followed by

Vizag and Mumbai as may be seen by order of reduction of accidents in table 6.4.

Table 6.4: Top 5 Million Plus Cities which reduced number of Road Accidents in 2022

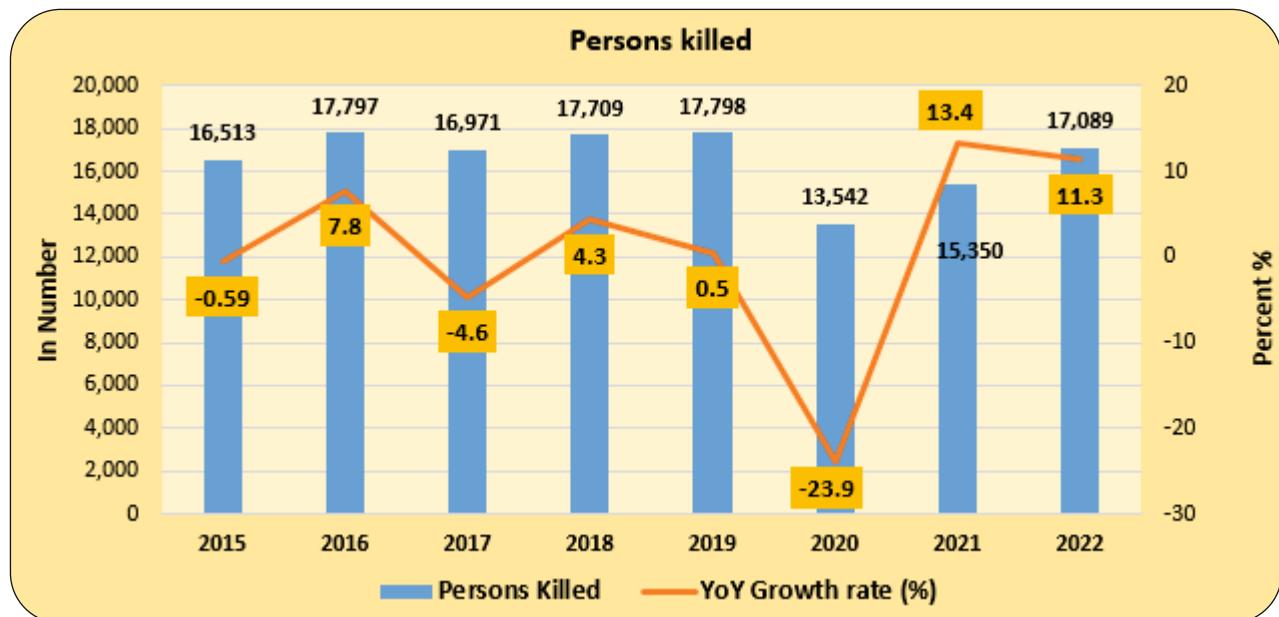
Top 5 Cities	2021	2022	Reduction	% Reduction
Chennai	5,034	3,452	1,582	-31.4
Vizag	2,339	1,531	808	-34.5
Mumbai	2,230	1,895	335	-15.0
Patna	384	275	109	-28.4
Surat	704	683	21	-3.0

ROAD ACCIDENT FATALITIES IN MILLION PLUS CITIES

6.7 The total number of accident deaths had increased from 15,350 in 2021 to 17,089 in 2022, recorded an increase of 11.3 percent, which is higher than the all-India average increase of 9.4 percent. It may be seen in the Table 6.2 that all Million Plus Cities except Agra, Chandigarh, Chennai, Dhanbad, Ghaziabad, Gwalior, Kolkata, Ludhiana,

Meerut, Mumbai, Patna and Vizag had recorded an increase in number of accident deaths in 2022 over the year 2021. The trend of accident fatalities in Million Plus Cities shows a general declining trend since 2018 till 2020 and a marginal increase in 2021 and further recorded increase in 2022 (Chart 6.4).

Chart 6.4: Trends of Road Accident Fatalities in Million Plus Cities



Top 10 Million Plus Cities in terms of number of Fatalities in 2022

6.8 Top 10 Cities are selected based on the number of fatalities reported in the year 2022. In respect of number of fatalities, Delhi recorded the highest number of deaths in 2022, followed by Bengaluru

and then Jaipur. The Top 10 cities together accounted for 41.58 per cent of road accident deaths in all 50 Million-Plus Cities in 2022.

Table 6.5: Number of Road Accidents Fatalities in Top 10 Million-Plus Cities in 2022

S. No.	Million Plus Cities	2018	2019	2020	2021	2022
1	Delhi	1,690	1,463	1,196	1,239	1,461
	Share % in total	9.54	8.22	8.83	8.07	8.55
2	Bengaluru	686	768	646	654	772
	Share % in total	3.87	4.32	4.77	4.26	4.52
3	Jaipur	692	1283	606	625	765
	Share % in total	3.91	7.21	4.47	4.07	4.48
4	Kanpur	698	692	563	598	640
	Share % in total	3.94	3.89	4.16	3.90	3.75
5	Indore	322	328	459	484	639
	Share % in total	1.82	1.84	3.39	3.15	3.74
6	Allahabad	614	599	517	535	603
	Share % in total	3.47	3.37	3.82	3.49	3.53
7	Lucknow	580	581	374	261	587
	Share % in total	3.28	3.26	2.76	1.70	3.43
8	Raipur	427	458	482	472	583
	Share % in total	2.41	2.57	3.56	3.07	3.41
9	Agra	623	616	514	549	548
	Share % in total	3.52	3.46	3.8	3.58	3.21
10	Chennai	1260	1252	872	998	507
	Share % in total	7.12	7.03	6.44	6.50	2.97
	Total top 10	7,592	8,040	6,229	6,415	7,105
	% Share in Total	42.87	45.17	46.00	41.79	41.58
All Cities Total		17,709	17,798	13,542	15,350	17,089

Micro profile of Top 10 Million Plus Cities in respect of Accident Fatalities

6.9 During the last five years from 2018 to 2022, Top 10 million Plus Cities had been sharing more than 41 percent of total road accidents fatalities of all million plus cities (Table 6.5). Micro

analysis of Top 10 million Plus Cities listed in the Chart 6.5, shows an increase in the incidence of accident fatalities from 2020 onwards except Chennai and Agra.

Chart 6.5 Trends of Road Accident Fatalities in top 10 Million Plus Cities

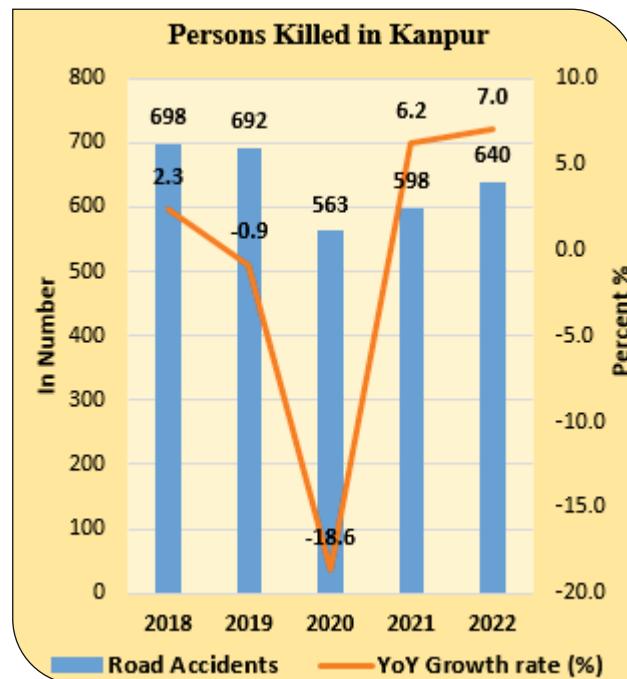
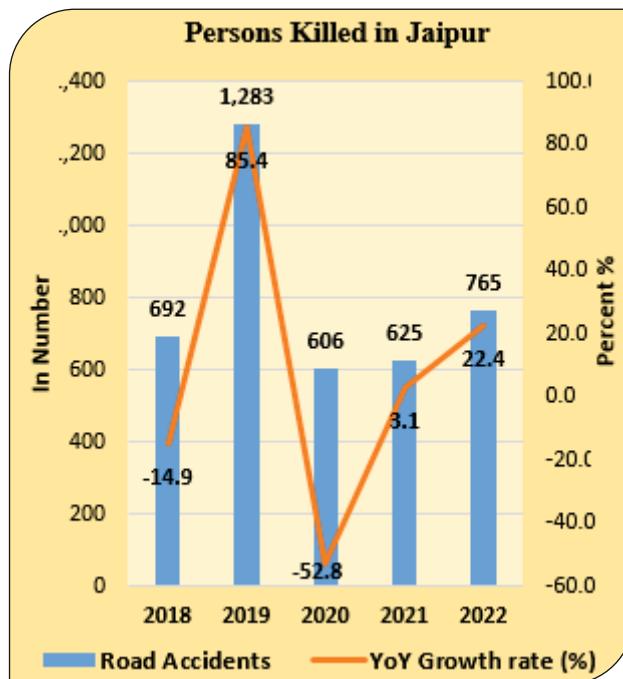
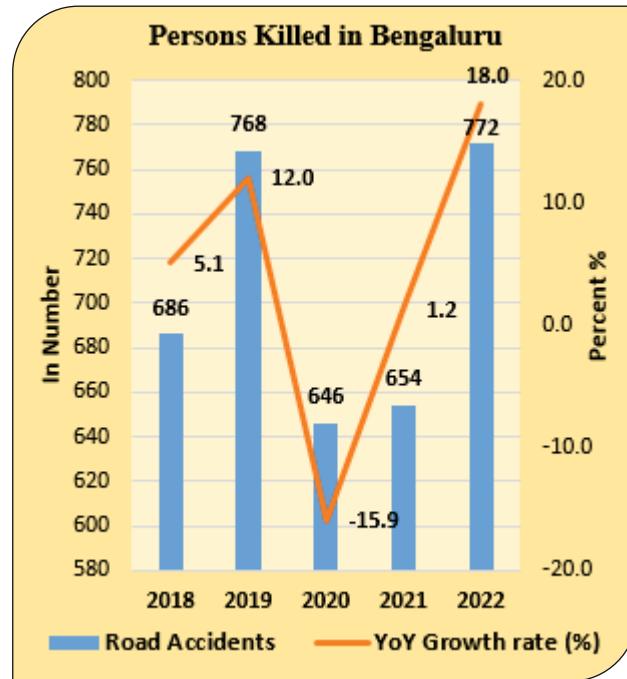
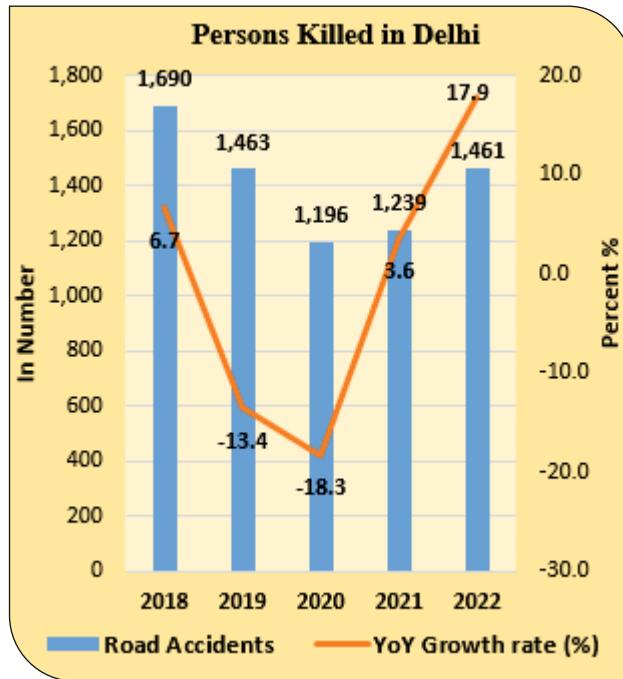
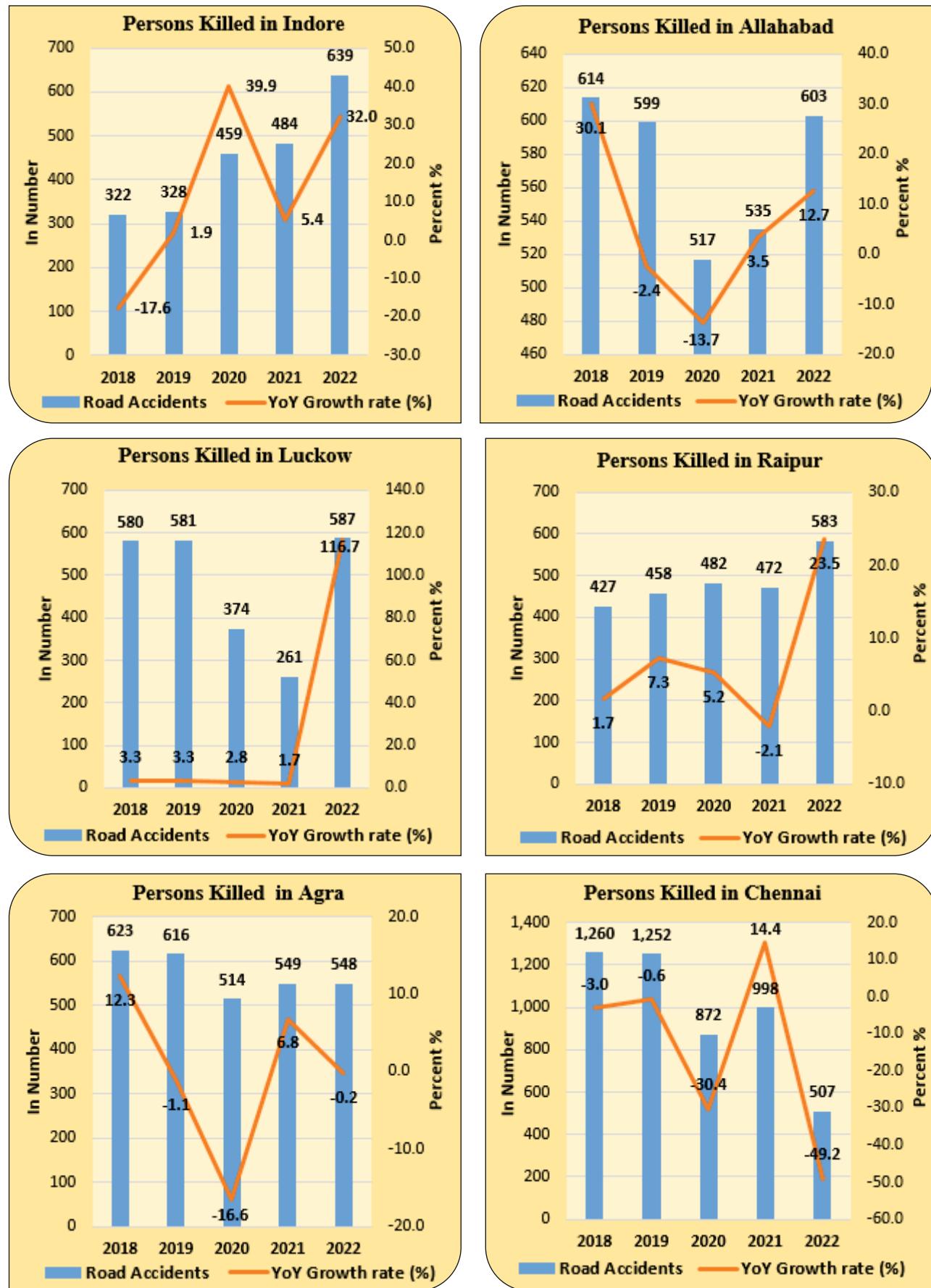


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Reduction of fatalities among top 5 Cities in 2022

- 6.10 Chennai achieved the maximum reduction in number of accident fatalities i.e. a decline of 491 deaths in 2022 as compared to 2021, followed by Ghaziabad and Ludhiana as may be seen by order of reduction in the table 6.6.

Table 6.6 Reduction of fatalities in Top 5 Million Plus Cities in 2022

Top 5 Cities	2021	2022	Reduction	% Reduction
Chennai	998	507	-491	49.00
Ghaziabad	395	363	-32	8.10
Ludhiana	380	364	-16	4.21
Meerut	361	345	-16	4.43
Mumbai	387	371	-16	4.13

CAUSES OF ACCIDENTS IN MILLION PLUS CITIES

- 6.11 The Supreme Court Committee on road safety had desired more details in the Road Accident publication in respect of road accidents happening in Million Plus Cities. Hence, additional details have

been sought and provided since 2019. The trend of causes of accidents in million plus cities however broadly match the trend seen at the all-India level.

Road Accidents, Fatalities and Injuries by Type of Impacting Vehicles

- 6.12 The data in Table 6.7 and Chart 6.6 reveals that two-wheelers (42.9 percent) accounted for the highest share of total accident happened in million plus cities in 2022 followed by Pedestrian (19.6 %), car/jeep/van & LVM (16.6%), and Auto-Rickshaw accounting for (5.6%). Annexure 46 shows that, in the Two-

Wheelers category, Indore topped the list with 2,632 accidents. Jamshedpur with 34 accidents is ranked last. In respect of Road Accident Deaths, maximum deaths reported in the Two-wheelers category in the city of Delhi (551) followed by Bengaluru (416) while Jamshedpur reported the least number of deaths (11).

Table 6.7 Road Accidents, Fatalities and Injuries by Type of Impacting Vehicles i.e. Crime Vehicle in Million Plus Cities during 2022

Vehicle type	No. of Accidents	Persons killed	Persons injured
Pedestrian	15,062	4,362	14,102
% Share in total	19.6	25.5	20.4
Bicycle	1,714	574	1,528
% Share in total	2.2	3.4	2.2
Two-Wheeler	32,930	7,376	35,709
% Share in total	42.9	43.2	51.7

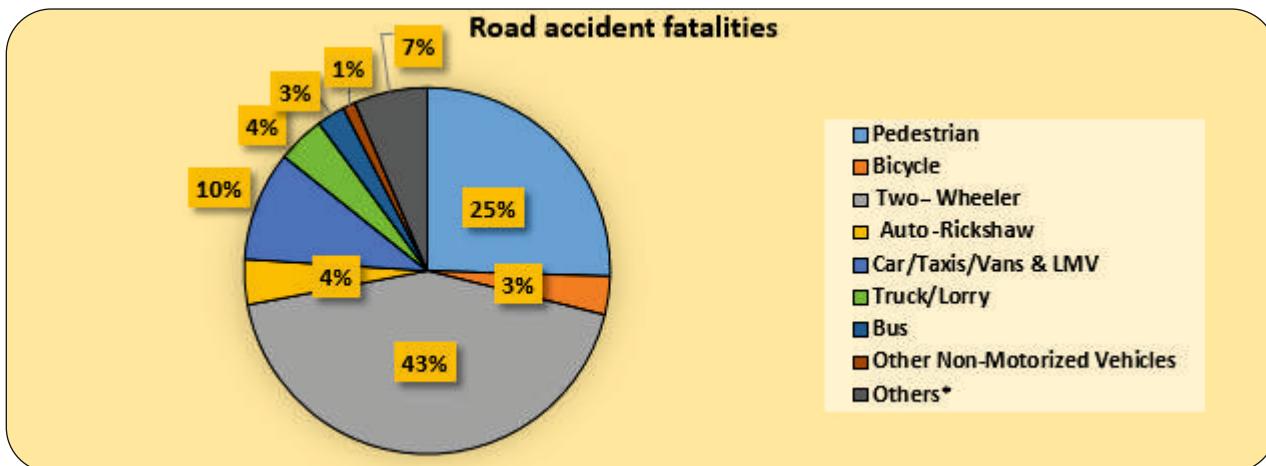
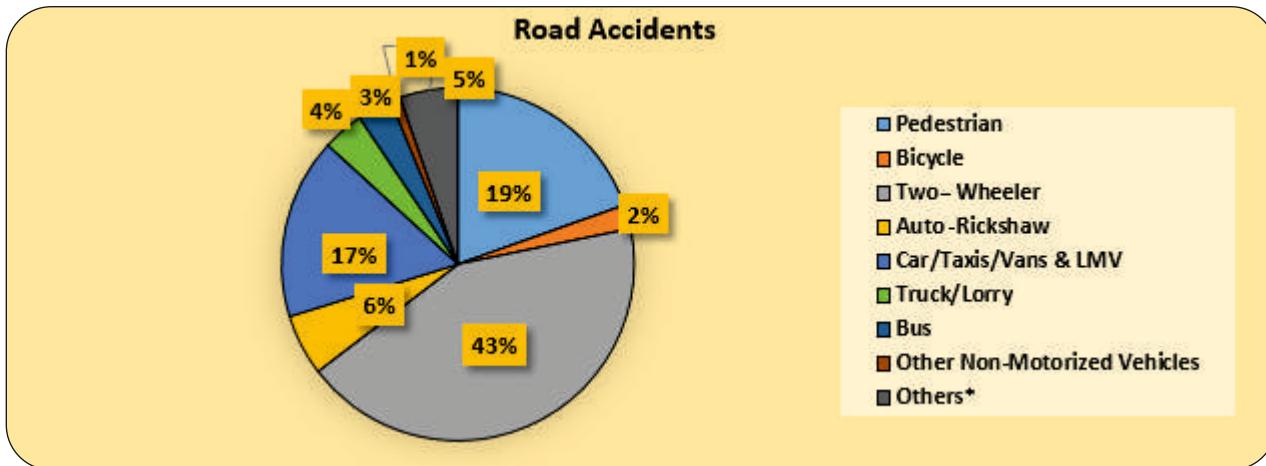
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Vehicle type	No. of Accidents	Persons killed	Persons injured
Auto-Rickshaw	4,274	681	3,889
% Share in total	5.6	4.0	5.6
Car/Taxis/Vans & LMV	12,707	1,658	7,018
% Share in total	16.6	9.7	10.2
Truck/Lorry	2,922	721	1,714
% Share in total	3.8	4.2	2.5
Bus	2,442	421	2,042
% Share in total	3.2	2.5	3.0
Other Non-Motorized Vehicles	657	184	648
% Share in total	0.9	1.1	0.9
Others*	4,044	1,112	2,402
% Share in total	5.3	6.5	3.5
Total	76,752	17,089	69,052

* includes other motor vehicles, animals drawn vehicle, cycle rickshaws, hand carts, & other persons etc.

Chart 6.6: Road Accidents and Fatalities by Type of Impacting Vehicles i.e. Crime Vehicle in Million Plus Cities during 2022.



Road Accidents, Fatalities and Injuries by type of Traffic Rules Violations

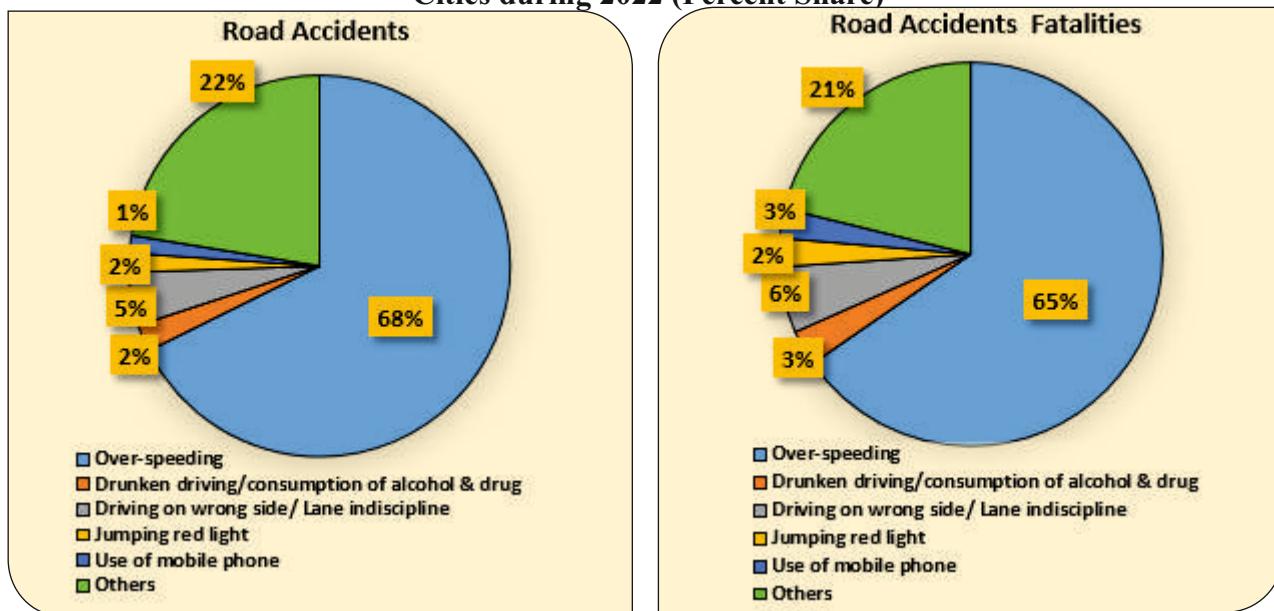
6.13 In 2022, 'Over-speeding' is the main traffic violation associated with accidents, accident-related deaths and injuries in the 50 million plus cities (Table 6.8). Over-speeding in the 50 million plus cities accounted for 67.6 percent (51,864) of the road accidents, 65.5 percent (11,190) of road accident deaths and 66.3 percent of (45,776) of total injuries (Chart

6.7). **Annexure 47** reveals that maximum accidents on account of over-speeding were reported by Indore (4,338) followed by Bengaluru (3,528) in 2022, while the least accidents were reported by Pune. On account of over-speeding, Bengaluru with 711 deaths ranked first followed by Jaipur with 683 deaths and Delhi with 648 Deaths.

Table 6.8: Road Accidents, Fatalities and Injuries in Million Plus Cities by type of Traffic Rules Violation during 2022

Traffic Rules Violation	Accidents	Persons Killed	Persons Injured
Over-speeding	51,864	11,190	45,776
% share of total	67.6	65.5	66.3
Drunken driving/consumption of alcohol & drug	1,781	508	1,517
% share of total	2.3	3.0	2.2
Driving on wrong side/ Lane indiscipline	3,474	951	3,262
% share of total	4.5	5.6	4.7
Jumping red light	1,259	403	1,126
% share of total	1.6	2.4	1.6
Use of mobile phone	1,176	420	966
% share of total	1.5	2.5	1.4
Others	17,198	3,617	16,405
% share of total	22.4	21.2	23.8
Total	76,752	17,089	69,052

Chart 6.7: Road Accidents and Fatalities by type of Traffic Rule Violation in Million Plus Cities during 2022 (Percent Share)



Road Accidents, Fatalities and Injuries by Road Features

6.14 'Straight roads' accounted for 66 percent of road accidents, 66.6 percent of road accident deaths and 65.7 percent of injuries in the Million Plus Cities during 2022 (Table 6.9 and Chart 6.8). Others categories accounted for the second highest share in terms of Number of accidents (19.8%), persons killed (14.9%) and persons injured (20.7%) followed by Curved Road (7.2%, 7.5% and 7.5%). Various road features which lead to more road accidents include

presence of potholes and irregular situation led by ongoing construction works. In the Million Plus Cities, ongoing road works/roads under construction and Bridges together accounted for 4.4 percent of road accidents, 6.8 percent of deaths and 4.0 percent of injuries. Potholes account for nearly 0.8 percent road accidents, 1.2 percent of road accident deaths and 0.7 percent of injuries. Million Plus City wise details are given in Annexure -48.

Table 6.9: Accidents, Persons Killed and Injuries by Road Feature in Million Plus Cities during 2022

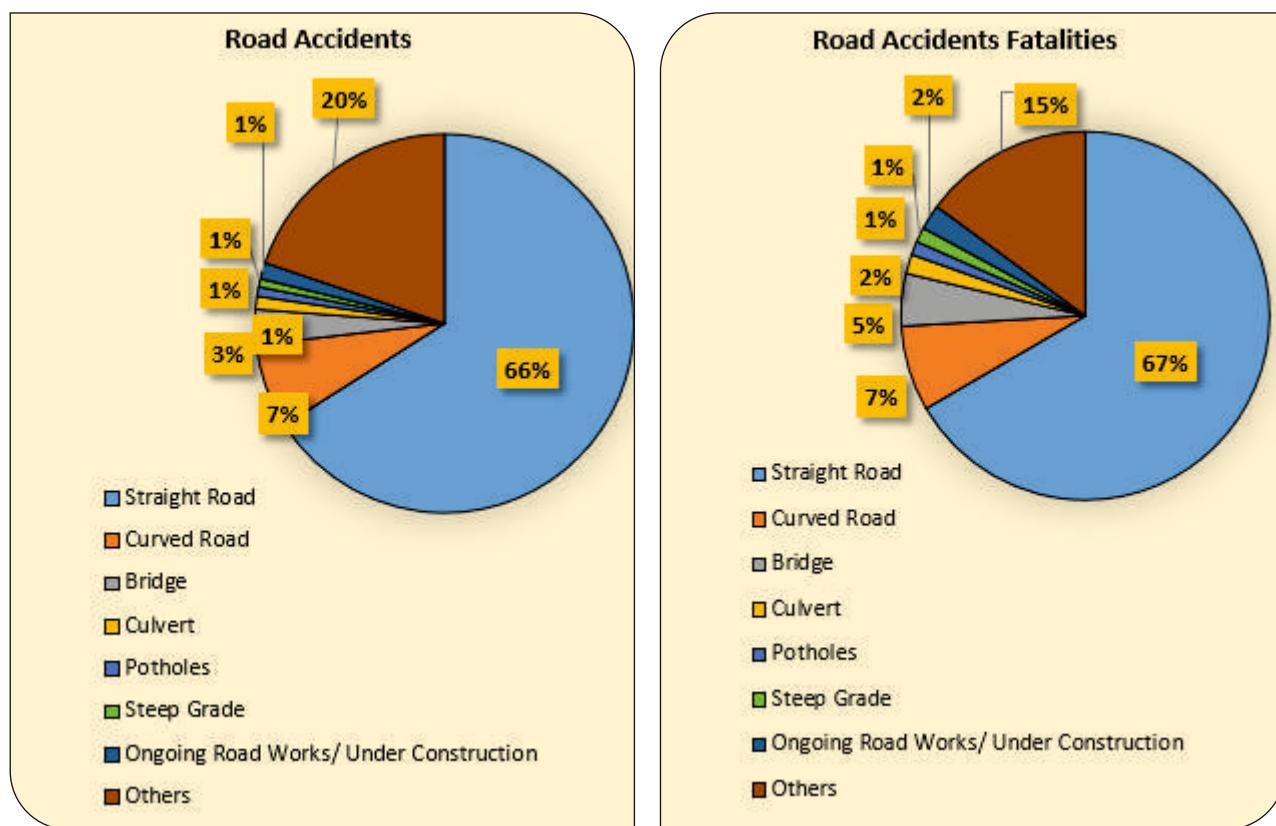
Road feature	Number of accidents	Persons killed	Persons injured
Straight Road	50,662	11,373	45,342
Share in Total	66.0	66.6	65.7
Curved Road	5,548	1,287	5,182
Share in Total	7.2	7.5	7.5
Bridge	2,295	789	1,861
Share in Total	3.0	4.6	2.7
Culvert	852	285	682
Share in Total	1.1	1.7	1.0

table contd...

table 6.9 Contd...

Road feature	Number of accidents	Persons killed	Persons injured
Potholes	600	197	491
Share in Total	0.8	1.2	0.7
Steep Grade	518	230	362
Share in Total	0.7	1.3	0.5
Ongoing Road Works/ Under Construction	1,080	376	872
Share in Total	1.4	2.2	1.3
Others	15,197	2,552	14,260
Share in Total	19.8	14.9	20.7
Total Million Plus cities	76,752	17,089	69,052

Chart 6.8: Road Accidents and Fatalities by Road Features in Million Plus Cities during 2022



Road Accidents, Fatalities and Injuries by type of Road Junction

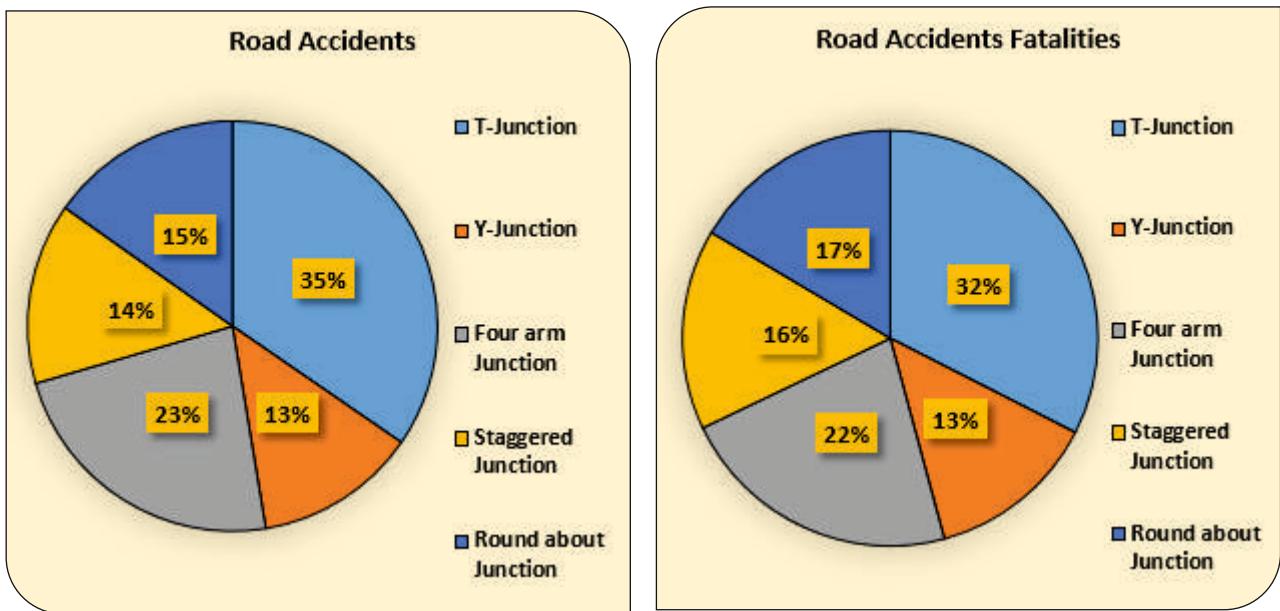
6.15 Road junctions are traffic merging points and hence are prone to accidents. Within the Junctions Category, T-junction accounts for the largest share of accidents (34.6 %), persons killed (32.5 %) and injuries (34.2 %). The leading five Million

Plus Cities in terms of accidents on T-Junctions are Jabalpur (1,831), Raipur (594), Kolkata (528), Bengaluru (512) and Gwalior (442). Million Plus City wise details are given at Annexure 49.

Table 6.10: Accidents by type of Road Junction in the Million Plus Cities during 2022

Junction Type	Number of Accidents	Persons Killed	Persons Injured
T-Junction	9,513	1,730	8,256
Share in Total	34.6	32.5	34.2
Y-Junction	3,522	707	3,130
Share in Total	12.8	13.3	13.0
Four arm Junction	6,338	1,175	5,572
Share in Total	23.1	22.1	23.1
Staggered Junction	3,937	829	3,411
Share in Total	14.3	15.6	14.1
Round about Junction	4,173	878	3,758
Share in Total	15.2	16.5	15.6
Total	27,483	5,319	24,127

Chart 6.9: Road Accidents and Fatalities by type of Road Junction in Million Plus Cities during 2022



Road Accidents, Fatalities and Injuries by type of Traffic Control

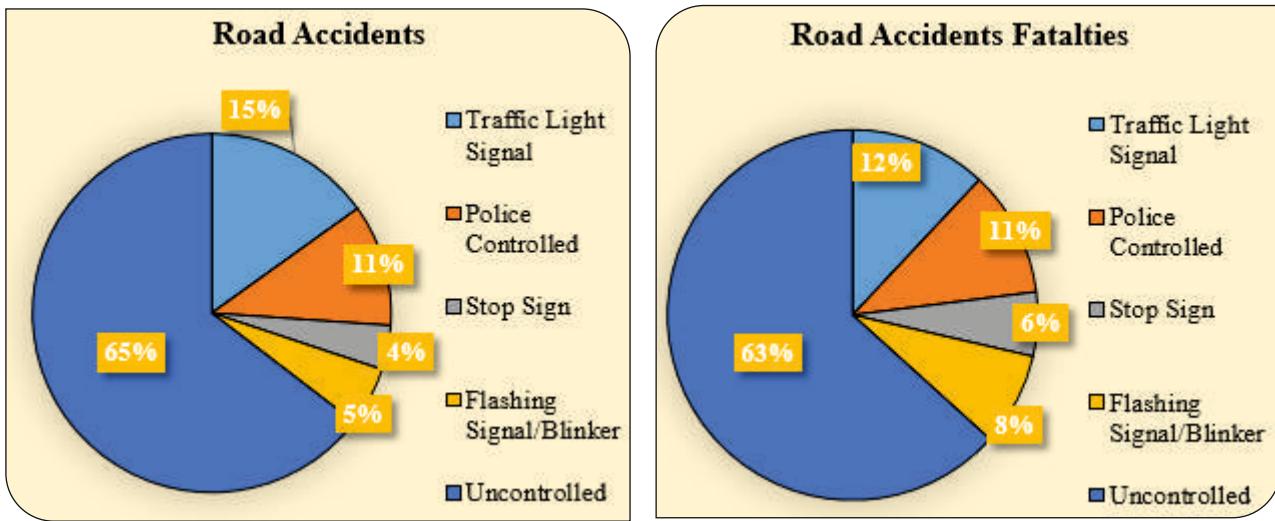
6.16 The table 6.11 reveals the largest number of accidents, persons killed and injures in the 50 million Plus Cities took place on uncontrolled crossings which accounted

for 64.6% of the total accidents, 63.3% of the people killed and 64.5% of the people injured during 2022. Million Plus City wise details is given at **Annexure 50**.

Table 6.11: Accidents, Persons Killed and Injured by type of Traffic Control during 2022

Traffic control	Number of Accidents	Persons Killed	Persons Injured
Traffic Light Signal(a)	4,151	637	3,782
Share in Total	15.1	12.0	15.6
Police Controlled(b)	3,013	586	2,517
Share in Total	11.0	11.0	10.4
Stop Sign(c)	1,109	299	1,066
Share in Total	4.0	5.6	4.4
Flashing Signal/Blinker(d)	1,463	430	1,242
Share in Total	5.3	8.1	5.1
Uncontrolled(e)	17,747	3,367	15,668
Share in Total	64.6	63.3	64.5
Total	27,483	5,319	24,275

Chart 6.10: Road Accidents and Fatalities by type of Traffic Control in Million Plus Cities during 2022 (Percent Share)



Road Accidents, Fatalities and Injuries by Weather Condition

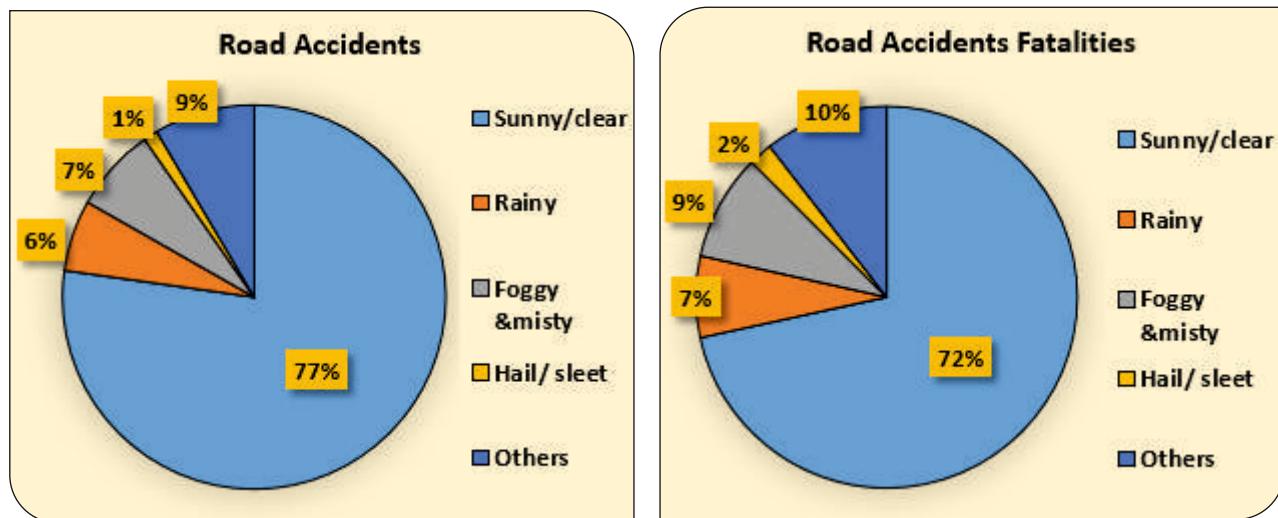
6.17 Weather condition affects road surface condition and the visibility of the drivers, thereby increasing the chances of mishaps. For the fourth consecutive year, data of road accidents for 2022 shows that more than 3/4th of the accidents took place under sunny/clear weather

condition (Table 6.12). Accidents under adverse weather conditions such as rainy, foggy and hail/sleet and others accounted for only 22.8 per cent of total road accidents during 2022. The city wise details of accidents by weather condition are given in **Annexure 45**.

Table 6.12: Accidents, persons killed and injured by Weather Condition 2022

Weather condition	Accidents	Killed	Injured
Sunny/clear	59,316	12,240	51,744
% Share	77.3	71.6	74.9
Rainy	4,581	1,172	4,014
% Share	6.0	6.9	5.8
Foggy & misty	5,425	1,546	4,695
% Share	7.1	9.0	6.8
Hail/ sleet	911	335	748
% Share	1.2	2.0	1.1
Others	6,519	1,796	7,851
% Share	8.5	10.5	11.4
Total	76,752	17,089	69,052

Chart 6.11: Road Accidents and Fatalities by Weather Condition in Million Plus Cities during 2022 (Percent Share)



SECTION - 7

SPATIAL AND INTER-TEMPORAL DISTRIBUTION OF ROAD ACCIDENTS

7.1 As per 2011 census, 68.8 per cent of India's population live in rural areas and while 31.2 per cent live in urban areas. Urban areas have higher population density and more vehicular traffic and therefore it is expected more incidences of road accidents as compared to rural areas. However, percentage share of road accidents in rural area is more compared

to urban area. Social and economic activities and travel during a year and in a day have some seasonality and pattern which affects road traffic volume and perhaps, incidences of accidents as well. This section presents a summary of the related data for 2022 furnished by the States and UTs.

ROAD ACCIDENTS IN URBAN AND RURAL AREAS

7.2 During the year 2022, 1,77,269 (38%) road accidents were reported in urban areas and 2,84,043 (62%) in rural areas lead to injury of 1,59,444 (36%) and 2,83,922 (64%) persons respectively in urban and rural area respectively. The Total number of persons killed in 2022 accounted the 54,230 (32%) in urban areas and 1,14,261 (68%) in rural areas. As compared to 2021, the share of urban areas in accidents and fatalities had

increased in 2022, whereas the same had come down for rural areas (Table 7.1). The higher share of rural areas in total fatalities may be due to inadequate trauma care facilities/emergency medical facility, enforcement of road safety rules and regulation, awareness regarding safe driving etc. in rural areas as compared to urban area. State-wise details are given at **Annexure 39**.

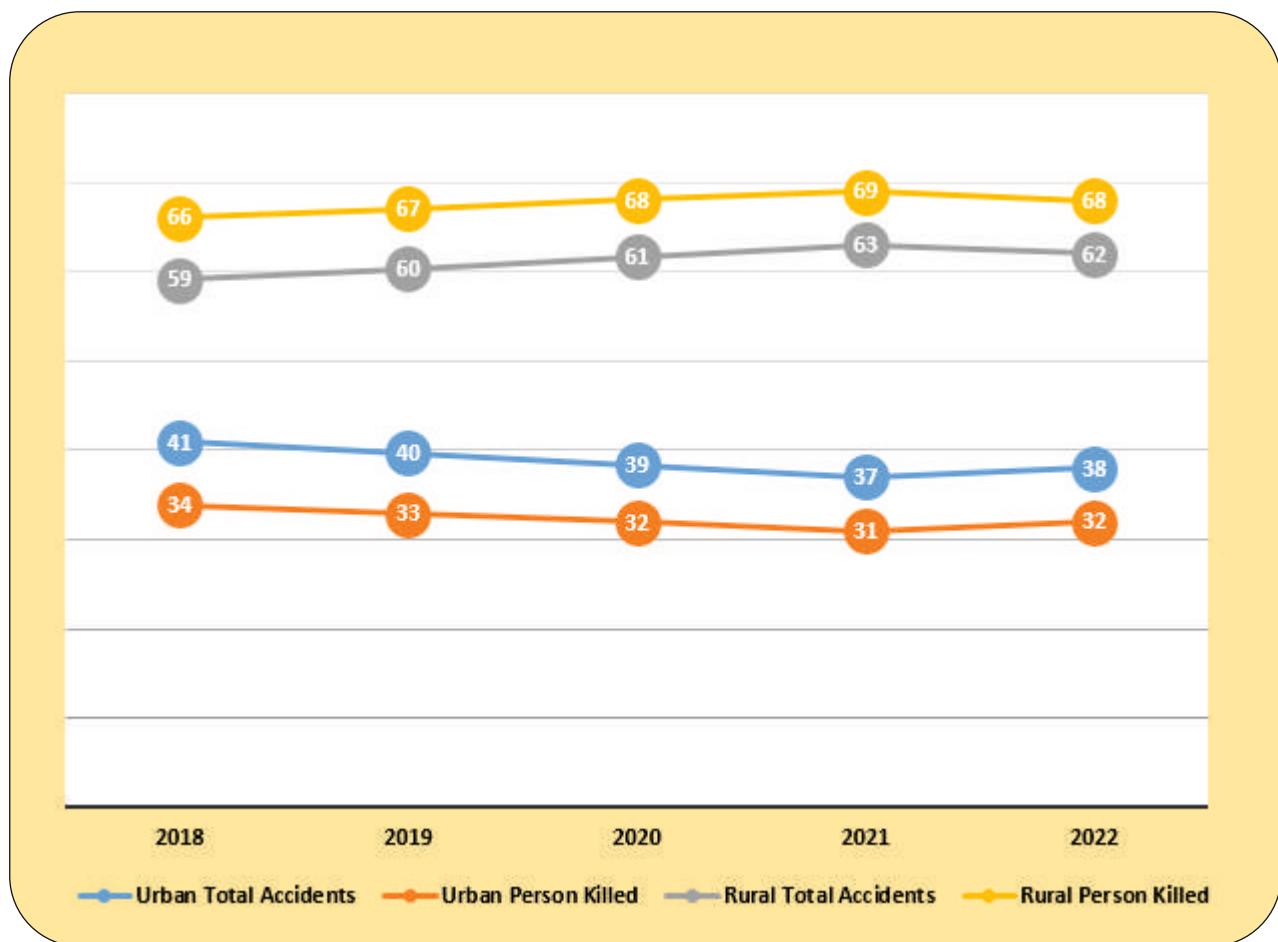
Table 7.1: Number of road accidents, persons killed and injured in Rural and Urban areas- 2018 to 2022

Year	Urban Area			Rural Area			All India		
	Accidents	Killed	Injured	Accidents	Killed	Injured	Accidents	Killed	Injured
2018	1,93,875	53,791	1,78,583	2,76,528	1,03,802	2,86,132	4,70,403	1,57,593	4,64,715
% share	41.2	34.1	38.4	58.8	65.9	61.6			
2019	1,84,287	52,836	1,69,928	2,72,672	1,06,148	2,79,432	4,56,959	1,58,984	4,49,360
% share	40.3	33.2	37.8	59.7	66.8	62.2			
2020	1,43,686	44,323	1,26,337	2,28,495	94,060	2,20,410	3,72,181	1,38,383	3,46,747
% share	38.6	32.0	36.4	61.4	68.0	63.6			
2021	1,52,586	47,235	1,34,719	2,59,846	1,06,737	2,49,729	4,12,432	1,53,972	3,84,448
% share	37.0	30.7	35.0	63.0	69.3	65.0			
2022	1,77,269	54,230	1,59,444	2,84,043	1,14,261	2,83,922	4,61,312	1,68,491	4,43,366
% share	38.4	32.2	36.0	61.6	67.8	64.0			

7.3 In 2022, the share of Urban Areas in number of accidents and persons killed had increased from 37% to 38 % and 31 % to 32 % respectively. Whereas over the period 2018 to 2022 (chart 7.1), number of accidents and persons killed had increased in Rural Area. Urban areas shared 38

percent of accidents whereas corresponding share of Rural area was at 62 per cent in 2022. Similarly, 32 percent of total fatality took place in Urban area and the rural area accounted for 68 percent of same in rural area in 2022.

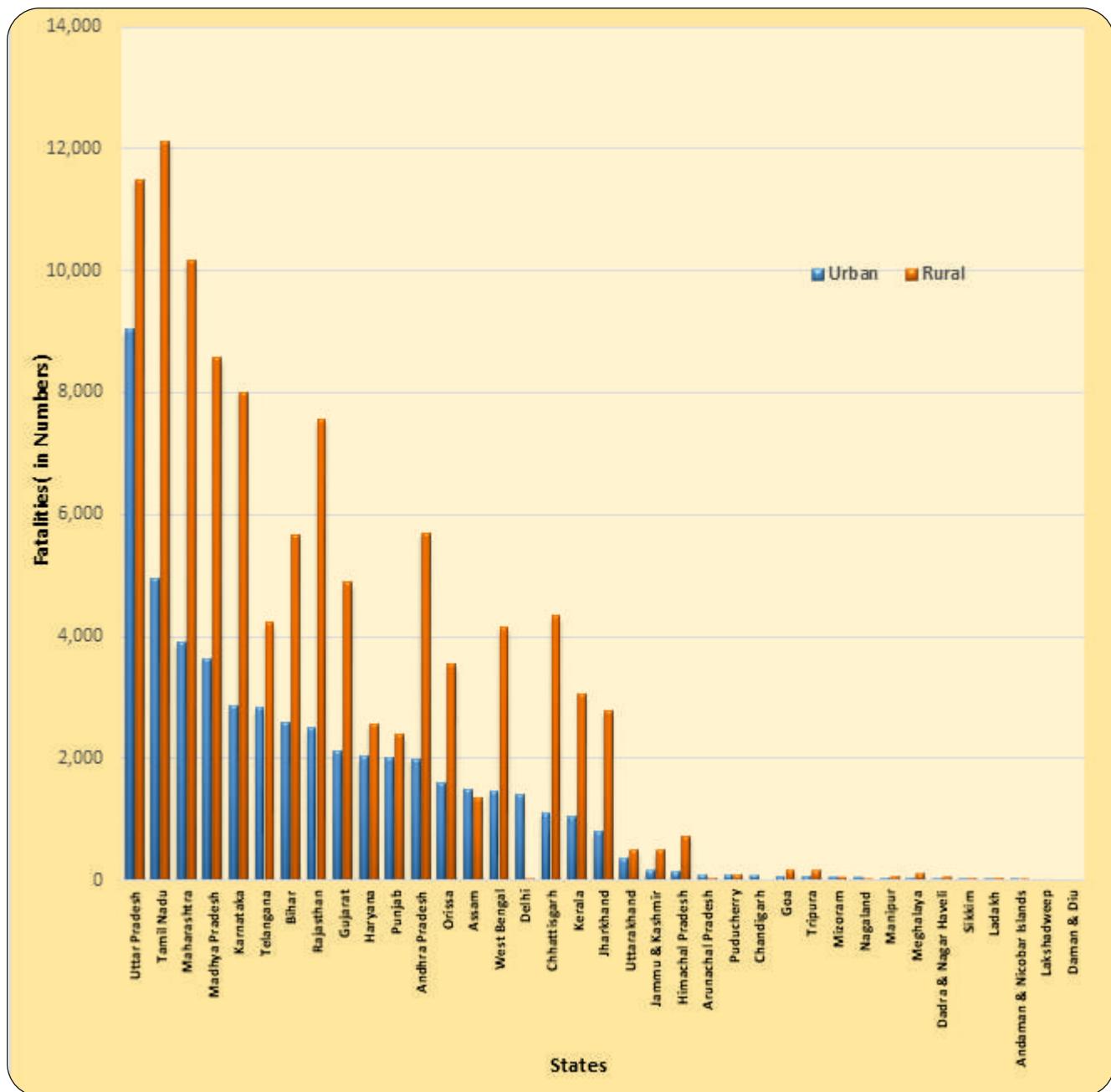
Chart 7.1: Trends of Accident and Persons Killed in Rural and Urban Areas



7.4 State-wise distribution of fatalities during 2022 presented in the Chart 7.2 depicts that a smaller number of fatal accidents recorded in urban areas in all States except for Delhi and Assam. Tamil Nadu topped the list with 12,126 Rural fatalities followed by Uttar Pradesh (11,491 Rural fatalities) and Maharashtra (10,157 rural fatalities).

