

ROAD ACCIDENTS IN INDIA (2018)



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
TRANSPORT RESEARCH WING
IDA BUILDING, JAMNAGAR HOUSE,
SHAHJAHAN ROAD, NEW DELHI-110011
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ROAD ACCIDENTS IN INDIA – 2018



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MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
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NEW DELHI
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नितिन गडकरी
NITIN GADKARI



मंत्री

सङ्क परिवहन एवं राजमार्ग;

सूक्ष्म, लघु एवं मध्यम उद्यम

भारत सरकार

Minister

Road Transport and Highways;
Micro, Small and Medium Enterprises
Government of India

25th September, 2019

MESSAGE

India, unfortunately ranks at the top with highest number of fatalities with about 11% share in the world. The "Road accidents in India 2018" is an effort of the Ministry to highlight the state-wise data and causes of the accidents and fatalities. The data would help the policy makers to put in place focused initiatives to address the menace of rising road accidents and resultant fatalities.

The data collected from all the States and Union Territories has been compiled in the Publication. The total number of accident related deaths in 2018 stood at 1,51,417 indicate an increase of 2.3% over the figures for 2017. About 85% of the accident related deaths happen in the most productive age group of 18-60. Road accidents deaths not only cause severe trauma to the family of the victim but they also result in huge economic loss to the Nation. We remain deeply committed to reducing road accidents in the country and have been taking several measures to reduce the same.

Our interventions on Road Safety include Engineering interventions like ihe identification of Black Spots on Roads and rectification of the same, working with the automobile Industry for putting in place safety provisions like seat belt reminder, air bags, speed alerts, reverse cameras, anti-lock braking systems, a strong advocacy policy etc.

The most important initiative taken by us this year in respect of Road Safety has been the enactment of the Motor Vehicle Amendment Act 2019 which, inter-alia, provides for a stiff hike in penalties for traffic violations. The other provisions of the Act include setting up of a National Road Safety Board, protection of "Good Samaritan", cashless treatment during golden hour. provision of third party Insurance, constitution of a Motor Vehicle fund with increased compensation for hit and run. automated fitness testing for vehicles, introduction of the provision for recall of vehicles etc.

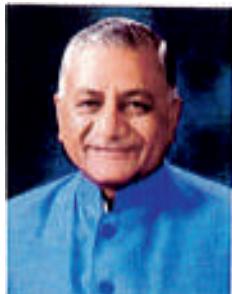
The Ministry is also working to improve the quality of accident data collection with use of IT based systems which would also help in getting the real-time causative analysis of the road accidents. We also expect to avoid the delays in bringing the Publication in the coming years with the IT based data collection. I congratulate the TRW Team for their efforts.

With the better enforcement as well as better compliance of regulations by all the stake holders, I am sure, we will be able to significantly reduce the road accident fatalities in coming years.

(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 एवं राजमार्ग मंत्रालय
भारत सरकार, नई दिल्ली

Minister of State for
Road Transport & Highways
Government of India, New Delhi

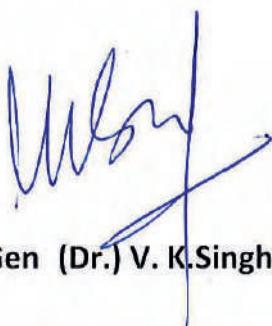
MESSAGE

Road traffic continues to be a major developmental issue, a public health concern and is a leading cause of death and injury across the world, killing more than 1.35 million globally as reported in the Global Status report on Road Safety 2018 with 90% of these casualties taking place in the developing countries and 11% alone being accounted by India.

As per the Report on Road accidents in India 2018, the accident related deaths in India in 2018 were 1,51,417. It is indeed a matter of great concern that despite the continuing efforts of the Government in this regard and our commitments for halving deaths by 2020 in the Brasilia Declaration, we have not been able to register any marked progress on this front.

Ministry of Road Transport and Highways has been taking multiple initiatives including those related to vehicular and road engineering as well as educational measures for raising awareness in the field of Road Safety . The year 2019 has seen the culmination of our efforts in the field of Road safety through the enactment of the Motor Vehicle Amendment Act 2019, which among other things, provides for a stiff hike in penalties for traffic violations with the aim of bringing in discipline and a responsible attitude amongst road users .

I believe that the countrywide implementation of the above act, in its true spirit , will mark the turning point in road related deaths in the country.



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

डा० संजीव रंजन, आई.ए.एस.
सचिव
Dr. SANJEEV RANJAN, I.A.S.
Secretary



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

FOREWORD

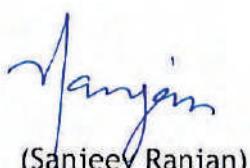
Road accidents continue to be a leading cause of death, disabilities and hospitalization in the country despite our commitment and efforts. The report also brings out that while accidents, deaths and injuries registered a steep rise till 2010, they somewhat stabilised after that, with only marginal year to year fluctuations. Further, the CAGR of accidents as well as accident related deaths in the period 2010-2018 dropped drastically and was the least when compared with the previous decades, despite the very high rate of growth of automobiles. (Chart 1.1 & 1.2 in the Report).

Road traffic accidents are amenable to remedial actions and the Ministry has been implementing a multi pronged road safety strategy based on Education, Engineering (both of roads and vehicles), Enforcement and Emergency Care as detailed in Chapter 8 of the Report, consisting inter-alia of setting up driver training schools, creating awareness, strengthening automobile safety standards ,improving road infrastructure, carrying out road safety audit etc. These efforts of the Ministry are manifest in the decline in the CAGR of accidents and accident related deaths during the period 2010-18.

The year 2019 witnessed a consolidation of the Ministry's efforts in the field of Road Safety as the Motor vehicle Amendment Bill 2019, amending the Motor Vehicle Act 1988, was eventually passed by both houses of Parliament in August 2019. The Motor Vehicle Amendment Act 2019 since enacted, focuses on road safety and includes, inter-alia, stiff hike in penalties for traffic violations and electronic monitoring of the same, enhanced penalties for juvenile driving, cashless treatment during the golden hour, computerisation/automation of vehicle fitness and driving tests, recall of defective vehicles, extending the scope of third party liability and payment of increased compensation for hit and run cases etc. The detailed provisions of the Act have been summarized in Section 9 of the Report.

It is hoped that the data on different facets of road accidents and analysis contained in this Report will be useful in policy formulation by States /UTs as well as for other stake holders.

Dated: 26th September, 2019



(Sanjeev Ranjan)



BABNI LAL

Economic Adviser (TRW)
Tel.: (O) 011-23384160
E-mail : bbnilal@nic.in

भारत सरकार
Government of India
सड़क परिवहन एवं राजमार्ग मंत्रालय
Ministry of Road Transport & Highways
परिवहन अनुसंधान विभाग
(Transport Research Wing)
आई.डी.ए. बिल्डिंग, जामनगर हाउस
शाहजहाँ रोड, नई दिल्ली - 110 011
I.D.A., Building, Jamnagar, House,
Shahjahan Road, New Delhi-110 011

PREFACE

As you are aware, the Transport Research Wing of the Ministry of Road Transport and Highways publishes an annual report of accidents, related deaths and injuries, calendar year- wise, based on information supplied by the Police Departments of States and UTs in a set of standardized formats approved by the Committee on Road Safety.

The present volume of 'Road accidents in India 2018' provides information on various aspects of road accidents in the year 2018. It has nine sections giving an overview, profile of road accidents , causes of road accidents; inter-state comparisons; share of millions plus cities; spatial and inter-temporal distribution; international comparisons; road safety initiatives taken by the Government of India and a brief write up on Motor Vehicle Amendment Bill 2019 etc. A summary of the Report is available under the section titled Executive Summary.

It is our constant endeavor to enrich this document which is the only official source of accidents, related deaths and injuries in the country. We have been especially enriched with our interactions with the Supreme Court Committee on Road Safety and have made substantial revisions in this edition of the document and have tried to make the same more analytical and rigorous for the use of the Committee.

I remain extremely grateful to the Police Departments of all States/U.Ts for providing us the data as per set formats. However, there is a need to reduce the timelag in bringing out this document and it is with this end in view that TRW is in the process of developing a software at the national level to enable integrating the accident related data collected by the States/UT with the Centre through electronic transfer as against manual transfer done at present. This would enable instant uploading of this information by the States and its analysis at the Central Level. We hope to share this software shortly with the states .

We have also requested States for information in respect of Black Spots for the years 2015 to 2018. This information remains extremely important for the Ministry for prioritizing their rectification efforts and should ideally be a part of this document. However, for the lack of response from some States, the inclusion of a section on Black Spots is being postponed to the next document.

Lastly, I wish to record my deep appreciation for the support and cooperation provided by all my colleagues in TRW who have worked tirelessly in improving and completing this document.

Babni Lal
(Babni Lal)

New Delhi, September, 2019

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EXECUTIVE SUMMARY

1. Section 1 of the report provides a brief overview of Road accidents in India. It underlines the commitments made by India at the second global high level conference on Road Safety in Brazil in 2015 to halving deaths and injuries from accidents by 2020.
2. India, however ranks 1st in the number of road accident deaths across the 199 countries reported in the World Road Statistics, 2018 followed by China and US. As per the WHO Global Report on Road Safety 2018, India accounts for almost 11% of the accident related deaths in the World.
3. A total of 4,67,044 road accidents have been reported by States and Union Territories (UTs) in the calendar year 2018, claiming 1,51,417 lives and causing injuries to 4,69,418 persons.
4. In percentage terms, in 2018, the number of accidents has increased by 0.46 percent, persons killed has increased by 2.4% and injuries have decreased by 0.33 percent over that of the previous year i.e 2017. Road accident severity measured by the number of persons killed per 100 accidents, has seen an increase of 0.6 percentage points in 2018 over the previous year.
5. Section 1 also brings out that while accidents, deaths and injuries in India registered a steep rise till 2010, the same somewhat stabilised after 2010, with marginal year to year fluctuations (Chart 1.1 in the Report). Further, the CAGR of accidents as well as accident related deaths in the period 2010-2018 dropped drastically when compared with the previous decades, despite the very high rate of growth of automobiles.(Chart 1.2 in the Report).
6. In Section 2, Road accidents have been profiled by road category, type of impacting vehicle, type of collision, age of victim, gender and road user category which inter-alia bring out the following:
 - (i) National Highways which comprise of 1.94 percent of total road network, accounted for 30.2 per cent of total road accidents and 35.7 per cent of deaths in 2018. State Highways which account for 2.97% of the road length accounted for 25.2 percent and 26.8 percent of accidents and deaths respectively. Other Roads which constitute about 95.1% of the total roads were responsible for the balance 45 % of accidents and 38% deaths respectively.
 - (ii) In impacting vehicle categories, two-wheelers accounted for the highest share (35.2%) in total accidents and (31.4%) in accident related killings in 2018. Light vehicles comprising cars, jeeps and taxis as a category, ranks second with a share of 24.3 per cent in total accidents and 20.3 per cent in total fatalities.
 - (iii) In terms of accident related killings by type of road user, the number of Pedestrians killed accounted for 15%, the share of cyclists was 2.4% and that of Two wheelers was 36.5%. Together these categories explain 53.9% of the accident related killings and are the most vulnerable category quite in line with global trends.

(iv) During 2018, like the previous two years, young adults in the age group of 18 - 45 years accounted for nearly 69.6 percent of road accident victims. The working age group of 18 – 60 accounted for a share of 84.7 percent in the total road accident deaths.

(v) The number of hit and run cases in 2018 accounted for 18.9% of the deaths compared to 17.5% in 2017. Head on collision , followed by Hit and run cases followed by Hit from the back accounted for almost 56% of persons killed in 2018. The category which registered the maximum increase in terms of persons killed in 2018 was collision with parked vehicles.

(vi) The share of males in number of total accident deaths was 86% while the share of females hovered around 14% in 2018

7. Road accidents are multi-causal and are often the result of an interplay of various factors. like (i) human error, (ii) road environment and (iii) vehicular condition. The information received from the States/UTs on the causes of road accidents has been summarized in Section 3 and brings out inter-alia the following:

(i) Under the category of Traffic Rule Violations, over speeding is a major killer, accounting for 64.4% of the persons killed followed by driving on the wrong side of the road which accounted for 5.8% of the accident related deaths. Use of mobile phones accounted for 2.4% of the deaths with drunken driving accounting for 2.8% of the persons killed.

(ii) Driving without valid license/learners license accounts for 13% of accidents.

(iii) About 29% of deaths can be attributed to non use of helmets and 16% of deaths can be attributed to non use of seat belts.

(iv) Vehicles more than 10 years accounted for 41% of accident related deaths.

(v) Overloaded vehicles accounted for about 12% deaths.

8. As in 2017, the State of Tamil Nadu recorded the highest number of road accidents in 2018. Similarly as in 2017, the number of persons killed in road accident was the highest in Uttar Pradesh in 2018 .

9. The 50 Indian Urban agglomerations (i.e million plus cities) accounted for 18.3 percent of road accidents and 11.7 percent of road accident deaths in the country. The average of accident severity in these million plus cities was 20.8 which is better than the all India figure of 32.4.

10. Section 8 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 consisting inter-alia of setting up Driver training schools, creating awareness, strengthening automobile safety standards, improving road infrastructure, carrying out road safety audit etc. High priority has been accorded to rectification of black spots.

11. A major initiative of the Ministry this year in the field of Road Safety has been the passing of the Motor Vehicle Amendment Bill 2019 by both the Houses of Parliament in August 2019. The aforementioned bill has now become an Act. The provisions of Motor Vehicle Amendment Act 2019 which focus on road safety include, inter-alia, stiff hike in penalties for traffic violations and electronic monitoring of the same, enhanced penalties for juvenile driving, cashless treatment during the golden hour, computerisation/automation of vehicle fitness and driving tests, recall of defective vehicles, extending the scope of third party liability and payment of increased compensation for hit and run cases etc. The detailed provisions of the Act have been summarized in Section 9 of the Report.

Section – 1

ROAD ACCIDENTS– AN OVERVIEW

1.0 The global context

1.0.1 India is a signatory to the second global high level Conference on Road Safety held in Brazil in 2015, referred to popularly as the Brasilia declaration, which, inter-alia, resolved to halve the deaths and injuries from accidents by 2020 and to include this target in the 2030 agenda for sustainable development by the participating countries .

1.0.2 Road traffic continues to be a major developmental issue, a public health concern and is a leading cause of death and injury across the World killing more than 1.35 million globally in 2016 as reported in the Global Status report on Road Safety 2018 with 90% of these casualties taking place in the developing countries.

1.0.3 As per the World Health Organisation, accident related deaths, are known to be the eighth leading cause of death and the first largest cause of death among children aged 5-14 and adults in the age 15-29. Globally, 54% of accident related deaths are pedestrians, cyclists and motor cyclists. This results in considerable economic losses not only to individuals, their families, but also to the nations as a whole. The losses are on account of cost of treatment as well as lost productivity for those killed or disabled by their injuries, loss of productivity of family members who need to take time off work or school to care for the injured etc.

1.0.4 Road transport remains the most favoured mode of transport for both freight and passenger movement in India. The fast growing population, exceptional rate of motorization coupled with the ever growing urbanization has made people vulnerable to frequent road accidents resulting in fatalities, injuries/disabilities.

1.0.5 Road accidents in India kill almost 1.5 lakh people annually. Accordingly, India accounts for almost 11% of the accident related deaths in the World.

1.1 Road accidents in India 2018 & 2017 –A brief outline

1.1.1 The position in respect of road accidents , numbers killed and injured in the last five years is given in the table1.1 below. Statewise data for accidents persons killed & injured for the years 2015-18 is given at Annexure 2 to 4.

Table 1.1 : Road accidents, Number of persons killed and Injured in the last five years 2014-2018

	Total Number of Road Accidents (in numbers)	%change	Total Number of Persons Killed (in numbers)	%change	Total Number of Persons Injured (in numbers)	%change
2014	4,89,400		1,39,671		4,93,474	
2015	5,01,423	2.46	1,46,133	4.63	5,00,279	1.38
2016	4,80,652	-4.14	1,50,785	3.18	4,94,624	-1.13
2017	4,64,910	-3.28	1,47,913	-1.90	4,70,975	-4.78
2018	4,67,044	0.46	1,51,417	2.37	4,69,418	-0.33

1.1.2 It will be noted that in 2018 a total of 4,67,044 road accidents were reported by States and Union Territories (UTs) killing 1,51,417 people and causing injury to 4,69,418 persons. Road accidents in 2018 compared to the previous year i.e 2017, increased by 0.46 percent, the number of persons killed increased by 2.37 percent and the number injured decreased by 0.33 percent.

1.1.3 The number of 4,67,044 accidents and 1,51,417 deaths in 2018 translates into an average of 1,280 accidents and 415 deaths every day and nearly 53 accidents and 17 deaths every hour.

1.1.4 A road accident may cause a loss of life/lives or grievous injury, minor injury or non-injury to road-users. An accident, which results 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. Minor injury accident is one in which victim(s) does not require hospitalization. The break up of Road accidents in the above categories in the last five years i.e 2014 to 2018 is presented in **Table 1.2.** below:

Table 1.2: Trends in the Type of road accidents (2014 to 2018)

Type of road accident	Parameter	2014	2015	2016	2017	2018
Fatal accident	Number	1,25,828	1,31,726	1,36,071	1,34,796	1,37,726
	% age increase /decrease		4.7	3.3	-0.9	2.2
	share in total	25.7	26.3	28.3	29.0	29.5
Grievous injury accidents	Number	1,15,454	1,19,668	1,20,848	1,20,971	1,25,311
	% age increase /decrease		3.6	1.0	0.1	3.6
	share in total	23.6	23.9	25.1	26.0	26.8
Minor injury accidents	Number	1,92,310	1,92,634	1,87,642	1,74,400	1,69,920
	% age increase /decrease	0.0	0.005	0.0	0.0	0.0
	share in total	39.3	38.4	39.0	37.5	36.4
Non-injury accidents	Number	55,808	57,395	36,091	34,743	34,087
	% age increase /decrease		2.8	-37.1	-3.7	-1.9
	share in total	11.4	11.4	7.51	7.47	7.30
Total	Number	4,89,400	5,01,423	4,80,652	4,64,910	4,67,044
	% age increase /decrease		2.5	-4.1	-3.3	0.5

What is evident from the above table is that of the total number of accidents in 2018, Minor injuries accounted for the largest share of about 36%, followed by fatal accidents of about 30% with Grievous injuries accounting for another 27%. The share of Non injury accidents accounted for 7% of the total. The share of Grievous injury accidents which accounted for 27% of the total accidents underline the need for provision of Good Samaritan laws and provision of free health care during the golden hour to save lives which has now been made a part of the MV Amendment Act 2019.

1.1.5 The position in terms of the number of accidents, number of persons killed and those injured by the category of Roads in 2018 is given in **Table 1.3** below:

Table 1.3 : Number of accidents, Number of persons killed and those injured by the category of Roads in 2018

Category of Roads	Length as on 31.3.17		Accidents		Persons killed		Persons injured	
	Kms	% age share in total	Number	% age share in total	Number	% age share in total	Number	% age share in total
National HighWays	1,14,158	1.94	1,40,843	30.16	54,046	35.69	1,40,622	29.96
State Highway	1,75,036	2.97	1,17,570	25.17	40,580	26.80	1,21,579	25.90
Other roads	56,08,477	95.10	2,08,631	44.67	56,791	37.51	2,07,217	44.14
Total	58,97,671	100	4,67,044	100	1,51,417	100	4,69,418	100

It will be seen from above that National Highways which comprises of 1.94 percent of total road network accounted for 30.2 per cent of total road accidents and 35.7 per cent of deaths in 2018. State Highways which account for 2.97% of the total road length accounted for 25.2 percent and 26.8 percent of accidents and deaths respectively. Other Roads which constitute about 95.1% of the total roads were responsible for the balance 45 % of accidents and 38% deaths respectively.

1.1.6 Highways (both national and State) which accounted for about 5% of total road network witnessed a disproportionately large share of accidents of 55 % and accident related killings of 63% during the year 2018 and naturally become the focus of our attention. More accidents on these have been attributed to higher vehicles speeds and increasingly higher volume of traffic on these roads.

1.1.7 The State of Tamilnadu recorded the highest number of road accidents (63,920) in 2018 while the highest numbers reported as killed in 2018 were in the State of Uttar Pradesh (22,256). Both these States have maintained their leads in terms of number of accidents and number of persons killed since 2017 despite the several road safety initiatives taken by both the Central and State Government.

1.1.8 The State-wise position of accidents and accident related deaths in 2018 is given in the maps 1.1 & 1.2.

1.1.9 The reporting 50 million plus cities accounted for 18.27 percent of total road accidents, 11.70 percent of total persons killed and 16.35 percent of total persons injured in road accidents. Chennai ranks first in road accidents (7,580) and number of persons injured (7,438). Delhi ranks first in number of fatalities (1,690).

1.1.10 Amongst the different vehicle categories, two-wheelers account for the highest share in total accidents (35.2%), in total number of persons killed (31.4%) and in persons injured (32.7%) followed by cars/Taxis/Vans and Trucks for all categories of accidents, accident related deaths and those injured respectively.

1.1.11 In terms of road-user categories, the share of two-wheeler riders in total road accident deaths has been the highest (36.5%) in 2018. Pedestrian road-users comprise 15.0 percent of persons killed in road accidents during 2018 confirming the share provided by WHO.

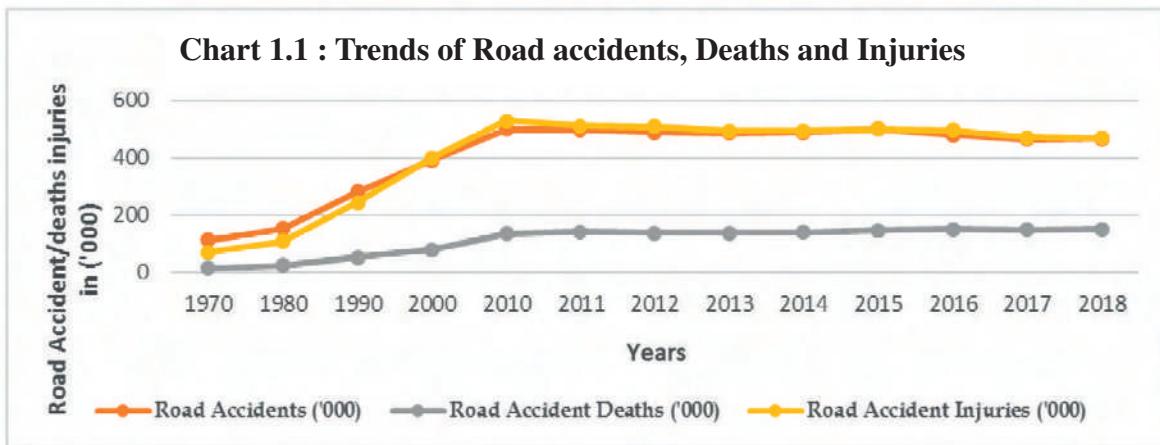
1.2 Analytics of Road accidents and deaths , registered vehicles and road length

1.2.1 The broad trend beginning from 1970 to 2018 in terms of road accidents, deaths, injuries, registered vehicles, road length and other derived parameters are reproduced in the Table 1.4(i) and Chart 1.1 below:

Table 1.4 (i) : Road Accidents, Registered Vehicles and Road Length in India (1970-2017)

Year	Road Accidents ('000)	Road Accident Deaths ('000)	Road Accident Injuries ('000)	Registered Vehicles ('000)	Road Length ('000 km)	Fatality rate (no. of accident deaths per 10,000 vehicles)	Vehicle density (no. of vehicles per km of road)
1970	114	15	70	1,401	1,189	103.5	1.18
1980	153	24	109	4,521	1,492	53.1	3.03
1990	283	54	244	19,152	1,984	28.3	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	27.88
2011	498	142	511	1,41,866	4,677	10.0	30.33
2012	490	138	509	1,59,491	4,865	8.7	32.78
2013	486	138	494	1,81,508	5,232	7.6	34.69
2014	489	140	493	1,90,704	5,402	7.3	35.30
2015	501	146	500	2,10,023	5,472	7.0	38.38
2016	481	151	495	2,30,031	5,603	6.6	41.05
2017	465	148	471	2,53,311	5,898	5.8	42.95
2018	467	151	469	N.A	N.A	N.A	N.A
CAGR 2010-18	-0.8	1.5	-1.4	10.3#	3.7#		

#:Pertains to period 2010-17



1.2.2 The above graph reveals a consistent increase in road accidents, accident related deaths and road injuries up to 2010 after which all three categories of accidents, deaths and injuries have stabilised with marginal fluctuations.

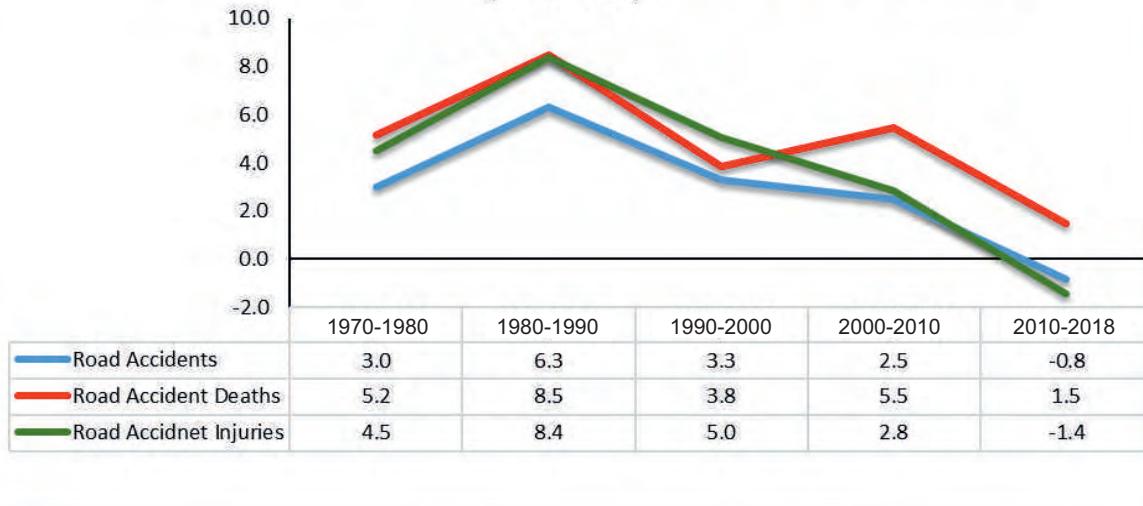
1.2.3 The decadal CAGR is summarized in **Table 1.4(ii)** and **Chart 1.2** below. CAGR is observed to be the highest for all the three categories of accidents, deaths and injuries during the period 1980-1990 after which there is a decline in all categories with the exception of accident related deaths. What is significant is that CAGR for the period 2010-2018 for all categories of accidents, deaths and injuries is the least compared to the previous four decades.

Table 1.4(ii) : Decadal CAGR of Road Accidents, Registered Vehicles and Road Length in India (1970-2018)

Years	Road Accidents ('000)	Road Accident Deaths ('000)	Road Accident Injuries ('000)	Registered Vehicles ('000)	Road Length ('000 km)
1	2	3	4	6	7
1970/1980	3.0	5.2	4.5	12.4	2.3
1980/1990	6.3	8.5	8.4	15.5	2.9
1990/2000	3.3	3.8	5.0	9.8	5.3
2000/2010	2.5	5.5	2.8	10.1	3.3
2010/2018	-0.8	1.5	-1.4	10.3 [#]	3.7 [#]

#:Pertains to period 2010-17

Chart 1.2: Decadal CAGR of Road Accidents, Deaths and Injuries (1970-2018)



1.2.4 This is despite the fact that the total number of registered motor vehicles in the country grew at a compound annual growth rate (CAGR) of 10.3 per cent between 2010 and 2017 causing the vehicle density per kilometre to increase from 28 in 2007 to 42.95 in 2017.

1.2.5 Further, an analysis has been done normalizing the accidents and accident related deaths over the years by the population and number of vehicles as given in the **Table 1.5** below:

Table 1.5: Normalizing accidents and accident related deaths over the years by the population and number of vehicles

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 thousand s)	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

Table 1.5: Cont...

Table 1.5: Normalizing accidents and accident related deaths over the years by the population and number of vehicles

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 thousand s)	Road Accident Rate(normalized for vehicles)†	Road Accident Death Rate (normalized for vehicles) ‡	Vehicle Density\$\$
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	40.0	11.7	2,10,023	23.9	7.0	38
2016	12,68,961	37.9	11.9	2,30,031	20.9	6.6	41
2017	12,83,601	36.2	11.5	2,53,311	18.4	5.8	43
2018	12,98,043	36.0	11.7	N.A	N.A	N.A	N.A
CAGR 1970/2018	1.85			11.69@			

*Road Accident Risk : Number of Accidents per Lakh Population

\$Road Accident death Risk: Number of Persons Killed Per Lakh Population

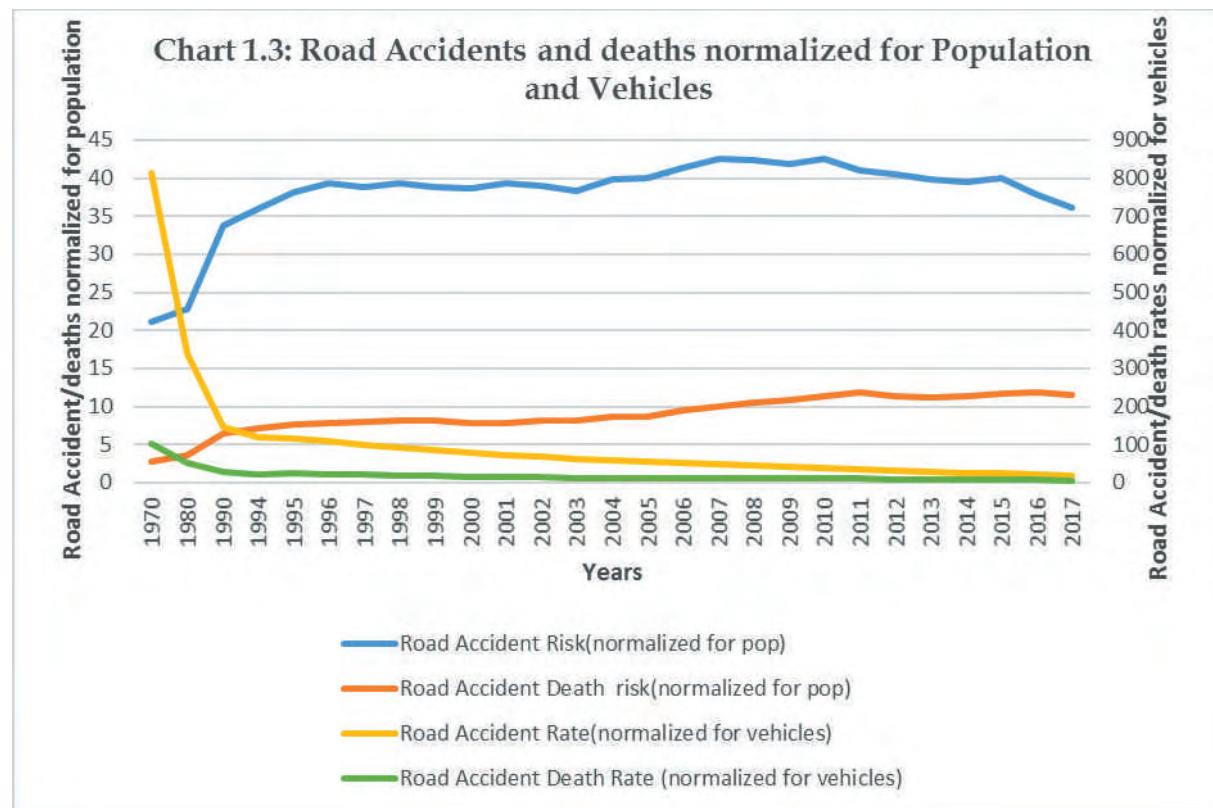
#Road Accident Rate: Number of Accidents per Ten Thousand Vehicles

##Road accident death rate: Number of Persons Killed Per Ten Thousand Vehicles

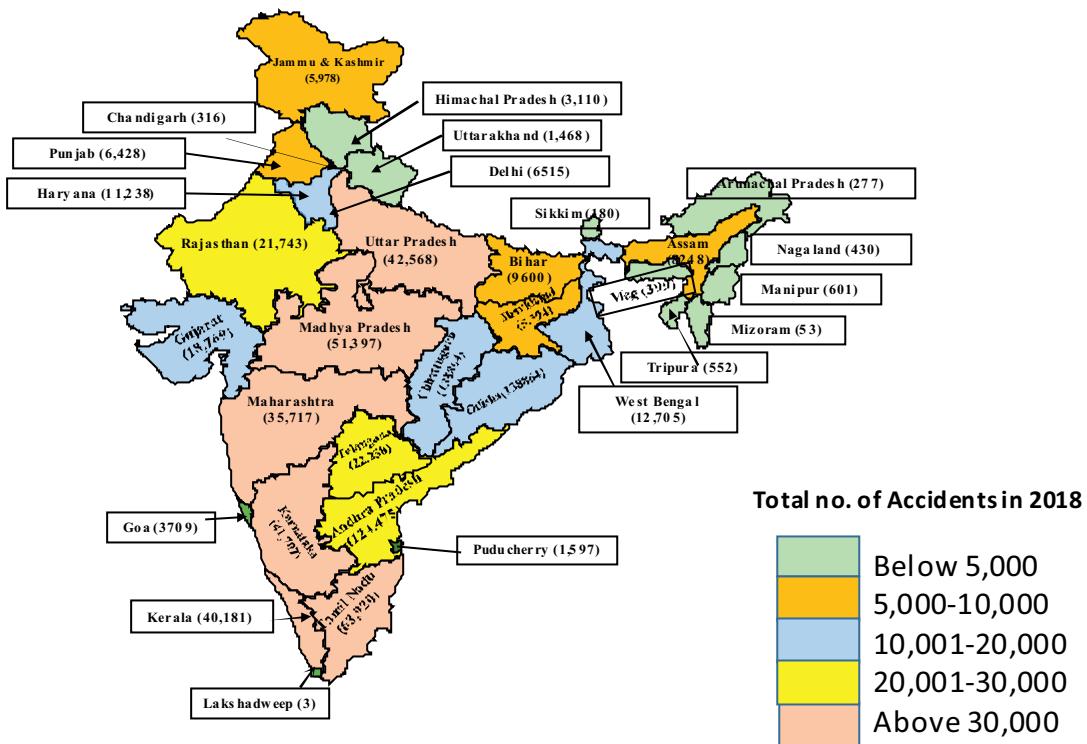
\$\$Vehicle Density: Number of vehicles per km of road

@ CAGR is for the period 1970-2017

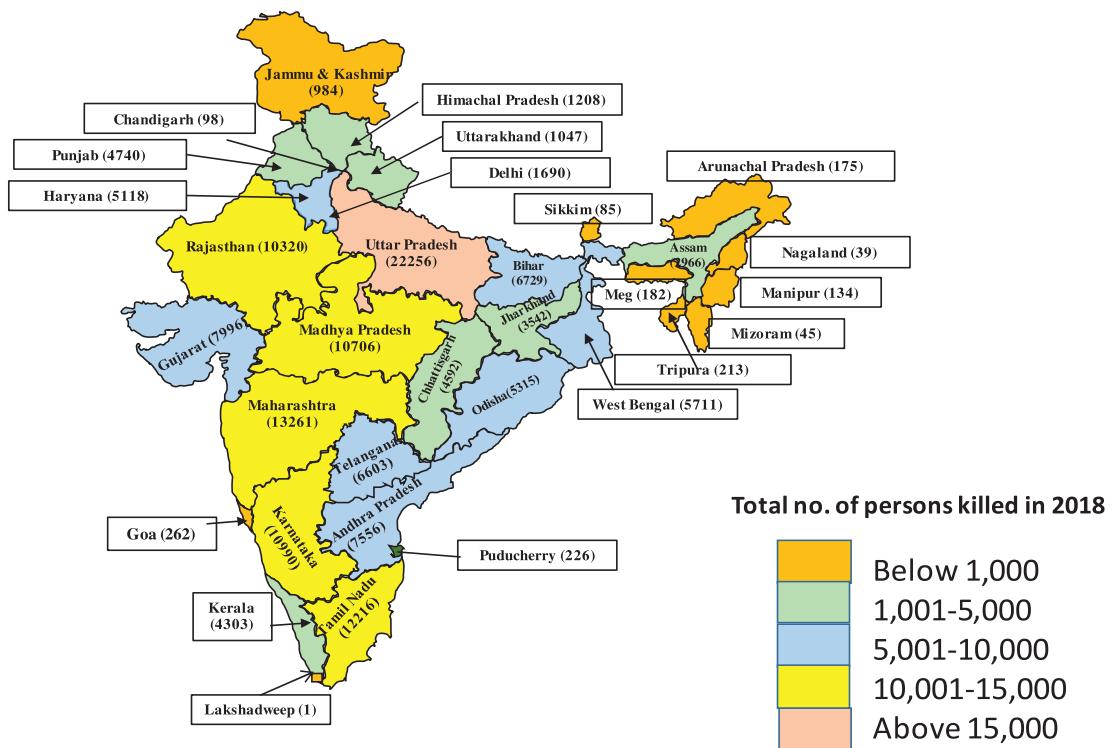
1.2.6 The graphical representation of the above parameters is shown in the Chart 1.3 below. It will be noted from the chart that because of the steep increase in vehicle population over the years which has grown at a CAGR of 11.69% during the period 1970 to 2017, the Road accident rate normalized for vehicles, though more than the Road accident death rate, shows a downward trend. On the other hand, Road Accident Risk and Road Death Risk (normalized for population) both shows an upward trend with Road Accident Risk higher than the Death Risk.



Map 1.1 Road Accidents in 2018 – State-wise



Map 1.2 Persons killed in road accidents in 2018 – State-wise



Section – 2

PROFILING ROAD ACCIDENTS BY ROAD CATEGORY, TYPE OF IMPACTING VEHICLE, TYPE OF COLLISION, AGE OF VICTIM, GENDER AND ROAD USER CATEGORY

2.0 This section profiles road accidents by road category, type of impacting vehicle, type of collision, age of victim, gender and road user category

2.1 Profiling Accidents & Deaths by road category

2.1.1 The position in terms of the number of accidents, number of persons killed and those injured by the category of Roads in 2018 is given below:

Table 2.1: Number of accidents, Number of persons killed and those injured by the category of Roads in 2018.

Category of Roads	Length as on 31.3.17		Accidents		Persons killed		Persons injured	
	Kms	% age share in total	Number	% age share in total	Number	% age share in total	Number	% age share in total
National HighWays	1,14,158	1.94	1,40,843	30.16	54,046	35.69	1,40,622	29.96
State Highway	1,75,036	2.97	1,17,570	25.17	40,580	26.80	1,21,579	25.90
Other roads	56,08,477	95.10	2,08,631	44.67	56,791	37.51	2,07,217	44.14
Total	58,97,671	100	4,67,044	100	1,51,417	100	4,69,418	100

2.1.2 It will be seen from above that National Highways which comprises of 1.94 percent of total road network accounted for 30.2 per cent of total road accidents and 35.7 per cent of deaths in 2018. State Highways which account for 2.97% of the road length accounted for 25.2 percent and 26.8 percent of accidents and deaths respectively. Other Roads which constitute about 95.1% of the total roads were responsible for the balance 45 % of accidents and 38% deaths respectively.

2.1.3 Highways (both National and State) which accounted for about 5% of total road network witnessed a disproportionately large share of accidents of 55 % and accident related killings of 63% during the year 2018 and naturally become the focus of our attention. More accidents on these have been attributed to higher vehicles speeds and increasingly higher volume of traffic on these roads.

2.1.4 The trends of road accidents, persons killed and persons injured during the period 2014 to 2018 by road category are presented in **Table 2.2** below:

Table 2.2: Trends of Road accidents, person killed and injured by road category during 2014 to 2018

Year	National Highways (including Expressways)			State Highways			Other Roads			Total 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
2014	1,37,903	47,649	1,47,696	1,23,408	40,678	1,31,959	2,28,089	51,344	2,13,819	4,89,400	1,39,671	4,93,474
2015	1,42,268	51,204	1,45,341	1,20,518	40,863	1,31,809	2,38,637	54,066	2,23,129	5,01,423	1,46,133	5,00,279
2016	1,42,359	52,075	1,46,286	1,21,655	42,067	1,27,470	2,16,638	56,643	2,20,868	4,80,652	1,50,785	4,94,624
2017	1,41,466	53,181	1,42,622	1,16,158	39,812	1,19,582	2,07,286	54,920	2,08,771	4,64,910	1,47,913	4,70,975
2018	1,40,843	54,046	1,40,622	1,17,570	40,580	1,21,579	2,08,631	56,791	2,07,217	4,67,044	1,51,417	4,69,418
CAGR 2014-2018	0.53	3.20	-1.22	-1.20	-0.06	-2.03	-2.20	2.55	-0.78	-1.16	2.04	-1.24

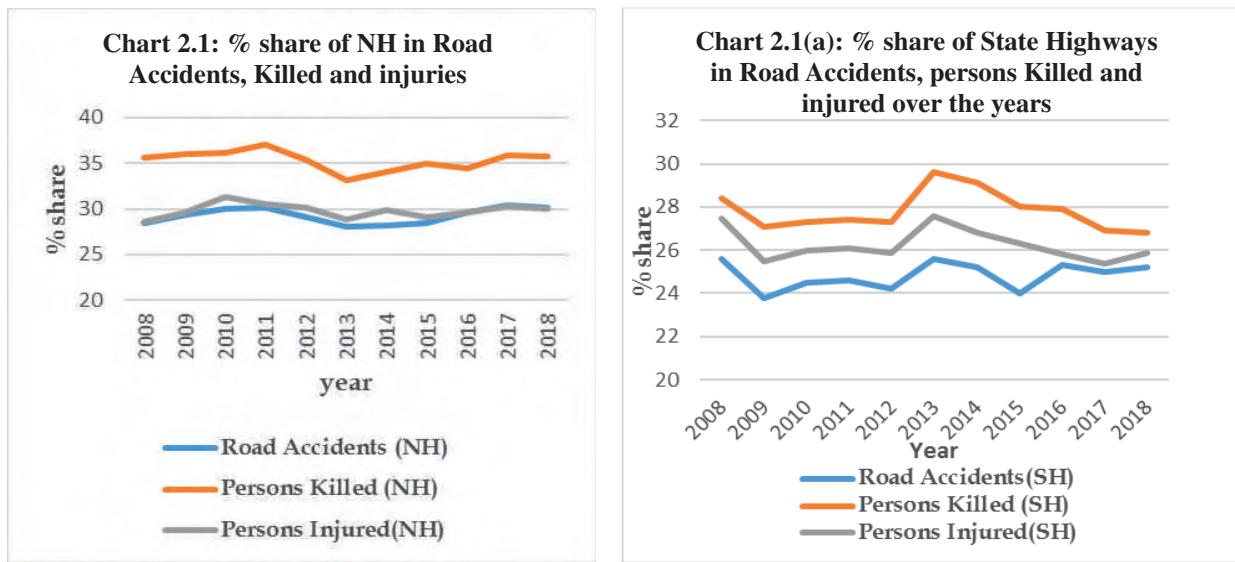
State-wise & road category-wise details are given at **Annexure 9 to 19**

2.1.5 The data in **Table 2.2** on National highways reveals that between 2014 and 2018, road accidents have increased @ CAGR of 0.53 percent, persons killed increased at a CAGR of 3.20 percent and persons injured decreased at a CAGR of 1.22%. State Highways on the other hand have registered a negative growth rate in all three categories during this period.

2.1.6 **Table 2.3** below provides the long-run trend over the period 2008 to 2018 of the relative share of road categories i.e National Highways, State Highways and Other Roads in Accidents, persons killed and injured at the All India level.

Table 2.3: Share of road categories in road accidents, number of person killed and injured during the last 10 years

Year	National Highways			State Highways			Other Roads		
	Road Accidents	Persons Killed	Persons Injured	Road Accidents	Persons Killed	Persons Injured	Road Accidents	Persons Killed	Persons Injured
2008	28.5	35.6	28.6	25.6	28.4	27.5	45.9	36.0	43.9
2009	29.3	36.0	29.6	23.8	27.1	25.5	46.9	36.9	44.9
2010	30.0	36.1	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	45.3	35.5	43.4
2012	29.1	35.3	30.1	24.2	27.3	25.9	46.7	37.4	44.0
2013	28.1	33.2	28.9	25.6	29.6	27.6	46.3	37.2	43.5
2014	28.2	34.1	29.9	25.2	29.1	26.8	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	44.6
2017	30.4	35.9	30.3	25.0	26.9	25.4	44.6	37.1	44.3
2018	30.1	35.7	30.0	25.2	26.8	25.9	44.7	37.5	44.1



It may be noted from the above charts that the share of different categories of roads in the number of accidents, persons killed and injured has remained largely stable over the years, fluctuating over very small margins

2.2 ROAD ACCIDENTS BY TYPE OF VEHICLES INVOLVED

2.2.1 There are over 253 million registered vehicles in India and the number has been growing at a CAGR of 10.11 per cent between 2007 and 2017. The level of vulnerability of road-users to accidents is high as the same road space is being shared among wide variety of motorized, and non motorized vehicles and pedestrians.

2.2.2 The number and percentage share of accidents, persons killed and injured during 2017 & 2018, based on vehicle type is given in **Table 2.4** and **chart 2.2** below while State-wise details of accidents by vehicle types is given in **Annexure 27**.

Table 2.4: Road accidents, fatalities and injuries by type of impacting vehicle - 2017 & 2018

Vehicle type	2017			2018			%increase		
	No. of Accidents	Persons killed	Persons injured	No. of Accidents	Persons killed	Persons injured	No. of accidents	Persons killed	Persons injured
Two Wheeler	1,57,723	44,092	1,48,907	1,64,313	47,560	1,53,585	4.2	7.9	3.1
% Share in total	33.9	29.8	31.6	35.2	31.4	32.7			
Auto Rickshaw	29,351	6,762	35,682	27,385	6,624	33,457	-6.7	-2.0	-6.2
% Share in total	6.3	4.6	7.6	5.9	4.4	7.1			
Car/JEEP/Van/Taxi	1,13,737	31,183	1,23,156	1,13,490	30,811	1,23,517	-0.2	-1.2	0.3
% Share in total	24.5	21.1	26.1	24.3	20.3	26.3			
Bus	32,145	10,651	44,330	30,746	10,507	42,940	-4.4	-1.4	-3.1
% Share in total	6.9	7.2	9.4	6.6	6.9	9.1			
Truck/Lorry	58,525	23,483	52,805	57,441	23,868	51,166	-1.9	1.6	-3.1
% Share in total	12.6	15.9	11.2	12.3	15.8	10.9			

Table 2.4: Cont...

Table 2.4: Road accidents, fatalities and injuries by type of impacting vehicle - 2017 & 2018

Vehicle type	2017			2018			%increase		
	No. of Accidents	Persons killed	Persons injured	No. of Accidents	Persons killed	Persons injured	No. of accidents	Persons killed	Persons injured
Heavy Articulated Vehicle/Trolley	8,432	3,780	6,972	9,303	4,167	7,786	10.3	10.2	11.7
% Share in total	1.8	2.6	1.5	2.0	2.8	1.7			
Tempo/Tractor	25,861	10,242	27,676	23,480	10,203	23,205	-9.2	-0.4	-16.2
% Share in total	5.6	6.9	5.9	5.0	6.7	4.9			
E-Rickshaw	NA	NA	NA	1,470	621	1,361			
% Share in total				0.3	0.4	0.3			
Bicycle	4,060	1,741	3,141	3,811	1,822	2,666	-6.1	4.7	-15.1
% Share in total	0.9	1.2	0.7	0.8	1.2	0.6			
Cycle Rickshaw	1,247	590	926	891	451	701	-28.5	-23.6	-24.3
% Share in total	0.3	0.4	0.2	0.2	0.3	0.1			
Hand Drawn Cart	433	187	362	355	201	209	-18.0	7.5	-42.3
% Share in total	0.1	0.1	0.1	0.1	0.1	0.0			
Animal Drawn Cart	636	280	563	1,155	522	692	81.6	86.4	22.9
% Share in total	0.1	0.2	0.1	0.2	0.3	0.1			
Others*	32,760	14,922	26,455	33,204	14,060	28,133	1.4	-5.8	6.3
% Share in total	7.0	10.1	5.6	7.1	9.3	6.0			
Total	4,64,910	1,47,913	4,70,975	4,67,044	1,51,417	4,69,418	0.5	2.4	-0.3

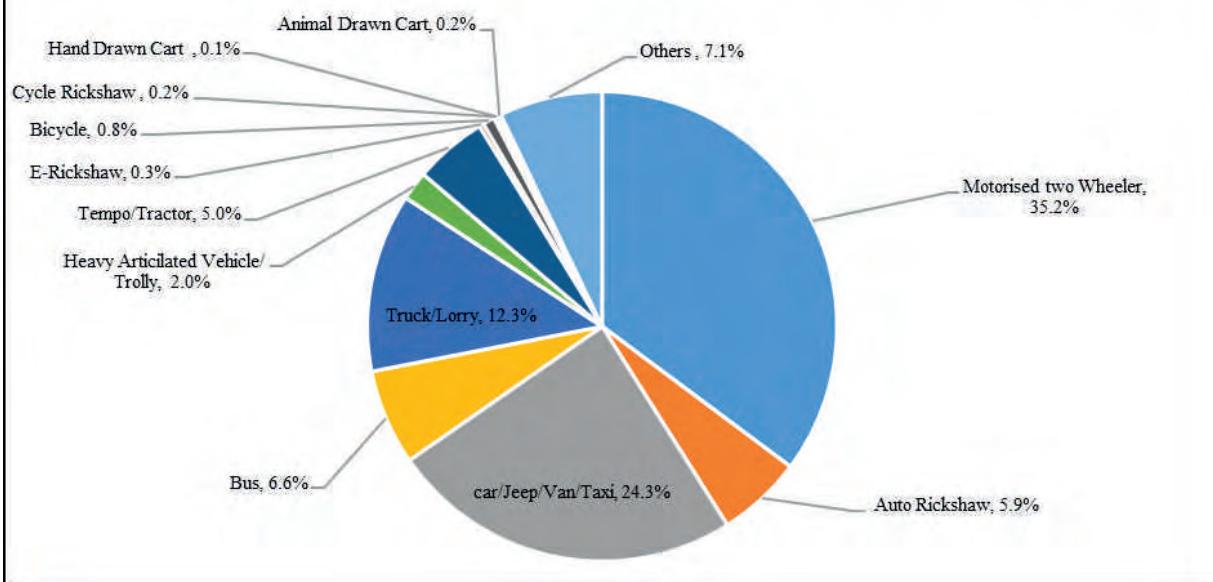
* Includes pedestrian, animal, tree and other fixed objects etc

NA : Not Available

2.2.3 It will be seen from above that during the calendar year 2018, amongst the motorized vehicles, two wheelers accounted for the highest share of 35.2 per cent of the total road accidents followed by car/jeep/van/taxi (24.3 %) & truck/lorry (12.3%). Unspecified vehicles under the category 'others' accounted for about 7 percent of road accidents. In case of person killed also, two wheelers accounted for the highest share of 31.4 percent followed by car/jeep/van/taxi (20.3%), truck/lorry (15.8%) and unspecified vehicles under the category 'others' (9.3%). The largest percentage increase in terms of accidents and persons killed in 2018 was observed in the category of Two wheelers and Heavy Articulated Vehicles. Even in terms of vehicular composition, two wheelers account for a significant share of about 70% and hence there is a need to focus on safety related interventions in this segment. Accordingly, helmet wearing has been made mandatory and increased penalties imposed for violation of this provision in the Amended Motor Vehicle Act passed by the Parliament in 2019.

2.2.4 Graphic presentation of the percentage share of different vehicle types in road accidents during 2018 is given at **Chart 2.2** below.

Chart 2.2 Share of different vehicle types in road accidents during 2018



2.3 ROAD ACCIDENTS BY TYPE OF COLLISION:

2.3.1 The details of accidents, person killed and injured, classified according to Type of collision for the year 2017 and 2018 are summarized in **Table 2.5**. The State wise details for the year 2018 are at **Annexure 20**.

Table 2.5: Road accidents by type of collision- 2018 vis-à-vis 2017

Type of collision	2017			2018			% change in 2018 over 2017 In Road accidents
	No of accidents	Persons killed	Persons injured	No of accidents	Persons killed	Persons injured	
Hit and Run	65,186	25,866	59,544	69,822	28,619	61,988	7.1
% share	14.0	17.5	12.6	14.9	18.9	13.2	
With parked Vehicle	7,104	2,317	7,432	13,565	4,780	12,895	90.9
% share	1.5	1.6	1.6	2.9	3.2	2.7	
Hit from Back	77,540	22,446	83,287	88,765	25,801	89,386	14.5
% share	16.7	15.2	17.7	19.0	17.0	19.0	
Hit from side	42,675	12,071	44,247	58,774	15,477	59,754	37.7
% share	9.2	8.2	9.4	12.6	10.2	12.7	
Run of Road	13,209	5,191	14,976	19,319	7,731	21,328	46.3
% share	2.8	3.5	3.2	4.1	5.1	4.5	
Fixed object	12,085	4,283	12,156	13,924	4,623	14,259	15.2
% share	2.6	2.9	2.6	3.0	3.1	3.0	
Vehicle overturn	30,037	9,413	32,420	25,619	9,548	28,410	-14.7
% share	6.5	6.4	6.9	5.5	6.3	6.1	
Head on collision	87,068	24,170	98,452	97,816	29,646	1,05,757	12.3
% share	18.7	16.3	20.9	20.9	19.6	22.5	
Others*	1,30,006	42,156	1,18,461	79,440	25,192	75,641	-38.9
% share	28.0	28.5	25.2	17.0	16.6	16.1	
Total	4,64,910	1,47,913	4,70,975	4,67,044	1,51,417	4,69,418	0.46

* Includes unspecified collisions types.

2.3.2 The details presented in **Table 2.5** above reveals that Head on collision, followed by “Hit and run” cases followed by “Hit from the back” accounted for almost 56% of persons killed in 2018. The category which registered the maximum increase in terms of persons killed in 2018 was collision with parked vehicles. Other collision types which registered a significant increase over the year 2017 are 'Run of Road' (46.3%) and 'Hit from side'(37.7%). Collision Type 'Head on Collision' which accounted for the maximum number of road accidents in both the years i.e 2017 and 2018 registered an increase of 12.3 percent.

2.3.3 In addition to the type of collisions given in **Table 2.5** above, data in respect of four other types of collisions namely 'vehicle to vehicle', 'vehicle to pedestrian', 'Vehicle to non Motorized Vehicle' and 'Vehicle to Animal' was collected for the first time in the year 2018. The State wise details of the same are at **Annexure 21** while the summary is presented in **Table 2.6** below:

Table 2.6: Road accidents, fatalities and injuries by type of collision – 2018

Collision type	No of accidents	Persons killed	Persons injured
Vehicle to vehicle	2,53,253 (54.32)	78,766 (52.02)	2,56,919 (54.73)
Vehicle to pedestrian	78,974 (16.91)	24,861 (14.96)	64,997 (13.85)
Vehicle to non-Motorized Vehicle	22,248 (4.76)	8,753 (5.78)	20,035 (4.27)
Vehicle to Animal	5,902 (1.26)	2,267 (1.50)	4,917 (1.05)
Others	1,06,667 (22.84)	38,975 (25.74)	1,22,550 (26.11)
Total	4,67,044	1,51,417	4,69,418

Note : figures in parenthesis is the percentage share in total

2.3.4 The data in **Table 2.6** reveals that 52.02% of accident related deaths were caused by vehicle to vehicle collision with 14.96% of deaths being on account vehicle to pedestrian collision and 5.78% of the deaths being on account of Vehicle to non motorized vehicle collision. In the remaining collision type 'Vehicle to Animal' 1.50% of accident related deaths were reported.

2.4 ROAD ACCIDENTS BY AGE PROFILE OF FATAL VICTIMS

2.4.1 The age profile of accident related deaths during the years 2016 to 2018 are presented in **Table 2.7** below:

Table 2.7 : Age profile of road accident related deaths during 2016 to 2018

Age-group	Number of Persons killed			%-age change in 2016 over 2017	%-age change in 2018 over 2017
	2016	2017	2018		
Less than 18	10,622	9,408	9,977	-11.43	6.05
% Share in total	7.0	6.4	6.6		
18-25	31,775	34,244	32,777	7.77	-4.28
% Share in total	21.1	23.2	21.6		
25-35	38,076	39,549	39,960	3.87	1.04
% Share in total	25.3	26.7	26.4		

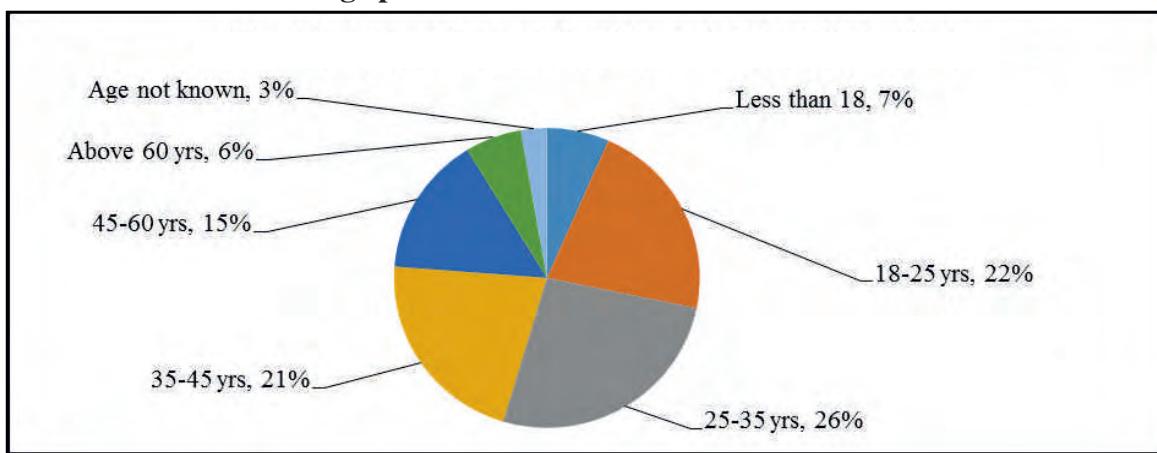
Table 2.7 Cont...

Table 2.7 : Age profile of road accident related deaths during 2016 to 2018

Age-group	Number of Persons killed			% -age change in 2016 over 2017	% -age change in 2018 over 2017
	2016	2017	2018		
35-45	33,558	32,788	32,672	-2.29	-0.35
% Share in total	22.3	22.2	21.6		
45-60	22,174	22,462	22,798	1.30	1.50
% Share in total	14.7	15.2	15.1		
Above 60	8,814	9,384	9,075	6.47	-3.29
% Share in total	5.8	6.3	6.0		
Age not known	5,766	78	4,158	-98.65	5,230.77
% Share in total	3.8	0.1	2.7		
Total	1,50,785	1,47,913	1,51,417	-1.90	2.37

The data in **Table 2.7** reveals that road accident victims largely constitute young people in the age groups of 18 - 25, 25 - 35 and 35 - 45 and this age profile has remained the same in all the three years i.e. 2016, 2017 and 2018 underscoring major implications on economic cost of road accidents, apart from their emotional and psychological impact. During 2018, like the previous two years young adults in the age group of 18 - 45 years accounted for nearly 69.6 percent of road accident victims. The working age group of 18 - 60 accounted for a share of 84.7 percent in the total road accident deaths. Graphical presentation of age profile wise share in road accidents victims is presented in **Chart 2.3**

Chart 2.3: Age profile of road accident related deaths in 2018



2.5 ROADACCIDENTS BY ROAD-USER CATEGORY

2.5.1 This section examines the composition of victims of road accidents in India during 2018 in terms of road-user categories. A road-user is one who uses a road for movement or transportation as a pedestrian or cyclist or motorist (driver and passenger). Data on road-user category-wise accident victims helps in highlighting vulnerable categories which in turn would require special attention. The degree of vulnerability to the impact of road crash differs among different road user categories. Pedestrians and cyclists are considered to be the most vulnerable road user category. The State-wise details of road accident deaths in terms of road user categories are given in **Annexure 30** and the summary is presented in **Table 2.8** and **Chart 2.4** below:

Table 2.8: Persons killed in road accidents in terms of road user categories- 2017 & 2018

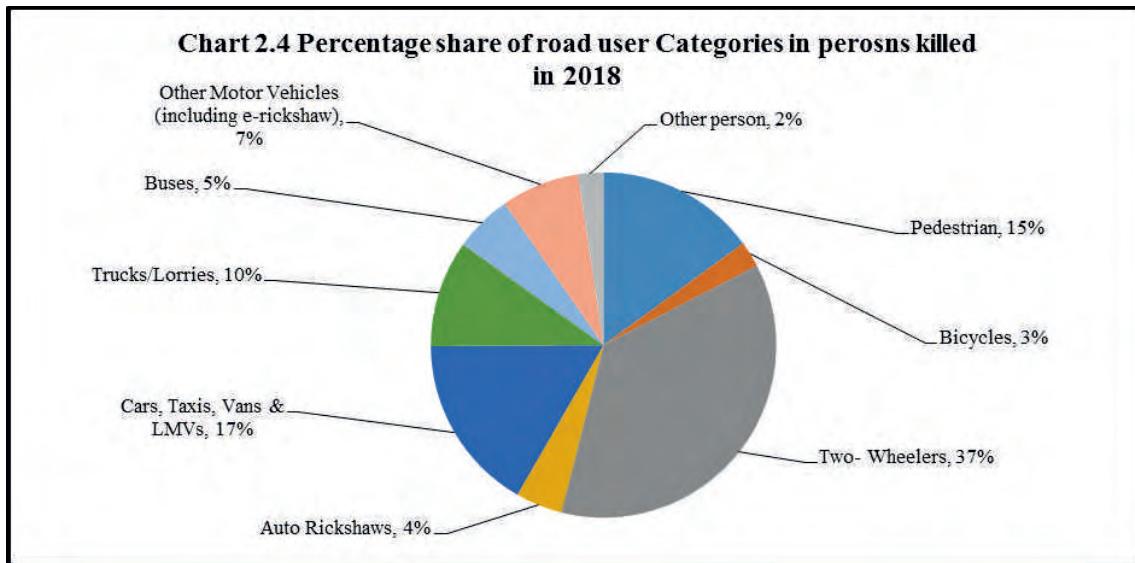
Road-user category	Persons killed 2017	Persons killed 2018	%-age change
Pedestrian	20,457	22,656	10.75
share in Total	13.8	15.0	
Bicycles	3,559	3,673	3.20
share in Total	2.4	2.4	
Two-wheelers*	48,746	55,336	13.52
share in Total	33.0	36.5	
Auto-Rickshaws	7,167	6,629	-7.51
share in Total	4.8	4.4	
Cars, Taxis, Vans & LMVs	26,869	25,115	-6.53
share in Total	18.2	16.6	
Trucks/Lorries	17,158	15,150	-11.70
share in Total	11.6	10.0	
Buses	9,069	8,164	-9.98
share in Total	6.1	5.4	
Other Motor Vehicles (including e-rickshaw)	11,410	11,109	-2.64
share in Total	7.7	7.3	
Others (Animals drawn vehicle, cycle rickshaws, hand carts, & other persons)	3,478	3,585	3.07
share in Total	2.4	2.4	
Total	1,47,913	1,51,417	2.37

*Two-wheelers include motor cycles, scooters, mopeds .

2.5.2 The data in **Table 2.8** reveals that amongst the road user categories, two-wheelers with a share of 36.5% constitute the largest number of road accident deaths (55,336) in 2018, just as in the previous year. Cars, taxis, Vans & LMVs are next higher contributor with a share of 16.6 percent though their absolute numbers and percentage share in the total road user category has declined as compared to 2017.

2.5.3 The number of pedestrians killed in road accidents has increased from 20,457 in 2017 to 22,656 in 2018 which is an increase of about 10.75 per cent. Further, Pedestrians accounted for 15% and Cyclists contributed to another 2.4% of the Road Users killed in 2018.

2.5.4 Truck and lorries account for a share of 10.0 percent in total person killed in 2018 with its share and as well as the absolute numbers of deaths having declined in 2018 as compared to 2017. Similarly, the absolute number and share of Auto-Rickshaws, Buses, Other motor vehicles (including e-rickshaw) have also declined in 2018 as compared to 2017.



2.6 Gender and age profile of fatal road accident victims

2.6.1 The gender-wise comparison in road accident deaths for the last three years i.e 2016 to 2018 (**Table 2.9**) reveals that the total number of males and females killed during the calendar year 2018 were 1,30,144 (86.0%) and 21,273 (14.0%), respectively.

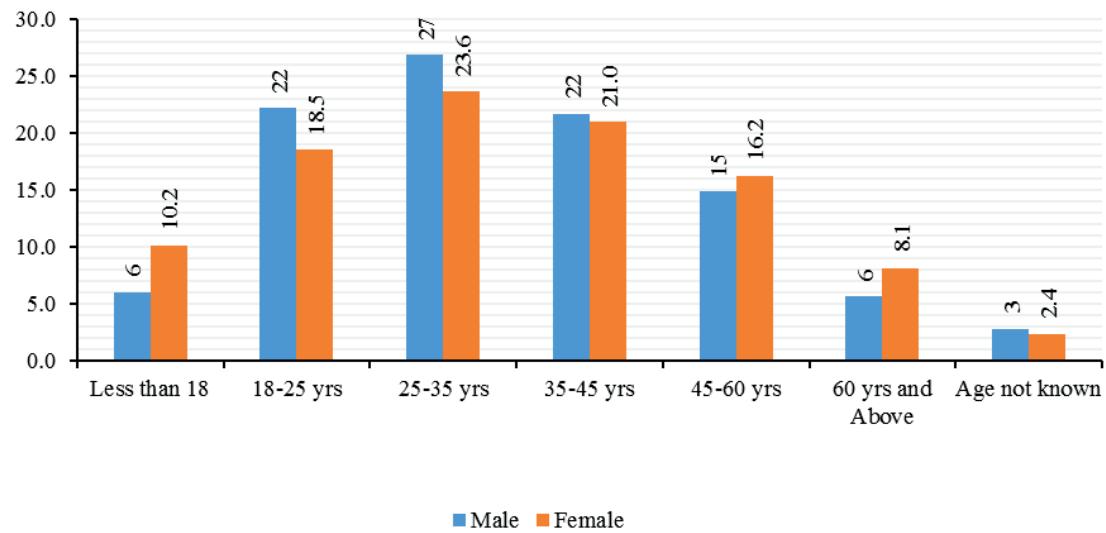
Table 2.9: Gender-wise age profile of accident related deaths victims in 2016 to 2018

Age-group	2016		2017		2018		% -age change in 2016 over 2017		% -age change in 2018 over 2017	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Less than 18	8,347	2,275	7,443	1,965	7,817	2,160	-10.8	-13.6	5.0	9.9
% share in total	6.5	9.8	5.8	9.8	6.0	10.2				
18-25	27,417	4,358	30,148	4,096	28,835	3,942	10.0	-6.0	-4.4	-3.8
% share in total	21.5	18.7	23.6	20.4	22.2	18.5				
25-35	32,609	5,467	34,728	4,821	34,943	5,017	6.5	-11.8	0.6	4.1
% share in total	25.6	23.4	27.2	24.0	26.8	23.6				
35-45	28,564	4,994	28,538	4,250	28,210	4,462	-0.1	-14.9	-1.1	5.0
% share in total	22.4	21.4	22.3	21.2	21.7	21.0				
45-60	18,592	3,582	19,235	3,227	19,343	3,455	3.5	-9.9	0.6	7.1
% share in total	14.6	15.4	15.0	16.1	14.9	16.2				
60 and Above	6,964	1,850	7,696	1,688	7,343	1,732	10.5	-8.8	-4.6	2.6
% share in total	5.5	7.9	6.0	8.4	5.6	8.1				
Age not known	4,960	806	67	11	3,653	505	-98.6	-98.6	5,352.2	4,490.9
% share in total	3.9	3.5	0.1	0.1	2.8	2.4				
Total	1,27,453	23,332	1,27,855	20,058	1,30,144	21,273	0.3	-14.0	1.8	6.1
Share of male and female	84.5	15.5	86.4	13.6	86.0	14.0				

2.6.2 The data in **Table 2.9** also reveals that during the calendar years 2016 to 2018 the share of males in number of total accident deaths hovered around 85 to 86% while the share of females hovered around 14-15 percent.

2.6.3 Age profile and gender-wise share in road accidents related deaths during 2018 is depicted in **Chart 2.5** below while the State-wise details for the year 2018 are at **Annexure 31**.

Chart 2.5: Age profile and Gender wise share in road accident deaths during 2018



Section – 3

CAUSES OF ROAD ACCIDENTS

3.0 Road accidents are multi-causal and are the result of an interplay of various factors. These can broadly be categorized into those relating to **(i) human error, (ii) road environment and (iii) vehicular condition.**

The data presented in this chapter is based on the response to questionnaires/formats received from Police Departments of State Govts/UTs .

3.1 Human Error

Accidents caused by human error include (i) cases of accidents caused by traffic rule violations, (ii) driving without valid driver license and (iii) non-use of safety devices .

3.1.1 Traffic rules violations

Road accidents during 2017 and 2018 attributable to various types of traffic rules violations is given in **Table 3.1** below while State wise details for the year 2018 is presented in **Annexure 36**

Table 3.1: Road accidents by type of traffic rules violation during 2017 and 2018

S.nos	Traffic rules violation	Number of accidents	Persons Killed	Persons injured	Number of accidents	Persons Killed	Persons injured	% change in accidents in 2018 over 2017	% change in persons killed in 2018 over 2017	% change in persons injured in 2018 over 2017
		2017		2018						
i	Over-speeding	3,27,448	98,613	3,43,083	3,10,612	97,588	3,16,421	-5.1	-1.0	-7.8
	% share of total	70.4	66.7	72.8	66.5	64.4	67.4			
ii	Drunken driving/consumption of alcohol & drug	14,071	4,776	11,776	12,018	4,188	9,944	-14.6	-12.3	-15.6
	% share of total	3.0	3.2	2.5	2.6	2.8	2.1			
iii	Driving on wrong side/ Lane indiscipline	29,148	9,527	30,124	24,781	8,764	24,100	-15.0	-8.0	-20.0
	% share of total	6.3	6.4	6.4	5.3	5.8	5.1			
iv	Jumping red light	6,324	1,826	5,977	4,441	1,545	4,126	-29.8	-15.4	-31.0
	% share of total	1.4	1.2	1.3	1	1	0.9			
v	Use of mobile phone	8,526	3,172	7,830	9,039	3,707	7,878	6.3	16.9	0.6
	% share of total	1.8	2.1	1.7	1.9	2.4	1.7			
vi	others	79,393	29,999	72,185	1,06,153	35,625	1,06,949	33.7	18.8	48.2
	% share of total	17.1	20.3	15.3	22.7	23.5	22.8			
vii	Total	4,64,910	1,47,913	4,70,975	4,67,044	1,51,417	4,69,418	0.5	2.4	-0.3

The data in **Table 3.1** reveals that like in 2017, over speeding is the main violation associated with accidents, accident related deaths and injuries in 2018 with over speeding accounting for 66.5 percent of the road accidents , 64.4 percent of total deaths and 67.4 percent of total injuries. Driving on the wrong side / lane indiscipline is the second most important cause accounting for 5.3 percent of the road accidents , 5.8 percent of total deaths and 5.1 percent of total injuries.

Drunken driving/ consumption of alcohol & drug, jumping of red light and use of mobile phones taken together accounted for 6.5 percent of total accidents and 6.2 per cent of total deaths. The others category which would include reasons like road environment, vehicular condition etc accounted for almost 23-24% of the accidents, accident related deaths and injuries.

What is most significant is that in 2018, accidents, deaths and persons killed on account of over speeding, drunken driving, lane indiscipline, jumping red light all decreased pointing to improvement in enforcement at the all India level. However accidents, accident related deaths and injuries on account of use of mobile phones and other causes registered an increase in 2018 compared to 2017 and needs to be focused upon for overall improvement in Road safety.

3.1.2 Driving without valid driver license

Vehicles driven by untrained and unqualified drivers are a serious traffic hazard and can cause accidents, death and injuries. Though the problem is basically an enforcement issue, it must also be addressed with better facilities and opportunities for training/skilling and evaluation/testing.

The details of road accidents involving drivers without valid license and learner's license is presented in **Table 3.2** while the State wise details can be seen at **Annexure 37**

Table 3.2: Road accidents by type of license – 2016 to 2018

Type of Licence	2016	2017	2018	% change 2018 over 2017	% change 2017 over 2016
Valid driving licence	4,05,079	3,71,387	3,45,799	-6.9	-8.3
% share of total	84.3	79.9	74		
Learner's licence	41,405	33,128	23,593	-28.8	-20.0
% share of total	8.6	7.1	5.1		
Without valid licence	32,088	48,503	37,585	-22.5	51.2
% share of total	6.7	10.4	8.0		
Not known	2,080	11,892	60,067	405.1	471.7
% share of total	0.4	2.6	12.9		
Total	4,80,652	4,64,910	4,67,044	0.5	-3.3

The data in **Table 3.2** reveals that about 74 % of road accidents involved drivers holding a valid driver license . Road accidents involving drivers without valid driving license decreased from 48,503 in 2017 to 37, 585 in 2018 registering a decline of 22.5% and accounted for 8.0% of the total accidents. Accidents involving learners license also declined from 33,128 in 2017 to 23,593 in 2018 by about 28.8% and accounted for about 5.1% of the total accidents. Together **accidents without valid driving license and with learners license account for 13.1% of accidents.**

3.1.3 Non use of safety devices – Helmets and Seatbelts

Non usage of safety devices such as helmets and seatbelts do not cause accidents but are critical for averting fatal and grievous injuries in an event road accident occurs. As per data received from States /UTs, the accident related deaths on account of Non use of Helmets and Seat Belts at the All India level are summarized in the **Table 3.3** below. State-wise details of road accident victims classified by non-wearing of helmets are at **Annexure 38.**

Table 3.3: No of persons killed due to non-use of safety devices (helmets and seat belts) during 2017 & 2018

Year	Helmets				Seatbelts			
	Drivers	Passen gers	Total	%age share in total	Drivers	Passen gers	Total	%age share in total
2017	21,095	14,880	35,975	24.30	10,020	16,876	26,896	18.18
2018	28,250	15,364	43,614	28.8	9,349	15,086	24,435	16.14
% age change over previous year			9.1					-9.15

Non-wearing of helmets by two wheeler riders caused 43,614 deaths and accounted for 28.8 percent of total road accident deaths in the country during 2018. The number of drivers killed were 28,250 and the passengers killed were 15,364.

Seatbelts are another safety device which is mandatory for both the driver and the persons in vehicles other than two-wheelers and three-wheelers. In 2018, Non-wearing of seat belts was found to be associated with 24,435 deaths and accounted for 16.1 per cent of total road accident deaths in the country during 2018 involving 9,349 drivers and 15,086 passengers. State-wise details of road accident victims classified by non-wearing of seatbelts are at **Annexure 40.**

3.2 Road Environment:

The causes related to the category of road environment include (i) accidents happening in a particular geographical area (residential, commercial institutional 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.

3.2.1 Road Accidents classified by Type of neighbourhood

Accident by type of neighborhood (Residential area, institutional area and market/commercial area, open area etc) at the All India level are summarized in the **Table 3.4**. The State-wise figures of accidents by type of neighborhood are given at **Annexure 22.**

Table 3.4: Accident classified by type of neighbourhood (Residential area, institutional area and market/commercial area, open Area etc) at the All India level for 2017-18

Type of neighborhood	Total accidents			Persons killed			Persons injured		
	2017	2018	%age change	2017	2018	%age change	2017	2018	%age change
Residential Area	89,212	78,678	-11.8	25,815	24,913	-3.5	88,517	76,873	-13.2
Share in Total	19.2	16.8		17.5	16.5		18.8	16.4	
Institutional Area	29,670	29,341	-1.1	9,403	9,144	-2.8	29,105	28,474	-2.2
Share in Total	6.4	6.3		6.4	6		6.2	6.1	
Market/Commercial area	58,166	64,184	10.3	17,059	18,460	8.2	55,376	60,621	9.5
Share in Total	12.5	13.7		11.5	12.2		11.8	12.9	
Open Area	234,769	220,967	-5.9	78,323	79,696	1.8	2,45,923	2,28,690	-7
Share in Total	50.5	47.3		53	52.6		52.2	48.7	
Others*	53,093	73,874	39.1	17,313	19,204	10.9	52,054	74,760	43.6
Share in Total	11.4	15.8		11.7	12.7		11.1	15.9	
Total	4,64,910	4,67,044	0.5	1,47,913	1,51,417	2.4	4,70,975	4,69,418	-0.3

* Area not falling within above specified areas.

Residential area, institutional area and market/commercial area tend to have higher amounts of traffic congestion and are more prone to road accidents. However, the data received showed larger share of accidents and persons killed in open areas in both 2017 and 2018, perhaps as open areas have lower enforcement presence and may be prone to driving and traffic rule violations.

The largest increase in terms of accidents, killed and injured were recorded in the Commercial area or and Others categories in 2018 over 2017. Residential, & Institutional areas recorded a decline in accidents, killed and injured in 2018. So did the open areas where both accidents and injuries registered a decline. The lower share of accidents, persons killed and injured in residential, institutional and commercial areas could be on account of better enforcement of traffic rules.

3.2.2 Road Accidents classified by road features

Accident by type of Road features at the All India level for 2017-18 are summarized in the **Table 3.5** below. The State-wise details are at **Annexure 23**

Table 3.5: Accidents, Persons killed and injuries by road feature – 2017 & 2018

Road feature	Number of accidents			Persons killed			Persons injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
Straight road	2,98,351	3,06,855	2.9	91,023	96,831	6.4	3,02,952	3,08,476	1.8
Share in Total	64.2	65.7		61.5	63.9		64.3	65.7	
Curved road	54,077	64,100	18.5	17,814	19,996	12.2	57,346	68,878	20.1
Share in Total	11.6	13.7		12	13.2		12.2	14.7	
Bridge	15,514	16,125	3.9	5,543	5,693	2.7	15,838	16,782	6
Share in Total	3.3	3.5		3.7	3.8		3.4	3.6	
Culvert	11,600	9,183	-20.8	4,144	3,192	-23	11,974	9,365	-21.8
Share in Total	2.5	2		2.8	2.1		2.5	2	
Potholes	9,423	4,869	-48.3	3,597	2,015	-44	8,791	4,108	-53.3
Share in Total	2	1		2.4	1.3		1.9	0.9	

Table 3.5: Cont...