Whereas Uttar Pradesh topped the list of Urban fatalities with 9,033 persons killed in 2022, followed by Tamil Nadu (4,954) and Maharashtra (3,901). Top 10 States share about 77 percent of fatal road accidents (22% in rural and 45% in urban area) during 2022. Details are given at **Annexure 40**.

Chart 7.2: State-wise and Rural Urban wise distribution of fatal accidents during 2022



TRENDS IN MONTH-WISE DISTRIBUTION OF ROAD ACCIDENTS

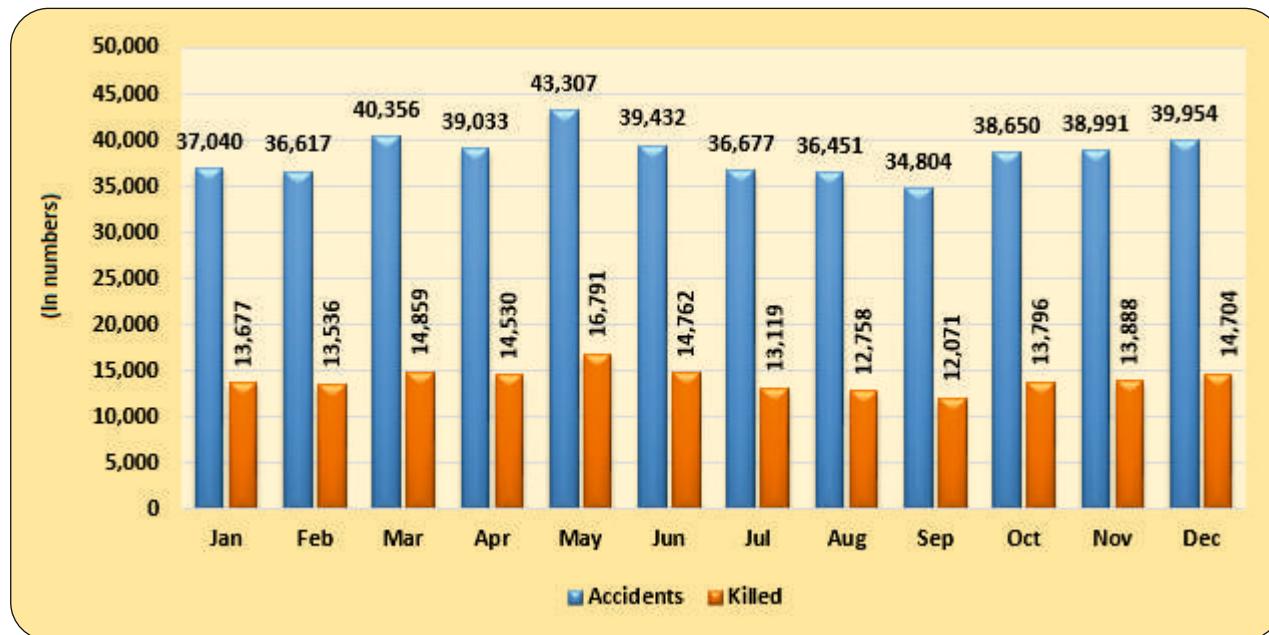
7.5. The month wise data on road accidents presented in Table 7.2 reveals that during the last five years (2018 to 2022), May months recorded maximum number of accident deaths followed by March, December and June. The month-wise distribution in Chart 7.3 depicts both road

accidents and fatalities are comparatively low during July and December than January and June. Maximum number of accidents reported in the month of May followed by March & December (Chart 7.3). The state wise data are given at Annexure 41.

Table 7.2: Trends of month wise distribution of Road Accidents and Persons Killed during 2018-2022

Year	2018		2019		2020		2021		2022	
	Month	Accident	Killed	Accident	Killed	Accident	Killed	Accident	Killed	Accident
JAN	41,972	13,613	42,040	14,380	40,409	13,529	40,305	14,575	37,040	13,677
FEB	38,430	12,453	37,964	13,291	39,905	13,823	37,339	13,864	36,617	13,536
MAR	40,851	13,686	40,408	14,283	32,744	11,646	39,491	14,579	40,356	14,859
APR	41,138	13,967	38,340	13,738	8,389	3,388	31,240	12,226	39,033	14,530
MAY	42,950	14,912	42,061	15,365	20,458	8,261	22,530	10,338	43,307	16,791
JUNE	39,391	13,754	40,381	14,654	27,946	11,048	29,142	11,985	39,432	14,762
JULY	37,228	12,266	36,740	12,437	27,674	10,527	32,627	12,275	36,677	13,119
AUG	35,938	11,626	34,754	11,368	29,753	11,419	33,781	12,109	36,451	12,758
SEPT	35,601	11,353	32,612	10,738	31,370	11,722	33,269	11,553	34,804	12,071
OCT	38,554	12,723	35,976	12,225	35,376	12,991	36,554	12,763	38,650	13,796
NOV	38,841	13,280	37,633	13,154	38,368	14,624	37,581	13,623	38,991	13,888
DEC	39,509	13,960	38,050	13,351	39,789	15,405	38,773	14,082	39,954	14,704
Total	4,70,403	1,57,593	4,56,959	1,58,984	3,72,181	1,38,383	4,12,432	1,53,972	4,61,312	1,68,491

Chart 7.3 The month-wise distribution of number of Accidents and Fatalities during 2022



TRENDS IN TIME INTERVAL-WISE DISTRIBUTION OF ROAD ACCIDENTS

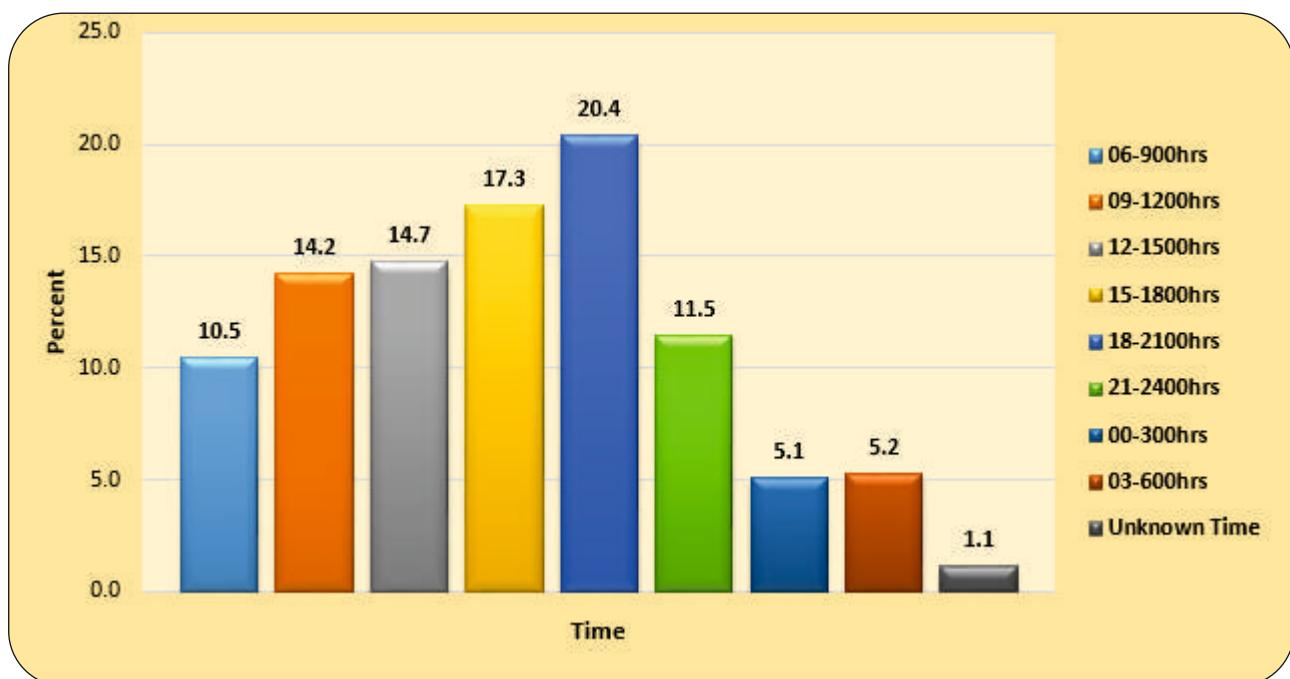
7.6 In 2022, the time interval between 18:00 - 21:00 hrs (Night) recorded maximum number of road accidents, accounting for 20.4 per cent of the total accidents in the country and this is in line with the pattern seen over the past five years (Table 7.3). The second highest time interval of a day was between 15:00 - 18:00 hrs (Day) constituting for 17.3 per cent of road

accidents. As per the data, afternoon and evening times are the most dangerous times to be on the road. The time interval of 0.00 hrs to 6:00 AM had the least number of accidents (Table 7.3 and Chart 7.4). State-wise details of time interval-wise road accidents are given at **Annexure 42**.

Table 7.3: Number of Road Accidents by time interval of day during 2018-2022

Time	2018		2019		2020		2021		2022	
	Number of Accidents	% share in total accidents	Number of Accidents	% share in total accidents	Number of Accidents	% share in total accidents	Number of Accidents	% share in total accidents	Number of Accidents	% share in total accidents
06.00 to 9.00 hrs (Day)	52,407	11.1	50,119	11.0	40,431	10.9	43,370	10.5	48,304	10.5
09.00 to 12.00 hrs (Day)	70,328	15.0	68,267	14.9	55,474	14.9	61,387	14.9	65,664	14.2
12.00 to 15.00 hrs (Day)	71,665	15.2	68,361	15.0	56,570	15.2	63,139	15.3	67,979	14.7
15.00 to 18.00 hrs (Day)	81,297	17.3	78,935	17.3	65,676	17.6	73,467	17.8	79,637	17.3
18.00 to 21.00 hrs (Night)	85,940	18.3	86,503	18.9	74,198	19.9	85,179	20.7	94,009	20.4
21.00 to 24.00 hrs (Night)	50,171	10.7	50,016	10.9	37,693	10.1	41,092	10.0	52,915	11.5
00.00 to 3.00 hrs (Night)	26,688	5.7	24,827	5.4	18,466	5.0	19,682	4.8	23,471	5.1
03.00 to 6.00 hrs (Night)	27,537	5.9	26,527	5.8	19,782	5.3	20,120	4.9	24,152	5.2
Un-known Time	4370	0.9	3,404	0.7	3,891	1.0	4,996	1.2	5,181	1.1
Total 24 hrs	4,70,403	100	4,56,959	100	3,72,181	100	4,12,432	100	4,61,312	100

Chart 7.4: Road Accidents by time interval of day during 2022 (percentage share)



SECTION - 8

INTERNATIONAL COMPARISON OF ROAD ACCIDENTS

- 8.1 A comparison of select indicators published in World Road Statistics, 2022 of International Road Federation has been undertaken with the objective of positioning India viz-a-viz other countries in terms of road injury accidents and corresponding number of persons killed in road accident, injured rates per lakh people. IRF has used year 2020 data for preparation for this report.
- 8.2 The details of Injury Accidents per 1,00,000 populations of top 20 countries is presented in Table 8.1.

Table 8.1: Top 20 country based on Road Injury Accidents

Sl No.	Country	Injury accidents (n)	Injury accidents/1,00,000 pop
(i)	(ii)	(iii)	(iv)
1	United States	19,27,654	590
2	Japan	4,30,601	340
3	Chinese Taipei	3,62,393	1,538.10
4	India	3,45,238	25
5	Germany	2,64,499	318.1
6	Iran, Islamic Rep.	2,56,916	305.9
7	China	2,44,674	17.3
8	Korea Rep.	2,09,654	404.5
9	Turkey	1,50,275	178.2
10	South Africa	1,46,773	254
11	Russian Federation	1,45,073	100.7
12	Italy	1,18,298	199
13	Indonesia	1,16,411	43
14	United Kingdom	91,199	135.7
15	Morocco	84,585	229.2
16	Canada	74,508	195.9
17	Spain	72,959	154
18	Colombia	61,607	121.1
19	Brazil	51,955	24.4
20	France	45,121	67

Source: World Road Statistics, 2022 Published by International Road Federation

8.3 Table 8.1 reveals that Chinese Taipei has the highest rate of injury accidents per 1,00,000 population, significantly higher than other countries in the list. The United States has the highest total number of injury accidents. Countries like India, Indonesia, and Brazil have

relatively low injury accident rates per 1,00,000 population.

8.4 The details of Persons injured (n) and Persons injured (n)/1,00,000 population of top 20 countries is presented in Table 8.2

Table 8.2: Top 20 country based on Persons injured (n) in Road Accident

SI No.	Country	Persons injured (n)	Persons injured (n)/1,00,000 pop
(i)	(ii)	(iii)	(iv)
1	United States	22,82,015	688
2	Chinese Taipei	4,82,333	2,045
3	Japan	3,69,476	299
4	India	3,48,279	25
5	Germany	3,27,550	398
6	Iran, Islamic Rep.	3,17,545	377
7	Korea Rep.	3,06,194	586
8	China	2,50,723	18
9	Turkey	2,26,266	270
10	Russian Federation	1,83,040	127
11	Italy	1,59,248	266
12	Indonesia	1,49,817	55
13	Morocco	1,20,343	324
14	United Kingdom	1,14,124	172
15	Canada	1,01,572	268
16	Spain	94,562	200
17	Brazil	71,456	34
18	Argentina	65,846	145
19	Egypt, Arab Rep.	56,789	55
20	France	55,836	84

Source: World Road Statistics, 2022 Published by International Road Federation

8.6 Table 8.2 reveals that Chinese Taipei has highest rate of persons injured per 1,00,000 population. Though United States recorded highest number of persons injured, rate of persons injured is

the second-highest in the list. China and India has a relatively low rate of persons injured per 1,00,000 population compared to other countries in the list.

- 8.7 The details of Persons Killed (n) and Persons Killed per 1,00,000 population

of top 20 countries is presented in Table 8.3

Table 8.3: Top 20 country based on Persons Killed (n) in Road Accident

Sl No.	Country	Persons Killed (n)	Persons killed/100,000 pop
(i)	(ii)	(iii)	(iv)
1	India	1,31,714	9.5
2	China	61,703	4.4
3	United States	38,824	11.7
4	Indonesia	25,671	9.5
5	Russian Federation	16,152	11.2
6	Iran, Islamic Rep.	14,652	17.4
7	Venezuela, RB	12,112	39.4
8	South Africa	9,969	16.8
9	Thailand	7,324	10.5
10	Egypt, Arab Rep.	6,164	6
11	Saudi Arabia	5,754	16.8
12	Nigeria	5,483	2.7
13	Colombia	5,447	10.7
14	Pakistan	5,436	2.5
15	Brazil	5,277	2.5
16	Turkey	4,866	5.8
17	Malaysia	4,634	14.3
18	Myanmar	4,410	8.1
19	Ethiopia	4,133	3.6
20	Kenya	3,975	7.4

Source: World Road Statistics, 2022 Published by International Road Federation

- 8.8 Table 8.3 reveals that India has the highest number of total persons killed due to road accident, followed by China and the United States. Venezuela, RB, has the highest rate of persons killed per

1,00,000 population. Several countries, such as Brazil, Pakistan, and Nigeria, have low rates of persons killed per 1,00,000 population.

SECTION - 9

ROAD ACCIDENT MITIGATION MEASURES TAKEN BY MINISTRY OF ROAD TRANSPORT & HIGHWAYS

The Ministry has formulated a multi-pronged strategy to address the issue of road safety based on Education, Engineering (both of roads and vehicles), Enforcement and Emergency Care. Accordingly, various initiatives have been taken up by the Ministry as detailed below.

9.1. Education Measures:

- i. To create effective public awareness about road safety, Ministry undertakes various publicity measures and awareness campaigns through social media, electronic media and print media. Further, Ministry implements a scheme to provide financial assistance to various agencies for administering Road Safety Advocacy.
- ii. Observance of National Road Safety Month/Week every year for spreading awareness and strengthening road safety.
- iii. To impart driving training, Ministry has been implementing a scheme for setting up of Institute of Driving Training & Research (IDTRs), Regional Driving Training Centres (RDTCs) and Driving Training Centres (DTCs) at state/district level across the Country.
- iv. A Certification Course for Road Safety Auditor has been mandated for technical officers of all road owning agencies under the Ministry up to the level of Superintending Engineer or equivalent.

9.2. Engineering Measures

A. ROAD ENGINEERING

- i. Road safety has been made an integral part of road design at planning stage. Road Safety Audit (RSA) of all highway

projects has been made mandatory at all stages.

- ii. Road Safety Audit (RSA) of all National Highways (NHs) has been made mandatory through third party auditors/ experts at all stages i.e., design, construction, operation and maintenance etc.
- iii. High priority to identification and rectification of black spots /accident spots on National Highways.
- iv. Road Safety Officer (RSO) has been designated at each Regional Office of road owning agencies under the Ministry to look after RSA, blackspot rectification and other road safety related works.
- v. Five stretches of NH having higher number of accidents/blackspots are being developed as Model Safe Roads under each regional office of all road owning agencies under the Ministry.
- vi. Five project stretches under construction are being developed as Model Safe Construction Zones under each regional office of all road owning agencies under the Ministry.
- vii. The Electronic Detailed Accident Report (e-DAR) Project has been initiated to establish a central repository for reporting, management and analysis of road accidents data across the Country.
- viii. Ministry and IRC has issued various codes and guidelines, time to time, to implement various road safety measures so as to minimize accidents on National Highways.

B. Vehicle Engineering

- i. **Airbag:** The Ministry has notified the mandatory provision of an airbag for the passenger seated on the front seat of a vehicle, next to the driver.
- ii. **Children Safety:** This Ministry, vide notification dated 15th February, 2022 has prescribed norms related to safety measures for children below four years of age, riding or being carried on a motor cycle. Further, it specifies use of a safety harness, crash helmet and restricts speed to 40 kmph.
- iii. **Mandatory Fitments:** Ministry has notified the mandatory fitment of following listed safety technologies from 01st July 2019.
 - For M1 category vehicles:
 - ➲ Seat Belt Reminder (SBR) for driver and co-driver.
 - ➲ Manual Override for central locking system
 - ➲ Over speed warning system.
 - For all M and N category vehicles:
 - ➲ Reverse Parking Alert System
- iv. **Anti-Lock Braking System (ABS):** The Ministry has mandated Anti-Lock Braking System (ABS) for certain classes of L [Motor vehicle with less than four wheels and includes a Quadricycle], M [Motor vehicles with at least four wheels used for carrying passengers] and N [Motor vehicles with at least four wheels used for carrying goods which may also carry persons in addition to goods, subject to conditions stipulated in BIS standards] categories.
- v. **Crash Norms:** This Ministry has mandated approval of vehicles for protection of occupants in the event of an Offset Frontal Collision, for requirements for behaviour of steering mechanism of the vehicle in a Head-on collision, Protection of Occupants in the event of Lateral Collision and for approval of vehicles with regard to protection of pedestrians and other vulnerable road users in the event of a collision with a motor vehicle.
- vi. **Speed Limit:** The Ministry has mandated speed limiting function/speed limiting device in all transport vehicles, except for two wheelers, three wheelers, quadricycles, fire tenders, ambulances and police vehicles.
- vii. **Safety Measures:** This Ministry has mandated compliance of the fully built buses (with a seating capacity of 22 passengers or above, excluding driver), manufactured on and after 1st April 2019, with the requirements of Fire Detection, Alarm and Suppression system. Further, compliance of type III buses of category M3 and school buses with fire alarm and protection system in occupant compartment has also been mandated, from 1st October, 2023.
- viii. **Inspection & Certification Centre:** Scheme for setting up one model Inspection & Certification Centre in each State/UT with Central assistance for testing the fitness of vehicles through an automated system.
- ix. **Automated Testing Stations:** Ministry vide Notifications GSR 652 (E) dated 23rd September, 2021 and its amendment vide GSR 797 € dated 31st October, 2022 published the rules for recognition, regulation and control of Automated Testing Stations. These rules define the procedure for fitness testing of vehicles through automated equipment and the

procedure for grant of fitness certificate by ATSS. These rules came into effect on 25th September 2021.

- x. **Vehicle Scrapping Policy:** Ministry has formulated the Vehicle Scrapping Policy based on incentives/dis-incentives and for creating an ecosystem to phase out older, unfit polluting vehicles.

9.3. Enforcement Measures

- i. **The Motor Vehicles Act:** The Motor Vehicles Act, 1988 is the principal instrument through which road transport is regulated in the country. The same has been amended first time in a comprehensive way by The Motor Vehicles (Amendment) Act, 2019; provides for strict penalties for ensuring compliance and enhancing deterrence for violation of traffic rules and strict enforcement through use of technology.
- ii. **Electronic Monitoring:** Ministry has issued notification G.S.R. 575(E) dated 11th August, 2021 for Electronic Monitoring and Enforcement of Road Safety. The rules specify the detailed provisions for placement of electronic enforcement devices (speed camera, closed-circuit television camera, speed gun, body wearable camera, dashboard

camera, Automatic Number Plate Recognition (ANPR), weigh in machine (WIM) and any such other technology specified by the State Government).

9.4. Emergency Care

- i. **Good Samaritan :** Ministry has published rules vide GSR 594(E) dated 29th September, 2020 for the protection of Good Samaritan, who in good faith, voluntarily and without expectation of any reward or compensation renders emergency medical or nonmedical care or assistance at the scene of an accident to the victim or transports such victim to the hospital.
- ii. **Compensation:** Ministry vide notification dated 25th February, 2022 has enhanced compensation of victims of Hit and Run motor accidents (from Rs. 12,500 to Rs. 50,000 for grievous hurt and from Rs. 25,000 to Rs. 2,00,000 for death).
- iii. **Ambulance:** The National Highways Authority of India has made provisions for ambulances with paramedical staff/Emergency Medical Technician/ Nurse at toll plazas on the completed corridor of National Highways.

SECTION - 10

Note on Accident Data Collection Methodology followed by Transport Research Wing, Challenges and Way Forward

10.1. Transport Research Wing (TRW) under the Ministry of Road Transport and Highways collects Accident Data from the State Police Departments in standardized formats as provided by the UNESCAP under the Asia Pacific Road Accident Data (APRAD) base project. These formats were revisited by the Committee of Experts on Road Safety in 2017 comprising of Experts from IIT Delhi, IIT Kharagpur, DGP of Police of Tamil Nadu & Tripura, representatives of WHO, Ministry of Health & Family Welfare, Secretary, Ministry of Road Transport & Highways and TRW. This issue also discussed in regional workshops conducted by various IITs in the country.

10.2. At present there are 21 formats (enclosed in Appendix I), including three additional formats added recently at the instance of the Supreme Court Committee. Information in respect of different dimensions of accidents is sought from the Nodal Officers nominated by State

DGPs for the purpose of accident data collection. Most of the nodal officers nominated are at senior levels. Thus, what needs to be noted is that the information on accidents is collected in standardized formats, which are internationally acceptable. A brief note on the explanation of the terms used in this report are placed at Appendix II.

- 10.3. These 21 formats cover the following aspects of an accident;
- a. Accident Identification Details
 - b. Road Related Details including related jurisdiction
 - c. Details of the Vehicles Involved in Accident
 - d. Drivers Details
 - e. Persons other than drivers involved in Accident etc.

10.4. All such data for previous year is normally called out from the States in the beginning of each current calendar year and full information on the same is generally received by April/May. The

data received from State Governments is then aggregated based on the soft versions received and the Report brought out.

10.5 Until last year, only annual data was called from the State Governments. We have now started calling for monthly data from States to enable us to study the impact of policy changes introduced by the Ministry such as the MVA 2019 etc. However, the system of monthly data is yet to stabilize.

10.6. Amongst the various challenges faced by TRW are the non-receipt of information in a timely manner from the States, need for capacity building in the police stations to understand the formats and to fill them up correctly. Workshops for capacity building of the police personnel are required for this purpose which are undertaken by Ministry of Road transport & Highways from time to time.

10.7. The upshot of the foregoing is that accident data at present is sourced from the Police Departments in India. The Police is the first responder in accidents and is considered to be the best source of data even though there are other sources like Hospitals and State Transport

Departments. Even internationally, as per WHO's Global Status Report, almost 50% of the Reporting countries sourced their data from police with 7% sourcing from Health Departments and another 11% sourcing the same from Transport Departments.

10.8. Amongst the critique of the existing system of collecting road accident data are as below:

- (i) There is a variation in respect of accident data reported by the Police/Hospitals and the Transport Departments at the District/State and National level and consequently there is a need to integrate and link the above accident data bases. This is also in line with the current thinking that there is a need for a “Systemic solution” to be found for road safety, requiring simultaneous and coordinated action by all stakeholders like Police, Health, Hospitals, Blood Banks, Trauma Care, Transport Department, Insurance etc. This systemic solution gained currency in the 90's when some Nordic countries, found it to be an effective solution helping them to successfully reduce their accidents and fatalities

- (ii) There is possibility under reporting of fatalities in police reported data that the deaths that take place in hospitals after 30 days may not get reported if the police and hospital data are not linked. Also, because under IPC, any crime or offence has to be lodged against a human being and there cannot be any charge against a road, vehicle or any other object and hence fatalities in which the human being causing the accident cannot be identified may go unreported.
 - (iii) That the data collected by Police is not evidence based as the policeman who goes to the spot would normally record the data after returning depending on his memory.
 - (iv) That the accident data recorded is not dynamic and does not get updated on a real time basis.
 - (v) That the data reported by the Police is often limited to the questions asked in TRW formats.
 - (vi) That the data collected by Police is often affected by the value judgement and biases of the policeman.
 - (vii) That the data collected often does not provide inputs on the real time condition of the road to enable the road engineers to take the maintenance work.
- 10.9 To address the above issue, Ministry of Road Transport & Highways (MoRTH) has developed the Electronic Detailed Accident Report (e-DAR) Project aided by World Bank Assistance in the collaboration with NICS and IIT-M under World Bank Assistance. The technical support for the project is being rendered by NICS and IIT-M is the knowledge partner.
- 10.10 Basically, the Electronic Detailed Accident Report (e-DAR) project involves capture of road accidents and geotagging of the same through app on mobile/tablet by first responder which is the police. The software of the project would provide back-end analytics, as well as simultaneous linkage with multiple users (such as police, transport, highways, health authorities etc.). This will give real time syncing and updating of data base as well as development of a mobile application for road accidents.

International experience in collection of accident data:

10.11. A study of the framework for accident data collection internationally is summarized in the table 10.1 below:

Table 10.1: Framework for accident data collection internationally

Country wise	EU	US	Australia	New Zealand	Italy	Korea	Sweden
Agency for Road Accident Data Collection	Available since 1991 in Community Road Accident Database	<p>Various Accident Reporting Data Systems in US:</p> <ul style="list-style-type: none"> • Fatality Analysis Reporting System (FARS) was created by National Highway Traffic Safety Administration (NHTSA) in USA in 1975, and is maintained by National Center for Statistics and Analysis (NCSA). It provides data about fatal crashes involving all types of vehicles. • IRTAD (International Road Traffic and Accident Database) 	<p>Each Australian State and Territory has a separate crash analysis system.</p> <p>Nat level data Published by the Bureau of Infrastructure, Transport and Regional Economics. The Australian Road Deaths Database (ARDD) is maintained and published by BITRE (Bureau of Infrastructure, Transport and Regional Economics). It commenced in 1989 and is updated on a monthly basis.</p> <p>IRTAD brings out an annual report on overview of road safety performance in 32 member and observer countries. Most of IRTAD data can be found in IRTAD's Road Safety Annual Reports. Online access to the full IRTAD database is available for subscribers via the OECD statistics portal:</p> <ul style="list-style-type: none"> • The U.S. Census Bureau • The Highway Safety Information System (HSIS) 	<p>NZ Transport Agency.</p> <p>(Road features & Traffic data from Ramm database)</p> <p>information collected on the scene by Highway Police, Local Police, Police, and Carabinieri (an army corp</p>	<p>National Institute of Statistics (ISTAT) and contains only information on injury crashes. The national database is based on information collected on the scene by Analysis System (TAAS)</p>	<p>Korea Road Traffic Authority (KoROAD), designed the</p> <p>Traffic Accident Analysis System</p>	<p>Swedish Traffic Accident Data Acquisition (STRADA)</p> <p>STRADA (Swedish Traffic Accident Data Acquisition) is a national information system containing data on traffic accidents and injuries occurring in the Swedish road transport system.</p> <p>The information comes from the police and the medical care services.</p>
EU	(CADAoS) consisting of a minimum set of standardized data elements has been developed. The CADAoS promotes comparable crash data to be available in Europe.						<ul style="list-style-type: none"> • The NASS-GES • The NASS-CDS • The State Data System (SDS) • The Highway Safety Information System (HSIS)

table continued...

table 10.1 continued...

Country wise	EU	US	Australia	New Zealand	Italy	Korea	Sweden
Variables Studied	73 variables and 471 values	100 variables Integrated data- The data collected within FARS do not include any personal identifying information, such as names, addresses, or social security numbers. Thus, any data kept in FARS data fully conforms to the Privacy Act.			Contains 189 variables. Access to the database is restricted	TAAAS studies 35 different coded elements	
Systemic Analysis			Access to detailed Police crash reports is restricted to varying degree of hospital and ambulance data linked to the police reports in all of the jurisdictions, due to privacy reasons	Data base of Police, Insurance Companies & mutual aid associations is Integrated.	The data in STRADA is integrated across police and hospitals. By combining data from two sources, it is possible to get better data especially of pedestrians, cyclists and moped drivers which is maintained by hospitals but not by police provided.		
System components			An electronic data file is used by data analyst to interpret and code data. Annual FARS data files are available for 1975 through 2016.	GIS based analysis; collision diagrams, access to original police reports	The national crash database is not linked to road and traffic database, which do not exist even though they are required by the Road Code issued in 1992.	TAAAS consists of Input Management System, a Statistical Analysis System, a Spatial Analysis System, and a Web-service System	

10.12 A review of these International best practices (EU, USA, Sweden, Australia, New Zealand, Italy and South Korea) shows the following:

- a. Traffic crash data recording has traditionally been the responsibility of the police in all countries.
- b. Recognizing the limitations of data collected by police, many countries have established specialized institutions for creating reliable traffic safety database which can be used by policy makers at different levels.
- c. Usually, a standardized format has been recommended in most countries. However, the level of details and accuracy of recording crash details varies in different countries with different number of variables reported upon.
- d. Most countries have linked police data with other data sources. However, the degree of integration varies across countries.

ANNEXURES

Road Accidents, Persons Killed and Injured: 1970-2022

Years	Total Number of Road Accidents (in numbers)	Total Number of Persons Killed (in numbers)	Total Number of Persons Injured (in numbers)	Population of India (in thousands)	Total Number of Registered Motor Vehicles (in thousands)	Road Length (in kms)	Number of Accidents per Lakh Population	Number of Accidents per Ten Thousand Vehicles	Number of Accidents per Ten Thousand Kms of Roads	Number of Persons Killed per Lakh Population	Number of Persons Killed per Ten Thousand Vehicles	Number of Persons Killed per Lakh Population	Number of Persons Killed per Ten Thousand Vehicles	Number of Persons Injured per Lakh Population	Number of Persons Injured per Ten Thousand Vehicles	Number of Persons Injured per Lakh Population	Number of Persons Injured per Ten Thousand Vehicles
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
1970	1,14,100	14,500	70,100	5,39,000	1,401	9,14,979#	21.2	814.4	959.8	2.7	103.5	122.0	13.0	500.4	589.7		
1980	1,53,200	24,000	1,09,100	6,73,000	4,521	14,85,42##	22.8	338.9	1,026.9	3.6	53.1	160.9	16.2	241.3	731.3		
1990	2,82,600	54,100	2,44,100	8,35,000	19,152	19,83,867	33.8	147.6	1,424.5	6.5	28.2	272.7	29.2	127.5	1,230.4		
1994	3,25,864	64,463	3,11,500	9,04,000	27,660	28,90,950	36.0	117.8	1,127.2	7.1	23.3	223.0	34.5	112.6	1,077.5		
1995	3,51,999	70,781	3,23,200	9,24,359	30,295	29,75,035	38.1	116.2	1,183.2	7.7	23.4	237.9	35.0	106.7	1,086.4		
1996	3,71,204	74,665	3,69,502	9,41,579	33,786	32,02,515	39.4	109.9	1,159.1	7.9	22.1	233.1	39.2	109.4	1,153.8		
1997	3,73,671	76,977	3,78,361	9,59,792	37,332	32,98,788	38.9	100.1	1,132.8	8.0	20.6	233.3	39.4	101.4	1,147.0		
1998	3,85,018	79,919	3,90,674	9,78,081	41,368	32,28,356	39.4	93.1	1,192.6	8.2	19.3	247.6	39.9	94.4	1,210.1		
1999	3,86,456	81,966	3,75,051	9,96,130	44,875	32,96,650	38.8	86.1	1,172.3	8.2	18.3	248.6	37.7	83.6	1,137.7		
2000	3,91,449	78,911	3,99,265	10,14,825	48,857	33,16,078	38.6	80.1	1,180.5	7.8	16.2	238.0	39.3	81.7	1,204.0		
2001	4,05,637	80,888	4,05,216	10,28,610	54,991	33,73,520	39.4	73.8	1,202.4	7.9	14.7	239.8	39.4	73.7	1,201.2		
2002	4,07,497	84,674	4,08,711	10,45,547	58,924	34,26,603	39.0	69.2	1,189.2	8.1	14.4	247.1	39.1	69.4	1,192.8		
2003	4,06,726	85,998	4,35,122	10,62,388	67,007	35,28,654	38.3	60.7	1,152.6	8.1	12.8	243.7	41.0	64.9	1,233.1		
2004	4,29,910	92,618	4,64,521	10,79,117	72,718	36,21,507	39.8	59.1	1,187.1	8.6	12.7	255.7	43.0	63.9	1,282.7		
2005	4,39,255	94,968	4,65,282	10,95,722	81,502	38,09,156	40.1	53.9	1,153.2	8.7	11.7	249.3	42.5	57.1	1,221.5		
2006	4,60,920	1,05,749	4,96,481	11,12,186	89,618	38,80,651	41.4	51.4	1,187.7	9.5	11.8	272.5	44.6	55.4	1,279.4		
2007	4,79,216	1,14,444	5,13,340	11,28,521	96,707	40,16,401	42.5	49.6	1,193.1	10.1	11.8	284.9	45.5	53.1	1,278.1		
2008	4,84,704	1,19,860	5,23,193	11,44,734	1,05,353	41,09,592	42.3	46.0	1,179.4	10.5	11.4	291.7	45.7	49.7	1,273.1		
2009	4,86,384	1,25,660	5,15,458	11,60,813	1,14,951	44,71,510	41.9	42.3	1,087.7	10.8	10.9	281.0	44.4	44.8	1,152.8		
2010	4,99,628	1,34,513	5,27,512	11,76,742	1,27,746	45,82,439	42.5	39.1	1,090.3	11.4	10.5	293.5	44.8	41.3	1,151.2		
2011	4,97,686	1,42,485	5,11,394	12,10,193	1,41,866	46,76,838	41.1	35.1	1,064.2	11.8	10.0	304.7	42.3	36.0	1,093.5		
2012	4,90,383	1,38,258	5,09,667	12,08,116	1,59,491	48,65,394	40.6	30.7	1,007.9	11.4	8.7	284.2	42.2	32.0	1,047.5		
2013	4,86,476	1,37,572	4,94,893	12,23,581	1,81,508	52,31,922	39.8	26.8	929.8	11.2	7.6	262.9	40.4	27.3	945.9		
2014	4,89,400	1,39,671	4,93,474	12,38,887	1,90,704	54,02,486	39.5	25.7	905.9	11.3	7.3	258.5	39.8	25.9	913.4		
2015	5,05,770	1,46,555	5,03,608	12,54,019	2,10,023	54,72,144	40.3	24.1	924.3	11.7	7.0	267.8	40.2	24.0	920.3		
2016	4,84,756	1,51,192	4,97,806	12,68,961	2,30,031	56,03,293	38.2	21.1	865.1	11.9	6.6	269.8	39.2	21.6	888.4		
2017	4,69,242	1,50,003	4,67,389	12,83,601	2,53,311	58,97,671	36.6	18.5	795.6	11.7	5.9	254.3	36.4	18.5	792.5		
2018	4,70,403	1,57,593	4,64,715	12,98,043	2,72,988	62,15,797	36.2	17.2	756.8	12.1	5.8	253.5	35.8	17.0	747.6		
2019	4,56,959	1,58,984	4,49,360	13,12,241	2,95,772	63,31,757	34.8	15.4	721.7	12.1	5.4	251.1	34.2	15.2	709.7		
2020	3,72,181	1,38,383	3,46,747	13,26,155	3,26,299	*	28.1	11.4	10.4	4.2	*	26.1	10.6	*			
2021	4,12,432	1,53,972	3,84,448	13,63,006		30.3				11.3							
2022	4,61,312	1,68,491	4,43,366	13,75,586		33.5				12.2							
CAGR 2012/2022	-0.61	2.00	-1.38	1.31													

Sources: 1. Accidents - State Police Authorities

2. Population: As per projections of Registrar General of India (July, 2020)
3. Road Length - Basic Road Statistics (M/o Road Transport & Highways)

* Figures for road length for the year 2020 are not available

Note: 1. Road length is inclusive of all roads constructed under Pradhan Mantri Gram Sadak Yojana and the erstwhile Jawahar Rozgar Yojana.

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

Data for the year 1971 ## Data for the year 1981

4. Vehicles - Road Transport Year Book (M/o Road Transport & Highways)

5. Data for Road Length and Registered Motor Vehicles is for the financial year
6. Data for Road Accident is for the calendar year

Total Number of Road Accidents in India: 2019 to 2022

Sl. No.	States/UTs	State/UT-Wise Total Number of Road Accidents during						Total Number of Accidents Per Lakh Population						Total Number of Road Vehicles				Total Number of Road Accidents per 10,000 Km of Roads			
		2019		2020		2021		2022		2019		2020		2021		2022		2019		2020	
		Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	18	18	18
1	Andhra Pradesh	21,992	19,509	21,556	21,249	9	4,8	5,2	4,6	24,3	21,5	40,8	40,1	18,3	14,9						1,247.1
2	Arunachal Pradesh	237	134	283	227	31	0,1	0,0	0,1	1,1	1,2	24,2	17,5	22,9	27,0	4,9	3,5				42.9
3	Assam	8,350	6,595	7,411	7,023	16	1,8	1,8	1,5	24,9	19,5	21,1	19,9	21,2	15,1						209.2
4	Bihar	10,007	8,639	9,553	10,801	14	2,2	2,3	2,3	9,3	8,0	7,8	8,6	11,7	8,7						335.6
5	Chhattisgarh	13,899	11,656	12,375	13,279	12	3,0	3,1	3,0	2,9	51,9	43,1	42,0	44,5	21,8	16,7					1,322.8
6	Goa	3,440	2,375	2,849	3,011	21	0,8	0,6	0,7	0,7	162,5	109,4	182,7	192,2	24,5	16,3					1,839.8
7	Gujarat	17,046	13,398	15,186	15,751	10	3,7	3,6	3,7	3,4	26,3	20,4	21,8	22,3	6,8	5,0					683.6
8	Haryana	10,944	9,431	9,933	10,429	15	2,4	2,5	2,4	2,3	38,2	32,5	33,7	34,9	12,7	11,0					2,176.1
9	Himachal Pradesh	2,873	2,239	2,404	2,597	22	0,6	0,6	0,6	0,6	39,6	30,6	32,5	34,9	17,6	13,1					392.3
10	Jharkhand	5,217	4,405	4,728	5,175	20	1,1	1,2	1,1	1,1	15,0	12,5	12,3	13,3	11,4	8,7					642.1
11	Karnataka	40,658	34,178	34,647	39,762	5	8,9	9,2	8,4	8,6	63,6	53,1	51,8	59,1	19,3	13,1					1,134.7
12	Kerala	41,111	27,877	33,296	43,910	3	9,0	7,5	8,1	9,5	113,4	76,6	93,8	123,2	30,8	19,7					1,581.6
13	Madhya Pradesh	50,669	45,266	48,877	54,432	2	11,1	12,2	11,9	11,8	62,5	55,1	57,8	63,6	38,4	25,3					1,338.0
14	Maharashtra	32,925	24,971	29,477	33,383	6	7,2	6,7	7,1	7,2	26,5	19,9	23,7	26,6	9,3	6,6					517.0
15	Manipur	672	432	366	508	26	0,1	0,1	0,1	0,1	25,1	16,0	11,6	15,9	18,6	11,9					207.5
16	Meghalaya	482	214	245	246	29	0,1	0,1	0,1	0,1	16,9	7,4	7,5	7,4	13,2	5,9					119.7
17	Mizoram	62	53	69	133	35	0,0	0,0	0,0	0,0	5,7	4,8	5,7	10,8	2,7	2,0					38.2
18	Nagaland	358	500	746	489	27	0,1	0,1	0,2	0,1	14,6	20,2	34,0	22,1	7,3	9,6					94.5
19	Odisha	11,064	9,817	10,983	11,663	13	2,4	2,6	2,7	2,5	25,5	22,4	24,0	25,4	13,4	10,8					362.0
20	Punjab	6,348	5,203	5,871	6,138	17	1,4	1,4	1,4	1,3	21,3	17,3	19,4	20,1	6,0	4,6					429.3
21	Rajasthan	23,480	19,114	20,951	23,614	7	5,1	5,1	5,1	5,1	31,0	24,9	26,4	29,5	13,3	9,9					749.0
22	Sikkim	162	138	155	211	32	0,0	0,0	0,0	0,0	24,3	20,5	22,9	30,9	22,6	25,5					133.0
23	Tamil Nadu	62,685	49,844	55,682	64,105	1	13,7	13,4	13,5	13,9	89,1	70,6	72,9	83,7	20,8	15,5					2,311.9
24	Telangana	21,570	19,172	21,315	21,619	8	4,7	5,2	4,7	4,7	#	#	56,5	57,0	17,8	14,9					1,534.6
25	Tripura	655	466	479	575	25	0,1	0,1	0,1	0,1	16,6	11,7	11,8	14,0	13,2	8,5					145.2
26	Uttarakhand	1,352	1,041	1,405	1,674	23	0,3	0,3	0,3	0,4	12,3	9,4	12,3	14,5	4,9	3,6					196.7
27	Uttar Pradesh	42,572	34,243	37,729	41,746	4	9,3	9,2	9,1	9,0	18,7	14,8	16,3	17,9	13,0	9,8					961.2
28	West Bengal	12,658	10,863	11,937	13,686	11	2,8	2,9	3,0	3,0	13,2	11,2	12,2	13,9	13,0	10,0					445.9
29	A & N Islands	230	141	115	141	34	0,1	0,0	0,0	0,0	39,1	23,5	28,8	35,1	16,3	9,4					1,271.5
30	Chandigarh	305	159	208	237	30	0,1	0,0	0,1	0,1	15,0	7,5	17,2	19,4	3,0	1,5					1,185.5
31	D & N Haveli	68	100	140	196	33	0,0	0,0	0,0	0,0	14,5	11,4	13,0	16,8	5,5	3,7					600.3
32	Daman & Diu	69	\$	\$	\$	\$	0,0	0,0	0,0	0,0	18,4										2,519.2
33	Delhi	5,610	4,178	4,720	5,652	19	1,2	1,1	1,1	1,2	24,2	17,5	22,9	27,0	4,9	3,5					3,469.3
34	Jammu & Kashmir	5,796	4,860	5,452	6,092	18	1,3	1,3	1,3	1,3	45,4	37,7	40,7	45,1	31,3	24,7					482.9
35	Ladakh	NA	NA	NA	NA	236	374														
36	Lakshadweep	1	1	4	3	36	0,0	0,0	0,0	0,0	1,2	5,9	4,4	6,0	0,4	0,4					43.1
37	Puducherry	1,392	969	1,049	1,181	24	0,3	0,3	0,3	0,3	74,5	49,8	66,8	73,4	13,1	8,7					3,241.8
	Total	4,56,959	3,72,181	4,12,432	4,61,312	100	100	100	100	100	34,8	28,1	30,3	33,5	15,4	11,4					841.3

Note: 1. Road length is exclusive of all roads constructed under Pradhan Mantri Gram Sadak Yojana and the erstwhile Jayavarh Rozgar Yojana.

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

: Population for Telangana is not available and it is included in Andhra Pradesh Population

\$: Data for Daman & Diu and Dadar & Nagar Haveli has been received as the two union territory were merged on 20th January, 2020 to be known as Dadar and Nagar Haveli and Daman and Diu.

NA: Not Available

Total Number of Persons Killed in Road Accidents in India: 2019 to 2022

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Note: I. Road length is exclusive of all roads constructed under Pradhan Mantri Gram Sadak Yojana and the erstwhile Jawahar Rozgar Yojana.

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 &

: Population for Telangana is not available and it is included in Andhra Pradesh Population

§: Data for Damane

Total Number of Persons Injured in Road Accidents in India: 2019 to 2022

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents during				Share of States/UTs in Total Number of Persons Injured in Road Accidents				Total Number of Persons Injured in Road Accidents Per Lakh Population				Total Number of Persons injured in Road Accidents per 10,000 Km of Roads					
		2019		2020		2021		2022		2019		2020		2021		2022		2019	
		Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	18
1	Andhra Pradesh	24,619	19,675	21,040	21,340	8	5,5	5,7	5,5	4,8	27,3	21,6	39,9	40,3	20,5	15,0	15,0	1,396.0	55.9
2	Arunachal Pradesh	309	185	347	186	33	0,1	0,1	0,1	0,0	22,8	13,5	22,6	12,0	13,4	8,0	13,4	187.2	187.2
3	Assam	7,473	5,269	5,763	5,637	17	1,7	1,5	1,5	1,3	22,3	15,6	16,4	15,9	19,0	12,1	12,1	241.6	241.6
4	Bihar	7,206	7,016	7,946	7,068	16	1,6	2,0	2,1	1,6	6,7	6,5	6,5	5,7	8,4	7,1	7,1	1,245.8	1,245.8
5	Chhattisgarh	13,090	10,505	10,683	11,695	12	2,9	3,0	2,8	2,6	48,9	38,8	36,2	39,2	20,5	15,0	15,0	774.4	774.4
6	Goa	1,448	880	843	1,091	24	0,3	0,3	0,2	0,2	68,4	40,6	54,1	69,6	10,3	6,0	6,0	6,520	6,520
7	Gujarat	16,258	12,002	13,690	15,089	10	3,6	3,5	3,6	3,4	25,1	18,3	19,6	21,4	6,5	4,5	4,5	1,861.5	1,861.5
8	Haryana	9,362	7,659	8,121	8,519	14	2,1	2,2	2,1	1,9	32,7	26,4	27,5	28,5	10,9	8,9	8,9	669.7	669.7
9	Himachal Pradesh	4,904	3,223	3,454	4,063	19	1,1	0,9	0,9	0,9	67,6	44,1	46,7	54,7	30,0	18,8	18,8	469.9	469.9
10	Jharkhand	3,818	3,295	3,227	3,747	20	0,8	1,0	0,8	0,8	10,9	9,3	8,4	9,6	8,3	6,5	6,5	1,408.0	1,408.0
11	Karnataka	50,447	39,492	40,754	48,154	4	11,2	11,4	10,6	10,9	78,9	61,3	61,0	71,6	23,9	15,1	15,1	1,771.8	1,771.8
12	Kerala	46,055	30,510	36,775	49,307	3	10,2	8,8	9,6	11,1	127,1	83,8	103,6	138,4	34,5	21,5	21,5	1,446.8	1,446.8
13	Madhya Pradesh	52,816	46,456	48,956	55,168	2	11,8	13,4	12,7	12,4	65,1	56,6	57,9	64,5	40,0	25,9	25,9	449.5	449.5
14	Maharashtra	28,628	19,914	23,071	27,239	6	6,4	5,7	6,0	6,1	23,0	15,8	18,5	21,7	8,1	5,3	5,3	325.7	325.7
15	Manipur	1,055	663	504	817	25	0,2	0,2	0,1	0,2	39,5	24,6	15,9	25,6	29,1	18,3	18,3	55.1	55.1
16	Meghalaya	222	220	263	310	29	0,0	0,1	0,1	0,1	7,8	7,6	8,0	9,3	6,1	6,0	6,0	1,245.8	1,245.8
17	Mizoram	56	68	65	107	35	0,0	0,0	0,0	0,0	5,1	6,1	5,3	8,7	2,4	2,5	2,5	449.5	449.5
18	Nagaland	246	286	380	291	30	0,1	0,1	0,1	0,1	10,0	11,5	17,3	13,1	5,0	5,5	5,5	365.7	365.7
19	Odisha	11,177	8,822	9,782	10,302	13	2,5	2,5	2,5	2,3	25,7	20,2	21,4	22,4	13,5	9,7	9,7	257.8	257.8
20	Punjab	3,812	2,904	3,072	3,324	21	0,8	0,8	0,8	0,7	12,8	9,6	10,1	10,9	3,6	2,6	2,6	1,565.2	1,565.2
21	Rajasthan	22,979	16,769	19,344	22,293	7	5,1	4,8	5,0	5,0	30,3	21,8	24,4	27,8	13,0	8,7	8,7	180.9	180.9
22	Sikkim	318	218	244	354	27	0,1	0,1	0,1	0,1	47,7	32,4	36,0	51,8	44,3	40,3	40,3	2,328.4	2,328.4
23	Tamil Nadu	63,132	47,618	55,996	67,703	1	14,0	13,7	14,6	15,3	89,7	67,4	73,3	88,3	20,9	14,8	14,8	653.2	653.2
24	Telangana	21,999	18,661	20,107	20,209	9	4,9	5,4	5,2	4,6	#	53,3	53,3	18,1	14,5	14,5	14,5	1,144.3	1,144.3
25	Tripura	816	470	547	541	26	0,2	0,1	0,1	0,1	20,7	11,8	13,4	13,2	16,5	8,5	8,5	2,120.0	2,120.0
26	Uttarakhand	1,457	854	1,091	1,613	22	0,3	0,2	0,3	0,4	13,2	7,7	9,6	14,0	5,3	2,9	2,9	653.2	653.2
27	Uttar Pradesh	28,932	22,410	24,897	28,541	5	6,4	6,5	6,4	6,4	12,7	9,7	10,8	12,2	8,8	6,4	6,4	414.3	414.3
28	West Bengal	11,761	9,715	10,454	12,843	11	2,6	2,8	2,7	2,9	12,3	10,1	10,7	13,0	12,1	8,9	8,9	926.9	926.9
29	A & N Islands	207	145	97	136	34	0,0	0,0	0,0	0,0	35,2	24,1	24,3	33,8	14,7	9,7	9,7	2,701.7	2,701.7
30	Chandigarh	275	148	172	203	32	0,1	0,0	0,0	0,0	13,6	7,0	14,2	16,7	2,7	1,4	1,4	1,068.9	1,068.9
31	D & N Haveli	105	119	171	273	31	0,0	0,0	0,0	0,1	22,4	13,6	15,9	23,3	8,5	4,4	4,4	3,770.5	3,770.5
32	Daman & Diu	74	\$	\$	\$	0,0	0,0	0,0	0,0	0,0	19,8							827.3	827.3
33	Delhi	5,152	3,662	4,273	5,201	18	1,1	1,1	1,1	1,2	22,2	15,4	20,8	24,8	4,5	3,1	3,1	3,186.1	3,186.1
34	Jammu & Kashmir	7,532	5,894	6,972	8,372	15	1,7	1,8	1,9	1,9	58,9	45,7	52,0	62,0	40,6	30,0	30,0	627.5	627.5
35	Ladakh	NA	NA	242	346	28	0,1	0,1	0,1	0,1		81,5	115,7						
36	Lakshadweep	1	1	6	2	36	0,0	0,0	0,0	0,1	1,2	8,8	2,9	0,6	0,4	0,4	43.1	43.1	
37	Puducherry	1,619	1,019	1,099	1,282	23	0,4	0,3	0,3	0,3	86,7	52,4	70,0	79,7	15,2	9,1	9,1		
	Total	4,49,360	3,46,747	3,84,448	4,43,366	100	100	100	100	100	34,2	26,1	28,2	32,2	15,1	10,6	10,6		

Note: 1. Road length is exclusive of all roads constructed under Pradhan Mantri Gram Sadak Yojana and the erstwhile Inwahar Rozgar Yojana.