Table 3.5: Accidents, Persons killed and injuries by road feature – 2017 & 2018

Road feature	Number of accidents			Persons killed			Persons injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
Steep grade	9,124	6,305	-30.9	3,248	2,433	-25.1	9,753	5,903	-39.5
Share in Total	2	1.3		2.2	1.6		2.1	1.3	
Ongoing road works/ Under construction	11,822	11,539	-2.4	4,250	4,288	0.9	11,425	10,154	-11.1
Share in Total	2.5	2.5		2.9	2.8		2.4	2.2	
Others*	54,999	48,068	-12.6	18,294	16,969	-6.3	52,896	45,752	-13.5
Share in Total	11.8	10.3		12.2	11.2		11.2	9.7	
Total	4,64,910	4,67,044	0.5	1,47,913	1,51,417	2.4	4,70,975	4,69,418	-0.3

*Any other feature not covered by the specified road features given above

Vehicle speed tends to be high on straight roads in open areas which corroborates the high percentage of road accidents, persons killed and injured (varying in the range of 62-66%) on these roads in both 2017 & 2018. Road features such as sharp curves, potholes and steep grade tend to be more accidents prone because successfully negotiating such road features require skill, extra care and alertness. **The largest increase in the number of accidents, those killed and those injured also took place in the Curved Road, Bridges and Straight road category. The share of potholes, steep grade and culverts in accidents, deaths and injuries has reportedly reduced in 2018.**

3.2.3 Accidents by road junction type & traffic control

Accident by type of road junction at the All India level for 2017 & 18 are summarized in the **Table 3.6** below: The State-wise details of accidents by road junction type are at **Annexure 24**.

Table 3.6: Accident by type of road junction at the All India level for 2017& 18

Junction type	Number of accidents			Persons killed			Persons injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
T-Junction	56,363	57,652	2.3	16,939	15,608	-7.9	57,072	55,589	-2.6
Share in Total	12.1	12.3		11.5	10.3		12.1	11.8	
Y-Junction	31,249	26,220	-16.1	9,806	7,866	-19.8	31,108	24,003	-22.8
Share in Total	6.7	5.6		6.6	5.2		6.6	5.1	
Four arm Junction	34,630	28,125	-18.8	9,832	7,652	-22.2	32,341	26,178	-19.1
Share in Total	7.4	6		6.6	5.1		6.9	5.6	
Staggered Junction	26,695	22,557	-15.5	8,790	7,921	-9.9	26,526	21,411	-19.3
Share in Total	5.7	4.8		5.9	5.2		5.6	4.6	
Round about Junction	26,916	20,515	-23.8	8,607	6,765	-21.4	27,032	19,193	-29
Share in Total	5.8	4.4		5.8	4.5		5.7	4.1	
Others*	2,89,057	3,11,975	7.9	93,939	1,05,605	12.4	2,96,896	3,23,044	8.8
Share in Total	62.2	66.8		63.5	69.7		63	68.8	
Total	4,64,910	4,67,044	0.5	1,47,913	1,51,417	2.4	4,70,975	4,69,418	-0.3

*Any other type not covered by the specified road junctions given above such as junction with greater than 4 arms, Manned and unmanned rail crossings, expressways.

Road junctions are traffic merging points and hence are prone to accidents. However the data furnished by States/UTs show that **only about 33% of the accidents in 2018 took place at various types of junctions defined in the table above, with almost 67% of the accidents taking place in the “others” category.**

Within the junctions category, **T junction accounts for the largest share of accidents, persons killed and injured.**

The position for accidents in 2017 is also quite similar with only 38% accidents reportedly taking place at junctions and 62.2% in the Others category. Same is true also for Persons killed and the injured category in 2017 and 2018 with the predominant share of killed and injured being accounted for by the others category and only about 31% . being accounted by the junctions category

Further, all types of junction show a reduction in accidents, deaths and injuries in 2018, **except the T junction which shows an increase in accidents.** The Others category also accounts for the highest increase in accidents, deaths and injuries.

All junctions types have different type of traffic control measures such as traffic light signals, police controlled, Stop sign and flashing signals/blinkers, uncontrolled. The All India position with respect to Accidents, persons killed and injured by type of traffic control is given in **Table 3.7** below: The State-wise figures of accidents at junctions by type of traffic control is given at **Annexure 25**

Table 3.7: Accidents, persons killed and injured by type of traffic control 2017& 2018

Traffic control	Number of accidents			Persons Killed			Persons injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
Traffic light signal(a)	16,563	13,726	-17.1	4,058	3,325	-18.1	15,547	12,468	-19.8
Share in Total	3.6	2.9		2.7	2.2		3.3	2.7	
Police Controlled(b)	13,577	12,793	-5.8	4,114	4,090	-0.6	12,590	11,519	-8.5
Share in Total	2.9	2.7		2.8	2.7		2.7	2.5	
Stop Sign(c)	11,140	6,513	-41.5	3,346	2,491	-25.6	10,812	5,665	-47.6
Share in Total	2.4	1.4		2.3	1.6		2.3	1.2	
Flashing Signal/Blinker(d)	10,549	7,904	-25.1	2,896	2,757	-4.8	10,644	7,378	-30.7
Share in Total	2.3	1.7		2	1.8		2.3	1.6	
Uncontrolled(e)	1,24,024	1,14,133	-8	39,560	33,149	-16.2	1,24,486	1,09,344	-12.2
Share in Total	26.7	24.4		26.7	21.9		26.4	23.3	
Sub Total f= a+b+c+d+e	1,75,853	1,55,069	-12	53,974	45,812	-15	1,74,079	1,46,374	-16
share of sub total in Total	37.8	33.2		36.5	30.3		37.0	31.2	
Others	2,89,057	3,11,975	7.9	93,939	1,05,605	12.4	2,96,896	3,23,044	8.8
Share in Total	62.2	66.8		63.5	69.7		63	68.8	
Total	4,64,910	4,67,044	0.5	1,47,913	1,51,417	2.4	4,70,975	4,69,418	-0.3

The above table shows that the largest number of accidents, persons killed and injured took place on uncontrolled crossings which accounted for 24.4 of the total accidents, 21.9% of the people killed and 23.3% of the people injured in 2018.

Further, it is noted that number of road accidents, persons killed and injured during the years 2017 and 2018 on all junctions having different types of traffic controls have decreased in 2018 with the maximum reduction on junctions having “Stop Sign followed by “Flashing Signal/blinkers and “Traffic light signal) in the accident category and persons injured category.

3.2.4 Accidents by weather condition

Accident reported by type of weather condition at the All India level for 2017-18 are summarized in the **Table 3.8** below: The State-wise details of accidents by weather condition are at **Annexure 26**.

Table 3.8: Road accidents by weather condition – 2017 & 2018

Weather condition	No of accidents			Persons killed			Persons injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
Sunny/clear	3,40,892	3,48,137	2.1	1,02,926	1,04,883	1.9	3,49,597	3,56,594	2
Share in Total	73.3	74.5		69.6	69.3		74.2	76	
Rainy	44,010	44,011	0.002	13,142	14,590	11	46,004	45,010	-2.2
Share in Total	9.5	9.4		8.9	9.6		9.8	9.6	
Foggy & misty	26,982	28,026	3.9	11,090	11,841	6.8	24,828	25,265	1.8
Share in Total	5.8	6		7.5	7.8		5.3	5.4	
Hail/ sleet	3,078	4,114	33.7	1,523	2,123	39.4	2,888	4,080	41.3
Share in Total	0.7	0.9		1	1.4		0.6	0.9	
Others	49,948	42,756	-14.4	19,232	17,980	-6.5	47,658	38,469	-19.3
Share in Total	10.7	9.2		13	11.9		10.1	8.2	
Total	4,64,910	4,67,044	0.5	1,47,913	1,51,417	2.4	4,70,975	4,69,418	-0.3

Weather condition affects road surface condition and the visibility of the motorist, 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.

Table 3.7 above, however, shows that almost 3/4th of the accidents took place under sunny/clear weather. **Accidents under adverse weather conditions such as rainy, foggy and hail/sleet accounted for only 16.3 per cent of total road accidents during 2018.** Further, both road accidents & number of accidents related deaths under different weather conditions have increased. in the year 2018 as compared to 2017. **The maximum increase in road accidents has been under the weather condition “hail/sleet (33.7%)”** and similarly the increase in number of person killed and person injured has been the maximum under the weather condition “Hail Sleet”.

3.3 Accidents classified by Vehicular condition

The third category of **vehicular condition** includes cases of accidents associated with overloading and the age of the vehicles. This chapter attempts to report data in respect of all the above categories as reported by States/UTs.

3.3.1 Accidents in over-aged vehicles

Old vehicles are prone to breakdowns and are more prone to malfunction and lack of safety. The summary of road accidents, persons killed and injuries categorized by age of the vehicles involved during 2017 and 2018 is presented in **Table 3.9** below while the State wise details are at **Annexure 28**

Table 3.9 : Accidents classified according to age of impacting vehicle during the calendar year 2017 & 2018

Age of Impacting Vehicles	Total Accidents			Persons killed			Total Persons Injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
Less than 5 years	1,71,651	1,65,391	-3.6	48,945	49,363	0.9	1,77,790	1,71,881	-3.3
% share of total	36.9	35.4		33.1	32.6		38	37	
5-10 years	1,33,395	1,30,486	-2.2	41,842	40,145	-4.1	1,34,977	1,35,253	0.2
% share of total	28.7	28.0		28.3	26.5		29	29	
10-15 years	61,416	61,277	-0.2	20,193	20,608	2.1	62,765	61,912	-1.4
% share of total	13.2	13.1		13.7	13.6		13	13	
15 years & above	42,939	44,628	3.9	14,080	16,463	16.9	43,167	42,548	-1.4
% share of total	9.2	9.6		9.5	10.9		9	9	
Age not known	55,167	64,946	17.7	22,746	24,740	8.8	51,974	57,524	10.7
% share of total	11.9	13.9		15.4	16.3		11	12	
Total*	4,64,568	4,66,728	0.5	1,47,806	1,51,319	2.4	4,70,673	4,69,118	

*Total will not tally with All India figures as information in respect of the above category was not provided by Chandigarh

It will be noted from the above that vehicles 10-15 yrs of age, accounted for 13.1% of accidents, vehicles over 15 years accounted for 9.6 per cent of total accidents and vehicles with age not known accounted for another 13.9% of the total accidents in 2018. **Together these categories accounted for 36.6% of accidents.** The last two categories i.e vehicles more than 15 years and age not known also registered the largest increase in accidents in 2018 over 2017.

Similarly vehicles 10-15 yrs of age, accounted for 13.7% of accidents related deaths, vehicles of over 15 years accounted for 10.9 per cent of accidents related deaths and vehicles with age not known accounted for another 16.3% of the total accidents related deaths. **Together these categories accounted for 40.8%**

of accidents related deaths. All these categories also registered the largest increase in deaths in 2018 over 2017 Table 3.9 refers.

In view of the above trends MORTH is working on putting in place a policy for scrapping of old vehicles.

3.3.2 Overloading

Overloaded trucks are known to cause accidents due to (i) Truck tyres bursting from excess weight; (ii) Brakes wearing out due to friction caused by the overloading; (iii) Road collapses caused by overloaded trucks; (iv) Roll-over of trucks caused by the center of gravity shifting from overloading; (v) Excess weight adding momentum to a truck traveling downhill and severely slowing it down when traveling up an incline. An overloaded truck whose weight is shifted to the rear of the truck, makes steering much more difficult; Also, partially loaded tanker trucks carrying liquids that slosh back and forth, upset the natural center of gravity of the truck.

In short, overloaded trucks or those with improperly secured loads can be a hazard to all other vehicles on the road. Another frequently observed feature is vehicles with loads protruding/hanging posing serious traffic hazard, risking itself and other road users.

Each state has independent control over the legal load limits for trucks. Those trucks which are oversized or over the weight limits are required to obtain a special permit, display appropriate caution warnings, drive during specific hours etc.

The summary of accidents, deaths and injured caused by overloading is given in the **Table 3.10** below. It will be seen that overloaded vehicles accounted for a share of 10.1% of total accidents, 11.9% of total killed and 10% of the injured in 2018. Further, it will be noted that both accidents, accident related deaths, and injuries caused by overloading registered a decline in 2018 compared to 2017.

Table : 3.10 Accidents classified according to Load Condition during the calendar year 2017 & 2018.

Load condition	No of accidents			Persons killed			Persons injured		
	2017	2018	% age change	2017	2018	% age change	2017	2018	% age change
Normally loaded	2,69,759	2,79,135	3.5	78,134	84,063	7.6	2,82,312	2,91,614	3.3
% share of total	58.0	59.8		52.8	55.5		162.3	163.2	
Overloaded /handing	55,512	47,092	-15.2	20,848	17,981	-13.8	57,600	48,343	-16.1
% share of total	11.9	10.1		14.1	11.9		33.1	27.1	
Not known	1,39,639	1,40,817	0.8	48,931	49,373	0.9	1,31,063	1,29,461	-1.2
% share of total	30.0	30.2		33.1	32.6		75.4	72.5	
Total	4,64,910	4,67,044	0.5	1,47,913	1,51,417	2.4	4,70,975	4,69,418	-0.3

State-wise figures of accidents classified by vehicular load conditions are at **Annexure 29**. It will be seen that the states of UP and Tamilnadu rank first and second in 2018 in terms of overloading related accidents and first and third in terms of overloading related deaths in 2018.

Section – 4

INTER-STATE COMPARISONS

4.1 This section analyzes the performance of States/UTs in respect of the number of road accidents and number of persons killed during the five year period of 2014 to 2018 , position of the top five States in their ranking in accidents and number of persons killed in 2018 with 2017 as also the % share of top 15 States in accidents and number of persons killed in 2018 with 2017.

4.2 The absolute number of road accidents and the number of persons killed across States and UTs varies widely and depends inter-alia on the size of the states/UTs in terms of population, road length, road transport, economic activity in the State/UT, quality of safety related infrastructure and enforcement etc in place.

Performance of States/UTs during 2014 to 2018

4.3 Number of accidents

4.3.1 State wise data on number of accidents during the period 2014 to 2018 along with the ranking of States in total accidents in 2014-18 is presented in **Table 4.1** below:

Table: 4.1 State wise number of accidents and ranking in total accidents during 2014-2018

Sl. No.	States/UTs	Total Number of Road Accidents occurred in States/UTs					Increase in 18 over 17	% Increase in 18 over 17	Rank of States/UTs in Total Number of Road Accidents				
		2014	2015	2016	2017	2018			2014	2015	2016	2017	2018
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andhra Pradesh	24,440	24,258	24,888	25,727	24,475	-1252	-4.9	8	7	7	7	7
2	Arunachal Pradesh	205	284	249	241	277	36	14.9	31	29	29	30	30
3	Assam	7,144	6,959	7,435	7,170	8,248	1078	15.0	17	17	16	16	16
4	Bihar	9,556	9,555	8,222	8,855	9,600	745	8.4	15	15	15	15	15
5	Chhattisgarh	13,821	14,446	13,580	13,563	13,864	301	2.2	11	11	11	11	11
6	Goa	4,229	4,338	4,304	3,917	3,709	-208	-5.3	21	21	21	21	21
7	Gujarat	23,712	23,183	21,859	19,081	18,769	-312	-1.6	9	9	10	10	10
8	Haryana	10,676	11,174	11,234	11,258	11,238	-20	-0.2	13	13	13	13	14
9	Himachal Pradesh	3,058	3,010	3,168	3,114	3,110	-4	-0.1	22	22	22	22	22
10	Jammu & Kashmir	5,861	5,836	5,501	5,624	5,978	354	6.3	19	19	19	19	19
11	Jharkhand	5,201	5,162	4,932	5,198	5,394	196	3.8	20	20	20	20	20
12	Karnataka	43,713	44,011	44,403	42,542	41,707	-835	-2.0	4	4	3	3	4
13	Kerala	36,282	39,014	39,420	38,470	40,181	1711	4.4	5	5	5	5	5

Table 4.1 : Cont...

Table: 4.1 State wise number of accidents and ranking in total accidents during 2014-2018

Sl. No.	States/UTs	Total Number of Road Accidents occurred in States/UTs					Increase in 18 over 17	% Increase in 18 over 17	Rank of States/UTs in Total Number of Road Accidents					
		2014	2015	2016	2017	2018			2014	2015	2016	2017	2018	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
14	Madhya Pradesh	53,472	54,947	53,972	53,399	51,397	-2002	-3.7	3	3	2	2	2	
15	Maharashtra	61,627	63,805	39,878	35,853	35,717	-136	-0.4	2	2	4	6	6	
16	Manipur	743	671	538	578	601	23	4.0	25	25	27	26	25	
17	Meghalaya	542	606	620	675	399	-276	-40.9	27	27	25	25	28	
18	Mizoram	132	70	83	68	53	-15	-22.1	33	32	32	34	35	
19	Nagaland	305	54	75	531	430	-101	-19.0	29	35	33	27	27	
20	Odisha	9,648	10,542	10,532	10,855	11,262	407	3.7	14	14	14	14	13	
21	Punjab	6,391	6,702	6,952	6,273	6,428	155	2.5	18	18	18	18	18	
22	Rajasthan	24,628	24,072	23,066	22,112	21,743	-369	-1.7	7	8	8	9	9	
23	Sikkim	203	219	210	196	180	-16	-8.2	32	31	31	31	32	
24	Tamil Nadu	67,250	69,059	71,431	65,562	63,920	-1642	-2.5	1	1	1	1	1	
25	Telangana	20,078	21,252	22,811	22,484	22,230	-254	-1.1	10	10	9	8	8	
26	Tripura	716	647	557	503	552	49	9.7	26	26	26	28	26	
27	Uttarakhand	1,410	1,523	1,591	1,603	1,468	-135	-8.4	23	24	24	24	24	
28	Uttar Pradesh	31,034	32,385	35,612	38,783	42,568	3,785	9.8	6	6	6	4	3	
29	West Bengal	12,875	13,208	13,580	11,631	12,705	1,074	9.2	12	12	11	12	12	
30	Andaman & Nicobar Islands	218	258	238	189	254	65	34.4	30	30	30	32	31	
31	Chandigarh	369	416	428	342	316	-26	-7.6	28	28	28	29	29	
32	Dadra & Nagar Haveli	87	69	70	67	80	13	19.4	34	34	35	35	33	
33	Daman & Diu	39	70	71	79	76	-3	-3.8	35	32	34	33	34	
34	Delhi	8,623	8,085	7,375	6,673	6,515	-158	-2.4	16	16	17	17	17	
35	Lakshadweep	1	3	1	1	3	2	200.0	36	36	36	36	36	
36	Puducherry	1,111	1,530	1,766	1,693	1,597	-96	-5.7	24	23	23	23	23	
	Total	4,89,400	5,01,423	4,80,652	4,64,910	4,67,044	2,134	0.5						

4.3.2 From the above table, the position in respect of top 5 States in respect of accidents is summarized in table 4.2 below:

Table 4.2: Position in respect of top 5 States in accidents

S. No.	States	2017	2018	increase	% increase	Rank in 2017	Rank in 2018
1.	Tamil Nadu	65,562	63,920	-1642	-2.5	1	1
2.	Madhya Pradesh	53,399	51,397	-2002	-3.7	2	2
3.	Uttar Pradesh	38,783	42,568	3785	9.8	4	3
4.	Karnataka	42,542	41,707	-835	-2.0	3	4
5.	Kerala	38,470	40,181	1,711	4.4	5	5

Thus Tamilnadu continues to retain the first rank in terms of accidents across States in 2018, like in 2017, despite a reduction in accidents of 1,642 by about 2.5%. The State accounts for about 13.7% of the total accidents in the country in 2018. Similarly, the State of Madhya Pradesh maintains its rank at second position in 2018 despite a reduction in accidents by 2,002. The States of Uttar Pradesh moved up in its ranking of accident from 4 in 2017 to 3 in 2018 registering an increase in accidents by 3,785 by 9.8%. The State of Karnataka has also moved down in its ranking of accident from 3 in 2017 to 4 in 2018 registering a decline in accidents by 835 of about 2% over the previous year. The State of Kerala maintains its rank at position 5 in 2018 despite registering an increase in accidents in 2018 of 1,711 of about 4.4%.

4.3.3 Further an examination of the top 15 States in terms of accidents shows that they account for around 90% of the total accidents at the all India level in both 2017 and 2018.

Table 4.3: Number of road accidents in top 15 States and their respective percentage shares in total accidents during 2017 and 2018

Sl. No.	State	2018		2017		Increase /decrease over 2017	
		No. of accidents	% share in total	No. of accidents	% share in total	In Numbers	% age terms
1	Tamil Nadu	63,920	13.7	65,562	14.1	-1,642	2.6
2	Madhya Pradesh	51,397	11.0	53,399	11.5	-2,002	3.9
3	Uttar Pradesh	42,560	9.1	38,783	8.3	3,777	-8.9
4	Karnataka	41,707	8.9	42,542	9.2	-835	2.0
5	Kerala	40,181	8.6	38,470	8.3	1,711	-4.3
6	Maharashtra	35,717	7.6	35,853	7.7	-136	0.4
7	Andhra Pradesh	24,475	5.2	25,727	5.5	-1,252	5.1
8	Telangana	22,230	4.8	22,484	4.8	-254	1.1
9	Rajasthan	21,743	4.7	22,112	4.8	-369	1.7
10	Gujarat	18,769	4.0	19,081	4.1	-312	1.7
11	Chhattisgarh	13,864	3.0	13,563	2.9	301	-2.2
12	West Bengal	12,705	2.7	11,631	2.5	1,074	-8.5
13	Haryana	11,262	2.4	11,258	2.4	4	0.0
14	Odisha	11,238	2.4	10,855	2.3	383	-3.4
15	Bihar	9,600	2.1	8,855	1.9	745	-7.8
	Total 15 States	4,21,368	90.2	4,20,175	90.4	1193	-0.3
	Total All India	4,67,044		4,64,910			

4.4 Number of persons killed

4.4.1 State wise data on number of accident related deaths along with the State rankings in terms of accident related deaths during the period 2014 to 2018 is presented in **Table 4.4** below:

Table 4.4 : State wise number of persons killed in accidents and their ranking in accident related deaths during 2014-2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents during					Increase in 18 over 17	% Increase in 18 over 17	Rank of States/UTs in Total Number of Persons killed in road accidents				
		2014	2015	2016	2017	2018			2014	2015	2016	2017	2018
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andhra Pradesh	7,908	8,297	8,541	8,060	7,556	-504	-6.3	8	7	7	7	8
2	Arunachal Pradesh	119	127	149	110	175	65	59.1	29	29	28	28	27
3	Assam	2,522	2,397	2,572	2,783	2,966	183	6.6	18	18	18	18	18
4	Bihar	4,913	5,421	4,901	5,554	6,729	1,175	21.2	11	11	13	11	9
5	Chhattisgarh	4,022	4,082	3,908	4,136	4,592	456	11.0	15	16	16	15	15
6	Goa	290	311	336	328	262	-66	-20.1	23	23	23	23	23
7	Gujarat	7,955	8,119	8,136	7,289	7,996	707	9.7	7	8	8	8	7
8	Haryana	4,483	4,879	5,024	5,120	5,118	-2	0.0	13	13	12	12	13
9	Himachal Pradesh	1,199	1,096	1,271	1,203	1,208	5	0.4	20	20	20	20	20
10	Jammu & Kashmir	992	917	958	926	984	58	6.3	21	21	22	22	22
11	Jharkhand	2,628	2,893	3,027	3,256	3,542	286	8.8	17	17	17	17	17
12	Karnataka	10,452	10,856	11,133	10,609	10,990	381	3.6	4	4	4	4	4
13	Kerala	4,049	4,196	4,287	4,131	4,303	172	4.2	14	15	15	16	16
14	Madhya Pradesh	8,569	9,314	9,646	10,177	10,706	529	5.2	6	6	6	6	5
15	Maharashtra	12,803	13,212	12,935	12,264	13,261	997	8.1	3	3	3	3	2
16	Manipur	168	139	81	136	134	-2	-1.5	25	27	30	27	28
17	Meghalaya	141	183	150	182	182	0	0.0	27	25	27	25	26
18	Mizoram	103	72	70	60	45	-15	-25.0	30	30	31	31	32
19	Nagaland	81	30	46	41	39	-2	-4.9	31	34	32	33	33
20	Odisha	3,931	4,303	4,463	4,790	5,315	525	11.0	16	14	14	13	12
21	Punjab	4,621	4,893	5,077	4,463	4,740	277	6.2	12	12	11	14	14
22	Rajasthan	10,289	10,510	10,465	10,444	10,320	-124	-1.2	5	5	5	5	6
23	Sikkim	59	70	85	78	85	7	9.0	32	31	29	30	30
24	Tamil Nadu	15,190	15,642	17,218	16,157	12,216	-3,941	-24.4	2	2	2	2	3
25	Telangana	6,906	7,110	7,219	6,596	6,603	7	0.1	9	9	9	9	10
26	Tripura	188	158	173	161	213	52	32.3	24	26	25	26	25
27	Uttarakhand	878	913	962	942	1,047	105	11.1	22	22	21	21	21
28	Uttar Pradesh	16,287	17,666	19,320	20,124	22,256	2132	10.6	1	1	1	1	1
29	West Bengal	5,875	6,234	6,544	5,769	5,711	-58	-1.0	10	10	10	10	11
30	Andaman & Nicobar Islands	23	23	17	21	19	-2	-9.5	34	35	35	35	35
31	Chandigarh	131	129	151	107	98	-9	-8.4	28	28	26	29	29
32	Dadra & Nagar Haveli	59	42	46	43	54	11	25.6	32	32	32	32	31
33	Daman & Diu	15	42	38	36	35	-1	-2.8	35	32	34	34	34
34	Delhi	1,671	1,622	1,591	1,584	1,690	106	6.7	19	19	19	19	19
35	Lakshadweep	0	0	1	0	1	1	1	36	36	36	36	36
36	Puducherry	151	235	244	233	226	-7	-3.0	26	24	24	24	24
	Total	1,39,671	1,46,133	1,50,785	1,47,913	1,51,417	3,504	2.4					

4.4.2 From the above table, it will be noted that there has been an increase in accident related deaths by 3504 in 2018 showing an increase 2.4% over the previous year at the All India level. The position in respect of top 6 States in respect of accidents related deaths is summarized in **table 4.5** below:

Table 4.5: Position in respect of top 6 States in accident related deaths in 2017 & 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents during		Increase in 18 over 17	% Increase in 18 over 17	Rank of States/UTs in Total Number of Persons killed in road accidents	
		2017	2018			2017	2018
1	2	3	4	5	6	7	8
1	Uttar Pradesh	20,124	22,256	2 132	10.6	1	1
2	Maharashtra	12,264	13,261	997	8.1	3	2
3	Tamil Nadu	16,157	12,216	-3941	-24.4	2	3
4	Karnataka	10,609	10,990	381	3.6	4	4
5	Madhya Pradesh	10,177	10,706	529	5.2	6	5
6	Rajasthan	10,444	10,320	-124	-1.2	5	6

Thus Uttar Pradesh continues to retain the first rank in terms of accident related deaths across States in 2018, as in the previous year, registering an increase in number of persons killed by 2132 showing an increase of about 10.6%. The State accounts for about 14.7% of the total accident related deaths in the country in 2018. The State of Maharashtra occupies the second rank in terms of accident related deaths in 2018 and has moved up from the rank 3 in 2017 on account of increase in accident related deaths by 997 of about 8.1%. The State of Tamilnadu¹ moved down to rank 3 in 2018 from rank 2 in 2017 in terms of accident related deaths by registering a decline of 3941 of about 24.4%. This indeed is noteworthy and is the result of the multiple safety related initiatives taken by the State. Karnataka has maintained its rank at 4 in terms of accident related deaths and shown an increase in persons killed by 381 of about 3.6%. Madhya Pradesh has also moved up in terms of its rank in accident related deaths from position 6 in 2017 to position 5 in 2018 registering an increase in number of accident related deaths of 529.

4.4.3 Further an examination of the top 15 States in terms of accident related deaths shows that they account for around 89% of the total accident related deaths at the All India level in both 2017 and 2018.

Table 4.6: Number of persons killed in road accidents in top 15 States and its respective percentage shares in total number of persons killed during 2017 and 2018

Sl. No.	State	2018		2017		Increase /decrease	
		Persons killed	% share	Persons killed	% share	Number	% terms
1	Uttar Pradesh	22,256	14.7	20,124	13.6	2,132	-9.6
2	Maharashtra	13,261	8.8	12,264	8.3	997	-7.5
3	Tamil Nadu	12,216	8.1	16,157	10.9	-3,941	32.3
4	Karnataka	10,990	7.3	10,609	7.2	381	-3.5
5	Madhya Pradesh	10,706	7.1	10,177	6.9	529	-4.9
6	Rajasthan	10,320	6.8	10,444	7.1	-124	1.2
7	Gujarat	7,996	5.3	7,289	4.9	707	-8.8
8	Andhra Pradesh	7,556	5.0	8,060	5.4	-504	6.7
9	Telangana	6,603	4.4	6,596	4.5	7	-0.1
10	Bihar	6,729	4.4	5,554	3.8	1,175	-17.5
11	West Bengal	5,711	3.8	5,769	3.9	-58	1.0
12	Odisha	5,315	3.5	4,790	3.2	525	-9.9
13	Haryana	5,118	3.4	5,120	3.5	-2	0.0
14	Punjab	4,740	3.1	4,463	3.0	277	-5.8
15	Chhattisgarh	4,592	3.0	4,136	2.8	456	-9.9
	Total 15 States	1,34,109	88.6	1,31,552	88.9	2557	-1.9
	Total All India	1,51,417		1,47,913			

¹The reduced number of accident related deaths in Tamil Nadu are a result of coordinated efforts made by various Government Departments in this direction with the regular review of safety initiatives taking place at the highest level of State Road Safety Council (SRSC) headed by the Honourable Minister for Transport and with the Chief Secretary as vice-chairman. The Transport Commissioneer and ADGP (Traffic) convene joint meetings on Road Safety with the stakeholders for improved enforcement. Wine shops on the Highways have been closed. The State Level Control Room has been activated in the Office of the ADGP (Traffic & Road Safety) to monitor the operation of Highways patrolling vehicles (fitted with GPS). Multipronged initiatives such as use of technology like E-challans issued through smart POS integrated with VAHAN, use of Automated Number Plate reading camera for speed enforcement etc were taken. Emergency care has been improved through establishment of 78 Trauma Care Centres, 936 Ambulances, 41 first Responder Bikes reducing the State response time in emergency care. Phenomenal levels of commitment by the health team and the introduction of Emergency mobile App capturing GPS & GIS for reaching the accident spot faster have also helped in reducing accident related deaths in the State.

Section – 5

ROAD ACCIDENTS IN MILLION-PLUS CITIES

5.1 Urban Agglomerations because of dense population and road traffic congestion tend to have more road accidents. In this Section an abstract of road accident statistics in respect of 50 Indian cities with population of one million has been presented in brief.

Trends of road accidents in Million plus cities during 2014-2018

5.2 The trends of road accidents, accidents resulting in deaths, number of persons injured etc. over the period of last five years i.e 2014 to 2018 in respect of the 50 million plus cities, spread across 17 States and 2 UTs is given in **Table 5.1**.

5.3 These 50 million plus cities accounted for 18.3 per cent of the total number of accidents and 11.7 percent of deaths in the country

Table 5.1: Share of 50 million-plus cities in total road accidents, number of persons killed and injured during 2014-2018

S. No	Description	2014	2015	2016	2017	2018
1	No. of accidents (million plus cities)	1,10,958	1,11,024	89,835	82,286	85,318
	% increase/decrease over previous year		0.06	-19.09	-8.40	3.68
	All India Total road accidents	4,89,400	5,01,423	4,80,652	4,64,910	4,67,044
	Share in total	22.67	22.14	18.69	17.70	18.27
2	No. of persons killed (million plus cities)	16,611	16,513	17,797	16,971	17,709
	% increase/decrease over previous year		-0.59	7.78	-4.64	4.35
	All India Total No of persons killed	1,39,671	1,46,133	1,50,785	1,47,913	1,51,417
	Share in total	11.89	11.30	11.80	11.47	11.70
3	No. of persons injured (million plus cities)	83,000	82,220	82,608	73,945	76,747
	% increase/decrease over previous year		-0.94	0.47	-10.49	3.79
	All India Total No. of total persons injured	4,93,474	5,00,279	4,94,624	4,70,975	4,69,418
	Share in total	16.82	16.43	16.70	15.70	16.35
4	Accident severity(million plus cities)	15.0	14.9	19.8	20.6	20.8
	All India - Accident severity*	28.5	29.1	31.4	31.8	32.4

(*) number of person killed per 100 accidents

5.4 As may be seen from the table above, these 50 million cities have shown an increase in accidents of 3.68%, in numbers killed of 4.35% and numbers injured of 3.79 in 2018 over the previous year in 2017. There is also a marginal increase in accident severity in 2018 over 2017.

5.5 The city wise details of total number of accidents, persons killed and injured during 2017 and 2018 are presented in **Table 5.2** along with the intercity ranking

Table 5. 2: Number of Road Accidents, persons killed & injured in Million-Plus Cities in 2017 & 2018

S. no	States/Uts	Total Accidents				No of persons Killed				No of persons injured			
		In numbers		Ranking		In numbers		Ranking		In numbers		Ranking	
		2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
1	Agra	1,032	1,273	29	25	555	623	7	6	896	999	27	26
2	Ahmedabad	1,563	1,585	20	22	336	316	19	22	1,443	1,494	19	18
3	Allahabad	1,163	1,380	27	24	472	614	9	7	734	850	33	30
4	Amritsar	119	123	50	50	67	77	49	48	100	82	50	50
5	Asansol Durgapur	425	447	43	45	271	286	27	27	406	349	41	44
6	Aurangabad	592	567	39	41	157	161	40	40	486	493	39	39
7	Bengaluru	2,297	4,611	12	3	653	686	6	5	2,083	4,129	13	3
8	Bhopal	3,393	3,508	4	4	252	327	28	19	2,720	3,001	6	6
9	Chandigarh	342	316	47	48	107	98	44	46	302	300	45	46
10	Chennai	7,257	7,580	1	1	1,299	1,260	2	2	6,975	7,438	1	1
11	Coimbatore	1,299	1,136	25	27	277	162	25	39	1,191	1,140	24	24
12	Delhi	6,673	6,515	2	2	1,584	1,690	1	1	6,604	6,086	2	2
13	Dhanbad	366	365	45	47	196	252	33	30	199	123	49	49
14	Faridabad	712	702	34	35	276	254	26	29	610	649	36	35
15	Ghaziabad	930	1,054	30	30	402	421	13	13	709	774	34	31
16	Gwalior	2,156	2,104	14	15	317	294	21	25	1,800	1,660	14	16
17	Hyderabad	2,834	2,846	9	8	310	310	22	24	2,370	2,629	12	9
18	Indore	4,513	3,434	3	5	391	322	14	21	3,676	2,954	3	7
19	Jabalpur	3,303	3,419	5	6	409	374	12	14	3,113	3,166	5	5
20	Jaipur	2,983	2,781	8	9	813	692	3	4	2,550	2,265	10	13
21	Jamshedpur	304	311	48	49	223	157	31	41	205	219	48	48
22	Jodhpur	282	549	49	42	104	245	46	31	262	434	46	42
23	Kannur	578	621	40	36	68	68	48	49	700	735	35	32
24	Kanpur	1,568	1,588	19	21	682	698	4	3	1,199	1,211	23	22
25	Khozikode	1,467	1,423	23	23	184	154	36	42	1,544	1,552	17	17
26	Kochi	2,503	2,411	10	12	137	141	42	44	2,600	2,478	8	12
27	Kolkata	3,131	2,663	7	10	329	294	20	25	2,559	2,162	9	14
28	Kollam	1,780	1,940	16	17	213	241	32	32	1,763	1,997	15	15
29	Kota	481	466	42	44	93	89	47	47	471	478	40	41
30	Lucknow	1,515	1,638	21	20	655	580	5	9	917	1,005	26	25
31	Ludhiana	493	477	41	43	281	328	23	18	316	240	43	47
32	Madurai	920	962	31	33	189	153	34	43	891	945	28	27
33	Mallapuram	2,339	2,423	11	11	385	367	15	15	2,683	2,601	7	10
34	Meerut	1,040	1,019	28	31	411	443	11	11	794	717	30	33
35	Mumbai	3,160	3,162	6	7	490	475	8	10	3,287	3,292	4	4
36	Nagpur	1,242	1,117	26	28	231	237	30	33	1,256	1,187	22	23
37	Nashik	631	581	36	38	171	217	38	35	510	557	37	37
38	Patna	422	966	44	32	147	597	41	8	218	524	47	38
39	Pune	1,508	1,194	22	26	373	352	16	17	1,154	891	25	28
40	Raipur	2,159	2,075	13	16	420	427	10	12	1,288	1,374	21	21
41	Rajkot	617	568	37	39	161	202	39	36	494	481	38	40
42	Srinagar	363	375	46	46	60	46	50	50	345	383	42	43
43	Surat	902	1,073	32	29	251	324	29	20	819	851	29	29
44	Thiruvanthapuram	2,113	2,306	15	13	172	202	37	36	2,497	2,747	11	8
45	Thrissur	1,384	2,222	24	14	106	218	45	34	1,548	2,593	16	11
46	Tiruchirapalli	638	602	35	37	134	122	43	45	768	651	31	34
47	Vadodra	867	777	33	34	186	182	35	38	755	641	32	36
48	Varanasi	612	568	38	39	279	261	24	28	316	316	43	45
49	Vijaywada city	1,648	1,657	18	19	349	359	17	16	1,525	1,482	18	19
50	Vizaq	1,667	1,838	17	18	343	311	18	23	1,294	1,422	20	20
	Total	82,286	85,318			16,971	17,709			73,945	76,747		

5.6 The top five cities in 2018 in terms of accidents and accident related killings are given below:

Table 5.3 : Ranking of Top five cities in 2018 in term of accidents and related deaths.

States/Uts	Total Accidents				States/Uts	Total Accident related deaths				
	In numbers		Ranking			In numbers		Ranking		
	2017	2018	2017	2018		2017	2018	2017	2018	
Chennai	7,257	7,580	1	1	Delhi	1,584	1,690	1	1	
Delhi	6,673	6,515	2	2	Chennai	1,299	1,260	2	2	
Bengaluru	2,297	4,611	12	3	Kanpur	682	698	4	3	
Bhopal	3,393	3,508	4	4	Jaipur	813	692	3	4	
Indore	4,513	3,434	3	5	Bengaluru	653	686	6	5	

It will be seen that Chennai ranks first followed by Delhi, Bengaluru, Bhopal and Indore in terms of accidents in 2018. While in terms of those killed in 2018, Delhi ranks first followed by Chennai, Kanpur, Jaipur and Bengaluru.

Section – 6

SPATIAL AND INTER-TEMPORAL DISTRIBUTION OF ROAD ACCIDENTS

6.0 India's population is concentrated in rural areas. As per 2011 census, 68.8 per cent of India's population lives in rural area and while 31.2 per cent lives in urban areas. Urban areas have higher population density and more vehicular traffic and hence have greater incidence of road accidents as compared to the rural areas. Apart from this social and economic activities and travel during a year and in a day also have an impact on road traffic volume and, perhaps, incidences of accidents as well. This Section examines the distribution of road accidents statistics between rural areas and urban areas, across different months in a year and also for different time intervals of a day.

6.1 Road accidents in urban and rural areas

6.1.1 The trend of road accidents in urban and rural areas over the last five years (i.e 2014 to 2018) is presented in **Table 6.1** while the State wise data is at **Annexure 40**.