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

: Population for Telangana is not available and it is included in Andhra Pradesh Population

\$: Data for Daman & Diu and Dadar & Nagar Haveli has been received as the two union territory were merged on 20th January, 2020 to be known as Dadra and Nagar Haveli and Daman and Diu.

NA: Not Available

Total Number of Fatal Road Accidents in States/UTs: 2019 to 2022

S. No.	States/UTs	2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	7,389	6,531	7,585	7,688	8
2	Arunachal Pradesh	108	61	150	123	27
3	Assam	3,019	2,483	2,893	2,837	18
4	Bihar	6,731	6,197	7,061	8,242	7
5	Chhattisgarh	4,603	4,234	4,982	5,446	12
6	Goa	283	213	218	253	23
7	Gujarat	6,726	5,622	6,825	6,999	10
8	Haryana	4,684	4,181	4,403	4,593	14
9	Himachal Pradesh	930	734	871	864	20
10	Jharkhand	3,414	2,775	3,221	3,570	17
11	Karnataka	10,060	9,084	9,458	10,854	5
12	Kerala	4,183	2,823	3,262	4,104	16
13	Madhya Pradesh	10,182	9,874	10,806	12,183	4
14	Maharashtra	11,787	10,773	12,554	14,058	3
15	Manipur	146	112	99	109	28
16	Meghalaya	169	130	150	147	26
17	Mizoram	46	41	48	94	29
18	Nagaland	24	46	56	67	32
19	Odisha	4,844	4,391	4,756	5,140	13
20	Punjab	4,190	3,646	4,250	4,418	15
21	Rajasthan	9,471	8,363	9,055	10,061	6
22	Sikkim	61	34	40	58	34
23	Tamil Nadu	17,196	13,868	14,747	17,080	2
24	Telangana	6,472	6,429	7,080	7,057	9
25	Tripura	224	179	181	232	24
26	Uttarakhand	750	592	742	851	21
27	Uttar Pradesh	19,731	17,075	19,026	20,524	1
28	West Bengal	5,380	4,774	5,405	5,626	11
29	Andaman & Nicobar Islands	20	12	19	19	35
30	Chandigarh	100	50	94	79	31
31	Dadra & Nagar Haveli	48	61	71	88	30
32	Daman & Diu	23	NA	NA	NA	
33	Delhi	1,433	1,163	1,206	1,428	19
34	Jammu & Kashmir	762	623	642	654	22
35	Ladakh	NA	NA	48	60	33
36	Lakshadweep	0	0	1	0	36
37	Puducherry	143	133	158	175	25
Total		1,45,332	1,27,307	1,42,163	1,55,781	

NA: Not Available

Note: 1. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

Severity* of Road Accidents in India (State/UT-wise): 2019 to 2022

S. No.	States/UTs	2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	36.3	36.1	38.0	39.0	22
2	Arunachal Pradesh	53.6	54.5	55.5	65.2	7
3	Assam	38.4	39.9	41.0	42.6	19
4	Bihar	72.0	77.5	80.2	82.4	2
5	Chhattisgarh	36.0	39.5	43.4	43.9	16
6	Goa	8.6	9.4	7.9	9.0	36
7	Gujarat	43.4	46.1	49.1	48.4	10
8	Haryana	46.2	47.8	47.4	47.1	11
9	Himachal Pradesh	39.9	39.9	43.8	39.7	21
10	Jharkhand	72.9	69.1	74.3	75.3	4
11	Karnataka	27.0	28.6	29.0	29.4	25
12	Kerala	10.8	10.7	10.3	9.8	35
13	Madhya Pradesh	22.2	24.6	24.7	24.7	29
14	Maharashtra	38.8	46.3	45.9	45.6	15
15	Manipur	23.2	29.4	30.1	25.0	28
16	Meghalaya	37.1	67.3	76.3	65.9	6
17	Mizoram	77.4	79.2	81.2	85.0	1
18	Nagaland	7.3	10.6	7.4	14.9	32
19	Odisha	48.2	48.3	46.3	46.9	13
20	Punjab	71.3	74.9	78.2	77.5	3
21	Rajasthan	45.0	48.4	47.9	47.0	12
22	Sikkim	45.1	34.1	36.1	43.6	18
23	Tamil Nadu	28.9	29.1	27.6	27.9	26
24	Telangana	32.3	35.9	35.5	35.0	24
25	Tripura	36.5	41.2	40.5	41.9	20
26	Uttarakhand	64.1	64.7	58.4	62.2	8
27	Uttar Pradesh	53.2	55.9	56.3	54.1	9
28	West Bengal	45.6	47.2	48.6	43.9	17
29	Andaman & Nicobar Islands	8.7	9.9	17.4	13.5	33
30	Chandigarh	34.1	33.3	46.2	35.0	23
31	Dadra & Nagar Haveli	72.1	64.0	54.3	45.9	14
32	Daman & Diu	40.6	NA	NA	NA	NA
33	Delhi	26.1	28.6	26.3	25.8	27
34	Jammu & Kashmir	17.2	15.0	14.2	13.2	34
35	Ladakh	NA	NA	23.7	16.6	30
36	Lakshadweep	0.0	0.0	25.0	66.7	5
37	Puducherry	10.6	15.0	13.3	15.3	31
National Average		34.8	37.2	37.3	36.5	

Note: 1.* Accident Severity: Road accident deaths per 100 accidents

2. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

3. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

NA: Not Available

Type of Road accidents in States/ UTs in 2022

S. No	States/UTs	Fatal Accidents	Grievous Injury Accidents	Minor Injury Accidents	Non-Injury Accidents	Total Accidents
1	2	3	4	5	6	7
1	Andhra Pradesh	7,688	4,306	8,010	1,245	21,249
2	Arunachal Pradesh	123	81	11	12	227
3	Assam	2,837	3,559	385	242	7,023
4	Bihar	8,242	2,065	127	367	10,801
5	Chhattisgarh	5,446	1,345	4,955	1,533	13,279
6	Goa	253	206	528	2,024	3,011
7	Gujarat	6,999	5,373	2,356	1,023	15,751
8	Haryana	4,593	1,799	3,659	378	10,429
9	Himachal Pradesh	864	809	772	152	2,597
10	Jharkhand	3,570	1,322	106	177	5,175
11	Karnataka	10,854	17,149	8,714	3,045	39,762
12	Kerala	4,104	31,584	6,674	1,548	43,910
13	Madhya Pradesh	12,183	4,928	32,214	5,107	54,432
14	Maharashtra	14,058	12,250	4,442	2,633	33,383
15	Manipur	109	114	277	8	508
16	Meghalaya	147	71	12	16	246
17	Mizoram	94	24	4	11	133
18	Nagaland	67	51	138	233	489
19	Odisha	5,140	4,310	1,771	442	11,663
20	Punjab	4,418	1,208	445	67	6,138
21	Rajasthan	10,061	3,741	9,065	747	23,614
22	Sikkim	58	81	57	15	211
23	Tamil Nadu	17,080	20,752	24,825	1,448	64,105
24	Telangana	7,057	2,581	9,744	2,237	21,619
25	Tripura	232	325	5	13	575
26	Uttarakhand	851	627	124	72	1,674
27	Uttar Pradesh	20,524	13,052	7,257	913	41,746
28	West Bengal	5,626	6,944	874	242	13,686
29	A & N Islands	19	54	43	25	141
30	Chandigarh	79	14	113	31	237
31	D & N Haveli	88	91	8	9	196
32	Daman & Diu	NA	NA	NA	NA	NA
33	Delhi	1,428	211	3,921	92	5,652
34	Jammu & Kashmir	654	1,723	3,109	606	6,092
35	Ladakh	60	21	245	48	374
36	Lakshadweep	0	3	0	0	3
37	Puducherry	175	600	370	36	1,181
Total		1,55,781	1,43,374	1,35,360	26,797	4,61,312

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Total number of Grievous and Minor Injured Persons in Road Accidents on all roads during the calendar year 2022

S.No	States/UTs	Grievously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	5,794	15,546	21,340
2	Arunachal Pradesh	142	44	186
3	Assam	5,051	586	5,637
4	Bihar	6,876	192	7,068
5	Chhattisgarh	1,824	9,871	11,695
6	Goa	268	823	1,091
7	Gujarat	8,782	6,307	15,089
8	Haryana	1,677	6,842	8,519
9	Himachal Pradesh	1,263	2,800	4,063
10	Jharkhand	3,006	741	3,747
11	Karnataka	22,717	25,437	48,154
12	Kerala	34,638	14,669	49,307
13	Madhya Pradesh	6,948	48,220	55,168
14	Maharashtra	19,540	7,699	27,239
15	Manipur	235	582	817
16	Meghalaya	211	99	310
17	Mizoram	49	58	107
18	Nagaland	66	225	291
19	Odisha	6,156	4,146	10,302
20	Punjab	2,345	979	3,324
21	Rajasthan	6,671	15,622	22,293
22	Sikkim	155	199	354
23	Tamil Nadu	22,732	44,971	67,703
24	Telangana	3,437	16,772	20,209
25	Tripura	522	19	541
26	Uttarakhand	1,218	395	1,613
27	Uttar Pradesh	18,184	10,357	28,541
28	West Bengal	10,715	2,128	12,843
29	A & N Islands	60	76	136
30	Chandigarh	18	185	203
31	D & N Haveli	145	128	273
32	Daman & Diu	NA	NA	NA
33	Delhi	238	4,963	5,201
34	Jammu & Kashmir	3,327	5,045	8,372
35	Ladakh	29	317	346
36	Lakshadweep	2	0	2
37	Puducherry	633	649	1,282
Total		1,95,674	2,47,692	4,43,366

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Total Number of Road Accidents on National Highways*: 2019 to 2022

S. No.	States/UTs	State/UT-Wise Total Number of Road Accidents on National Highways during				
		2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	7,682	7,167	8,241	8,650	7
2	Arunachal Pradesh	95	67	147	131	30
3	Assam	3,988	2,963	3,408	3,244	16
4	Bihar	4,526	4,101	4,349	4,601	10
5	Chhattisgarh	3,811	3,463	3,610	4,115	12
6	Goa	1,244	787	1,116	1,259	20
7	Gujarat	3,511	3,234	3,406	3,536	15
8	Haryana	3,442	3,039	3,174	3,727	14
9	Himachal Pradesh	1,396	1,045	1,179	1,258	21
10	Jharkhand	2,074	1,772	1,890	2,125	19
11	Karnataka	13,363	11,230	11,462	13,384	5
12	Kerala	9,459	6,594	8,048	17,627	2
13	Madhya Pradesh	10,440	9,866	11,030	13,860	4
14	Maharashtra	8,360	6,501	7,501	9,417	6
15	Manipur	395	273	236	313	25
16	Meghalaya	325	128	153	157	29
17	Mizoram	21	25	29	77	31
18	Nagaland	235	309	488	304	26
19	Odisha	4,148	3,673	4,087	4,317	11
20	Punjab	2,423	2,032	2,288	2,293	18
21	Rajasthan	6,883	5,764	6,424	7,093	9
22	Sikkim	59	37	73	74	32
23	Tamil Nadu	21,489	18,372	16,869	18,972	1
24	Telangana	7,352	6,820	7,214	7,505	8
25	Tripura	248	184	199	241	27
26	Uttarakhand	662	524	711	827	22
27	Uttar Pradesh	16,181	13,695	14,540	14,990	3
28	West Bengal	3,547	3,354	3,821	3,993	13
29	Andaman & Nicobar Islands	71	42	41	43	33
30	Chandigarh	36	15	29	29	34
31	Dadra & Nagar Haveli	0	0	0	14	35
32	Daman & Diu	0	NA	NA	NA	NA
33	Delhi	857	460	457	799	23
34	Jammu & Kashmir	2,081	1,512	1,899	2,378	17
35	Ladakh	NA	NA	119	196	28
36	Lakshadweep	0	0	0	0	36
37	Puducherry	653	567	587	448	24
Total		1,41,057	1,19,615	1,28,825	1,51,997	

* Includes expressways

NA: Not Available

Note: 1. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

Total Number of Persons Killed in Road Accidents on National Highways*: 2019 to 2022

S. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents on National Highways during				
		2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	3,114	2,858	3,602	3,793	8
2	Arunachal Pradesh	54	32	87	73	27
3	Assam	1,690	1,322	1,574	1,428	17
4	Bihar	3,436	3,285	3,517	3,953	7
5	Chhattisgarh	1,421	1,390	1,663	1,885	14
6	Goa	107	61	83	127	23
7	Gujarat	1,898	1,797	2,077	2,109	10
8	Haryana	1,901	1,663	1,766	2,038	12
9	Himachal Pradesh	487	314	425	443	20
10	Jharkhand	1,554	1,241	1,496	1,699	16
11	Karnataka	3,842	3,330	3,487	4,164	4
12	Kerala	1,259	887	975	1,197	18
13	Madhya Pradesh	2,904	3,022	3,389	4,025	6
14	Maharashtra	3,799	3,528	4,080	4,923	3
15	Manipur	111	90	77	74	26
16	Meghalaya	89	81	112	98	25
17	Mizoram	19	20	23	72	28
18	Nagaland	18	29	25	55	30
19	Odisha	2,000	1,781	1,933	2,043	11
20	Punjab	1,693	1,492	1,950	1,881	15
21	Rajasthan	3,870	3,320	3,829	4,156	5
22	Sikkim	29	14	23	27	32
23	Tamil Nadu	6,661	5,454	5,263	5,978	2
24	Telangana	2,491	2,620	2,735	3,010	9
25	Tripura	106	78	94	105	24
26	Uttarakhand	428	365	430	545	19
27	Uttar Pradesh	8,830	7,859	8,506	8,479	1
28	West Bengal	2,012	1,826	2,177	2,017	13
29	Andaman & Nicobar Islands	7	8	5	11	33
30	Chandigarh	13	6	21	9	34
31	Dadra & Nagar Haveli	0	0	0	9	34
32	Daman & Diu	0	NA	NA	NA	
33	Delhi	278	149	201	252	22
34	Jammu & Kashmir	384	258	268	259	21
35	Ladakh	NA	NA	27	30	31
36	Lakshadweep	0	0	0	0	36
37	Puducherry	82	71	87	71	29
Total		56,587	50,251	56,007	61,038	

*** Includes expressways****NA: Not Available****Note: 1. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards****2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.**

Total Number of Persons Injured in Road Accidents on National Highways*: 2019 to 2022

S. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents on National Highways during				
		2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	8,651	7,215	8,323	8,890	6
2	Arunachal Pradesh	138	83	150	106	31
3	Assam	3,625	2,369	2,631	2,541	16
4	Bihar	3,296	3,540	3,534	3,063	15
5	Chhattisgarh	3,541	3,075	2,906	3,400	12
6	Goa	374	262	228	327	25
7	Gujarat	3,112	2,760	2,781	3,228	13
8	Haryana	2,837	2,387	2,514	3,197	14
9	Himachal Pradesh	2,328	1,592	1,645	1,983	18
10	Jharkhand	1,483	1,230	1,138	1,410	19
11	Karnataka	16,835	13,131	13,229	16,337	3
12	Kerala	10,710	7,354	8,984	17,799	2
13	Madhya Pradesh	10,362	9,714	10,468	13,911	4
14	Maharashtra	7,263	5,253	5,901	8,174	7
15	Manipur	602	401	320	466	23
16	Meghalaya	134	160	175	204	27
17	Mizoram	25	26	27	59	32
18	Nagaland	150	168	240	192	28
19	Odisha	4,359	3,421	3,520	3,746	11
20	Punjab	1,454	974	1,100	1,172	20
21	Rajasthan	7,002	5,096	6,065	6,924	9
22	Sikkim	95	61	110	166	30
23	Tamil Nadu	21,821	17,635	17,596	21,138	1
24	Telangana	7,591	6,649	6,916	6,949	8
25	Tripura	297	182	207	224	26
26	Uttarakhand	705	402	546	908	21
27	Uttar Pradesh	10,900	8,986	9,512	10,195	5
28	West Bengal	3,714	3,259	3,570	3,927	10
29	Andaman & Nicobar Islands	74	55	44	39	33
30	Chandigarh	27	12	21	21	34
31	Dadra & Nagar Haveli	0	0	0	13	35
32	Daman & Diu	0	NA	NA	NA	
33	Delhi	742	386	427	717	22
34	Jammu & Kashmir	2,620	1,740	2,175	2,319	17
35	Ladakh	NA	NA	119	179	29
36	Lakshadweep	0	0	0	0	36
37	Puducherry	733	509	643	428	24
Total		1,37,600	1,10,087	1,17,765	1,44,352	

* Includes expressways

NA: Not Available

Note: 1. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

Total Number of Fatal Road Accidents on National Highways*: 2019-2022

S. No.	States/UTs	2019	2020	2021	2022	
		Number	Rank			
1	2	3	4	5	6	7
1	Andhra Pradesh	2,760	2,617	3,226	3,439	8
2	Arunachal Pradesh	43	28	85	73	26
3	Assam	1,572	1,225	1,479	1,315	17
4	Bihar	3,205	3,004	3,242	3,636	6
5	Chhattisgarh	1,279	1,221	1,505	1,703	15
6	Goa	103	59	79	118	23
7	Gujarat	1,697	1,612	1,867	1,899	12
8	Haryana	1,662	1,483	1,729	1,991	10
9	Himachal Pradesh	388	266	381	375	20
10	Jharkhand	1,419	1,157	1,357	1,532	16
11	Karnataka	3,411	3,039	3,228	3,758	4
12	Kerala	1,158	831	912	1,122	18
13	Madhya Pradesh	2,602	2,614	3,033	3,680	5
14	Maharashtra	3,432	3,232	3,678	4,459	3
15	Manipur	104	82	66	68	28
16	Meghalaya	85	75	91	88	25
17	Mizoram	17	18	22	55	29
18	Nagaland	18	22	26	48	30
19	Odisha	1,820	1,631	1,812	1,917	11
20	Punjab	1,599	1,477	1,714	1,754	14
21	Rajasthan	3,308	2,847	3,270	3,574	7
22	Sikkim	20	10	21	23	32
23	Tamil Nadu	6,340	5,162	4,944	5,582	2
24	Telangana	2,272	2,394	2,507	2,764	9
25	Tripura	93	73	86	99	24
26	Uttarakhand	370	320	393	448	19
27	Uttar Pradesh	7,760	7,031	7,630	7,582	1
28	West Bengal	1,832	1,667	1,989	1,860	13
29	Andaman & Nicobar Islands	7	6	5	11	33
30	Chandigarh	13	6	21	8	35
31	Dadra & Nagar Haveli	0	0	0	9	34
32	Daman & Diu	0	NA	NA	NA	
33	Delhi	268	143	200	242	21
34	Jammu & Kashmir	304	234	234	239	22
35	Ladakh	NA	NA	24	30	31
36	Lakshadweep	0	0	0	0	36
37	Puducherry	75	69	97	70	27
Total		51,036	45,655	50,953	55,571	

* Includes expressways

NA: Not Available

Note: 1. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

2. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

Total number of Grievous and Minor Injured Persons in Road Accidents on National Highways during the calendar year 2022

S.No	States/UTs	Grievously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	2,290	6,600	8,890
2	Arunachal Pradesh	82	24	106
3	Assam	2,303	238	2,541
4	Bihar	2,987	76	3,063
5	Chhattisgarh	592	2,808	3,400
6	Goa	92	235	327
7	Gujarat	1,816	1,412	3,228
8	Haryana	564	2,633	3,197
9	Himachal Pradesh	643	1,340	1,983
10	Jharkhand	1,160	250	1,410
11	Karnataka	6,889	9,448	16,337
12	Kerala	11,900	5,899	17,799
13	Madhya Pradesh	1,681	12,230	13,911
14	Maharashtra	5,877	2,297	8,174
15	Manipur	114	352	466
16	Meghalaya	133	71	204
17	Mizoram	31	28	59
18	Nagaland	41	151	192
19	Odisha	2,219	1,527	3,746
20	Punjab	839	333	1,172
21	Rajasthan	2,116	4,808	6,924
22	Sikkim	69	97	166
23	Tamil Nadu	6,088	15,050	21,138
24	Telangana	1,146	5,803	6,949
25	Tripura	223	1	224
26	Uttarakhand	686	222	908
27	Uttar Pradesh	6,514	3,681	10,195
28	West Bengal	3,392	535	3,927
29	A & N Islands	15	24	39
30	Chandigarh	1	20	21
31	D & N Haveli	8	5	13
32	Daman & Diu	NA	NA	NA
33	Delhi	21	696	717
34	Jammu & Kashmir	974	1,345	2,319
35	Ladakh	16	163	179
36	Lakshadweep	0	0	0
37	Puducherry	290	138	428
Total		63,812	80,540	1,44,352

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

State-wise data of total accidents & fatalities occurred on National Highways under different categories during the year 2022

S.No	States/UTs	National Highways under NHAI		National Highways under State PWD		National Highways under Other department		Total	
		Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths
1	2	3	4	5	6	7	8	9	10
1	Andhra Pradesh	6,444	2,811	1,721	800	485	182	8,650	3,793
2	Arunachal Pradesh	85	47	46	26	0	0	131	73
3	Assam	1,914	917	731	306	599	205	3,244	1,428
4	Bihar	3,609	3,044	844	782	148	127	4,601	3,953
5	Chhattisgarh	2,082	982	2,033	903	0	0	4,115	1,885
6	Goa	0	0	1,259	127	0	0	1,259	127
7	Gujarat	2,795	1,740	678	334	63	35	3,536	2,109
8	Haryana	3,409	1,837	169	106	149	95	3,727	2,038
9	Himachal Pradesh	251	76	998	361	9	6	1,258	443
10	Jharkhand	1,446	1,133	475	388	204	178	2,125	1,699
11	Karnataka	11,236	3,445	2,007	674	141	45	13,384	4,164
12	Kerala	1,056	68	16,571	1,129	0	0	17,627	1,197
13	Madhya Pradesh	10,641	3,165	1,917	526	1,302	334	13,860	4,025
14	Maharashtra	7,021	3,740	1,809	859	587	324	9,417	4,923
15	Manipur	200	53	113	21	0	0	313	74
16	Meghalaya	114	67	36	22	7	9	157	98
17	Mizoram	77	72	0	0	0	0	77	72
18	Nagaland	201	33	99	18	4	4	304	55
19	Odisha	3,203	1,606	1,114	437	0	0	4,317	2,043
20	Punjab	1,815	1,506	323	255	155	120	2,293	1,881
21	Rajasthan	6,225	3,682	699	352	169	122	7,093	4,156
22	Sikkim	37	13	30	11	7	3	74	27
23	Tamil Nadu	15,686	4,980	3,286	998	0	0	18,972	5,978
24	Telangana	4,802	2,020	1,568	699	1,135	291	7,505	3,010
25	Tripura	108	55	133	50	0	0	241	105
26	Uttarakhand	816	536	11	9	0	0	827	545
27	Uttar Pradesh	10,587	6,011	2,506	1,460	1,897	1,008	14,990	8,479
28	West Bengal	2,930	1,535	1,022	465	41	17	3,993	2,017
29	A & N Islands	43	11	0	0	0	0	43	11
30	Chandigarh	29	9	0	0	0	0	29	9
31	D & N Haveli	0	0	14	9	0	0	14	9
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	799	252	0	0	0	0	799	252
34	Jammu & Kashmir	1,007	85	156	23	1,215	151	2,378	259
35	Ladakh	103	20	75	7	18	3	196	30
36	Lakshadweep	0	0	0	0	0	0	0	0
37	Puducherry	0	0	448	71	0	0	448	71
Total		1,00,771	45,551	42,891	12,228	8,335	3,259	1,51,997	61,038

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents & Persons Killed in Road Accidents in terms of Road User categories on National Highways under different categories during the year 2022

S.No	States/UTs	Pedestrians						Bicycles						Two Wheelers					
		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD		National Highways under Other department	
		Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	854	469	311	163	85	37	67	33	6	2	17	9	2,675	1,097	893	430	242	73
2	Arunachal Pradesh	2	2	3	2	0	0	0	0	0	0	0	0	13	15	8	0	0	0
3	Assam	249	137	108	43	71	16	78	40	40	19	30	14	783	375	309	132	231	96
4	Bihar	1,300	1,100	228	230	25	25	209	166	48	48	13	17	1,359	1,136	365	322	42	45
5	Chhattisgarh	190	125	201	112	0	0	51	30	55	26	0	0	1,047	512	1,089	590	0	0
6	Goa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	425	80	0
7	Gujarat	480	385	83	54	5	3	21	15	6	3	0	0	1,066	668	275	132	32	17
8	Haryana	703	441	27	24	21	17	135	42	2	1	3	2	1,221	704	35	26	34	21
9	Himachal Pradesh	42	21	239	74	1	1	0	0	4	0	0	0	68	22	178	128	2	1
10	Jharkhand	106	100	62	50	29	56	24	26	5	10	5	5	735	600	199	181	108	37
11	Karnataka	1,458	484	265	94	12	1	76	20	4	0	0	0	5,198	1,586	780	293	52	30
12	Kerala	108	20	2,115	329	0	0	9	0	212	26	0	0	469	37	6,903	592	0	0
13	Madhya Pradesh	826	272	77	27	10	284	47	15	2	7	3	4,625	1,302	738	207	412	107	
14	Maharashtra	828	642	287	158	91	65	51	25	22	12	4	1	2,995	1,561	969	501	224	124
15	Manipur	32	12	20	10	0	0	8	5	2	0	0	0	97	20	66	5	0	0
16	Meghalaya	21	14	11	8	0	0	0	0	1	0	0	0	33	21	8	3	3	4
17	Mizoram	7	7	0	0	0	0	0	0	0	0	0	0	28	21	0	0	0	0
18	Nagaland	4	4	4	2	2	1	1	0	0	0	0	0	11	12	9	5	1	1
19	Odisha	310	209	93	44	0	0	75	37	9	4	0	0	1,348	745	518	203	0	0
20	Punjab	145	140	25	22	11	11	77	62	8	7	5	5	810	641	175	133	94	73
21	Rajasthan	407	330	36	20	14	11	14	10	0	0	11	3	1,848	1,170	188	102	57	33
22	Sikkim	2	1	2	1	0	0	0	0	0	0	0	0	9	0	9	6	2	1
23	Tamil Nadu	3,377	1,349	797	262	0	0	313	92	103	27	0	0	9,238	2,785	1,907	578	0	0
24	Telangana	717	381	265	132	269	85	29	15	10	2	24	6	1,980	898	634	313	546	154
25	Tripura	24	12	42	20	0	0	2	2	3	2	0	0	41	25	53	23	0	0
26	Uttarakhand	200	103	3	3	0	0	16	8	0	0	0	0	240	202	3	1	0	0
27	Uttar Pradesh	587	358	114	69	108	52	430	239	193	106	123	68	3,315	1,996	636	397	497	255
28	West Bengal	460	487	212	65	1	1	3	86	0	0	0	0	332	220	232	127	7	2
29	A & N Islands	2	1	0	0	0	0	2	1	0	0	0	0	26	7	0	0	0	0
30	Chandigarh	0	0	0	0	0	0	1	2	0	0	0	0	12	7	0	0	0	0
31	D & N Haveli	0	0	1	1	0	0	0	0	0	0	0	0	0	0	9	7	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	288	106	0	0	0	0	29	9	0	0	0	0	334	93	0	0	0	0
34	Jammu & Kashmir	255	22	27	0	9	0	0	0	0	0	0	0	154	12	14	19	456	72
35	Ladakh	1	1	2	1	0	0	0	0	0	0	0	0	2	1	2	3	4	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	87	10	0	0	0	0	0	0	7	1	0	0	0	304	46	0
Total	13,985	7,735	5,747	2,032	781	393	2,006	1,013	755	299	242	133	42,129	18,489	17,940	5,593	3,046	1,146	

Contd..

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents & Persons Killed in Road Accidents in terms of Road User categories on National Highways under different categories during 2022

S.No	States/UTs	Auto Rickshaws										Cars, Taxis, Vans & LMV										Trucks/Lorries	
		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD	
		Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths
1	2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
1	Andhra Pradesh	419	226	153	70	53	20	1,162	453	188	66	48	19	729	326	98	42	10	5				
2	Arunachal Pradesh	10	6	6	3	0	0	21	12	13	8	0	0	16	10	4	5	0	0				
3	Assam	86	29	44	17	52	16	361	178	133	50	143	35	178	87	51	23	24	8				
4	Bihar	181	162	56	49	13	16	247	223	85	77	32	14	95	78	21	17	14	6				
5	Chhattisgarh	18	4	15	7	0	0	367	130	415	74	0	0	158	85	103	27	0	0				
6	Goa	0	0	5	0	0	0	0	0	554	20	0	0	0	0	0	0	0	0				
7	Gujarat	173	79	71	23	7	5	564	313	159	75	14	6	361	216	54	27	2	1				
8	Haryana	82	42	7	4	5	3	506	338	25	18	29	21	301	161	11	5	11	7				
9	Himachal Pradesh	4	1	5	4	0	0	91	24	332	87	4	3	24	5	141	35	1	0				
10	Jharkhand	60	57	20	21	20	20	200	131	55	44	24	35	81	90	51	38	4	8				
11	Karnataka	406	143	91	9	13	0	2,132	622	457	128	24	11	1,075	317	160	80	17	2				
12	Kerala	66	1	981	44	0	0	308	6	4,113	102	0	0	49	2	999	7	0	0				
13	Madhya Pradesh	334	81	80	17	86	17	2,067	603	386	111	221	60	1,199	442	247	94	179	59				
14	Maharashtra	169	77	44	17	8	5	1,739	889	305	121	173	79	670	316	93	28	48	30				
15	Manipur	11	3	6	0	0	0	36	7	11	1	0	0	11	2	7	4	0	0				
16	Meghalaya	2	1	2	0	0	0	31	15	11	7	2	3	19	8	4	3	2	2				
17	Mizoram	2	2	0	0	0	0	25	28	0	0	0	0	14	14	0	0	0	0				
18	Nagaland	18	3	15	0	0	0	151	9	56	8	1	1	10	4	13	1	0	0				
19	Odisha	87	33	55	14	0	0	479	212	190	68	0	0	590	238	80	32	0	0				
20	Punjab	96	74	20	14	3	3	559	467	81	69	36	23	59	4	3	6	5					
21	Rajasthan	61	38	3	2	11	4	1,909	978	232	122	31	29	1,204	723	138	57	19	13				
22	Sikkim	0	0	0	0	0	0	20	6	11	4	3	2	6	3	0	2	0	0				
23	Tamil Nadu	285	67	54	16	0	0	1,538	476	271	91	0	0	539	131	70	15	0	0				
24	Telangana	217	74	95	47	35	6	929	237	306	119	173	11	495	205	165	45	32	15				
25	Tripura	7	4	11	2	0	0	12	5	21	3	0	0	18	6	2	0	0	0				
26	Uttarakhand	11	2	4	4	0	0	275	143	0	0	0	0	39	21	0	0	0	0				
27	Uttar Pradesh	658	380	187	116	164	77	1,927	1,071	432	253	297	173	1,049	610	269	157	148	86				
28	West Bengal	16	27	13	8	0	0	579	219	215	69	17	7	678	305	205	88	11	5				
29	A & N Islands	1	0	0	0	0	0	8	2	0	0	0	0	3	0	0	0	0	0				
30	Chandigarh	3	0	0	0	0	0	8	0	0	0	0	0	3	0	0	0	0	0				
31	D & N Haveli	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0				
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
33	Delhi	39	7	0	0	0	0	48	12	0	0	0	0	7	3	0	0	0	0				
34	Jammu & Kashmir	0	0	0	0	0	0	131	14	8	1	83	5	87	9	7	0	74	0				
35	Ladakh	0	0	0	0	0	0	72	11	41	2	13	2	27	7	8	0	0	0				
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
37	Puducherry	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Total	3,522	1,623	2,046	509	470	192	18,502	7,834	9,135	1,801	1,368	539	9,790	4,486	3,225	834	604	252				

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NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents & Persons Killed in Road Accidents in terms of Road User categories on National Highways under different categories during 2022

S.No	States/UTs	Buses												Other Non-Motorized Vehicles(E-rickshaw etc.)												Others		Total			
		National Highways under NHAI				National Highways under State PWD				National Highways under Other department				National Highways under NHAI				National Highways under State PWD				National Highways under Other department				National Highways under NHAI				National Highways under State PWD	
		Total Accidents	Deaths	Deaths	Accidents	Total Deaths	Deaths	Deaths	Accidents	Total Deaths	Deaths	Deaths	Accidents	Total Deaths	Deaths	Deaths	Accidents	Total Deaths	Deaths	Deaths	Accidents	Total Deaths	Deaths	Deaths	Accidents	Total Deaths	Deaths	Total Accidents	Deaths		
1	2	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	599	205				
1	Andhra Pradesh	191	80	32	6	8	9	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6,444	2,811	1,721	800	485	182		
2	Arunachal Pradesh	6	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	Assam	67	32	23	10	14	5	70	17	11	7	17	6	42	22	12	5	17	9	1,914	917	731	306	599	205	599	205				
4	Bihar	33	34	10	8	9	4	23	25	10	10	0	0	162	120	21	21	0	0	0	3,609	3,044	844	782	148	127	148	127			
5	Chhattisgarh	45	17	30	14	0	0	2	0	1	0	0	0	0	204	79	124	53	0	0	0	2,082	982	2,033	903	0	0	0	0		
6	Goa	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,259	127	0	0	0			
7	Gujarat	66	29	15	10	1	1	16	14	4	1	0	0	48	21	11	9	2	2	2,795	1,740	678	334	63	35	63	35				
8	Haryana	72	31	4	3	4	2	80	7	1	1	2	1	309	71	57	24	40	21	3,409	1,837	169	106	149	95	149	95				
9	Himachal Pradesh	13	1	47	21	1	1	0	5	1	0	0	0	7	2	47	11	0	0	251	76	998	361	9	6	9	6				
10	Jharkhand	27	30	13	14	2	2	80	12	9	8	3	10	133	87	61	22	9	5	1,446	1,133	475	388	204	178	204	178				
11	Karnataka	383	106	64	20	10	1	25	7	0	0	0	0	483	160	186	50	13	0	11,236	3,445	2,007	674	141	45	141	45				
12	Kerala	26	2	855	18	0	0	1	0	2	0	0	0	20	0	391	11	0	0	1,056	68	16,571	1,129	0	0	0	0				
13	Madhya Pradesh	291	135	125	20	106	15	141	37	74	5	57	13	874	246	175	43	207	50	10,641	3,165	1,917	526	1,302	334	1,302	334				
14	Maharashtra	167	51	25	8	8	2	10	3	4	0	0	0	392	176	60	14	31	18	7,021	3,740	1,809	859	587	324	587	324				
15	Manipur	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	1	1	0	0	200	53	113	21	0	0	0	0			
16	Meghalaya	2	1	0	0	0	0	0	0	0	0	0	0	0	6	7	0	0	0	0	114	67	36	22	7	9	7	9			
17	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	77	72	0	0	0	0				
18	Nagaland	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201	33	99	18	4	4	4	4			
19	Odisha	84	49	55	11	0	0	21	2	51	21	0	0	209	81	63	40	0	0	3,203	1,606	1,114	437	0	0	0	0				
20	Punjab	37	35	5	3	0	0	9	6	2	1	0	0	23	22	3	3	0	0	1,815	1,506	323	255	155	120	155	120				
21	Rajasthan	216	122	12	9	6	4	19	12	3	1	2	1	547	299	87	39	18	24	6,225	3,682	699	352	169	122	169	122				
22	Sikkim	2	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	37	13	30	11	7	3	7	3			
23	Tamil Nadu	360	69	80	9	0	0	12	2	1	0	0	0	24	9	3	0	0	0	15,686	4,980	3,286	998	0	0	0	0				
24	Telangana	161	56	52	20	22	3	27	12	3	1	15	4	247	142	38	20	19	7	4,802	2,020	1,568	699	1,135	291	1,135	291				
25	Tripura	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	55	133	50	0	0	0	0				
26	Uttarakhand	16	2	0	0	0	4	0	0	0	0	0	0	15	55	1	1	0	0	816	536	11	9	0	0	0	0				
27	Uttar Pradesh	589	360	176	99	134	77	739	311	227	116	182	92	1,293	686	272	147	244	128	10,587	6,011	2,506	1,460	1,897	1,008	1,897	1,008				
28	West Bengal	253	47	61	65	0	0	14	29	5	13	0	0	595	115	79	30	5	2	2,930	1,535	1,022	465	41	17	41	17				
29	A & N Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	43	11	0	0	0	0	0	0				
30	Chandigarh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
31	D & N Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
33	Delhi	3	3	0	0	0	11	2	0	0	0	0	0	40	17	0	0	0	0	799	252	0	0	0	0	0	0				
34	J & K	43	5	5	0	25	0	31	11	0	0	0	0	306	12	95	3	568	74	1,007	85	156	23	21,215	151	21,215	151				
35	Ladakh	0	0	1	1	1	0	0	0	0	0	0	0	1	0	21	0	0	0	103	20	75	7	18	3	18	3				
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
37	Puducherry	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	448	71	0	0				
Total	3,165	1,302	1,752	369	351	127	1,344	512	415	188	280	128	6,328	2,557	1,876	603	1,193	349	1,00,771	45,551	42,891	12,228	8,335	3,259	3,259	3,259					

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

State-wise data of accidents & fatalities classified according to type of traffic violation on National Highways under different categories during 2022

S. No	States/UTs	Over-Speeding						Drunken Driving/ Consumption of alcohol & drug						Driving on Wrong side					
		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD		National Highways under Other department		National Highways under NHAI		National Highways under State PWD			
		Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	5,742	2,426	1,520	707	421	163	13	2	5	0	0	0	172	86	15	3	21	8
2	Arunachal Pradesh	39	15	18	9	0	0	20	12	8	4	0	0	14	11	10	5	0	0
3	Assam	1,469	697	575	233	396	138	57	23	24	15	22	8	122	69	35	18	87	21
4	Bihar	2,288	2,014	450	433	81	68	8	5	5	2	1	1	492	385	75	68	11	9
5	Chhattisgarh	1,814	834	1,789	793	0	0	15	5	9	7	0	0	64	33	80	30	0	0
6	Goa	0	0	1,072	105	0	0	0	0	2	0	0	0	0	0	1	0	0	0
7	Gujarat	2,663	1,673	603	286	53	32	8	3	0	0	0	0	80	43	24	19	2	0
8	Haryana	1,857	1,346	73	57	69	54	49	24	7	4	4	3	198	115	24	17	19	14
9	Himachal Pradesh	152	46	365	118	7	5	9	3	16	3	0	0	31	11	237	88	0	0
10	Jharkhand	1,139	905	379	306	194	148	254	123	23	10	1	6	28	20	45	40	3	3
11	Karnataka	9,895	3,082	1,894	621	114	41	31	12	7	6	0	0	597	126	49	18	2	0
12	Kerala	586	44	8,474	623	0	0	5	0	23	3	0	0	32	4	370	41	0	0
13	Madhya Pradesh	8,751	2,667	1,462	417	647	163	414	92	99	25	86	13	376	120	83	35	60	14
14	Maharashtra	6,089	3,354	1,043	532	376	232	33	15	26	10	0	0	161	77	81	36	23	12
15	Manipur	144	33	113	21	0	0	16	7	0	0	0	0	8	5	0	0	0	0
16	Meghalaya	76	53	23	16	2	3	5	1	3	2	0	0	3	0	3	1	1	2
17	Mizoram	38	48	0	0	0	0	6	7	0	0	0	0	14	4	0	0	0	0
18	Nagaland	95	10	20	5	1	1	12	5	17	4	3	3	2	2	2	16	0	0
19	Odisha	2,395	1,159	606	276	0	0	107	61	38	13	0	0	236	141	106	46	0	0
20	Punjab	1,405	1,174	224	177	94	76	31	27	15	13	10	8	176	148	43	31	28	19
21	Rajasthan	5,460	3,214	558	278	138	111	26	12	0	0	4	2	154	111	23	13	0	0
22	Sikkim	17	6	13	6	2	1	4	5	4	2	2	0	4	2	4	2	1	1
23	Tamil Nadu	14,007	4,408	3,117	939	0	0	37	14	9	4	0	0	118	29	36	6	0	0
24	Telangana	4,227	1,825	1,406	630	975	247	131	44	53	22	46	14	96	28	20	9	33	7
25	Tripura	105	52	84	39	0	0	0	0	0	0	0	0	3	3	49	11	0	0
26	Uttarakhand	615	381	7	6	0	0	0	7	3	2	0	0	65	22	1	0	0	0
27	Uttar Pradesh	4,474	2,727	1,004	613	672	367	860	498	250	151	220	124	1,454	836	428	233	333	174
28	West Bengal	584	985	258	215	25	6	2	3	5	2	2	3	15	17	31	12	0	0
29	A & N Islands	3	1	0	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0
30	Chandigarh	21	6	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
31	D & N Haveli	0	0	11	6	0	0	0	0	1	1	0	0	0	0	0	2	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	680	217	0	0	0	0	3	1	0	0	0	0	40	17	0	0	0	0
34	Jammu & Kashmir	755	78	64	19	845	90	22	1	4	0	6	0	31	0	0	0	14	9
35	Ladakh	51	8	27	2	3	1	2	1	4	1	6	0	4	2	3	0	4	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	24	5	0	0	0	0	0	0	0	0	0	0	4	0	0	0
Total	77,636	35,488	27,276	8,493	5,115	1,947	2,196	1,012	659	306	413	185	4,790	2,467	1,898	784	642	293	

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NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

State-wise data of accidents & fatalities classified according to type of traffic violation on National Highways under different categories during 2022

S. No	States/UTs	Jumping Red Light						Use of Mobile Phone						Others						Total					
		National Highways under NHAI			National Highways under State PWD			National Highways under NHAI			National Highways under State PWD			National Highways under NHAI			National Highways under State PWD			National Highways under Other department					
		Total Accidents	Deaths	Accidents	Total Accidents	Deaths	Accidents	Total Accidents	Deaths	Accidents	Total Accidents	Deaths	Accidents	Total Accidents	Deaths	Accidents	Total Accidents	Deaths	Total Accidents	Deaths	Total Accidents	Deaths			
1	2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		
1	Andhra Pradesh	0	2	0	0	0	0	42	36	1	0	22	6	475	259	180	90	21	5	6,444	2,811	1,721	800	485	
2	Arunachal Pradesh	0	0	0	0	0	0	3	2	0	0	9	7	7	6	0	0	85	47	46	26	0	0		
3	Assam	14	6	0	0	14	5	40	18	20	10	27	10	212	104	77	30	53	23	1,914	917	731	306	599	
4	Bihar	23	10	0	0	0	0	12	14	2	1	0	0	786	616	312	278	55	49	3,609	3,044	844	782	148	
5	Chhattisgarh	7	2	16	1	0	1	0	0	0	0	181	107	139	72	0	0	2,082	982	2,033	903	0	0		
6	Goa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,259	127	0	0	
7	Gujarat	0	0	1	1	0	0	1	0	2	1	1	43	21	48	26	7	2	2,795	1,740	678	334	63		
8	Haryana	5	3	2	1	3	2	47	23	19	9	11	8	1,253	326	44	18	43	14	3,409	1,837	169	106	149	
9	Himachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	59	16	368	147	2	1	251	76	998	361	9	
10	Jharkhand	0	0	0	0	0	0	1	2	1	2	11	24	83	26	31	4	10	1,446	1,133	475	388	204		
11	Karnataka	189	75	0	0	0	0	5	5	0	0	0	0	519	145	57	29	25	4	11,236	3,445	2,007	674	141	
12	Kerala	1	0	22	1	0	0	0	0	13	1	0	0	432	20	7,669	460	0	0	1,056	68	16,571	1,129	0	
13	Madhya Pradesh	16	2	9	3	0	0	157	37	40	13	0	0	927	247	224	33	509	144	10,641	3,165	1,917	526	1,302	
14	Maharashtra	6	4	2	1	0	0	17	8	8	3	2	0	715	282	649	277	1,86	80	7,021	3,740	1,809	859	587	
15	Manipur	0	0	0	0	0	0	0	0	0	0	0	0	32	8	0	0	0	0	53	113	21	0	0	
16	Meghalaya	0	0	0	0	0	0	1	0	0	0	0	0	29	13	7	3	4	4	114	67	36	22	7	
17	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	19	13	0	0	0	0	77	72	0	0	0	
18	Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	92	16	46	9	0	0	201	33	99	18	4	
19	Odisha	20	5	18	5	0	0	88	35	113	24	0	0	357	205	233	73	0	0	3,203	1,606	1,114	437	0	
20	Punjab	7	9	1	1	0	0	71	59	13	10	3	2	125	89	27	23	20	15	1,815	1,506	323	255	155	
21	Rajasthan	1	0	0	0	0	0	21	8	0	0	4	0	563	337	118	61	23	9	6,225	3,682	699	352	169	
22	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	12	0	9	1	2	1	37	13	30	11	7	
23	Tamil Nadu	7	3	1	0	0	0	0	9	2	0	0	0	0	1,508	524	123	49	0	0	15,686	4,980	3,286	998	0
24	Telangana	1	0	0	0	6	0	10	6	3	0	1	0	337	117	86	38	74	23	4,802	2,020	1,568	699	1,135	
25	Tripura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	55	133	50	0		
26	Uttarakhand	0	0	0	0	0	0	0	0	0	0	0	0	129	130	1	1	0	0	816	536	11	9	0	
27	Uttar Pradesh	217	80	42	27	22	12	981	447	351	177	254	119	2,601	1,423	431	259	396	212	10,587	6,011	2,506	1,460	1,897	
28	West Bengal	1	6	5	2	2	1	1	6	1	2	2	2	2,327	523	717	233	10	5	2,930	1,535	1,022	465	41	
29	A & N Islands	0	0	0	0	0	0	0	8	0	0	0	0	32	0	0	0	0	0	43	11	0	0	0	
30	Chandigarh	1	1	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	29	9	0	0	0	
31	D & N Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	9	0	0	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
33	Delhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	799	252	0	0	0	
34	J & K	14	0	0	11	0	17	0	13	1	3	0	0	0	6	1	0	0	0	0	0	0	0	0	
35	Ladakh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,007	85	156	23	1,215	
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	7	18	3	0	
37	Puducherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	448	71	0	0	0	
Total	530	208	119	43	58	20	1,525	712	622	261	332	159	14,094	5,664	12,317	2,341	1,775	655	1,00,771	45,551	42,891	12,228	8,335	3,259	

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Total Number of Road Accidents on State Highways: 2019 to 2022

S. No.	States/UTs	State/UT-Wise Total Number of Road Accidents on State Highways during				
		2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	5,288	4,508	4,704	4,843	7
2	Arunachal Pradesh	90	39	75	71	28
3	Assam	2,102	1,752	1,782	1,758	16
4	Bihar	1,945	1,711	2,115	2,428	11
5	Chhattisgarh	3,010	2,171	2,166	2,140	14
6	Goa	423	328	444	446	21
7	Gujarat	4,558	3,647	4,394	4,053	9
8	Haryana	2,306	1,872	1,662	1,660	17
9	Himachal Pradesh	578	423	517	542	20
10	Jharkhand	1,458	1,322	1,041	1,069	18
11	Karnataka	10,446	9,465	8,820	9,800	4
12	Kerala	8,097	5,876	7,290	9,441	5
13	Madhya Pradesh	13,166	11,751	11,475	11,829	3
14	Maharashtra	7,214	5,518	6,328	6,902	6
15	Manipur	203	106	75	107	25
16	Meghalaya	50	21	46	31	33
17	Mizoram	36	27	40	35	32
18	Nagaland	69	116	143	135	24
19	Odisha	3,195	2,365	2,339	2,648	10
20	Punjab	1,815	1,483	1,825	1,888	15
21	Rajasthan	3,824	3,257	3,560	4,160	8
22	Sikkim	47	47	53	62	29
23	Tamil Nadu	21,451	18,698	18,656	22,633	1
24	Telangana	2,501	1,992	2,192	2,183	13
25	Tripura	213	174	171	193	23
26	Uttarakhand	342	220	294	256	22
27	Uttar Pradesh	13,402	10,555	11,096	12,068	2
28	West Bengal	2,426	1,986	2,126	2,403	12
29	Andaman & Nicobar Islands	68	34	31	44	31
30	Chandigarh	0	0	0	0	
31	Dadra & Nagar Haveli	35	33	56	57	30
32	Daman & Diu	1	NA	NA	NA	
33	Delhi	0	0	0	0	
34	Jammu & Kashmir	610	616	662	599	19
35	Ladakh	NA	NA	82	104	26
36	Lakshadweep	0	0	0	0	34
37	Puducherry	202	138	122	94	27
Total		1,11,171	92,251	96,382	1,06,682	

Note: 1. There were no State Highways in Chandigarh and Delhi.

2. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

3. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

NA: Not Available

Total Number of Persons Killed in Road Accidents on State Highways: 2019 to 2022

S. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents on State Highways during				
		2019	2020	2021	2022	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	2,036	1,704	1,904	1,869	9
2	Arunachal Pradesh	44	22	39	44	24
3	Assam	659	635	629	635	18
4	Bihar	1,449	1,409	1,747	1,997	8
5	Chhattisgarh	1,166	956	998	1,027	13
6	Goa	34	30	30	45	23
7	Gujarat	2,226	1,908	2,391	2,265	6
8	Haryana	1,147	914	902	758	17
9	Himachal Pradesh	220	163	203	193	19
10	Jharkhand	1,019	935	795	812	16
11	Karnataka	3,178	2,899	2,777	3,278	4
12	Kerala	979	629	768	986	14
13	Madhya Pradesh	3,073	2,919	3,022	3,157	5
14	Maharashtra	3,344	2,971	3,411	3,820	3
15	Manipur	35	16	21	23	27
16	Meghalaya	20	13	39	25	26
17	Mizoram	25	22	33	27	25
18	Nagaland	4	13	16	10	31
19	Odisha	1,503	1,179	1,099	1,274	11
20	Punjab	1,302	1,112	1,363	1,381	10
21	Rajasthan	2,041	1,802	1,945	2,224	7
22	Sikkim	22	16	18	20	29
23	Tamil Nadu	6,394	5,493	5,112	6,364	2
24	Telangana	902	759	864	820	15
25	Tripura	70	67	60	77	22
26	Uttarakhand	253	146	174	149	20
27	Uttar Pradesh	6,816	5,825	6,266	6,405	1
28	West Bengal	1,354	1,091	1,187	1,192	12
29	Andaman & Nicobar Islands	5	3	4	2	33
30	Chandigarh	0	0	0	0	
31	Dadra & Nagar Haveli	28	18	29	22	28
32	Daman & Diu	4	NA	NA	NA	
33	Delhi	0	0	0	0	
34	Jammu & Kashmir	89	68	78	84	21
35	Ladakh	NA	NA	20	17	30
36	Lakshadweep	0	0	0	0	34
37	Puducherry	20	17	19	10	31
Total		41,461	35,754	37,963	41,012	

Note: 1. There were no State Highways in Chandigarh and Delhi.

2. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

3. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

NA: Not Available

Total Number of Persons Injured in Road Accidents on State Highways: 2019 to 2022

S. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents on State Highways during			
		2019	2020	2021	2022
1	2	3	4	5	6
1	Andhra Pradesh	5,949	4,830	4,786	4,931
2	Arunachal Pradesh	117	60	106	48
3	Assam	1,869	1,416	1,460	1,514
4	Bihar	1,628	1,372	1,927	1,679
5	Chhattisgarh	2,906	1,831	2,056	2,303
6	Goa	159	130	103	206
7	Gujarat	4,628	3,573	4,350	4,310
8	Haryana	1,871	1,421	1,334	1,461
9	Himachal Pradesh	934	530	784	839
10	Jharkhand	1,046	1,028	733	836
11	Karnataka	14,169	11,791	11,507	12,839
12	Kerala	9,335	6,518	8,161	11,002
13	Madhya Pradesh	13,626	12,547	12,052	12,471
14	Maharashtra	6,465	4,336	5,078	5,418
15	Manipur	327	176	99	177
16	Meghalaya	24	13	48	30
17	Mizoram	29	26	38	33
18	Nagaland	46	72	82	62
19	Odisha	3,186	2,003	2,129	2,373
20	Punjab	1,003	918	994	1,051
21	Rajasthan	3,890	2,872	3,385	4,143
22	Sikkim	125	71	79	96
23	Tamil Nadu	21,474	17,751	18,409	23,387
24	Telangana	2,614	2,015	2,075	2,042
25	Tripura	288	166	243	181
26	Uttarakhand	370	218	238	182
27	Uttar Pradesh	9,272	6,776	7,155	8,264
28	West Bengal	2,404	1,837	1,935	2,444
29	Andaman & Nicobar Islands	56	28	25	45
30	Chandigarh	0	0	0	0
31	Dadra & Nagar Haveli	33	25	66	68
32	Daman & Diu	5	NA	NA	NA
33	Delhi	0	0	0	0
34	Jammu & Kashmir	746	738	958	1,868
35	Ladakh	NA	NA	71	81
36	Lakshadweep	0	0	0	0
37	Puducherry	249	96	117	101
Total		1,10,843	87,184	92,583	1,06,485

Note: 1. There were no State Highways in Chandigarh and Delhi.

2. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

3. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

NA: Not Available

Total Number of Fatal Road Accidents on State Highways: 2019-2022

S. No.	States/UTs	2019	2020	2021	2022
1	2	3	4	5	6
1	Andhra Pradesh	1,903	1,580	1,781	1,750
2	Arunachal Pradesh	41	17	36	38
3	Assam	617	596	601	646
4	Bihar	1,316	1,282	1,598	1,840
5	Chhattisgarh	1,073	873	924	944
6	Goa	32	28	30	42
7	Gujarat	2,004	1,704	2,150	2,041
8	Haryana	1,140	903	891	753
9	Himachal Pradesh	190	131	161	159
10	Jharkhand	937	830	724	744
11	Karnataka	2,908	2,685	2,609	3,046
12	Kerala	911	583	731	927
13	Madhya Pradesh	2,746	2,534	2,674	2,825
14	Maharashtra	3,009	2,729	3,151	3,447
15	Manipur	32	15	21	21
16	Meghalaya	22	13	29	24
17	Mizoram	25	23	26	24
18	Nagaland	2	16	16	12
19	Odisha	1,363	1,110	1,001	1,202
20	Punjab	1,201	993	1,266	1,272
21	Rajasthan	1,806	1,584	1,687	1,984
22	Sikkim	19	12	14	15
23	Tamil Nadu	6,030	5,247	4,911	6,107
24	Telangana	817	700	807	735
25	Tripura	69	63	56	76
26	Uttarakhand	209	132	152	140
27	Uttar Pradesh	5,987	5,184	5,669	5,822
28	West Bengal	1,266	1,011	1,106	1,113
29	Andaman & Nicobar Islands	5	3	3	2
30	Chandigarh	0	0	0	0
31	Dadra & Nagar Haveli	27	18	28	21
32	Daman & Diu	1	NA	NA	NA
33	Delhi	0	0	0	0
34	Jammu & Kashmir	80	59	59	62
35	Ladakh	NA	NA	18	17
36	Lakshadweep	0	0	0	0
37	Puducherry	30	30	16	10
Total		37,818	32,688	34,946	37,861

Note: 1. There were no State Highways in Chandigarh and Delhi.

2. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

3. Data have been reconciled for West Bengal for the calendar year 2015 to 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

NA: Not Available

**Total number of Grievous and Minor Injured Persons in Road Accidents
on State Highways during the calendar year 2022**

S.No	States/UTs	Grievously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	1,293	3,638	4,931
2	Arunachal Pradesh	35	13	48
3	Assam	1,380	134	1,514
4	Bihar	1,632	47	1,679
5	Chhattisgarh	331	1,972	2,303
6	Goa	63	143	206
7	Gujarat	2,510	1,800	4,310
8	Haryana	313	1,148	1,461
9	Himachal Pradesh	265	574	839
10	Jharkhand	691	145	836
11	Karnataka	6,033	6,806	12,839
12	Kerala	7,473	3,529	11,002
13	Madhya Pradesh	1,790	10,681	12,471
14	Maharashtra	3,971	1,447	5,418
15	Manipur	34	143	177
16	Meghalaya	25	5	30
17	Mizoram	12	21	33
18	Nagaland	17	45	62
19	Odisha	1,567	806	2,373
20	Punjab	778	273	1,051
21	Rajasthan	1,426	2,717	4,143
22	Sikkim	43	53	96
23	Tamil Nadu	8,136	15,251	23,387
24	Telangana	422	1,620	2,042
25	Tripura	165	16	181
26	Uttarakhand	121	61	182
27	Uttar Pradesh	5,554	2,710	8,264
28	West Bengal	2,041	403	2,444
29	A & N Islands	19	26	45
30	Chandigarh	0	0	0
31	D & N Haveli	37	31	68
32	Daman & Diu	NA	NA	NA
33	Delhi	0	0	0
34	Jammu & Kashmir	804	1,064	1,868
35	Ladakh	7	74	81
36	Lakshadweep	0	0	0
37	Puducherry	42	59	101
Total		49,030	57,455	1,06,485

Note: 1. There were no State Highways in Chandigarh and Delhi.

2. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

NA: Not Available

Total number of Fatal Road Accidents, Total Road Accidents, Persons Killed and Injured on Other Roads during the calendar years 2019 to 2022

S. No	State/UT	Fatal Accidents						Accidents						Killed						Injured						
		2019		2020		2021		2019		2020		2021		2019		2020		2021		2019		2020		2021		
		Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	20	21	20	21		
1	Andhra Pradesh	2,726	2,334	2,578	2,499	9,022	7,834	8,611	7,756	10	2,834	2,477	2,680	2,631	12	10,019	7,630	7,931	7,519	10						
2	Arunachal Pradesh	24	16	29	12	52	28	61	25	34	29	19	31	31	30	54	42	91	32	34						
3	Assam	830	662	813	876	2,260	1,880	2,221	2,021	18	859	672	833	931	19	1,979	1,484	1,672	1,582	18						
4	Bihar	2,210	1,911	2,221	2,766	3,536	2,827	3,089	3,772	16	2,320	2,005	2,396	2,948	9	2,282	2,104	2,485	2,326	17						
5	Chhattisgarh	2,251	2,140	2,553	2,799	7,078	6,022	6,599	7,024	12	2,416	2,260	2,710	2,922	10	6,643	5,599	5,721	5,992	12						
6	Goa	148	126	109	93	1,773	1,260	1,289	1,306	21	156	132	113	99	24	915	488	512	558	23						
7	Gujarat	3,025	2,306	2,808	3,059	8,977	6,517	7,386	8,162	9	3,266	2,465	2,984	3,244	8	8,518	5,669	6,559	7,551	9						
8	Haryana	1,882	1,795	1,783	1,849	5,196	4,520	5,097	5,042	13	2,009	1,930	2,038	2,119	15	4,654	3,851	4,273	3,861	16						
9	Himachal Pradesh	352	337	329	330	899	771	708	797	22	439	416	424	396	21	1,642	1,101	1,025	1,241	20						
10	Jharkhand	1,058	788	1,140	1,294	1,685	1,311	1,797	1,981	19	1,228	868	1,222	1,387	17	1,289	1,037	1,356	1,501	19						
11	Karnataka	3,741	3,360	3,621	4,050	16,849	13,483	14,365	16,578	5	3,938	3,531	3,774	4,260	6	19,443	14,570	16,018	18,978	4						
12	Kerala	2,114	1,409	1,619	2,055	23,555	15,407	17,958	16,842	4	2,202	1,463	1,686	2,134	14	26,010	16,638	19,630	20,506	3						
13	Madhya Pradesh	4,834	4,726	5,099	5,678	27,063	23,649	26,372	28,743	1	5,272	5,200	5,646	6,245	3	28,828	24,195	26,436	28,786	1						
14	Maharashtra	5,346	4,812	5,725	6,152	17,351	12,952	15,648	17,064	3	5,645	5,070	6,037	6,481	2	14,900	10,325	12,092	13,647	5						
15	Manipur	10	15	12	20	74	53	55	88	28	10	21	12	30	31	126	86	85	174	27						
16	Meghalaya	62	42	30	35	107	65	46	58	31	70	50	36	39	29	64	47	40	76	31						
17	Mizoram	4	0	0	15	5	1	0	21	35	4	0	0	14	33	2	16	0	15	35						
18	Nagaland	4	8	14	7	54	75	115	50	33	4	11	14	8	34	50	46	58	37	33						
19	Odisha	1,661	1,650	1,943	2,021	3,721	3,779	4,557	4,698	15	1,830	1,778	2,049	2,150	13	3,632	3,398	4,133	4,183	15						
20	Punjab	1,390	1,176	1,270	1,392	2,110	1,688	1,758	1,957	20	1,530	1,294	1,276	1,494	16	1,355	1,012	978	1,101	21						
21	Rajasthan	4,357	3,932	4,098	4,503	12,773	10,093	10,967	12,361	7	4,652	4,128	4,269	4,724	5	12,087	8,801	9,894	11,226	6						
22	Sikkim	22	12	5	20	56	54	29	75	29	22	17	15	45	28	98	86	55	92	29						
23	Tamil Nadu	4,826	3,459	4,892	5,391	19,745	12,774	20,157	22,500	2	5,074	3,580	5,009	5,542	4	19,837	12,232	19,991	23,178	2						
24	Telangana	3,383	3,335	3,766	3,558	11,717	10,360	11,909	11,931	8	3,571	3,503	3,958	3,729	7	11,794	9,997	11,116	11,218	7						
25	Tripura	62	43	39	57	194	108	109	141	26	63	47	40	59	26	231	122	97	136	28						
26	Uttarakhand	171	140	197	263	348	297	400	591	24	186	163	216	348	22	382	234	307	523	24						
27	Uttar Pradesh	5,984	4,860	5,727	7,120	12,989	9,993	12,093	14,688	6	7,009	5,465	6,455	7,711	1	8,760	6,648	8,230	10,082	8						
28	West Bengal	2,282	2,096	2,310	2,653	6,685	5,523	5,990	7,290	11	2,401	2,211	2,436	2,793	11	5,643	4,619	4,949	6,472	11						
29	Andaman & Nicobar Islands	8	3	11	6	91	65	43	54	32	8	3	11	6	35	77	62	28	52	32						
30	Chandigarh	87	44	73	269	144	179	208	25	91	47	75	74	25	248	136	151	182	26							
31	Dadra & Nagar Haveli	21	43	58	33	67	84	125	27	21	46	47	59	26	72	94	105	192	25							
32	Daman & Diu	22	NA	NA	68	NA	NA	NA	NA	24	NA	NA	NA	NA	69	NA	NA	NA	NA	NA						
33	Delhi	1,165	1,020	1,006	1,186	4,753	3,718	4,263	4,853	14	1,185	1,047	1,038	1,209	18	4,410	3,276	3,846	4,484	13						
34	Jammu & Kashmir	378	330	349	353	3,105	2,732	2,891	3,115	17	523	402	428	462	20	4,166	3,416	3,839	4,185	14						
35	Ladakh	NA	NA	6	13	NA	NA	35	74	30	NA	9	15	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
36	Lakshadweep	0	0	1	0	1	1	4	3	36	0	0	1	2	36	1	1	6	2	36						
37	Puducherry	38	34	45	95	537	264	340	639	23	45	57	34	100	23	637	414	339	753	22						
Total		56,478	48,964	56,264	62,349	2,04,731	1,60,315	1,87,225	2,02,633	60,936	52,378	60,002	66,441	2,00,917	1,49,476	1,74,100	1,92,529									

N4: Not Available;

Note: 1. Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards
 2. Data have been reconciled for West Bengal for the calendar year 2017, 2019 & 2020 and Tamil Nadu for the calendar year 2017 to 2020.

Accidents classified according to Type of Collision during the calendar year 2022

S. No	States/UTs	Hit & Run						With Parked Vehicle						Hit from Back						Hit from side			
		Total Accidents	Persons Killed	Persons Injured Grievously Injured	Persons Injured Minor Injury	Total Accidents	Persons Killed	Persons Injured Grievously Injured	Persons Injured Minor Injury	Total Accidents	Persons Killed	Grievously Injured	Persons Injured Minor Injury	Total Accidents	Persons Killed	Grievously Injured	Persons Injured Minor Injury	Total Accidents	Persons Killed	Grievously Injured	Persons Injured Minor Injury		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	Andhra Pradesh	1,560	666	325	913	745	304	240	550	5,830	2,057	1,761	4,063	3,442	1,148	1,098	2,112						
2	Arunachal Pradesh	2	1	3	2	13	8	9	5	35	24	18	4	22	15	19	5						
3	Assam	1,163	532	866	71	543	205	433	36	1,357	616	996	52	886	352	570	140						
4	Bihar	2,903	2,538	1,678	53	373	293	309	7	1,346	1,097	807	25	1,144	928	688	35						
5	Chhattisgarh	1,487	982	132	716	290	132	41	169	2,208	705	263	1,546	1,492	366	192	1,111						
6	Goa	35	2	10	7	18	1	1	3	640	49	86	179	783	62	64	257						
7	Gujarat	2,209	1,429	875	429	641	274	335	282	4,702	1,997	2,619	1,825	3,121	1,238	1,872	1,324						
8	Haryana	2,590	1,282	387	1,674	327	176	27	189	772	379	112	521	665	341	145	498						
9	Himachal Pradesh	218	74	100	108	73	17	33	52	212	54	110	169	247	60	125	244						
10	Jharkhand	990	856	411	49	132	93	95	17	1,147	863	668	137	612	406	333	143						
11	Karnataka	3,017	1,176	1,271	1,290	1,160	354	542	842	9,808	2,653	5,829	5,839	6,833	1,642	4,179	4,459						
12	Kerala	1,953	158	1,599	747	397	52	235	141	5,236	346	4,037	1,937	7,404	444	6,023	2,755						
13	Madhya Pradesh	12,250	3,509	11,381	11,328	1,809	346	288	1,678	9,931	2,289	1,269	7,884	5,159	1,172	641	5,081						
14	Maharashtra	8,768	3,723	5,089	1,456	898	412	490	248	8,714	3,950	5,375	2,277	5,155	2,212	3,192	1,212						
15	Manipur	88	26	24	97	17	4	3	25	128	21	45	164	85	17	31	105						
16	Meghalaya	39	31	10	2	5	1	1	2	39	24	24	22	32	22	27	6						
17	Mizoram	11	15	0	3	6	2	0	0	9	7	2	1	15	7	7	3						
18	Nagaland	24	9	3	14	15	5	3	5	67	11	12	42	105	8	14	39						
19	Odisha	2,109	1,164	983	442	917	412	432	290	2,152	922	1,057	680	1,272	464	704	472						
20	Punjab	1,563	1,208	634	190	254	200	113	36	968	710	411	178	1,018	714	434	180						
21	Rajasthan	5,618	2,762	1,994	3,308	491	218	120	348	5,468	2,343	1,219	3,753	2,431	880	597	1,767						
22	Sikkim	11	7	2	3	8	4	0	5	20	1	10	17	25	8	14	17						
23	Tamil Nadu	4,774	1,746	950	2,671	440	136	109	447	20,595	4,904	7,824	13,917	18,409	3,866	7,649	11,967						
24	Telangana	2,099	775	174	1,404	331	128	65	244	5,765	1,631	861	4,686	2,485	695	306	1,925						
25	Tripura	171	72	141	3	38	4	37	0	134	62	101	0	107	46	112	1						
26	Uttarakhand	223	151	81	32	13	10	12	5	495	265	376	80	478	219	315	79						
27	Uttar Pradesh	7,585	3,994	3,216	1,934	3,962	2,133	1,714	1,025	6,426	3,362	2,771	1,676	4,036	2,255	1,788	984						
28	West Bengal	1,314	833	418	222	173	78	176	42	3,282	1,316	2,728	498	1,368	381	1,243	289						
29	A & N Islands	10	2	4	7	3	0	1	3	18	3	8	6	29	3	13	20						
30	Chandigarh	18	4	4	14	3	0	0	0	65	43	2	42	112	22	11	92						
31	D & N Haveli	68	25	43	28	6	3	7	5	43	15	25	17	39	17	31	10						
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
33	Delhi	1,772	673	47	1,274	7	5	0	9	514	138	16	496	1,861	303	103	1,858						
34	Jammu & Kashmir	730	52	625	748	24	0	45	32	234	17	243	485	151	31	85	251						
35	Ladakh	5	4	1	0	0	0	0	0	57	4	2	50	69	7	6	56						
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
37	Puducherry	10	5	2	4	7	2	3	5	251	29	159	127	54	6	21	41						
	Total	67,387	30,486	23,483	31,243	14,139	6,012	5,919	6,747	98,668	32,907	41,846	53,395	71,146	20,357	32,652	39,538						

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NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents classified according to Type of Collision during the calendar year 2022

S. No	States/ UTs	Run Off Road			Fixed Object			Vehicle Overtake			Head on Collision			Others						
		Persons Injured		Total Accidents	Persons Killed		Total Accidents	Persons Injured		Total Accidents	Persons Killed		Persons Injured		Total Accidents	Persons Killed				
		Minor Injury	Grievously Injured		Minor Injury	Grievously Injured		Minor Injury	Grievously Injured		Minor Injury	Grievously Injured		Minor Injury	Grievously Injured		Minor Injury	Grievously Injured		
1	2	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
1	Andhra Pradesh	994	468	261	718	960	481	259	745	1,068	537	308	993	5,387	2,047	1,186	4,563	1,263	585	
2	Arunachal Pradesh	11	4	6	3	28	15	18	3	6	4	8	5	82	52	54	9	28	25	
3	Assam	473	151	364	63	455	193	406	12	709	286	476	62	1,005	455	621	101	432	204	
4	Bihar	478	401	297	8	591	411	286	8	789	673	543	9	2,010	1,591	1,618	34	1,167	966	
5	Chhattisgarh	1,152	549	182	749	925	600	53	582	363	210	65	750	3,805	1,399	686	3,287	1,557	891	
6	Goa	261	30	11	68	404	33	12	81	17	1	0	4	651	62	76	193	202	31	
7	Gujarat	1,284	635	790	541	432	273	272	266	1,176	647	638	687	1,870	932	1,239	894	316	193	
8	Haryana	234	124	43	109	213	92	58	123	342	152	26	274	688	323	106	418	4,598	2,046	
9	Himachal Pradesh	475	404	196	741	122	49	59	242	119	54	64	145	666	150	348	860	465	170	
10	Jharkhand	388	292	263	51	229	153	135	33	249	191	149	62	791	632	585	126	637	412	
11	Karnataka	2,069	670	1,150	1,608	1,286	394	620	1,163	1,478	371	865	1,221	8,411	2,180	5,537	5,796	5,700	2,262	
12	Kerala	285	55	253	228	413	106	231	172	461	64	394	261	7,503	721	6,485	2,889	20,258	2,371	
13	Madhya Pradesh	1,598	489	304	1,533	1,640	435	268	1,497	2,682	842	424	2,831	10,798	2,668	1,698	8,968	8,565	1,677	
14	Maharashtra	2,796	1,266	1,196	680	701	413	373	137	1,427	882	905	375	4,721	2,265	2,830	1,259	203	101	
15	Manipur	6	12	41	0	13	3	8	4	7	4	3	2	150	28	72	185	14	12	
16	Meghalaya	19	20	32	26	5	6	1	2	11	6	17	6	52	25	68	30	44	27	
17	Mizoram	50	47	24	26	2	1	0	2	4	2	1	1	24	19	13	11	12	13	
18	Nagaland	81	19	8	54	42	6	8	8	0	0	0	0	143	5	18	63	12	10	
19	Odisha	441	215	261	134	750	382	390	332	938	479	512	494	1,665	766	939	669	1,419	663	
20	Punjab	292	257	86	24	200	172	63	22	724	601	220	150	656	454	296	145	463	440	
21	Rajasthan	574	292	168	314	173	85	35	130	981	612	208	855	4,091	2,153	901	2,928	3,787	1,759	
22	Sikkim	73	41	50	62	12	4	29	44	12	8	5	5	26	2	36	30	24	17	
23	Tamil Nadu	1,756	947	368	1,519	2,104	1,053	423	1,936	3,116	433	414	1,139	9,830	2,497	3,978	7,886	4,881	2,302	
24	Telangana	467	242	45	341	556	288	53	365	1,074	658	70	876	5,924	2,006	1,567	4,658	2,918	1,136	
25	Tripura	0	0	0	0	0	8	1	7	0	23	14	31	0	94	42	93	15	0	
26	Uttarakhand	70	166	97	72	2	1	4	0	14	9	102	8	320	169	185	84	59	52	
27	Uttar Pradesh	3,307	1,757	1,381	798	2,307	1,282	1,059	549	3,500	1,889	1,590	809	3,797	2,071	1,744	964	6,826	3,852	
28	West Bengal	274	111	276	100	576	331	708	275	258	87	259	124	1,423	531	1,694	327	5,018	2,334	
29	A & N Islands	4	1	0	0	11	0	1	8	19	4	3	6	47	6	30	26	0	0	
30	Chandigarh	0	0	0	0	14	4	0	9	2	0	0	2	19	9	1	24	4	1	
31	D & N Haveli	5	6	2	7	13	8	0	6	11	7	31	50	11	9	6	5	0	0	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	81	29	7	53	131	17	4	133	40	9	2	46	60	9	2	64	1,186	278	
34	Jammu & Kashmir	544	138	498	851	16	5	27	45	176	75	239	247	368	28	181	293	3,849	459	
35	Ladakh	0	0	0	0	20	2	1	17	66	14	4	55	29	4	4	23	128	27	
36	Lakshadweep	0	0	0	0	3	2	2	0	0	0	0	0	0	0	0	0	0	0	
37	Puducherry	48	24	9	20	11	6	1	4	8	2	3	5	769	103	429	427	23	4	
	Total	20,590	9,862	8,669	11,501	15,368	7,307	5,874	8,955	20,070	9,827	8,579	12,559	77,886	26,413	35,326	48,254	76,058	33,320	35,500

NA: Not Available; Note: Data of Daman & Diu is included in Dadar & Nagar Haveli from 2020 onwards

Accidents classified according to Road Environment during the calendar year 2022

S. No	States/UTs	Residential Area						Institutional Area						Market/ Commercial Area			
		Persons Injured			Persons Killed			Persons Injured			Persons Killed			Total Accidents		Persons Killed	
		Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Andhra Pradesh	4,532	1,560	1,298	3,110	4,408	1,168	404	309	820	1,129	2,768	883	815	1,691	2,506	
2	Arunachal Pradesh	29	18	22	5	27	21	10	15	4	19	53	35	32	14	46	
3	Assam	1,995	823	1,542	185	1,727	808	295	609	82	691	1,327	529	928	111	1,039	
4	Bihar	2,272	1,832	1,547	52	1,599	658	550	421	6	427	1,595	1,192	1,076	48	1,124	
5	Chhattisgarh	3,287	1,370	477	2,392	2,869	458	160	100	376	476	1,408	336	167	1,123	1,290	
6	Goa	962	85	83	285	368	114	11	7	41	48	706	55	62	183	245	
7	Gujarat	3,553	1,370	1,874	1,276	3,150	1,204	526	703	452	1,155	2,197	877	1,228	760	1,988	
8	Haryana	1,455	654	204	954	1,158	662	29	79	574	653	1,367	486	247	981	1,228	
9	Himachal Pradesh	147	43	69	130	199	274	94	148	154	302	369	95	206	250	456	
10	Jharkhand	1,030	715	598	157	755	329	247	174	39	213	797	515	474	140	614	
11	Karnataka	5,397	1,245	3,363	2,830	6,193	1,902	425	1,207	1,135	2,342	4,872	1,213	2,854	2,655	5,509	
12	Kerala	4,555	442	3,614	1,456	5,070	1,740	158	1,376	596	1,972	5,322	425	4,094	1,788	5,882	
13	Madhya Pradesh	10,290	2,146	1,149	8,824	9,973	2,654	553	375	2,547	2,922	6,805	1,222	729	5,658	6,387	
14	Maharashtra	9,416	3,462	5,599	2,425	8,024	1,418	583	807	334	1,141	3,422	1,187	2,016	799	2,815	
15	Manipur	145	43	110	162	272	55	10	22	65	87	118	16	35	139	174	
16	Meghalaya	98	65	99	53	152	10	6	7	1	8	20	13	10	2	12	
17	Mizoram	66	42	21	18	39	1	0	0	0	0	1	0	1	1	2	
18	Nagaland	81	16	10	37	47	55	7	4	24	28	263	16	7	88	95	
19	Odisha	1,624	740	901	553	1,454	736	330	456	219	675	1,928	821	1,066	682	1,748	
20	Punjab	1,017	766	382	208	590	476	374	285	88	373	693	460	292	145	437	
21	Rajasthan	3,664	1,446	842	2,554	3,396	811	270	275	500	775	2,373	785	579	1,683	2,262	
22	Sikkim	58	13	44	65	109	9	0	8	5	13	29	6	22	16	38	
23	Tamil Nadu	11,771	3,000	3,984	8,162	12,146	7,871	2,104	2,921	5,241	8,162	11,975	2,997	4,594	7,581	12,175	
24	Telangana	3,344	1,084	494	2,655	3,149	416	122	38	359	397	3,197	655	403	2,465	2,868	
25	Tripura	260	121	243	3	246	81	24	76	0	76	124	43	96	1	97	
26	Uttarakhand	374	181	229	58	287	73	42	61	7	68	408	181	337	96	433	
27	Uttar Pradesh	8,227	4,368	3,742	1,925	5,667	4,429	2,289	2,162	1,159	3,321	6,937	3,618	3,210	1,708	4,918	
28	West Bengal	4,305	1,939	3,193	564	3,757	293	159	229	48	277	2,080	844	1,597	257	1,854	
29	A & N Islands	57	10	21	27	48	26	4	11	13	24	44	4	21	30	51	
30	Chandigarh	18	5	1	9	10	12	1	1	12	13	6	4	0	2	2	
31	D & N Haveli	68	36	45	31	76	23	8	13	23	36	57	23	32	21	53	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	657	152	101	625	726	413	135	40	289	329	708	184	18	621	639	
34	Jammu & Kashmir	1,313	121	274	680	954	131	19	164	92	256	1,236	86	340	1,012	1,352	
35	Ladakh	69	10	4	74	78	25	7	2	15	17	38	5	10	26	36	
36	Lakshadweep	3	2	2	0	2	0	0	0	0	0	0	0	0	0	0	
37	Puducherry	173	25	105	76	181	28	5	15	12	27	882	139	456	504	960	
Total		86,292	29,950	36,286	42,620	78,906	29,384	10,223	13,120	15,332	28,452	66,125	19,950	28,054	33,281	61,335	

NA: Not Available; Note: Data of Daman & Diu is included in Daura & Nagar Haveli from 2020 onwards

Accidents classified according to Road Environment during the calendar year 2022

S. No	States/UTs	Open Area			Persons Injured			Others			
		Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured
1	2	18	19	20	21	22	23	24	25	26	27
1	Andhra Pradesh	11,665	5,064	2,873	9,424	12,297	1,116	382	499	501	1,000
2	Arunachal Pradesh	105	70	61	18	79	19	15	12	3	15
3	Assam	2,220	1,045	1,526	144	1,670	673	302	446	64	510
4	Bihar	6,093	5,171	3,703	85	3,788	183	153	129	1	130
5	Chhattisgarh	7,409	3,606	959	5,500	6,459	717	362	121	480	601
6	Goa	1,229	120	116	314	430	0	0	0	0	0
7	Gujarat	8,626	4,804	4,915	3,773	8,688	171	41	62	46	108
8	Haryana	4,323	2,195	776	2,379	3,155	2,622	1,289	371	1,954	2,325
9	Himachal Pradesh	1,719	760	798	2,177	2,975	88	40	42	89	131
10	Jharkhand	2,534	2,037	1,569	363	1,932	485	384	191	42	233
11	Karnataka	25,720	8,324	14,239	17,514	31,753	1,871	495	1,054	1,303	2,357
12	Kerala	10,250	1,089	8,082	3,606	11,688	22,063	2,203	17,472	7,223	24,695
13	Madhya Pradesh	25,689	7,665	3,354	22,325	25,679	8,994	1,841	1,341	8,866	10,207
14	Maharashtra	18,877	9,844	11,055	4,033	15,088	250	148	63	108	171
15	Manipur	187	58	68	208	276	3	0	0	8	8
16	Meghalaya	87	55	77	36	113	31	23	18	7	25
17	Mizoram	61	68	25	38	63	4	3	2	1	3
18	Nagaland	89	33	45	75	120	1	1	0	1	1
19	Odisha	6,231	3,016	3,098	2,417	5,515	1,144	560	635	275	910
20	Punjab	3,331	2,647	1,197	432	1,629	621	509	189	106	295
21	Rajasthan	14,789	7,704	4,335	9,890	14,225	1,977	899	640	995	1,635
22	Sikkim	89	38	57	89	146	26	35	24	24	48
23	Tamil Nadu	32,087	9,650	11,105	23,700	34,805	401	133	128	287	415
24	Telangana	9,325	4,124	2,073	6,799	8,872	5,337	1,574	429	4,494	4,923
25	Tripura	110	53	107	15	122	0	0	0	0	0
26	Uttarakhand	810	636	584	230	814	9	2	7	4	11
27	Uttar Pradesh	16,346	9,351	6,490	3,905	10,395	5,807	2,969	2,580	1,660	4,240
28	West Bengal	5,236	2,408	4,348	905	5,253	1,772	652	1,348	354	1,702
29	A & N Islands	14	1	7	6	13	0	0	0	0	0
30	Chandigarh	201	73	16	162	178	0	0	0	0	0
31	D & N Haveli	48	23	55	53	108	0	0	0	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	2,291	624	43	1,880	1,923	1,583	366	36	1,548	1,584
34	Jammu & Kashmir	1,988	385	1,420	1,996	3,416	1,424	194	1,129	1,265	2,394
35	Ladakh	161	23	9	146	155	81	17	4	56	60
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0
37	Puducherry	48	8	30	26	56	50	4	27	31	58
	Total	2,19,988	92,772	89,215	1,24,663	2,13,878	59,523	28,999	31,796	60,795	

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents classified according to Road Features during the calendar year 2022

S. No	State/UT	Straight Road					Curved Road				
		Number of Accidents	Persons Killed	Persons Injured			Number of Accidents	Persons Killed	Persons Injured		
				Grievously Injured	Minor Injury	Total Injured			Grievously Injured	Minor Injury	Total Injured
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	16,441	6,421	4,060	12,292	16,352	2,437	984	788	1,803	2,591
2	Arunachal Pradesh	19	10	11	2	13	89	48	42	9	51
3	Assam	2,882	1,329	1,880	276	2,156	1,109	462	877	102	979
4	Bihar	6,621	5,490	4,299	114	4,413	1,936	1,543	1,189	33	1,222
5	Chhattisgarh	9,098	3,807	1,289	6,638	7,927	1,516	744	207	1,281	1,488
6	Goa	2,569	235	239	694	933	430	33	28	124	152
7	Gujarat	13,110	6,265	7,082	4,887	11,969	1,561	774	1,009	904	1,913
8	Haryana	4,048	1,987	487	2,838	3,325	678	283	87	396	483
9	Himachal Pradesh	1,621	589	753	1,431	2,184	597	288	349	930	1,279
10	Jharkhand	2,962	2,242	1,672	321	1,993	1,032	765	643	232	875
11	Karnataka	29,541	9,026	16,680	18,601	35,281	5,870	1,579	3,359	4,234	7,593
12	Kerala	26,556	2,554	20,847	9,019	29,866	5,510	558	4,435	2,161	6,596
13	Madhya Pradesh	31,064	7,743	3,441	27,605	31,046	6,515	1,916	977	5,704	6,681
14	Maharashtra	29,112	13,130	16,764	6,527	23,291	2,751	1,376	1,893	828	2,721
15	Manipur	359	81	140	438	578	109	21	39	115	154
16	Meghalaya	133	86	87	61	148	75	47	67	28	95
17	Mizoram	47	34	20	23	43	77	70	25	25	50
18	Nagaland	289	40	36	118	154	130	20	14	81	95
19	Odisha	6,425	3,064	3,156	2,006	5,162	1,993	903	1,020	853	1,873
20	Punjab	3,672	2,794	1,442	559	2,001	765	579	250	181	431
21	Rajasthan	17,494	8,354	4,435	12,226	16,661	1,345	571	399	890	1,289
22	Sikkim	78	19	91	84	175	68	52	40	92	132
23	Tamil Nadu	55,004	15,160	19,639	38,437	58,076	6,653	1,953	2,346	4,717	7,063
24	Telangana	15,927	5,689	2,791	11,981	14,772	1,647	632	219	1,484	1,703
25	Tripura	333	138	290	18	308	214	95	202	1	203
26	Uttarakhand	1,276	807	825	241	1,066	359	205	365	138	503
27	Uttar Pradesh	14,946	8,241	6,460	3,498	9,958	5,875	3,157	2,560	1,410	3,970
28	West Bengal	10,956	4,948	8,673	1,562	10,235	1,463	651	1,154	279	1,433
29	A & N Islands	79	11	32	43	75	60	8	27	33	60
30	Chandigarh	236	82	18	185	203	0	0	0	0	0
31	D & N Haveli	102	48	63	53	116	66	26	60	72	132
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	3,175	936	32	2,751	2,783	565	128	9	561	570
34	Jammu & Kashmir	1,809	265	560	2,492	3,052	1,036	91	335	1,088	1,423
35	Ladakh	142	20	14	143	157	41	10	6	32	38
36	Lakshadweep	3	2	2	0	2	0	0	0	0	0
37	Puducherry	1,118	168	597	623	1,220	21	1	11	14	25
Total		3,09,247	1,11,815	1,28,907	1,68,787	2,97,694	54,593	20,573	25,031	30,835	55,866

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

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Accidents classified according to Road Features during the calendar year 2022

S. No	State/UT	Bridge					Culvert				
		Number of Accidents	Persons Killed	Persons Injured			Number of Accidents	Persons Killed	Persons Injured		
				Grievously Injured	Minor Injury	Total Injured			Grievously Injured	Minor Injury	Total Injured
1	2	13	14	15	16	17	18	19	20	21	22
1	Andhra Pradesh	702	277	208	541	749	398	179	168	226	394
2	Arunachal Pradesh	23	18	16	4	20	14	8	19	6	25
3	Assam	604	246	481	18	499	448	171	378	20	398
4	Bihar	528	443	348	4	352	661	560	386	10	396
5	Chhattisgarh	417	190	51	292	343	460	250	54	351	405
6	Goa	10	3	1	4	5	0	0	0	0	0
7	Gujarat	556	312	336	257	593	143	86	81	86	167
8	Haryana	393	195	49	241	290	233	86	23	175	198
9	Himachal Pradesh	24	14	2	25	27	33	31	0	5	5
10	Jharkhand	161	128	122	24	146	54	36	33	8	41
11	Karnataka	1,326	424	808	902	1,710	139	25	69	29	98
12	Kerala	306	38	241	118	359	43	3	35	17	52
13	Madhya Pradesh	1,555	398	232	1,278	1,510	1,281	293	217	1,272	1,489
14	Maharashtra	830	419	547	170	717	212	88	110	50	160
15	Manipur	14	5	2	15	17	3	0	1	2	3
16	Meghalaya	3	2	1	4	5	2	2	1	1	2
17	Mizoram	3	4	1	1	2	0	0	0	0	0
18	Nagaland	7	2	1	0	1	23	3	4	12	16
19	Odisha	638	312	394	253	647	322	134	198	108	306
20	Punjab	396	286	218	67	285	108	91	43	17	60
21	Rajasthan	324	148	76	176	252	102	37	27	67	94
22	Sikkim	9	2	3	1	4	11	1	2	2	4
23	Tamil Nadu	1,565	515	481	1,265	1,746	83	27	36	50	86
24	Telangana	300	120	55	239	294	145	57	26	111	137
25	Tripura	26	7	28	0	28	0	0	0	0	0
26	Uttarakhand	24	19	10	6	16	1	0	1	0	1
27	Uttar Pradesh	2,767	1,522	1,153	707	1,860	2,307	1,245	1,038	591	1,629
28	West Bengal	227	96	191	31	222	81	48	61	9	70
29	A & N Islands	0	0	0	0	0	1	0	0	0	0
30	Chandigarh	0	0	0	0	0	0	0	0	0	0
31	D & N Haveli	7	6	7	1	8	0	0	0	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	236	72	13	201	214	39	5	4	38	42
34	Jammu & Kashmir	89	24	35	68	103	5	0	0	2	2
35	Ladakh	1	0	0	2	2	32	7	3	26	29
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0
37	Puducherry	40	11	24	12	36	0	0	0	0	0
Total		14,111	6,258	6,135	6,927	13,062	7,384	3,473	3,018	3,291	6,309

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

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Accidents classified according to Road Features during the calendar year 2022

S. No	State/UT	Pot Holes					Steep Grade				
		Number of Accidents	Persons Killed	Persons Injured			Number of Accidents	Persons Killed	Persons Injured		
				Grievously Injured	Minor Injury	Total Injured			Grievously Injured	Minor Injury	Total Injured
1	2	23	24	25	26	27	28	29	30	31	32
1	Andhra Pradesh	0	0	0	0	0	21	10	2	26	28
2	Arunachal Pradesh	20	15	15	7	22	19	14	11	5	16
3	Assam	319	117	275	26	301	183	80	139	8	147
4	Bihar	0	0	0	0	0	199	171	156	4	160
5	Chhattisgarh	40	7	0	45	45	61	34	11	49	60
6	Goa	0	0	0	0	0	2	0	0	1	1
7	Gujarat	0	0	0	0	0	96	69	62	34	96
8	Haryana	130	47	5	131	136	133	35	9	47	56
9	Himachal Pradesh	2	2	0	2	2	90	36	62	152	214
10	Jharkhand	56	34	19	14	33	63	55	30	8	38
11	Karnataka	55	19	36	20	56	505	113	194	407	601
12	Kerala	25	1	19	11	30	21	5	13	14	27
13	Madhya Pradesh	759	199	90	718	808	804	287	76	730	806
14	Maharashtra	4	4	1	0	1	222	93	127	68	195
15	Manipur	5	3	0	8	8	9	13	42	4	46
16	Meghalaya	1	0	1	0	1	7	6	13	0	13
17	Mizoram	2	2	1	1	2	3	2	2	8	10
18	Nagaland	12	1	5	3	8	1	1	0	0	0
19	Odisha	158	69	106	35	141	106	47	73	34	107
20	Punjab	84	60	37	9	46	100	80	36	6	42
21	Rajasthan	98	51	36	61	97	8	6	0	24	24
22	Sikkim	1	0	1	1	2	16	9	4	8	12
23	Tamil Nadu	446	107	109	252	361	65	16	19	87	106
24	Telangana	153	40	12	117	129	78	21	6	85	91
25	Tripura	1	1	1	0	1	1	0	1	0	1
26	Uttarakhand	0	0	0	0	0	2	1	2	0	2
27	Uttar Pradesh	1,986	1,030	905	516	1,421	1,612	836	789	362	1,151
28	West Bengal	44	34	25	21	46	31	11	23	2	25
29	A & N Islands	0	0	0	0	0	1	0	1	0	1
30	Chandigarh	1	1	0	0	0	0	0	0	0	0
31	D & N Haveli	7	4	3	0	3	3	0	3	0	3
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	28	7	2	22	24	8	0	2	5	7
34	Jammu & Kashmir	7	0	0	9	9	5	5	2	1	3
35	Ladakh	0	0	0	0	0	0	0	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0
37	Puducherry	2	1	1	0	1	0	0	0	0	0
Total		4,446	1,856	1,705	2,029	3,734	4,475	2,056	1,910	2,179	4,089

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

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Accidents classified according to Road Features during the calendar year 2022

S. No	State/UT	Ongoing Road Works/Under Construction					Others				
		Number of Accidents	Persons Killed	Persons Injured			Number of Accidents	Persons Killed	Persons Injured		
				Grievously Injured	Minor Injury	Total Injured			Grievously Injured	Minor Injury	Total Injured
1	2	33	34	35	36	37	38	39	40	41	42
1	Andhra Pradesh	256	111	116	162	278	994	311	452	496	948
2	Arunachal Pradesh	17	13	10	5	15	26	22	18	6	24
3	Assam	456	185	323	22	345	1,022	404	698	114	812
4	Bihar	199	172	156	12	168	657	519	342	15	357
5	Chhattisgarh	246	96	9	158	167	1,441	706	203	1,057	1,260
6	Goa	0	0	0	0	0	0	0	0	0	0
7	Gujarat	150	68	115	65	180	135	44	97	74	171
8	Haryana	216	94	54	198	252	4,598	2,188	963	2,816	3,779
9	Himachal Pradesh	219	70	95	230	325	11	2	2	25	27
10	Jharkhand	145	96	68	16	84	702	542	419	118	537
11	Karnataka	230	32	112	163	275	2,096	484	1,459	1,081	2,540
12	Kerala	305	38	236	110	346	11,144	1,120	8,812	3,219	12,031
13	Madhya Pradesh	1,091	253	120	1,113	1,233	11,363	2,338	1,795	9,800	11,595
14	Maharashtra	213	108	78	46	124	39	6	20	10	30
15	Manipur	2	2	1	0	1	7	2	10	0	10
16	Meghalaya	0	0	0	0	0	25	19	41	5	46
17	Mizoram	1	1	0	0	0	0	0	0	0	0
18	Nagaland	3	4	6	10	16	24	2	0	1	1
19	Odisha	484	210	288	176	464	1,537	728	921	681	1,602
20	Punjab	192	165	80	26	106	821	701	239	114	353
21	Rajasthan	377	166	238	143	381	3,866	1,771	1,460	2,035	3,495
22	Sikkim	10	2	5	4	9	18	7	9	7	16
23	Tamil Nadu	84	35	20	55	75	205	71	82	108	190
24	Telangana	215	51	23	148	171	3,154	949	305	2,607	2,912
25	Tripura	0	0	0	0	0	0	0	0	0	0
26	Uttarakhand	0	0	0	0	0	12	10	15	10	25
27	Uttar Pradesh	3,368	1,819	1,406	902	2,308	8,885	4,745	3,873	2,371	6,244
28	West Bengal	407	214	321	39	360	477	0	267	185	452
29	A & N Islands	0	0	0	0	0	0	0	0	0	0
30	Chandigarh	0	0	0	0	0	0	0	0	0	0
31	D & N Haveli	11	6	9	2	11	0	0	0	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	140	23	27	117	144	1,461	290	149	1,268	1,417
34	Jammu & Kashmir	83	7	0	40	40	3,058	413	2,395	1,345	3,740
35	Ladakh	91	13	2	75	77	67	12	4	39	43
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	0	0	0	0	0	0	0	0
Total		9,211	4,054	3,918	4,037	7,955	57,845	18,406	25,050	29,607	54,657

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Type of Junctions during the calendar year 2022

S. No	States/UTs	T-Junction						Y-Junction						Four arm Junction					
		Total number of Accidents		Persons Killed		Persons Injured		Total number of Accidents		Persons Killed		Persons Injured		Total number of Accidents		Persons Killed		Persons Injured	
		Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
1	Andhra Pradesh	2,332	7	5	6	7	728	7	805	1,346	2,151	8	10	876	290	12	11	15	14
2	Arunchal Pradesh	26	27	16	23	12	3	15	26	13	276	534	810	1,018	13	12	15	14	18
3	Assam	585	15	232	14	450	55	505	422	152	311	26	337	373	11	325	425	314	122
4	Bihar	1,110	10	882	5	526	23	549	594	489	104	11	325	333	11	325	425	314	122
5	Chhattisgarh	1,466	8	590	8	139	984	1,123	399	156	48	425	473	925	229	81	229	314	122
6	Goa	91	22	6	28	6	53	53	36	1	3	12	15	108	2	8	15	14	18
7	Gujarat	896	13	393	12	521	273	794	404	216	212	119	331	904	408	11	325	425	314
8	Haryana	431	16	211	16	48	300	348	299	141	31	253	284	511	200	11	325	425	314
9	Himachal Pradesh	66	24	26	22	45	62	107	27	7	21	24	45	15	2	12	11	11	23
10	Jharkhand	319	18	220	15	170	12	182	170	110	91	6	97	120	71	78	6	84	10
11	Karnataka	3,438	5	819	6	1,880	1,868	3,748	1,684	452	888	980	1,868	2,004	366	1,096	978	1,096	978
12	Kerala	6,149	1	536	10	4,916	1,895	6,811	1,933	160	1,526	605	2,131	1,979	153	1,579	673	1,579	673
13	Madhya Pradesh	5,960	2	1,181	3	833	5,041	5,874	2,660	583	305	2,307	2,612	3,260	548	328	2,654	3,260	548
14	Maharashtra	1,300	9	550	9	726	297	1,023	781	366	491	160	651	899	340	583	165	748	15
15	Manipur	35	25	11	26	10	29	39	21	6	10	15	25	25	5	7	35	42	16
16	Meghalaya	7	30	3	29	6	0	6	1	1	0	0	0	0	0	0	0	0	0
17	Mizoram	7	30	3	29	3	2	5	3	2	3	0	3	0	0	0	0	0	0
18	Nagaland	33	26	8	27	6	11	17	10	0	3	5	8	9	0	2	4	6	
19	Odisha	898	12	376	13	452	305	757	577	229	284	197	481	600	255	327	154	481	20
20	Punjab	258	19	183	17	80	41	121	143	108	43	5	48	196	138	62	21	83	
21	Rajasthan	1,088	11	424	11	268	677	945	393	147	92	258	350	543	202	141	325	466	21
22	Sikkim	22	28	3	29	31	4	35	9	6	3	20	23	1	1	0	0	0	
23	Tamil Nadu	5,421	3	1,437	2	2,043	3,529	5,572	1,356	357	529	983	1,512	1,210	297	477	723	1,200	24
24	Telangana	2,542	6	891	4	237	2,118	2,355	784	222	79	645	724	915	200	123	720	843	
25	Tripura	7	30	0	33	8	0	8	5	2	5	0	5	0	0	0	0	0	
26	Uttarakhand	20	29	12	25	15	4	19	15	11	8	3	11	58	25	31	18	49	
27	Uttar Pradesh	3,830	4	2,022	1	1,567	933	2,500	2,487	1,305	1,040	624	1,664	2,565	1,306	1,058	671	1,729	
28	West Bengal	790	14	129	18	522	234	756	199	45	144	44	188	513	103	360	114	474	
29	A & N Islands	4	33	1	32	3	1	4	3	0	2	0	2	1	1	0	1	1	
30	Chandigarh	0	34	0	33	0	0	0	0	0	0	0	0	31	10	3	28	31	
31	D & N Haveli	98	21	42	20	73	70	143	31	16	34	21	55	11	2	9	2	11	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	397	17	116	19	27	324	351	268	70	23	201	224	530	137	56	405	461	
34	Jammu & Kashmir	170	20	37	21	83	93	176	80	13	35	69	104	65	21	59	23	82	
35	Ladakh	0	34	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	
36	Lakshadweep	0	34	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	
37	Puducherry	75	23	13	24	27	55	82	8	1	2	6	8	66	9	19	52	71	
Total		39,871	12,101	16,538	20,636	37,174	16,704	5,677	6,871	5,432	19,898	5,772	8,123	9,505	17,628				

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

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Accidents Classified according to Type of Junctions during the calendar year 2022

S. No	States/UTs	Staggered Junction						Round about Junction					
		Persons Injured			Persons Injured			Persons Killed			Persons Injured		
		Total number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Total number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured		
1	2	20	21	22	23	24	25	26	27	28	29		
1	Andhra Pradesh	1,799	664	573	1,262	1,835	832	296	352	370	722		
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	
3	Assam	95	27	86	6	92	162	74	113	8	121		
4	Bihar	200	162	139	3	142	135	115	59	4	63		
5	Chhattisgarh	243	79	21	211	232	224	120	26	127	153		
6	Goa	1	0	0	0	0	63	5	6	8	14		
7	Gujarat	455	258	281	117	398	228	84	147	89	236		
8	Haryana	119	51	41	60	101	137	64	33	63	96		
9	Himachal Pradesh	7	2	3	2	5	2	0	1	0	1		
10	Jharkhand	184	141	89	22	111	403	321	215	65	280		
11	Karnataka	1,619	458	857	846	1,703	2,766	739	1,208	2,008	3,216		
12	Kerala	934	91	728	352	1,080	275	22	218	149	367		
13	Madhya Pradesh	1,286	418	203	1,040	1,243	1,027	236	148	771	919		
14	Maharashtra	429	205	229	57	286	229	72	143	39	182		
15	Manipur	9	2	2	7	9	11	0	8	9	17		
16	Meghalaya	0	0	0	0	0	0	0	0	0	0		
17	Mizoram	9	0	1	5	6	1	17	0	1	1		
18	Nagaland	2	0	2	25	27	1	1	0	0	0		
19	Odisha	460	215	229	79	308	306	114	160	92	252		
20	Punjab	266	204	73	12	85	151	95	44	14	58		
21	Rajasthan	905	483	122	771	893	498	163	136	253	389		
22	Sikkim	3	0	1	2	3	12	5	6	12	18		
23	Tamil Nadu	808	188	231	492	723	185	39	67	109	176		
24	Telangana	2,633	502	282	2,258	2,540	1,237	453	114	997	1,111		
25	Tripura	0	0	0	0	0	0	0	0	0	0		
26	Uttarakhand	3	0	1	2	3	2	0	2	1	3		
27	Uttar Pradesh	2,175	1,194	761	618	1,379	1,664	835	679	485	1,164		
28	West Bengal	84	8	43	29	72	104	16	62	18	80		
29	A & N Islands	0	0	0	0	0	0	0	0	0	0		
30	Chandigarh	5	3	0	4	4	14	0	2	9	11		
31	D & N Haveli	11	4	10	12	22	1	1	3	1	4		
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
33	Delhi	241	56	17	190	207	310	81	55	207	262		
34	Jammu & Kashmir	14	0	17	4	21	413	81	691	9	700		
35	Ladakh	0	0	0	0	0	0	0	0	0	0		
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0		
37	Puducherry	3	0	1	2	3	17	2	4	16	20		
	Total	15,002	5,415	5,043	8,490	13,533	11,410	4,051	4,702	5,934	10,636		

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Type of Traffic Control during the calendar year 2022

S. No	States/UTs	Traffic Light Signal						Police Controlled						Stop Sign			
		Persons Injured			Persons Injured			Persons Injured			Persons Injured			Persons Killed		Persons Injured	
		Total number of Accidents	Persons Killed	Grievously Injured	Total Injured	Persons Killed	Grievously Injured	Total Injured	Persons Killed	Grievously Injured	Total Injured	Persons Killed	Grievously Injured	Total Injured	Persons Killed	Grievously Injured	Total Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Andhra Pradesh	594	165	246	229	475	995	224	307	482	789	311	92	130	150	150	280
2	Arunachal Pradesh	0	0	0	0	0	0	23	15	16	3	19	10	4	2	6	6
3	Assam	601	234	460	55	515	406	150	301	26	327	356	120	240	16	240	256
4	Bihar	6	4	13	1	14	192	177	111	9	120	94	87	65	1	65	66
5	Chhattisgarh	328	66	22	196	218	463	134	23	223	246	68	21	12	54	54	66
6	Goa	23	0	1	1	2	4	0	0	0	0	0	0	0	0	0	0
7	Gujarat	193	53	115	41	156	229	108	108	82	190	44	12	30	10	40	40
8	Haryana	91	43	9	62	71	27	5	2	28	30	18	7	6	12	18	18
9	Himachal Pradesh	15	5	14	3	17	10	5	9	6	15	12	3	8	4	12	12
10	Jharkhand	60	28	44	1	45	74	41	49	4	53	61	38	48	2	50	50
11	Karnataka	757	116	486	219	705	558	103	354	267	621	161	27	74	81	81	155
12	Kerala	718	60	550	222	772	1,442	113	1,149	452	1,601	153	12	116	50	166	166
13	Madhya Pradesh	234	34	28	189	217	291	86	68	197	265	231	45	35	196	231	231
14	Maharashtra	79	12	51	32	83	67	19	51	15	66	198	74	74	31	31	262
15	Manipur	7	0	0	12	12	31	8	3	30	33	5	0	0	6	6	6
16	Meghalaya	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0
17	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Nagaland	0	0	0	0	0	0	14	2	1	6	7	0	0	0	0	0
19	Odisha	303	135	145	92	237	284	95	143	97	240	285	119	159	94	253	253
20	Punjab	182	106	71	23	94	191	146	49	10	59	113	82	28	13	41	41
21	Rajasthan	141	30	52	81	133	82	22	39	33	72	40	14	3	25	28	28
22	Sikkim	0	0	0	0	0	0	2	1	1	4	5	3	1	2	0	2
23	Tamil Nadu	2,565	585	962	1,585	2,547	1,329	284	495	775	1,270	1,304	398	376	948	1,324	1,324
24	Telangana	734	122	70	589	659	640	87	91	495	586	186	38	30	173	203	203
25	Tripura	0	0	0	0	0	0	0	7	1	8	0	8	0	0	0	0
26	Uttarakhand	17	6	9	11	20	30	7	18	9	27	1	1	0	0	0	0
27	Uttar Pradesh	417	203	157	149	306	970	475	366	293	659	1,079	549	418	314	314	314
28	West Bengal	974	87	619	303	922	251	68	177	45	222	49	18	31	6	37	37
29	A & N Islands	0	0	0	0	0	0	4	1	3	0	3	0	0	0	0	0
30	Chandigarh	44	13	3	39	42	0	0	0	0	0	0	0	0	0	0	0
31	D & N Haveli	10	4	6	2	8	2	2	1	2	3	29	14	17	19	19	36
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	488	94	56	396	452	119	31	7	92	99	183	41	43	131	174	174
34	Jammu & Kashmir	135	29	73	91	164	65	11	29	67	96	57	19	45	21	66	66
35	Ladakh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	30	4	5	22	27	1	0	0	1	1	0	0	0	0	0	0
	Total	9,746	2,238	4,267	4,646	8,913	8,804	2,421	3,980	3,753	7,733	5,060	1,842	2,151	2,359	4,510	

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

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Accidents Classified according to Type of Traffic Control during the calendar year 2022

Annexure 24 Concl...