Table 6.1: Number of road accidents, persons killed and injured in Rural and Urban areas- 2014 to 2018

Year	Urban Area			Rural Area			Total		
	Total Accidents	Persons Killed	Person Injured	Total Accidents	Persons Killed	Persons Injured	Total Accidents	Persons Killed	Persons Injured
2014	2,26,415 (46.26)	56,663 (40.57)	2,07,441 (42.04)	2,62,985 (53.74)	83,008 (59.43)	2,86,033 (57.96)	4,89,400	1,39,671	4,93,474
2015	2,31,894 (46.25)	56,978 (38.99)	2,04,545 (40.89)	2,69,529 (53.75)	89,155 (61.01)	2,95,734 (59.11)	5,01,423	1,46,133	5,00,279
2016	2,16,813 (45.11)	57,840 (38.36)	2,12,346 (42.93)	2,63,839 (54.89)	92,945 (61.64)	2,82,278 (57.07)	4,80,652	1,50,785	4,94,624
2017	1,95,723 (42.10)	51,334 (34.71)	1,83,703 (39.00)	2,69,187 (57.90)	96,579 (65.29)	2,87,272 (61.00)	4,64,910	1,47,913	4,70,975
2018	1,90,956 (40.89)	51,379 (33.93)	1,76,785 (37.66)	2,76,088 (59.11)	1,00,038 (66.07)	2,92,633 (62.34)	4,67,044	1,51,417	4,69,418

Note: Figures in parentheses indicate the percentage share in the total of share of the total.

6.1.2 The data in **Table 6.1** reveals that road accidents in urban areas have shown a decreasing trend over the period of five years. Road accidents in urban areas have decreased by 15.7 percent from 2,26,415 in 2014 to 1,90,956 in 2018. Similarly number of persons killed and number of persons injured have also shown a declining trend and have declined by 9.3 percent and 14.8 percent, respectively.

6.1.3 Road accidents in Rural Areas have a mixed trend and have increased by about 5 percent in 2018 as compared to 2014. Similarly, number of persons killed and injured as a result of road accidents have increased by 20.5 percent and 2.3 percent respectively.

6.1.4 In 2018, 40.9 per cent of road accidents were recorded in urban areas and 59.1 per cent in rural areas. In case of number of person killed the share of urban and rural area was 33.9 per cent and 66.1 per cent, respectively. As compared to 2017, the share of urban areas in both road accidents and number of persons killed has come down in 2018 and that of rural areas increased.

6.2 Trends in Month-wise distribution of road accidents

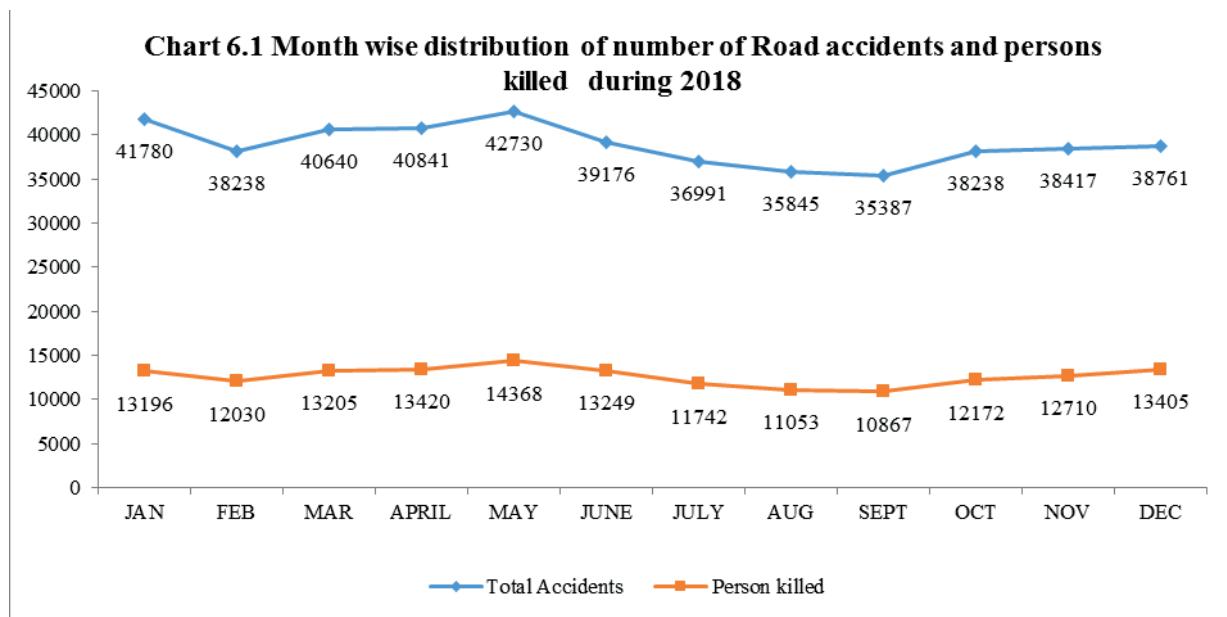
6.2.1 The aggregate data on month-wise distribution of road accidents for the period 2014 to 2018 is given in **Table 6.2**

Table 6.2: Trends of month wise distribution of Road accidents from 2014-2018

Year	2014		2015		2016		2017		2018	
Month	Total Accident	Persons Killed								
JAN	41,954	11,455	42,661	11,922	41,749	12,702	39,824	12,416	41,780	13,196
FEB	39,899	11,329	40,661	11,599	40,765	12,638	36,742	11,656	38,238	12,030
MAR	42,524	12,130	42,842	12,651	42,843	13,671	40,394	13,013	40,640	13,205
APR	39,867	11,655	42,432	12,740	42,010	13,856	38,966	12,665	40,841	13,420
MAY	45,404	13,940	46,247	14,354	43,368	14,091	42,799	14,417	42,730	14,368
JUNE	42,448	12,559	42,065	12,490	39,489	12,507	39,397	12,891	39,176	13,249
JULY	38,916	10,922	39,694	11,049	37,881	11,667	36,380	11,183	36,991	11,742
AUG	39,213	10,797	39,126	10,776	37,729	11,239	36,294	11,116	35,845	11,053
SEPT	37,360	10,230	39,761	11,101	36,929	11,050	36,093	10,983	35,387	10,867
OCT	39,791	11,176	42,089	12,097	39,952	12,430	38,527	12,402	38,238	12,172
NOV	40,040	11,423	41,018	12,323	38,505	12,217	39,701	12,515	38,417	12,710
DEC	41,984	12,055	42,827	13,031	39,432	12,717	39,793	12,656	38,761	13,405

6.2.2 The month wise data on road accidents presented in **Table 6.2** reveals that over the period of five years (2014 to 2018) the months in which the maximum number of accidents and maximum number of road accident deaths occur are May, June, March , January and December. The state wise data at **Annexure 42** reveals that major States such as Tamil Nadu, Madhya Pradesh, Uttar Pradesh, Karnataka and Kerala recorded higher number of road accidents in the month of May, June, July and January.

6.2.3 The month-wise distribution of total accidents and person killed for the year 2018 is depicted in **Chart 6.1**.



6.2.4 The data on month wise distribution of road accidents and number for person killed during the year 2018 as plotted in Graph 6.1 reveals that peak month is May followed by January, October November and December. The pattern is similar to that in the previous years. The period July to September has lesser number of accidents and road accident deaths.

6.3 Trends in Time interval-wise distribution of road accidents

6.3.1 The five yearly trend in time interval-wise distribution of road accidents is presented in **Table 6.3** while the data for 2018 is at **Annexure 43**

Table 6.3: Number of road accidents by time interval of day during 2014- 2018

Time	2014		2015		2016		2017		2018	
	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 - 09:00 hrs (Day)	53,450	10.9	55,518	11.1	54,522	11.3	51,551	11.1	51,489	11.0
09:00 - 12:00 hrs (Day)	78,137	16.0	81,964	16.3	75,771	15.7	71,426	15.4	70,211	15.0
12:00 - 15:00 hrs (Day)	76,384	15.6	79,616	15.9	73,380	15.3	71,594	15.4	71,392	15.3
15:00 - 18:00 hrs (Day)	84,436	17.3	87,819	17.5	85,834	17.9	82,456	17.7	81,619	17.5
18:00 - 21:00 hrs (Night)	83,254	17.0	86,836	17.3	84,555	17.6	85,686	18.4	86,986	18.6
21:00 - 24:00 hrs (Night)	52,570	10.7	51,425	10.3	50,970	10.6	49,567	10.7	49,162	10.5
00:00 - 03:00 hrs (Night)	29,179	6.0	27,954	5.6	25,976	5.4	25,050	5.4	25,407	5.4
03:00 - 06:00 hrs (Night)	31,990	6.5	30,291	6.0	29,644	6.2	27,580	5.9	26,571	5.7
Time not known	NA	NA	NA	NA	NA	NA	NA	NA	4207	0.90
Total 24 hrs	4,89,400	100.0	5,01,423	100.0	4,80,652	100.0	4,64,910	100.0	4,67,044	100.0

6.3.2 In 2018, the time interval between 6:00 PM and 9:00 PM recorded maximum number of road accidents, accounting for 18.6 per cent of the total accidents in the country and this is in line with the pattern seen over the past five years. The second highest time interval of a day was between 3:00 PM and 6:00 PM constituting 17.5 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 has the least number of accidents.

Section – 7

International Comparison of Road accidents

7.0 A comparison of select indicators published by World Road Statistics, 2018 of International Road Federation has been undertaken with the objective of positioning India viz-a-viz other countries in terms of road accidents and corresponding number person killed, injured and rates per lakh people.

7.1 The details of Accidents, person killed and persons injured in respect of top 20 countries by total injury accidents is presented in **Table 7.1**

Table 7.1 : Country wise number of injury accidents, persons killed and injured with rankings per country

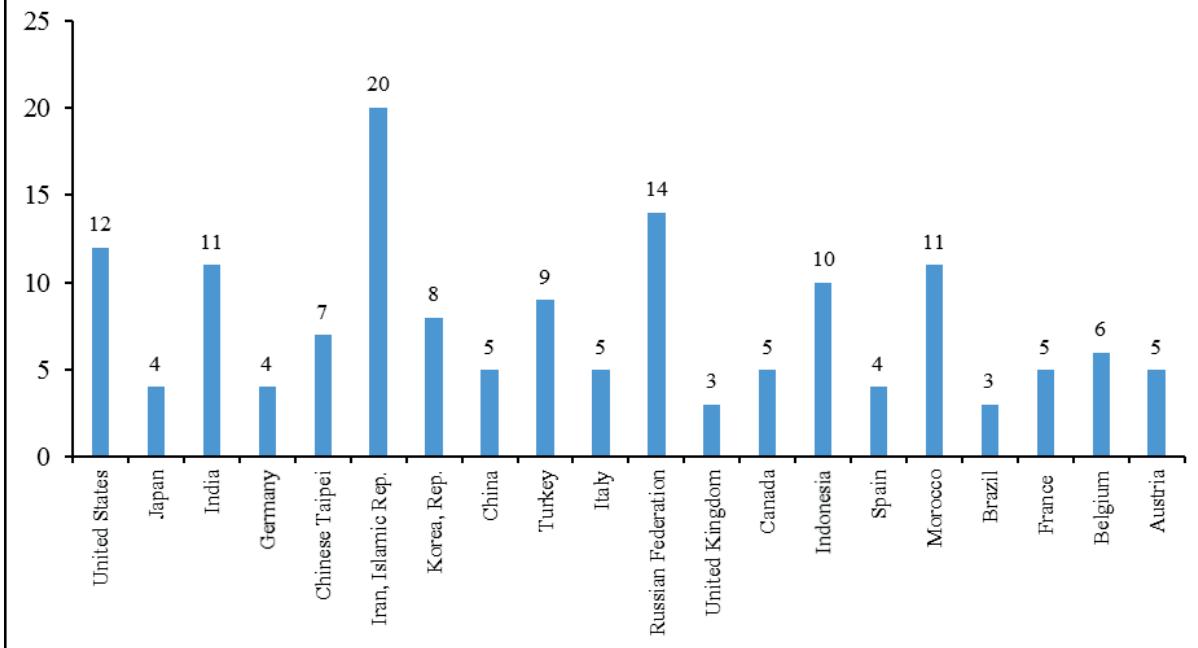
Country	Accidents			Persons Killed			Persons injured	
	Number	Rank	per Lakh people	Number	Rank	per Lakh people	Number	World Rank
United States	22,11,439	1	684	37,461	3	12	31,44,000	1
Japan	4,99,232	2	393	4,698	21	4	6,14,155	2
India	4.80,652	3	36	1,50,785	1	11	4,94,624	3
Germany	3.08,145	4	374	3,206	34	4	3.96,666	6
Chinese Taipei	3.05,556	5	1,302	1,604	57	7	4.03,906	5
Iran, Islamic Rep.	2,93,305	6	365	15,998	7	20	3,63,531	7
Korea, Rep.	2,20,917	7	431	4,292	24	8	3,31,720	8
China	2,12,846	8	15	63,093	2	5	2,26,430	11
Turkey	1,85,128	9	233	7,300	11	9	3,03,812	9
Italy	1,75,791	10	290	3,283	33	5	2,49,175	10
Russian Federation	1,73,694	11	120	20,308	6	14	2,21,140	12
United Kingdom	1,36,621	12	208	1,792	55	3	1,79,592	13
Canada	1,17,673	13	324	1,898	52	5	1,60,315	14
Indonesia	1,06,129	14	41	26,185	4	10	1,44,108	15
Spain	1,02,362	15	220	1,810	54	4	1,40,390	16
Morocco	80,680	16	229	3,785	27	11	1,19,162	17
Brazil	60,228	17	29	6,398	14	3	86,672	18
France	57,522	18	86	3,477	28	5	72,645	19
Belgium	40,096	19	354	637	87	6	51,190	22
Austria	38,466	20	440	432	104	5	48,393	23

Source: World Road Statistics, 2018 published by International Road Federation Geneva

7.2 Data in **Table 7.1** reveals that India ranks 3rd in terms of total accidents, across 199 countries as reported in the World Road Statistics, 2018. India's incidence of accidents is 36 per lakh people which is much lesser than that of USA(684), and Japan(393).

7.3 India ranks 1st in number of person killed across the 199 countries reported in the World Road Statistics, 2018. India's incidence of road accident deaths (i.e deaths per one lakh people) is 11 which is less than that of Iran(20), Russian federation(14) and USA(12) as may be seen from the **Chart 7.1** below:

Chart 7.1 Country wise number of person killed per lakh population- WRS 2018



7.4 India ranks 3rd in terms of persons injured after United States of America and Japan.

7.5 Country wise number of persons killed per 1,00,00 population in respect of the top 20 countries by total injury accidents as per World Road Statistics, 2018 is depicted in **Chart 7.1**

Section – 8

ROAD ACCIDENTS MITIGATION MEASURES TAKEN BY MORTH IN RECENT PAST

8.0 India is committed to bringing down fatalities from road accidents by 50 percent by 2020 as a signatory to the Brazilia declaration. It is clear from the report that road accidents are multi-causal which requires multi-pronged measures to mitigate road accidents through concerted efforts of all Government agencies both at the Centre as well in the State.

8.1 **The Ministry has formulated a multi-pronged strategy to address the issue of road safety based on Education, Publicity and awareness campaigns, Engineering (both of roads and vehicles), Enforcement and Emergency Care.** The various accidents mitigation measures taken up by the Ministry in the recent past are as follows:

8.1.1. Education measures:

(a) **Driver Training:** The Government is taking steps to strengthen the system of driver licensing and training to improve the competence and capability of drivers.

- **Model Institutes of Driving Training and Research (IDTR) in States / UTs.** Till date 29 IDTR has been sanctioned out of which 16 are functional. Remaining are under construction.
- **Regional Driving Training Centre (RDTC) in States/UTs.** Till date 5 RDTCs have been sanctioned which are in different stage of construction.
- The Ministry has launched a scheme for setting up of **Driving Training Centre (DTC)** at district level to provide quality training to commercial vehicle drivers to improve road and environment safety and strengthen overall mobility on roads. Under the scheme, the Ministry shall provide one-time assistance to the extent of 50% of the project cost, subject to a maximum of Rs. 1.00 crore, for setting up the DTC.

(b) **Publicity and awareness campaigns**

- **Spreading Awareness through TV, Films, Radio Spots and Print media:** The Ministry has been making various efforts to make road safety a social Movement. The Government has been undertaking various publicity measures in the form of telecasting on T.V, Radio, Cinema, printing calendars with road safety messages as also by conducting seminars & exhibitions on road safety with messages for various segments of road users viz. Pedestrians, cyclists, school children, heavy vehicle drivers, etc.
- **Appointment of Shri Akshay Kumar as Road Safety Brand Ambassador:** Launched three short films for generating public awareness towards road safety.

- **Road Safety Awareness Workshops Conducted in States:** Ministry has sponsored State Governments led 14 workshops for sensitization of stakeholders on road safety in different States.
- **Involvement of NGOs and other Stakeholders:** Road safety is an issue that can only be addressed together with all stakeholders-State Government, Corporate houses, Auto industry and their associations, Universities, institutions, Non-Governmental Organizations and the society at large. Therefore, the ministry has decided to associate NGOs to create awareness about road safety among general public. Road Safety advocacy activities to 203 NGOs have been sanctioned by the Ministry during the financial year 2018-19. The Ministry observes National Road Safety Week every year with the objective of creating awareness on road safety. 29th Road Safety week was observed in April, 2018.
- **Research in Road Safety:** The Government encourages increased activity in programmes of road safety research by identifying priority areas, funding, research in those areas adequately and establishing centres of excellence in research and academic institutions. The Government will facilitate dissemination of the result of research and identified examples of Good practice through publication, training, conferences, workshops and websites.

8.1.2. Engineering (both of roads and vehicles) measures:

Road engineering measures taken by the ministry are as follows:

- a. **Identification and rectification of accident black spots:** High Priority has been accorded for identification and rectification of black spots (accidents prone spots on National Highways). Concerted efforts towards improvement of road safety through engineering measures on National Highways have been made. 789 black spots based on fatalities in 2011, 2012, 2013 & 2014 calendar years have been identified and notified with unique ID numbers assigned to each of the spots. Guidelines have been prepared and notified for investigation and rectification of the road accident black spots on National Highways. So far 362 spots have already been rectified. Rectification measures at 230 spots have been sanctioned which are in various stages of implementation, 36 are in bidding stage. 139 spots are on state Government roads/with other agencies. The balance 22 spots would be taken up separately or would be rectified as part of ongoing projects.
- b. As investigation, design of rectification measures at the black spots is a time taking process, it was **decided to install immediate cautionary measures to alert and caution the road users** about the road accident black spot through signs, solar blinkers and speed reduction measures till the black spots are rectified through long term permanent measures. Ministry has delegated Powers to Regional Officers of MORTH for technical approval to the detailed estimates for rectification of identified Road Accident black spots for expediting the rectification Process to ensure safety of road users.

- c. **Road Safety Audits:** Detailed guidelines for taking up road safety audits on National Highways have been notified. Road safety has been made an integral part of road design at planning stage itself. Road Safety Audits at different stages have been made part and parcel of all road development projects on EPC and BOT modes. Ministry has issued circular which makes it mandatory to carry out road safety audit for all new road projects having length of 5 km or more at the stage of Detail Project Report (DPR)/Engineering Design. Out of total 46,651 kms of NHs under NHAI, total 26,811 kms of National Highways have been audited.
- d. **Installation of crash barriers:-** Roadside Safety Crash barriers are installed at roadside hazards as per provisions mentioned in “Manual of specifications and standards for 2/4/6-lane highways”. Provision of crash barriers at all the required locations is an integral part of NH development/improvement project. Moreover, Ministry has also taken up installation of crash barriers on National Highways in hilly states at accident prone locations. A report of different aspects of identification of stretches and installation of selected type of crash barriers has been prepared and circulated. So far installation of crash barrier for length of 280 km has been sanctioned.
- e. **Training and capacity building:** Ministry of Road Transport & Highways supports the idea of capacity building in the field of road safety. An audit of road safety is essential to reduce the possibility of road accidents through corrective measures. A certification course for Road Safety Auditors was conducted by IAHE and 54 auditors have been certified.
- f. **Speed control:** Mandatory sign boards are provided to indicate the speed limit on NH/expressways stretches. Moreover, traffic calming measures are also provided to reduce the speed of vehicles. Further a new code naming Guidelines for traffic calming measures in Urban and Rural area IRC- 99-2018 has been issued by IRF for measures to be adopted for traffic calming. National maximum speed limit has been notified as per vehicle, road category and area on 6th April, 2018. Further, NHAI is taking several road engineering/traffic calming measures to curb speed on minor roads/NHs as per the codal provisions contained in IRC:99-2018, such as
- rumble strips or bar marking at the approaches of the major junctions on NHs,
 - speed limit signs at desired locations of NHs network,
 - speed breaker and associated signage on side roads,
 - flashing amber beacons for traffic approaching a junction or a mid-block median opening of NHs.
- g. **Vehicular engineering measures :** The Government is taking steps to ensure that safety features are built in at the stage of design, manufacture, usage, operation and

maintenance of both motorized and non-motorized vehicles in line with international standards and practices in order to minimize adverse safety and environmental effects of vehicle operation on road users (including pedestrians and bicyclists) and infrastructure. Prominent among various notification issued by the Ministry in this regard are as follows:

- i. **Compulsory Anti-lock Braking System(ABS) System in M1, M2 Categories and two wheeler:** ABS made compulsory from 1st April, 2018 in new vehicles and from 1st April, 2019 in existing vehicles of the M1, M2 and two wheeler.
- ii. **Automatic Head Light On:** In a bid to make roads safer for two-wheelers in India, the Ministry has mandated 'Automatic Headlamp On' (AHO) in two wheelers.
- iii. **Crash Tests:** The crash tests for all the light motor vehicles have been notified by the Ministry for implementation.
- iv. **Air Bags:** AIS- 145 safety norms kicked in from July 1st 2019 and make it mandatory to have fitment of driver Air Bags, seatbelt reminder for driver and co driver, rear parking sensors and an overall speed alert on all the LMV passenger vehicles.
- v. **Bus Body Code:** Ministry has notified the bus body code.
- vi. **Truck Body Code:** Ministry has notified the truck body code.
- vii. **Speed Alert System in Cars:** All cars manufactured after July 1, 2019, will have to be equipped alert systems for speeds beyond 80kmph.
- viii. **Red Beacon Lights:** With a view to strengthening healthy democratic values in the country, MoRTH has notified doing away with beacons of all kinds atop all categories of vehicles in the country, except those connected with emergency, operation & relief services, etc.

8.1.3 Enforcement measures:

- a. **Good Samaritans guidelines:** To protect the Good Samaritans from harassment on the actions being taken by them to save the life of the road accident victims, the Ministry of Road Transport & Highways have issued guidelines vide Notification dated 12th May, 2015 to be followed by hospitals, police and all other authorities for the protection of Good Samaritan. Further, Ministry has also issued Standard Operating Procedure (SOP) for the examination of Good Samaritans by the Police or during trial vide notification date 21.01.2016. Both the guidelines have been mandated by Hon'ble Supreme Court of India with slight modifications. Therefore, People need not hesitate to help the road accident victims to reach the nearest hospital, in case they come across one.

- b. Enforcement of Road Safety Laws:** Enforcement of traffic rules and motor vehicle rules are extremely important components of road safety and accident mitigation measures which are under the purview of State Policy and Transport Departments. The data has unambiguously demonstrated the prevalence of unlawful behavior on the roads such as drunker driving over-speeding, red light jumping; lack of lane discipline etc. thereby causing accidents; injuries and fatalities. Motor Vehicle (Amendment) Bill 2017 had made provision for stricter penalties for various traffic rules, violations with the objective of strengthening enforcement and ensuring greater compliance. Further, it will actively encourage establishment and strengthening of Highway Patrolling on National and State Highway Patrolling on National and State Highways in cooperation with State Government and UT Administrations.
- c. Inspection and Certification centre:** The Ministry implements a scheme for setting up of one model Inspection and Certification centre in each State/UT for automated fitness check of vehicles. Till date, 22 I & C centre have been sanctioned by the Ministry.

8.1.4 Emergency (Post-crash response and Trauma Care)

- a. Emergency Medical Services for road Accidents:** The Government will strive to ensure that all persons involved in road accidents benefit from speedy and effective trauma care and management. The essential functions of such a service would include the provision of rescue operation and administration of first aid at the site of an accident and the transport of the victim from accident site to nearby hospital. Hospitals alongside the National Highways and State Highways would be adequately equipped to provide for trauma care and rehabilitation.
- b. Incident Management System on NH:** Incident management system is provided on NH through the contract/concession agreement of the Contractor/Concessionaire. The facilities of patrol vehicle, recovery crane and ambulance with trained paramedics are provided. Further, NHAI is doing incident management with the following on-road units:
- Ambulances :466
 - Patrol Vehicles : 509
 - Tow-away Cranes:443

8.1.5 Recent Specific Measures mandated by MORTH -

(a) Driver Training-

- i. Ministry has mandated that certificate of fuel efficient driving training issued by driving school or establishment must be submitted for applying for driving licence for Heavy Duty vehicles. (vide G.S.R 454(E) dated 15.05.2018)

(b) Vehicular engineering measures-

- i. Ministry has mandated fully built buses to comply with AIS 153 from 01st April,

2019 in order to bring the quality of buses as per International standards,. (vide G.S.R 367 (E) dated 13.04.2018)

- ii. Self-certification of Bus body code- Ministry has notified the Form 22B and the process to certify the buses by the bus body builders that it is built as per bus body code. (vide G.S.R 368 (E) dated 13.04.2018)
- iii. The Ministry has notified standards for Electric Power Train vehicles and Adaptive Front Lighting System. (vide S.O 2210(E) dated 01.06.2018)
- iv. The Ministry has notified standards for Safety of Quadricycles and component used in Quadricycles (vide S.O 2211(E) dated 01.06.2018)
- v. The Ministry has increased the Speed Limit on Highways considering the advancement in infrastructure of Roads in India. (vide S.O 1522(E) dated 06.04.2018)
- vi. The Ministry has notified the Safe axle weight of three axle articulated – Heavy Passenger Vehicle (S.O 1596(E) dated 13.04.2018)
- vii. This Ministry vide notification S.O 3467 (E) dated 16th July 2108 and S.O.3881 (E) dated 6th august 2018 has specified the maximum permissible weight for different configurations of the axles. In order to clarify its impact on the gross vehicle weight (GVW) on vehicles with different axle combinations, a revised illustrative table has been prepared as a guideline for enforcement agencies.
- viii. The Ministry has notified Motor Vehicles (Vehicle Location Tracking Device and Emergency Button) Order, 2018 and timelines for implementation of fitment of Vehicle Location Tracking Device and panic Buttons.
- ix. The Ministry has notified standards for light and light signaling (vide S.O. 6108 dated 10 December 2018)
- x. The Ministry has notified standards for Anti Lock Braking System for vehicles (vide GSR 173(E) dated 1st March 2019)
- xi. The Ministry has notified additional features for fully built buses (vide GSR 246 (E) dated 29 March 2019)

c. Enforcement Measures-

Ministry has amended the Second Schedule of CMVR, 1989. The Compensation payable in case of Death will be five lakh rupee and minimum compensation in case of permanent disability of any kind should not be less than fifty thousand rupees.

Section – 9

PROVISION OF MOTOR VEHICLES AMENDMENT ACT, 2019

9.0 The Motor Vehicles Amendment Bill, 2019 was passed by both the Houses of Parliament in August 2019 and has now become an Act. The much needed amendments will improve road safety, facilitate citizens in their dealings with transport departments, strengthen rural transport, public transport and last mile connectivity through automation, computerization and online services and provide an efficient, safe and corruption free transport system in the country.

9.1 Some of the important areas of amendment are as follows:

i. Road Safety

In the area of road safety, the Act proposes to increase penalties to act as deterrent against traffic violations. Stricter provisions are being proposed in respect of offences like juvenile driving, drunken driving, driving without licence, dangerous driving, over-speeding, overloading etc. Stricter provisions for helmets have been introduced along with provisions for electronic detection of violations. Penalty regarding motor vehicles is to be increased by 10 % every year. The comparative picture of the penalties under different sections is given in the Table below:

Proposed Amendments in Various Penalties under Motor Vehicles Amendment Act – 2019

Section		Old Provision / Penalty	New Proposed Provision / Minimum Penalties
177	General	Rs 100	Rs 500
New 177A	Rules of road regulation violation	Rs 100	Rs 500
178	Travel without ticket	RS 200	Rs 500
179	Disobedience of orders of authorities	Rs 500	Rs 2,000
180	Unauthorized use of vehicles without licence	Rs 1,000	Rs 5,000
181	Driving without licence	Rs 500	Rs 5,000
182	Driving despite disqualification	Rs 500	Rs 10,000
182 B	Oversize vehicles	New	Rs 5,000
183	Over speeding	Rs 400	Rs 1,000 for LMV Rs 2,000 for Medium passenger vehicle
184	Dangerous driving penalty	Rs 1,000	Upto Rs 5,000
185	Drunken driving	Rs 2,000	Rs 10,000
189	Speeding / Racing	Rs 500	Rs 5,000
192 A	Vehicle without permit	upto Rs 5,000	Upto Rs 10,000
193	Aggregators (violations of licencing conditions)	New	Rs 25,000 to Rs 1,00,000
194	Overloading	Rs 2,000 and Rs 1,000 per extra tonne	Rs 20,000 and Rs 2,000 per extra tonne
194 A	Overloading of passengers		Rs 1,000 per extra passenger
194 B	Seat belt	Rs 100	Rs 1,000
194 C	Overloading of two wheelers	Rs 100	Rs 2,000, Disqualification for 3 months for licence
194 D	Helmets	Rs 100	Rs 1,000 Disqualification for 3 months for licence
194 E	Not providing way for emergency vehicles	New	Rs 10,000
196	Driving Without Insurance	RS 1,000	Rs 2,000

Proposed Amendments in Various Penalties under Motor Vehicles Amendment Act – 2019

Section		Old Provision / Penalty	New Proposed Provision / Minimum Penalties
199	Offences by Juveniles	New	Guardian / owner shall be deemed to be guilty. Rs 25,000 with 3 yrs imprisonment. For Juvenile to be tried under JJ Act. Registration of Motor Vehicle to be cancelled
206	Power of Officers to impound documents		Suspension of driving licenses u/s 183, 184, 185, 189, 190, 194C, 194D, 194E
210 B	Offences committed by enforcing authorities		Twice the penalty under the relevant section

ii. Vehicle Fitness

- Automated fitness testing for vehicles has been made mandatory. This would reduce corruption in the transport department while improving the road worthiness of the vehicle.
- Penalty has been provided for deliberate violation of safety/environmental regulations as well as for body builders and spare part suppliers.
- The process for testing and certification for automobiles is proposed to be regulated more effectively.
- The testing agencies issuing automobile approvals have been brought under the ambit of the Act and standards will be set for motor vehicle testing institutes.
- The Act also provides for compulsory recall of defective vehicles and power to examine irregularities of vehicle companies.

iii. Recall of Vehicles

The Act allows the central government to order for recall of motor vehicles if a defect in the vehicle may cause damage to the environment, or the driver, or other road users. The manufacturer of the recalled vehicle will be required to:

- a) reimburse the buyers for the full cost of the vehicle, or
- b) replace the defective vehicle with another vehicle with similar or better specifications.

iv. Road Safety Board

A National Road Safety Board, to be created by the central government through a notification to advise the central and state governments on all aspects of road safety and traffic management including standards of motor vehicles, registration and licensing of vehicles, standards for road safety, and promotion of new vehicle technology.

v. Protection of Good Samaritan

The Act lays down the guidelines and provides rules to prevent harassment of Good

Samaritan (a person who renders emergency medical or non-medical assistance to a victim at the scene of an accident) to encourage people to help road accident victims.

vi. Cashless Treatment during Golden Hour

The Act provides for a scheme for cashless treatment of road accident victims during golden hour.

vii. Third Party Insurance

- The Act has included the driver's attendant in 3rd Party insurance with no cap on liability of insurers.
- There will be a 10 time increase in insurance compensation, from Rs 50,000 to Rs 5 lakh.
- Claim process has been simplified.
- Insurance firms have to pay claims within a month, if the victim's family agree to accept Rs 5 lakh compensation.
- The minimum compensation increased for hit and run cases from Rs 25,000 to two lakh rupees in case of death, and from Rs 12,500 to Rs 50,000 in case of grievous injury.

viii. Motor Vehicle Accident Fund

Central government to constitute a Motor Vehicle Accident Fund, to provide compulsory insurance cover to all road users in India which will be utilised for: treatment of persons injured in road accidents as per the golden hour scheme, compensation to representatives of a person who died in a hit and run accident, compensation to a person grievously hurt in a hit and run accident, and compensation to any other persons as prescribed by the central government.

ix. Improving Services using e-Governance

One of the major focuses of this Act is to improve delivery of services to the stakeholders using e-Governance which would inter-alia include

(a) Provision for online driving licenses :

- i) Learners licenses to be provided online with mandatory online identity verification based on Aadhar card. Driving Licences and driving test of the applicant will be computerized to avoid fake Driving License.
- ii) Driving test will be computerized to avoid fake Driving license and to bring transparency in RTO offices.
- iii) Commercial licenses will be valid upto five instead of three years.
- iv) Application for renewal can be made one year prior to or after licence lapses.

v) Driver Training Schools will be opened so that more efficient drivers may be available.

(b) Process of Vehicle Registration

- i) To improve the registration process for new vehicles, registration at the end of the dealer is being enabled and restrictions have been imposed on temporary registration. The vehicle owners may register their vehicle anywhere in the state and process of registration will be done by dealers. Provisions for inspection of the vehicle by RTO to be ensured..
- ii) Checking of fitness of vehicles will be computerised and laws for scrapping of old vehicle put in place
- iii) National Register for Driving Licence and National Register for Vehicle registration through “Vahan” & “Sarathi” platforms to be created to bring harmony in the registration and licensing process across the country. Now since the National Register is in place, transfer of vehicle from one city to another will be easier and the stolen vehicles will not get registered.

(c) Drivers Training

- i) The driving training process has been strengthened enabling faster issuance of transport licenses. This will help in reducing the shortage of commercial drivers in the country. More and more drivers training schools and vehicle fitness centres will be opened
- ii) To facilitate transport solutions for Divyang, bottlenecks have been removed in respect of grant of driving licenses as well as alterations in the vehicles to make it fit for their use.

(d) Reforms in Transportation System

The central government may develop a National Transportation Policy, with the concurrence of state governments. The Policy will: (i) establish a planning framework for road transport, (ii) develop a framework for grant of permits, and (iii) specify priorities for the transport system, among other things. This provision will enable better last mile connectivity, rural transport and development of an integrated Transport System.

(e) Taxi aggregators:

The Act defines aggregators as digital intermediaries or market places which can be used by passengers to connect with a driver for transportation purposes (taxi services). The Act provides guidelines for Aggregators. At present there are no rules in many states for regulating aggregators, taxis etc. The Act will enable States to issue licenses to the aggregators. Further, the aggregators must comply with the Information Technology Act, 2000.

ANNEXURES

Road Accidents, Persons Killed and Injured: 1970-2018

Sources: 1 Accidents - State Police Authorities

3. Population: As per projections of Registrar General of India

2. Population: As per projections of Registrar General of India

3. Road Length - Basic Road Statistics (M/o Road Transport & Highways)

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

5. Data for Road Length and Registered Motor Vehicles is for the financial

6. Data for Road Accident is for the calendar year

load length and registered motor vehicles for the year 2018 are not available.

Two original and registered motor vehicles for the year 2010 are not available

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

Total Number of Road Accidents in India: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Road Accidents during						Share of States/UTs in Total Number of Road Accidents						Total Number of Accidents Per Lakh Population						Total Number of Road Accidents per						
		2015	2016	2017	2018	Number	Rank	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	
		2015	2016	2017	2018	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2015	2016	2017	2018	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2015	2016	2017	2018		
1	Andhra Pradesh	24258	24888	25727	24475	7	4.8	5.2	5.5	5.2	27.7	28.2	28.9	27.3	30.8	28.5	26.7	1355.0	1427.3	1457.8	1457.8	2015	2016	2017	2018	
2	Arunachal Pradesh	284	249	241	277	30	0.1	0.1	0.1	0.1	21.9	19.0	18.2	20.7	18.8	9.4	13.4	112.0	81.1	65.1	65.1	2015	2016	2017	2018	
3	Assam	6959	7435	7170	8248	16	1.4	1.5	1.5	1.8	21.7	22.9	21.9	24.9	27.7	26.4	23.7	213.1	225.6	212.3	212.3	2015	2016	2017	2018	
4	Bihar	9555	8222	8855	9600	15	1.9	1.7	1.9	2.1	9.3	7.9	8.4	9.0	20.0	15.0	14.2	463.8	398.2	422.6	422.6	2015	2016	2017	2018	
5	Chhattisgarh	14446	13580	13563	13864	11	2.9	2.8	2.9	3.0	56.5	52.5	51.8	52.3	33.5	28.2	25.9	148.1	141.7	1386.2	1386.2	2015	2016	2017	2018	
6	Goa	4338	4304	3917	3709	21	0.9	0.8	0.8	0.8	222.1	217.7	193.6	179.4	40.0	37.2	31.6	2966.4	2679.4	2351.3	2351.3	2015	2016	2017	2018	
7	Gujarat	23183	21859	19081	18769	10	4.6	4.5	4.1	4.0	37.3	34.8	30.0	29.2	12.4	10.7	8.7	127.8	1220.2	1054.6	1054.6	2015	2016	2017	2018	
8	Haryana	11174	11234	11258	11238	14	2.2	2.3	2.4	2.4	41.3	40.9	40.4	39.8	14.1	13.0	12.0	241.4	214.1	2317.1	1383.3	2015	2016	2017	2018	
9	Himachal Pradesh	3010	3168	3110	22	0.6	0.7	0.7	0.7	0.7	42.8	44.7	43.5	43.2	27.9	27.0	23.0	541.4	568.2	495.8	495.8	2015	2016	2017	2018	
10	Jammu & Kashmir	5836	5501	5624	5978	19	1.2	1.1	1.2	1.3	47.5	44.3	44.8	47.2	46.9	40.3	37.2	1492.7	1106.5	887.3	887.3	2015	2016	2017	2018	
11	Jharkhand	5162	4932	5198	5394	20	1.0	1.0	1.1	1.2	15.5	14.7	15.3	15.6	25.0	19.9	15.4	1208.8	738.5	743.9	743.9	2015	2016	2017	2018	
12	Karnataka	44011	44403	42542	41707	4	8.8	9.2	9.2	8.9	71.2	71.2	67.6	65.7	29.8	27.3	23.8	1367.6	1285.1	1178.3	1178.3	2015	2016	2017	2018	
13	Kerala	39014	39420	38470	40181	5	7.8	8.2	8.3	8.6	110.0	110.0	110.5	107.2	111.4	40.4	38.8	34.0	2002.2	1963.1	1599.2	1599.2	2015	2016	2017	2018
14	Madhya Pradesh	54947	53399	51397	2	11.0	11.2	11.5	11.0	11.0	71.6	69.3	67.6	64.2	49.3	48.4	40.5	1901.7	1861.5	1558.4	1558.4	2015	2016	2017	2018	
15	Maharashtra	63805	39878	35853	35717	6	12.7	8.3	7.7	7.6	53.8	33.2	29.5	29.1	25.0	14.3	11.9	1049.2	650.0	574.6	574.6	2015	2016	2017	2018	
16	Manipur	671	538	578	601	25	0.1	0.1	0.1	0.1	26.2	20.8	22.1	22.7	21.8	17.6	17.0	276.7	217.1	209.3	209.3	2015	2016	2017	2018	
17	Meghalaya	606	620	675	399	28	0.1	0.1	0.1	0.1	22.1	22.4	24.1	24.1	22.7	11.1	11.6	453.2	285.4	294.3	294.3	2015	2016	2017	2018	
18	Mizoram	70	83	68	53	35	0.0	0.0	0.0	0.0	6.7	7.8	6.3	4.9	4.6	4.8	3.6	71.2	102.4	61.8	61.8	2015	2016	2017	2018	
19	Nagaland	54	75	531	430	27	0.0	0.0	0.1	0.1	2.3	3.2	2.2	1.7	1.6	2.0	12.9	14.5	20.8	14.6	14.6	2015	2016	2017	2018	
20	Odisha	10542	10532	10855	11262	13	2.1	2.2	2.3	2.4	25.0	24.8	25.4	26.1	20.2	18.1	16.6	371.6	365.6	357.5	357.5	2015	2016	2017	2018	
21	Punjab	6702	6952	6273	6428	18	1.3	1.4	1.3	1.4	23.2	23.9	21.4	21.7	10.7	7.7	6.4	636.1	641.5	449.7	449.7	2015	2016	2017	2018	
22	Rajasthan	24072	23066	22112	21743	9	4.8	4.8	4.8	4.7	33.4	31.6	29.9	29.0	19.4	16.9	14.8	970.0	907.1	832.5	832.5	2015	2016	2017	2018	
23	Sikkim	219	210	196	180	32	0.0	0.0	0.0	0.0	34.2	32.5	30.0	27.3	50.7	42.9	36.2	294.0	294.0	254.8	254.8	2015	2016	2017	2018	
24	Tamil Nadu	69059	71431	65562	63920	1	13.8	14.9	14.1	13.7	100.0	102.9	94.0	91.3	30.7	29.5	25.1	2644.9	2736.5	2507.8	2507.8	2015	2016	2017	2018	
25	Telangana	21252	22811	22484	22230	8	4.2	4.7	4.8	4.8	NA	NA	NA	NA	27.1	26.2	22.8	2119.9	1846.0	1782.5	1782.5	2015	2016	2017	2018	
26	Tripura	647	557	503	552	26	0.1	0.1	0.1	0.1	17.1	14.6	13.0	14.1	22.9	17.4	13.1	141.5	177.2	117.2	117.2	2015	2016	2017	2018	
27	Uttarakhand	1523	1591	1603	1468	24	0.3	0.3	0.3	0.3	14.5	15.0	14.9	13.5	8.3	8.4	7.5	242.0	260.7	229.7	229.7	2015	2016	2017	2018	
28	Uttar Pradesh	323385	356112	38783	42568	3	6.5	7.4	8.3	9.1	15.1	16.3	17.5	18.9	15.0	14.9	14.8	779.6	843.1	906.0	906.0	2015	2016	2017	2018	
29	West Bengal	13298	11630	12705	12	2.6	2.8	2.5	2.7	14.2	14.5	12.3	13.4	17.8	20.9	15.6	446.2	428.8	361.1	361.1	2015	2016	2017	2018		
30	Andaman & Nicobar Islands	258	238	189	254	31	0.1	0.0	0.1	0.1	47.5	43.2	33.6	44.2	25.2	21.4	15.5	1908.3	1594.3	1168.9	1168.9	2015	2016	2017	2018	
31	Chandigarh	416	428	316	428	31	0.1	0.1	0.1	0.1	24.2	24.0	18.4	16.3	6.1	5.1	3.9	1417.4	1517.2	1212.4	1212.4	2015	2016	2017	2018	
32	Dadra & Nagar Haveli	69	70	67	80	33	0.0	0.0	0.0	0.0	16.7	16.6	15.3	17.7	6.2	6.6	6.0	797.7	617.4	564.5	564.5	2015	2016	2017	2018	
33	Daman & Diu	70	71	79	76	34	0.0	0.0	0.0	0.0	22.1	21.5	23.0	21.2	7.0	6.7	6.8	1341.0	1432.6	1853.2	1853.2	2015	2016	2017	2018	
34	Delhi	8085	7375	6673	6515	17	1.6	1.5	1.4	1.4	39.1	34.6	30.5	28.9	9.1	7.6	6.5	2521.3	4184.4	3731.6	3731.6	2015	2016	2017	2018	
35	Lakshadweep	3	1	3	36	0.0	0.0	0.0	0.0	0.0	3.8	1.2	3.6	2.1	0.6	0.6	0.6	140.2	47.8	47.1	47.1	2015	2016	2017	2018	
36	Puttucherry	1530	1766	1693	1597	23	0.3	0.4	0.4	0.3	94.1	105.8	97.7	88.8	19.1	20.5	18.2	4980.2	5221.8	5221.8	5221.8	2015	2016	2017	2018	
	Total	501423	480652	464910	467044	1000	100.0	100.0	100.0	100.0	38.3	37.9	36.2	36.0	20.9	18.4	1051.3	930.3	930.3	930.3	2015	2016	2017	2018		

*: Figures of road length and registered motor vehicles for the year 2018 are not finalised.

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

Total Number of Persons Killed in Road Accidents in India: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents		Share of States/UTs in Total Number of				Total Number of Persons Killed in				Total Number of Persons Killed in									
		2015	2016	2017	2018	Number	Rank	2015	2016	2017	2018	2015	2016	2017	2018						
1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	19	20	22	23	24		
1	Andhra Pradesh	82977	8541	8060	7556	8	5.7	5.4	5.0	9.5	9.1	8.4	10.5	9.8	8.4	463.5	489.8	456.7			
2	Arunachal Pradesh	127	149	110	175	27	0.1	0.1	0.1	0.1	9.8	11.3	8.3	13.0	8.4	5.6	6.1	50.1	48.5	29.7	
3	Assam	23977	2572	2783	2966	18	1.6	1.7	2.0	7.5	7.9	8.5	8.9	9.6	9.1	9.2	73.4	78.1	82.4		
4	Bihar	5421	4901	5554	6729	9	3.7	3.3	3.8	4.4	5.3	4.7	5.3	6.3	11.3	8.9	8.9	263.1	237.4	265.0	
5	Chhattisgarh	4082	3908	4136	4592	15	2.8	2.6	2.8	3.0	16.0	15.1	15.8	17.3	9.5	8.1	7.9	418.5	407.9	422.7	
6	Goa	311	336	328	262	23	0.2	0.2	0.2	0.2	15.9	17.0	16.2	12.7	2.9	2.6	2.6	212.7	209.2	196.9	
7	Gujarat	8119	8136	7289	7996	7	5.6	5.4	4.9	5.3	13.1	13.0	11.5	12.5	4.3	4.0	3.3	445.4	454.2	402.9	
8	Haryana	4879	5024	5120	5118	13	3.3	3.3	3.5	3.4	18.0	18.3	18.4	18.1	6.2	5.8	5.5	1054.1	1036.3	629.1	
9	Himachal Pradesh	1096	1271	1203	1208	20	0.8	0.8	0.8	0.8	15.6	15.6	16.8	16.8	10.2	10.8	8.9	197.1	227.9	191.5	
10	Jammu & Kashmir	917	958	926	984	22	0.6	0.6	0.6	0.6	7.5	7.5	7.4	7.4	7.0	6.1	6.1	234.6	192.7	146.1	
11	Jharkhand	2893	3027	3256	3542	17	2.0	2.0	2.2	2.3	8.7	9.0	9.6	10.3	14.0	12.2	9.6	677.4	453.2	466.0	
12	Karnataka	10856	11133	10609	10990	4	7.4	7.4	7.2	7.3	17.6	17.8	16.9	17.3	7.3	6.8	5.9	337.3	322.2	293.8	
13	Kerala	4196	4287	4131	4303	16	2.9	2.8	2.8	2.8	11.8	12.0	11.5	11.9	4.3	4.2	3.7	215.3	213.5	171.7	
14	Madhya Pradesh	9314	9646	10177	10706	5	6.4	6.4	6.9	7.1	12.1	12.4	12.9	13.4	8.4	8.7	7.7	322.4	332.7	297.0	
15	Maharashtra	13212	12935	12264	13261	2	9.0	8.6	8.3	8.8	11.1	10.8	10.1	10.8	5.2	4.6	4.1	217.3	210.9	196.5	
16	Manipur	139	81	136	134	28	0.1	0.1	0.1	0.1	5.4	3.1	5.2	5.1	4.5	2.6	4.0	57.3	32.7	49.3	
17	Meghalaya	183	150	182	26	0.1	0.1	0.1	0.1	6.7	5.4	6.5	6.4	6.9	2.7	3.1	136.9	69.0	79.3		
18	Mizoram	72	70	60	45	32	0.0	0.0	0.0	0.0	6.9	6.6	5.6	4.1	4.8	4.1	3.2	73.2	86.3	54.5	
19	Nagaland	30	46	41	39	33	0.0	0.0	0.0	0.0	1.3	1.9	1.7	1.6	0.9	1.2	1.0	8.1	12.7	11.3	
20	Odisha	4303	4463	4790	5315	12	2.9	3.0	3.2	3.5	10.2	10.5	11.2	12.3	8.2	7.7	7.3	151.7	154.9	157.7	
21	Punjab	4893	5077	4463	4740	14	3.3	3.4	3.0	3.1	17.0	17.4	15.2	16.0	7.8	5.6	4.5	464.4	468.5	319.9	
22	Rajasthan	10510	10465	10444	10320	6	7.2	6.9	7.1	6.8	14.6	14.3	14.1	13.8	8.5	7.7	7.0	423.5	411.6	393.2	
23	Sikkim	70	85	78	85	30	0.0	0.1	0.1	0.1	10.9	13.1	11.9	12.9	16.2	17.3	14.4	94.0	103.1	68.5	
24	Tamil Nadu	15642	17218	16157	12216	3	10.7	11.4	10.9	8.1	22.7	24.8	23.2	17.4	6.9	7.1	6.2	599.1	659.6	618.0	
25	Telangana	7110	7219	6596	6603	10	4.9	4.8	4.5	4.4	NA	NA	NA	NA	9.1	8.3	6.7	709.2	584.2	522.9	
26	Tripura	158	173	161	213	25	0.1	0.1	0.1	0.1	4.2	4.5	4.2	5.5	5.6	5.4	4.2	42.3	43.9	37.5	
27	Uttarakhand	913	962	942	1047	21	0.6	0.6	0.7	0.7	8.7	9.0	8.8	9.6	5.0	5.1	4.4	145.0	157.7	135.0	
28	Uttar Pradesh	17666	19320	20124	22256	1	12.1	12.8	13.6	14.7	8.2	8.9	9.1	9.9	8.2	8.1	7.7	425.3	457.4	470.1	
29	West Bengal	6234	6544	5769	5711	11	4.3	4.3	3.9	3.8	6.7	7.0	6.1	6.0	8.4	10.1	7.7	210.6	206.6	179.1	
30	Andaman & Nicobar Islands	23	17	21	19	35	0.0	0.0	0.0	0.0	4.2	3.1	3.7	3.3	2.2	1.5	1.7	170.1	113.9	129.9	
31	Chandigarh	129	151	107	98	29	0.1	0.1	0.1	0.1	7.5	8.5	5.8	5.0	1.9	1.8	1.2	439.5	535.3	379.3	
32	Dadra & Nagar Haveli	42	46	43	54	31	0.0	0.0	0.0	0.0	10.1	10.9	9.8	11.9	3.8	4.4	3.9	485.5	405.7	362.3	
33	Daman & Diu	42	38	35	34	0.0	0.0	0.0	0.0	13.2	11.5	10.5	9.7	4.2	3.6	3.1	804.6	766.7	844.5		
34	Delhi	1622	1591	1584	1690	19	1.1	1.1	1.1	1.1	7.8	7.5	7.2	7.5	1.8	1.6	1.5	505.8	902.7	885.8	
35	Lakshadweep	0	1	0	1	1	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	47.8	0.0		
36	Puducherry	235	244	233	226	24	0.2	0.1	14.5	14.6	13.4	12.6	2.9	2.8	2.5	764.9	768.8	718.7			
	Total	146133	150785	147913	151417	100.0	100.0	100.0	100.0	11.7	11.5	11.7	7.0	6.6	5.8	319.6	320.6	296.0			

*: Figures of road length and registered motor vehicles for the year 2018 are not finalised.

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

Total Number of Persons Injured in Road Accidents in India: 2015 to 2018

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 Per						Total Number of Persons injured in Road						Total Number of Persons injured in Road Accidents per				
		2015			2016			2017			2018			2015		2016		2017		2018		2015		2016		2017		
				Number			Rank																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21								
1	Andhra Pradesh	29439	30051	27475	23456	8	5.9	6.1	5.8	5.0	33.6	34.0	30.9	26.2	37.3	34.4	28.5	1644.4	1723.4	1556.9								
2	Arunachal Pradesh	359	391	316	323	29	0.1	0.1	0.1	0.1	27.6	29.8	23.8	24.1	23.7	14.8	17.6	141.6	127.4	85.3								
3	Assam	7068	6127	6163	7375	16	1.4	1.2	1.3	1.6	22.0	18.9	18.8	22.2	28.2	21.7	20.3	216.5	185.9	182.5								
4	Bihar	6835	5651	6014	6679	17	1.4	1.1	1.3	1.4	6.7	5.4	5.7	6.3	14.3	10.3	9.6	331.8	273.7	287.0								
5	Chhattisgarh	13426	12955	12550	12715	11	2.7	2.6	2.7	2.7	52.5	50.1	47.9	48.0	31.1	26.9	23.9	1376.5	1352.2	1282.6								
6	Goa	2055	2026	1922	1549	24	0.4	0.4	0.3	0.3	105.2	102.5	95.0	74.9	19.0	17.5	15.5	1405.2	1261.3	1153.7								
7	Gujarat	21448	19949	16802	17467	10	4.3	4.0	3.6	3.7	34.5	31.8	26.4	27.2	11.5	9.8	7.6	1176.6	1113.6	928.7								
8	Haryana	10794	10531	10339	10020	14	2.2	2.1	2.1	39.9	38.3	37.1	35.5	13.6	12.2	11.0	232.0	2172.1	1270.4									
9	Himachal Pradesh	5108	5764	5452	5551	19	1.0	1.2	1.2	1.2	72.6	81.2	76.2	77.0	47.4	49.0	40.2	918.8	1033.7	868.0								
10	Jammu & Kashmir	8142	7692	7419	7845	15	1.6	1.6	1.6	1.7	66.3	61.9	59.1	61.9	65.4	56.3	49.1	2082.6	1547.2	1170.5								
11	Jharkhand	4038	3793	3918	3975	20	0.8	0.8	0.8	0.8	12.2	11.3	11.5	11.5	19.5	15.3	11.6	945.6	567.9	560.8								
12	Karnataka	56971	54556	52961	51562	3	11.4	11.0	11.0	11.0	92.2	87.5	84.2	81.3	38.5	33.5	29.6	1770.3	1579.0	1466.9								
13	Kerala	43735	44108	42671	45458	4	8.7	8.9	9.1	9.1	123.3	123.6	119.0	126.1	45.3	43.4	37.8	2244.5	2196.5	1773.8								
14	Madhya Pradesh	55815	57873	57532	54662	2	11.2	11.7	12.2	11.6	72.7	74.3	72.9	68.3	50.1	51.9	43.6	1931.8	1996.0	1679.0								
15	Maharashtra	39606	35884	32128	31365	5	7.9	7.3	6.8	6.7	33.4	29.9	26.4	25.5	15.5	12.9	10.6	651.3	585.0	514.9								
16	Manipur	1201	955	1027	1042	25	0.2	0.2	0.2	0.2	46.9	36.8	39.2	39.4	39.1	31.2	30.2	495.3	385.5	371.9								
17	Meghalaya	319	354	354	205	32	0.1	0.1	0.1	0.1	11.6	12.8	12.6	7.2	11.9	6.3	6.1	238.6	162.9	154.3								
18	Mizoram	103	68	55	80	34	0.0	0.0	0.0	0.0	9.8	6.4	5.1	7.4	6.8	4.0	2.9	104.8	83.9	49.9								
19	Nagaland	74	120	375	335	28	0.0	0.0	0.1	0.1	3.1	5.0	15.6	13.8	2.2	3.2	9.1	19.9	33.2	103.5								
20	Odisha	11825	11312	11198	11794	13	2.4	2.3	2.4	2.5	28.1	26.6	26.2	27.3	22.7	19.4	17.1	416.8	392.7	368.8								
21	Punjab	4414	4351	4218	3384	21	0.9	0.9	0.9	0.7	15.3	14.9	14.4	11.4	7.0	4.8	4.3	418.9	401.5	302.4								
22	Rajasthan	26153	24103	22071	21547	9	5.2	4.9	4.7	4.6	36.3	33.0	29.9	28.8	21.1	17.7	14.8	1053.9	947.9	831.0								
23	Sikkim	337	263	479	370	27	0.1	0.1	0.1	0.1	52.7	40.6	73.4	56.1	78.0	53.7	88.5	452.3	319.1	420.7								
24	Tamil Nadu	79746	82163	74537	1	15.9	16.6	15.8	15.9	115.5	118.4	106.9	106.4	35.4	33.9	28.6	3054.2	3147.6	2832.4									
25	Telangana	22948	24217	23990	23613	7	4.6	4.9	5.1	5.0	NA	NA	NA	NA	29.3	27.8	NA	2289.1	1959.7	1901.9								
26	Tripura	1028	853	718	741	26	0.2	0.2	0.2	0.2	27.2	22.3	18.6	19.0	36.4	26.7	18.8	275.0	216.7	167.3								
27	Uttarakhand	1657	1735	1631	1571	23	0.3	0.4	0.3	0.3	15.8	16.3	15.2	14.4	9.1	9.2	7.6	263.2	284.3	233.7								
28	Uttar Pradesh	23205	25096	27494	29664	6	4.6	5.1	5.8	6.3	10.8	11.5	12.4	13.2	10.7	10.5	10.5	558.6	594.1	642.3								
29	West Bengal	11794	11859	10091	11997	12	2.4	2.4	2.1	2.6	12.7	12.7	10.7	12.6	15.9	18.3	13.6	398.4	374.4	313.3								
30	Andaman & Nicobar Islands	331	323	263	260	31	0.1	0.1	0.1	0.1	61.0	58.6	46.7	45.2	32.4	29.1	21.6	2448.2	2163.7	1626.6								
31	Chandigarh	331	329	302	300	30	0.1	0.1	0.1	0.1	19.3	18.5	16.2	15.5	4.9	3.9	3.4	1127.8	1166.3	1070.6								
32	Dadra & Nagar Haveli	97	130	60	66	35	0.0	0.0	0.0	0.0	23.4	30.8	13.7	14.6	8.7	12.3	5.4	1121.4	1146.7	505.5								
33	Daman & Diu	64	102	70	94	33	0.0	0.0	0.0	0.0	20.2	30.9	20.3	26.2	6.4	9.7	6.0	1226.1	2058.1	1642.0								
34	Delhi	8258	7154	6604	6086	18	1.7	1.4	1.4	1.3	39.9	33.6	30.2	27.0	9.3	7.4	6.4	2575.2	4059.0	3693.0								
35	Lakshadweep	3	0	1	3	36	0.0	0.0	0.0	0.0	3.8	0.0	1.2	3.6	2.1	0.0	0.6	140.2	0.0	47.1								
36	Puducherry	1552	1786	1741	1727	22	0.3	0.4	0.4	0.4	95.4	107.0	100.5	96.1	19.3	20.7	18.7	505.9	5627.7	5369.8								
Total		500279	494624	470975	469418	100.0	100.0	100.0	100.0	39.9	39.0	36.7	36.2	23.8	21.5	18.6	1094.2	1051.7	942.4									

*: Figures of road length and registered motor vehicles for the year 2018 are not finalised.

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

Total Number of Fatal Road Accidents in States/UTs: 2015-2018

Sl. No.	States/UTs	2015	2016	2017	2018	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	7524	7851	7564	6998	8
2	Arunachal Pradesh	117	103	103	134	27
3	Assam	2122	2445	2474	2829	18
4	Bihar	4771	4425	5045	6244	9
5	Chhattisgarh	3710	3527	3878	4217	15
6	Goa	302	316	306	248	23
7	Gujarat	7332	7296	6739	7176	7
8	Haryana	4430	4636	4700	4806	13
9	Himachal Pradesh	843	1000	907	926	20
10	Jammu & Kashmir	749	734	765	809	21
11	Jharkhand	2619	2681	3034	3261	17
12	Karnataka	9888	10215	9739	10093	4
13	Kerala	3937	4064	3915	4069	16
14	Madhya Pradesh	8412	8774	9258	9721	5
15	Maharashtra	12009	11780	11220	12098	2
16	Manipur	116	78	107	122	28
17	Meghalaya	153	146	140	165	26
18	Mizoram	50	61	55	39	32
19	Nagaland	23	41	35	35	33
20	Odisha	3855	4036	4372	4861	12
21	Punjab	4357	4584	4139	4479	14
22	Rajasthan	9306	9282	9300	9295	6
23	Sikkim	61	60	60	51	31
24	Tamil Nadu	14524	16092	15061	11375	3
25	Telangana	6569	6617	6110	6051	10
26	Tripura	154	165	153	194	25
27	Uttarakhand	765	801	727	797	22
28	Uttar Pradesh	15218	16164	17706	19364	1
29	West Bengal	5779	6081	5199	5185	11
30	Andaman & Nicobar Islands	22	16	20	18	35
31	Chandigarh	124	144	103	97	29
32	Dadra & Nagar Haveli	36	40	40	52	30
33	Daman & Diu	38	32	36	34	34
34	Delhi	1582	1548	1565	1657	19
35	Lakshadweep	0	1	0	1	36
36	Puducherry	229	235	221	225	24
Total		131726	136071	134796	137726	

Severity* of Road Accidents in India (State/UT-wise): 2015 to 2018

S. No.	States/UTs	Persons Killed per 100 Accidents				
		2015	2016	2017	2018	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	34.2	34.3	31.3	30.9	24
2	Arunachal Pradesh	44.7	59.8	45.6	63.2	7
3	Assam	34.4	34.6	38.8	36.0	20
4	Bihar	56.7	59.6	62.7	70.1	4
5	Chhattisgarh	28.3	28.8	30.5	33.1	22
6	Goa	7.2	7.8	8.4	7.1	36
7	Gujarat	35.0	37.2	38.2	42.6	16
8	Haryana	43.7	44.7	45.5	45.5	14
9	Himachal Pradesh	36.4	40.1	38.6	38.8	17
10	Jammu & Kashmir	15.7	17.4	16.5	16.5	31
11	Jharkhand	56.0	61.4	62.6	65.7	6
12	Karnataka	24.7	25.1	24.9	26.4	26
13	Kerala	10.8	10.9	10.7	10.7	33
14	Madhya Pradesh	17.0	17.9	19.1	20.8	29
15	Maharashtra	20.7	32.4	34.2	37.1	19
16	Manipur	20.7	15.1	23.5	22.3	28
17	Meghalaya	30.2	24.2	27.0	45.6	13
18	Mizoram	102.9	84.3	88.2	84.9	1
19	Nagaland	55.6	61.3	7.7	9.1	34
20	Odisha	40.8	42.4	44.1	47.2	11
21	Punjab	73.0	73.0	71.1	73.7	2
22	Rajasthan	43.7	45.4	47.2	47.5	9
23	Sikkim	32.0	40.5	39.8	47.2	10
24	Tamil Nadu	22.7	24.1	24.6	19.1	30
25	Telangana	33.5	31.6	29.3	29.7	25
26	Tripura	24.4	31.1	32.0	38.6	18
27	Uttarakhand	59.9	60.5	58.8	71.3	3
28	Uttar Pradesh	54.5	54.3	51.9	52.3	8
29	West Bengal	47.2	48.2	49.6	45.0	15
30	Andaman & Nicobar Islands	8.9	7.1	11.1	7.5	35
31	Chandigarh	31.0	35.3	31.3	31.0	23
32	Dadra & Nagar Haveli	60.9	65.7	64.2	67.5	5
33	Daman & Diu	60.0	53.5	45.6	46.1	12
34	Delhi	20.1	21.6	23.7	25.9	27
35	Lakshadweep	0.0	100.0	0.0	33.3	21
36	Puducherry	15.4	13.8	13.8	14.2	32
	National Average	29.1	31.4	31.8	32.4	

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

Type of Road accidents in States/ UTs in 2018

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	6,998	4,214	8,655	4,608	24,475
2	Arunachal Pradesh	134	89	31	23	277
3	Assam	2,829	3,904	891	624	8,248
4	Bihar	6,244	2,499	493	364	9,600
5	Chhattisgarh	4,217	1,745	5,895	2,007	13,864
6	Goa	248	243	806	2,412	3,709
7	Gujarat	7,176	6,053	4,421	1,119	18,769
8	Haryana	4,806	1,562	4,684	186	11,238
9	Himachal Pradesh	926	1026	964	194	3,110
10	Jammu & Kashmir	809	2441	1,952	776	5,978
11	Jharkhand	3,261	1,726	294	113	5,394
12	Karnataka	10,093	14,945	12,745	3,924	41,707
13	Kerala	4,069	28,714	5,971	1,427	40,181
14	Madhya Pradesh	9,721	4,503	32,817	4,356	51,397
15	Maharashtra	12,098	12,648	6,585	4,386	35,717
16	Manipur	122	131	319	29	601
17	Meghalaya	165	112	93	29	399
18	Mizoram	39	6	6	2	53
19	Nagaland	35	107	128	160	430
20	Orissa	4,861	4,182	2,045	174	11,262
21	Punjab	4,479	1,225	580	144	6,428
22	Rajasthan	9,295	3,990	7,701	757	21,743
23	Sikkim	51	79	28	22	180
24	Tamil Nadu	11,375	4,724	46,610	1,211	63,920
25	Telangana	6,051	1,628	12,228	2,323	22,230
26	Tripura	194	340	13	5	552
27	Uttarakhand	797	535	106	30	1,468
28	Uttar Pradesh	19,364	14,685	6,858	1661	42,568
29	West Bengal	5,185	5,621	1,122	777	12,705
30	A & N Islands	18	53	119	64	254
31	Chandigarh	97	19	169	31	316
32	D & N Haveli	52	27	0	1	80
33	Daman & Diu	34	31	10	1	76
34	Delhi	1,657	956	3,827	75	6,515
35	Lakshadweep	1	2	0	0	3
36	Puducherry	225	546	754	72	1,597
	Total	1,37,726	1,25,311	1,69,920	34,087	4,67,044
	share	29.5	26.8	36.4	7.3	100.0

**Total number of Grevious and Minor Injured Persons in Road Accidents on all roads
during the calendar year 2018**

S.No	States/UTs	Greviously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	6467	16989	23456
2	Arunachal Pradesh	221	102	323
3	Assam	5964	1411	7375
4	Bihar	5306	1373	6679
5	Chhattisgarh	2497	10218	12715
6	Goa	346	1203	1549
7	Gujarat	9612	7855	17467
8	Haryana	2119	7901	10020
9	Himachal Pradesh	1433	4118	5551
10	Jammu & Kashmir	4169	3676	7845
11	Jharkhand	3168	807	3975
12	Karnataka	21277	30285	51562
13	Kerala	31672	13786	45458
14	Madhya Pradesh	6090	48572	54662
15	Maharashtra	20335	11030	31365
16	Manipur	302	740	1042
17	Meghalaya	112	93	205
18	Mizoram	30	50	80
19	Nagaland	144	191	335
20	Orissa	6222	5572	11794
21	Punjab	2192	1192	3384
22	Rajasthan	6717	14830	21547
23	Sikkim	196	174	370
24	Tamil Nadu	5999	68538	74537
25	Telangana	2321	21292	23613
26	Tripura	728	13	741
27	Uttarakhand	1341	230	1571
28	Uttar Pradesh	20317	9347	29664
29	West Bengal	9377	2620	11997
30	A & N Islands	59	201	260
31	Chandigarh	21	279	300
32	D & N Haveli	64	2	66
33	Daman & Diu	49	45	94
34	Delhi	1120	4966	6086
35	Lakshadweep	3	0	3
36	Puducherry	651	1076	1727
	Total	178641	290777	469418

Total Number of Road Accidents on National Highways*: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Road Accidents on National Highways during				
		2015	2016	2017	2018	
1	2	3	4	5	6	7
1	Andhra Pradesh	8477	8171	8544	8122	7
2	Arunachal Pradesh	113	95	88	89	30
3	Assam	3353	3478	3274	3963	16
4	Bihar	3227	3138	3883	4016	13
5	Chhattisgarh	4058	4042	3701	3995	15
6	Goa	1784	1438	1470	1425	21
7	Gujarat	4897	4617	4333	3997	14
8	Haryana	3509	3818	3785	4358	10
9	Himachal Pradesh	1211	1475	1460	1455	20
10	Jammu & Kashmir	1953	2122	2139	2118	18
11	Jharkhand	2007	1935	1828	1616	19
12	Karnataka	12705	14933	14217	13638	3
13	Kerala	9442	9209	8993	9161	6
14	Madhya Pradesh	11988	10709	11150	9967	4
15	Maharashtra	10839	10364	9237	9355	5
16	Manipur	404	325	372	329	25
17	Meghalaya	322	338	338	118	28
18	Mizoram	29	46	38	23	33
19	Nagaland	34	57	341	244	26
20	Odisha	4480	4214	4487	4207	11
21	Punjab	2092	2114	2533	2821	17
22	Rajasthan	6821	6567	6851	6726	8
23	Sikkim	117	90	83	64	31
24	Tamil Nadu	21902	22573	20696	19583	1
25	Telangana	5649	6166	6211	6487	9
26	Tripura	230	203	221	188	27
27	Uttarakhand	728	842	908	816	22
28	Uttar Pradesh	13802	13078	14333	16198	2
29	West Bengal	4288	4468	4158	4071	12
30	Andaman & Nicobar Islands	96	90	60	93	29
31	Chandigarh	45	47	33	46	32
32	Dadra & Nagar Haveli	0	0	0	0	34
33	Daman & Diu	6	0	9	0	34
34	Delhi	897	723	755	783	23
35	Lakshadweep	0	0	0	0	34
36	Puducherry	763	874	937	771	24
Total		142268	142359	141466	140843	

* Includes expressways

Total Number of Persons Killed in Road Accidents on National Highways*: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents on National Highways during				
		2015	2016	2017	2018	
					Number	Rank
1	2	3	4	5	6	7
1	Andhra Pradesh	3235	3006	2898	2929	7
2	Arunachal Pradesh	49	58	41	56	28
3	Assam	1427	1295	1464	1541	15
4	Bihar	2002	2014	2540	3051	6
5	Chhattisgarh	1201	1181	1152	1384	16
6	Goa	132	113	118	104	24
7	Gujarat	2136	2141	2145	2171	9
8	Haryana	1759	1845	1990	2088	11
9	Himachal Pradesh	369	478	528	470	20
10	Jammu & Kashmir	357	403	409	400	21
11	Jharkhand	1325	1222	1250	1122	18
12	Karnataka	3657	4116	3792	3986	4
13	Kerala	1368	1263	1309	1248	17
14	Madhya Pradesh	2287	2564	2521	2601	8
15	Maharashtra	3789	3887	3637	4088	3
16	Manipur	94	46	97	88	25
17	Meghalaya	89	108	111	73	27
18	Mizoram	20	45	29	15	31
19	Nagaland	10	35	27	12	32
20	Odisha	1795	1812	2123	1999	14
21	Punjab	1538	1495	1891	2085	12
22	Rajasthan	3709	3737	4066	3874	5
23	Sikkim	37	39	30	31	29
24	Tamil Nadu	5752	6255	5892	4492	2
25	Telangana	2103	2173	1954	2064	13
26	Tripura	50	68	70	77	26
27	Uttarakhand	464	503	584	631	19
28	Uttar Pradesh	7773	7469	7946	8818	1
29	West Bengal	2243	2304	2135	2150	10
30	Andaman & Nicobar Islands	4	7	7	8	33
31	Chandigarh	19	24	16	16	30
32	Dadra & Nagar Haveli	0	0	0	0	34
33	Daman & Diu	5	0	5	0	34
34	Delhi	260	238	267	263	22
35	Lakshadweep	0	0	0	0	34
36	Puducherry	146	131	137	111	23
Total		51204	52075	53181	54046	

* Includes expressways

Total Number of Persons Injured in Road Accidents on National Highways*: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents on National Highways during			
		2015	2016	2017	2018
1	2	3	4	5	6
1	Andhra Pradesh	9816	9553	8936	8251
2	Arunachal Pradesh	132	135	113	105
3	Assam	3446	2759	2813	3389
4	Bihar	2257	2034	2433	2771
5	Chhattisgarh	3585	3844	3345	3592
6	Goa	650	472	709	541
7	Gujarat	4299	3955	3062	3677
8	Haryana	3097	3157	3588	3337
9	Himachal Pradesh	1767	2435	2576	2559
10	Jammu & Kashmir	3146	2895	2554	2762
11	Jharkhand	1555	1504	1264	1223
12	Karnataka	16813	17856	17242	16503
13	Kerala	10542	10521	9990	10461
14	Madhya Pradesh	10260	11375	11616	10055
15	Maharashtra	9577	9515	8351	8457
16	Manipur	770	591	685	585
17	Meghalaya	165	206	158	36
18	Mizoram	26	39	11	32
19	Nagaland	39	85	268	180
20	Odisha	4950	4354	4487	4494
21	Punjab	1339	1287	1717	1582
22	Rajasthan	7526	7023	7085	7023
23	Sikkim	172	96	173	116
24	Tamil Nadu	26355	27844	25268	24016
25	Telangana	6239	6504	6856	7049
26	Tripura	422	304	338	227
27	Uttarakhand	713	958	940	759
28	Uttar Pradesh	9618	9197	10232	10912
29	West Bengal	4270	4096	3959	4203
30	Andaman & Nicobar Islands	119	160	123	99
31	Chandigarh	39	22	29	35
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	2	0	2	0
34	Delhi	888	650	760	704
35	Lakshadweep	0	0	0	0
36	Puducherry	747	860	939	887
Total		145341	146286	142622	140622

* Includes expressways

Total Number of Fatal Road Accidents on National Highways*: 2015-2018

Sl. No.	States/UTs	2015	2016	2017	2018	
		Number	Rank			
1	2	3	4	5	6	7
1	Andhra Pradesh	2876	2689	2694	2643	7
2	Arunachal Pradesh	47	37	39	43	28
3	Assam	1179	1190	1295	1501	15
4	Bihar	1751	1842	2327	2801	6
5	Chhattisgarh	1063	1048	1120	1220	16
6	Goa	127	103	109	98	24
7	Gujarat	1913	1919	1880	1913	13
8	Haryana	1605	1758	1680	1966	10
9	Himachal Pradesh	290	404	374	377	20
10	Jammu & Kashmir	312	317	335	333	21
11	Jharkhand	1178	1112	1130	1027	18
12	Karnataka	3276	3699	3398	3571	4
13	Kerala	1240	1178	1213	1147	17
14	Madhya Pradesh	2138	2063	2258	2349	8
15	Maharashtra	3326	3426	3198	3591	3
16	Manipur	77	45	74	79	25
17	Meghalaya	91	71	101	71	26
18	Mizoram	17	37	29	14	32
19	Nagaland	16	32	17	15	31
20	Odisha	1631	1685	1885	1939	11
21	Punjab	1348	1330	1720	1969	9
22	Rajasthan	3169	3162	3505	3372	5
23	Sikkim	32	28	23	16	30
24	Tamil Nadu	5193	5673	5315	4058	2
25	Telangana	1896	1965	1774	1863	14
26	Tripura	50	67	67	69	27
27	Uttarakhand	372	431	450	498	19
28	Uttar Pradesh	6822	6599	6923	7677	1
29	West Bengal	2057	2120	1865	1938	12
30	Andaman & Nicobar Islands	4	7	7	7	33
31	Chandigarh	18	24	15	17	29
32	Dadra & Nagar Haveli	0	0	0	0	34
33	Daman & Diu	5	0	5	0	34
34	Delhi	248	221	265	258	22
35	Lakshadweep	0	0	0	0	34
36	Puducherry	142	124	133	110	23
Total		45509	46406	47223	48550	

* Includes expressways

Total number of Grevious and Minor Injured Persons in Road Accidents on National Highways during the calendar year 2018

S.No	States/UTs	Greviously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	2341	5910	8251
2	Arunachal Pradesh	74	31	105
3	Assam	2782	607	3389
4	Bihar	2248	523	2771
5	Chhattisgarh	697	2895	3592
6	Goa	130	411	541
7	Gujarat	2092	1585	3677
8	Haryana	796	2541	3337
9	Himachal Pradesh	752	1807	2559
10	Jammu & Kashmir	1328	1434	2762
11	Jharkhand	985	238	1223
12	Karnataka	5988	10515	16503
13	Kerala	6958	3503	10461
14	Madhya Pradesh	1186	8869	10055
15	Maharashtra	5487	2970	8457
16	Manipur	166	419	585
17	Meghalaya	23	13	36
18	Mizoram	16	16	32
19	Nagaland	90	90	180
20	Orissa	2488	2006	4494
21	Punjab	1064	518	1582
22	Rajasthan	2158	4865	7023
23	Sikkim	61	55	116
24	Tamil Nadu	1617	22399	24016
25	Telangana	506	6543	7049
26	Tripura	219	8	227
27	Uttarakhand	652	107	759
28	Uttar Pradesh	7750	3162	10912
29	West Bengal	3360	843	4203
30	A & N Islands	12	87	99
31	Chandigarh	3	32	35
32	D & N Haveli	0	0	0
33	Daman & Diu	0	0	0
34	Delhi	140	564	704
35	Lakshadweep	0	0	0
36	Puducherry	361	526	887
	Total	54530	86092	140622

Total Number of Road Accidents on State Highways: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Road Accidents on State Highways during				
		2015	2016	2017	2018	
1	2	3	4	5	6	7
1	Andhra Pradesh	5351	5639	5657	6398	7
2	Arunachal Pradesh	0	75	70	94	28
3	Assam	1898	1999	1619	2111	15
4	Bihar	3255	2434	2258	2089	16
5	Chhattisgarh	3898	3164	3379	3136	12
6	Goa	451	356	527	331	22
7	Gujarat	6739	6309	5424	4952	8
8	Haryana	3389	2887	2898	3226	11
9	Himachal Pradesh	634	820	777	650	20
10	Jammu & Kashmir	837	537	702	664	19
11	Jharkhand	1480	1704	1678	1686	18
12	Karnataka	10254	11462	11193	10685	4
13	Kerala	6888	7135	7044	7552	6
14	Madhya Pradesh	13166	14456	14351	13910	2
15	Maharashtra	11184	9052	8508	7755	5
16	Manipur	136	117	144	206	23
17	Meghalaya	117	102	201	9	32
18	Mizoram	34	27	14	13	31
19	Nagaland	11	0	119	111	26
20	Odisha	4074	3328	3445	3104	13
21	Punjab	1965	2101	1601	1876	17
22	Rajasthan	3638	3695	3368	3504	10
23	Sikkim	85	70	50	84	29
24	Tamil Nadu	23165	23405	22527	22849	1
25	Telangana	3783	4090	3895	3521	9
26	Tripura	268	217	183	186	24
27	Uttarakhand	408	568	332	342	21
28	Uttar Pradesh	9320	11715	11529	13788	3
29	West Bengal	3802	3793	2458	2468	14
30	Andaman & Nicobar Islands	32	19	50	101	27
31	Chandigarh	0	0	0	0	33
32	Dadra & Nagar Haveli	0	0	0	33	30
33	Daman & Diu	0	6	0	0	33
34	Delhi	0	0	0	0	33
35	Lakshadweep	0	0	0	0	33
36	Puducherry	256	373	157	136	25
	Total	120518	121655	116158	117570	