S. No	States/UTs	Flashing Signal/Blinker						Uncontrolled					
		Persons Injured			Total number of Accidents			Persons Killed			Persons injured		
		Total number of Accidents	Persons Killed	Grievously Injured	Total Injured	Minor Injury	Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured
1	2	18	19	20	21	22	23	24	25	26	27	28	29
1	Andhra Pradesh	333	101	143	193	336	4,624	6	1,672	6	1,489	3,042	4,531
2	Arunachal Pradesh	17	10	7	2	9	10	30	4	30	5	1	6
3	Assam	112	29	92	6	98	162	21	74	20	113	8	121
4	Bihar	13	10	9	1	10	2,159	11	1,703	5	1,099	39	1,138
5	Chhattisgarh	308	137	24	174	198	2,090	12	816	10	234	1,693	1,927
6	Goa	0	0	0	0	0	0	272	20	14	27	22	81
7	Gujarat	30	15	14	10	24	2,391	10	1,171	9	1,450	738	2,188
8	Haryana	68	34	8	49	57	1,293	14	578	15	376	745	1,121
9	Himachal Pradesh	3	0	2	2	4	77	23	24	23	49	84	133
10	Jharkhand	122	48	63	7	70	879	15	708	14	439	97	536
11	Karnataka	214	42	105	137	242	9,821	2	2,546	3	4,910	5,976	10,886
12	Kerala	367	43	292	125	417	8,590	4	734	12	6,860	2,825	9,685
13	Madhya Pradesh	241	34	30	215	245	13,196	1	2,767	2	1,656	11,016	12,672
14	Maharashtra	134	48	91	20	111	3,160	7	1,380	7	1,748	620	2,368
15	Manipur	0	0	0	0	0	0	58	25	16	26	34	47
16	Meghalaya	1	1	0	0	0	0	6	31	3	5	0	5
17	Mizoram	0	0	0	0	0	0	20	29	22	24	7	15
18	Nagaland	0	0	0	0	0	0	41	26	7	29	12	39
19	Odisha	172	71	36	107	1,797	13	769	11	934	508	1,442	
20	Punjab	139	98	51	6	57	389	18	296	16	103	41	144
21	Rajasthan	17	8	1	16	17	3,147	8	1,345	8	664	2,129	2,793
22	Sikkim	7	1	4	1	5	35	28	12	28	34	33	67
23	Tamil Nadu	1,205	336	465	811	1,276	2,577	9	715	13	1,049	1,717	2,766
24	Telangana	236	40	21	196	217	6,315	5	1,981	4	623	5,285	5,908
25	Tripara	0	0	0	0	0	0	5	32	1	32	5	5
26	Uttarakhand	11	9	9	0	9	39	27	25	22	21	8	29
27	Uttar Pradesh	808	435	335	232	567	9,447	3	5,000	1	3,829	2,343	6,172
28	West Bengal	45	25	34	7	41	3,711	19	103	18	270	78	348
29	A & N Islands	0	0	0	0	0	0	5	32	1	32	3	4
30	Chandigarh	6	0	2	2	4	0	34	0	34	0	0	0
31	D & N Haveli	51	18	38	16	54	60	24	27	21	67	67	134
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	252	65	24	192	216	704	16	229	17	48	516	564
34	Jammu & Kashmir	12	0	11	8	19	473	17	93	19	727	11	738
35	Ladakh	0	0	0	0	0	0	0	0	0	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	34	0	0	0	0
37	Puducherry	3	0	0	4	4	135	22	21	25	48	104	152
	Total	4,927	1,658	1,946	2,468	4,414	74,348	24,857	28,933	39,900	68,833		

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Type of Weather Condition during the calendar year 2022

S. No	States/UTs	Sunny/Clear						Rainy						Foggy & Misty				
		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		
		Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Injured	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Andhra Pradesh	16,246	9	6,295	8	4,068	12,445	16,513	1,102	438	394	682	1,076	1,656	661	605	1,037	1,642
2	Arunachal Pradesh	122	33	77	29	66	25	91	37	22	25	13	38	39	30	35	5	40
3	Assam	3,322	18	1,462	18	2,306	2,566	1,399	582	980	90	1,070	1,202	464	896	144	1,040	
4	Bihar	6,244	14	5,213	10	3,981	102	4,083	2,041	1,644	1,275	43	1,318	2,275	1,842	1,449	44	1,493
5	Chhattisgarh	9,993	11	4,303	11	1,339	7,445	8,784	1,450	615	206	974	1,180	480	227	54	416	470
6	Goa	2,802	21	256	23	254	768	1,022	209	15	14	55	69	0	0	0	0	
7	Gujarat	13,462	10	6,509	7	7,326	5,418	12,744	1,280	556	760	611	1,371	451	259	326	158	484
8	Haryana	6,239	15	3,103	13	977	3,827	4,804	649	318	139	486	625	838	422	183	702	885
9	Himachal Pradesh	2,314	22	899	20	1,125	2,533	3,658	125	46	71	146	217	50	26	30	56	
10	Jharkhand	2,941	20	2,180	17	1,701	335	2,036	656	507	447	102	549	597	487	349	161	510
11	Karnataka	32,822	4	9,697	4	18,614	20,859	39,473	4,362	1,248	2,529	3,192	5,721	2,578	757	1,574	1,386	2,960
12	Kerala	36,279	2	3,253	12	28,705	12,054	40,759	4,460	599	3,470	1,579	5,049	3,107	458	2,412	1,018	3,430
13	Madhya Pradesh	35,796	3	8,550	6	4,173	29,946	34,119	5,405	1,459	720	4,753	5,473	4,474	1,177	653	3,555	4,208
14	Maharashtra	30,761	5	13,982	2	18,032	7,156	25,188	1,845	860	1,016	408	1,424	560	308	344	111	455
15	Manipur	273	26	67	30	143	329	472	114	23	30	130	160	90	26	44	99	143
16	Meghalaya	140	30	87	26	130	31	161	18	15	14	7	21	19	15	29	58	
17	Mizoram	88	35	86	27	28	39	67	34	19	18	14	32	8	5	3	4	7
18	Nagaland	244	27	18	35	20	35	55	129	27	18	135	153	91	13	22	50	72
19	Odisha	6,506	13	3,097	14	3,362	2,404	5,766	1,699	783	931	627	1,558	1,632	731	898	505	1,403
20	Punjab	3,295	19	2,472	16	1,355	488	1,843	474	371	195	89	284	872	712	350	166	516
21	Rajasthan	19,936	7	9,481	5	5,094	13,892	18,986	464	196	170	243	413	589	245	248	334	582
22	Sikkim	125	31	54	31	96	139	235	33	9	22	37	59	29	14	20	3	23
23	Tamil Nadu	58,480	1	16,294	1	20,642	41,510	62,152	2,272	558	832	1,425	2,257	3,353	1,032	1,258	2,036	3,294
24	Telangana	16,445	8	5,884	9	2,602	12,797	15,399	314	116	32	210	242	555	228	129	464	593
25	Tripura	465	25	189	24	420	17	437	75	34	74	1	75	35	18	28	1	29
26	Uttarakhand	1,423	23	917	19	1,069	319	1,388	166	76	97	52	149	71	31	44	19	63
27	Uttar Pradesh	19,976	6	10,766	3	8,624	4,505	13,129	6,078	3,350	2,703	1,632	4,335	7,183	3,920	2,894	1,946	4,840
28	West Bengal	6,865	12	2,708	15	5,431	1,220	6,651	414	120	367	70	437	512	258	430	50	480
29	A & N Islands	124	32	19	34	51	65	116	17	0	9	11	20	0	0	0	0	0
30	Chandigarh	219	28	78	28	16	173	189	13	3	2	7	9	5	2	0	5	5
31	D & N Haveli	93	34	54	31	57	41	98	53	15	58	69	127	39	16	26	14	40
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	3,433	17	889	21	117	2,789	2,906	512	107	27	593	620	132	29	434	463	
34	Jammu & Kashmir	3,929	16	474	22	2,501	2,955	5,456	363	32	159	605	764	1,08	24	119	117	236
35	Ladakh	216	29	34	33	15	210	225	56	9	4	41	45	19	1	3	15	18
36	Lakshadweep	1	36	0	36	1	0	1	0	0	0	0	0	0	0	0	0	0
37	Puducherry	887	24	138	25	509	505	1,014	11	1	7	3	10	283	42	117	141	258
	Total	3,42,516	1,19,585	1,44,950	1,87,636	3,32,586	38,329	14,773	17,815	19,135	36,650	34,262	14,583	15,597	15,199	30,76		

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N4: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Type of Weather Condition during the calendar year 2022

S. No	States/UTs	Hail/Sleet						Others					
		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Persons Injured	
				Grievously Injured	Minor Injury	Total Injured				Grievously Injured	Minor Injury	Total Injured	
1	2	20	21	22	23	24	25	26	27	28	29		
1	Andhra Pradesh	49	13	13	30	43	2,196	886	714	1,352	2,066		
2	Arunachal Pradesh	29	19	16	1	17	0	0	0	0	0		
3	Assam	334	141	294	20	314	766	345	575	72	647		
4	Bihar	20	17	12	0	12	221	182	159	3	162		
5	Chhattisgarh	21	20	4	9	13	1,335	669	221	1,027	1,248		
6	Goa	0	0	0	0	0	0	0	0	0	0		
7	Gujarat	24	15	13	4	17	534	279	357	116	473		
8	Haryana	75	31	7	74	81	2,628	1,041	371	1,753	2,124		
9	Himachal Pradesh	3	2	0	7	7	105	59	41	84	125		
10	Jharkhand	72	55	54	3	57	909	669	455	140	595		
11	Karnataka	0	0	0	0	0	0	0	0	0	0		
12	Kerala	64	7	51	18	69	0	0	0	0	0		
13	Madhya Pradesh	678	193	114	680	794	8,079	2,048	1,288	9,286	10,574		
14	Maharashtra	50	24	26	3	29	167	50	122	21	143		
15	Manipur	0	0	0	0	0	31	11	18	24	42		
16	Meghalaya	0	0	0	0	0	69	45	38	32	70		
17	Mizoram	0	0	0	0	0	3	3	0	1	1		
18	Nagaland	15	5	3	4	7	10	10	3	1	4		
19	Odisha	389	150	237	99	336	1,437	706	728	511	1,239		
20	Punjab	191	179	62	24	86	1,306	1,022	383	212	595		
21	Rajasthan	202	91	205	11	216	2,423	1,091	954	1,142	2,096		
22	Sikkim	0	0	0	0	0	24	15	17	20	37		
23	Tamil Nadu	0	0	0	0	0	0	0	0	0	0		
24	Telangana	139	26	18	102	120	4,166	1,305	656	3,199	3,855		
25	Tripura	0	0	0	0	0	0	0	0	0	0		
26	Uttarakhand	2	0	2	1	3	12	18	6	4	10		
27	Uttar Pradesh	1,642	845	735	533	1,268	6,867	3,714	3,228	1,741	4,969		
28	West Bengal	22	11	15	1	16	5,873	2,905	4,472	787	5,259		
29	A & N Islands	0	0	0	0	0	0	0	0	0	0		
30	Chandigarh	0	0	0	0	0	0	0	0	0	0		
31	D & N Haveli	0	0	0	0	0	0	11	5	4	8		
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
33	Delhi	0	0	0	0	0	1,245	333	65	1,147	1,212		
34	Jammu & Kashmir	28	21	16	73	89	1,654	254	532	1,295	1,827		
35	Ladakh	34	6	2	25	27	49	12	5	26	31		
36	Lakshadweep	0	0	0	0	0	2	2	1	0	1		
37	Puducherry	0	0	0	0	0	0	0	0	0	0		
	Total	4,983	1,871	1,899	1,722	3,621	42,122	17,679	15,413	24,000	39,413		

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents classified according to type of impacting vehicles/objects: 2022

S. No.	States/UTs	1. Pedestrian				2. Bicycle				3. Two Wheelers				4. Auto Rickshaws			
		Number of Road Accidents		Number of Persons		Number of Persons		Number of Persons		Number of Road Accidents		Number of Persons		Number of Road Accidents		Number of Persons	
		Killed	Grievously Injured	Minor Injured	Minor Injured	Killed	Grievously Injured	Minor Injured	Killed	Grievously Injured	Minor Injured	Killed	Grievously Injured	Minor Injured	Killed	Grievously Injured	Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	3,731	1,604	1,066	1,623	459	167	108	231	9,965	3,666	2,949	7,465	1,775	648	552	2,325
2	Arunachal Pradesh	8	7	9	5	0	0	0	0	68	45	36	10	13	5	9	5
3	Assam	1,389	506	735	109	442	308	384	72	2,039	871	1,369	146	435	261	465	31
4	Bihar	3,934	3,345	1,741	56	629	524	378	12	3,593	2,984	2,453	66	626	513	663	16
5	Chhattisgarh	1,734	741	250	947	446	172	63	268	7,594	3,856	1,118	5,699	140	46	31	168
6	Goa	144	51	37	46	12	2	1	4	1,186	179	208	608	13	0	0	0
7	Gujarat	2,949	1,568	1,165	552	326	161	128	67	7,066	3,381	4,119	2,568	886	379	688	553
8	Haryana	2,373	1,231	391	1,389	195	190	19	249	3,725	1,445	709	2,471	310	148	40	217
9	Himachal Pradesh	601	199	248	288	14	4	9	6	491	186	280	397	7	1	3	17
10	Jharkhand	625	479	263	24	159	102	100	15	2,392	1,885	1,408	342	287	204	240	91
11	Karnataka	6,856	2,105	3,482	2,244	328	83	165	196	17,933	5,686	11,140	9,909	1,676	397	1,054	1,536
12	Kerala(*)	4	1,130	7,241	1,936	11	91	861	230	17,792	2,424	22,037	7,995	4,161	225	1,691	1,377
13	Madhya Pradesh	7,064	1,672	753	5,426	935	137	113	868	25,633	6,357	3,468	23,940	2,538	363	302	2,379
14	Maharashtra	6,764	2,894	3,289	1,049	433	162	185	104	15,588	7,733	8,874	3,327	1,577	447	841	362
15	Manipur	89	32	24	50	22	6	7	18	241	40	86	326	23	4	11	44
16	Meghalaya	57	42	16	2	1	1	0	0	68	45	49	10	9	3	8	0
17	Mizoram	12	9	3	0	1	1	0	0	39	34	13	8	2	2	0	0
18	Nagaland	13	10	1	2	4	1	1	2	122	23	10	32	82	3	12	42
19	Odisha	1,607	800	754	361	453	199	220	111	5,026	2,498	2,580	1,539	380	142	267	267
20	Punjab	787	608	194	49	278	206	87	26	3,031	2,306	1,362	533	224	178	69	26
21	Rajasthan	3,715	1,745	729	1,725	100	55	26	48	9,275	4,782	2,602	6,435	331	145	128	281
22	Sikkim	23	9	8	11	0	0	0	0	40	9	29	15	0	0	0	0
23	Tamil Nadu	15,054	4,427	5,194	6,443	1,766	421	587	819	39,676	11,140	14,572	25,614	1,279	267	514	1,742
24	Telangana	4,012	1,458	525	2,412	217	69	39	119	10,657	3,977	2,014	8,386	1,075	334	286	1,502
25	Tripura	187	81	115	1	21	10	13	0	218	98	177	2	36	14	49	0
26	Uttarakhand	555	290	328	62	31	21	34	12	432	327	328	124	16	4	17	2
27	Uttar Pradesh	3,734	1,959	1,547	852	2,650	1,412	1,094	648	12,800	6,959	5,297	2,899	2,782	1,414	1,234	712
28	West Bengal	6,021	2,938	3,529	377	525	260	244	108	2,026	863	2,704	623	386	390	1,646	363
29	A & N Islands	26	3	14	14	4	1	1	2	82	10	36	38	6	0	3	9
30	Chandigarh	46	23	2	29	25	12	4	11	107	40	12	108	12	5	0	13
31	D & N Haveli	46	21	27	3	9	6	2	3	107	55	74	50	8	1	9	4
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	2,234	629	80	1,697	170	48	6	128	2,280	551	113	2,148	179	38	7	212
34	Jammu & Kashmir	352	131	147	961	29	10	0	97	1,283	189	1,185	1,255	47	9	29	95
35	Ladakh	4	4	1	3	0	0	0	0	12	4	2	11	0	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	0
37	Puducherry	254	46	147	61	31	3	7	23	805	123	460	513	8	2	6	7
	Total	77,004	32,797	34,055	30,809	10,726	4,845	4,886	4,497	2,03,395	74,773	93,875	1,15,612	21,329	6,592	10,874	14,398

Note: 1. Two-Wheelers include motor cycles, scooters, mopeds & scooty,

2. Data of Daman & Diu is included in Datra & Nagar Haveli from 2020 onwards

NA: Not Available

* Kerla is not reported total number of road accident under the category of pedestrian and very small figure under Bicycles category

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Accidents classified according to type of impacting vehicles/objects: 2022

S. No.	States/UTs	5.Cars, Taxis, Vans & LMV				6.Trucks/Lorries				7.Buses			
		Number of Persons		Number of Road Accidents		Number of Road Accidents		Number of Persons		Number of Road Accidents		Number of Persons	
		Killed	Grievously Injured	Minor Injured	Killed	Grievously Injured	Minor Injured	Killed	Grievously Injured	Minor Injured	Killed	Grievously Injured	Minor Injured
1	2	19	20	21	22	23	24	25	26	27	28	29	30
1	Andhra Pradesh	2,576	841	521	2,044	1,402	633	305	801	447	181	115	452
2	Arunachal Pradesh	58	32	30	8	34	33	26	7	14	4	11	4
3	Assam	1,253	371	858	80	563	292	368	29	343	138	323	9
4	Bihar	765	556	687	24	333	213	216	7	130	106	162	3
5	Chhattisgarh	1,865	363	155	1,440	514	197	35	281	136	46	28	322
6	Goa	1,054	28	9	55	160	3	1	9	174	0	0	24
7	Gujarat	2,422	1,045	1,473	1,332	1,280	645	587	458	295	109	371	455
8	Haryana	1,512	617	261	1,157	703	358	93	320	378	217	38	251
9	Himachal Pradesh	932	408	467	1,217	283	119	108	319	104	40	75	408
10	Jharkhand	713	475	486	152	489	326	205	36	92	85	116	20
11	Karnataka	6,787	1,536	3,543	5,569	2,573	703	1,173	1,841	1,145	288	933	1,880
12	Kerala	15,341	306	1,747	1,933	2,618	36	83	53	2,936	43	571	875
13	Madhya Pradesh	7,893	1,794	1,010	6,832	3,503	1,193	523	2,913	1,375	312	201	1,958
14	Maharashtra	5,045	2,221	3,483	1,531	1,762	806	1,011	358	483	119	897	504
15	Manipur	88	18	41	119	35	12	24	21	3	9	41	3
16	Meghalaya	70	44	103	59	30	18	18	15	4	1	9	12
17	Mizoram	28	17	13	18	11	10	2	4	0	0	0	0
18	Nagaland	193	19	26	86	67	17	9	33	8	0	7	27
19	Odisha	1,542	625	878	741	1,224	498	635	447	371	139	297	186
20	Punjab	1,488	1,163	553	272	89	67	39	26	31	24	19	27
21	Rajasthan	5,304	2,221	1,640	3,899	1,989	848	461	1,057	625	226	351	720
22	Sikkim	91	45	70	97	40	19	29	24	12	0	19	52
23	Tamil Nadu	3,963	1,051	1,217	6,655	1,065	332	231	883	1,188	213	390	2,704
24	Telangana	3,057	588	307	2,415	1,119	397	105	734	385	98	49	424
25	Tripura	57	16	97	1	29	16	35	0	7	2	9	15
26	Uttarakhand	491	278	322	165	82	19	20	8	23	3	102	4
27	Uttar Pradesh	6,562	3,536	3,032	1,636	3,699	2,192	1,608	966	2,124	1,279	1,151	623
28	West Bengal	1,674	504	1,024	265	1,884	491	869	167	538	228	340	94
29	A & N Islands	15	2	6	11	3	0	0	0	3	2	0	1
30	Chandigarh	29	0	0	12	3	0	0	0	5	1	0	1
31	D & N Haveli	20	6	13	12	3	1	1	2	3	0	19	54
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	308	50	7	297	19	9	0	24	16	4	0	24
34	Jammu & Kashmir	1,870	202	1,095	1,130	918	93	203	574	357	21	140	149
35	Ladakh	220	33	16	197	99	9	8	64	36	10	2	22
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	45	3	4	23	0	0	0	0	23	1	7	13
Total		75,331	21,014	25,194	41,574	28,625	10,605	9,031	12,481	13,844	3,949	6,793	12,320

Contd...

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents classified according to type of impacting vehicles/objects: 2022

S. No.	States/UTs	8. Other Non-motorized vehicle (E-rickshaw etc.)						Others						Total			
		Number of Persons			Number of Persons			Number of Persons			Number of Persons			Number of Persons		Number of Persons	
		Number of Road Accidents	Killed	Grievously Injured	Minor Injured	Number of Road Accidents	Killed	Grievously Injured	Minor Injured	Number of Road Accidents	Killed	Grievously Injured	Minor Injured	Total	41	42	
1	2	31	32	33	34	35	36	37	38	39	40	39	40	5,794	5,794		
1	Andhra Pradesh	52	15	13	49	842	538	165	556	21,249	8,293	227	148	142	142	15,546	
2	Arunachal Pradesh	0	0	0	0	32	22	21	5	227	227	227	227	142	142	44	
3	Assam	341	100	283	67	218	147	266	43	7,023	2,994	5,051	5,051	5,051	5,051	586	
4	Bihar	81	60	42	1	710	597	534	7	10,801	8,898	6,876	6,876	6,876	6,876	192	
5	Chhattisgarh	31	4	3	22	819	409	141	724	13,279	5,834	1,824	1,824	1,824	1,824	9,871	
6	Goa	0	0	0	0	268	8	12	77	3,011	271	268	268	268	268	823	
7	Gujarat	59	51	28	44	468	279	223	278	15,751	7,618	8,782	8,782	8,782	8,782	6,307	
8	Haryana	127	74	12	29	1,106	635	114	759	10,429	4,915	1,677	1,677	1,677	1,677	6,842	
9	Himachal Pradesh	23	20	11	43	142	55	62	105	2,597	1,032	1,263	1,263	1,263	1,263	2,800	
10	Jharkhand	192	118	95	21	226	224	93	40	5,175	3,898	3,006	3,006	3,006	3,006	741	
11	Karnataka	206	96	123	46	2,258	808	1,104	2,216	39,762	11,702	22,717	22,717	22,717	22,717	25,437	
12	Kerala	3	2	7	4	1,044	60	400	216	43,910	4,317	34,638	34,638	34,638	34,638	14,669	
13	Madhya Pradesh	571	146	87	57	4,920	1,453	491	3,329	54,432	13,427	6,048	6,048	6,048	6,048	48,220	
14	Maharashtra	37	15	17	8	1,694	827	943	456	33,383	15,224	19,540	19,540	19,540	19,540	7,699	
15	Manipur	0	0	0	0	7	6	1	1	508	127	235	235	235	235	582	
16	Meghalaya	0	0	0	0	0	7	8	1	246	162	211	211	211	211	99	
17	Mizoram	0	0	0	0	0	40	18	28	133	113	49	49	49	49	58	
18	Nagaland	0	0	0	0	0	0	0	1	489	73	66	66	66	66	225	
19	Odisha	108	45	51	16	952	521	474	478	11,663	5,467	6,156	6,156	6,156	6,156	4,146	
20	Punjab	22	21	5	6	188	183	17	14	6,138	4,756	2,345	2,345	2,345	2,345	979	
21	Rajasthan	513	204	104	264	1,762	878	630	1,193	23,614	11,104	6,671	6,671	6,671	6,671	15,622	
22	Sikkim	0	0	0	0	5	10	0	0	211	92	155	155	155	155	199	
23	Tamil Nadu	40	9	13	23	74	24	14	48	64,105	17,884	22,732	22,732	22,732	22,732	44,971	
24	Telangana	167	53	43	117	930	585	69	663	21,619	7,559	3,437	3,437	3,437	3,437	16,772	
25	Tripura	6	2	9	0	14	2	18	0	575	241	522	522	522	522	19	
26	Uttarakhand	13	2	5	6	31	98	62	12	1,674	1,042	1,218	1,218	1,218	1,218	395	
27	Uttar Pradesh	2,453	1,233	1,129	680	4,942	2,611	2,092	1,341	41,746	22,595	18,184	18,184	18,184	18,184	10,357	
28	West Bengal	107	87	76	51	525	241	283	80	13,686	6,002	10,715	10,715	10,715	10,715	2,128	
29	A & N Islands	0	0	0	0	2	1	0	1	141	19	76	76	76	76	76	
30	Chandigarh	10	2	0	11	0	0	0	0	237	83	18	18	18	18	185	
31	D & N Haveli	0	0	0	0	0	0	0	0	196	90	145	145	145	145	128	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	100	13	9	134	346	119	16	299	5,652	1,461	238	238	238	238	4,963	
34	Jammu & Kashmir	7	1	1	6	1,229	149	527	778	6,092	805	3,327	3,327	3,327	3,327	5,045	
35	Ladakh	0	0	0	3	2	0	0	20	374	62	29	29	29	29	317	
36	Lakshadweep	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	
37	Puducherry	0	0	0	0	15	3	2	9	1,181	181	633	633	633	633	649	
	Total	5,269	2,373	2,166	2,223	25,819	11,543	8,800	13,778	4,61,312	1,68,491	1,95,674	2,47,692				

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Age of impacting Vehicles during the calendar year 2022

S. No	States/UTs	Less than 5 years						5.1 - 10 Years						10.1 - 15 Years						
		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Persons Injured		
		Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured	Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured	Number	Rank	Number	Grievously Injured	Minor Injury
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19	
1	Andhra Pradesh	6,610	9	2,636	9	1,729	4,924	6,653	7,121	2,722	1,975	5,265	7,240	2,349	861	698	1,702	2,400		
2	Arunachal Pradesh	99	29	63	26	65	16	81	71	48	46	13	59	40	25	23	10	33		
3	Assam	2,482	15	988	16	1,619	283	1,902	1,887	837	1,362	159	1,521	1,051	458	780	54	834		
4	Bihar	3,556	14	2,881	8	2,330	73	2,403	2,166	1,709	1,375	50	1,425	1,180	977	798	22	820		
5	Chhattisgarh	3,794	13	1,615	13	577	2,732	3,309	3,203	1,375	430	2,267	2,697	1,276	530	160	1,079	1,239		
6	Goa	1,207	19	95	24	93	296	389	1,253	116	118	362	480	469	50	45	141	186		
7	Gujarat	5,011	10	2,294	10	2,673	2,109	4,782	4,803	2,218	2,891	2,079	4,970	2,435	1,142	1,484	1,008	2,492		
8	Haryana	949	22	408	18	169	728	897	998	417	242	706	948	1,033	437	128	612	740		
9	Himachal Pradesh	965	21	403	19	479	1,199	1,678	837	319	393	964	1,357	276	108	110	342	452		
10	Jharkhand	1,686	16	1,256	14	983	272	1,255	1,137	921	618	176	794	669	435	410	128	538		
11	Karnataka	14,188	2	4,153	5	8,096	9,732	17,828	12,840	3,585	7,515	8,105	15,620	5,616	1,581	3,505	3,414	6,919		
12	Kerala	9,860	5	981	17	7,810	3,171	10,981	12,162	1,166	9,689	4,245	13,934	4,966	490	3,827	1,842	5,669		
13	Madhya Pradesh	14,145	3	3,916	6	2,143	14,189	16,332	12,869	3,130	1,350	10,050	11,400	6,955	1,572	861	6,520	7,381		
14	Maharashtra	13,866	4	5,831	1	8,500	3,106	11,606	10,078	4,686	5,925	2,515	8,440	4,989	2,430	2,757	1,253	4,010		
15	Manipur	222	26	52	27	81	274	355	186	38	55	214	269	45	15	30	38	68		
16	Meghalaya	78	30	51	28	70	42	112	61	41	53	16	69	8	5	3	1	4		
17	Mizoram	64	33	51	28	19	23	42	41	34	15	31	46	9	10	5	3	8		
18	Nagaland	150	28	23	33	16	79	95	104	9	16	66	82	38	0	4	9	13		
19	Odisha	4,034	11	1,828	11	1,957	1,329	3,286	3,053	1,378	1,640	1,062	2,702	1,379	605	812	696	1,508		
20	Punjab	1,527	17	1,132	15	645	259	904	1,689	1,269	609	228	837	1,154	949	422	177	599		
21	Rajasthan	9,245	7	4,436	4	2,589	6,236	8,825	6,005	2,985	1,477	4,110	5,587	2,289	1,007	560	1,860	2,420		
22	Sikkim	71	32	37	31	54	57	111	56	31	32	47	79	34	7	29	67	96		
23	Tamil Nadu	18,846	1	5,146	2	7,279	12,637	19,916	28,598	7,665	10,094	21,201	31,295	7,504	2,130	2,951	5,280	8,231		
24	Telangana	9,320	6	3,078	7	1,793	7,215	9,008	6,092	2,307	883	4,919	5,802	2,279	807	340	1,786	2,126		
25	Tripura	330	25	136	23	287		294	195	80	188	15	203	45	22	44	0	44		
26	Uttarakhand	540	23	364	20	412	114	526	536	322	370	127	497	209	110	119	55	174		
27	Uttar Pradesh	8,177	8	4,552	3	3,702	1,845	5,547	8,040	4,411	3,760	1,682	5,442	7,480	3,953	3,480	1,805	5,285		
28	West Bengal	3,813	12	1,778	12	3,187	450	3,637	3,753	1,697	3,181	519	3,700	1,206	614	1,024	257	1,281		
29	A & N Islands	52	35	6	35	26	24	50	32	6	5	24	29	36	4	17	18	35		
30	Chandigarh	53	34	22	34	0	35	35	121	47	18	106	124	62	0	0	44	44		
31	D & N Haveli	74	31	39	30	47	28	75	57	18	62	71	133	24	9	13	10	23		
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
33	Delhi	1,004	20	213	21	63	897	960	945	229	55	779	834	591	99	32	673	705		
34	Jammu & Kashmir	1,394	18	191	22	485	1,492	1,977	1,350	203	602	1,345	1,947	1,79	22	182	217	399		
35	Ladakh	219	27	37	31	18	201	219	89	13	5	75	80	38	4	3	31	34		
36	Lakshadweep	0	36	0	36	0	0	0	2	2	1	0	1	0	1	0	1	1		
37	Puducherry	540	23	70	25	298	233	531	463	71	261	281	542	91	25	44	94	138		
	Total	1,38,171	50,762	60,294	76,304	1,36,598	1,32,893	46,105	57,311	73,874	1,31,185	58,005	21,493	25,701	31,248	56,949				

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards
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Accidents Classified according to Age of impacting Vehicles during the calendar year 2022

S. No	States/UTs	> 15 Years						Age not known					
		Persons Injured			Total Accidents			Persons Killed			Persons Injured		
		Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	25	26	27	28	29	Total Injured	
1	2	20	21	22	23	24	25	26	27	28	29	2,477	
1	Andhra Pradesh	2,582	1,042	846	1,724	2,570	2,587	1,032	546	1,931	5	13	
2	Arunachal Pradesh	0	0	0	0	0	0	17	12	8	5	5	
3	Assam	577	246	521	34	555	1,026	465	769	56	825	825	
4	Bihar	1,784	1,475	1,011	32	1,043	2,115	1,856	1,362	15	1,377	1,377	
5	Chhattisgarh	1,741	841	237	1,514	1,751	3,265	1,473	420	2,279	2,699	2,699	
6	Goa	47	8	2	15	17	35	2	10	9	19	19	
7	Gujarat	1,892	926	1,140	756	1,896	1,610	1,038	594	355	949	949	
8	Haryana	1,808	1,019	259	942	1,201	5,641	2,634	879	3,854	4,733	4,733	
9	Himachal Pradesh	176	81	98	144	242	343	121	183	151	334	334	
10	Jharkhand	272	189	169	59	228	1,411	1,097	826	106	932	932	
11	Karnataka	4,534	1,337	2,535	3,128	5,663	2,584	1,046	1,066	1,058	2,124	2,124	
12	Kerala	1,712	161	1,371	618	1,989	15,210	1,519	11,941	4,793	16,734	16,734	
13	Madhya Pradesh	9,459	2,456	1,002	8,202	9,204	11,004	2,353	1,592	9,259	10,851	10,851	
14	Maharashtra	1,818	929	1,190	451	1,641	2,632	1,348	1,168	374	1,542	1,542	
15	Manipur	14	4	9	15	24	41	18	60	41	101	101	
16	Meghalaya	31	24	32	20	52	68	41	53	20	73	73	
17	Mizoram	7	3	3	1	4	12	15	7	0	7	7	
18	Nagaland	68	6	1	0	1	129	35	29	71	100	100	
19	Odisha	1,773	808	1,033	578	1,611	1,424	848	714	481	1,195	1,195	
20	Punjab	1,039	828	391	218	609	729	578	278	97	375	375	
21	Rajasthan	2,249	967	600	1,591	2,191	3,826	1,709	1,445	1,825	3,270	3,270	
22	Sikkim	8	8	8	3	11	42	9	32	25	57	57	
23	Tamil Nadu	1,606	433	655	1,141	1,796	7,551	2,510	1,753	4,712	6,465	6,465	
24	Telangana	1,306	418	132	1,033	1,165	2,622	949	289	1,819	2,108	2,108	
25	Tripura	4	2	3	0	3	1	1	0	0	0	0	
26	Uttarakhand	97	94	156	14	170	292	152	161	85	246	246	
27	Uttar Pradesh	10,924	5,778	3,993	3,307	7,300	7,125	3,901	3,249	1,718	4,967	4,967	
28	West Bengal	1,221	567	1,115	205	1,320	3,693	1,346	2,208	697	2,905	2,905	
29	A & N Islands	18	3	10	10	20	3	0	2	0	2	2	
30	Chandigarh	1	14	0	0	0	0	0	0	0	0	0	
31	D & N Haveli	41	24	23	19	42	0	0	0	0	0	0	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	685	201	36	595	631	2,427	719	52	2,019	2,071	2,071	
34	Jammu & Kashmir	184	26	39	196	235	2,985	363	2,019	1,795	3,814	3,814	
35	Ladakh	14	3	1	6	7	14	5	2	4	6	6	
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	
37	Puducherry	74	15	25	34	59	13	0	5	7	12	12	
	Total	49,766	20,936	18,646	26,605	45,251	82,477	29,195	33,722	39,561	73,383		

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents classified according to Load Condition of Involved Vehicle during the calendar year 2022

S. No.	States/UTs	Normally Loaded						Overloaded/Hanging						Empty			
		No. of Persons			No. of Persons			No. of Persons			No. of Persons			No. of Persons			
		No. of Accidents	Rank	Killed	Rank	Grievously Injured	Minor Injured	No. of Accidents	Rank	Killed	Rank	Grievously Injured	Minor Injured	No. of Accidents	Killed	Grievously Injured	Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	14,889	8	5,909	7	3,560	11,550	685	11	299	14	339	667	3,329	1,144	1,216	1,874
2	Arunachal Pradesh	124	32	81	28	55	19	45	25	27	24	38	12	34	28	34	9
3	Assam	3,860	14	1,669	16	2,790	297	761	9	300	13	507	186	861	350	632	46
4	Bihar	5,397	13	4,308	10	3,561	91	945	8	784	4	653	29	1,838	1,481	1,117	40
5	Chhattisgarh	7,104	11	3,029	12	1,081	5,528	667	13	314	12	126	806	2,113	858	269	1,349
6	Goa	3,011	16	271	23	268	823	0	32	0	32	0	0	0	0	0	0
7	Gujarat	9,349	10	4,345	9	5,265	4,004	699	10	324	11	500	316	4,085	1,924	2,395	1,643
8	Haryana	1,639	21	827	18	360	1,179	636	15	293	15	128	752	1,411	578	278	1,120
9	Himachal Pradesh	1,982	20	798	19	937	2,074	91	22	57	18	61	354	356	114	132	247
10	Jharkhand	2,632	18	2,050	15	1,354	354	677	12	452	9	511	204	358	241	254	40
11	Karnataka	28,975	3	8,281	3	16,989	19,128	1,606	4	485	8	923	1,657	6,528	1,894	3,638	3,457
12	Kerala	39,462	2	3,865	11	31,156	13,315	254	18	55	19	197	117	673	81	513	201
13	Madhya Pradesh	23,965	4	6,569	6	2,948	21,552	5,860	2	1,383	2	813	5,418	7,387	2,127	930	6,444
14	Maharashtra	19,953	5	8,691	2	11,962	5,163	2,501	3	1,198	3	1,766	391	8,010	3,921	4,328	1,684
15	Manipur	439	26	98	26	211	496	16	26	6	28	8	20	28	12	10	39
16	Meghalaya	143	30	96	27	141	72	10	29	8	26	30	14	47	30	12	5
17	Mizoram	77	35	74	30	32	33	3	31	5	29	1	11	46	30	13	11
18	Nagaland	78	34	21	34	15	75	60	24	1	31	9	8	190	32	27	85
19	Odisha	6,496	12	2,991	13	3,330	2,082	1,352	5	591	5	789	496	2,185	1,043	1,191	832
20	Punjab	3,127	15	2,542	14	1,206	546	661	14	564	6	257	100	1,915	1,361	785	315
21	Rajasthan	15,827	7	7,563	5	3,998	11,036	1,130	7	553	7	491	704	2,715	1,179	773	1,920
22	Sikkim	147	29	71	31	124	162	16	26	8	26	11	12	42	12	18	23
23	Tamil Nadu	46,649	1	12,820	1	17,214	34,908	1,241	6	398	10	319	1,170	1,383	2,896	4,241	6,189
24	Telangana	16,853	6	5,705	8	2,791	13,117	433	16	178	16	88	442	1,639	640	326	1,149
25	Tripura	444	25	185	24	400	19	93	21	31	23	102	0	37	24	20	0
26	Uttarakhand	1,128	23	728	20	830	247	12	28	67	17	82	26	234	92	145	62
27	Uttar Pradesh	14,369	9	7,780	4	5,862	3,571	6,926	1	3,644	1	3,154	1,691	11,530	6,313	5,219	3,020
28	West Bengal	2,977	17	1,582	17	2,573	563	122	20	51	20	177	82	544	268	387	62
29	A & N Islands	92	33	16	35	47	53	0	32	0	32	0	0	47	3	12	22
30	Chandigarh	235	27	81	28	18	185	0	32	0	32	0	0	2	2	0	0
31	D & N Haveli	142	31	64	32	98	83	7	30	4	30	23	41	47	22	24	4
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0
33	Delhi	1,458	22	331	21	125	1,223	152	19	46	21	38	103	1,033	213	27	1,009
34	Jammu & Kashmir	2,057	19	325	22	657	2,170	281	17	45	22	219	472	276	38	190	365
35	Ladakh	231	28	41	33	17	215	91	22	10	25	7	73	35	8	3	16
36	Lakshadweep	2	36	2	36	1	0	0	32	0	32	0	0	0	0	0	0
37	Puducherry	1,107	24	166	25	578	577	0	32	0	32	0	0	74	15	55	72
	Total	2,76,420	93,975	1,22,554	1,26,510	28,033	12,181	12,367	16,374	71,032	28,974	29,214	33,354				

N.A.: Not Available. Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards.

Accidents classified according to Load Condition of Involved Vehicle during the calendar year 2022

S. No.	States/UTs	Not Known				Total all india			
		No. of Accidents	Killed	Grievously Injured	Minor Injured	No. of Accidents	Killed	Grievously Injured	Minor Injured
1	2	19	20	21	22	23	24	25	26
1	Andhra Pradesh	2,346	941	679	1,455	21,249	8,293	5,794	15,546
2	Arunachal Pradesh	24	12	15	4	227	148	142	44
3	Assam	1,541	675	1,122	57	7,023	2,994	5,051	586
4	Bihar	2,325	1,545	32	10,801	8,898	6,876	192	192
5	Chhattisgarh	3,395	1,633	348	2,188	13,279	5,834	1,824	9,871
6	Goa	0	0	0	0	3,011	271	268	823
7	Gujarat	1,618	1,025	622	344	15,751	7,618	8,782	6,307
8	Haryana	6,743	3,217	911	3,791	10,429	4,915	1,677	6,842
9	Himachal Pradesh	168	63	133	125	2,597	1,032	1,263	2,800
10	Jharkhand	1,508	1,155	887	143	5,175	3,898	3,006	741
11	Karnataka	2,653	1,042	1,167	1,195	39,762	11,702	22,717	25,437
12	Kerala	3,521	316	2,772	1,036	43,910	4,317	34,638	14,669
13	Madhya Pradesh	17,220	3,348	2,257	14,806	54,432	13,427	6,948	48,220
14	Maharashtra	2,919	1,414	1,484	461	33,383	15,224	19,540	7,699
15	Manipur	25	11	6	27	508	127	235	582
16	Meghalaya	46	28	28	8	246	162	211	99
17	Mizoram	7	4	3	3	133	113	49	58
18	Nagaland	161	19	15	57	489	73	66	225
19	Odisha	1,630	842	846	736	11,663	5,467	6,156	4,146
20	Punjab	435	289	97	18	6,138	4,756	2,345	979
21	Rajasthan	3,942	1,809	1,409	1,962	23,614	11,104	6,671	15,622
22	Sikkim	6	1	2	2	211	92	155	199
23	Tamil Nadu	4,832	1,770	958	2,704	64,105	17,884	22,732	44,971
24	Telangana	2,694	1,036	232	2,064	21,619	7,559	3,437	16,772
25	Tripura	1	1	0	0	575	241	522	19
26	Uttarakhand	300	155	161	60	1,674	1,042	1,218	395
27	Uttar Pradesh	8,921	4,858	3,949	2,075	41,746	22,595	18,184	10,357
28	West Bengal	10,043	4,101	7,578	1,421	13,686	6,002	10,715	2,128
29	A & N Islands	2	0	1	1	141	19	60	76
30	Chandigarh	0	0	0	0	237	83	18	185
31	D & N Haveli	0	0	0	0	196	90	145	128
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	3,009	871	48	2,628	5,652	1,461	238	4,963
34	Jammu & Kashmir	3,478	397	2,261	2,038	6,092	805	3,327	5,045
35	Ladakh	17	3	2	13	374	62	29	317
36	Lakshadweep	1	0	1	0	3	2	2	0
37	Puducherry	0	0	0	0	1,181	181	633	649
Total		85,827	33,361	31,539	41,454	4,61,312	1,68,491	1,95,674	2,47,692

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Male and Female Persons Killed in Road Accidents in terms of Road User categories in 2022

S. No	States/UTs	Pedestrian				Bicycles				Two Wheelers				Auto Rickshaws				Cars, Vans & L/MV			
		Male		Female	Total	Male		Female	Total	Male		Female	Total	Male		Female	Total	Male		Female	Total
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	16	17	18	
1	2																				
1	Andhra Pradesh	1,274	330	1,604	146	8	154	3,274	429	3,703	9	509	118	627	742	153	895				
2	Arunachal Pradesh	5	2	7	0	0	0	40	5	45	28	5	0	5	26	6	32				
3	Assam	321	185	506	303	5	308	765	106	871	17	211	50	261	293	78	371				
4	Bihar	2,448	897	3,345	479	45	524	2,596	388	2,984	11	380	133	513	452	104	556				
5	Chhattisgarh	558	183	741	164	8	172	3,506	350	3,856	8	33	13	46	295	68	363				
6	Goa	37	14	51	2	0	2	161	19	180	23	0	0	0	25	3	28				
7	Gujarat	1,326	242	1,568	154	7	161	2,980	401	3,381	10	296	83	379	862	183	1,045				
8	Haryana	1,007	224	1,231	133	57	190	1,355	90	1,445	16	118	30	148	530	87	617				
9	Himachal Pradesh	157	42	199	4	0	4	249	24	273	21	2	0	2	338	51	389				
10	Jharkhand	375	104	479	95	8	103	1,708	154	1,862	15	181	38	219	413	67	480				
11	Karnataka	1,751	354	2,105	82	1	83	5,185	501	5,686	5	323	74	397	1,241	295	1,536				
12	Kerala	937	221	1,158	91	0	91	2,139	285	2,424	13	188	39	227	240	64	304				
13	Madhya Pradesh	1,368	304	1,672	117	20	137	5,521	836	6,357	4	299	64	363	1,457	337	1,794				
14	Maharashtra	2,435	459	2,894	158	4	162	6,978	755	7,733	2	383	64	447	1,945	274	2,219				
15	Manipur	23	9	32	5	1	6	36	4	40	29	4	0	4	17	1	18				
16	Meghalaya	34	8	42	1	2	3	44	3	47	27	3	1	4	40	10	50				
17	Mizoram	6	3	9	1	0	1	33	5	38	31	3	2	5	35	3	38				
18	Nagaland	8	2	10	1	0	1	17	1	18	33	3	0	3	17	3	20				
19	Odisha	658	142	800	170	29	199	2,292	206	2,498	12	116	26	142	523	102	625				
20	Punjab	517	91	608	196	10	206	2,053	253	2,306	14	144	34	178	1,017	146	1,163				
21	Rajasthan	1,444	301	1,745	53	2	55	4,285	497	4,782	6	119	26	145	1,906	315	2,221				
22	Sikkim	6	3	9	0	0	0	17	3	20	32	0	0	0	17	3	20				
23	Tamil Nadu	3,373	1,054	4,427	412	9	421	10,080	1,060	11,140	1	216	51	267	790	261	1,051				
24	Telangana	1,139	319	1,458	67	2	69	3,608	369	3,977	7	252	82	334	494	94	588				
25	Tripura	61	20	81	10	0	10	90	8	98	25	13	1	14	13	3	16				
26	Uttarakhand	243	47	290	21	0	21	301	26	327	20	3	1	4	236	42	278				
27	Uttar Pradesh	1,564	395	1,959	1,236	176	1,412	6,146	813	6,959	3	1,179	235	1,414	2,998	538	3,536				
28	West Bengal	2,372	566	2,938	220	40	260	772	91	863	18	249	141	390	436	68	504				
29	A & N Islands	2	1	3	1	0	1	8	2	10	34	0	0	0	2	0	2				
30	Chandigarh	16	7	23	12	0	12	35	5	40	29	3	2	5	0	0	0				
31	D & N Haveli	20	1	21	6	0	6	49	6	55	26	1	0	1	6	0	6				
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
33	Delhi	553	76	629	48	0	48	510	41	551	19	35	3	38	48	2	50				
34	Jammu & Kashmir	90	41	131	11	0	11	152	44	196	22	12	0	12	134	58	192				
35	Ladakh	4	0	4	0	0	0	4	0	4	35	0	0	0	28	3	31				
36	Lakshadweep	0	0	0	0	0	0	2	0	2	36	0	0	0	0	0	0				
37	Puducherry	31	15	46	3	0	3	93	33	126	24	1	1	2	2	0	0	2			
	Total	26,163	6,662	32,825	4,402	434	4,836	67,084	7,813	74,897	5,284	1,312	6,596	17,618	3,422	21,040					

Contd...