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

Total Number of Persons Killed in Road Accidents on State Highways: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents on State Highways during				
		2015	2016	2017	2018	
1	2	3	4	5	6	7
1	Andhra Pradesh	1877	2017	1812	1897	8
2	Arunachal Pradesh	0	44	34	58	23
3	Assam	584	681	557	681	18
4	Bihar	1808	1436	1414	1474	11
5	Chhattisgarh	1139	926	964	1068	16
6	Goa	23	35	45	25	26
7	Gujarat	2675	2788	2376	2477	6
8	Haryana	1475	1243	1369	1486	9
9	Himachal Pradesh	206	360	257	241	20
10	Jammu & Kashmir	217	70	102	108	21
11	Jharkhand	783	982	1035	1139	15
12	Karnataka	2889	3096	3102	3058	5
13	Kerala	841	885	837	876	17
14	Madhya Pradesh	2868	3040	2973	3180	4
15	Maharashtra	4179	3636	3622	3446	3
16	Manipur	25	16	29	30	25
17	Meghalaya	21	22	51	6	31
18	Mizoram	47	17	15	14	28
19	Nagaland	11	0	7	13	29
20	Odisha	1718	1467	1552	1475	10
21	Punjab	1484	1584	1087	1418	13
22	Rajasthan	1908	1928	1973	1925	7
23	Sikkim	28	35	27	45	24
24	Tamil Nadu	5528	5825	5691	4285	2
25	Telangana	1474	1438	1357	1165	14
26	Tripura	64	61	61	72	22
27	Uttarakhand	227	305	179	266	19
28	Uttar Pradesh	4984	6210	5962	7179	1
29	West Bengal	1741	1882	1294	1435	12
30	Andaman & Nicobar Islands	5	1	9	6	31
31	Chandigarh	0	0	0	0	33
32	Dadra & Nagar Haveli	0	0	0	22	27
33	Daman & Diu	0	2	0	0	33
34	Delhi	0	0	0	0	33
35	Lakshadweep	0	0	0	0	33
36	Puducherry	34	35	19	10	30
	Total	40863	42067	39812	40580	

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

Total Number of Persons Injured in Road Accidents on State Highways: 2015 to 2018

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents on State Highways during			
		2015	2016	2017	2018
1	2	3	4	5	6
1	Andhra Pradesh	6950	6791	5746	6084
2	Arunachal Pradesh	0	108	96	109
3	Assam	1999	1671	1470	2010
4	Bihar	2397	1663	1615	1453
5	Chhattisgarh	3642	3157	3178	2866
6	Goa	250	170	250	179
7	Gujarat	6656	6137	4901	4852
8	Haryana	3859	2399	2757	2715
9	Himachal Pradesh	1293	1518	1281	1147
10	Jammu & Kashmir	1498	702	1052	794
11	Jharkhand	1197	1279	1088	1249
12	Karnataka	14270	15448	14903	14544
13	Kerala	7835	8002	7913	8756
14	Madhya Pradesh	17647	16678	15797	15692
15	Maharashtra	10275	8207	7774	7028
16	Manipur	233	202	246	359
17	Meghalaya	85	37	117	2
18	Mizoram	62	23	18	33
19	Nagaland	22	0	73	87
20	Odisha	4521	3764	3792	3251
21	Punjab	1475	1325	1109	906
22	Rajasthan	3804	3887	3552	3478
23	Sikkim	143	81	154	181
24	Tamil Nadu	26573	26329	24951	26739
25	Telangana	4307	4738	4453	4001
26	Tripura	411	383	262	289
27	Uttarakhand	441	592	342	427
28	Uttar Pradesh	6263	8003	8223	9545
29	West Bengal	3395	3742	2281	2536
30	Andaman & Nicobar Islands	40	27	45	98
31	Chandigarh	0	0	0	0
32	Dadra & Nagar Haveli	0	0	0	23
33	Daman & Diu	0	16	0	0
34	Delhi	0	0	0	0
35	Lakshadweep	0	0	0	0
36	Puducherry	266	391	143	146
Total		131809	127470	119582	121579

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

Total Number of Fatal Road Accidents on State Highways: 2015-2018

Sl. No.	States/UTs	2015	2016	2017	2018
1	2	3	4	5	6
1	Andhra Pradesh	1672	1834	1678	1736
2	Arunachal Pradesh	0	29	31	45
3	Assam	495	639	469	612
4	Bihar	1629	1284	1296	1368
5	Chhattisgarh	1081	857	922	948
6	Goa	23	34	43	23
7	Gujarat	2374	2402	2186	2126
8	Haryana	1316	1259	1243	1362
9	Himachal Pradesh	169	268	213	190
10	Jammu & Kashmir	187	42	83	89
11	Jharkhand	714	936	959	1035
12	Karnataka	2594	2819	2836	2782
13	Kerala	793	814	790	817
14	Madhya Pradesh	2465	2666	2715	2863
15	Maharashtra	3744	3284	3293	3057
16	Manipur	21	15	24	29
17	Meghalaya	33	25	21	6
18	Mizoram	28	16	12	12
19	Nagaland	5	0	7	10
20	Odisha	1530	1261	1384	1331
21	Punjab	1297	1427	1033	1339
22	Rajasthan	1661	1667	1631	1692
23	Sikkim	26	25	20	31
24	Tamil Nadu	5120	5431	5322	3995
25	Telangana	1329	1282	1235	1054
26	Tripura	61	54	55	63
27	Uttarakhand	204	268	129	166
28	Uttar Pradesh	4412	5158	5181	6346
29	West Bengal	1625	1663	1150	1264
30	Andaman & Nicobar Islands	5	1	8	6
31	Chandigarh	0	0	0	0
32	Dadra & Nagar Haveli	0	0	0	22
33	Daman & Diu	0	2	0	0
34	Delhi	0	0	0	0
35	Lakshadweep	0	0	0	0
36	Puducherry	33	35	18	10
Total		36646	37497	35987	36429

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

Total number of Grevious and Minor Injured Persons in Road Accidents on State Highways during the calendar year 2018

S.No	States/UTs	Greviously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	1584	4500	6084
2	Arunachal Pradesh	76	33	109
3	Assam	1622	388	2010
4	Bihar	1177	276	1453
5	Chhattisgarh	677	2189	2866
6	Goa	33	146	179
7	Gujarat	2806	2046	4852
8	Haryana	619	2096	2715
9	Himachal Pradesh	281	866	1147
10	Jammu & Kashmir	571	223	794
11	Jharkhand	988	261	1249
12	Karnataka	5717	8827	14544
13	Kerala	5959	2797	8756
14	Madhya Pradesh	1945	13747	15692
15	Maharashtra	4615	2413	7028
16	Manipur	94	265	359
17	Meghalaya	2	0	2
18	Mizoram	8	25	33
19	Nagaland	33	54	87
20	Orissa	1839	1412	3251
21	Punjab	573	333	906
22	Rajasthan	1128	2350	3478
23	Sikkim	95	86	181
24	Tamil Nadu	2006	24733	26739
25	Telangana	504	3497	4001
26	Tripura	284	5	289
27	Uttarakhand	370	57	427
28	Uttar Pradesh	6587	2958	9545
29	West Bengal	2109	427	2536
30	A & N Islands	32	66	98
31	Chandigarh	0	0	0
32	D & N Haveli	23	0	23
33	Daman & Diu	0	0	0
34	Delhi	0	0	0
35	Lakshadweep	0	0	0
36	Puducherry	44	102	146
	Total	44401	77178	121579

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

Total number of Fatal Road Accidents, Total Road Accidents, Persons Killed and Injured on Other Roads during the calendar years 2016 to 2018

S.No	State/UT	Fatal Accidents						Accidents						Killed						Injured						
		2016	2017	2018	2016	2017	2018	Number	Rank	2016	2017	2018	Number	Rank	2016	2017	2018	Number	Rank	2016	2017	2018				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	16	16	16	16	16	16	16	16	16	
1	Andhra Pradesh	3328	3192	2619	11078	11526	9955	9	3518	3350	2730	9	13707	12793	9121	9121	9121	9121	9121	9121	9121	9121	9121	9121	9121	9121
2	Arunachal Pradesh	37	33	46	79	83	94	28	47	35	61	28	148	107	109	109	109	109	109	109	109	109	109	109	109	109
3	Assam	616	710	716	1958	2277	2174	18	596	762	744	19	1697	1880	1976	1976	1976	1976	1976	1976	1976	1976	1976	1976	1976	1976
4	Bihar	1299	1422	2075	2650	2714	3495	16	1451	1600	2204	10	1954	1966	2455	2455	2455	2455	2455	2455	2455	2455	2455	2455	2455	2455
5	Chhattisgarh	1622	1836	2049	6374	6483	6733	11	1801	2020	2140	12	5954	6027	6257	6257	6257	6257	6257	6257	6257	6257	6257	6257	6257	6257
6	Goa	179	154	127	2510	1920	1953	20	188	165	133	23	1384	963	829	829	829	829	829	829	829	829	829	829	829	829
7	Gujarat	2975	2673	3137	10933	9324	9820	10	3207	2768	3348	8	9857	8839	8938	8938	8938	8938	8938	8938	8938	8938	8938	8938	8938	8938
8	Haryana	1619	1777	1478	4529	4575	3654	15	1936	1761	1544	15	4975	3994	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968	3968
9	Himachal Pradesh	328	320	359	873	877	1005	22	433	418	497	20	1811	1595	1845	1845	1845	1845	1845	1845	1845	1845	1845	1845	1845	1845
10	Jammu & Kashmir	375	347	387	2842	2783	3196	17	485	415	476	21	4095	3813	4289	4289	4289	4289	4289	4289	4289	4289	4289	4289	4289	4289
11	Jharkhand	633	945	1199	1293	1692	2092	19	823	971	1281	17	1010	1566	1503	1503	1503	1503	1503	1503	1503	1503	1503	1503	1503	1503
12	Karnataka	3697	3505	3740	18008	17132	17384	5	3921	3715	3946	5	21252	20816	20515	20515	20515	20515	20515	20515	20515	20515	20515	20515	20515	20515
13	Kerala	2072	1912	2105	23076	22433	23468	2	2139	1985	2179	11	25585	24768	26241	26241	26241	26241	26241	26241	26241	26241	26241	26241	26241	26241
14	Madhya Pradesh	4045	4285	4509	28807	27898	27520	1	4042	4683	4925	3	29820	30119	28915	28915	28915	28915	28915	28915	28915	28915	28915	28915	28915	28915
15	Maharashtra	5070	4729	5450	20462	18108	18607	4	5412	5005	5727	2	18162	16003	15880	15880	15880	15880	15880	15880	15880	15880	15880	15880	15880	15880
16	Manipur	18	9	14	96	62	66	31	19	10	16	31	162	96	98	98	98	98	98	98	98	98	98	98	98	98
17	Meghalaya	50	18	88	180	136	272	25	20	20	103	25	111	79	167	167	167	167	167	167	167	167	167	167	167	167
18	Mizoram	8	14	13	10	16	17	35	8	16	16	31	6	26	15	15	15	15	15	15	15	15	15	15	15	15
19	Nagaland	9	11	10	18	71	75	30	11	7	14	33	35	34	68	68	68	68	68	68	68	68	68	68	68	68
20	Orissa	1090	1103	1591	2990	2923	3951	14	1184	1115	1841	14	3194	2919	4049	4049	4049	4049	4049	4049	4049	4049	4049	4049	4049	4049
21	Punjab	1827	1386	1171	2737	2139	1731	21	1998	1485	1237	18	1739	1392	896	896	896	896	896	896	896	896	896	896	896	896
22	Rajasthan	4453	4164	4231	12804	11893	11513	8	4800	4405	4521	4	13193	11434	11046	11046	11046	11046	11046	11046	11046	11046	11046	11046	11046	11046
23	Sikkim	7	17	4	50	63	32	34	11	21	9	34	86	152	73	73	73	73	73	73	73	73	73	73	73	73
24	Tamil Nadu	4988	4424	3222	25453	22339	21488	3	5138	4574	5439	6	27990	24352	23782	23782	23782	23782	23782	23782	23782	23782	23782	23782	23782	23782
25	Telangana	3370	3101	3134	12555	12378	12222	7	3608	3285	3374	7	12975	12681	12563	12563	12563	12563	12563	12563	12563	12563	12563	12563	12563	12563
26	Tripura	44	31	62	137	99	178	27	44	30	64	27	166	118	225	225	225	225	225	225	225	225	225	225	225	225
27	Uttarakhand	102	148	133	181	363	310	24	154	179	150	22	185	349	385	385	385	385	385	385	385	385	385	385	385	385
28	Uttar Pradesh	4407	5602	5341	10819	12921	12582	6	5641	6216	6239	1	7896	9039	9207	9207	9207	9207	9207	9207	9207	9207	9207	9207	9207	9207
29	West Bengal	2298	2184	1983	5319	5015	6166	12	2358	2340	2126	13	4021	3851	5258	5258	5258	5258	5258	5258	5258	5258	5258	5258	5258	5258
30	Andaman & Nicobar Island	8	5	129	79	60	32	9	5	5	35	136	95	63	63	63	63	63	63	63	63	63	63	63	63	
31	Chandigarh	120	88	80	381	309	270	26	127	91	82	26	307	273	265	265	265	265	265	265	265	265	265	265	265	265
32	Dadra & Nagar Haveli	40	30	70	67	47	33	46	43	32	30	130	60	43	43	43	43	43	43	43	43	43	43	43	43	
33	Daman & Diu	30	31	34	65	70	76	29	36	31	35	29	86	68	94	94	94	94	94	94	94	94	94	94	94	94
34	Delhi	1327	1300	1399	6652	5918	5732	13	1353	1317	1427	16	6504	5844	5382	5382	5382	5382	5382	5382	5382	5382	5382	5382	5382	5382
35	Lakshadweep	1	0	1	1	1	3	36	1	0	1	36	0	1	36	0	1	36	0	1	36	0	1	36	0	
36	Puducherry	76	70	105	519	599	690	23	78	77	105	24	535	659	694	694	694	694	694	694	694	694	694	694	694	694
	Total	52168	51586	52747	216638	207286	208631		56643	54920	56791		220868	208771	207217											

Accidents classified according to Type of Collision during the calendar year 2018

S.No	States/UTs	Hit & Run										With Parked Vehicle										Hit from Back																	
		Persons Injured					Persons Killed					Total Accidents					Persons Injured					Persons Killed					Total Accidents					Persons Injured							
		Previously Injured	Minor Injury	Total Injured	Persons Killed	Persons Injured	Previously Injured	Minor Injury	Total Injured	Persons Killed	Previously Injured	Minor Injury	Total Injured	Persons Killed	Previously Injured	Minor Injury	Total Injured	Persons Killed	Previously Injured	Minor Injury	Total Injured	Persons Killed	Previously Injured	Minor Injury	Total Injured	Persons Killed	Previously Injured	Minor Injury	Total Injured	Persons Killed									
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	29	30	31	32	33							
1	Andhra Pradesh	1248	594	277	583	860	574	189	168	395	563	4659	1281	1604	3251	4855	1845	493	791	1061	1852																		
2	Arunachal Pradesh	30	22	24	10	34	12	4	16	9	3	25	9	3	7	7	14	13	5	14	5	19																	
3	Assam	1333	522	1000	362	1362	336	97	271	32	303	1914	726	1381	262	1643	1272	420	918	239	1157																		
4	Bihar	5196	3955	2812	702	3514	267	149	166	66	232	1012	639	659	134	793	862	583	541	205	746																		
5	Chhattisgarh	2241	858	409	1422	1831	361	127	55	258	313	2546	617	388	1756	2144	2083	533	338	1488	1826																		
6	Goa	59	13	6	8	14	27	1	0	2	2	943	57	103	370	473	1361	76	107	445	552																		
7	Gujarat	3351	1782	1836	1270	3106	1309	478	613	570	1183	4563	1779	2417	1902	4319	3130	1070	1726	1214	2940																		
8	Haryana	2584	1114	393	1746	2139	748	353	67	455	522	699	325	124	463	587	723	343	125	437	562																		
9	Himachal Pradesh	662	158	280	404	684	109	16	22	85	107	157	46	65	190	255	407	75	212	365	577																		
10	Jammu & Kashmir	661	81	67	762	829	25	16	49	40	89	102	19	38	91	129	139	24	26	154	180																		
11	Jharkhand	1310	951	740	77	817	192	105	102	26	128	724	444	504	106	610	470	281	328	94	422																		
12	Karnataka	3438	1157	1361	1737	3098	1276	342	711	870	1581	15942	4435	8364	10406	18770	7089	1494	3449	5419	8868																		
13	Kerala	1189	124	924	389	1313	359	53	223	145	368	5664	399	4301	2141	6442	7349	477	6029	2661	8690																		
14	Madhya Pradesh	12790	2782	1593	13029	14622	976	136	128	883	1011	8507	1520	1061	7308	8369	4612	723	436	4247	4683																		
15	Maharashtra	6258	2527	3098	1969	5067	664	190	428	284	712	8020	2642	4963	2508	7471	5418	1755	3239	1855	5094																		
16	Manipur	51	14	10	69	79	22	6	11	36	47	90	22	40	82	122	138	24	70	174	244																		
17	Meghalaya	27	17	8	3	11	11	6	3	2	5	12	7	2	4	6	19	12	4	2	6																		
18	Mizoram	14	9	7	15	22	1	0	0	1	1	4	2	0	4	4	4	4	5	3	0																		
19	Nagaland	71	7	27	22	49	24	0	10	16	26	40	0	17	25	42	31	1	10	14	24																		
20	Orissa	2183	1089	1174	834	2008	400	154	227	230	457	1581	685	974	606	1580	1065	385	609	531	1140																		
21	Punjab	1498	1186	476	239	715	386	301	117	50	167	1041	706	428	233	661	957	635	388	202	590																		
22	Rajasthan	5750	2718	1918	3722	5640	382	200	154	222	376	4722	2143	1301	2997	4298	2145	834	664	1514	2178																		
23	Sikkim	20	5	22	19	41	4	2	8	0	8	0	0	0	0	0	0	0	0	0	0																		
24	Tamil Nadu	4481	1170	402	4073	4475	1700	327	233	1845	2078	11180	2142	1082	12104	13186	7362	1370	821	7728	8549																		
25	Telangana	2409	690	258	1848	2106	326	93	22	262	284	5697	1281	561	5197	5758	2832	607	298	2735	3033																		
26	Tripura	98	42	141	2	143	2	9	0	0	156	54	149	4	153	113	37	117	3	120																			
27	Uttarakhand	212	131	104	10	114	11	5	7	4	11	284	167	214	39	253	246	137	190	28	218																		
28	Uttar Pradesh	7164	3649	3194	1431	4625	2515	1299	1202	567	1769	4942	2437	2204	1153	3357	4985	2537	2258	1203	3461																		
29	West Bengal	1217	505	415	274	689	268	81	199	69	268	1744	827	1023	259	1282	891	288	622	172	794																		
30	A & N Islands	22	2	4	21	25	12	0	5	5	52	7	9	50	59	40	2	19	24	43																			
31	Chandigarh	4	2	0	1	1	0	2	0	2	108	35	6	81	87	149	50	8	132	140																			
32	D & N Haveli	34	28	16	0	16	0	0	0	0	8	3	9	0	9	15	9	12	0	12	12																		
33	Daman & Diu	19	8	13	24	37	1	0	1	12	9	3	3	6	6	2	4	3	7																				
34	Delhi	2127	688	270	1550	1820	207	38	46	148	194	1337	296	293	1051	1344	760	153	111	648	759																		
35	Lakshadweep	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	1																			
36	Puducherry	71	19	23	59	82	57	9	6	51	57	293	46	116	188	304	242	37	125	139	264																		
	Total	69822	28619	23302	38686	61988	13565	4780	5265	7630	12895	88765	25801	34411	54975	89386	58774	15477	24613	35141	59754																		

Contd....

Annexure 20.1

Accidents classified according to Type of Collision during the calendar year 2018

S.No	States/UT's	Run Off Road						Fixed Object						Vehicle Overturn						Head on Collision						Others								
		Persons Killed			Persons Injured			Total Persons Accidents			Persons Killed			Persons Injured			Total Persons Accidents			Persons Killed			Persons Injured			Total Persons Accidents			Persons Killed			Persons Injured		
		Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury	Previously Injured	Minor Injury	Total Injury			
1	2	23	24	25	26	27	28	29	30	31	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	49	49	49				
1	Andhra Pradesh	973	317	378	617	995	660	254	201	555	756	750	314	286	781	1067	8595	5	2778	3	1453	7202	8655	5171	1336	1309	2544	3853	3853	3853				
2	Arunachal Pradesh	23	15	23	6	29	11	8	15	10	25	58	38	11	17	28	53	29	36	25	30	14	44	68	44	81	24	105	105	105				
3	Assam	301	96	169	64	233	248	89	177	56	233	751	290	538	129	667	806	16	339	18	553	103	656	1287	387	957	957	164	1121	1121				
4	Bihar	655	416	359	95	454	331	55	68	17	85	433	268	291	73	364	844	15	664	15	410	81	491	0	0	0	0	0	0	0	0	0		
5	Chhattisgarh	603	245	105	422	527	451	185	62	287	349	488	197	136	503	639	2252	11	720	12	445	1743	2188	2839	1110	559	2339	2898	2898	2898	2898			
6	Goa	232	27	1	61	62	311	26	9	95	104	43	3	0	19	733	18	59	22	120	203	323	0	0	0	0	0	0	0	0	0	0		
7	Gujarat	725	244	373	314	687	341	366	282	648	1697	766	902	664	1566	3235	10	1459	9	1308	1620	2028	71	77	71	19	90	90	90	90	90	90		
8	Haryana	361	145	85	235	320	324	135	41	309	408	798	170	130	516	666	760	17	347	17	152	517	669	4241	1955	1002	3223	4223	4223	4223				
9	Himachal Pradesh	644	580	261	1523	1784	197	92	99	309	408	156	58	48	337	385	608	20	130	19	375	855	1230	170	53	71	50	121	121	121	121	121		
10	Jammu & Kashmir	298	68	229	345	574	29	2	4	44	48	134	28	33	121	154	267	22	34	26	148	308	456	4323	712	3575	1811	5386	5386	5386	5386	5386		
11	Jharkhand	343	223	213	64	277	222	131	157	67	224	724	463	392	138	530	722	19	516	16	422	101	523	687	428	310	134	444	444	444	444			
12	Karnataka	1932	461	1230	1785	3015	971	219	389	808	1197	1568	339	701	1282	1983	9234	3	2475	5	4886	7886	12772	257	68	186	92	278	278	278	278	278		
13	Kerala	324	66	257	186	443	499	126	288	240	528	760	114	622	394	1016	7238	6	852	11	6211	2944	9155	16799	2092	12817	4686	17503	17503	17503	17503			
14	Madhya Pradesh	1205	327	214	1264	1478	833	156	48	638	686	2530	567	261	3442	3703	8952	4	2008	7	844	8593	9437	10992	2487	1505	9168	10673	10673	10673	10673			
15	Maharashtra	1436	526	712	513	1225	1581	462	879	658	1537	2018	780	1302	681	1983	9542	2	4035	2	5347	2418	7765	780	344	367	144	511	511	511	511	511		
16	Manipur	18	6	26	11	37	27	6	4	40	44	48	4	3	96	99	122	25	24	28	87	182	269	85	28	51	50	101	101	101	101			
17	Meghalaya	9	6	2	1	3	18	8	4	3	7	22	14	7	1	42	30	29	12	1	13	239	83	70	76	146	146	146	146	146	146			
18	Mizoram	15	15	12	22	34	0	0	0	0	0	0	0	0	0	0	0	0	6	35	4	32	1	1	3	4	9	10	7	5	12			
19	Nagaland	152	16	38	43	81	14	2	5	10	21	10	16	28	44	76	28	2	35	21	38	59	1	1	0	0	0	0	0	0	0	0		
20	Orissa	420	178	210	272	482	588	293	286	326	612	1110	513	580	512	1092	1369	13	669	14	750	725	1475	2546	1349	1412	1536	2948	2948	2948	2948	2948		
21	Punjab	218	147	95	46	141	133	93	48	37	85	613	399	193	170	363	922	14	691	13	294	132	426	660	582	153	83	83	83	83	83			
22	Rajasthan	334	164	175	177	352	142	68	35	117	152	963	487	337	978	1315	3935	9	2185	6	1145	2984	4129	3370	1521	988	2119	3107	3107	3107	3107			
23	Sikkim	118	49	122	125	247	16	18	22	26	48	0	0	0	0	0	0	0	22	4	26	0	0	0	0	0	0	0	0	0	0			
24	Tamil Nadu	2824	610	272	3289	3561	512	236	3388	3624	4873	96	561	567	5360	5927	24861	1	4269	1	2279	27417	29696	3836	855	107	3334	3441	3441	3441	3441	3441		
25	Telangana	226	195	43	187	230	527	291	24	431	455	870	425	110	1106	1216	4942	7	1527	8	454	5317	5771	4401	1494	551	4209	4760	4760	4760	4760			
26	Tripura	2	1	0	1	6	2	16	28	15	89	147	24	60	21	26	13	219	0	0	0	0	0	0	0	0	0	0	0	0				
27	Uttarakhand	272	197	281	59	340	25	14	24	1	25	36	18	35	8	43	80	27	45	24	28	58	12	70	302	333	428	69	497	497	497	497	497	
28	Uttar Pradesh	3683	1923	1725	954	2679	1822	911	962	425	1387	3370	1841	1694	703	2397	4542	8	2520	4	2110	911	3021	9545	5139	4968	2000	6968	6968	6968	6968	6968		
29	West Bengal	656	390	585	134	719	296	86	248	216	464	406	170	523	202	725	2009	12	1016	10	1851	420	2271	5218	2348	3911	874	4785	4785	4785	4785	4785		
30	A & N Islands	13	1	0	8	8	15	1	1	13	14	17	2	3	9	12	81	26	4	32	23	70	93	2	0	0	1	1	1	1	1	1		
31	Chandigarh	0	0	0	0	0	9	1	0	5	2	1	0	3	3	41	31	8	31	7	50	57	2	0	0	0	5	5	5	5	5	5		
32	D & N Haveli	0	0	0	0	0	7	4	8	0	0	0	0	0	0	14	33	9	30	18	2	20	2	1	1	0	1	1	1	1	1	1		
33	Daman & Diu	3	3	1	1	1	5	11	5	16	2	1	3	1	3	12	34	3	34	9	8	17	10	4	5	1	6	1	6	1	6	1		
34	Delhi	174	51	17	155	172	86	26	14	74	88	195	50	34	139	173	232	23	57	23	47	196	243	1397	331	288	1005	1293	1293	1293	1293	1293		
35	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	0	0	0	0	0	0	0	
36	Puducherry	127	23	30	107	137	23	1	12	9	21	135	11	44	107	151	520	21	61	20	280	306	586	129	19	15	110	125	125	125	125	125		
37	Total	19319	7731	8243	13085	21328	13924	4623	4763	9496	14259	25619	30980	18520	28410	97816	29646	32388	73369	105757	79440	25192	35766	39875	75641	75641	75641	75641	75641	75641				

Accidents classified according to Type of Collision during the calendar year 2018

S.No	States/UT's	Vehicle to Vehicle					Vehicle to Pedestrian					Vehicle to Non-Motorised vehicle					Vehicle to Animal					Others						
		Total Accidents		Persons Killed		Persons Injured	Total Persons		Persons Injured		Total Persons		Persons Injured		Total Persons		Persons Injured		Total Persons		Persons Killed		Total Accidents		Persons Injured		Total Persons	
		Number	Rank	Number	Rank	Minor Injury	Previously Injured	Total Injured	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Injured	Killed	Total	Injured	Killed	Total	Injured	Killed	Total	Injured	
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	29
1 Andhra Pradesh	14179	8	4240	8	3842	10519	14361	3867	1569	923	1792	2715	750	268	274	421	695	157	51	43	91	134	5522	1428	385	4166	5551	
2 Arunachal Pradesh	149	29	98	24	139	63	202	16	8	6	2	8	39	30	18	13	31	0	0	0	0	0	73	39	58	24	82	
3 Assam	2918	18	1105	17	1807	402	2209	1390	515	791	165	956	580	210	322	90	412	11	6	8	0	8	3349	1130	3036	754	3790	
4 Bihar	7044	12	5157	6	4198	1122	5320	1112	756	467	102	569	600	426	308	106	414	0	0	0	0	0	844	390	333	43	376	
5 Chhattisgarh	8222	11	2544	13	1482	5820	7302	1445	438	263	817	1080	1083	459	231	822	1053	303	112	30	152	182	2811	1039	491	2607	3098	
6 Goa	2721	19	165	22	301	958	1259	141	49	26	52	78	0	0	0	0	0	9	1	0	4	4	838	47	19	189	208	
7 Gujarat	10307	10	4026	9	5186	4535	9721	3015	1170	1132	850	1982	1241	668	541	486	1027	280	110	117	146	263	3926	2022	2636	1838	4474	
8 Haryana	5457	14	2410	14	1012	3759	4771	3682	1471	666	1995	2661	601	225	173	532	705	146	37	55	104	159	1352	975	213	1511	1724	
9 Himachal Pradesh	1332	21	267	21	674	1495	2169	698	182	324	410	734	28	8	17	17	34	17	4	3	4	7	1035	747	415	2192	2607	
10 Jammu & Kashmir	557	24	79	25	507	261	768	394	103	209	144	353	242	30	370	14	384	7	0	0	0	0	4778	772	3083	3257	6340	
11 Jharkhand	2412	20	1609	16	1273	326	1599	961	345	495	122	617	593	339	251	47	298	179	106	69	19	88	1249	1143	1080	293	1373	
12 Karnataka	24710	2	6382	4	12303	14372	26675	5837	1519	2782	2648	5430	1049	273	485	496	981	174	25	65	101	166	9937	2791	5642	12668	18310	
13 Kerala	23679	4	1948	15	19411	9676	29087	10021	1250	7443	2089	9532	342	17	272	65	337	296	35	233	78	311	5843	1053	4313	1878	6191	
14 Madhya Pradesh	24159	3	5082	7	3007	22359	25366	8271	1504	856	7066	7922	3036	695	355	2819	3174	870	130	101	660	761	15061	3295	1771	15668	17439	
15 Maharashtra	14766	7	5858	5	8970	4181	13151	6682	2515	3492	1489	4981	551	209	225	243	468	109	30	40	30	70	13609	4649	7608	5087	12695	
16 Manipur	227	26	49	26	133	322	455	116	21	53	74	127	39	11	16	32	48	1	0	0	1	1	218	53	100	311	411	
17 Meghalaya	117	30	45	28	46	23	69	30	25	8	5	13	88	48	23	18	41	0	0	0	0	0	164	64	35	47	82	
18 Mizoram	8	35	5	35	1	2	3	4	9	1	2	3	3	2	0	1	1	0	0	0	0	0	38	29	28	45	73	
19 Nagaland	298	25	13	31	89	116	205	51	7	25	24	49	54	2	7	24	31	0	0	0	0	0	27	17	23	27	50	
20 Odisha	6329	13	2951	12	3537	2962	6499	1821	706	855	609	1464	1626	668	965	754	1719	294	123	209	116	325	1192	867	656	1131	1787	
21 Punjab	5057	15	3473	11	1796	880	2676	585	415	187	89	276	361	255	111	79	190	144	114	31	11	42	83	67	133	200	522	
22 Rajasthan	15864	6	7609	2	5053	11153	16206	899	1448	480	607	1087	362	279	207	427	634	659	338	147	340	487	3959	646	830	2303	3133	
23 Sikkim	16	34	8	34	6	3	9	15	3	8	2	10	0	0	0	0	1	2	0	0	0	0	148	72	182	169	351	
24 Tamil Nadu	40366	1	7329	3	4014	45273	49287	13665	768	1140	10438	11578	1836	364	184	1570	1754	248	43	25	216	241	7805	3712	636	11041	11677	
25 Telangana	13913	9	3994	10	1413	14322	15735	3744	1093	393	2591	2984	1016	467	161	753	914	78	45	3	63	66	3479	1004	351	3663	3914	
26 Tripura	94	31	41	29	167	3	170	46	68	38	0	38	7	2	11	0	11	0	0	0	0	0	405	102	512	10	522	
27 Uttarakhand	984	23	549	20	750	135	885	263	146	148	23	171	31	92	94	25	119	1	0	0	3	3	189	260	349	44	393	
28 Uttar Pradesh	18652	5	9553	1	8085	3837	11922	5151	1366	2499	1224	3723	4814	2240	2239	1207	3446	1842	933	946	571	1517	12109	8164	6548	2508	9056	
29 West Bengal	3176	17	914	19	2442	973	3415	3009	2618	1672	369	2041	653	289	434	134	568	39	19	46	6	46	5828	1871	4789	1138	5927	
30 A & N Islands	150	28	9	33	44	120	164	51	6	10	46	56	0	0	0	2	0	1	1	1	1	51	4	5	34	39		
31 Chandigarh	207	27	49	26	16	200	216	72	35	5	53	58	25	12	0	14	2	0	0	0	0	10	2	0	12	12		
32 D & N Haveli	51	32	28	30	53	2	55	24	22	7	0	7	5	4	0	4	0	0	0	0	0	0	0	0	0	0		
33 Daman & Diu	32	33	12	32	24	10	34	15	11	5	4	9	8	3	5	1	6	0	0	0	0	0	21	9	15	30	45	
34 Delhi	3993	16	1033	18	609	3085	4467	420	238	1055	1293	563	157	116	380	496	32	2	3	32	35	460	78	154	414	568		
35 Lakshadweep	1	36	0	36	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	1	1		
36 Puducherry	1106	22	132	23	464	795	1259	414	75	157	235	392	21	1	19	6	25	1	1	0	0	0	55	17	11	40	51	
Total	253253	78766	92855	164064	256919	78974	22656	27804	37193	64997	22248	8753	8439	11596	20035	5902	2168	2749	4917	10667	38975	47375	122550					

Accidents classified according to Road Environment during the calendar year 2018

S.No	States/UTs	Residential Area						Institutional Area						Market/ Commercial area						Open Area						Others					
		Persons injured			Persons killed			Persons injured			Persons killed			Persons injured			Persons killed			Persons injured			Total Accidents			Persons killed			Persons injured		
		Total Accidents	Persons Killed	Previously Injured	Total Injuries	Minor	Total Inured	Total Accidents	Persons Killed	Previously Injured	Total Injuries	Minor	Total Inured	Total Accidents	Persons Killed	Previously Injured	Total Injuries	Minor	Total Inured	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	22	23	24	25	26	27	28	29	29		
1	Andhra Pradesh	3806	1154	1249	2482	3731	1134	274	403	701	1104	3190	848	855	1888	2743	12731	7	4223	9	2667	9060	12357	3614	1057	1293	2228	3521			
2	Arunachal Pradesh	37	21	36	14	50	52	32	34	16	50	51	34	39	19	58	66	31	46	30	64	29	93	71	42	48	24	72			
3	Assam	1161	409	823	206	1029	709	223	468	123	591	1819	568	1239	284	1523	3180	16	1163	17	2483	594	3077	1379	603	951	204	1155			
4	Bihar	1820	1203	1037	321	1358	478	312	353	93	446	1410	854	773	292	1065	5892	12	4360	8	3143	667	3810	0	0	0	0	0	0		
5	Chhattisgarh	3191	964	647	181	2828	879	223	76	481	557	1270	302	167	766	933	6837	11	2526	11	1224	5157	6381	1687	577	383	1633	2016			
6	Goa	306	52	59	173	232	35	2	3	6	9	1103	84	105	309	414	2265	19	124	23	179	715	894	0	0	0	0	0	0		
7	Gujarat	4098	1431	2047	1705	3752	1047	333	578	496	1074	2483	749	1215	1134	2349	11085	8	5459	6	5734	4506	10240	56	24	38	14	52			
8	Haryana	1892	833	337	1336	1673	1213	524	200	884	1084	1630	761	302	1106	1408	4307	15	1990	15	924	2693	3617	2196	1010	356	1882	2238			
9	Himachal Pradesh	587	193	237	870	1107	230	59	110	215	325	622	168	297	598	895	1647	22	778	20	776	2405	3181	24	10	13	30	43			
10	Jammu & Kashmir	1007	162	249	985	1234	216	22	212	68	280	793	143	348	596	944	2219	20	377	22	2235	970	3205	1743	280	1125	1057	2182			
11	Jharkhand	1007	668	640	151	791	397	230	217	69	286	895	546	539	122	661	2060	21	1443	16	1205	323	1528	1035	655	567	142	709			
12	Karnataka	614	128	220	276	496	1986	327	997	1599	2596	4487	884	2885	2877	5362	34476	1	9624	1	17506	25339	42845	144	27	69	194	263			
13	Kerala	3136	281	2515	1057	3572	1656	186	1315	612	1927	3763	345	2888	1295	4183	6918	10	784	19	5348	2547	7895	24708	2707	19606	8275	2781			
14	Madhya Pradesh	11607	2100	1206	10794	12000	2436	357	272	1806	2078	6185	779	738	5320	6038	20767	3	5363	7	2719	16655	24374	10402	2107	1155	8997	10152			
15	Maharashtra	9236	3104	5149	2862	8011	3389	1032	2158	1011	3169	5250	1643	3098	1752	4850	17826	4	7480	3	9926	5395	15321	16	2	4	10	14			
16	Manipur	195	36	82	264	346	48	6	10	72	82	101	14	37	146	183	225	26	72	25	142	220	362	32	6	31	38	69			
17	Meghalaya	97	49	28	11	39	12	6	4	1	5	28	15	4	6	10	77	30	49	29	11	16	27	185	63	65	59	124			
18	Mizoram	26	21	6	14	20	1	0	0	1	1	2	2	2	0	2	23	33	21	32	24	33	57	1	1	0	0	0			
19	Nagaland	64	3	14	40	54	30	0	11	12	23	186	9	54	61	115	148	27	25	31	65	78	143	2	2	0	0	0			
20	Odisha	1896	832	1068	910	1978	775	285	495	423	918	1837	827	984	739	1723	4920	14	2496	12	2699	2558	5257	1834	855	976	942	1918			
21	Punjab	1656	1114	636	350	986	457	322	171	130	301	838	576	326	186	512	2918	18	2322	13	826	430	1256	559	406	233	96	329			
22	Rajasthan	3520	1233	1118	2256	3374	423	423	623	1046	2412	819	729	1674	2403	13108	6	6996	4	3906	9108	13014	1883	541	1169	1710					
23	Sikkim	17	8	14	17	31	36	13	31	62	93	20	11	42	31	73	107	29	53	28	109	64	1703	0	0	0	0	0			
24	Tamil Nadu	12256	2205	1265	13473	4288	890	571	4399	4970	9233	1871	1291	8783	10074	34223	2	6636	5	2549	38254	40803	3920	614	323	3624	3947				
25	Telangana	3312	880	232	3203	3435	789	262	81	793	874	3619	700	363	3056	3419	8135	9	3224	10	888	8488	9376	6375	1537	757	5752	6509			
26	Tripura	240	92	286	6	292	85	28	101	2	103	97	31	127	2	129	130	28	62	27	214	3	217	0	0	0	0	0			
27	Uttarakhand	289	140	261	47	308	87	46	59	23	82	286	167	205	28	233	572	23	508	21	528	96	624	234	186	288	324				
28	Uttar Pradesh	7046	3637	3483	1587	5070	4959	2481	2293	1136	3429	7384	3599	3713	1650	5363	15131	5	8351	2	6884	3011	9895	8048	4188	3944	1963	5907			
29	West Bengal	3375	1660	2439	424	2863	342	128	263	130	393	1911	854	1350	298	1648	5238	13	2105	14	3804	1400	5204	1839	964	1521	368	1889			
30	A & N Islands	83	8	14	72	86	34	2	15	25	40	89	7	19	71	90	46	32	2	34	10	32	42	2	0	1	1	2			
31	Chandigarh	29	9	3	29	32	11	2	0	16	16	39	9	1	33	34	34	237	25	78	24	201	218	0	0	0	0	0			
32	D & N Haveli	51	37	40	2	42	18	10	14	8	6	6	0	6	0	36	0	36	0	36	0	0	3	1	4	0	4				
33	Domian & Diu	34	13	26	33	59	2	1	1	18	10	7	3	10	18	34	10	33	12	8	20	4	1	3	1	4					
34	Delhi	912	176	164	773	253	70	46	198	244	769	178	122	635	757	2973	17	876	18	491	2183	2674	1608	390	297	1177	1474				
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	35	1	35	1	0	1	2	0	0	2				
36	Puducherry	275	37	119	195	314	237	33	80	183	263	356	47	143	248	391	461	24	69	26	156	353	509	268	40	153	97	250			
Total	78678	24913	27749	49124	76873	29341	9144	12065	16409	28474	64184	18460	24611	36010	60621	220967	79696	79469	149221	228690	73874	19204	34747	40013	74760						

Accidents classified according to Road Features during the calendar year 2018

S.No	State/UT	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	Rank	Rank	Rank	Rank	Previously Injured	Minor Injuries	Total Injured	Injured	Number of Accidents	Killed	Previously Injured	Minor Injuries	Total Injured	Injured	Number of Accidents	Killed	Previously Injured	Minor Injuries	Total Injured	Injured	Number of Accidents	Killed	Previously Injured	Minor Injuries	Total Injured	Injured	Number of Accidents	Killed	Previously Injured	Minor Injuries	Total Injured	Injured	Number of Accidents	Killed	Previously Injured	Minor Injuries	Total Injured	Injured																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	Andhra Pradesh	18431	6	5614	8	4224	13095	17319	2662	825	1017	1831	2848	625	205	225	417	642	454	166	148	382	530	54	32	30	39	19	58	31	21	27	14	41	42	24	29	14	43	37	22	28	11	39	3664	16	1759	17	3663	747	4410	964	315	682	145	827	496	172	270	103	373	238	69	176	45	221	7621	13	5473	9	3877	942	4819	1186	725	837	215	1052	217	147	183	63	246	234	137	195	83	278	5	Chhattisgarh	8243	12	2674	15	1418	5895	7313	1636	476	239	1230	1469	257	98	53	244	297	286	88	64	267	331	6	Goa	3071	19	211	23	275	1005	1280	619	49	71	193	264	19	2	0	5	5	0	0	0	0	7	Gujarat	14790	9	6213	7	7350	5901	13251	2368	1057	1351	1214	2565	733	365	378	347	725	391	156	212	181	393	8	Haryana	4693	15	2125	16	966	2950	3916	990	438	228	789	1017	570	252	107	496	603	206	92	46	285	331	9	Himachal Pradesh	2011	21	676	20	939	2313	3252	872	402	405	1470	1875	30	15	19	18	37	0	0	0	0	0	10	Jammu & Kashmir	1434	22	311	22	416	1486	1902	422	83	191	468	659	43	4	4	46	50	19	5	9	13	22	11	Jharkhand	2209	20	1494	18	1350	335	1685	1144	740	800	188	988	224	170	151	56	207	231	127	140	34	174	12	Karnataka	33120	2	8974	2	16780	23130	39910	6347	1477	3307	5175	8482	1448	388	780	1266	2046	234	52	119	252	371	13	Kerala	28897	4	3082	12	22585	9830	32415	7817	856	6343	2821	9164	453	54	355	170	525	109	15	90	62	152	14	Madhya Pradesh	32250	3	6560	6	3691	31080	34771	5447	1159	762	5482	6244	1088	219	98	1064	1162	969	217	116	856	972	15	Maharashtra	27021	5	10344	1	15053	7935	22988	4355	1515	2565	1527	4092	1437	445	964	528	1492	335	89	234	150	384	16	Manipur	392	25	93	27	219	444	663	122	24	46	193	239	20	3	3	23	26	21	2	8	32	40	17	Meghalaya	36	34	21	32	10	6	16	11	5	6	2	8	0	0	0	0	0	0	0	0	0	18	Mizoram	29	35	25	31	21	9	30	12	8	2	27	29	1	0	0	0	0	1	1	4	1	1	19	Nagaland	249	28	17	34	75	80	155	88	14	30	58	88	0	0	0	0	0	0	27	1	7	15	22	20	Orissa	5743	14	2751	14	3088	2716	5804	2175	969	1147	1146	2293	564	265	347	325	672	396	174	203	218	421	21	Punjab	4012	17	2995	13	1362	680	2042	761	555	230	160	390	358	262	113	82	195	177	115	67	32	99	22	Rajasthan	16342	7	7749	5	4685	11342	16027	1735	861	599	1164	1763	286	110	96	213	309	83	28	26	90	116	23	Sikkim	91	30	44	28	82	77	159	51	18	35	38	73	14	11	25	23	48	9	4	21	11	32	24	Tamil Nadu	45618	1	8432	3	3705	49515	53220	10857	2252	1102	11549	12651	3201	738	376	3304	3680	2078	298	437	1877	2314	25	Telangana	14238	10	4350	11	1399	14038	15457	1774	585	217	1658	1875	447	165	37	371	408	181	94	11	186	197	26	Tripura	372	26	141	24	449	7	436	165	66	249	4	253	9	3	22	2	24	5	2	8	0	8	27	Uttarakhand	886	23	536	21	686	133	819	343	370	460	65	525	42	22	27	13	40	4	3	1	0	1	28	Uttar Pradesh	15223	8	8127	4	7193	3188	10381	6571	3345	3083	1311	4394	2687	1271	1404	709	2113	2226	1114	1088	580	1668	29	West Bengal	10008	11	4705	10	7300	1791	9091	1435	582	1128	442	1570	304	164	223	78	301	178	113	137	63	200	30	Andaman & Nicobar Islands	132	29	10	31	108	139	111	8	28	88	116	5	0	4	4	3	0	0	0	0	0	31	Chandigarh	316	27	98	26	21	279	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	Dadra & Nagar Haveli	61	31	43	29	44	2	46	14	8	16	0	16	3	1	4	0	4	0	0	0	0	33	Daman & Diu	43	33	21	32	23	15	38	25	9	21	28	49	7	4	5	2	7	0	0	0	0	34	Delhi	3688	18	1005	19	630	2783	3413	682	141	91	539	630	346	91	58	262	320	51	5	17	31	48	35	Lakshadweep	1	36	1	36	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	Puducherry	866	24	128	25	404	526	930	288	38	89	240	329	149	23	134	177	0	0	0	0	0	0	S.No	306855	96831	114054	194422	308476	64100	19996	27404	41474	68878	16125	5693	6399	10383	16782	9183	3192	3609	5756	9365	contd...