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Male and Female Persons Killed in Road Accidents in terms of Road User categories in 2022

S. No	States/UTs	Trucks/Lorries		Buses		Other non Motor vehicles (E- Rickshaw)			Others				
		Male		Female		Male		Female		Male		Female	
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	19	20	21	22	23	24	25	26	27	28	29	30
1	Andhra Pradesh	626	37	663	175	46	221	18	2	20	345	61	406
2	Arunachal Pradesh	33	0	33	4	0	4	0	0	0	22	0	22
3	Assam	203	89	292	67	71	138	65	35	100	87	60	147
4	Bihar	193	20	213	89	17	106	52	8	60	494	103	597
5	Chhattisgarh	192	5	197	37	9	46	3	1	4	338	71	409
6	Goa	3	0	3	0	0	0	0	0	0	7	0	7
7	Gujarat	584	61	645	85	24	109	47	4	51	246	33	279
8	Haryana	298	60	358	164	53	217	69	5	74	436	199	635
9	Himachal Pradesh	87	4	91	26	8	34	12	1	13	26	1	27
10	Jharkhand	291	0	291	84	9	93	102	15	117	232	22	254
11	Karnataka	667	36	703	226	62	288	82	14	96	718	90	808
12	Kerala	36	0	36	29	14	43	2	0	2	25	7	32
13	Madhya Pradesh	1,069	124	1,193	248	64	312	133	13	146	1,225	228	1,453
14	Maharashtra	798	10	808	95	24	119	14	1	15	786	41	827
15	Manipur	12	0	12	1	8	9	0	0	0	6	0	6
16	Meghalaya	11	1	12	1	0	1	0	0	0	2	1	3
17	Mizoram	20	0	20	0	0	0	0	0	0	2	0	2
18	Nagaland	21	0	21	0	0	0	0	0	0	0	0	0
19	Odisha	483	15	498	118	21	139	36	9	45	450	71	521
20	Punjab	67	0	67	18	6	24	20	1	21	177	6	183
21	Rajasthan	797	51	848	204	22	226	189	15	204	795	83	878
22	Sikkim	25	4	29	13	1	14	0	0	0	0	0	0
23	Tamil Nadu	305	27	332	170	43	213	7	2	9	21	3	24
24	Telangana	356	41	397	86	12	98	46	7	53	512	73	585
25	Tripura	15	1	16	2	0	2	0	0	2	0	0	2
26	Uttarakhand	19	0	19	2	1	3	2	0	2	86	12	98
27	Uttar Pradesh	1,999	193	2,192	1,024	255	1,279	1,041	192	1,233	2,259	352	2,611
28	West Bengal	421	70	491	200	28	228	73	14	87	138	103	241
29	A & N Islands	0	0	0	2	0	2	0	0	0	1	0	1
30	Chandigarh	0	0	0	1	0	1	1	1	2	0	0	0
31	D & N Haveli	1	0	1	0	0	0	0	0	0	0	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	9	0	9	3	1	4	12	1	13	109	10	119
34	Jammu & Kashmir	75	10	85	16	1	17	1	0	1	125	35	160
35	Ladakh	9	0	9	10	2	12	2	0	2	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	0	1	1	2	0	0	0	0	0	0
Total		9,725	859	10,584	3,201	803	4,004	2,031	341	2,372	9,672	1,665	11,337

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Pedestrians killed in Accidents Classified by the type of impacting vehicles during 2022

S.No	State/UTs	1. Bicycles	2. Two Wheelers	3. Auto Rickshaws	4. Cars, Taxis, Vans & LMV	5. Trucks/ Lorries	6. Buses	7. Other Non-Motorized Vehicles(E-rickshaw etc.)	8. Others	Total
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	2	535	144	322	212	103	0	286	1,604
2	Arunachal Pradesh	7	0	0	0	0	0	0	0	7
3	Assam	-	207	27	146	61	26	23	16	506
4	Bihar	2	808	129	719	574	112	28	973	3,345
5	Chhattisgarh	0	206	2	117	105	17	1	293	741
6	Goa	0	13	0	20	6	8	0	4	51
7	Gujarat	0	242	56	433	289	108	0	440	1,568
8	Haryana	0	196	35	321	189	67	2	421	1,231
9	Himachal Pradesh	1	52	0	66	32	13	3	32	199
10	Jharkhand	9	129	51	79	97	44	2	68	479
11	Karnataka	0	756	83	493	258	182	5	328	2,105
12	Kerala	2	485	78	363	79	77	1	73	1,158
13	Madhya Pradesh	5	469	36	421	358	94	41	248	1,672
14	Maharashtra	0	830	104	763	402	118	13	664	2,894
15	Manipur	0	7	1	12	2	6	0	4	32
16	Meghalaya	0	7	0	16	17	0	0	2	42
17	Mizoram	0	2	0	4	3	0	0	0	9
18	Nagaland	6	3	0	1	0	0	0	0	10
19	Odisha	20	250	32	154	128	35	3	178	800
20	Punjab	0	133	7	267	118	39	9	35	608
21	Rajasthan	0	449	28	519	262	108	0	379	1,745
22	Sikkim	0	1	0	5	0	1	0	2	9
23	Tamil Nadu	4	1,689	98	1,070	378	361	3	824	4,427
24	Telangana	4	406	85	274	205	107	2	375	1,458
25	Tripura	0	31	9	25	11	1	0	4	81
26	Uttarakhand	11	47	1	71	67	13	5	75	290
27	Uttar Pradesh	8	413	153	463	386	218	84	234	1,959
28	West Bengal	0	828	35	710	559	155	18	633	2,938
29	A & N Islands	0	1	0	0	0	2	0	0	3
30	Chandigarh	0	6	3	11	2	1	0	0	23
31	D & N Havell.	0	7	0	6	6	1	0	1	21
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	55	12	97	55	31	6	373	629	
34	Jammu & Kashmir	0	30	7	51	9	4	3	27	131
35	Ladakh	0	0	0	4	0	0	0	0	4
36	Lakshadweep	0	0	0	0	0	0	0	0	0
37	Puducherry	0	23	4	7	5	5	0	2	46
	Total	81	9,316	1,220	8,030	4,875	2,057	252	6,994	32,825

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Persons killed in Bicycle Accidents Classified by the type of impacting vehicles during 2022

S.No	State/UTs	1. Bicycles	2.Two Wheelers	3.Auto Rickshaws	4.Cars, Taxis, Vans & L.M.V	5.Trucks/ Lorries	6.Buses	7.Other Non-Motorized Vehicles(E-rickshaw etc.)	8.Others	Total
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	11	53	5	32	40	12	1	0	154
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0
3	Assam	19	101	24	94	44	16	7	3	308
4	Bihar	0	101	33	101	133	31	0	125	524
5	Chhattisgarh	0	51	3	27	37	4	0	50	172
6	Goa	0	0	0	0	2	0	0	0	2
7	Gujarat	0	35	8	47	45	3	0	23	161
8	Haryana	0	34	4	57	67	5	1	22	190
9	Himachal Pradesh	0	1	0	2	0	0	0	1	4
10	Jharkhand	9	35	10	19	15	11	0	4	103
11	Karnataka	0	41	1	14	12	2	0	0	83
12	Kerala	1	33	9	29	7	6	0	6	91
13	Madhya Pradesh	0	45	5	43	25	8	2	9	137
14	Maharashtra	0	45	5	47	22	7	0	36	162
15	Manipur	0	1	0	4	1	0	0	0	6
16	Meghalaya	1	0	0	0	0	0	0	2	3
17	Mizoram	0	0	0	0	1	0	0	0	1
18	Nagaland	1	0	0	0	0	0	0	0	1
19	Odisha	10	51	12	41	47	9	2	27	199
20	Punjab	0	55	6	79	33	17	4	12	206
21	Rajasthan	0	9	4	17	7	3	1	14	55
22	Sikkim	0	0	0	0	0	0	0	0	0
23	Tamil Nadu	4	174	8	108	61	40	0	26	421
24	Telangana	0	22	4	15	17	2	0	9	69
25	Tripura	0	1	2	5	1	0	1	0	10
26	Uttarakhand	0	5	0	7	6	1	0	2	21
27	Uttar Pradesh	28	334	135	298	256	163	71	127	1,412
28	West Bengal	0	8	3	22	157	4	0	66	260
29	A & N Islands	0	0	0	1	0	0	0	0	1
30	Chandigarh	0	0	0	8	3	1	0	0	12
31	D & N Haveli	0	2	0	1	2	1	0	0	6
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	0	6	1	14	10	2	0	15	48
34	Jammu & Kashmir	0	3	0	6	0	1	0	1	11
35	Ladakh	0	0	0	0	0	0	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0
37	Puducherry	0	2	0	0	1	0	0	0	3
	Total	84	1,248	282	1,138	1,052	349	90	593	4,836

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Two Wheelers killed in Accidents Classified by the type of impacting vehicles during 2022

S.No	State/UTs	1. Bicycles	2.Two Wheelers	3. Auto Rickshaws	4.Cars, Taxis, Vans & L.M.V	5.Trucks/ Lorries	6.Buses	7.Other Non-Motorized Vehicles (E-rickshaw etc.)	8. Others	Total
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	15	1,461	187	633	698	220	12	477	3,703
2	Annachal Pradesh	0	45	0	0	0	0	0	0	45
3	Assam	17	307	46	219	158	38	17	69	871
4	Bihar	0	430	140	621	811	166	4	812	2,984
5	Chhattisgarh	0	1,399	15	524	763	92	18	1,045	3,856
6	Goa	0	107	0	39	22	7	0	5	180
7	Gujarat	0	877	169	944	759	137	0	495	3,381
8	Haryana	20	271	19	498	323	64	3	247	1,445
9	Himachal Pradesh	1	139	0	14	20	6	0	93	273
10	Jharkhand	41	802	90	401	240	86	11	191	1,862
11	Karnataka	0	2,558	138	1,245	925	341	18	461	5,686
12	Kerala	1	1,119	90	570	314	247	1	82	2,424
13	Madhya Pradesh	11	2,645	128	1,341	1,215	252	92	673	6,357
14	Maharashtra	0	2,761	183	1,935	1,279	207	16	1,352	7,733
15	Manipur	0	11	3	17	9	0	0	0	40
16	Meghalaya	0	12	0	12	10	2	0	11	47
17	Mizoram	0	12	0	5	10	0	0	11	38
18	Nagaland	0	10	0	2	6	0	0	0	18
19	Odisha	34	949	69	497	485	73	1	390	2,498
20	Punjab	0	585	65	1,067	304	145	6	134	2,306
21	Rajasthan	0	1,531	60	1,397	866	233	0	695	4,782
22	Sikkim	0	20	0	0	0	0	0	0	20
23	Tamil Nadu	12	5,529	147	2,455	1,664	800	14	519	11,140
24	Telangana	8	1,358	128	553	633	144	19	1,134	3,977
25	Tripura	0	27	2	36	26	3	0	4	98
26	Uttarakhand	0	59	7	89	86	19	0	67	327
27	Uttar Pradesh	121	2,240	505	1,375	1,200	602	285	631	6,959
28	West Bengal	0	113	12	313	173	42	75	135	863
29	A & N Islands	0	5	0	3	0	2	0	0	10
30	Chandigarh	0	10	2	16	9	3	0	0	40
31	D & N Haveli	0	28	1	17	4	2	0	3	55
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	0	20	6	113	97	49	1	265	551
34	Jammu & Kashmir	0	86	0	51	25	21	1	12	196
35	Ladakh	0	4	0	0	0	0	0	0	4
36	Lakshadweep	0	2	0	0	0	0	0	0	2
37	Puducherry	0	83	1	18	12	9	0	3	126
	Total	281	27,615	2,213	13,146	4,012	594	10,016	74,897	

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Persons killed in Car, Jeep, Taxi Accidents Classified by the type of impacting vehicles during 2022

S.No	State/UTs	1. Bicycles	2.Two Wheelers	3.Auto Rickshaws	4.Cars, Taxis, Vans & LMV	5.Trucks/ Lorries	6.Buses	7.Other Non-Motorized Vehicles(E-rickshaw etc.)	8. Others	Total
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	0	104	34	401	206	40	1	109	895
2	Arunachal Pradesh	0	0	0	32	0	0	0	0	32
3	Assam	3	71	24	135	70	35	16	17	371
4	Bihar	0	0	8	145	231	60	2	110	556
5	Chhattisgarh	0	12	1	168	85	11	3	83	363
6	Goa	0	0	0	15	7	6	0	0	28
7	Gujarat	0	3	7	432	364	120	0	119	1,045
8	Haryana	27	158	7	153	140	33	1	98	617
9	Himachal Pradesh	0	35	1	333	13	4	0	3	389
10	Jharkhand	1	116	13	139	100	26	5	80	480
11	Karnataka	0	317	57	632	305	117	13	95	1,536
12	Kerala	0	1	4	229	54	15	0	1	304
13	Madhya Pradesh	17	280	29	739	431	84	23	191	1,794
14	Maharashtra	0	40	7	1,093	627	96	8	348	2,219
15	Manipur	0	2	1	7	3	0	1	4	18
16	Meghalaya	0	0	0	20	9	1	0	20	50
17	Mizoram	0	0	0	7	0	0	0	31	38
18	Nagaland	0	2	3	10	5	0	0	0	20
19	Odisha	16	123	23	187	157	42	1	76	625
20	Punjab	0	0	0	685	252	197	0	29	1,163
21	Rajasthan	0	0	26	1,253	587	150	0	205	2,221
22	Sikkim	0	0	0	20	0	0	0	0	20
23	Tamil Nadu	3	102	5	644	214	78	0	5	1,051
24	Telangana	2	95	14	189	106	24	4	154	588
25	Tripura	0	2	2	8	3	0	0	1	16
26	Uttarakhand	0	1	0	141	107	12	0	17	278
27	Uttar Pradesh	104	651	210	880	747	359	165	420	3,536
28	West Bengal	0	170	5	78	160	40	20	31	504
29	A & N Islands	0	0	0	1	0	1	0	0	2
30	Chandigarh	0	0	0	0	0	0	0	0	0
31	D & N Haveli	0	0	0	6	0	0	0	0	6
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	0	0	1	14	14	3	0	18	50
34	Jammu & Kashmir	0	35	2	114	23	7	5	6	192
35	Ladakh	0	0	0	31	0	0	0	0	31
36	Lakshadweep	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	0	2	0	0	0	0	2
Total		173	2,320	484	8,941	5,022	1,561	268	2,271	21,040

N/A: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Persons killed in Trucks Accidents Classified by the type of impacting vehicles during 2022

S.No	State/UTs	1. Bicycles	2.Two Wheelers	3. Auto Rickshaws	4.Cars, Taxis, Vans & LMV	5.Trucks/ Lorries	6.Buses	7.Other Non-Motorized Vehicles(E-rickshaw etc.)	8. Others	Total
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	0	85	32	83	401	15	5	42	663
2	Arunachal Pradesh	0	0	0	0	33	0	0	0	33
3	Assam	19	44	21	75	76	28	13	16	292
4	Bihar	0	0	5	15	136	17	21	19	213
5	Chhattisgarh	0	11	1	8	132	8	0	37	197
6	Goa	0	0	0	0	3	0	0	0	3
7	Gujarat	0	0	0	27	406	141	0	71	645
8	Haryana	32	105	11	65	72	15	1	57	358
9	Himachal Pradesh	0	36	0	6	42	2	0	5	91
10	Jharkhand	1	83	5	32	120	26	8	16	291
11	Karnataka	0	201	16	162	258	28	4	34	703
12	Kerala	0	1	0	0	33	2	0	0	36
13	Madhya Pradesh	9	189	14	172	607	56	16	130	1,193
14	Maharashtra	0	2	1	39	610	36	0	120	808
15	Manipur	0	2	0	0	10	0	0	0	12
16	Meghalaya	0	2	0	2	8	0	0	0	12
17	Mizoram	0	1	0	0	15	0	0	4	20
18	Nagaland	0	6	0	3	12	0	0	0	21
19	Odisha	9	129	20	66	169	39	0	66	498
20	Punjab	0	0	0	2	36	22	0	7	67
21	Rajasthan	0	0	0	86	675	45	0	42	848
22	Sikkim	0	0	0	0	29	0	0	0	29
23	Tamil Nadu	2	49	1	28	230	16	0	6	332
24	Telangana	2	127	13	18	172	8	1	56	397
25	Tripura	0	0	0	1	11	1	0	3	16
26	Uttarakhand	0	4	0	3	9	1	0	2	19
27	Uttar Pradesh	65	548	139	375	527	225	119	194	2,192
28	West Bengal	0	259	5	69	38	13	22	85	491
29	A & N Islands	0	0	0	0	0	0	0	0	0
30	Chandigarh	0	0	0	0	0	0	0	0	0
31	D & N Haveli	0	0	0	0	1	0	0	0	1
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	0	1	0	1	6	0	0	1	9
34	Jammu & Kashmir	0	6	0	15	57	0	0	7	85
35	Ladakh	0	0	0	0	9	0	0	0	9
36	Lakshadweep	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	0	0	0	0	0	0	0
	Total	139	1,891	284	1,353	4,943	744	210	1,020	10,584

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Total number of Persons Killed according to classification of age and sex 2022

S. No.	State/UT	Less than 18 years		18-25 Years		25-35 Years		35-45 Years		45-60 Years		60 and Above		Age not known		Total	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Andhra Pradesh	377	97	1,340	162	1,779	290	1,687	275	1,318	230	592	128	16	2	7,109	1,184
2	Arunachal Pradesh	11	1	42	3	28	4	35	4	16	1	3	0	0	0	135	13
3	Assam	124	49	671	124	787	165	424	185	234	134	29	2	46	20	2,315	679
4	Bihar	772	239	1,651	369	1,485	326	1,280	290	934	224	392	107	669	160	7,183	1,715
5	Chhattisgarh	298	59	1,220	86	1,292	133	1,073	150	769	175	289	83	185	22	5,126	708
6	Goa	1	1	50	4	48	6	57	9	51	11	28	5	0	0	235	36
7	Gujarat	341	103	1,362	191	1,941	282	1,591	231	995	156	314	68	36	7	6,580	1,038
8	Haryana	320	104	643	147	957	163	668	90	462	96	197	51	863	154	4,110	805
9	Himachal Pradesh	55	18	165	18	263	21	192	30	157	25	61	19	8	0	901	131
10	Jharkhand	238	40	886	75	835	75	729	86	419	70	152	36	222	35	3,481	417
11	Karnataka	326	107	2,091	176	2,999	347	2,378	309	1,816	332	665	156	0	0	10,275	1,427
12	Kerala	97	46	555	26	554	55	512	75	906	177	951	226	112	25	3,687	630
13	Madhya Pradesh	707	174	2,624	419	3,235	550	2,600	443	1,481	253	424	96	366	55	11,437	1,990
14	Maharashtra	370	84	2,497	260	3,898	388	3,584	409	2,440	345	614	130	189	16	13,592	1,632
15	Manipur	3	5	22	7	38	6	28	0	12	3	1	2	0	0	104	23
16	Meghalaya	3	5	22	4	52	4	36	6	17	4	6	3	0	0	136	26
17	Mizoram	13	3	20	1	29	3	23	3	9	3	4	2	0	0	98	15
18	Nagaland	2	2	18	2	16	0	11	1	5	1	5	0	10	0	67	6
19	Odisha	195	31	1,144	133	1,413	147	1,008	134	720	119	167	35	199	22	4,846	621
20	Punjab	132	25	880	122	1,008	134	922	115	713	84	436	51	118	16	4,209	547
21	Rajasthan	383	102	2,492	263	3,104	419	2,239	307	1,209	180	264	38	101	3	9,792	1,312
22	Sikkim	2	2	24	1	21	7	14	3	9	0	0	2	7	0	77	15
23	Tamil Nadu	455	124	1,988	143	3,058	278	2,834	363	3,866	733	3,150	868	23	1	15,374	2,510
24	Telangana	231	75	1,123	91	1,788	205	1,713	278	1,202	239	478	110	25	1	6,560	999
25	Tripura	7	3	40	6	71	13	39	3	36	5	15	3	0	0	208	33
26	Uttarakhand	52	14	181	15	243	35	222	24	161	27	50	12	5	1	914	128
27	Uttar Pradesh	1,618	291	4,738	775	4,900	793	3,945	615	2,483	386	1,062	63	700	126	19,446	3,149
28	West Bengal	230	117	583	122	1,210	165	1,007	179	1,202	337	527	177	122	24	4,881	1,121
29	Andaman & Nicobar Islands	0	0	3	1	6	1	4	0	3	0	0	1	0	0	16	3
30	Chandigarh	1	2	8	2	24	3	13	0	14	3	8	5	0	0	68	15
31	Dadra & Nagar Haveli	7	0	25	2	18	0	11	3	13	1	9	1	0	0	83	7
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	35	6	267	26	324	24	338	33	245	23	56	12	62	10	1,327	134
34	Jammu & Kashmir	163	21	102	64	107	57	101	27	55	16	22	6	64	0	614	191
35	Ladakh	0	0	14	2	20	3	20	0	3	0	0	0	0	0	57	5
36	Lakshadweep	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0
37	Puducherry	7	2	15	1	14	3	27	6	30	9	39	28	0	0	132	49
Total		7,576	1,952	29,507	3,843	37,566	5,105	4,686	24,005	4,402	11,010	2,626	4,148	700	1,45,177	23,314	

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Drivers Killed according to classification of age and sex, 2022

S.No	State/UT	Less than 18 years		18-25 Years		25-35 Years		35-45 Years		45-60 Years		60 and Above		Age not known	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Andhra Pradesh	178	15	807	22	1,000	59	857	46	598	7	207	5	5	0
2	Arunachal Pradesh	7	0	32	2	21	3	25	2	12	1	3	0	0	0
3	Assam	31	7	287	25	359	20	252	6	119	0	8	0	10	0
4	Bihar	679	71	687	38	580	30	275	3	46	0	228	12	1,630	612
5	Chhattisgarh	101	1	872	8	885	12	726	9	438	3	120	0	111	0
6	Goa	0	0	37	2	35	1	35	2	34	0	17	0	0	0
7	Gujarat	104	4	799	19	1,022	27	823	14	450	10	103	6	13	0
8	Haryana	173	34	327	42	456	31	324	19	184	12	71	7	441	33
9	Himachal Pradesh	19	1	97	0	143	2	116	2	73	2	19	0	4	0
10	Jharkhand	100	5	549	21	510	11	405	13	151	3	27	0	91	6
11	Karnataka	64	1	1,243	18	1,581	24	1,126	19	803	6	234	2	0	0
12	Kerala	22	0	395	5	426	12	348	17	519	17	306	4	58	1
13	Madhya Pradesh	227	18	1,488	65	1,839	63	1,385	32	680	12	140	2	202	14
14	Maharashtra	122	4	1,583	42	2,423	57	2,084	50	1,269	14	212	1	91	1
15	Manipur	1	0	12	2	20	1	10	0	3	0	0	0	0	0
16	Meghalaya	0	0	7	1	29	1	21	1	6	0	2	0	0	0
17	Mizoram	5	1	12	1	21	1	15	2	7	0	0	0	0	0
18	Nagaland	0	0	6	0	5	0	8	0	3	0	0	0	7	0
19	Odisha	67	0	661	30	830	25	555	18	327	10	37	0	90	5
20	Punjab	72	4	644	26	694	33	596	12	435	14	334	4	84	3
21	Rajasthan	98	6	1,348	22	1,649	18	1,110	13	529	2	69	1	69	0
22	Sikkim	0	0	17	0	6	0	8	0	2	0	0	0	0	0
23	Tamil Nadu	153	10	1,548	46	2,445	90	2,071	94	2,402	94	1,290	53	1	0
24	Telangana	69	0	707	9	1,058	13	867	15	613	4	181	0	21	0
25	Tripura	1	0	19	0	31	1	18	0	17	0	5	0	0	0
26	Uttarakhand	15	0	88	0	133	1	81	3	50	0	12	0	4	0
27	Uttar Pradesh	746	20	2,364	74	2,402	67	1,933	40	1,177	16	480	5	292	7
28	West Bengal	47	3	73	4	330	8	255	7	346	1	111	0	60	0
29	A & N Islands	0	0	1	0	3	0	2	0	1	0	0	0	0	0
30	Chandigarh	0	0	5	1	12	2	5	0	6	0	2	0	0	0
31	D & N Haveli	2	0	19	0	12	0	7	0	3	0	2	0	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	13	1	105	9	117	10	132	12	76	0	20	1	23	7
34	Jammu & Kashmir	121	0	53	30	72	18	62	9	37	3	8	0	12	0
35	Ladakh	0	0	5	1	9	0	5	0	2	0	0	0	0	0
36	Lakshadweep	0	0	1	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	2	1	12	0	13	2	20	3	21	5	19	14	0	0
	Total	3,239	207	16,910	565	21,171	643	16,562	463	11,439	236	4,267	117	3,319	689

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Passengers Killed according to classification of age and sex, 2022

S.No	State/UT	Less than 18		18-25		25-35		35-45		45-60		60 and Above		Age not known
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
1	Andhra Pradesh	2	3	59	368	107	515	180	487	180	381	116	129	50
2	Arunachal Pradesh	4	1	10	0	5	1	9	1	2	0	0	0	0
3	Assam	43	31	148	82	265	96	81	105	70	99	8	2	10
4	Bihar	402	126	314	122	265	97	181	84	92	33	169	64	2,448
5	Chhattisgarh	141	35	262	57	282	89	194	117	152	127	66	52	54
6	Goa	0	0	7	1	10	3	12	5	9	6	0	2	0
7	Gujarat	135	64	359	144	557	194	431	163	234	101	63	37	7
8	Haryana	91	46	169	70	268	79	157	37	123	45	65	16	121
9	Himachal Pradesh	24	10	50	16	85	13	50	23	44	13	14	7	2
10	Jharkhand	102	29	241	40	225	45	241	45	175	32	89	29	105
11	Karnataka	195	77	649	127	1,061	278	775	213	553	211	158	96	0
12	Kerala	51	36	144	21	73	37	82	46	111	118	107	79	17
13	Madhya Pradesh	343	113	862	300	1,021	395	900	334	557	209	197	74	111
14	Maharashtra	158	56	598	175	891	264	858	253	566	198	104	43	41
15	Manipur	0	4	5	4	10	2	10	0	5	0	0	0	0
16	Meghalaya	1	3	7	3	13	2	9	4	4	2	2	1	0
17	Mizoram	5	1	8	0	8	2	6	0	1	3	3	1	0
18	Nagaland	2	1	11	2	8	0	2	1	2	0	4	0	0
19	Odisha	90	19	350	76	436	92	282	80	187	70	44	14	62
20	Punjab	40	17	130	77	158	80	146	72	104	52	50	41	9
21	Rajasthan	192	70	809	190	1,017	309	786	219	468	132	131	25	20
22	Sikkim	2	2	7	1	10	7	6	2	6	0	0	7	0
23	Tamil Nadu	195	75	319	82	319	149	265	193	333	353	247	208	1
24	Telangana	118	45	325	68	501	148	532	192	262	141	100	43	0
25	Tripura	1	2	16	2	16	4	9	0	6	4	1	0	0
26	Uttarakhand	23	7	43	12	64	21	67	13	59	17	19	6	1
27	Uttar Pradesh	594	193	1,729	570	1,787	595	1,465	468	919	292	432	132	326
28	West Bengal	62	44	249	88	364	86	265	105	138	139	54	46	0
29	Andaman & Nicobar Islands	0	0	2	1	3	1	1	0	0	0	0	0	0
30	Chandigarh	0	1	1	1	7	1	1	0	1	1	0	1	0
31	Dadra & Nagar Haveli	2	0	5	2	1	0	1	3	2	1	1	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	9	1	48	2	66	4	73	3	21	5	12	2	11
34	Jammu & Kashmir	17	15	28	24	20	31	22	11	11	9	9	0	52
35	Ladakh	0	0	8	1	11	3	13	0	0	0	0	0	0
36	Lakshadweep	0	0	0	0	0	1	0	0	0	0	0	0	0
37	Puducherry	5	1	1	1	0	1	1	2	1	1	3	3	0
	Total	3,198	1,184	8,282	2,469	10,343	3,309	8,420	2,974	5,599	2,530	2,281	1,074	3,410
														1,202

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Pedestrians killed according to classification of age and sex, 2022

S. No.	State/UT	Less than 18 years		18-25 Years		25-35 Years		35-45 Years		45-60 Years		60 and Above		Age not known	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Andhra Pradesh	41	22	156	33	237	48	303	47	295	105	237	73	5	2
2	Arunachal Pradesh	0	0	0	1	2	0	1	1	2	0	0	0	0	0
3	Assam	42	11	106	15	87	46	30	74	38	35	7	0	11	4
4	Bihar	442	162	405	161	367	155	421	131	223	71	238	82	479	45
5	Chhattisgarh	49	23	68	20	104	29	123	21	122	44	76	31	16	15
6	Goa	1	1	6	1	2	2	9	2	8	5	11	3	0	0
7	Gujarat	76	31	188	27	335	61	310	54	269	44	136	24	12	1
8	Haryana	49	19	128	24	207	49	148	21	136	32	55	26	284	53
9	Himachal Pradesh	11	7	17	2	33	6	26	5	40	10	28	12	2	0
10	Jharkhand	31	6	70	14	77	16	63	25	82	34	34	7	18	2
11	Karnataka	60	28	183	31	339	45	458	77	440	115	271	58	0	0
12	Kerala	15	10	16	0	52	6	78	12	246	42	496	143	34	8
13	Madhya Pradesh	117	37	245	45	341	89	300	76	232	31	81	20	52	6
14	Maharashtra	78	21	292	43	552	67	615	105	565	133	278	86	55	4
15	Manipur	2	1	4	1	7	2	6	0	3	3	1	2	0	0
16	Meghalaya	2	2	7	0	10	1	6	1	7	2	2	2	0	0
17	Mizoram	2	1	0	0	0	0	2	1	1	0	1	1	0	0
18	Nagaland	0	1	1	0	2	0	1	0	0	1	1	0	3	0
19	Odisha	24	9	100	17	128	23	140	32	158	36	69	20	39	5
20	Punjab	17	4	80	16	110	19	134	29	118	16	40	5	18	2
21	Rajasthan	91	26	319	51	416	91	339	75	205	45	62	12	12	1
22	Sikkim	0	0	0	0	5	0	0	1	1	0	0	2	0	0
23	Tamil Nadu	92	38	110	15	281	39	469	74	1,004	282	1,397	605	20	1
24	Telangana	39	29	87	14	224	43	303	71	299	94	183	67	4	1
25	Tripura	5	1	5	4	24	8	8	3	11	1	8	3	0	0
26	Uttarakhand	13	7	49	3	45	13	69	8	47	10	19	6	1	0
27	Uttar Pradesh	132	46	321	76	398	86	330	82	234	66	97	24	52	15
28	West Bengal	114	69	217	26	466	64	471	65	690	196	352	131	62	15
29	A & N Islands	0	0	0	0	0	0	0	1	0	1	0	1	0	0
30	Chandigarh	1	1	0	0	1	0	5	0	5	2	3	4	0	0
31	Dadra & Nagar Haveli	3	0	0	0	4	0	2	0	6	0	5	1	0	0
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	10	4	103	15	132	10	125	18	139	18	22	9	22	2
34	Jammu & Kashmir	25	6	21	10	15	8	17	7	4	5	6	0	0	0
35	Ladakh	0	0	1	0	0	0	2	0	1	0	0	0	0	0
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	0	0	2	0	1	0	5	1	8	3	15	11	0	0
Total		1,584	623	3,308	665	5,004	1,026	5,320	1,119	5,643	1,480	4,230	1,477	1,201	182

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Percentage share in Total Registered Motor Vehicles in India as on 31st March

S. No.	States/UTs	2017	2018	2019	2020
1	2	3	4	5	6
1	Andhra Pradesh	3.8	4.0	4.0	4.0
2	Arunachal Pradesh	0.1	0.1	0.1	0.1
3	Assam	1.2	1.3	1.3	1.3
4	Bihar	2.5	2.7	2.9	3.0
5	Chhattisgarh	2.1	2.1	2.1	2.1
6	Goa	0.5	0.5	0.5	0.4
7	Gujarat	8.7	8.7	8.5	8.2
8	Haryana	3.7	2.8	2.9	2.6
9	Himachal Pradesh	0.5	0.5	0.6	0.5
10	Jharkhand	1.3	1.5	1.5	1.6
11	Karnataka	7.1	7.1	7.1	8.0
12	Kerala	4.5	4.5	4.5	4.3
13	Madhya Pradesh	5.2	4.8	4.4	5.5
14	Maharashtra	11.9	12.0	11.9	11.6
15	Manipur	0.1	0.1	0.1	0.1
16	Meghalaya	0.2	0.1	0.1	0.1
17	Mizoram	0.1	0.1	0.1	0.1
18	Nagaland	0.2	0.2	0.2	0.2
19	Odisha	2.6	2.7	2.8	2.8
20	Punjab	3.9	3.5	3.6	3.5
21	Rajasthan	5.9	6.0	6.0	5.9
22	Sikkim	0.0	0.0	0.0	0.0
23	Tamil Nadu	10.3	10.3	10.2	9.8
24	Telangana	3.9	4.0	4.1	4.0
25	Tripura	0.2	0.2	0.2	0.2
26	Uttarakhand	0.8	0.9	0.9	0.9
27	Uttar Pradesh	10.4	10.8	11.0	10.7
28	West Bengal	2.9	3.1	3.3	3.3
29	Andaman & Nicobar Islands	0.0	0.0	0.0	0.0
30	Chandigarh	0.3	0.3	0.3	0.3
31	Dadra & Nagar Haveli	0.0	0.0	0.0	0.1
32	Daman & Diu	0.0	@	@	@
33	Delhi	4.1	3.9	3.8	3.6
34	Jammu & Kashmir	0.6	0.6	0.6	0.6
35	Ladakh	NA	NA	NA	NA
36	Lakshadweep	0.0	0.0	0.0	0.0
37	Puducherry	0.4	0.4	0.4	0.3
Total		100	100	100	100

@ Details of Daman and Diu included in Dadar & Nagar Haveli as separate data was not furnished

NA : Not Available

Accidents Classified according to Type of Traffic Violations during the calendar year 2022

S. No	States/UTs	Over-Speeding						Drunken Driving/ Consumption of alcohol & drug						Driving on Wrong side								
		Number of Accidents			Persons Killed			Persons Injured			Persons Killed			Persons Injured			Persons Killed			Persons Injured		
		Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured	Grievously Injured	Minor Injury	Total Injured	Number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
1	Andhra Pradesh	17,290	8	6,760	8	4,709	12,341	17,050	109	31	23	95	118	1,003	322	363	694	1,057				
2	Arunachal Pradesh	87	31	65	28	55	15	70	37	22	29	6	35	32	15	19	7	26				
3	Assam	4,573	16	1,933	18	3,245	443	3,688	284	139	267	7	274	794	330	568	40	608				
4	Bihar	6,049	14	4,928	10	3,667	101	3,768	71	40	64	8	72	1,526	1,309	1,013	35	1,048				
5	Chhattisgarh	10,934	11	4,808	11	1,471	8,238	9,709	111	40	8	123	131	476	147	87	400	487				
6	Goa	2,751	20	240	23	252	805	1,057	6	2	0	3	3	0	0	0	0	0	0	0	0	
7	Gujarat	14,701	10	7,236	7	8,242	5,766	14,008	51	7	10	16	26	612	231	331	301	632				
8	Haryana	6,864	13	3,489	13	1,005	4,112	5,117	141	89	30	53	83	524	176	114	324	438				
9	Himachal Pradesh	927	23	304	22	431	909	1,340	44	24	30	44	74	396	159	261	418	679				
10	Jharkhand	4,128	17	3,131	14	2,302	496	2,798	203	125	172	31	203	227	133	151	83	234				
11	Karnataka	35,550	3	10,723	3	19,919	22,216	42,135	178	82	85	54	139	1,059	195	733	1,035	1,768				
12	Kerala	25,004	4	2,282	16	20,097	8,199	28,296	180	31	101	61	162	2,159	198	1,691	866	2,557				
13	Madhya Pradesh	41,688	2	10,356	4	5,179	36,395	41,574	1,472	342	272	1,516	1,788	3,081	760	565	2,776	3,341				
14	Maharashtra	24,554	5	11,493	2	14,779	5,337	20,116	335	133	172	97	269	1,448	730	724	266	990				
15	Manipur	417	25	96	25	202	488	690	24	7	8	36	44	16	5	0	24	24				
16	Meghalaya	148	29	96	25	125	64	189	11	7	12	7	19	13	9	12	0	12				
17	Mizoram	62	33	57	30	23	23	46	14	13	10	11	21	22	14	6	7	13				
18	Nagaland	140	30	25	32	16	78	94	80	8	16	45	61	40	2	7	17	24				
19	Odisha	7,383	12	3,675	12	3,893	2,421	6,314	654	301	285	281	566	1,140	432	624	449	1,073				
20	Punjab	4,046	19	3,090	15	1,562	661	2,223	144	118	88	20	108	643	502	265	136	401				
21	Rajasthan	18,963	6	8,998	6	5,062	12,886	17,948	212	98	74	164	238	1,043	491	281	772	1,053				
22	Sikkim	51	34	20	33	38	64	102	22	3	12	17	29	26	3	33	23	56				
23	Tamil Nadu	57,321	1	15,653	1	20,595	39,927	60,522	264	71	74	206	280	5	4	0	2	2				
24	Telangana	18,395	7	6,592	9	3,147	13,946	17,093	797	190	31	762	793	421	95	72	409	481				
25	Tripura	478	24	205	24	421	18	439	0	0	0	0	0	97	36	101	1	102				
26	Uttarakhand	1,325	22	782	20	915	264	1,179	13	7	6	2	8	96	49	56	14	70				
27	Uttar Pradesh	16,607	9	9,297	5	7,342	3,455	10,797	4,220	2,186	1,778	1,128	2,906	5,014	2,580	2,275	1,405	3,680				
28	West Bengal	4,080	18	1,937	17	3,431	567	3,998	87	12	37	31	68	90	45	72	18	90				
29	A & N Islands	18	35	2	35	5	14	19	27	3	6	16	22	4	0	1	4	5				
30	Chandigarh	186	27	59	29	14	142	156	24	8	0	24	24	4	3	1	5	6				
31	D & N Haveli	169	28	74	27	133	96	229	13	6	7	24	31	5	4	4	6	10				
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	2,144	21	648	21	70	1,659	1,729	196	51	19	149	168	448	105	16	463	479				
34	Jammu & Kashmir	5,990	15	797	19	3,276	4,725	8,001	0	0	0	0	0	78	8	36	222	258				
35	Ladakh	212	26	35	31	17	197	214	48	4	3	39	42	36	2	2	33	35				
36	Lakshadweep	3	36	2	35	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
37	Puducherry	85	32	16	34	41	44	85	8	1	3	4	5	0	1	5	6	6	10			
	Total	3,33,323	1,19,904	1,35,683	1,87,112	3,22,795	10,080	4,201	3,730	5,079	8,809	22,586	9,094	10,485	11,260	21,745						

*Contd...**In J&K UT under jumping red light category road accidents figures is not reported.**NA: Not Available; Note: Data of Daman & Diu is included in Daura & Nagar Haveli from 2020 onwards*

Accidents Classified according to Type of Traffic Violations during the calendar year 2022

S. No	States/UTs	Jumping Red Light						Use of Mobile Phone						Others					
		Persons Injured			Number of Accidents			Persons Killed			Persons Injured			Number of Accidents			Persons Killed		
		Grievously Injured	Minor Injury	Total Injured	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	Andhra Pradesh	24	6	39	41	354	126	135	251	386	2,469	1,048	562	2,126	2,688				
2	Arunachal Pradesh	0	0	0	0	0	0	0	10	5	2	4	6	61	41	37	12	49	
3	Assam	187	60	140	16	156	276	122	228	18	246	909	410	603	62	665			
4	Bihar	0	0	0	0	0	0	20	13	9	0	9	3,135	2,608	2,123	48	2,171		
5	Chhattisgarh	80	8	3	45	48	28	7	5	21	26	1,650	824	250	1,044	1,294			
6	Goa	14	0	0	0	0	0	0	0	0	0	0	0	237	29	16	15	31	
7	Gujarat	0	0	0	0	0	0	0	26	6	21	17	38	361	138	178	207	385	
8	Haryana	61	34	15	17	32	281	75	24	95	119	2,558	1,052	489	2,241	2,730			
9	Himachal Pradesh	0	0	0	0	0	0	19	12	16	13	29	1,211	533	525	1,416	1,941		
10	Jharkhand	3	0	0	0	0	0	31	12	24	14	38	583	497	357	117	474		
11	Karnataka	17	4	11	8	19	13	5	4	6	10	2,945	693	1,965	2,118	4,083			
12	Kerala	51	2	33	18	51	80	7	60	26	86	16,436	1,797	12,656	5,499	18,155			
13	Madhya Pradesh	324	18	45	247	292	1,115	338	129	1,135	1,264	6,752	1,613	758	6,151	6,909			
14	Maharashtra	51	32	17	32	49	52	27	24	13	37	6,943	2,809	3,824	1,954	5,778			
15	Manipur	0	0	0	0	0	0	1	0	0	2	2	50	19	25	32	57		
16	Meghalaya	0	0	0	0	0	0	1	0	2	0	2	73	50	60	28	88		
17	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	35	29	10	17	27	
18	Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	229	38	27	85	112	
19	Odisha	119	34	66	34	100	347	120	201	99	300	2,020	905	1,087	862	1,949			
20	Punjab	131	102	36	13	49	184	139	64	26	90	990	805	330	123	453			
21	Rajasthan	15	4	7	18	25	131	58	72	70	142	3,250	1,455	1,175	1,712	2,887			
22	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	112	66	72	95	167	
23	Tamil Nadu	483	116	213	362	575	39	12	14	16	30	5,993	2,028	1,836	4,458	6,294			
24	Telangana	64	3	4	57	61	25	9	3	16	19	1,917	670	180	1,582	1,762			
25	Tripura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26	Uttarakhand	1	0	0	1	1	1	1	0	0	0	0	0	238	203	241	114	355	
27	Uttar Pradesh	1,860	917	839	554	1,393	4,238	2,245	1,873	1,132	3,005	9,807	5,370	4,077	2,683	6,760			
28	West Bengal	29	7	22	1	23	14	6	14	1	15	9,386	3,995	7,139	1,510	8,649			
29	A & N Islands	0	0	0	0	0	0	0	0	0	0	92	14	48	42	90			
30	Chandigarh	9	4	3	6	9	0	0	0	0	0	14	9	0	8	8			
31	D & N Haveli	0	0	0	0	0	0	0	0	0	0	0	9	6	1	2	3		
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
33	Delhi	498	111	28	498	526	239	49	23	212	235	2,127	497	82	1,982	2,064			
34	Jammu & Kashmir	0	0	0	0	0	0	24	0	15	98	113	0	0	0	0	0		
35	Ladakh	0	0	0	0	0	0	9	1	1	7	8	69	20	6	41	47		
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
37	Puducherry	0	0	0	0	0	0	0	0	0	0	1,083	164	590	597	1,187			
	Total	4,021	1,462	1,484	1,966	3,450	7,558	3,395	2,963	3,292	6,255	30,435	41,329	38,983	80,312				

In J & k UT under jumping red light category road accidents figures is not reported. NA: Not Available; Note: Data of Daman & Diu is included in Dadar & Nagar Haveli from 2020 onwards

Accidents classified according to Licence of Drivers during the calendar year 2022

S.No	States	Valid Permanent License Number	Learner's Licence	Without Licence	Others (Not known)	Total Accidents
1	2	3	4	5	6	7
1	Andhra Pradesh	14,794	719	2,621	3,115	21,249
2	Arunachal Pradesh	113	9	40	65	227
3	Assam	4,677	940	383	1,023	7,023
4	Bihar	5,922	825	466	3,588	10,801
5	Chhattisgarh	8,430	581	1,581	2,687	13,279
6	Goa	2,891	1	84	35	3,011
7	Gujarat	11,948	1,139	1,054	1,610	15,751
8	Haryana	4,005	142	531	5,751	10,429
9	Himachal Pradesh	1,870	23	416	288	2,597
10	Jharkhand	1,117	404	849	2,805	5,175
11	Karnataka	31,605	925	4,625	2,607	39,762
12	Kerala	31,883	193	828	11,006	43,910
13	Madhya Pradesh	34,731	2,857	5,287	11,557	54,432
14	Maharashtra	28,006	574	871	3,932	33,383
15	Manipur	422	33	8	45	508
16	Meghalaya	159	0	15	72	246
17	Mizoram	101	2	26	4	133
18	Nagaland	227	42	72	148	489
19	Odisha	7,381	875	1,283	2,124	11,663
20	Punjab	3,984	987	598	569	6,138
21	Rajasthan	19,793	469	340	3,012	23,614
22	Sikkim	166	12	16	17	211
23	Tamil Nadu	47,525	1,735	4,842	10,003	64,105
24	Telangana	16,169	467	1,278	3,705	21,619
25	Tripura	549	16	6	4	575
26	Uttarakhand	1,180	44	7	443	1,674
27	Uttar Pradesh	25,128	3,569	3,705	9,344	41,746
28	West Bengal	6,516	349	3,416	3,405	13,686
29	A & N Islands	133	0	7	1	141
30	Chandigarh	236	0	1	0	237
31	D & N Haveli	152	3	31	10	196
32	Daman & Diu	NA	NA	NA	NA	NA
33	Delhi	3,272	69	146	2,165	5,652
34	Jammu & Kashmir	4,123	241	126	1,602	6,092
35	Ladakh	260	45	37	32	374
36	Lakshadweep	2	0	1	0	3
37	Puducherry	765	8	328	80	1,181
Total		3,20,235	18,298	35,925	86,854	4,61,312

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Victims Classified according to Non-Use of Safety Device (Non Wearing of Helmet) during the calendar year 2022

S.No	States/UTs	Drivers				Passengers					
		Persons Killed		Persons Injured		Persons Killed		Persons Injured			
		Number	Rank	Grievously Injured	Minor Injury	Total Injured	Number	Rank	Grievously Injured	Minor Injury	Total Injured
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	2,072	8	1,299	2,709	4,008	970	5	558	2,135	2,693
2	Arunachal Pradesh	25	25	18	5	23	7	27	16	3	19
3	Assam	210	18	312	28	340	137	17	208	17	225
4	Bihar	555	14	566	15	581	405	13	453	29	482
5	Chhattisgarh	2,867	5	694	3,041	3,735	847	8	326	2,054	2,380
6	Goa	81	22	44	134	178	30	22	14	37	51
7	Gujarat	1,814	10	1,626	841	2,467	656	10	793	545	1,338
8	Haryana	395	15	231	409	640	176	16	98	181	279
9	Himachal Pradesh	118	20	141	138	279	32	21	65	93	158
10	Jharkhand	1,069	12	685	112	797	533	12	473	118	591
11	Karnataka	2,067	9	3,003	2,229	5,232	856	7	1,839	1,721	3,560
12	Kerala	305	16	483	138	621	229	15	1,044	825	1,869
13	Madhya Pradesh	3,444	4	1,632	11,492	13,124	1,425	3	715	5,396	6,111
14	Maharashtra	3,782	3	3,211	1,099	4,310	1,497	2	2,063	733	2,796
15	Manipur	9	28	9	39	48	13	24	27	91	118
16	Meghalaya	8	30	1	0	1	6	28	3	1	4
17	Mizoram	5	32	2	2	4	3	3	3	0	3
18	Nagaland	9	28	12	24	36	4	30	11	23	34
19	Odisha	1,103	11	974	500	1,474	592	11	669	472	1,141
20	Punjab	573	13	269	100	369	238	14	101	77	178
21	Rajasthan	2,092	7	893	2,127	3,020	960	6	698	1,551	2,249
22	Sikkim	0	34	0	0	0	0	0	33	1	1
23	Tamil Nadu	6,344	1	5,045	7,142	12,187	1,268	4	852	4,279	5,131
24	Telangana	2,190	6	784	3,465	4,249	773	9	288	2,299	2,587
25	Tripura	15	27	20	0	20	8	26	18	0	18
26	Uttarakhand	148	19	132	12	144	76	18	123	24	147
27	Uttar Pradesh	3,883	2	2,583	1,528	4,111	2,466	1	2,097	1,171	3,268
28	West Bengal	294	17	457	33	490	63	19	101	18	119
29	A & N Islands	0	34	0	0	0	0	33	0	0	0
30	Chandigarh	7	31	1	8	9	5	29	2	11	13
31	D & N Haveli	43	24	42	12	54	11	25	39	28	67
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	23	26	13	37	50	14	23	11	18	29
34	Jammu & Kashmir	45	23	59	244	303	36	20	95	262	357
35	Ladakh	3	33	1	5	6	1	32	1	2	3
36	Lakshadweep	0	34	0	0	0	0	33	0	0	0
37	Puducherry	94	21	272	402	674	0	33	118	170	288
	Total	35,692	25,514	38,070	63,584	14,337	13,923	24,384	38,307		

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Non-Use of Safety Device (Non-Wearing of Seat Belt) by Victims during the calendar year 2022

S.No	States/UTs	Drivers						Passengers					
		Persons Killed		Persons Injured		Total Injured		Persons Killed		Persons Injured		Total Injured	
		Number	Rank	Grievously Injured	Minor Injury	Total Injured		Number	Rank	Grievously Injured	Minor Injury	Total Injured	
1	2	3	4	5	6	7	8	411	7	24	5	28	21
1	Andhra Pradesh	484	6	236	593	829	8	233	11	855	11	12	8
2	Arunachal Pradesh	10	24	18	6	24	5	255	13	141	14	155	29
3	Assam	195	15	169	38	207	207	0	32	0	0	0	0
4	Bihar	180	16	214	18	232	0	141	6	11	6	11	11
5	Chhattisgarh	319	10	88	530	618	317	10	126	1,093	1,219		
6	Goa	0	32	7	15	22	10	21	8	12	20		
7	Gujarat	495	5	475	389	864	396	8	562	435	997		
8	Haryana	213	14	177	217	394	145	14	149	137	286		
9	Himachal Pradesh	166	17	108	287	395	123	15	97	197	294		
10	Jharkhand	327	8	249	44	293	416	6	277	73	350		
11	Karnataka	476	7	803	798	1,601	638	5	1,112	1,504	2,616		
12	Kerala	14	22	55	40	95	60	17	462	528	990		
13	Madhya Pradesh	925	2	486	2,917	3,403	884	3	498	4,165	4,663		
14	Maharashtra	771	3	887	355	1,242	750	4	1,228	428	1,656		
15	Manipur	7	25	5	29	34	9	22	16	47	63		
16	Meghalaya	7	25	1	2	3	3	30	0	0	0		
17	Mizoram	3	29	2	2	4	3	30	3	3	6		
18	Nagaland	11	23	13	45	58	8	23	10	39	49		
19	Odisha	234	13	348	303	651	269	12	434	322	756		
20	Punjab	265	12	113	46	159	107	16	68	30	98		
21	Rajasthan	680	4	583	808	1,391	968	2	806	1,381	2,187		
22	Sikkim	0	32	0	0	0	0	32	1	3	4		
23	Tamil Nadu	325	9	306	777	1,083	296	11	288	2,105	2,393		
24	Telangana	271	11	75	624	699	364	9	109	1,177	1,286		
25	Tripura	4	28	7	0	7	11	20	43	0	43		
26	Uttarakhand	36	19	20	8	28	7	25	13	21	34		
27	Uttar Pradesh	1,847	1	1,474	931	2,405	1,764	1	1,580	889	2,469		
28	West Bengal	15	21	62	24	86	54	18	251	143	394		
29	A & N Islands	0	32	0	0	0	0	32	0	0	0		
30	Chandigarh	0	32	0	0	0	0	32	0	0	0		
31	D & N Haveli	3	29	8	3	11	7	25	29	54	83		
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
33	Delhi	5	27	4	14	18	7	25	5	6	11		
34	Jammu & Kashmir	74	18	73	232	305	39	19	321	452	773		
35	Ladakh	22	20	3	52	55	5	28	6	69	75		
36	Lakshadweep	0	32	0	0	0	0	32	0	0	0		
37	Puducherry	0	32	0	0	0	0	32	0	0	0		
	Total	8,384		7,069	10,147	17,216	8,331		8,897	16,190	25,087		

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Total Number of Accidents, Number of Persons Killed and Number of Persons Injured in Road Accidents in Urban & Rural Areas: 2022

S. No.	States/UTs	Urban						Rural						Total			
		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Persons Injured		Persons Injured		Persons Injured	
		Total Grievously Injured	Minor Injury	Total Injured	Minor Injury	Total Killed	Grievously Injured	Total Injured	Minor Injury	Total Killed	Grievously Injured	Total Injured	Minor Injury	Total Killed	Grievously Injured	Total Injured	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Andhra Pradesh	7,403	2,092	2,226	4,414	6,640	13,846	6,201	3,568	11,132	14,700	21,249	8,293	5,794	15,546	21,340	
2	Arunachal Pradesh	160	103	113	29	142	67	45	29	15	44	227	148	142	44	186	
3	Assam	3,780	1,591	2,726	3,084	3,243	1,403	2,325	228	2,553	7,023	2,994	5,051	586	5,637		
4	Bihar	3,483	2,859	2,125	76	2,201	7,318	6,039	4,751	116	4,867	10,801	8,898	6,876	192	7,068	
5	Chhattisgarh	4,464	1,168	436	3,055	3,491	8,815	4,666	1,388	6,816	8,204	13,279	5,834	1,824	9,871	11,695	
6	Goa	919	77	69	272	341	2,092	194	199	551	750	3,011	271	268	823	1,091	
7	Gujarat	6,230	2,260	3,181	2,094	5,275	9,521	5,358	5,601	4,213	9,814	15,751	7,618	8,782	6,307	15,089	
8	Haryana	4,800	2,166	717	3,249	3,966	5,629	2,749	960	3,593	4,553	10,429	4,915	1,677	6,842	8,519	
9	Himachal Pradesh	561	160	281	425	706	2,036	872	982	2,375	3,357	2,597	1,032	1,263	2,800	4,063	
10	Jharkhand	1,351	855	718	186	904	3,824	3,043	2,288	555	2,843	5,175	3,898	3,006	741	3,747	
11	Karnataka	13,439	3,022	7,765	6,542	14,307	26,323	8,680	14,952	18,895	33,847	39,762	11,702	22,717	25,437	48,154	
12	Kerala	11,957	1,090	9,160	3,622	12,782	31,953	3,227	25,478	11,047	36,525	43,910	4,317	34,638	14,669	49,307	
13	Madhya Pradesh	24,038	3,896	2,247	20,525	22,772	30,394	9,531	4,701	27,695	32,396	54,432	13,427	6,948	48,220	55,168	
14	Maharashtra	12,409	4,164	7,147	3,094	10,241	20,974	11,060	12,393	4,605	16,998	33,383	15,224	19,540	7,699	27,239	
15	Manipur	190	44	64	238	302	318	83	171	344	515	508	127	235	582	817	
16	Meghalaya	61	37	36	17	53	185	125	175	82	257	246	162	211	99	310	
17	Mizoram	72	59	22	26	48	61	54	27	32	59	133	113	49	58	107	
18	Nagaland	377	49	40	141	181	112	24	26	84	110	489	73	66	225	291	
19	Odisha	4,184	1,710	2,140	1,316	3,456	7,479	3,757	4,016	2,830	6,846	11,663	5,467	6,156	4,146	10,302	
20	Punjab	2,941	2,144	1,233	441	1,674	3,197	2,612	1,112	538	1,650	6,138	4,756	2,345	979	3,324	
21	Rajasthan	7,452	2,704	1,957	4,828	6,785	16,162	8,400	4,714	10,794	15,508	23,614	11,104	6,671	15,622	22,293	
22	Sikkim	105	14	69	138	207	106	78	86	61	147	211	92	155	199	354	
23	Tamil Nadu	20,945	5,137	7,984	13,392	21,376	43,160	12,747	14,748	31,579	46,327	64,105	17,884	22,732	44,971	67,703	
24	Telangana	12,203	2,988	1,641	9,588	11,229	9,416	4,571	1,796	7,184	8,980	21,619	7,559	3,437	16,772	20,209	
25	Tripura	226	75	199	3	202	349	166	323	16	339	575	241	522	19	541	
26	Uttarakhand	829	355	584	179	763	845	687	634	216	850	1,674	1,042	1,218	395	1,613	
27	Uttar Pradesh	19,060	10,038	7,909	5,151	13,060	22,586	12,557	10,275	5,206	15,481	41,746	22,595	18,184	10,357	28,541	
28	West Bengal	4,887	1,525	3,287	930	4,217	8,799	4,477	7,428	1,198	8,626	13,686	6,002	10,715	2,128	12,843	
29	A & N Islands	79	5	37	43	80	62	14	23	33	56	141	19	60	76	136	
30	Chandigarh	237	83	18	185	203	0	0	0	0	0	237	83	18	185	203	
31	Dadra & Nagar Haveli	57	27	37	34	71	139	63	108	94	202	196	90	145	128	273	
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	5,564	1,430	225	4,898	5,123	88	31	13	65	78	5,652	1,461	238	4,963	5,201	
34	Jammu & Kashmir	2,135	203	1,158	1,690	2,848	3,957	602	2,169	3,355	5,524	6,092	805	3,327	5,045	8,372	
35	Ladakh	104	18	12	96	108	270	44	17	221	238	374	62	29	317	346	
36	Lakshadweep	0	0	0	0	0	3	2	0	2	3	2	2	0	0	2	
37	Puducherry	567	82	239	347	606	614	99	374	302	676	1,81	181	633	649	1,282	
	Total	1,77,269	54,230	67,822	91,622	1,59,444	2,84,043	1,14,261	1,27,852	1,56,070	2,83,922	4,61,312	1,68,491	1,95,674	2,47,692	4,43,366	

NA: Not Available; Note: Data of Daman & Diu is included in Doda & Nagar Haveli from 2020 onwards

Fatal Road Accidents in Rural and Urban Areas during the calendar year 2022

S.No	State/UTs	Urban	Rural	Total
1	2	3	4	5
1	Andhra Pradesh	1,993	5,695	7,688
2	Arunachal Pradesh	87	36	123
3	Assam	1,493	1,344	2,837
4	Bihar	2,578	5,664	8,242
5	Chhattisgarh	1,103	4,343	5,446
6	Goa	72	181	253
7	Gujarat	2,114	4,885	6,999
8	Haryana	2,025	2,568	4,593
9	Himachal Pradesh	144	720	864
10	Jharkhand	798	2,772	3,570
11	Karnataka	2,851	8,003	10,854
12	Kerala	1,047	3,057	4,104
13	Madhya Pradesh	3,617	8,566	12,183
14	Maharashtra	3,901	10,157	14,058
15	Manipur	38	71	109
16	Meghalaya	35	112	147
17	Mizoram	48	46	94
18	Nagaland	47	20	67
19	Odisha	1,602	3,538	5,140
20	Punjab	2,020	2,398	4,418
21	Rajasthan	2,498	7,563	10,061
22	Sikkim	22	36	58
23	Tamil Nadu	4,954	12,126	17,080
24	Telangana	2,830	4,227	7,057
25	Tripura	72	160	232
26	Uttarakhand	357	494	851
27	Uttar Pradesh	9,033	11,491	20,524
28	West Bengal	1,462	4,164	5,626
29	Andaman & Nicobar Islands	5	14	19
30	Chandigarh	79	0	79
31	Dadra & Nagar Haveli	26	62	88
32	Daman & Diu	NA	NA	NA
33	Delhi	1,398	30	1,428
34	Jammu & Kashmir	166	488	654
35	Ladakh	18	42	60
36	Lakshadweep	0	0	0
37	Puducherry	81	94	175
Total		50,614	1,05,167	1,55,781

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Month-Wise total number of accidents, persons killed and injured during the calendar year 2022

S. No	States/UTs	January						February						March					
		Persons Injured			Fatal Accidents			Persons Injured			Fatal Accidents			Persons Injured			Fatal Accidents		
		Total Accidents	Fatal Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Total Accidents	Fatal Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Total Accidents	Fatal Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	663	1,807	706	518	1,241	1,759	585	1,767	649	516	1,263	1,779	701	1,919	762	556	1,333	1,889
2	Arunachal Pradesh	14	25	16	19	3	22	13	19	14	14	1	15	13	21	16	10	1	11
3	Assam	216	606	227	472	42	514	220	533	227	392	81	473	264	614	277	442	62	504
4	Bihar	581	749	621	495	3	498	568	760	610	547	12	559	671	868	730	556	20	576
5	Chhattisgarh	550	1,250	580	198	958	1,156	491	1,205	537	208	933	1,141	423	1,066	464	169	779	948
6	Goa	19	260	22	18	57	75	22	251	22	15	58	73	23	274	25	22	77	99
7	Gujarat	635	1,354	689	744	492	1,236	633	1,364	672	753	516	1,269	613	1,357	669	776	529	1,305
8	Haryana	295	694	303	128	459	587	328	764	351	114	547	661	425	981	458	136	700	836
9	Himachal Pradesh	67	175	90	70	203	273	55	167	65	84	187	271	63	211	74	107	222	329
10	Jharkhand	296	393	339	246	53	299	289	417	321	226	72	298	315	433	333	228	57	285
11	Karnataka	952	3,226	1,033	1,925	1,844	3,769	939	3,319	1,000	2,041	1,800	3,841	940	3,507	1,022	2,214	2,105	4,319
12	Kerala	367	3,893	383	3,121	1,250	4,371	368	3,356	390	2,629	994	3,623	364	3,788	384	2,964	1,225	4,189
13	Madhya Pradesh	1,064	4,876	1,145	810	4,262	5,072	969	4,566	1,056	759	4,068	1,026	4,827	1,118	697	4,414	5,111	
14	Maharashtra	1,242	2,812	1,343	1,620	602	2,222	1,233	2,748	1,338	1,527	556	2,083	1,252	2,884	1,369	1,588	699	2,287
15	Manipur	9	33	11	11	35	46	5	37	5	18	40	58	8	56	8	31	65	96
16	Meghalaya	15	21	16	15	2	17	17	27	22	34	8	42	16	21	16	7	9	16
17	Mizoram	6	9	6	3	0	3	3	3	3	2	5	7	8	10	10	4	4	8
18	Nagaland	3	3	6	0	9	9	7	77	7	12	36	48	4	73	3	7	26	33
19	Odisha	420	943	462	507	321	828	375	827	401	473	327	800	469	1,066	502	543	339	882
20	Punjab	313	426	353	156	60	216	298	426	314	193	86	279	397	552	427	212	82	294
21	Rajasthan	779	1,961	844	574	1,254	1,828	802	1,948	896	545	1,409	1,954	870	2,014	958	564	1,407	1,971
22	Sikkim	3	16	4	12	9	21	6	17	8	12	6	18	7	22	7	11	10	21
23	Tamil Nadu	1,439	4,972	1,489	2,283	2,542	4,825	1,468	5,115	1,540	2,343	2,738	5,081	1,582	5,771	1,643	2,651	3,288	5,939
24	Telangana	647	1,754	699	293	1,313	1,606	682	1,894	720	337	1,502	1,839	624	1,819	675	325	1,441	1,766
25	Tripura	21	60	22	57	15	72	19	42	20	36	0	36	20	55	22	56	0	56
26	Uttarakhand	57	106	66	73	29	102	46	99	65	74	16	90	87	148	98	101	23	124
27	Uttar Pradesh	1,394	2,711	1,540	1,056	632	1,688	1,513	2,868	1,640	1,229	678	1,907	1,765	3,620	1,982	1,645	940	2,585
28	West Bengal	432	1,021	463	814	150	964	425	959	453	744	160	904	524	1,246	556	921	181	1,102
29	A & Island	1	10	1	2	10	12	1	10	1	4	9	13	3	14	3	5	7	12
30	Chandigarh	2	12	2	0	10	10	8	27	8	1	13	14	6	24	6	5	14	19
31	D & N Haveli	8	12	8	5	11	16	4	6	4	1	2	3	10	16	11	8	4	12
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	113	424	116	19	350	369	111	430	114	22	356	378	130	451	133	18	370	388
34	Jammu & Kashmir	42	330	45	166	205	371	37	433	48	176	387	563	62	518	80	327	441	768
35	Ladakh	2	4	2	0	3	3	1	24	1	0	22	6	17	7	0	12	12	12
36	Lakshadweep	0	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	22	90	24	50	45	95	13	112	14	69	80	149	11	93	11	63	37	100
Total	12,689	37,040	13,677	16,481	18,474	34,955	12,554	36,617	13,536	16,150	18,968	35,118	13,702	40,356	14,859	17,969	20,923	38,892	

*Contd...**NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards*

Month-Wise total number of accidents, persons killed and injured during the calendar year 2022

S. No	States/UTs	April						May						June						Persons Injured				
		Fatal Accidents		Total Accidents		Persons Injured		Fatal Accidents		Total Accidents		Persons Killed		Persons Injured		Fatal Accidents		Total Accidents		Persons Killed		Persons Injured		
		Fatal Accidents	Total Accidents	Persons Killed	Minor Injury	Grievously Injured	Total Injured	Fatal Accidents	Total Accidents	Persons Killed	Minor Injury	Grievously Injured	Total Injured	Fatal Accidents	Total Accidents	Persons Killed	Minor Injury	Grievously Injured	Total Injured	Persons Killed	Minor Injury	Grievously Injured	Total Injured	
1	2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38					
1	Andhra Pradesh	678	1,805	722	560	1,263	1,823	792	2,181	870	634	1,686	2,320	695	1,929	735	545	36	37	1,480	2,025			
2	Arunachal Pradesh	8	14	14	14	14	15	10	21	11	16	12	28	8	14	11	4	1	1	5				
3	Assam	237	566	257	388	53	441	234	580	245	440	52	492	224	500	235	341	25	366					
4	Bihar	729	953	785	693	17	710	993	1,299	1,098	897	27	924	763	1,006	844	646	17	663					
5	Chhattisgarh	446	1,119	486	189	337	1,026	483	1,229	517	191	971	1,162	512	1,144	543	119	848	967					
6	Goa	13	243	13	17	55	72	34	323	36	16	78	94	20	239	21	17	79	96					
7	Gujarat	626	1,382	681	766	524	1,290	713	1,531	787	885	667	1,552	580	1,336	623	757	551	1,308					
8	Haryana	417	952	444	58	717	775	387	927	425	166	682	848	355	813	380	131	511	642					
9	Himachal Pradesh	84	232	99	108	291	399	78	217	99	104	252	356	82	238	96	148	309	457					
10	Jharkhand	300	430	331	281	48	329	492	323	492	365	317	95	412	287	423	300	258	52	310				
11	Karnataka	935	3,312	1,013	2,045	1,909	3,954	1,056	3,637	1,155	2,285	2,131	4,416	917	3,308	1,006	2,026	2,054	4,080					
12	Kerala	348	3,632	364	2,864	1,214	4,078	384	3,670	411	2,887	1,322	4,209	331	3,714	344	2,970	1,202	4,172					
13	Madhya Pradesh	1,059	4,809	1,159	576	4,439	5,015	1,343	5,430	1,480	640	4,935	5,575	1,113	4,455	1,256	535	4,033	4,568					
14	Maharashtra	1,250	2,914	1,364	1,765	767	2,532	1,360	3,197	1,501	2,110	740	2,850	1,197	2,872	1,303	1,630	632	2,262					
15	Manipur	8	32	8	10	37	47	14	33	17	17	29	46	13	44	14	14	23	40	63				
16	Meghalaya	11	22	13	33	9	42	18	26	20	26	3	29	10	20	11	26	14	40					
17	Mizoram	8	14	11	4	7	11	8	12	11	6	8	14	6	11	6	5	2	7					
18	Nagaland	10	63	12	6	22	28	4	39	4	3	9	12	2	38	2	4	38	42					
19	Odisha	435	929	466	471	382	853	510	1,122	543	650	416	1,066	468	1,025	495	556	363	919					
20	Punjab	368	526	403	225	82	307	351	490	374	208	64	272	350	480	378	192	75	267					
21	Rajasthan	876	1,962	986	576	1,375	1,951	971	2,210	1,091	729	1,656	2,385	839	1,971	952	475	1,321	1,796					
22	Sikkim	4	24	4	17	21	38	5	20	10	20	10	30	6	23	11	22	55	77					
23	Tamil Nadu	1,450	5,305	1,539	2,214	3,511	5,725	1,548	5,546	1,616	2,193	3,690	5,883	1,529	5,704	1,607	2,239	3,747	5,986					
24	Telangana	567	1,678	612	322	1,270	1,592	743	2,009	803	369	1,615	1,984	625	1,908	680	343	1,395	1,738					
25	Tripura	21	49	21	31	1	32	14	41	14	43	0	43	15	42	17	50	1	51					
26	Uttarakhand	77	164	89	127	24	151	73	142	91	82	45	127	85	162	124	118	47	165					
27	Uttar Pradesh	1,749	3,581	1,938	1,520	870	2,390	2,191	4,309	2,456	1,865	966	2,831	1,857	3,660	2,012	1,561	977	2,538					
28	West Bengal	447	1,110	476	885	166	1,051	472	1,215	506	984	191	1,175	479	1,159	514	936	224	1,160					
29	A & Island	4	17	4	8	10	18	0	13	0	4	11	15	0	10	0	5	5	10					
30	Chandigarh	6	20	6	1	22	23	6	16	6	2	8	10	11	24	12	1	22	23					
31	D & N Haveli	5	17	5	6	12	8	14	8	8	3	11	8	16	8	10	5	15						
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	118	518	118	18	469	487	114	474	116	9	434	443	127	458	131	20	411	431					
34	Jammu & Kashmir	59	521	72	226	435	661	78	666	86	308	632	940	57	567	67	332	468	800					
35	Ladakh	3	36	3	0	36	36	8	67	8	3	64	67	6	25	7	11	17	28					
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	0	
37	Puducherry	12	82	12	50	31	81	11	109	11	69	71	140	16	93	16	57	35	92					
Total	13,368	39,033	14,530	17,074	20,921	37,995	43,337	16,791	19,186	23,575	42,761	13,613	39,432	14,762	17,114	21,056	38,170							

*Contd...**NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards*

Month-Wise total number of accidents, persons killed and injured during the calendar year 2022

S. No	States/UTs	July						August						September					
		Persons Injured			Fatal Accidents			Persons Injured			Fatal Accidents			Persons Injured			Fatal Accidents		
		Fatal Accidents	Total Accidents	Persons Killed	Minor Injury	Total Injured	Injury	Grievously Injured	Minor Injury	Total Injured	Grievously Injured	Minor Injury	Total Injured	Grievously Injured	Minor Injury	Total Injured	Grievously Injured	Minor Injury	Total Injured
1	2	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
1	Andhra Pradesh	590	1,654	644	417	1,226	1,643	694	1,946	747	501	1,433	1,934	584	1,551	624	382	1,170	1,552
2	Arunachal Pradesh	13	33	18	21	8	29	10	16	12	17	3	20	7	13	7	3	3	6
3	Assam	186	517	197	391	81	472	228	590	236	407	38	445	221	588	238	443	36	479
4	Bihar	696	902	746	540	32	572	574	786	619	525	9	534	526	692	569	416	11	427
5	Chhattisgarh	432	1,038	454	158	678	836	405	1,037	428	123	686	809	371	900	398	105	592	697
6	Goa	16	238	18	21	73	94	11	181	12	31	50	81	24	235	28	34	44	78
7	Gujarat	457	1,064	496	633	438	1,071	475	1,141	528	604	410	1,014	482	1,158	521	647	468	1,115
8	Haryana	377	866	407	142	514	656	358	843	381	156	552	708	390	877	427	149	539	688
9	Himachal Pradesh	55	191	67	97	244	341	72	225	80	111	246	357	79	252	100	115	248	363
10	Jharkhand	303	454	333	277	103	380	258	391	271	182	41	223	229	379	254	267	64	331
11	Karnataka	801	3,005	867	1,683	1,886	3,569	834	3,113	900	1,869	2,022	3,891	775	2,962	823	1,635	1,843	3,478
12	Kerala	298	3,316	313	2,578	1,108	3,686	292	3,366	307	2,642	1,091	3,733	352	3,566	365	2,833	1,226	4,059
13	Madhya Pradesh	923	4,093	1,020	476	3,444	3,920	866	4,140	966	435	3,696	4,131	783	3,825	846	424	3,349	3,773
14	Maharashtra	1,003	2,438	1,074	1,357	561	1,918	989	2,421	1,080	1,414	568	1,982	938	2,290	1,000	1,316	560	1,876
15	Manipur	6	49	6	12	63	75	7	32	8	7	40	47	10	41	10	16	44	60
16	Meghalaya	7	16	7	15	15	30	11	17	11	8	1	9	9	20	10	10	14	24
17	Mizoram	6	9	6	1	1	2	10	15	11	5	7	12	8	14	8	6	6	12
18	Nagaland	7	30	7	3	17	20	12	31	13	8	13	21	5	42	5	7	21	28
19	Odisha	362	883	386	515	349	864	375	893	392	474	327	801	347	822	367	433	276	709
20	Punjab	347	478	373	156	88	244	393	541	416	215	75	290	327	475	341	177	107	284
21	Rajasthan	777	1,852	830	601	1,176	1,777	683	1,729	775	481	1,180	1,661	770	1,902	853	490	1,217	1,707
22	Sikkim	2	12	2	8	9	17	8	24	8	17	42	59	3	8	3	4	5	9
23	Tamil Nadu	1,469	5,518	1,535	2,020	3,982	6,002	1,453	5,560	1,531	1,869	3,997	5,866	1,378	5,321	1,444	1,736	4,198	5,934
24	Telangana	505	1,657	535	243	1,199	1,442	512	1,657	541	204	1,293	1,497	461	1,525	486	254	1,120	1,374
25	Tripura	20	53	20	41	0	41	17	52	18	66	1	67	16	48	17	42	0	42
26	Uttarakhand	69	135	77	169	43	212	66	143	69	82	37	119	62	120	71	69	35	104
27	Uttar Pradesh	1,746	3,736	1,941	1,735	923	2,658	1,590	3,386	1,704	1,654	852	2,506	1,426	3,001	1,574	1,396	768	2,164
28	West Bengal	462	1,175	489	1,000	171	1,171	425	1,053	459	804	156	960	447	1,065	469	750	180	930
29	A & Island	2	6	2	3	3	6	0	6	0	3	4	7	2	15	2	6	2	8
30	Chandigarh	5	16	5	11	16	6	18	6	0	16	16	9	31	10	1	28	29	29
31	D & N Haveli	7	16	8	13	16	29	7	25	7	27	50	77	6	16	6	18	9	27
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	128	485	133	24	411	435	130	464	131	23	378	401	93	422	99	16	404	420
34	Jammu & Kashmir	61	583	80	373	479	852	50	508	71	284	403	687	50	493	71	339	385	724
35	Ladakh	8	67	8	2	69	71	6	15	6	2	7	9	7	31	7	4	19	23
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Puducherry	15	92	15	49	39	88	12	86	14	51	53	104	18	104	18	45	60	105
Total	12,161	36,677	13,119	15,779	19,460	35,239	11,839	36,451	12,758	19,777	35,078	11,215	34,804	12,071	14,588	19,051	33,639		

NA: Not Available; Note: Data of Daman & Diu is included in Daura & Nagar Haveli from 2020 onwards

Contd...

Month-Wise total number of accidents, persons killed and injured during the calendar year 2022

S. No	States/UTs	October						November						December						Total					
		Persons Injured			Persons Injured			Persons Injured			Persons Injured			Persons Injured			Persons Injured			Persons Injured					
		Fatal Accidents	Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Fatal Accidents	Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Fatal Accidents	Total Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Fatal Accidents	Total Accidents	Persons Killed			
1	2	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
1	Andhra Pradesh	575	1,541	610	399	1,087	1,486	534	1,515	584	400	1,092	1,492	597	1,614	640	366	1,272	1,638	7,688	21,249	8,293	5,794	15,546	21,340
2	Arunachal Pradesh	7	15	8	6	8	14	13	21	13	7	2	9	7	15	8	11	1	12	123	227	148	142	142	186
3	Assam	262	583	270	372	31	403	265	631	282	457	40	497	280	715	303	506	45	551	2,837	7,023	2,994	5,051	5,866	5,637
4	Bihar	651	857	691	513	13	526	769	991	818	544	22	566	721	938	767	504	9	513	8,242	10,801	8,898	6,876	192	7,068
5	Chhattisgarh	391	1,051	420	136	850	986	500	1,178	535	146	899	1,045	442	1,062	472	82	840	922	5,446	13,279	5,834	1,824	9,871	11,695
6	Goa	24	251	24	23	66	89	25	232	26	34	91	125	22	284	24	20	95	115	253	3,011	271	268	823	1,091
7	Gujarat	638	1,397	715	770	605	1,375	546	1,258	583	715	529	1,244	601	1,409	654	732	578	1,310	6,999	15,751	7,618	8,782	6,307	15,089
8	Haryana	400	875	423	169	562	731	409	845	438	153	487	640	452	992	478	175	572	747	4,593	10,429	4,915	1,677	6,842	8,519
9	Himachal Pradesh	87	246	107	117	180	297	67	209	72	96	188	284	75	234	83	106	320	336	864	2,597	1,032	1,263	2,800	4,063
10	Jharkhand	303	429	334	238	65	303	325	444	344	209	32	241	342	490	373	277	59	336	5,175	3,898	3,006	741	3,747	
11	Karnataka	862	3360	915	1,835	2,436	4,271	876	3,371	921	1,593	2,537	4,130	967	3,642	1,047	1,566	2,870	4,436	10,854	39,762	11,702	22,717	25,437	48,154
12	Kerala	318	3,664	340	2,913	1,294	4,207	298	3,857	311	3,029	1,381	4,410	384	4,088	405	3,208	1,362	4,570	4,104	43,910	4,317	34,638	14,669	49,307
13	Madhya Pradesh	894	4,500	1,005	481	4,114	4,595	1,046	4,776	1,170	567	4,126	4,693	1,097	4,135	1,206	548	3,340	3,888	12,183	54,432	13,427	6,948	48,220	55,168
14	Maharashtra	1,093	2,679	1,174	616	2,327	1,237	3,135	1,322	1,715	686	2,401	1,264	2,993	1,356	1,787	712	2,499	14,058	33,383	15,224	19,540	7,699	27,239	
15	Manipur	14	56	15	13	62	75	7	50	9	19	78	97	8	45	16	58	49	107	109	508	127	235	582	817
16	Meghalaya	8	15	8	13	5	18	7	17	9	9	9	18	18	24	19	15	10	25	147	162	146	211	99	310
17	Mizoram	10	12	10	4	3	7	9	11	11	3	2	5	12	13	20	6	13	19	94	133	113	49	58	107
18	Nagaland	5	37	5	10	19	29	2	28	2	4	8	12	6	28	7	2	7	9	67	489	73	66	225	291
19	Odisha	406	874	426	407	302	709	473	1,089	498	539	349	888	500	1,190	529	588	305	983	5,140	11,663	5,467	6,156	4,146	10,302
20	Punjab	423	582	454	192	84	276	427	568	456	213	84	297	424	594	467	206	92	298	4,418	6,138	4,756	2,345	979	3,324
21	Rajasthan	927	2,108	1,006	555	1,224	1,779	876	2,175	376	603	1,386	1,989	871	1,782	937	478	1,047	1,495	10,061	23,614	11,104	6,671	15,622	22,293
22	Sikkim	5	13	8	5	14	19	4	17	4	13	7	20	5	15	23	14	11	25	58	211	92	155	199	354
23	Tamil Nadu	1,507	5,628	1,582	1,554	4,330	5,884	1,058	4,515	1,085	1,004	3,798	4,802	1,199	5,150	1,273	626	5,150	5,776	17,080	64,105	17,884	22,732	44,497	67,703
24	Telangana	530	1,737	558	264	1,334	1,598	1,859	377	255	1,599	1,854	623	2,122	673	228	1,691	1,919	7,057	21,619	7,559	3,437	16,772	20,209	
25	Tripura	30	48	30	32	1	33	19	46	20	38	0	38	20	39	20	30	0	30	232	575	241	522	19	541
26	Uttarakhand	72	147	120	109	40	149	79	149	87	114	35	149	78	159	85	100	21	121	851	1,674	1,042	1,218	395	1,613
27	Uttar Pradesh	1,581	3,348	1,745	1,438	924	2,362	1,778	3,683	1,966	1,617	866	2,483	1,934	3,843	2,097	1,468	961	2,429	20,524	41,746	22,595	18,184	10,357	28,541
28	West Bengal	514	1,286	555	1,059	168	1,227	521	1,192	362	889	179	1,068	478	1,205	500	929	202	1,131	5,626	13,686	6,002	10,715	21,238	12,843
29	A & Island	3	14	3	7	7	14	0	12	0	7	5	12	3	14	3	6	3	9	19	141	19	60	76	136
30	Chandigarh	8	17	9	2	16	18	4	17	4	0	17	17	8	15	9	0	8	8	79	237	83	18	185	203
31	D & N Haveli	5	14	5	14	9	23	9	19	9	15	1	16	11	25	11	20	12	32	88	196	90	145	128	273
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
33	Delhi	133	520	134	22	477	499	117	472	117	25	409	434	114	534	119	22	494	516	1,428	5,652	1,461	238	4,963	5,201
34	Jammu & Kashmir	56	576	58	327	465	792	44	464	65	227	399	626	58	433	62	242	346	588	654	6,092	805	3,327	5,045	8,372
35	Ladakh	10	61	10	4	42	46	1	16	1	0	15	2	11	2	3	11	14	60	374	62	29	317	346	
36	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	0	2	2	
37	Port Blair	18	109	19	49	77	126	11	109	11	42	73	115	16	102	16	39	48	87	175	1,181	181	633	649	1,282
Total	12,770	38,650	13,706	15,763	21,530	37,293	12,894	38,991	13,888	15,301	21,431	36,732	13,639	36,954	14,704	14,968	22,526	37,994	1,55,781	4,61,312	1,68,491	1,95,674	4,43,366		

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Road Accidents as per the Time of occurrence 2022

S. No	States/UTs	06-900hrs (Day)	09-1200hrs (Day)	12-1500hrs (Day)	15-1800hrs (Day)	18-2100hrs (Night)	21-2400hrs (Night)	00-300hrs (Night)	03-600hrs (Night)	Unknown Time	Total Accidents
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	2,303	3,169	3,181	3,860	4,611	2,174	887	1,049	15	21,249
2	Arunachal Pradesh	22	32	31	32	33	29	22	18	8	227
3	Assam	871	1,026	1,077	1,238	1,114	846	371	298	182	7,023
4	Bihar	1,567	1,680	1,394	1,779	1,856	799	433	1,075	218	10,801
5	Chhattisgarh	1,121	1,883	2,130	2,464	3,270	1,458	451	502	0	13,279
6	Goa	179	392	472	468	586	386	306	222	0	3,011
7	Gujarat		1,680	2,328	2,491	2,649	3,260	1,662	889	710	82
8	Haryana		1,104	1,297	1,207	1,401	1,924	1,207	964	774	551
9	Himachal Pradesh		243	411	430	479	484	299	139	112	0
10	Jharkhand	614	672	696	855	949	556	351	310	172	5,175
11	Karnataka	3,928	5,044	5,425	5,038	7,242	6,440	1,994	4,473	178	39,762
12	Kerala	5,158	7,810	6,783	8,693	9,376	3,840	912	1,143	195	43,910
13	Madhya Pradesh	4,455	7,329	8,590	10,389	11,227	7,286	2,977	1,801	378	54,432
14	Maharashtra	3,147	4,772	4,987	5,696	6,666	4,173	2,082	1,610	250	33,383
15	Manipur	49	103	71	82	115	69	16	3	0	508
16	Meghalaya	23	41	33	60	38	30	14	7	0	246
17	Mizoram	5	17	32	27	19	13	10	10	0	133
18	Nagaland	70	49	75	78	88	48	33	46	2	489
19	Odisha	1,227	1,755	1,743	2,101	2,304	1,159	559	606	209	11,663
20	Punjab	679	729	758	938	1,223	804	392	383	232	6,138
21	Rajasthan	2,394	3,323	3,828	4,515	4,740	2,693	1,193	759	169	23,614
22	Sikkim	17	36	29	42	36	23	10	18	0	211
23	Tamil Nadu	7,397	9,202	9,107	11,506	16,285	6,247	1,624	2,737	0	64,105
24	Telangana	2,163	2,988	3,312	4,051	4,544	2,515	1,094	921	31	21,619
25	Tripura	54	104	93	100	123	73	12	16	0	575
26	Uttarakhand	173	211	195	220	316	212	65	85	197	1,674
27	Uttar Pradesh	4,728	5,299	5,468	6,443	6,936	4,488	3,190	3,092	2,102	41,746
28	West Bengal	1,302	2,018	1,929	2,055	2,253	1,643	1,647	839	0	13,686
29	A & N Islands	13	16	27	32	20	23	7	3	0	141
30	Chandigarh	16	18	25	36	34	64	36	8	0	237
31	D & N Haveli	21	24	23	41	47	30	9	1	0	196
32	Daman & Diu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33	Delhi	571	659	717	690	870	1,113	633	398	1	5,652
34	Jammu & Kashmir	823	986	1,307	1,317	1,109	343	114	88	5	6,092
35	Ladakh	43	83	114	60	50	18	2	0	4	374
36	Lakshadweep	0	1	0	0	0	1	1	0	0	3
37	Puducherry	144	157	199	202	261	151	32	35	0	1,181
	Total	48,304	65,664	67,979	79,637	94,009	52,915	23,471	24,152	5,181	4,61,312

NA: Not Available; Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Performance of States/UTs in Increasing/Decreasing Number of Road Accidents in 2022

S. No.	States/UTs	2021	2022	Increase/ Decrease	% Share in total increase and decrease
1	2	3	4	5	6
1	Andhra Pradesh	21,556	21,249	-307	-0.6
2	Arunachal Pradesh	283	227	-56	-0.1
3	Assam	7,411	7,023	-388	-0.8
4	Bihar	9,553	10,801	1,248	2.6
5	Chhattisgarh	12,375	13,279	904	1.8
6	Goa	2,849	3,011	162	0.3
7	Gujarat	15,186	15,751	565	1.2
8	Haryana	9,933	10,429	496	1.0
9	Himachal Pradesh	2,404	2,597	193	0.4
10	Jharkhand	4,728	5,175	447	0.9
11	Karnataka	34,647	39,762	5,115	10.5
12	Kerala	33,296	43,910	10,614	21.7
13	Madhya Pradesh	48,877	54,432	5,555	11.4
14	Maharashtra	29,477	33,383	3,906	8.0
15	Manipur	366	508	142	0.3
16	Meghalaya	245	246	1	0.0
17	Mizoram	69	133	64	0.1
18	Nagaland	746	489	-257	-0.5
19	Odisha	10,983	11,663	680	1.4
20	Punjab	5,871	6,138	267	0.5
21	Rajasthan	20,951	23,614	2,663	5.4
22	Sikkim	155	211	56	0.1
23	Tamil Nadu	55,682	64,105	8,423	17.2
24	Telangana	21,315	21,619	304	0.6
25	Tripura	479	575	96	0.2
26	Uttarakhand	1,405	1,674	269	0.6
27	Uttar Pradesh	37,729	41,746	4,017	8.2
28	West Bengal	11,937	13,686	1,749	3.6
29	Andaman & Nicobar Islands	115	141	26	0.1
30	Chandigarh	208	237	29	0.1
31	Dadra & Nagar Haveli	140	196	56	0.1
32	Daman & Diu	NA	NA	NA	NA
33	Delhi	4,720	5,652	932	1.9
34	Jammu & Kashmir	5,452	6,092	640	1.3
35	Ladakh	236	374	138	0.3
36	Lakshadweep	4	3	-1	0.0
37	Puducherry	1,049	1,181	132	0.3
Total		4,12,432	4,61,312	48,880	100.0

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Performance of States/UTs in Increasing/Decreasing Number of Persons Killed in Road Accidents in 2022

S. No.	States/UTs	2021	2022	Increase/ Decrease	% Share in total increase and decrease
1	2	3	4	5	6
1	Andhra Pradesh	8,186	8,293	107	0.7
2	Arunachal Pradesh	157	148	-9	-0.1
3	Assam	3,036	2,994	-42	-0.3
4	Bihar	7,660	8,898	1,238	8.5
5	Chhattisgarh	5,371	5,834	463	3.2
6	Goa	226	271	45	0.3
7	Gujarat	7,452	7,618	166	1.1
8	Haryana	4,706	4,915	209	1.4
9	Himachal Pradesh	1,052	1,032	-20	-0.1
10	Jharkhand	3,513	3,898	385	2.7
11	Karnataka	10,038	11,702	1,664	11.5
12	Kerala	3,429	4,317	888	6.1
13	Madhya Pradesh	12,057	13,427	1,370	9.4
14	Maharashtra	13,528	15,224	1,696	11.7
15	Manipur	110	127	17	0.1
16	Meghalaya	187	162	-25	-0.2
17	Mizoram	56	113	57	0.4
18	Nagaland	55	73	18	0.1
19	Odisha	5,081	5,467	386	2.7
20	Punjab	4,589	4,756	167	1.2
21	Rajasthan	10,043	11,104	1,061	7.3
22	Sikkim	56	92	36	0.2
23	Tamil Nadu	15,384	17,884	2,500	17.2
24	Telangana	7,557	7,559	2	0.0
25	Tripura	194	241	47	0.3
26	Uttarakhand	820	1,042	222	1.5
27	Uttar Pradesh	21,227	22,595	1,368	9.4
28	West Bengal	5,800	6,002	202	1.4
29	Andaman & Nicobar Islands	20	19	-1	0.0
30	Chandigarh	96	83	-13	-0.1
31	Dadra & Nagar Haveli	76	90	14	0.1
32	Daman & Diu	NA	NA	NA	NA
33	Delhi	1,239	1,461	222	1.5
34	Jammu & Kashmir	774	805	31	0.2
35	Ladakh	56	62	6	0.0
36	Lakshadweep	1	2	1	0.0
37	Puducherry	140	181	41	0.3
Total		1,53,972	1,68,491	14,519	100

NA: Not Available

Note: Data of Daman & Diu is included in Dadra & Nagar Haveli from 2020 onwards

Accidents Classified according to Type of Weather Condition in Million Plus cities during the calendar year 2022

S. No	Million Plus Cities	Sunny/Clear						Rainy						Foggy & Misty					
		Persons Injured			Persons Killed			Total Accidents			Persons Injured			Persons Killed			Total Accidents		
		Grievously Injured	Minor Injury	Total Injured					Grievously Injured	Minor Injury	Total Injured					Grievously Injured	Minor Injury	Total Injured	
1	2	3	4	7	8	9	10	11	12	13	14	15	16	17					
1	Agra	595	313	325	102	427	42	18	31	14	45	167	102	78	42	120			
2	Ahmedabad	1,612	470	695	541	1,236	99	18	25	44	69	0	0	0	0	0	0	0	0
3	Aligarhabad(Prayagraj)	389	162	85	144	229	290	92	82	132	214	284	120	65	116	181			
4	Amritsar	71	48	38	9	47	0	0	0	0	0	4	3	1	0	1	0	1	0
5	Asansol Durgapur	187	127	103	30	133	1	0	1	0	1	53	52	20	3	23			
6	Aurangabad	520	195	252	114	366	6	3	0	3	2	1	1	0	1	0	1	0	1
7	Bengaluru	3,416	681	2,080	761	2,841	120	22	81	16	97	286	69	180	71	251			
8	Bhopal	2,011	193	128	1,531	1,659	191	35	26	104	130	421	41	40	251	291			
9	Chandigarh	219	78	16	173	189	13	3	2	7	9	5	2	0	5	5			
10	Coimbatore	980	241	615	238	853	5	0	5	1	6	100	31	63	17	80			
11	Chennai	2,700	371	1,371	1,520	2,891	30	1	9	32	41	722	135	411	381	792			
12	Delhi	3,433	889	117	2,789	2,906	512	107	27	593	620	462	132	29	434	463			
13	Dhanbad	30	18	10	3	13	121	77	42	9	51	8	5	2	1	3			
14	Fairidabad	534	234	54	351	405	24	10	3	16	19	36	19	26	28				
15	Ghaziaabad	319	135	176	69	245	161	62	69	39	108	233	94	107	43	150			
16	Gwalior	1,441	222	42	1,048	1,090	170	35	12	100	112	0	0	0	0	0			
17	Hyderabad	1,485	166	256	1,107	1,363	21	28	21	71	99	202	44	21	162	183			
18	Indore	4,116	495	362	3,163	3,525	102	25	31	50	81	123	44	36	67	103			
19	Jahalpur	3,350	433	447	867	1,314	103	9	13	34	47	127	2	9	19	28			
20	Jaipur	2,638	754	587	1,539	2,126	49	11	8	33	41	0	0	0	0	0			
21	Jamshedhpur	68	28	41	1	42	40	12	31	1	32	23	6	17	0	17			
22	Jodhpur	448	184	24	302	326	7	0	0	8	8	39	18	3	22	25			
23	Kannur	1,456	130	992	872	1,864	141	14	115	91	206	37	5	31	16	47			
24	Kanpur	581	251	321	69	390	173	79	96	31	127	209	97	107	38	145			
25	Khozikode	1,725	147	1,269	523	1,792	198	22	148	63	211	131	26	110	51	161			
26	Kochi	2,104	128	1,577	473	2,050	168	17	115	37	152	155	11	123	32	155			
27	Kolkata	1,349	178	711	405	1,116	123	2	72	41	113	34	5	17	13	30			
28	Kollam	1,812	172	1,605	294	1,899	7	4	3	1	4	113	17	95	25	120			
29	Kota	444	111	84	348	432	0	0	0	0	0	0	0	0	0	0			
30	Lucknow	931	342	378	198	576	94	67	42	40	82	143	82	52	62	114			
31	Ludhiana	253	201	77	28	105	0	0	0	0	0	2	1	1	0	1			
32	Madurai	744	192	290	311	601	0	0	0	0	0	0	0	0	0	0			
33	Mallapuram	2,484	249	2,100	791	2,891	45	11	36	42	78	148	22	129	49	178			
34	Meerut	445	192	57	391	448	54	19	21	45	66	318	98	27	270	297			
35	Mumbai	1,680	286	1,168	311	1,479	215	85	140	52	192	0	0	0	0	0			
36	Nagpur	1,080	310	728	441	1,169	0	0	0	0	0	0	0	0	0	0			
37	Nashik	448	193	419	95	514	31	14	21	5	15	0	0	0	0	0			
38	Patna	117	98	43	5	48	58	37	36	0	36	100	63	34	3	37			
39	Pune	776	283	448	99	547	82	39	49	2	51	0	0	0	0	0			
40	Raipur	1,612	512	51	1,111	1,162	299	71	7	153	160	0	0	0	0	0			
41	Rajkot	463	147	227	172	399	30	3	12	3	15	3	0	6	0	6			
42	Srinagar	410	52	1	417	418	11	0	0	0	15	0	0	0	0	0			
43	Surat	638	283	422	96	518	45	10	30	5	35	0	0	0	0	0			
44	Thiruvananthapuram	1,546	125	1,289	340	1,629	21	3	18	2	20	134	23	102	29	131			
45	Thrissur	1,818	139	1,342	755	2,097	338	40	240	138	378	217	31	144	91	235			
46	Tiruchirappalli	538	147	187	435	622	2	0	0	0	0	2	0	0	0	0			
47	Vadodra	408	156	199	124	323	70	25	42	13	55	0	0	0	0	0			
48	Varanasi	219	123	56	62	118	71	25	49	72	95	51	27	31	58				
49	Vijaywada city	1,340	353	405	768	1,173	15	3	7	16	172	80	74	154					
50	Vizag	1,333	303	701	437	1,138	79	19	46	25	71	115	36	46	33	79			
	Total	59,316	12,240	24,971	26,773	51,744	4,581	1,172	1,848	2,166	4,014	5,425	1,546	2,217	2,478	4,695			

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Accidents Classified according to Type of Weather Condition in Million Plus cities during the calendar year 2022

S. No	Million Plus Cities	Hail/Sleet						Others						
		Total Accidents			Persons Killed			Persons Injured			Persons Killed			
			Total Accidents	Grievously Injured		Persons Killed	Minor Injury		Total Injured	Persons Killed	Grievously Injured		Minor Injury	
1	Agra	2	18	3	1	2	3	21	22	222	114	112	86	198
2	Ahmedabad		0	0	0	0	0			0	0	0	0	0
3	Allahabad(Prayagraj)		220	98	78	65	143		187	131	70	49	119	119
4	Amritsar		0	0	0	0	0		0	42	31	3	11	14
5	Asansol(Durgapur		0	0	0	0	0		0	253	180	121	31	152
6	Aurangabad		0	0	0	0	0		0	0	0	0	0	0
7	Bengaluru		0	0	0	0	0		0	0	0	0	0	0
8	Bhopal		44	3	2	32	34		646	76	80	451	531	
9	Chandigarh		0	0	0	0	0		0	0	0	0	0	0
10	Coimbatore		0	0	0	0	0		0	0	0	0	0	0
11	Chennai		0	0	0	0	0		0	0	0	0	0	0
12	Delhi		0	0	0	0	0		0	1,245	333	65	1,147	1,212
13	Dhaka		2	2	0	0	0		0	18	12	5	1	6
14	Faridabad		0	0	0	0	0		0	0	0	0	0	0
15	Ghaziabad		0	0	0	0	0		0	173	72	111	24	135
16	Gwalior		0	0	0	0	0		0	446	96	37	259	296
17	Hyderabad		118	19	17	90	107		586	73	69	431	500	
18	Indore		26	7	4	12	16		313	68	53	189	242	
19	Jabalpur		20	3	12	26	38		446	34	224	2,530	2,754	
20	Jaipur		0	0	0	0	0		0	0	0	0	0	0
21	Jamshedpur		0	0	0	0	0		0	36	22	22	2	24
22	Jodhpur		0	0	0	0	0		0	190	67	15	131	146
23	Kannur		1	0	1	0	1		0	0	0	0	0	0
24	Kanpur		280	135	156	57	213		181	78	77	59	136	
25	Khozikode		0	0	0	0	0		0	0	0	0	0	0
26	Kochi		5	0	4	0	4		0	0	0	0	0	0
27	Kolkata		0	0	0	0	0		0	442	0	280	179	459
28	Kollam		0	0	0	0	0		0	150	21	132	20	152
29	Kota		0	0	0	0	0		0	0	0	0	0	0
30	Lucknow		16	0	7	20	27		165	96	71	65	136	
31	Ludhiana		0	0	0	0	0		0	212	162	56	12	68
32	Madurai		0	0	0	0	0		0	0	0	0	0	0
33	Mallapuram		0	0	0	0	0		314	38	256	96	352	
34	Meerut		75	22	18	76	94		34	14	8	22	30	
35	Mumbai		0	0	0	0	0		0	0	0	0	0	0
36	Nagpur		0	0	0	0	0		0	0	0	0	0	0
37	Nashik		0	0	0	0	0		0	0	0	0	0	0
38	Patna		0	0	0	0	0		0	0	0	0	0	0
39	Pune		13	3	10	0	10		0	0	0	0	0	0
40	Rajpur		0	0	0	0	0		0	0	0	0	0	0
41	Rajkot		2	0	2	0	2		0	0	0	0	0	0
42	Srinagar		0	0	0	0	0		5	1	0	5	5	
43	Surat		0	0	0	0	0		0	0	0	0	0	0
44	Thiruvanthapuram		0	0	0	0	0		124	20	103	28	131	
45	Thrissur		1	0	1	0	1		0	0	0	0	0	0
46	Tiruchirappalli		0	0	0	0	0		0	0	0	0	0	0
47	Vaddoda		0	0	0	0	0		0	0	0	0	0	0
48	Varanasi		78	42	24	20	44		76	53	20	18	38	
49	Vijaywada city		7	0	1	8	9		4	1	14	15		
50	Vizag		0	0	0	0	0		4	0	0	0	0	0
Total		911	339	409	748	6,519	1,796	339	409	6,519	1,796	5,960	7,851	

Accidents classified according to type of impacting vehicles/objects in Million Plus cities during 2022

S. No.	Million Plus Cities	1. Pedestrian				2. Bicycles				3. Two Wheelers				4. Auto Rickshaws			
		Number of Persons		Number of Road Accidents		Number of Persons		Number of Road Accidents		Number of Persons		Number of Road Accidents		Number of Persons		Number of Persons	
		Killed	Injured	Minor Injured	Injured	Killed	Grievously Injured	Injured	Minor Injured	Killed	Grievously Injured	Injured	Minor Injured	Killed	Grievously Injured	Injured	Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Agra	121	52	73	49	53	61	6	7	150	46	82	35	27	15	10	12
2	Ahmedabad	516	194	227	154	70	28	28	22	924	215	390	305	105	28	47	40
3	Allahabad(Prayagraj)	114	45	67	14	71	25	14	45	275	137	87	98	164	84	43	34
4	Amritsar	28	22	6	0	2	2	0	0	58	33	36	18	18	18	0	0
5	Asansol Durgapur	174	132	51	5	1	0	2	0	66	74	71	4	3	5	1	0
6	Aurangabad	151	69	70	18	5	1	3	1	263	104	144	65	12	14	6	6
7	Bengaluru	1,042	247	640	182	42	8	27	11	1,820	416	1,279	449	131	17	80	46
8	Bhopal	539	95	42	373	63	1	5	47	1,922	186	150	1,624	149	5	10	70
9	Chandigarh	46	23	2	29	25	12	4	11	107	40	12	108	12	5	0	13
10	Coimbatore	310	81	189	54	24	5	18	1	658	164	445	168	12	5	10	3
11	Chennai	1,031	187	439	467	128	16	56	60	1,906	268	1,142	1,132	158	19	77	150
12	Delhi	2,234	629	80	1,697	170	48	6	128	2,280	551	113	2,148	179	38	7	212
13	Dhanbad	6	0	6	0	0	0	0	0	132	85	45	111	1	0	1	0
14	Faridabad	189	105	15	89	42	18	7	19	278	101	32	203	24	9	1	20
15	Ghaziabad	97	41	59	24	69	26	41	23	366	151	167	58	148	61	66	29
16	Gwalior	682	98	40	544	0	0	0	0	331	25	13	222	140	14	3	80
17	Hyderabad	782	123	124	568	28	4	4	21	1,212	161	220	1,037	99	7	16	97
18	Indore	862	143	91	671	57	4	8	47	2,632	385	302	2,100	60	7	0	73
19	Jabalpur	42	1	9	45	0	0	0	0	1,385	198	236	1,958	635	17	89	473
20	Jaipur	474	169	121	215	24	9	9	7	1,075	361	275	789	38	3	8	35
21	Jamshedpur	30	20	12	0	20	6	15	1	34	11	27	1	19	8	14	2
22	Jodhpur	90	57	6	42	13	8	2	6	398	153	20	259	4	1	0	6
23	Kannur	138	49	280	139	5	1	4	2	455	72	631	435	130	10	80	108
24	Kanpur	154	75	79	30	184	85	106	17	395	163	182	82	132	56	80	20
25	Khozitkode	36	54	314	65	9	3	19	5	712	111	1,022	419	193	7	59	66
26	Kochi	49	33	383	95	13	4	59	19	927	105	1,254	337	193	6	46	32
27	Kolkata	633	82	392	174	122	19	84	34	537	57	375	232	50	4	33	11
28	Kollam	0	0	0	0	0	0	0	0	1,005	80	911	119	176	18	153	34
29	Kota	97	22	18	71	11	2	0	0	268	66	57	219	22	2	1	13
30	Lucknow	21	12	6	5	19	8	0	13	242	126	90	32	23	2	25	0
31	Ludhiana	115	87	32	7	21	15	6	1	174	148	73	9	31	18	10	6
32	Madurai	250	76	89	92	31	7	11	15	379	99	163	156	27	3	13	20
33	Mallapuram	0	94	562	112	0	4	32	6	1,016	164	1,432	402	327	32	174	144
34	Meerut	56	30	16	22	29	12	7	12	278	117	38	243	53	17	11	44
35	Mumbai	922	161	710	143	29	6	16	7	702	159	461	138	107	21	62	27
36	Nagpur	274	95	124	72	47	10	23	16	641	174	458	273	20	2	16	17
37	Nashik	120	51	78	14	15	8	12	0	302	120	254	47	9	2	10	6
38	Patna	76	53	62	2	15	17	8	0	113	82	29	5	23	5	2	0
39	Pune	257	111	142	16	15	6	8	1	482	187	307	36	18	4	11	7
40	Rajpur	249	108	12	140	63	22	2	45	1,034	401	41	869	16	2	0	17
41	Raikot	111	41	53	32	24	5	13	7	294	79	149	100	17	11	10	7
42	Srinagar	164	32	1	159	1	0	0	1	91	12	0	99	13	0	0	14
43	Surat	257	110	148	112	0	4	32	6	1,016	164	1,432	402	327	32	174	144
44	Thiruvananthapuram	334	50	271	13	23	2	20	1	1,209	104	1,071	287	110	6	80	40
45	Thrissur	116	61	335	139	1	9	67	18	832	118	1,121	567	210	8	91	100
46	Tiruchirappalli	134	51	41	64	8	3	2	3	328	81	123	239	15	4	9	18
47	Vadodra	114	57	51	14	33	11	18	4	217	81	101	53	11	7	8	12
48	Varanasi	28	15	9	16	8	8	3	3	48	10	32	68	19	19	39	34
49	Vijaywada city	379	114	117	171	39	10	10	19	805	226	267	516	67	21	29	81
50	Vizag	418	105	244	78	17	4	7	7	791	179	444	304	51	13	18	32
	Total	15,062	4,362	6,958	7,144	803	725	32,930	7,376	16,616	19,093	4,274	681	1,566	2,323		

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Accidents classified according to type of impacting vehicles/objects in Million Plus cities during 2022

S. No.	Million Plus Cities	5.Cars, Taxis, Vans & L.M.V.			6.Trucks/Lorries			7.Buses		
		Number of Persons		Number of Road Accidents	Number of Persons		Number of Road Accidents	Number of Persons		Number of Road Accidents
		Killed	Minor Injured		Killed	Minor Injured		Killed	Minor Injured	
1	2	19	20	73	166	40	166	122	67	45
1	Agra	203	12	19	39	19	5	7	7	33
2	Ahmedabad	70	76	29	46	147	18	46	105	54
3	Allahabad(Prayagraj)	140	76	0	2	0	0	0	0	0
4	Amritsar	3	1	0	2	2	0	0	0	0
5	Asansol Durgapur	104	81	69	19	81	38	32	18	26
6	Aurangabad	68	10	12	15	11	4	4	10	2
7	Bengaluru	578	51	199	98	69	7	21	10	64
8	Bhopal	515	35	27	169	38	12	14	29	22
9	Chandigarh	29	0	0	12	3	0	0	0	5
10	Coimbatore	56	8	15	23	7	3	4	1	17
11	Chennai	190	13	68	89	21	1	5	16	17
12	Delhi	308	50	7	297	19	9	0	24	16
13	Dhanbad	33	24	7	3	6	4	0	1	1
14	Faridabad	42	18	2	48	11	8	2	3	0
15	Ghazipur	164	73	96	31	14	6	12	8	7
16	Gwalior	68	16	216	216	63	7	144	64	8
17	Hyderabad	325	13	16	101	35	8	7	22	31
18	Indore	787	55	53	324	90	16	24	35	51
19	Jabalpur	368	70	97	463	117	10	93	165	121
20	Jaipur	689	123	112	350	199	48	37	71	79
21	Jamshedpur	16	5	13	0	15	6	12	9	2
22	Jodhpur	123	32	12	105	15	5	0	7	12
23	Kannur	606	11	72	131	116	0	5	6	143
24	Kanpur	248	115	131	43	128	60	72	26	108
25	Khozikode	694	16	66	52	117	0	2	3	259
26	Kochi	865	3	30	37	140	1	2	1	210
27	Kolkata	203	13	40	70	188	3	44	54	165
28	Kollam	664	57	588	148	84	19	67	18	116
29	Kota	30	2	4	23	9	5	1	3	0
30	Lucknow	391	115	161	99	144	68	77	69	50
31	Ludhiana	109	83	11	14	5	3	2	0	1
32	Madurai	33	2	10	16	6	1	0	0	18
33	Mallapuram	1,132	20	190	194	240	1	10	5	222
34	Meerut	261	85	20	254	32	8	7	29	42
35	Mumbai	77	15	30	33	6	1	3	1	13
36	Nagpur	71	21	60	53	14	4	5	6	2
37	Nashik	28	10	34	9	1	1	0	2	13
38	Patna	23	15	0	1	0	0	0	7	2
39	Pune	73	10	27	16	11	3	2	5	15
40	Raipur	467	33	3	155	38	14	0	23	4
41	Rajkot	29	8	13	25	13	5	4	0	4
42	Srinagar	78	2	0	86	16	1	0	13	2
43	Surat	23	7	6	10	12	6	5	6	2
44	Thiruvananthapuram	90	4	39	49	4	0	1	0	18
45	Thrissur	823	9	58	94	150	0	5	3	202
46	Tiruchirappalli	33	4	7	54	10	3	1	3	13
47	Vadodara	74	9	26	24	20	8	19	8	18
48	Varanasi	92	64	20	73	42	24	21	59	40
49	Vijaywada city	182	27	23	55	14	3	5	24	8
50	Vizag	140	7	37	22	30	7	10	6	18
Total	12,707	1,658	2,741	4,277	2,922	721	737	977	2,442	421
										1,130