Accidents classified according to Road Features during the calendar year 2018

S.No	State/UT	Number of Accidents	Persons Killed	Persons Injured				Persons Killed				Persons Injured				Persons Killed				Persons Injured				Persons Killed				
				Previously Injured		Total Injured		Previously Injured		Total Injured		Previously Injured		Total Injured		Previously Injured		Total Injured		Previously Injured		Total Injured		Previously Injured		Total Injured		
				Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44							
1	Andhra Pradesh	3	1	0	3	3	83	34	10	30	40	256	117	70	84	154	1961	594	773	1147	1920							
2	Arunachal Pradesh	0	0	0	0	0	0	33	23	29	12	41	29	26	28	13	41	51	30	41	19	60						
3	Assam	182	68	121	40	161	136	30	98	18	116	448	109	221	108	329	1120	444	733	205	938							
4	Bihar	0	0	0	0	0	0	194	150	117	25	142	148	97	97	142	0	0	0	0	0	0						
5	Chhattisgarh	112	20	15	85	100	151	30	21	105	126	341	91	79	245	324	2818	1115	608	2147	2755							
6	Goa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
7	Gujarat	1	1	0	0	0	0	277	123	179	111	290	208	81	140	101	241	1	0	2	0	2						
8	Haryana	473	222	114	375	489	200	80	47	236	283	282	130	63	258	321	3824	1779	548	2512	3060							
9	Himachal Pradesh	21	18	5	22	27	117	60	47	164	211	50	35	15	127	142	9	2	3	4	7							
10	Jammu & Kashmir	8	0	1	7	8	4	2	1	4	5	25	6	6	33	39	4023	573	3541	1619	5160							
11	Jharkhand	119	78	61	10	71	135	92	79	20	99	148	86	60	28	88	1184	755	527	136	663							
12	Karnataka	38	10	26	42	68	160	33	66	149	215	356	55	197	266	463	4	1	2	5	7							
13	Kerala	63	11	40	26	66	74	19	38	99	164	21	129	55	184	2604	245	2069	784	2853								
14	Madhya Pradesh	182	59	12	102	114	948	186	103	924	1027	2478	588	388	1753	2141	8035	1718	920	7311	8231							
15	Maharashtra	552	166	333	195	548	679	217	472	211	683	1332	483	690	484	1174	6	2	4	0	4							
16	Manipur	2	0	1	0	1	2	0	4	1	5	16	8	5	23	28	26	4	16	24	40							
17	Meghalaya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
18	Mizoram	0	0	0	0	0	2	1	1	3	4	3	2	4	0	4	5	5	1	10	11							
19	Nagaland	33	0	12	17	29	15	0	8	9	17	5	0	2	1	3	13	7	7	10	11	21						
20	Odisha	88	35	55	30	85	225	97	125	116	241	402	197	222	215	437	1669	827	1035	806	1841							
21	Punjab	109	64	61	33	94	138	100	28	20	48	367	262	137	91	228	506	387	194	94	288							
22	Rajasthan	81	36	26	57	83	24	17	5	16	21	208	97	72	135	207	2984	1422	1208	1813	3021							
23	Sikkim	0	0	0	0	0	10	5	24	18	42	5	3	9	7	16	0	0	0	0	0							
24	Tamil Nadu	526	102	95	460	377	50	117	288	405	735	94	155	692	847	528	250	12	948	960								
25	Telangana	44	14	29	39	68	3	1	0	1	1	302	54	20	240	260	5241	1340	608	4739	5347							
26	Tripura	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0							
27	Uttarakhand	10	9	2	4	6	6	5	2	1	3	5	13	2	0	2	172	89	161	14	175							
28	Uttar Pradesh	2015	1043	926	468	1394	2144	1045	1041	502	1543	2870	1497	1364	694	2058	8832	4814	4218	1895	6113							
29	West Bengal	145	39	132	54	186	99	23	104	42	146	197	85	114	33	147	339	0	239	117	356							
30	Andaman & Nicobar Islands	0	0	0	0	0	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0							
31	Chandigarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
32	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
33	Daman & Diu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
34	Delhi	61	18	9	38	47	48	7	6	36	42	158	50	23	111	134	1481	373	286	1166	1452							
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0							
36	Puducherry	1	1	0	0	0	18	2	4	3	7	0	0	0	0	0	0	0	0	0	0							
	Total	4869	2015	2096	2012	4108	6305	2433	2799	3104	5903	11539	4288	4312	5842	10154	48068	16969	17984	27784	45752							

Accidents Classified according to Type of Junctions during the calendar year 2018

S.No	States/UTs	T-Junction						V-Junction						Four arm Junction						Staggered Junction						Round about Junction						Others					
		Persons Killed			Persons Injured			Persons Killed			Persons Injured			Persons Killed			Persons Injured			Persons Killed			Persons Injured			Persons Killed			Persons Injured			Persons Killed			Persons Injured		
		Number	Rank	Number	Rank	Number	Rank	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously 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	21	22	23	24	25	26	27	28	29	30	31	32	33	34				
1	1	Audhra Pradesh	2384	8	762	6	1066	1300	2366	1473	404	659	841	1500	1253	395	425	690	1115	1053	351	399	750	1149	1274	476	316	950	1266	17038	5168	362	12458	16120			
2	2	Arunachal Pradesh	38	25	30	22	25	15	40	35	21	20	12	32	37	25	15	18	33	44	27	25	16	41	26	10	18	5	23	97	62	118	36	154			
3	3	Assam	838	17	260	17	395	14	905	495	388	237	218	70	288	424	261	234	73	307	0	0	0	0	124	70	80	41	121	7852	5632	4379	1089	5468			
4	4	Bihar	1730	12	483	16	1095	1377	549	162	113	456	825	215	106	412	518	543	177	157	371	528	66	12	45	53	10151	3543	1829	7954	9783						
5	5	Chhattisgarh	129	22	7	31	38	58	4	5	13	18	269	9	12	227	239	0	0	0	0	93	5	0	11	11	3160	237	322	921	297						
6	6	Goa	2096	9	749	7	974	838	1832	818	318	380	394	774	1606	488	805	684	1489	1892	650	843	907	1750	1060	402	487	519	1006	11297	5389	6123	4493	10616			
7	7	Gujarat	844	20	129	19	83	186	269	133	64	154	218	470	213	79	259	338	174	76	36	114	150	286	137	52	160	212	9687	4430	1805	7028	8833				
8	8	Haryana	9	33	0	34	2	8	10	21	4	8	18	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9	9	Himachal Pradesh	461	19	88	20	245	452	697	149	34	79	105	184	70	21	35	38	73	29	4	38	12	50	1004	130	869	715	1584	4205	707	2903	2354	5257			
10	10	Jammu & Kashmir	1006	14	576	12	396	99	495	623	397	245	79	324	206	191	176	50	226	397	242	230	65	205	365	239	184	44	228	2797	1897	1937	470	2407			
11	11	Jharkhand	2615	6	508	15	1269	250	2519	1449	290	775	655	1430	234	954	664	1618	234	954	664	1618	528	81	333	241	574	221	52	162	100	262	35284	9825	17784	27375	45159
12	12	Karnataka	8494	2	791	5	2765	697	3072	292	2490	554	3444	2711	260	2082	908	290	1302	130	1051	333	1384	533	75	421	181	602	24049	18696	86545	27341	30666				
13	13	Kerala	7078	3	1100	4	860	5857	6717	2878	461	254	2421	2868	3703	375	371	393	2564	2297	522	255	1845	2100	1989	281	214	1755	1921	33512	7967	1426	33500	12024			
14	14	Madhya Pradesh	1846	10	572	13	855	552	1407	760	230	276	216	492	883	216	530	276	806	427	120	197	112	309	382	99	230	126	346	31419	12024	18257	9748	28005			
15	15	Maharashtra	84	24	19	24	52	86	138	20	3	14	25	39	17	3	2	22	24	5	2	3	4	7	9	2	5	11	16	466	105	226	592	818			
16	16	Manipur	35	26	11	26	12	9	21	36	13	14	7	21	10	2	4	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	17	Meghalaya	6	34	5	32	1	6	7	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	18	Mizoram	114	23	11	26	66	68	134	82	15	34	33	67	54	8	16	21	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
19	19	Nagaland	1093	13	610	11	660	493	1153	679	287	355	319	674	638	284	358	229	587	244	89	137	93	230	586	179	366	225	591	8022	3866	4346	4213	8359			
20	20	Orissa	969	15	636	10	341	1431	484	584	398	193	106	299	618	456	311	314	655	455	206	90	296	605	413	218	385	303	2997	2402	1033	655	1688				
21	21	Punjab	1737	11	648	9	758	896	1654	567	234	348	526	727	245	174	515	689	1583	777	446	1016	462	639	291	230	407	627	1650	8125	4515	11639	1407				
22	22	Rajasthan	18	32	6	29	7	24	10	2	10	3	13	39	17	27	8	35	80	26	49	24	73	22	9	19	0	19	1299	987	1219	188	1407				
23	23	Sikkim	0	35	0	34	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	0	0	0	0		
24	24	Tamil Nadu	10947	1	2063	2	1095	11117	12212	3919	780	3987	2079	1942	881	2623	3675	2000	1734	845	2584	3065	1919	409	226	1927	2153	1702	347	476	1221	1697	40915	7853	3375	45802	49177
25	25	Telangana	3635	5	1228	3	464	3458	3922	1270	361	186	1118	1304	1138	300	145	937	1082	3534	969	289	3467	3736	3510	964	3066	3661	3967	9143	2781	931	8651	9582			
26	26	Tripura	27	30	6	29	30	0	30	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	0		
27	27	Uttarakhand	18	31	6	29	0	17	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	0	0		
28	28	Uttar Pradesh	5343	4	2740	1	2619	1236	3855	3987	2079	1942	881	2623	3675	2000	1734	845	2584	3065	1919	409	226	1927	2153	1702	347	476	1221	1697	40915	7853	3375	45802	49177		
29	29	West Bengal	2355	7	731	8	1570	685	2255	1137	344	639	349	988	875	243	493	233	726	1794	831	1466	467	1933	503	225	406	137	543	5801	3337	4803	749	5552			
30	30	A & N Islands	29	33	3	33	15	13	28	9	1	3	3	13	8	1	3	4	1	3	4	1	3	4	1	3	4	0	0	0	0	0	0	0	0	0	0
31	31	Chandigarh	24	31	6	29	0	17	17	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	0		
32	32	D & N Haveli	30	28	26	23	14	0	14	28	14	27	0	27	2	1	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
33	33	Daman & Diu	31	27	15	25	21	31	31	52	12	4	10	8	18	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
34	34	Delhi	898	16	222	18	176	593	440	117	132	307	439	935	250	119	699	818	380	115	44	299	343	720	203	139	474	613	3142	783	510	2504	3104				
35	35	Lakshadweep	0	35	0	34	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	0	0	0	0	0	
36	36	Puducherry	296	21	38	21	110	191	301	246	38	1164	275	239	466	127	155	282	256	35	127	190	317	185	21	52	140	192	375	28	124	360	236	360	236		
Total		57652	15085	21872	33172	55589	26720	2866	10219	13754	24003	28125	7652	10219	16149	26178	2557	2931	8404	13007	24111	6165	2430	11763	19193	31975	10685	12687	20357	32044	30304	30304	30304	30304	30304		

Accidents Classified according to Type of Traffic Control during the calendar year 2018

S.No	States/UTs	Traffic Light Signal				Police Controlled				Stop Sign				Flashing Signal/Blinder				Uncontrolled				Others														
		Persons Killed		Persons Injured		Total Persons Killed		Persons Injured		Persons Killed		Persons Injured		Persons Killed		Persons Injured		Persons Killed		Persons Injured		Persons Killed		Persons Injured												
		Total number of Accidents	Grievously Injured	Minor Injury	Injured	Total	Number of Accidents	Grievously Injured	Minor Injury	Total	Number of Accidents	Grievously Injured	Minor Injury	Total	Number of Accidents	Grievously Injured	Minor Injury	Total	Number of Accidents	Grievously Injured	Minor Injury	Total	Number of Accidents	Grievously 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	24	25	26	27	28	29	30	31	32	33	34			
1	Andhra Pradesh	555	162	263	314	577	779	323	432	755	387	152	216	230	446	552	204	216	325	541	5164	7	169	7	1787	5017	3230	5017	17038	5168	3662	12458	1620			
2	Arunachal Pradesh	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	0	0	0	0	0	0	0	0	0	0
3	Assam	173	34	106	35	141	183	37	133	47	180	140	29	75	9	94	173	30	96	24	120	174	14	646	16	1303	232	1535	5015	2190	4251	1054	5035			
4	Bihar	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	0	0	0	0	0	0	0	0	0	0
5	Chhattisgarh	136	14	22	65	87	159	39	16	143	159	124	24	15	60	75	91	21	5	52	303	10	951	13	610	14	1044	2554	1051	3543	1829	7954	9783			
6	Goa	49	2	1	5	6	73	4	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Gujarat	397	141	142	167	309	485	157	211	290	501	292	123	140	116	256	273	131	98	157	255	6025	6	2055	5	2898	2632	5530	11297	5389	6123	4493	10616			
8	Haryana	268	121	59	169	238	245	121	46	140	186	286	134	70	163	233	387	162	100	244	344	365	21	150	20	39	157	196	9637	4430	1805	7028	8833			
9	Himachal Pradesh	4	0	2	0	2	6	1	0	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	Jammu & Kashmir	2	0	0	2	2	48	8	7	57	64	26	2	16	21	37	35	7	25	66	91	1662	17	260	18	1218	1176	2394	4205	707	2963	2354				
11	Jharkhand	1006	576	396	99	495	623	397	245	79	324	206	191	176	50	226	397	242	230	65	295	365	21	239	19	184	44	228	2597	1897	1937	470	2407			
12	Karnataka	1066	98	531	493	1024	711	91	437	712	191	25	80	94	174	306	68	137	168	305	4149	9	883	14	2308	1880	4188	3264	9825	17784	45159					
13	Kerala	949	80	695	289	984	1563	111	1191	462	1653	212	19	184	47	231	429	51	366	120	486	4	1287	10	10540	4223	14763	24049	2155	18906	8645					
14	Madhya Pradesh	202	20	25	157	182	551	55	50	395	445	307	35	59	196	255	202	21	32	128	160	16623	1	2608	4	1788	14166	15934	33512	7867	4136	35530	37666			
15	Maharashtra	477	127	344	128	472	175	40	83	85	168	266	59	214	93	307	214	53	129	64	193	3166	12	1308	912	2220	31419	12024	18257	9748	28005					
16	Manipur	8	0	0	18	21	3	14	28	42	2	0	1	3	0	0	0	0	0	0	104	24	26	60	60	101	161	466	105	226	592	818				
17	Meghalaya	35	17	11	7	18	7	5	2	1	3	9	8	2	0	2	34	9	9	11	20	72	27	14	29	33	13	46	242	129	55	61	116			
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	34	9	31	2	8	10	41	36	28	42	70				
19	Nagaland	0	0	0	0	0	0	0	16	2	5	7	12	0	0	0	0	0	0	0	234	23	32	25	111	115	226	180	5	28	69	97				
20	Orissa	174	63	89	78	167	121	51	57	46	103	172	71	105	43	148	114	57	74	38	112	269	13	1207	11	1551	1154	2705	8022	3866	4346	4213	8559			
21	Punjab	631	367	199	128	327	294	182	92	50	142	258	94	51	145	427	273	163	93	256	1821	16	1310	9	611	215	826	2997	2402	1033	635	1688				
22	Rajasthan	357	72	135	230	365	185	37	56	132	188	65	13	20	28	48	60	21	34	29	63	4576	8	2052	6	1531	2163	4294	16500	8125	4941	11648	16599			
23	Sikkim	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	0	0	0	0	0	0	0	0	0	
24	Tamil Nadu	2965	561	462	2853	3315	1553	351	328	1398	1726	842	202	238	631	889	1499	264	287	1477	1764	1646	2	2985	3	1309	16557	17666	40915	7853	3375	45802	49777			
25	Telangana	642	84	38	499	557	281	52	22	230	252	341	79	35	282	317	564	137	40	481	321	1129	5	3470	2	125	1149	12384	9143	2781	931	8651	9582			
26	Tripura	0	0	0	0	0	15	3	16	0	0	0	0	0	0	0	0	0	0	0	15	33	3	32	20	0	20	522	207	692	13	705				
27	Uttarakhand	34	11	31	7	38	26	11	20	6	26	13	4	7	9	16	0	0	0	0	96	25	34	24	64	20	84	129	987	1219	188	1407				
28	Uttar Pradesh	730	347	443	203	646	1237	1163	554	1717	1903	1005	836	485	1321	1310	743	769	256	1025	13665	3	72025	1	2763	9398	22574	11719	10471	5086	15557					
29	West Bengal	1819	228	915	637	1552	1388	554	1038	328	1366	230	53	135	89	224	264	27	149	98	247	3203	10	1512	8	2337	719	3056	5801	3337	4803	749				
30	A & N Islands	6	2	1	3	4	9	5	3	8	0	0	0	0	0	0	0	0	0	0	31	31	3	32	13	208	14	207	33	208	140	215				
31	Chandigarh	73	15	8	76	84	2	0	0	0	0	0	0	0	0	0	0	0	0	0	45	30	12	30	2	36	38	189	69	11	157	168				
32	D & N Haveli	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	28	37	23	39	0	39	20	13	19	2	21				
33	Daman & Diu	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	0	0	0	0	0	0	0	0	0	
34	Delhi	699	143	129	458	587	194	36	56	124	180	217	35	36	155	191	320	157	37	221	258	1943	15	516	17	392	1414	1766	3142	783	510	2594	3104			
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	
36	Puducherry	266	38	64	215	279	229	41	113	129	242	23	2	14	12	26	154	23	44	144	188	550	19	94	21	292	340	632	375	28	124	236	360			
	Total	13726	3325	5133	7335	12468	5984	6513	4090	2769	2896	5665	7904	2757	3084	4294	7578	114133	33149	0	40984	68360	109344	17704	287048	464752	751800	1210522	0	0	0					

Accidents Classified according to Type of Weather Condition during the calendar year 2018

Accidents classified according to type of impacting vehicles/ objects : 2018

Sl. No.	States/UTs	Motorised Two Wheeler			Auto rickshaw			car/Jeep/Van/Taxi			Bus		
		Number of Road Accidents	Killed	Greviously Injured	Number of Persons	Number of Road Accidents	Killed	Greviously Injured	Number of Persons	Number of Road Accidents	Killed	Greviously Injured	Number of Persons
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andhra Pradesh	2155	8593	2230	1918	4721	2669	633	935	2837	5073	1179	1536
2	Arunachal Pradesh	41	66	41	27	11	12	9	13	53	49	43	29
3	Assam	745	1958	808	1479	354	475	131	393	92	1665	594	1309
4	Bihar	2551	3720	2717	1919	394	689	387	615	72	1487	1014	747
5	Chhattisgarh	1526	5396	1608	1015	3827	392	51	65	292	2411	569	475
6	Goa	116	1700	120	141	696	42	4	9	8	1366	78	137
7	Gujarat	2169	5848	2364	2984	2069	1516	462	869	874	5004	1809	2806
8	Haryana	721	2228	770	563	1476	397	139	107	316	3103	1330	541
9	Himachal Pradesh	203	783	293	640	878	19	6	13	53	1424	538	494
10	Jammu & Kashmir	183	1463	193	966	725	79	10	56	41	2214	284	1499
11	Jharkhand	1323	2163	1376	1091	230	484	286	304	103	715	465	498
12	Karnataka	4111	16208	4352	8067	10258	2392	516	1406	2537	10227	2096	5251
13	Kerala	1581	16518	1643	13482	3929	3359	196	2861	1259	12412	1049	1049
14	Madhya Pradesh	3146	19966	3277	2404	17802	2387	234	328	2597	10549	2014	1385
15	Maharashtra	4781	13732	5143	7278	3825	2332	613	1470	939	7591	2450	4902
16	Manipur	27	156	30	60	178	36	6	14	85	229	36	110
17	Meghalaya	28	44	31	13	8	5	4	0	71	36	14	8
18	Mizoram	6	7	8	2	0	3	3	1	1	18	14	6
19	Nagaland	9	97	6	25	30	92	7	35	30	151	19	57
20	Odisha	2061	4413	2173	2209	1607	652	225	460	643	1922	791	1094
21	Punjab	1489	2135	1581	674	370	294	208	143	80	1571	1167	488
22	Rajasthan	2110	5406	2429	1764	3153	371	100	118	270	7265	3027	2273
23	Sikkim	6	20	6	15	16	0	0	0	0	134	73	152
24	Tamil Nadu	3831	26470	3965	2426	25928	2797	274	269	3532	17478	3068	1837
25	Telangana	2033	6845	2126	717	5710	2080	490	265	2740	5400	1127	637
26	Tripura	72	177	78	148	5	59	25	85	5	181	54	292
27	Uttarakhand	212	472	230	340	57	33	17	47	5	423	315	438
28	Uttar Pradesh	5625	12258	6194	5438	2586	2964	1398	1558	784	7732	3992	3689
29	West Bengal	1157	2651	1208	1821	300	370	124	313	73	3198	1127	2364
30	Andaman & Nicobar Islands	5	112	5	25	75	15	1	1	17	87	4	22
31	Chandigarh	22	54	22	5	48	13	6	0	9	194	40	14
32	Dadra & Nagar Haveli	17	26	20	24	2	2	0	0	0	13	5	15
33	Daman & Diu	13	26	14	15	14	2	2	1	1	22	5	18
34	Delhi	404	1875	410	246	1508	286	47	57	249	1717	354	324
35	Lakshadweep	1	1	1	0	0	0	0	0	0	0	0	0
36	Puducherry	88	726	88	328	530	64	7	37	52	390	39	148
	Total	44568	164313	47560	60270	93315	27385	6624	113490	20605	113490	30811	45624
												77893	30746
												14591	28349

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

Accidents classified according to type of impacting vehicles/ objects : 2018

Sl. No.	States/UTs	Truck/Lorry				Heavy Articulated Vehicle/ Trolley				Tempo/Tractor				E-Rickshaw			
		Number of Road Accidents	Number of Persons Killed	Number of Persons Previously Injured	Number of Road Accidents	Number of Persons Killed	Number of Persons Previously Injured	Number of Road Accidents	Number of Persons Killed	Number of Persons Previously Injured	Number of Road Accidents	Number of Persons Killed	Number of Persons Previously Injured	Number of Road Accidents	Number of Persons Killed	Number of Persons Previously Injured	
1	2	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	Andhra Pradesh	3883	1556	1026	2684	171	71	42	110	1231	571	268	906	0	0	0	0
2	Arunachal Pradesh	23	15	20	16	0	0	0	0	0	0	0	0	0	0	0	0
3	Assam	921	310	571	132	269	68	137	44	478	144	315	74	76	26	40	30
4	Bihar	1116	822	499	134	245	182	117	32	1290	846	772	235	58	30	30	23
5	Chhattisgarh	2104	808	299	1224	667	183	76	438	876	457	165	750	7	1	2	5
6	Goa	281	26	21	53	35	4	2	3	32	5	3	16	1	0	0	0
7	Gujarat	2681	1457	1210	908	422	202	288	243	1131	592	577	448	3	0	0	4
8	Haryana	1713	937	214	956	581	282	168	352	909	378	145	668	50	25	8	29
9	Himachal Pradesh	343	119	71	201	18	6	9	13	131	68	37	67	0	0	0	0
10	Jammu & Kashmir	614	122	237	357	153	50	147	131	282	70	205	89	30	9	57	38
11	Jharkhand	699	535	343	64	180	129	109	13	427	288	316	60	25	18	11	4
12	Karnataka	4886	1475	2230	3208	265	99	161	183	2786	860	1490	2236	0	0	0	0
13	Kerala	2392	541	1599	921	556	82	427	186	1173	173	885	430	0	0	0	0
14	Madhya Pradesh	6374	1996	591	1110	344	177	739	3085	1061	389	2962	107	20	17	126	
15	Maharashtra	3925	1719	1932	1085	1378	636	662	320	2690	1137	1473	766	2	1	0	0
16	Manipur	95	41	62	59	7	3	0	5	1	0	0	1	0	0	0	0
17	Meghalaya	55	38	7	8	4	4	1	0	11	5	5	2	0	0	0	0
18	Mizoram	17	13	12	6	6	6	9	0	0	0	0	0	0	0	0	0
19	Nagaland	65	7	22	31	0	0	0	0	0	0	0	0	0	0	0	0
20	Odisha	1985	918	1005	726	359	191	210	180	595	314	324	373	14	3	28	20
21	Punjab	589	429	241	116	250	177	70	49	333	267	120	46	87	56	30	5
22	Rajasthan	3457	2000	933	2237	325	195	78	163	1548	835	448	1141	6	6	4	3
23	Sikkim	26	6	29	12	0	0	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	6731	1938	580	6646	107	84	13	37	419	105	47	313	0	0	0	0
25	Telangana	3396	1068	210	3022	132	47	14	130	850	428	92	890	0	0	0	0
26	Tripura	74	36	78	2	10	3	10	0	4	2	11	0	1	1	4	0
27	Uttarakhand	141	120	120	17	22	12	26	0	33	54	23	14	0	0	0	0
28	Uttar Pradesh	4626	2768	2178	836	1710	956	827	364	2419	1234	1249	641	877	404	507	220
29	West Bengal	3634	1825	2483	529	222	110	133	66	368	227	246	59	5	2	2	1
30	Andaman & Nicobar Islands	16	4	3	5	0	0	0	0	0	0	0	0	0	0	0	0
31	Chandigarh	23	13	1	27	0	0	0	0	4	1	1	3	0	0	0	0
32	Dadra & Nagar Haveli	18	14	15	0	0	0	0	0	11	6	0	0	0	0	0	0
33	Daman & Diu	12	8	4	3	0	0	0	0	6	3	1	0	0	0	0	0
34	Delhi	393	170	67	220	99	41	13	59	282	56	51	251	121	19	12	101
35	Lakshadweep	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
36	Puducherry	133	14	44	73	0	0	0	0	73	16	39	56	0	0	0	0
	Total	57441	23868	18957	32209	9303	4167	3926	3860	10203	9707	13498	1470	621	752	609	

contd...

Accidents classified according to type of impacting vehicles/ objects : 2018

Sl. No.	States/UTs	Bicycle				Cycle Rickshaw				Hand Drawn Cart				Animal Drawn Cart				Others(*)					
		Number of Persons		Number of Road Accidents	Killed	Number of Persons		Number of Road Accidents	Killed	Number of Persons		Number of Road Accidents	Killed	Number of Persons		Number of Road Accidents	Killed	Number of Persons		Number of Road Accidents	Killed		
		Previously Injured	Minor Injured		Injured	Previously Injured	Minor Injured		Injured	Previously Injured	Minor Injured		Injured	Previously Injured	Minor Injured		Injured	Previously Injured	Minor Injured		Injured		
1	2	35	36	37	40	41	42	43	45	46	47	48	50	51	52	53	55	56	57	58			
1	Andhra Pradesh	34	6	22	18	7	2	0	11	0	0	0	0	17	7	7	1225	671	247	609			
2	Arunachal Pradesh	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	91	44	81	24		
3	Assam	269	128	163	34	41	13	21	12	1	1	0	180	6	8	0	1221	515	791	165			
4	Bihar	203	153	63	15	47	26	23	8	0	0	0	0	0	0	0	63	44	13	21			
5	Chhattisgarh	133	50	29	71	0	0	0	4	0	4	15	8	0	0	6	1319	670	207	1012			
6	Goa	0	0	0	0	0	0	0	0	0	0	0	0	59	13	6	8	0	0	0	0		
7	Gujarat	177	84	65	74	26	11	8	13	42	12	13	24	45	24	12	21	1021	633	277	306		
8	Haryana	273	125	37	132	76	27	22	61	51	25	11	21	54	21	17	26	1314	854	193	1220		
9	Himachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226	81	104	108		
10	Jammu & Kashmir	7	0	2	6	0	0	0	0	0	0	0	0	46	10	0	52	665	136	598	194		
11	Jharkhand	42	24	11	2	59	31	26	3	5	1	0	0	19	8	6	19	361	244	182	71		
12	Karnataka	2	0	3	0	0	0	0	2	0	4	0	4	0	0	0	0	3	2052	798	883	949	
13	Kerala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190	55	95	53		
14	Madhya Pradesh	116	11	19	116	6	3	0	2	5	0	5	2	29	9	5	25	4830	1090	425	3970		
15	Maharashtra	413	125	226	142	3	0	3	0	6	2	1	3	16	5	18	1	1940	907	964	455		
16	Manipur	7	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	59	15	51	34		
17	Meghalaya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198	58	64	72		
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
19	Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
20	Odisha	132	88	30	21	3	3	7	0	0	0	0	0	11	1	3	6	636	376	322	346		
21	Punjab	89	70	18	11	65	33	25	13	29	20	5	5	121	107	34	16	418	371	73	65		
22	Rajasthan	46	22	17	15	0	0	0	0	0	0	0	0	12	6	1	1	2001	1055	502	1110		
23	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24	Tamil Nadu	215	141	21	55	0	0	0	0	0	0	0	0	0	0	0	0	4481	1170	402	4073		
25	Telangana	69	21	9	42	3	1	0	2	0	0	0	5	4	0	0	5	2170	862	215	1669		
26	Tripura	9	2	12	0	1	1	0	0	0	0	0	0	0	0	0	0	8	5	20	0		
27	Uttarakhand	32	30	2	0	20	10	17	0	0	0	0	0	0	0	0	0	196	114	132	9		
28	Uttar Pradesh	1393	709	693	332	473	277	239	133	205	139	75	29	490	270	250	116	4305	2231	2071	1128		
29	West Bengal	4	2	2	0	1	0	0	0	0	0	0	0	1	0	0	0	883	564	409	83		
30	Andaman & Nicobar Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
31	Chandigarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	9	0	5		
32	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	2	0		
33	Daman & Diu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	4	2		
34	Delhi	104	20	12	83	60	13	6	45	5	1	0	6	30	22	3	5	1268	456	281	754		
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
36	Puducherry	38	9	4	25	0	0	0	0	0	0	0	0	1	0	0	0	33	23	7	11		
	Total	3811	1822	1459	1207	891	451	398	303	355	201	115	94	1155	522	375	317	33204	14060	9615	18518		

(*). Others includes pedestrian, animal tree, and other fixed objects

Accidents Classified according to Age of impacting Vehicles during the calendar Year 2018

NP : Not Ponorogo

NR : Not Reported

Accidents classified according to Load Condition of Involved Vehicle during the calendar year 2018

Sl. No.	States/UTs	Normally Loaded			Overloaded/Hangin			Others		
		No. of Accidents	No. of Persons		No. of Accidents	No. of Persons		No. of Accidents	No. of Persons	
			Killed	Injured		Killed	Injured		Killed	Injured
1	2	3	4	5	6	7	8	9	10	
1	Andhra Pradesh	13037	4435	13392	3070	880	3359	8368	2241	6705
2	Arunachal Pradesh	120	71	122	87	61	110	70	43	91
3	Assam	5369	1964	4955	1431	432	1157	1448	570	1263
4	Bihar	6340	4477	4171	1396	979	1149	1864	1273	1359
5	Chhattisgarh	6352	1972	6074	471	146	508	7041	2474	6133
6	Goa	3708	262	1549	1	0	0	0	0	0
7	Gujarat	13482	5469	12647	1586	765	1630	3701	1762	3190
8	Haryana	1951	823	1710	551	252	1055	8736	4043	7255
9	Himachal Pradesh	2621	1064	4760	130	89	655	359	55	136
10	Jammu & Kashmir	1532	254	2196	339	58	525	4107	672	5124
11	Jharkhand	2255	1488	1852	810	520	672	2329	1534	1451
12	Karnataka	29405	7597	36582	2717	801	3714	9585	2592	11266
13	Kerala	37473	3972	42434	180	58	254	2528	273	2770
14	Madhya Pradesh	27933	6057	30964	5384	1027	5724	18080	3622	17974
15	Maharashtra	19111	6778	17410	4960	2331	4043	11646	4152	9912
16	Manipur	357	79	641	106	26	193	138	29	208
17	Meghalaya	51	26	25	51	24	26	297	132	154
18	Mizoram	29	30	60	4	3	2	20	12	18
19	Nagaland	135	25	144	0	0	0	295	14	191
20	Odisha	6128	2769	5988	1977	919	2419	3157	1627	3387
21	Punjab	3055	2356	1546	588	432	425	2785	1952	1413
22	Rajasthan	14901	6939	14977	1613	830	1819	5229	2551	4751
23	Sikkim	114	56	260	39	21	64	27	8	46
24	Tamil Nadu	42803	8535	50194	8330	1775	9361	12787	1906	14982
25	Telangana	14861	4527	15818	1713	539	2318	5656	1537	5477
26	Tripura	411	146	561	92	43	160	49	24	20
27	Uttarakhand	776	585	871	125	162	223	567	300	477
28	Uttar Pradesh	16379	8498	10981	8621	4429	5909	17568	9329	12774
29	West Bengal	4917	2074	5063	330	265	470	7458	3372	6464
30	Andaman & Nicobar Islands	254	19	260	0	0	0	0	0	0
31	Chandigarh	316	98	300	0	0	0	0	0	0
32	Dadra & Nagar Haveli	39	28	36	0	0	0	41	26	30
33	Daman & Diu	49	23	74	0	0	0	27	12	20
34	Delhi	1955	448	1959	387	112	386	4173	1130	3741
35	Lakshadweep	2	1	2	0	0	0	1	0	1
36	Puducherry	914	118	1036	3	2	13	680	106	678
Total		279135	84063	291614	47092	17981	48343	140817	49373	129461
Total All India								467044	151417	469418

Male and Female Persons Killed in Road Accidents in terms of Road User categories in 2018

S.no	States/Uts	Pedestrian			Bicycles			Two Wheelers			Auto Rickshaws			Cars, taxies Vans & LMV			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	1252	317	1569	166	5	171	2892	272	3164	7	455	157	612	528	112	640
2	Arunachal Pradesh	3	5	8	2	0	2	41	0	41	26	7	2	9	44	10	54
3	Assam	406	109	515	119	9	128	722	86	808	17	99	32	131	505	89	594
4	Bihar	593	163	756	119	34	153	2451	266	2717	8	291	96	387	865	149	1014
5	Chhattisgarh	342	96	438	119	14	133	1979	214	2193	12	52	17	69	379	56	435
6	Goa	40	9	49	4	0	4	155	27	182	23	1	0	1	16	5	21
7	Gujarat	929	241	1170	121	9	130	2237	309	2546	10	368	98	466	1363	263	1626
8	Haryana	1337	134	1471	123	20	143	1585	131	1716	15	167	27	194	590	97	687
9	Himachal Pradesh	147	35	182	8	0	8	262	31	293	20	5	0	5	421	87	508
10	Jammu & Kashmir	85	18	103	0	0	0	162	23	185	22	6	1	7	254	57	311
11	Jharkhand	306	39	345	57	3	60	1397	154	1551	16	172	51	223	336	54	390
12	Karnataka	1212	307	1519	46	0	46	4377	520	4897	3	412	130	542	1510	278	1788
13	Kerala	970	280	1250	86	0	86	2018	303	2321	11	129	27	156	269	74	343
14	Madhya Pradesh	1203	301	1504	115	17	132	3664	420	4084	4	177	52	229	1227	221	1448
15	Maharashtra	2046	469	2515	169	23	192	5343	595	5958	2	412	79	491	1590	302	1892
16	Manipur	17	4	21	3	0	3	36	3	39	28	5	0	5	22	3	25
17	Meghalaya	16	9	25	0	0	0	24	7	31	29	5	0	5	28	8	36
18	Mizoram	9	0	9	0	0	0	5	1	6	33	2	1	3	8	7	15
19	Nagaland	6	1	7	0	0	0	4	0	4	35	5	1	6	13	5	18
20	Orissa	576	130	706	195	10	205	2008	176	2184	13	201	34	235	522	74	596
21	Punjab	360	55	415	116	7	123	1588	218	1806	14	154	39	193	933	216	1209
22	Rajasthan	1186	262	1448	58	5	63	3184	332	3516	6	155	38	193	2069	287	2356
23	Sikkim	2	1	3	0	0	0	6	0	6	33	0	0	0	55	15	70
24	Tamil Nadu	540	228	768	123	18	141	3406	559	3965	5	236	38	274	2411	762	3173
25	Telangana	851	242	1093	57	1	58	2309	274	2583	9	308	112	420	625	157	782
26	Tripura	57	11	68	4	0	4	61	4	65	25	17	2	19	28	4	32
27	Uttarakhand	120	26	146	28	2	30	184	38	222	21	14	3	17	224	73	297
28	Uttar Pradesh	1133	233	1366	1131	240	1371	5955	863	6818	1	1258	308	1566	3276	676	3952
29	West Bengal	2187	431	2618	171	17	188	626	58	684	18	74	21	95	471	58	529
30	A & N Islands	4	2	6	0	0	0	9	1	10	32	2	0	2	1	0	1
31	Chandigarh	27	8	35	10	1	11	35	5	40	27	3	0	3	6	1	7
32	D & N Haveli	18	4	22	2	0	2	21	6	27	30	1	0	1	2	0	2
33	Daman & Diu	9	2	11	0	0	0	19	1	20	31	2	0	2	1	0	1
34	Delhi	357	63	420	55	1	56	510	64	574	19	58	6	64	229	26	255
35	Lakshadweep	0	0	0	0	0	0	1	0	1	36	0	0	0	0	0	0
36	Puducherry	61	14	75	30	0	30	88	11	99	24	4	0	4	6	2	8
Total		18407	4249	22656	3237	436	3673	49364	5972	55336	5257	1372	6629	20837	4228	25115	

contd....