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Accidents classified according to type of impacting vehicles/objects in Million Plus cities during 2022

S. No.	Million Plus Cities	8. Other Non-motorized vehicle (E-rickshaw etc.)						Others			
		Number of Road Accidents		Killed		Grievously Injured		Number of Road Accidents		Killed	Grievously Injured
1	2	31	32	3	3	34	35	36	37		38
1	Agra	31	20	19	4	233	126	112			32
2	Ahmedabad	0	0	0	0	0	0	0			0
3	Allahabad(Prayagraj)	119	38	48	38	235	69	56			145
4	Amitsar	2	2	0	0	0	4	4			0
5	Asansol Durgapur	0	0	0	0	0	39	20	17		1
6	Aurangabad	0	0	0	0	0	8	2	7		1
7	Bengaluru	3	1	1	2	73	19	46			16
8	Bhopal	13	0	0	2	52	13	19			43
9	Chandigarh	10	2	0	11	0	0	0			0
10	Coimbatore	1	0	0	1	0	0	0			0
11	Chennai	0	0	0	0	0	1	1			0
12	Delhi	100	13	9	134	346	119	16			299
13	Dhanbad	0	0	0	0	0	0	0			0
14	Faridabad	2	0	0	4	4	6	4			7
15	Ghaziabad	5	0	7	0	0	16	0			0
16	Gwalior	0	0	0	0	0	267	77	10		164
17	Hyderabad	0	0	0	0	0	4	0			0
18	Indore	19	0	1	17	122	11	5			97
19	Jabalpur	34	9	26	36	1,344	169	120			298
20	Jainpur	56	18	6	35	53	20	8			28
21	Jamshedpur	0	0	0	0	24	10	8			0
22	Jodhpur	8	3	1	3	21	7	0			25
23	Kanpur	0	0	0	0	42	4	6			3
24	Kanpur	61	27	40	12	14	8	10			2
25	Khozicode	0	0	0	0	34	1	12			4
26	Kochi	0	0	0	0	35	3	21			6
27	Kolkata	1	0	0	1	49	1	19			12
28	Kolkam	0	0	0	0	37	10	27			4
29	Kota	1	0	0	2	6	12	3			7
30	Lucknow	7	2	16	0	452	215	126			158
31	Ludhiana	10	9	0	3	0	0	0			0
32	Madurai	0	0	0	0	0	0	0			0
33	Mallapuram	0	0	0	0	54	2	23			20
34	Meenut	75	29	8	78	100	40	18			70
35	Mumbai	0	0	0	0	39	8	19			12
36	Nagpur	7	2	5	2	0	0	0			6
37	Nashik	0	0	0	0	0	2	0			0
38	Patna	0	0	0	0	18	24	6			0
39	Pune	0	0	0	0	0	0	0			0
40	Rajpur	10	0	0	7	30	3	0			6
41	Raikot	1	0	0	1	5	1	0			0
42	Srinagar	0	0	0	0	61	6	0			64
43	Surat	0	0	0	0	0	0	0			0
44	Thiruvanthapuram	1	0	1	0	36	5	24			5
45	Thrissur	32	2	13	9	8	0	2			4
46	Tiruchirapalli	1	0	1	0	0	0	0			0
47	Vadodra	0	0	0	0	0	0	0			0
48	Varanasi	43	7	19	20	79	51	19			15
49	Vijawada city	3	0	2	2	30	9	7			2
50	Vizag	1	0	0	1	65	36	29			42
	Total	657	184	223	425	4,044	1,112	810			1,592

Accidents Classified according to Type of Traffic Violations in Million Plus Cities during the calendar year 2022

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Accidents Classified according to Type of Traffic Violations in Million Plus Cities during the calendar year 2022

S. No	Million Plus Cities	Jumping Red Light			Persons Injured			Persons Injured			Use of Mobile Phone			Others			
		Number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Number of Accidents	Persons Killed	Grievously Injured	Minor Injury	Total Injured	
1	Agra	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
2	Ahmedabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Allahabad(Prayagraj)	253	105	64	115	179	183	95	48	42	90	111	45	42	35	77	
4	Amritsar	0	0	0	0	0	0	0	0	0	0	24	20	2	2	4	
5	Asansol Durgapur	0	0	0	0	0	0	0	0	0	0	0	261	203	123	39	162
6	Aurangabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Bengaluru	14	4	9	1	10	0	0	0	0	0	0	208	39	98	69	167
8	Bhopal	9	4	0	7	7	17	4	0	0	29	29	45	6	28	52	80
9	Chandigarh	9	4	3	6	9	0	0	0	0	0	14	9	0	0	8	8
10	Coimbatore	0	0	0	0	0	1	0	0	0	0	0	38	13	18	16	34
11	Chennai	0	0	0	0	0	0	0	0	0	0	0	517	65	80	465	545
12	Delhi	498	111	28	498	526	239	49	23	212	235	2,127	497	82	1,982	2,064	
13	Dhanbad	0	0	0	0	0	0	0	0	0	0	0	31	23	8	0	8
14	Faridabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Ghaziaabad	32	9	36	5	41	0	0	0	0	0	0	417	162	192	76	268
16	Gwalior	0	0	0	0	0	14	0	0	0	0	0	68	12	3	41	44
17	Hyderabad	17	2	3	15	18	4	0	1	2	3	119	27	9	89	98	
18	Indore	0	0	0	0	0	0	0	0	0	0	0	270	69	90	130	220
19	Jabalpur	0	0	0	0	0	0	0	0	0	0	0	1,824	248	223	1,832	2,055
20	Jaipur	15	4	7	18	25	18	1	1	1	2	233	50	41	151	192	
21	Jamshedpur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Jodhpur	0	0	0	0	0	1	0	0	1	1	190	68	13	127	140	
23	Kanpur	0	0	0	0	0	0	0	0	0	0	0	829	78	571	512	1,083
24	Kampur	0	0	0	0	0	121	52	67	31	98	111	35	48	56	104	
25	Kozhikode	2	0	2	0	1	3	2	0	1	1	2	739	61	559	220	779
26	Kochi	9	0	5	3	8	36	3	27	13	40	1,220	83	874	249	1,123	
27	Kolkata	11	2	3	0	3	2	2	0	0	0	0	1,826	157	1,041	602	1,643
28	Kollam	1	0	1	0	1	2	1	0	1	1	1	695	68	616	115	731
29	Kota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Lucknow	107	43	39	41	80	224	99	88	54	142	206	91	65	54	119	
31	Ludhiana	74	58	16	6	22	47	32	19	9	28	0	0	0	0	0	0
32	Madurai	7	0	4	3	7	0	0	0	0	0	0	0	0	0	0	0
33	Mallapuram	4	0	4	0	4	2	0	2	2	4	426	56	334	142	476	
34	Meerut	33	2	2	42	44	146	26	21	183	204	286	157	37	212	249	
35	Mumbai	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Nagpur	0	0	0	0	0	0	0	0	0	0	0	968	267	665	400	1,065
37	Nashik	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
38	Patna	0	0	0	0	0	0	0	0	0	0	0	23	21	7	1	8
39	Pune	1	0	1	0	1	0	0	0	0	0	0	851	320	493	100	593
40	Raipur	41	0	2	23	25	0	0	0	0	0	0	143	133	0	24	24
41	Rajkot	0	0	0	0	0	0	0	0	0	0	0	28	9	20	4	24
42	Srinagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Surat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Thiruvanthapuram	5	0	4	0	4	0	0	0	0	0	0	849	94	694	192	886
45	Thrissur	2	0	1	0	1	3	0	3	0	3	631	70	460	225	685	
46	Tiruchirapalli	0	0	0	0	0	0	0	0	0	0	0	21	11	6	9	15
47	Vadodra	0	0	0	0	0	0	0	0	0	0	0	7	4	3	0	3
48	Varanasi	80	38	23	34	57	104	49	35	41	76	200	108	56	59	115	
49	Vijaywada city	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	Vizag	0	0	0	0	0	1	0	1	0	1	251	43	135	72	207	
Total		1,259	403	281	845	1,176	420	342	624	966	17,198	3,617	7,952	8,453	16,405		

Accidents classified according to Road Features in Million Plus cities during the calendar year 2022

S. No	Million Plus Cities	Straight Road						Curved Road						Bridge						Culvert									
		Number of Accidents		Persons Killed		Persons Injured		Number of Accidents		Persons Killed		Persons Injured		Number of Accidents		Persons Killed		Persons Injured		Number of Accidents		Persons Killed		Persons Injured					
		Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured	8	Number	Rank	Grievously Injured	Minor Injury	Total Injured	13	14	15	16	Grievously Injured	Minor Injury	Total Injured	18	17	20	21	22	23		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
1	Agra	443	35	272	13	218	87	305	133	43	107	36	143	85	149	38	14	52	12	1	8	12	20	20	20	20	20	20	
2	Ahmedabad	1,620	11	468	5	670	551	1,221	69	13	37	30	67	17	6	8	4	12	3	1	3	0	0	3	0	0	0	0	0
3	Allahabad(Prayagraj)	249	43	110	38	68	87	155	212	98	66	55	121	181	62	58	58	116	177	82	52	52	48	100	100	100	100	100	
4	Amritsar	113	47	81	44	39	16	55	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Asansol Durgapur	434	36	313	11	218	58	276	44	34	21	5	26	6	5	2	0	2	1	1	0	0	0	0	0	0	0	0	0
6	Aurangabad	510	29	191	24	245	108	353	11	3	5	6	11	5	4	5	0	5	1	0	1	0	1	0	1	0	1	0	1
7	Bengaluru	2,938	4	595	3	1,796	671	2,467	255	46	182	50	232	180	53	105	33	138	30	3	27	13	40	40	40	40	40	40	40
8	Bhopal	2,096	6	206	20	183	1,547	1,730	129	21	19	83	102	36	10	12	29	41	15	3	4	15	19	19	19	19	19	19	19
9	Chandigarh	236	44	82	43	18	185	203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Coimbatore	972	22	242	15	612	229	841	83	20	54	19	73	15	5	7	7	14	0	0	0	0	0	0	0	0	0	0	
11	Chennai	3,154	3	466	6	1,678	1,715	3,393	129	16	9	127	136	162	24	104	80	184	0	0	0	0	0	0	0	0	0	0	
12	Delhi	3,175	2	936	1	32	2,751	2,783	565	128	9	561	570	236	72	13	201	214	39	5	4	38	42	42	42	42	42	42	42
13	Dhairbad	24	50	18	49	4	1	5	80	44	37	8	45	8	6	1	1	2	7	2	3	2	5	5	5	5	5	5	5
14	Fairchild	559	27	241	17	51	382	433	5	1	4	1	4	5	17	13	3	3	0	0	0	0	0	0	0	0	0	0	0
15	Ghaziahdad	350	41	144	34	172	67	239	67	31	42	14	56	24	10	14	9	23	12	6	11	3	14	14	14	14	14	14	
16	Gwalior	1,335	15	195	22	42	970	1,012	93	15	8	57	65	0	0	0	0	0	4	0	0	4	4	4	4	4	4	4	
17	Hyderabad	1,638	10	214	18	298	1,142	1,440	286	45	24	237	261	69	6	9	69	78	56	9	7	32	39	39	39	39	39	39	
18	Indore	3,591	1	441	7	282	2,779	3,061	213	42	68	115	183	29	18	125	143	99	15	11	66	77	77	77	77	77	77	77	
19	Jabalpur	70	48	16	50	19	21	40	56	17	24	26	50	0	0	0	0	0	0	31	6	9	11	20	20	20	20	20	
20	Jaipur	2,100	6	622	2	429	1,264	1,693	76	23	30	36	66	125	53	33	41	74	63	13	23	38	61	61	61	61	61	61	
21	Jamshedpur	63	49	26	48	42	1	43	30	13	20	1	21	12	5	10	10	1	1	0	0	0	0	0	0	0	0	0	
22	Jodhpur	485	31	204	21	27	345	372	40	12	4	32	36	17	10	1	6	7	1	1	2	0	2	2	2	2	2	2	
23	Kannur	1,247	17	109	39	859	729	1,588	174	18	126	133	259	3	2	1	0	1	3	1	1	2	3	3	3	3	3	3	
24	Kanpur	387	38	187	28	183	64	247	239	99	121	46	167	35	17	29	4	33	85	43	64	8	72	72	72	72	72	72	
25	Khozikode	1,240	18	123	37	916	422	1,338	144	9	119	53	172	18	3	18	2	20	1	0	0	2	2	2	2	2	2	2	
26	Kochi	1,493	13	95	42	1,121	345	1,466	116	7	88	32	120	32	3	26	5	31	0	0	0	0	0	0	0	0	0	0	
27	Kolkata	1,119	19	136	35	629	351	980	283	41	139	87	226	60	8	38	14	52	1	0	1	0	1	0	1	0	1	0	
28	Kollam	1,426	14	154	31	1,268	222	1,490	154	14	137	164	22	5	16	8	24	1	0	1	0	1	0	1	0	1	0	1	
29	Kota	354	40	78	45	65	284	349	42	6	11	29	40	38	22	6	32	38	8	4	1	3	4	4	4	4	4	4	4
30	Lucknow	419	37	214	18	228	42	270	277	103	90	92	182	205	69	52	79	131	73	29	32	18	50	50	50	50	50	50	
31	Ludhiana	276	42	188	26	99	18	117	2	2	0	2	16	15	5	2	7	10	8	6	0	6	0	6	0	6	0	6	0
32	Madurai	685	25	175	29	270	282	552	0	0	0	0	48	14	14	27	41	1	0	0	0	1	1	1	1	1	1	1	
33	Malappuram	1,840	8	195	22	1,543	578	2,121	467	55	414	171	585	8	2	5	4	9	0	0	0	0	0	0	0	0	0	0	
34	Merut	532	28	189	25	61	443	504	51	16	18	35	53	37	19	5	33	38	46	23	7	29	36	36	36	36	36	36	36
35	Mumbai	1,895	7	371	8	1,308	363	1,671	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Nagpur	1,048	20	291	12	701	430	1,131	3	2	1	1	2	28	16	23	10	33	0	0	0	0	0	0	0	0	0	0	
37	Nashik	447	34	188	26	372	93	465	3	0	0	0	38	0	28	7	35	0	0	0	0	0	0	0	0	0	0	0	
38	Patna	156	45	108	40	43	3	46	42	29	15	4	19	21	24	11	0	0	0	0	0	0	0	0	0	0	0	0	
39	Pune	871	24	325	10	507	101	608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40	Raipur	1,738	9	539	4	56	1,188	1,244	64	15	0	15	56	14	1	27	28	20	8	20	8	17	18	18	18	18	18	18	18
41	Rajkot	485	31	148	32	233	174	407	8	0	11	0	11	5	2	3	1	4	0	0	0	0	0	0	0	0	0	0	
42	Srinagar	367	39	47	47	1	374	375	9	0	10	10	5	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	
43	Surat	616	26	252	14	420	92	512	5	1	3	1	4	61	39	29	8	37	1	1	0	0	0	0	0	0	0	0	
44	Thiruvananthapuram	908	23	96	41	732	194	926	160	14	134	42	176	22	2	19	7	26	2	0	0	0	0	0	0	0	0	0	
45	Thrissur	1,605	12	148	32	1,181	661	1,842	194	11	139	84	223	13	2	8	8	16	3	3	0	0	0	0	0	0	0	0	
46	Tiruchirapalli	488	30	130	36	172	396	568	12	3	5	7	12	42	16	11	33	44	0	0	0	0	0	0	0	0	0	0	
47	Vadodra	450	33	158	30	228	134	362	1	0	0	0	0	27	22	13	3	16	0	0	0	0	0	0	0	0	0	0	
48	Varanasi	139	46	64	46	39	56	1,055	80	51	48	99	15	9	9	18	33	17	10	10	10	20</							

Accidents classified according to Road Features in Million Plus cities during the calendar year 2022

Annexure 48 Concl...

Accidents Classified according to Type of Junctions in Million Plus cities during the calendar year 2022

S. No	Million Plus Cities	T-Junction						Y-Junction						Four arm Junction					
		Persons Killed			Persons Injured			Persons Killed			Persons Injured			Persons Killed			Persons Injured		
		Total number of Accidents	Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury	Total Injured		
1	Agra	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2	Ahmedabad		72	25	36	14	38	25	63	65	45	32	14	46	42	23	16	17	33
3	Allahabad(Prayagraj)		177	20	45	10	88	66	154	103	35	51	27	78	145	33	69	71	140
4	Amritsar		68	29	33	17	21	15	36	70	21	17	33	50	62	25	21	25	46
5	Asansol Durgapur		5	47	2	45		1	3	3	0	0	0	0	1	1	0	0	0
6	Aurangabad		6	46	4	39		2	0	2	4	3	1	0	1	12	11	10	11
7	Bengaluru		37	36	16	30	21	8	29	4	1	3	0	3	46	12	24	12	36
8	Bhopal		512	4	94	4	329	109	438	186	28	108	43	151	375	58	261	101	362
9	Chandigarh		358	8	20	24	18	291	309	31	4	9	30	39	243	22	30	202	232
10	Coimbatore		0	49	0	49	0	0	0	0	0	0	0	0	31	10	3	28	31
11	Chennai		163	21	38	13	115	27	142	12	6	8	5	13	157	41	82	41	123
12	Delhi		262	14	26	20	145	148	145	169	17	105	84	189	3	0	1	3	4
13	Dhanbad		397	6	116	3	27	324	351	268	70	23	201	224	530	137	56	405	461
14	Faridabad		34	37	17	28	16	2	18	25	18	6	1	7	8	4	2	1	3
15	Ghaziabad		7	45	3	41	0	6	6	0	0	0	0	0	83	36	10	52	62
16	Gwalior		122	23	45	10	51	37	88	49	17	22	15	37	75	36	34	9	43
17	Hyderabad		442	5	58	8	19	302	321	136	24	9	85	94	213	16	14	157	171
18	Indore		394	7	63	6	53	279	329	266	50	41	178	219	407	45	74	300	374
19	Jabalpur		152	22	36	14	21	91	112	39	4	7	27	34	688	47	9	537	546
20	Lajpur		1,831	1	242	1	368	1,394	1,762	693	63	97	561	658	273	21	86	198	284
21	Jamshedpur		306	11	90	5	53	170	223	45	16	9	37	46	160	38	51	80	131
22	Jodhpur		0	49	0	49	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Kannur		64	30	13	32	6	48	54	26	7	0	19	19	28	2	1	24	25
24	Kanpur		288	12	22	23	188	150	338	81	8	54	39	93	55	5	35	43	78
25	Khozikode		70	27	34	16	36	9	45	79	37	41	11	52	57	26	33	9	42
26	Kochi		186	19	13	32	138	51	189	55	4	39	18	57	153	9	104	68	172
27	Kollam		327	10	17	28	238	73	311	90	1	71	20	91	132	7	91	39	130
28	Kota		528	3	41	31	314	202	516	5	44	36	80	338	7	227	99	326	
29	Kota		245	15	23	21	209	38	247	67	4	59	8	67	139	11	139	20	159
30	Lucknow		107	24	52	9	38	21	59	60	38	33	12	45	49	27	19	13	32
31	Ludhiana		23	39	11	37	9	1	10	17	16	1	1	2	36	30	5	2	7
32	Madurai		19	40	3	41	10	12	22	4	0	4	1	5	32	4	15	14	29
33	Mallapuram		239	16	20	24	200	63	263	86	5	70	37	107	44	5	49	11	60
34	Meerut		43	35	13	32	5	39	44	31	11	7	27	34	37	17	5	29	34
35	Mumbai		18	41	4	39	13	2	15	19	8	10	1	11	192	85	103	12	115
36	Nagpur		1	48	1	47	0	0	0	0	0	0	0	0	54	6	35	26	61
37	Nashik		71	26	32	78	10	88	8	17	0	17	0	17	90	46	133	10	143
38	Patna		52	33	29	19	19	4	23	31	15	12	2	14	10	3	6	0	6
39	Pune		54	31	20	24	22	8	30	42	15	22	2	24	32	14	15	2	17
40	Raipur		594	2	238	2	11	298	309	54	7	0	36	364	74	9	168	9	164
41	Raikot		45	34	18	27	26	9	35	6	3	3	0	3	13	2	11	5	16
42	Srinagar		13	44	13	41	0	16	16	15	3	0	18	18	13	1	0	12	12
43	Surat		26	38	12	36	15	1	16	1	0	1	0	1	116	39	83	16	99
44	Thiruvananthapuram		194	18	15	31	165	32	197	155	16	127	36	163	196	17	159	40	199
45	Thrissur		347	9	23	21	263	125	388	122	5	75	67	142	144	16	94	70	164
46	Tiruchirappalli		54	31	11	37	19	36	55	7	1	2	10	12	15	2	7	19	26
47	Vadodra		15	43	3	41	6	6	12	0	0	0	0	0	34	21	12	6	18
48	Varanasi		263	27	39	12	26	24	50	44	25	17	14	31	37	15	15	2	32
49	Vijaywada city		195	17	30	18	89	53	142	120	32	23	68	91	238	43	60	128	188
50	Vizag		Total	9,513	1,730	3,644	4,760	8,256	3,522	707	1,299	1,831	3,130	6,338	1,175	2,384	3,188	5,572	

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Accidents Classified according to Type of Junctions in Million Plus cities during the calendar year 2022

S. No	Million Plus Cities	Staggered Junction						Round about Junction					
		Total number of Accidents		Persons Killed		Persons Injured		Total number of Accidents		Persons Killed		Persons Injured	
		20	21	22	23	24	25	26	27	28	29	30	31
1	1 Agra	76	51	28	8	36	197	101	75	43	118	43	118
2	2 Ahmedabad	0	0	0	0	0	45	18	14	22	36	22	36
3	Allahabad(Prayagraj)	130	52	37	45	82	58	23	19	24	43	24	43
4	Amritsar	2	1	1	0	1	3	1	1	1	1	1	2
5	Asansol Durgapur	5	4	1	1	2	2	1	1	1	0	1	1
6	Aurangabad	1	0	1	0	1	1	0	0	0	1	1	1
7	Bengaluru	692	143	406	147	553	226	52	122	51	173	51	173
8	Bhopal	38	5	2	24	26	21	12	10	11	21	11	21
9	Chandigarh	5	3	0	4	4	14	0	2	9	11	9	11
10	Coimbatore	89	16	54	35	89	12	5	5	3	8	3	8
11	Chennai	0	0	0	0	0	1	0	0	0	1	1	1
12	Delhi	241	56	17	190	207	310	81	55	207	262	55	262
13	Dhanbad	8	6	1	0	1	9	8	3	2	5	3	5
14	Faridabad	0	0	0	0	0	0	0	0	0	0	0	0
15	Ghazababad	43	25	16	7	23	57	19	23	11	34	11	34
16	Gwalior	6	0	1	5	6	110	24	11	60	71	60	71
17	Hyderabad	1,031	112	163	793	956	418	53	60	311	371	311	371
18	Indore	83	14	41	42	83	14	3	1	6	7	6	7
19	Jabalpur	9	1	7	9	16	139	8	34	97	131	97	131
20	Jaipur	47	8	6	33	39	55	9	22	27	49	22	49
21	Jamshedpur	0	0	0	0	0	167	68	111	4	115	4	115
22	Jodhpur	120	41	4	87	91	31	11	0	17	17	0	17
23	Kannur	99	11	49	77	126	10	1	13	73	86	13	86
24	Kanpur	105	49	52	16	68	79	38	40	14	54	14	54
25	Kochikode	6	1	3	2	5	5	0	4	1	1	1	1
26	Kochi	12	0	10	1	11	13	1	8	3	11	8	11
27	Kolkata	69	0	35	27	62	75	2	41	18	59	18	59
28	Kollam	14	1	17	3	20	1,617	175	1,411	271	1,682	271	1,682
29	Kota	0	0	0	0	0	14	0	3	12	15	12	15
30	Lucknow	39	16	24	11	35	32	14	22	8	30	8	30
31	Ludhiana	37	25	11	0	11	54	39	14	0	14	0	14
32	Madurai	0	0	0	0	0	7	1	3	4	7	3	7
33	Malkapuram	0	0	0	0	0	4	0	4	0	4	0	4
34	Meerut	47	19	9	41	50	66	27	13	57	70	57	70
35	Mumbai	4	1	2	3	3	1	1	1	1	2	1	2
36	Nasapur	0	0	0	0	0	2	1	1	0	1	1	1
37	Nashik	0	0	0	0	0	17	5	17	6	23	6	23
38	Patna	0	0	0	0	0	11	3	5	0	5	0	5
39	Pune	0	0	0	0	0	0	0	0	0	0	0	0
40	Rajpur	63	14	0	8	8	3	1	0	2	2	2	2
41	Rajkot	79	36	37	18	55	13	2	11	3	14	3	14
42	Singargarh	365	48	1	391	392	0	0	0	0	0	0	0
43	Surat	0	0	0	0	0	3	2	3	0	3	0	3
44	Thiruvananthapuram	45	8	35	7	42	34	3	29	6	35	6	35
45	Thrissur	156	9	113	85	198	30	1	16	10	26	10	26
46	Tiruchirappalli	1	0	1	0	1	17	4	5	15	20	15	20
47	Vadodra	0	0	0	0	0	13	8	7	4	11	4	11
48	Varanasi	45	27	11	16	27	48	10	19	29	29	19	29
49	Vijaywada city	60	18	19	32	51	41	5	8	22	30	22	30
50	Vizag	45	8	23	7	30	72	18	23	20	43	20	43
Total		3,937	829	1,237	2,174	3,411	4,173	878	2,281	1,477	3,758		

Accidents Classified according to Type of Traffic Control in Million Plus cities during the calendar year 2022

S. No	Million Plus Cities	Traffic Light Signal						Police Controlled						Stop Sign			
		Total number of Accidents		Persons Killed		Persons Injured		Total number of Accidents		Persons Killed		Persons Injured		Total number of Accidents		Persons Killed	
		Grievously Injured	Minor Injury	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury	Total Injured	Persons Killed	Grievously Injured	Minor Injury
1	Asra	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	Ahmedabad	82	12	41	30	71	29	12	7	13	20	21	5	13	3	16	3
3	Allahabad(Prayagraj)	51	18	19	35	46	13	21	23	44	54	21	13	25	13	38	38
4	Amritsar	5	2	2	1	3	5	3	1	1	2	1	1	0	0	0	0
5	Asansol Durgapur	7	7	0	0	0	3	0	3	0	3	4	3	1	0	1	1
6	Aurangabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bengaluru	377	55	243	79	322	133	24	94	22	116	15	1	12	2	14	14
8	Bhopal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Chandigarh	44	13	3	39	42	0	0	0	0	0	0	0	0	0	0	0
10	Coimbatore	172	42	100	51	151	97	18	54	26	80	2	1	1	3	4	4
11	Chennai	410	38	238	224	462	25	5	13	12	25	0	0	0	0	0	0
12	Delhi	488	94	56	396	452	119	31	7	92	99	183	41	43	131	174	174
13	Dhambad	0	0	0	0	0	1	0	1	1	3	0	0	0	2	2	2
14	Faridabad	59	25	6	40	46	0	0	0	0	0	0	0	0	0	0	0
15	Ghaziabad	30	10	13	14	27	0	0	0	0	0	25	12	11	9	20	20
16	Gwalior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Hyderabad	392	61	54	301	355	344	38	78	255	333	121	20	21	103	124	124
18	Indore	36	8	5	13	18	67	11	28	27	55	7	0	0	3	3	3
19	Jabalpur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Jaipur	119	21	36	64	100	40	9	27	10	37	3	3	0	1	1	1
21	Jamshedpur	26	11	20	1	21	18	6	18	18	17	6	10	0	0	0	0
22	Jodhpur	10	2	0	12	12	20	5	0	16	16	1	0	0	1	1	1
23	Kannur	9	3	4	2	6	42	5	28	47	75	3	0	2	1	3	3
24	Kanpur	13	7	9	2	11	65	35	36	7	43	100	46	52	11	63	63
25	Khozicode	46	1	28	25	53	111	11	80	27	107	6	0	4	7	11	11
26	Kochi	77	3	48	23	71	157	6	106	37	143	3	1	3	0	3	3
27	Kolkata	779	3	480	284	764	112	14	62	35	97	15	0	8	6	14	14
28	Kollam	87	3	92	14	106	247	27	213	45	258	6	0	4	2	6	6
29	Kota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Lucknow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Ludhiana	23	11	9	1	10	17	16	1	1	2	36	30	5	2	7	7
32	Madurai	33	5	17	13	30	4	0	3	1	4	17	3	7	15	22	22
33	Mallapuram	3	0	4	0	4	36	2	28	14	42	2	0	3	0	3	3
34	Meerut	11	3	1	5	6	9	3	2	6	8	19	4	3	6	9	9
35	Mumbai	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Nagpur	47	7	32	20	52	0	0	0	0	0	0	0	0	0	0	0
37	Nashik	0	0	0	0	0	0	0	0	0	0	135	54	188	20	208	208
38	Patna	6	5	4	0	4	0	0	0	0	0	0	0	0	0	0	0
39	Pune	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Raipur	154	26	1	92	93	383	106	7	179	186	10	0	0	0	8	8
41	Rajkot	16	5	15	1	16	88	45	36	21	57	5	2	4	0	4	4
42	Srinagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Surat	72	24	46	7	53	23	10	18	6	24	0	0	0	0	0	0
44	Thiruvananthapuram	45	8	35	7	42	34	3	29	6	35	194	15	165	32	197	197
45	Thrissur	7	0	4	5	9	68	5	46	28	74	36	2	24	21	45	45
46	Tiruchirappalli	19	3	5	22	27	56	10	21	47	68	1	0	1	0	1	1
47	Vadodra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Varanasi	20	11	6	11	17	19	9	3	8	11	32	15	17	13	30	30
49	Vijaywada city	129	26	44	62	106	411	73	109	198	307	19	9	4	10	14	14
50	Vizag	196	40	99	50	149	166	23	64	43	107	11	4	2	4	6	6
Total		4,151	637	1,841	1,941	3,782	3,013	586	1,255	2,622	2,517	1,109	299	624	442	1,066	Comd...

Accidents Classified according to Type of Traffic Control in Million Plus cities during the calendar year 2022

Annexure 50 Concl...

S. No	Million Plus Cities	Flashing Signal/Blinker						Uncontrolled					
		Total number of Accidents		Persons Killed		Persons Injured		Total number of Accidents		Persons Killed		Persons Injured	
		Grievously Injured	Minor Injury	Total Injured	Number	Rank	Number	Rank	Grievously Injured	Minor Injury	Total Injured		
1	2	18	19	20	21	22	23	24	25	26	27	28	29
1	Agra	45	21	24	17	41	336	14	203	4	128	68	196
2	Ahmedabad	6	3	1	0	1	332	15	99	12	160	140	300
3	Allahabad(Prayagraj)	31	11	7	17	24	206	23	91	14	55	61	116
4	Amritsar	1	1	0	0	0	2	45	1	43	1	0	1
5	Asansol Durgapur	3	6	5	0	5	12	42	7	40	6	2	8
6	Aurangabad	0	0	0	0	0	89	32	29	30	49	21	70
7	Bengaluru	65	13	46	24	70	1,401	4	282	2	831	324	1,155
8	Bhopal	0	0	0	0	0	691	8	63	18	69	558	627
9	Chandigarh	6	0	2	2	4	0	47	0	45	0	0	0
10	Coimbatore	19	3	19	7	26	143	27	42	26	90	24	114
11	Chennai	0	0	0	0	0	0	47	0	45	0	0	0
12	Delhi	252	65	24	192	216	704	7	229	3	48	516	564
13	Dhanbad	0	0	0	0	0	80	35	53	21	28	3	31
14	Faridabad	0	0	0	0	0	31	41	14	37	4	18	22
15	Ghaziabad	27	13	19	0	19	264	19	107	11	103	56	159
16	Gwalior	0	0	0	0	0	907	5	122	10	54	609	663
17	Hyderabad	187	24	20	155	175	1,472	3	180	5	218	1,047	1,265
18	Indore	5	0	2	3	5	861	6	85	15	44	657	701
19	Jabalpur	0	0	0	0	0	2,945	1	335	1	592	2,259	2,851
20	Lajpur	0	0	0	0	0	451	11	128	9	78	272	350
21	Jamshedpur	18	5	15	0	15	88	33	40	27	48	2	50
22	Jodhpur	0	0	0	0	0	238	20	67	16	11	166	177
23	Kannur	9	1	7	3	10	470	10	38	29	298	329	627
24	Kanpur	80	37	39	17	56	132	29	59	20	66	22	88
25	Khozitode	8	1	4	6	10	234	22	14	37	172	75	247
26	Kochi	26	0	22	4	26	311	17	16	16	36	239	311
27	Kolkata	15	0	12	5	17	171	25	0	45	99	52	151
28	Kollam	44	5	40	9	49	1,698	2	179	6	1,486	270	1,756
29	Kota	0	0	0	0	0	47	39	4	41	12	42	54
30	Lucknow	0	0	0	0	0	287	18	147	8	136	65	201
31	Ludhiana	37	25	11	0	11	54	36	39	28	14	0	14
32	Madurai	7	0	4	2	6	1	46	0	45	1	0	1
33	Mallapuram	0	0	0	0	0	0	332	15	28	31	288	97
34	Meerut	28	16	6	23	29	157	26	61	19	27	153	180
35	Mumbai	0	0	0	0	0	236	21	99	12	128	18	146
36	Nagpur	1	0	1	0	1	44	9	43	1	3	6	9
37	Nashik	62	18	57	6	63	0	47	0	45	0	0	0
38	Patna	98	45	38	6	44	0	47	0	45	0	0	0
39	Pune	0	0	0	0	0	128	30	49	23	59	12	71
40	Raipur	102	48	4	42	46	429	12	154	7	8	191	199
41	Raikot	0	0	0	0	0	47	39	9	39	33	13	46
42	Srinagar	0	0	0	0	0	426	13	53	21	1	437	438
43	Surat	0	0	0	0	0	51	37	19	33	38	4	42
44	Thiruvananthapuram	155	16	127	36	163	196	24	17	34	159	40	199
45	Thrissur	7	2	6	1	7	681	9	45	25	481	302	783
46	Tiruchirappalli	7	1	4	4	8	11	43	4	41	3	7	10
47	Vadodra	11	5	7	5	12	51	37	32	18	11	29	75
48	Varanasi	55	35	15	21	36	118	31	65	17	38	37	125
49	Vijaywada city	28	7	22	11	33	135	28	46	24	41	84	125
50	Vizag	18	3	8	6	14	82	34	17	34	42	19	61
Total	1,463	430	618	624	1,242	17,747	3,367	3,507	9,161	6,5668			

Appendix - I

FORMATS OF COLLECTION OF ROAD ACCIDENT DATA BY TRW

TOTAL NUMBER OF ROAD ACCIDENTS CLASSIFIED ACCORDING TO MONTH OF THE YEAR

Format - 1

Month	Type of Accidents					Number of persons involved			Total
	Fatal	GI	MI	NI	Total	Killed	Grievous Injured	Minor Injured	
1. January					0				0
2. February					0				0
3. March					0				0
4. April					0				0
5. May					0				0
6. June					0				0
7. July					0				0
8. August					0				0
9. September					0				0
10. October					0				0
11. November					0				0
12. December					0				0
TOTAL	0	0	0	0	0	0	0	0	0

Format - 2

Time	Type of Accidents					Number of persons			Type of Accidents			Number of persons				
	Fatal	GI	MI	NI	Total	Killed	GI	MI	Fatal	GI	MI	NI	Total	Killed	GI	MI
06.00 to 9.00 hrs (Day)					0								0			
09.00 to 12.00 hrs (Day)					0								0			
12.00 to 15.00 hrs (Day)					0								0			
15.00 to 18.00 hrs (Day)					0								0			
18.00 to 21.00 hrs (Night)					0								0			
21.00 to 24.00 hrs (Night)					0								0			
00.00 to 3.00 hrs (Night)					0								0			
03.00 to 6.00 hrs (Night)					0								0			
Un-known time					0								0			
TOTAL\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Format - 3

Accidents Classified According to Weather Conditions

Weather Condition	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons	
			Non Injury (not needing hospitalisation)	Total	Killed	Grievously Injured	Minor Injury
1. Sunny/Clear				0			
2. Rainy				0			
3. Foggy & Misty				0			
4. Hail/Sleet				0			
5. Others (Specify)				0			
TOTALS	0	0	0	0	0	0	0

Format - 4

Accidents According to the Classification of Road

Classification of Road	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons	
			Non Injury (not needing hospitalisation)	Total	Killed	Grievously Injured	Minor Injury
1. Expressways				0			
2. National Highways				0			
3. State Highways				0			
4. Other Roads				0			
TOTALS	0	0	0	0	0	0	0

Format - 5

Accidents Classified According to Road Environment

Accident Spot	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons Injured			Comments if any
			Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Minor Injury	
1. Residential Area					0	0			
2. Institutional Area *					0	0			
3. Market/ Commercial area #					0	0			
4. Open Area					0	0			
5. Others (Specify)	0	0	0	0	0	0	0	0	
TOTAL \$	0	0	0	0	0	0	0	0	0

* *Institutional Area: Colleges, Schools, offices & religious places etc.*

Markets/Commercial : Shops

Format - 6

Accidents Classified According to Road Features

Road Features	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons Injured			Comments if any
			Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Minor Injury	
1. Straight Road					0	0			
2. Curved Road					0	0			
3. Bridge					0	0			
4. Culvert					0	0			
5. Pot Holes					0	0			
6. Steep Grade					0	0			
7. Ongoing Road Works/Under Construction					0	0			
8. Others (Specify)					0	0	0	0	
TOTAL \$	0	0	0	0	0	0	0	0	0

Format - 7

Accidents Classified According to Junction Type

Junction Type	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons Injured		
			Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Minor Injury
1. T Junction					0	0		
2 Y Junction					0	0		
3. Four Arm Junction					0	0		
4. Staggered Junction					0	0		
5. Round About Junction					0	0		
Total	0	0	0	0	0	0	0	0

Format - 8

Accidents Classified According to Traffic Control at Junction

Traffic Control	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons Injured		
			Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Minor Injury
1. Traffic light Signal					0	0		
2. Police Controlled					0	0		
3. Stop Sign					0	0		
4. Flashing signal/blinker					0	0		
5. Uncontrolled					0	0		
Total	0	0	0	0	0	0	0	0

Format - 9

Location of pedestrian accidents according to whether at Pedestrian Infrastructure §

Pedestrian Infrastructure	Number of Accidents					Comments if any
	Fatal	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)	Non Injury	Total	
1.Zebra Crossing §				0		
2.Foot Bridge/Subway				0		
3.Footpath				0		
4.Others (where there is no pedestrian infrastructure)				0		Provide chainage where pedestrians in this category are dying
Total	0	0	0	0	0	0

§ Information to be filled in respect of pedestrians in the format according to presence of Zebra crossing, foot bridge and footpath.

Format - 10 (a)

Persons killed in Accidents Classified by the type of impacting vehicles

Crime Vehicle	1. Bicycles	2.Two Wheelers	3.Auto Rickshaws	4.Cars, Taxis, Vans & LMV	5.Trucks/Lorries	6.Buses	7. Other Non-motorized vehicle (E-rickshaw etc.)	8. Others	9.Total
Victim/Victim Vehicle									
1. Pedestrian									0
2. Bicycles									0
3.Two Wheelers									0
4.Auto Rickshaws									0
5.Cars, Taxis, Vans & LMV									0
6.Trucks/Lorries									0
7.Buses									0
8. Other Non-motorized vehicle (E-rickshaw etc.)									0
9. Others									0
Total	0	0	0	0	0	0	0	0	0

Format - 10 (b)

Persons Grievous injured in Accidents Classified by the type of impacting vehicles

Crime Vehicle Victim/Victim Vehicle	1. Bicycles	2.Two WHEELERS	3.Auto Rickshaws	4.Cars, Taxis, Vans & LMV	5.Trucks/Lorries	6.Buses	7. Other Non- motorized vehicle (E-rickshaw etc.)	8. Others	9.Total
1. Pedestrian									0
2. Bicycles									0
3.Two Wheelers									0
4.Auto Rickshaws									0
5.Cars, Taxis, Vans & LMV									0
6.Trucks/Lorries									0
7.Buses									0
8. Other Non- motorized vehicle (E-rickshaw etc.)									0
9.Others									0
Total	0	0	0	0	0	0	0	0	0

Format - 10 (c)

Persons Minor injured in Accidents Classified by the type of impacting vehicles

Crime Vehicle Victim/Victim Vehicle	1. Bicycles	2.Two WHEELERS	3.Auto Rickshaws	4.Cars, Taxis, Vans & LMV	5.Trucks/Lorries	6.Buses	7. Other Non- motorized vehicle (E-rickshaw etc.)	8. Others	9.Total
1. Pedestrian									0
2. Bicycles									0
3.Two Wheelers									0
4.Auto Rickshaws									0
5.Cars, Taxis, Vans & LMV									0
6.Trucks/Lorries									0
7.Buses									0
8. Other Non- motorized vehicle (E-rickshaw etc.)									0
9.Others									0
Total	0	0	0	0	0	0	0	0	0

Format - 10 (d)

Summary table of format 10 (a), 10 (b) & 10 (c)

Vehicle/persons involved	Number of Accidents				Number of Persons Injured			
	Fatal	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Minor Injury
1. Pedestrian					0			
2. Bicycles					0			
3.Two Wheelers					0			
4.Auto Rickshaws					0			
5.Cars, Taxis, Vans & L MV					0			
6.Trucks/Lorries					0			
7.Buses					0			
8. Other Non-motorized vehicle (E-rickshaw etc.)					0			
9. Others					0			
Total	0	0	0	0	0	0	0	0

Format - 11

Accidents Classified According to Age of Impacting Vehicles

Age of Vehicles	Number of Accidents				Number of Persons Injured			
	Fatal	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Minor Injury
1. Less than 5 years					0			
2. 5 – 10 years					0			
3.10.1 -15 years					0			
4.> 15 years					0			
5.Age Not Known					0			
Total	0	0	0	0	0	0	0	0

Accidents Classified According to Type of Collision/Impact

Load Condition	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons		
			Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievously Injured	Injured
1. Normally Loaded					0			
2. Overloaded/ Hanging					0			
3. Empty					0			
4. Not known					0			
Total	0	0			0	0	0	0

Format - 13 (a)

Accidents Classified According to Type of Collision/Impact

Nature of Accident	Fatal	Grievous Injury (need hospitalisation)	Number of Accidents			Number of Persons		
			Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)
1 Vehicle to Vehicle					0			
2. Vehicle to Pedestrian					0			
3. Vehicle to Non-Motorised vehicle					0			
4. Vehicle to Animal					0			
Total	0	0			0	0	0	0

Format - 13 (b)

Accidents Classified According to Type of Collision

Nature of Accident/ Fatalities	Number of Accidents				Number of persons			
	Fatal	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)	Non Injury	Total	Killed	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)
1 Hit & Run					0			
2.Hit With Parked Vehicle					0			
3.Hit from Back					0			
4.Hit from side					0			
5.Run Off Road					0			
6.Hit with Fixed Object					0			
7.Vehicle Overturn					0			
8.Head on Collision					0			
9.Others (Specify)					0			
Total	0	0	0	0	0	0	0	0

Format - 14

Accidents Classified According to Type of Traffic Violations

Type of Traffic Violations	Number of Accidents				Number of Persons		
	Fatal	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)	Non Injury	Killed	Injured Grievously	Injured
1. Over-Speeding					0		
2. Drunken Driving/ Consumption of alcohol & drug					0		
3. Driving on Wrong side					0		
4. Jumping Red Light					0		
5.Use of Mobile Phone					0		
6. Others#					0		
Total	0	0	0	0	0	0	0

Others refers to other than traffic violation i.e lost control, slept, poor road visibility, engineering defect etc.

Format - 15

Persons killed and Injured due to Non wearing of Safety Device by Victims

Safety Devices	Number of Persons		
	Killed	Grievously Injured (need hospitalisation)	Minor Injured (need hospitalisation)
1. Non-Wearing of Helmets	0	0	0
a) Drivers			
b) Passengers			
2. Non-Wearing of Seat Belt	0	0	0
a. Drivers			
b. Passengers			

Format - 16

Accidents Classified According to License of Drivers

Type of License	Number of Accidents		
	Fatal	Grievous Injury (need hospitalisation)	Minor Injury (not needing hospitalisation)
1. Valid Permanent License			
2. Learner License			
3. Without License			
4. Not known			
Total	0	0	0

Format - 17

Accidents Classified According to Type of Road User

Persons	Number of Persons							
	Killed		Grievously Injured (need hospitalisation)		Minor Injured (not needing hospitalisation)		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
1. Pedestrian							0	0
2. Bicycles							0	0
a) Drivers							0	0
b) Passengers							0	0
3.Two Wheelers							0	0
a) Drivers							0	0
b) Passengers							0	0
4.Auto Rickshaws							0	0
a) Drivers							0	0
b) Passengers							0	0
5.Cars, Taxis, Vans & LMV							0	0
a) Drivers							0	0
b) Passengers							0	0
6.Trucks/Lorries							0	0
a) Drivers							0	0
b) Passengers							0	0
7.Buses							0	0
a) Drivers							0	0
b) Passengers							0	0
8.Other Non-Motor Vehicles (E-rickshaw etc.)							0	0
a) Drivers							0	0
b) Passengers							0	0
9.Others							0	0
a) Drivers							0	0
b) Passengers							0	0
Total	0	0	0	0	0	0	0	0
a) Drivers	0	0	0	0	0	0	0	0
b) Pedestrain+ Passenger	0	0	0	0	0	0	0	0

Persons killed and Injured according to Type of Victims, Age and Sex

Victims	Number of Persons			
	Killed		Injured	
	Male	Female	Male	Female
(A) Drivers – Total	0	0	0	0
1. Less than 18 years				
2. 18-25				
3. 25-35				
4. 35-45				
5. 45-60				
6. 60 and Above				
Age not known				
(B) Passengers – Total	0	0	0	0
1. Less than 18 years				
2. 18-25				
3. 25-35				
4. 35-45				
5. 45-60				
6. 60 and Above				
Age not known				
(C) Pedestrian – Total	0	0	0	0
1. Less than 18 years				
2. 18-25				
3. 25-35				
4. 35-45				
5. 45-60				
6. 60 and Above				
Age not known				
(D) Cyclist – Total	0	0	0	0
1. Less than 18 years				
2. 18-25				
3. 25-35				
4. 35-45				
5. 45-60				
6. 60 and Above				
Age not known				
Total	0	0	0	0
1. Less than 18 years	0	0	0	0
2. 18-25	0	0	0	0
3. 25-35	0	0	0	0
4. 35-45	0	0	0	0
5. 45-60	0	0	0	0
6. 60 and Above	0	0	0	0
Age not known	0	0	0	0

Format - 19

**Accidents & fatalities occurred on National Highways*
under different categories**

Different categories	Total Accidents	Killed
1. National Highways under NHAI	2	3
2. National Highways under State PWD		
3. National Highways under Other Departments		
4. Total		

* Including Expressways

Format - 20

**Accidents/Persons killed under the category of road user on National Highways*
under different categories**

Road User	National Highways under NHAI	National Highways under State PWD	National Highways under Other Departments
	Total Accidents	Persons killed	Total Accidents
1. Pedestrian			
2. Bicycles			
3. Two Wheelers			
4. Auto Rickshaws			
5. Cars, Taxis, Vans & L.M.V			
6. Trucks/Lorries			
7. Buses			
8. Other Non-Motorized Vehicles (E-rickshaw etc.)			
9. Others			
Total			

* Including Expressways

Accidents & fatalities classified according to type of traffic violation on National Highways* under different categories

Type of traffic violation	National Highways under NHAI		National Highways under State PWD		National Highways under Other Departments	
	Total Accidents	Persons killed	Total Accidents	Persons killed	Total Accidents	Persons killed
1. Over-Speeding						
2. Drunken Driving/ Consumption of alcohol & drug						
3. Driving on Wrong side						
4. Jumping Red Light						
5. Use of Mobile Phone						
6. Others						
	Total					

* Including Expressways

Appendix - II

Explanation of terms used in the Report:

Accident Type	Definition
Fatal Accident	A fatal accident is one in which one or more persons are killed as a result of the accident, provided death occurs within 30 days.
Serious Injury Accident	A serious injury accident is defined as either for which a person is detained in hospital as an “ in patient ” or if any one of the following injuries are sustained whether or not he or she is detained in the hospital:- fractures, concussions, internal injuries, crushing, severe cuts and lacerations or severe general shock requiring medical treatment and victim require ICU admission .
Major Injury Accident	A major injury accident is defined as either for which a person is detained in hospital as an “ in patient ”, or if any one of the following injuries are sustained whether or not he or she is detained in the hospital:- fractures, concussions, internal injuries, crushing, severe cuts and lacerations or severe general shock requiring medical treatment but does not require ICU ICU admission .
Grievous Injury Accident	Includes both Serious injury accident and Major injury accident defined above.
Minor Injury Accident	injuries but a person is slightly injured. This will be an injury of minor nature such as a cut, sprain or bruise, where only first aid is required and does not require hospitalisation .
No Injury Accident (Damage only Accident)	One in which no one is injured but damage to vehicle and/or property sustains.
Road Accident Risk	Number of Accidents per Lakh Population
Road Accident Death Risk:	Number of Persons Killed per Lakh Population
Road Accident Rate	Number of Accidents Per Ten Thousand Vehicles
Road Accident death rate	Number of Persons killed Per Ten Thousand Vehicles
Vehicle Density	Number of Vehicles per Km of Road
Pedestrian	Any person other than a driver or passenger. Persons in or operating pedestrian conveyance such as perambulator, invalid chair without engine, push cart etc or pulling a cycle are Pedestrians. Persons attending to a vehicle (e.g for change or tyre, repairing engine etc) moving on roller skates, etc are also pedestrians..
Type of Collision	This is a type of road traffic collision in which only one vehicle is involved. Contributing factors include such as loss of control or mis-judging a curve, or attempting to avoid colliding with another road user or an animal
Run off road	where the front ends of two vehicles hit each other in opposite directions
Head on collision	

ABBREVIATIONS

APRAD	Asia Pacific Road Accident Data
CAGR	Compound Annual Growth Rate
CMVR	Central Motor Vehicles Rules
DTC	Driving Training Centre
FOB	Foot Over Bridge
IRAD	Integrated Road Accident Database
IDTR	Institutes of Driving Training and Research
IRC	Indian Road Congress
IPC	Indian Penal Code
MoRTH	Ministry of Road Transport & Highways
MVA Act	Motor Vehicle Amendment Act
NHAI	National Highways Authority of India
NH	National Highways
NCT	National Capital Territory
PWD	Public Works Department
PUP	Pedestrian Underpass
PSW	Pedestrian Subways
RTO	Regional Transport Office
RDTC	Regional Driving Training Centre
SH	State Highways
TRW	Transport Research Wing
TPMS	Tyre Pressure Monitoring System
UNESCAP	United Nations Economic and Social Commission for Asia and the Pacific
UT	Union Territory
WHO	World Health Organisation
Y-o-Y	Year on Year

ROAD ACCIDENTS IN INDIA 2022

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SAFETY FIRST



Never use mobile
while driving



Wear helmet



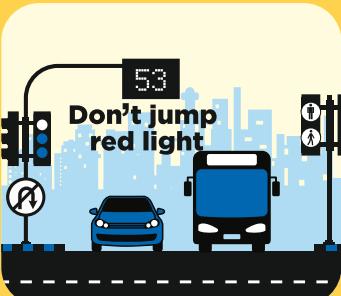
Never drink
and drive



Be a good
samaritan



Don't
overspeed



Don't jump
red light



Right of way



Always wear
seatbelt



GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
(TRANSPORT RESEARCH WING)

IDA Building, Jamnagar House
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