Male and Female Persons Killed in Road Accidents in terms of Road User categories in 2018

S.no	States/Uts	Trucks/Lorries				Buses			Other Motor vehicles			Other Persons		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Andhra Pradesh	694	87	781	183	42	225	215	49	264	101	29	130	
2	Arunachal Pradesh	14	0	14	40	7	47	0	0	0	0	0	0	
3	Assam	303	7	310	192	30	222	241	17	258	0	0	0	
4	Bihar	735	87	822	421	87	508	284	88	372	0	0	0	
5	Chhattisgarh	426	35	461	101	21	122	568	77	645	89	7	96	
6	Goa	2	1	3	0	0	0	0	0	0	2	0	2	
7	Gujarat	972	139	1111	220	57	277	403	62	465	181	24	205	
8	Haryana	377	23	400	105	12	117	254	29	283	95	12	107	
9	Himachal Pradesh	63	1	64	47	35	82	64	2	66	0	0	0	
10	Jammu & Kashmir	73	5	78	74	10	84	182	20	202	10	4	14	
11	Jharkhand	255	10	265	112	32	144	224	19	243	303	18	321	
12	Karnataka	934	44	978	521	123	644	465	111	576	0	0	0	
13	Kerala	45	0	45	39	12	51	34	3	37	14	0	14	
14	Madhya Pradesh	923	94	1017	425	99	524	1155	165	1320	399	49	448	
15	Maharashtra	821	64	885	274	44	318	697	90	787	200	43	243	
16	Manipur	28	3	31	2	1	3	7	0	7	0	0	0	
17	Meghalaya	36	2	38	3	1	4	31	12	43	0	0	0	
18	Mizoram	3	3	6	2	4	6	0	0	0	0	0	0	
19	Nagaland	4	0	4	0	0	0	0	0	0	0	0	0	
20	Orissa	575	29	604	184	37	221	334	28	362	175	27	202	
21	Punjab	279	29	308	149	47	196	346	15	361	118	11	129	
22	Rajasthan	1091	62	1153	420	68	488	833	91	924	169	10	179	
23	Sikkim	6	0	6	0	0	0	0	0	0	0	0	0	
24	Tamil Nadu	1770	168	1938	995	476	1471	343	52	395	80	11	91	
25	Telangana	570	85	655	205	83	288	638	86	724	0	0	0	
26	Tripura	10	2	12	5	1	6	6	1	7	0	0	0	
27	Uttarakhand	114	3	117	102	35	137	42	30	72	8	1	9	
28	Uttar Pradesh	1916	165	2081	1296	361	1657	1939	366	2305	985	155	1140	
29	West Bengal	816	80	896	222	44	266	237	90	327	96	12	108	
30	A & N Islands	0	0	0	0	0	0	0	0	0	0	0	0	
31	Chandigarh	1	0	1	0	0	0	0	0	1	0	1	1	
32	D & N Haveli	0	0	0	0	0	0	0	0	0	0	0	0	
33	Daman & Diu	1	0	1	0	0	0	0	0	0	0	0	0	
34	Delhi	60	4	64	50	1	51	54	10	64	135	7	142	
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	
36	Puducherry	1	0	1	5	0	5	0	0	4	0	4	4	
	Total	13918	1232	15150	6394	1770	8164	9596	1513	11109	3165	420	3585	

Total number of Persons Killed according to classification of age and sex 2018

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	247	83	1220	164	1625	232	1648	225	1256	255	475	111	15	0
2	Arunachal Pradesh	14	2	32	4	42	8	37	8	20	2	6	0	0	0
3	Assam	116	22	806	93	789	102	590	111	250	33	21	9	15	9
4	Bihar	298	87	1435	235	1467	222	1222	220	974	128	363	78	0	0
5	Chhattisgarh	230	54	950	85	1376	128	843	123	454	82	131	49	71	16
6	Goa	6	5	39	6	55	6	41	8	49	12	26	9	0	0
7	Gujarat	327	81	1462	236	1995	319	1620	301	953	185	258	59	179	21
8	Haryana	300	53	1004	96	1152	121	973	91	650	67	225	35	329	22
9	Himachal Pradesh	57	39	173	19	319	29	191	27	192	48	85	29	0	0
10	Jammu & Kashmir	47	14	216	38	264	23	197	41	68	20	21	0	33	2
11	Jharkhand	189	57	890	73	693	85	420	61	354	37	52	8	564	59
12	Karnataka	308	104	2069	312	2843	368	2293	330	1494	274	470	125	0	0
13	Kerala	135	57	676	29	525	52	526	90	835	229	882	239	25	3
14	Madhya Pradesh	736	175	2212	253	2814	368	1860	277	1067	223	490	96	109	26
15	Maharashtra	366	99	2413	331	3129	476	2903	398	1971	274	563	113	207	18
16	Manipur	12	3	19	3	23	2	25	3	30	3	5	0	6	0
17	Meghalaya	0	0	28	10	46	17	41	15	23	2	0	0	0	0
18	Mizoram	3	1	7	2	10	3	8	1	4	2	2	2	0	0
19	Nagaland	2	0	8	4	9	2	5	1	5	0	1	0	2	0
20	Orissa	281	55	1102	105	1370	138	1058	119	658	91	151	24	150	13
21	Punjab	170	33	925	129	1168	204	865	189	677	117	155	30	74	4
22	Rajasthan	481	132	2502	274	2878	342	2162	236	938	131	164	37	40	3
23	Sikkim	5	1	18	6	18	7	14	4	8	1	2	0	1	0
24	Tamil Nadu	581	223	1856	363	2350	493	2241	486	1787	428	1054	315	35	4
25	Telangana	248	92	1114	132	1587	261	1317	257	921	204	376	94	0	0
26	Tripura	8	3	63	5	58	5	31	9	21	3	5	0	2	0
27	Uttarakhand	53	23	190	41	245	46	207	49	106	33	31	16	4	3
28	Uttar Pradesh	2246	518	4424	798	4363	785	3570	579	2304	354	922	155	1060	178
29	West Bengal	253	123	562	49	1231	119	931	155	1035	186	293	79	595	100
30	Andaman & Nicobar Islands	1	0	4	1	7	0	4	0	0	1	0	1	0	0
31	Chandigarh	8	3	14	4	16	2	16	2	15	1	14	3	0	0
32	Dadra & Nagar Haveli	2	1	10	2	10	3	8	1	10	2	4	1	0	0
33	Daman & Diu	2	1	12	1	9	0	5	0	4	0	1	0	0	0
34	Delhi	72	12	350	34	417	45	292	39	162	18	78	10	137	24
35	Lakshadweep	0	0	0	0	0	0	0	1	0	0	0	0	0	0
36	Puducherry	13	4	30	5	40	4	46	6	47	9	17	5	0	0
	Total	7817	2160	28835	3942	34943	5017	28210	4462	19343	3455	7343	1732	3653	505

Drivers Killed according to classification of age and sex, 2018

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	43	4	563	23	774	20	800	30	556	14	134	6	8	0
2	Arunachal Pradesh	7	0	14	0	20	0	19	0	10	0	0	0	0	0
3	Assam	27	2	301	13	270	5	203	3	71	0	2	0	8	0
4	Bihar	0	0	611	3	502	2	328	1	195	0	20	0	0	0
5	Chhattisgarh	49	2	584	17	822	14	441	9	213	4	0	0	34	1
6	Goa	2	0	26	2	43	3	28	3	35	1	9	0	0	0
7	Gujarat	86	5	679	18	883	27	670	22	391	12	72	2	116	0
8	Haryana	96	6	390	11	493	10	339	8	219	8	88	2	138	2
9	Himachal Pradesh	10	0	89	1	192	3	94	0	84	3	12	0	0	0
10	Jammu & Kashmir	14	0	80	1	118	0	81	0	21	0	1	0	5	1
11	Jharkhand	68	23	657	20	360	22	159	19	132	19	14	0	154	19
12	Karnataka	47	1	1072	17	1419	13	1032	8	609	4	131	0	0	0
13	Kerala	37	1	485	6	389	12	362	19	398	9	215	5	12	0
14	Madhya Pradesh	208	2	936	8	1270	16	812	10	403	5	142	1	48	0
15	Maharashtra	90	7	1255	30	1653	45	1392	20	955	12	204	2	118	3
16	Manipur	8	0	8	1	16	0	10	0	13	0	1	0	3	0
17	Meghalaya	0	0	19	4	28	7	25	7	16	1	0	0	0	0
18	Meizoram	0	0	0	0	3	0	2	0	0	0	0	0	0	0
19	Nagaland	0	0	2	0	4	1	2	0	3	0	0	1	0	0
20	Orissa	67	1	535	10	589	5	399	3	225	1	28	0	62	0
21	Punjab	53	3	449	44	554	56	429	48	307	26	43	9	45	1
22	Rajasthan	117	6	1275	26	1398	27	994	8	333	5	37	0	22	0
23	Sikkim	3	0	2	1	1	0	2	1	1	0	0	1	0	0
24	Tamil Nadu	65	1	949	42	1178	64	1121	49	851	34	289	6	19	0
25	Telangana	55	0	562	15	776	4	606	4	421	1	126	2	0	0
26	Tripura	1	0	26	0	22	0	4	0	1	0	0	0	0	0
27	Uttarakhand	12	0	69	4	90	5	67	3	23	1	4	0	1	0
28	Uttar Pradesh	744	82	2040	152	1853	116	1509	80	934	36	289	24	427	18
29	West Bengal	47	10	195	4	395	15	271	23	220	8	40	0	247	41
30	Andaman & Nicobar Islands	0	0	2	1	2	0	1	0	0	0	0	0	0	0
31	Chandigarh	2	0	8	1	7	1	5	0	5	0	5	0	0	0
32	Dadra & Nagar Haveli	0	0	4	1	7	2	6	0	2	0	1	0	0	0
33	Daman & Diu	1	0	8	0	5	0	3	0	2	0	1	0	0	0
34	Delhi	14	0	169	7	188	4	114	6	49	3	14	0	15	2
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	7	1	10	0	20	2	14	2	20	1	7	2	0	0
	Total	157	14074	483	16344	501	12344	386	7718	208	1929	61	1483	89	39

Passengers Killed according to classification of age and sex, 2018

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Cyclist Killed according to classification of age and sex, 2018

Sr No.	State/UT	18 Yrs Killed		18-25 Killed		25-35 Killed		35-40 Killed		45-60 Killed		60+ above Killed		Age not known Killed
		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
1	Andhra Pradesh	10	0	20	1	27	1	34	0	56	2	19	1	0
2	Arunachal Pradesh	0	0	0	0	1	0	1	0	0	0	0	0	0
3	Assam	21	0	48	1	30	2	24	0	2	0	0	0	0
4	Bihar	29	12	20	8	25	6	34	7	11	1	0	0	0
5	Chhattisgarh	4	2	18	3	22	4	34	2	23	1	13	0	5
6	Goa	0	0	1	0	0	0	1	0	2	0	0	0	0
7	Gujarat	14	1	31	2	35	4	16	1	22	1	3	0	0
8	Haryana	15	2	25	2	24	7	15	2	24	3	11	2	2
9	Himachal Pradesh	0	0	0	0	1	0	0	0	4	0	3	0	0
10	Jammu & Kashmir	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Jharkhand	2	0	9	1	13	2	7	1	5	0	3	0	17
12	Karnataka	4	0	14	0	15	0	5	0	5	0	3	0	0
13	Kerala	4	0	1	0	1	0	4	0	28	0	48	0	0
14	Madhya Pradesh	20	2	31	8	27	5	21	2	11	0	5	0	0
15	Maharashtra	13	2	50	11	35	2	35	4	31	2	4	2	1
16	Manipur	0	0	2	0	0	0	0	1	0	0	0	0	0
17	Meghalaya	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Orissa	30	5	44	1	47	2	36	0	28	2	8	0	2
21	Punjab	7	2	17	1	25	1	20	0	26	2	21	1	0
22	Rajasthan	7	0	11	2	20	3	5	0	5	0	2	0	8
23	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	4	4	14	1	10	1	27	3	34	7	32	2	2
25	Telangana	16	1	10	0	3	0	6	0	16	0	6	0	0
26	Tripura	0	0	3	0	1	0	0	0	0	0	0	0	0
27	Uttarakhand	3	1	9	0	11	0	5	1	0	0	0	0	0
28	Uttar Pradesh	239	58	292	91	226	39	166	32	110	10	31	0	67
29	West Bengal	5	7	17	2	40	0	29	2	49	2	10	1	21
30	Andaman & Nicobar Islands	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Chandigarh	0	0	1	0	0	0	5	1	2	0	2	0	0
32	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Daman & Diu	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Delhi	3	0	11	0	14	1	12	0	7	0	0	0	8
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puttacherry	0	0	7	0	7	0	7	0	9	0	0	0	0
Total	450	99	706	135	660	80	549	58	513	33	224	9	140	17

Pedestrians killed according to classification of age and sex, 2018

Sr No.	State/UT	Less than 18 year		18-25 Years		25-35 Years		35-45 Years		45-60 Years		60 and Above		Age not known	
		Killed		Killed		Killed		Killed		Killed		Killed		Killed	
		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	69	33	190	33	229	45	298	50	292	97	169	59	5	0
2	Arunachal Pradesh	0	0	0	0	2	2	1	3	0	0	0	0	0	0
3	Assam	16	8	125	20	105	8	80	40	75	18	3	6	2	9
4	Bihar	71	22	110	33	147	34	142	40	81	25	42	9	0	0
5	Chhattisgarh	30	9	44	13	80	14	94	18	54	22	32	16	8	4
6	Goa	2	2	0	3	1	8	3	10	4	11	3	0	0	0
7	Gujarat	51	24	115	27	235	44	249	65	178	42	93	34	8	5
8	Haryana	100	13	303	21	290	39	261	26	226	15	70	12	87	8
9	Himachal Pradesh	16	8	6	1	19	3	28	2	40	4	38	17	0	0
10	Jammu & Kashmir	15	7	10	1	15	2	15	3	12	4	7	0	11	1
11	Jharkhand	29	7	57	10	81	10	66	10	37	0	11	0	25	2
12	Karnataka	51	21	137	25	282	48	286	65	296	84	160	64	0	0
13	Kerala	24	19	21	5	37	6	78	6	280	90	520	152	10	2
14	Madhya Pradesh	126	50	213	36	304	65	229	52	178	54	132	38	21	6
15	Maharashtra	102	30	331	71	435	111	506	113	439	77	185	62	48	5
16	Manipur	2	2	1	0	4	0	2	1	5	1	2	0	1	0
17	Meghalaya	0	0	3	2	6	3	5	4	2	0	0	0	0	0
18	Mizoram	2	0	2	0	2	0	1	0	1	0	1	0	0	0
19	Nagaland	0	0	2	1	2	0	1	0	1	0	0	0	0	0
20	Orissa	43	18	89	15	147	26	128	25	114	33	45	12	10	1
21	Punjab	24	11	60	15	88	19	30	21	99	6	30	8	4	0
22	Rajasthan	95	41	234	57	364	69	295	41	150	36	48	18	0	0
23	Sikkim	0	0	0	1	2	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	29	12	59	24	86	31	68	46	157	59	134	54	7	2
25	Telangana	39	14	84	21	196	47	241	61	186	58	105	41	0	0
26	Tripura	5	2	16	1	12	2	8	4	14	2	2	0	0	0
27	Uttarakhand	10	3	29	9	32	4	29	4	16	4	4	2	0	0
28	Uttar Pradesh	169	43	225	55	249	48	199	39	166	23	78	15	47	10
29	West Bengal	138	66	198	18	472	57	417	80	590	121	204	63	168	26
30	Andaman & Nicobar Islands	0	0	0	0	2	0	2	0	0	1	0	1	0	0
31	Chandigarh	2	2	3	1	7	1	3	0	5	1	7	3	0	0
32	Dadra & Nagar Haveli	1	1	5	0	3	0	2	1	5	1	2	1	0	0
33	Daman & Diu	1	1	1	0	4	0	2	0	2	0	0	0	0	0
34	Delhi	27	5	77	12	89	13	97	15	53	6	12	7	2	5
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	5	1	6	4	7	1	21	1	12	6	9	2	0	0
Total	1294	475	2758	532	4038	753	3892	839	3776	894	2156	699	464	86	

Accidents Classified according to Type of Traffic Violations during the calendar year 2018

S.No	States/UTs	Over-Speeding				Drunken Driving/ Consumption of alcohol & drug				Driving on Wrong side				Jumping Red Light				Use of Mobile Phone				
		Persons Killed		Persons Injured		Persons Killed		Persons Injured		Number of Accidents		Number of Persons Killed		Persons Injured		Number of Persons Killed		Persons Injured		Number of Persons Killed		
		Number	Rank	Number	Rank	Number	Rank	Number	Rank	Total	Injured	Grevously Injured	Injured	Total	Injured	Grevously Injured	Injured	Total	Injured	Grevously Injured	Injured	
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	17740	7	6196	8	4699	13420	1819	1345	85	73	114	187	740	192	335	512	847	48	1	26	25
2	Arundhal Pradesh	155	29	79	27	86	36	122	55	41	59	24	83	8	6	4	2	6	0	0	0	7
3	Assam	2532	21	995	18	1264	172	1436	377	130	270	85	355	1448	482	838	330	1188	159	62	120	29
4	Bihar	8116	12	5899	9	4294	1084	5378	10	3	12	6	18	1241	777	849	240	1089	130	79	90	9
5	Chhattisgarh	12813	10	4270	10	2236	9598	11824	216	55	65	114	179	740	252	177	443	620	37	3	4	24
6	Goa	2853	20	216	23	270	1049	1319	9	4	2	0	2	90	4	37	7	44	1	0	0	2
7	Gujarat	16361	8	6988	6	8198	6667	14865	106	15	33	85	118	959	352	520	405	925	181	53	93	99
8	Haryana	5922	14	2657	14	1266	3657	4923	474	251	132	411	543	1055	533	341	695	1036	512	218	158	420
9	Himachal Pradesh	1445	22	536	22	643	1742	2385	322	70	144	354	498	270	60	288	173	461	0	0	0	0
10	Jammu & Kashmir	5915	15	971	19	4138	3605	7743	20	5	12	15	27	13	4	9	14	23	26	4	10	34
11	Jharkhand	3064	18	2032	17	1792	496	2288	517	328	279	42	321	401	299	197	72	269	47	31	27	7
12	Karnataka	32269	3	8714	3	15682	20204	35886	139	22	59	105	164	1289	262	663	933	1596	69	4	34	27
13	Kerala	29776	4	2955	13	23831	10158	33989	157	25	53	116	169	1455	115	1161	552	1713	105	8	81	32
14	Madhya Pradesh	39809	2	8635	4	4815	37921	42736	893	145	99	789	888	2953	617	484	2603	3087	99	8	10	68
15	Maharashtra	9956	11	3926	11	5623	3060	8683	188	42	112	85	197	1084	384	562	362	924	98	16	47	47
16	Manipur	90	30	21	32	52	107	159	74	17	10	105	115	24	6	19	48	67	10	2	6	15
17	Meghalaya	64	33	43	29	17	3	20	117	66	43	6	49	49	11	14	19	33	8	6	2	1
18	Mizoram	18	35	14	34	7	4	11	16	13	5	10	15	5	3	1	9	10	0	0	0	0
19	Nagaland	199	27	15	33	60	75	135	83	0	24	37	61	72	8	30	25	55	0	0	0	4
20	Orissa	7474	13	3644	12	3993	3882	7875	1220	555	650	462	1112	1002	374	634	564	1198	218	88	153	34
21	Punjab	3335	17	2540	15	1131	490	1621	112	85	44	18	62	1055	759	416	262	678	240	161	74	43
22	Rajasthan	20132	6	9638	1	6160	13735	19895	146	52	31	98	129	196	72	74	98	172	12	6	3	8
23	Sikkim	71	32	33	30	28	16	44	2	0	0	0	0	12	4	6	5	11	0	0	0	0
24	Tamil Nadu	46113	1	9234	2	4049	4929	53348	1128	225	184	1175	139	2507	527	195	3223	3418	939	290	117	882
25	Telangana	20890	5	6212	7	2183	20231	22414	182	24	17	177	194	200	32	20	186	206	54	10	0	49
26	Tripura	426	25	163	24	502	9	551	28	8	45	2	47	48	18	79	2	81	0	0	0	0
27	Uttarakhand	900	23	509	21	771	107	873	20	16	26	42	173	105	133	34	167	2	1	1	0	0
28	Uttar Pradesh	13843	9	7088	5	6404	2967	9371	3595	1824	1709	885	2504	4572	2253	2188	1129	3317	679	284	354	206
29	West Bengal	4187	16	2326	16	3634	741	4375	79	6	27	33	60	194	101	165	68	233	53	26	37	6
30	A & N Islands	148	28	7	35	35	151	186	20	0	3	16	19	1	5	6	11	0	0	0	0	
31	Chandigarh	280	26	93	26	20	247	267	12	0	0	7	7	1	0	0	3	3	10	1	13	
32	D & N Haveli	78	31	51	28	63	2	65	1	0	0	0	0	1	3	1	0	1	0	0	0	
33	Daman & Diu	57	34	29	31	39	29	68	8	0	6	10	16	11	6	4	6	10	0	0	0	
34	Delhi	2866	19	7438	20	401	2217	2618	333	72	30	262	292	460	69	59	424	483	658	176	76	507
35	Lakshadweep	1	36	1	36	1	0	1	0	0	0	0	0	2	0	0	2	0	43	19	50	
36	Prudherry	734	24	110	25	330	493	823	14	2	12	10	22	435	73	70	46	116	7	8	10	0
Total		310612		97588		108747	207674	316421	12018	4188	4270	5674	9944	24781	8764	16060	13500	24100	4441	1531	295	4126

Accidents classified according to Licence of Drivers during the calendar year 2018

S.no	States	Valid Permanent		Learner's Licence	Without Licence	Others	Total Accidents
		Number	Rank				
1	2	3	4	5	6	7	8
1	Andhra Pradesh	18115	8	1558	3024	1778	24475
2	Arunachal Pradesh	67	32	63	64	83	277
3	Assam	6994	14	624	269	361	8248
4	Bihar	8173	12	587	207	633	9600
5	Chhattisgarh	9287	11	786	1387	2404	13864
6	Goa	3556	19	2	92	59	3709
7	Gujarat	13962	10	2650	843	1314	18769
8	Haryana	3815	18	528	651	6244	11238
9	Himachal Pradesh	1912	21	26	914	258	3110
10	Jammu & Kashmir	4835	16	153	63	927	5978
11	Jharkhand	1253	22	840	1159	2142	5394
12	Karnataka	35576	3	331	3494	2306	41707
13	Kerala	33343	4	98	1587	5153	40181
14	Madhya Pradesh	39357	2	2491	4597	4952	51397
15	Maharashtra	29958	5	1091	1616	3052	35717
16	Manipur	298	27	93	71	139	601
17	Meghalaya	146	30	110	49	94	399
18	Mizoram	39	35	3	7	4	53
19	Nagaland	166	29	21	115	128	430
20	Orissa	7369	13	995	1775	1123	11262
21	Punjab	3237	20	689	777	1725	6428
22	Rajasthan	19206	7	558	548	1431	21743
23	Sikkim	134	31	31	15	0	180
24	Tamil Nadu	50519	1	2247	6454	4700	63920
25	Telangana	17972	9	464	571	3223	22230
26	Tripura	482	25	49	20	1	552
27	Uttarakhand	694	24	3	30	741	1468
28	Uttar Pradesh	22803	6	5787	5194	8784	42568
29	West Bengal	6871	15	547	1361	3926	12705
30	A & N Islands	254	28	0	0	0	254
31	Chandigarh	311	26	0	5	0	316
32	D & N Haveli	47	34	0	6	27	80
33	Daman & Diu	54	33	2	3	17	76
34	Delhi	3897	17	132	188	2298	6515
35	Lakshadweep	3	36	0	0	0	3
36	Puducherry	1094	23	34	429	40	1597
Total		345799		23593	37585	60067	467044

Accidents Victims Classified according to Non-Use of Safety Device (Non Wearing of Helmet) during the calendar year 2018

S.no	States/Uts	Drivers					Passengers				
		Persons Killed		Persons Injured			Persons Killed		Persons Injured		
		Number	Rank	Previously Injured	Minor Injury	Total Injured	Number	Rank	Previously Injured	Minor Injury	Total Injured
1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	1707	6	1382	2292	3674	678	9	651	1887	2538
2	Arunachal Pradesh	21	27	29	7	36	16	26	16	9	25
3	Assam	153	17	201	59	260	74	18	148	45	193
4	Bihar	1221	9	766	155	921	1457	3	1101	224	1325
5	Chhattisgarh	1454	7	611	1684	2295	576	12	345	1408	1753
6	Goa	107	20	65	272	337	37	21	49	121	170
7	Gujarat	958	11	927	752	1679	588	11	824	587	1411
8	Haryana	603	16	201	910	1111	182	16	87	283	370
9	Himachal Pradesh	150	18	221	208	429	86	17	136	314	450
10	Jammu & Kashmir	38	24	83	109	192	10	28	107	88	195
11	Jharkhand	792	13	482	134	616	453	14	413	92	505
12	Karnataka	2353	5	3717	3736	7453	1328	4	2632	3497	6129
13	Kerala	612	15	1181	269	1450	509	13	3721	2432	6153
14	Madhya Pradesh	2454	4	1292	10097	11389	1269	5	896	5845	6741
15	Maharashtra	3520	3	3772	2023	5795	1732	2	2648	1528	4176
16	Manipur	28	26	32	81	113	18	24	31	107	138
17	Meghalaya	14	30	21	11	32	16	26	18	9	27
18	Mizoram	0	34	0	0	0	2	32	1	0	1
19	Nagaland	1	32	7	16	23	0	34	3	5	8
20	Orissa	1341	8	1276	906	2182	838	7	1037	933	1970
21	Punjab	773	14	366	230	596	443	15	265	163	428
22	Rajasthan	927	12	522	878	1400	636	10	506	936	1442
23	Sikkim	1	32	1	0	1	3	31	0	0	0
24	Tamil Nadu	3956	1	1877	18501	20378	1092	6	586	5574	6160
25	Telangana	1035	10	279	1712	1991	682	8	282	2839	3121
26	Tripura	38	24	36	0	36	20	23	54	8	62
27	Uttarakhand	68	23	128	24	152	46	20	106	26	132
28	Uttar Pradesh	3583	2	2754	1921	4675	2437	1	2171	1354	3525
29	West Bengal	91	21	84	94	178	68	19	31	56	87
30	A & N Islands	5	31	23	40	63	5	30	10	39	49
31	Chandigarh	0	34	0	0	0	0	34	0	0	0
32	D & N Haveli	21	27	41	0	41	7	29	9	2	11
33	Daman & Diu	19	29	17	10	27	2	32	10	6	16
34	Delhi	127	19	95	315	410	37	21	23	79	102
35	Lakshadweep	0	34	0	0	0	0	34	0	0	0
36	Puducherry	79	22	231	299	530	17	25	44	150	194
	Total	28250		22720	47745	70465	15364		18961	30646	49607

Accidents Classified according to Non-Use of Safety Device (Non-Wearing of Seat Belt) by Victims during the calendar year 2018

S.no	States/Uts	Drivers						Passengers					
		Persons Killed		Persons Injured			Persons Killed		Persons Injured				
		Number	Rank	Previously Injured	Minor Injury	Total Injured	Number	Rank	Previously Injured	Minor Injury	Total Injured		
1	2	3	4	5	6	7	8	9	10	11	12		
1	Andhra Pradesh	395	9	433	801	1234	451	11	416	1358	1774		
2	Arunachal Pradesh	10	25	12	6	18	16	28	40	13	53		
3	Assam	69	18	165	66	231	170	18	324	122	446		
4	Bihar	343	11	245	90	335	2131	2	1672	500	2172		
5	Chhattisgarh	366	10	232	730	962	479	10	284	1253	1537		
6	Goa	6	28	18	24	42	18	26	69	303	372		
7	Gujarat	557	6	627	449	1076	772	7	860	687	1547		
8	Haryana	187	15	96	367	463	220	16	177	379	556		
9	Himachal Pradesh	262	12	132	475	607	424	13	313	2203	2516		
10	Jammu & Kashmir	46	22	87	188	275	43	22	166	508	674		
11	Jharkhand	246	13	208	48	256	354	15	376	74	450		
12	Karnataka	475	8	856	829	1685	635	8	1541	2161	3702		
13	Kerala	50	21	202	178	380	165	19	1144	1329	2473		
14	Madhya Pradesh	745	3	424	3606	4030	1570	3	699	6644	7343		
15	Maharashtra	602	5	899	501	1400	1054	5	2022	1212	3234		
16	Manipur	14	24	19	68	87	22	24	73	198	271		
17	Meghalaya	21	23	26	11	37	18	26	29	13	42		
18	Mizoram	4	29	2	1	3	9	29	7	8	15		
19	Nagaland	2	31	8	13	21	7	30	11	26	37		
20	Orissa	185	16	305	269	574	424	13	605	588	1193		
21	Punjab	479	7	213	151	364	584	9	229	177	406		
22	Rajasthan	634	4	506	904	1410	1381	4	838	2435	3273		
23	Sikkim	9	26	10	2	12	19	25	11	2	13		
24	Tamil Nadu	839	2	454	4613	5067	775	6	427	4561	4988		
25	Telangana	227	14	71	564	635	451	11	241	2701	2942		
26	Tripura	9	26	24	0	24	68	20	396	6	402		
27	Uttarakhand	90	17	100	19	119	210	17	351	55	406		
28	Uttar Pradesh	2351	1	1848	1119	2967	2518	1	2499	1241	3740		
29	West Bengal	61	19	56	64	120	23	23	15	24	39		
30	A & N Islands	0	34	4	6	10	1	33	4	35	39		
31	Chandigarh	0	34	0	0	0	0	35	0	0	0		
32	D & N Haveli	1	33	2	0	2	2	32	2	0	2		
33	Daman & Diu	3	30	11	3	14	1	33	8	21	29		
34	Delhi	59	20	29	184	213	65	21	24	54	78		
35	Lakshadweep	0	34	0	0	0	0	35	0	0	0		
36	Puducherry	2	31	7	35	42	6	31	8	50	58		
Total		9349		8331	16384	24715	15086		15881	30941	46822		

Total Number of Accidents, Number of Persons Killed and Number of Persons Injured in Road Accidents in Urban & Rural Areas: 2018

Sl. No.	States/UTs	Urban						Rural						Total						Persons Injured				
		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Persons Injured		Total Accidents		Persons Killed		Previously Injured		Minor Injury		Persons Injured		
		Total Accidents	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17							
1	2	Andhra Pradesh	7460	1794	1975	4217	6192	17015	5762	4492	12772	17264	24475	7556	6467	16989	23456							
2	2	Arunachal Pradesh	182	129	136	64	200	95	46	85	38	123	277	175	221	102	323							
3	3	Assam	4424	1516	3129	594	3723	3824	1450	2835	817	3652	8248	2966	5964	1411	7375							
4	4	Bihar	3551	2337	1973	478	2451	6049	4392	3333	895	4228	9600	6729	5306	1373	6679							
5	5	Chhattisgarh	4970	1242	720	3493	4213	8894	3350	1777	6725	8502	13864	4592	2497	10218	12715							
6	6	Goa	1184	77	140	383	523	2525	185	206	820	1026	3709	262	346	1203	1549							
7	7	Gujarat	7532	2246	3453	3317	6770	11237	5750	6159	4538	10697	18769	7996	9612	7855	17467							
8	8	Haryana	5311	2302	654	3749	4403	5927	2816	1465	4152	5617	11238	5118	2119	7901	10020							
9	9	Himachal Pradesh	600	113	268	539	807	2510	1095	1165	3579	4744	3110	1208	1433	4118	5551							
10	10	Jammu & Kashmir	1641	259	1197	688	1885	4337	725	2972	2988	5960	5978	984	4169	3676	7845							
11	11	Jharkhand	1852	1109	1043	341	1384	3542	2433	2125	466	2591	5394	3542	3168	807	3975							
12	12	Karnataka	17284	3530	8656	9899	18555	24423	7460	12621	20386	33007	41707	10990	21277	30285	51562							
13	13	Kerala	13312	1228	10222	4435	14657	26869	3075	21450	9351	30801	40181	4303	31672	13786	45458							
14	14	Madhya Pradesh	22458	3084	2324	19249	21573	28939	7622	3766	29323	33089	51397	10706	6090	48572	54662							
15	15	Maharashtra	14668	3996	8199	4648	12847	21049	9265	12136	6382	18518	35717	13261	20335	11030	31365							
16	16	Manipur	198	38	62	269	331	403	96	240	471	711	601	134	302	740	1042							
17	17	Meghalaya	249	128	56	57	113	150	54	56	36	92	399	182	112	93	205							
18	18	Mizoram	31	23	12	29	41	22	18	21	39	53	45	30	50	80								
19	19	Nagaland	268	22	91	104	195	162	17	53	87	140	430	39	144	191	335							
20	20	Odisha	3726	1597	2077	1660	3737	7536	3718	4145	3912	8057	11262	5315	6222	5572	11794							
21	21	Punjab	2828	1982	999	534	1533	3600	2758	1193	658	1851	6428	4740	2192	1192	3384							
22	22	Rajasthan	6850	2259	1919	4250	6169	14893	8061	4798	10580	15378	21743	10320	6717	14830	21547							
23	23	Sikkim	69	25	84	70	154	111	60	112	104	216	180	85	196	174	370							
24	24	Tamil Nadu	24478	4209	3758	22133	25891	39442	8007	2241	46405	48646	63920	12216	5999	68538	74537							
25	25	Telangana	11945	2502	1234	10481	11715	10285	4101	1087	10811	11898	22230	6603	2321	21292	23613							
26	26	Tripura	218	70	238	5	243	334	143	490	8	498	552	213	728	13	741							
27	27	Uttarakhand	726	389	551	101	652	742	658	790	129	919	1468	1047	1341	230	1571							
28	28	Uttar Pradesh	19728	9823	9310	4482	13792	22840	12433	11007	4865	15872	42568	22256	20317	9347	29064							
29	29	West Bengal	5728	1620	3502	1348	4850	6977	4091	5875	1272	7147	12705	5711	9377	2620	11997							
30	30	Andaman & Nicobar Islands	107	5	31	74	105	147	14	28	127	155	254	19	59	201	260							
31	31	Chandigarh	300	91	17	263	280	16	7	4	16	20	316	98	21	279	300							
32	32	Dadra & Nagar Haveli	40	15	10	0	10	40	39	54	2	56	80	54	64	2	66							
33	33	Daman & Diu	21	9	19	10	29	55	26	30	35	65	76	35	49	45	94							
34	34	Delhi	5848	1477	1003	4442	5445	667	213	117	524	641	6515	1690	1120	4966	6886							
35	35	Lakshadweep	0	0	0	0	0	3	1	3	0	3	3	1	3	0	3	0	3	0	3	0	3	
36	36	Puducherry	1169	133	580	737	1317	428	93	71	339	410	1597	226	651	1076	1722							
	Total	190956	51379	69642	107143	176785	2760885	100038	108999	183634	292633	467044	151417	178641	290777	469418								

Fatal Road Accidents in Rural and Urban Areas during the calendar year 2018

S.No	State/UTs	Urban	Rural	Total
1	2	3	4	5
1	Andhra Pradesh	1704	5294	6998
2	Arunachal Pradesh	98	36	134
3	Assam	1493	1336	2829
4	Bihar	2156	4088	6244
5	Chhattisgarh	1185	3032	4217
6	Goa	71	177	248
7	Gujarat	2114	5062	7176
8	Haryana	2132	2674	4806
9	Himachal Pradesh	106	820	926
10	Jammu & Kashmir	221	588	809
11	Jharkhand	1064	2197	3261
12	Karnataka	3321	6772	10093
13	Kerala	1168	2901	4069
14	Madhya Pradesh	2842	6879	9721
15	Maharashtra	3718	8380	12098
16	Manipur	36	86	122
17	Meghalaya	110	55	165
18	Mizoram	22	17	39
19	Nagaland	21	14	35
20	Orissa	1459	3402	4861
21	Punjab	1899	2580	4479
22	Rajasthan	2202	7093	9295
23	Sikkim	21	30	51
24	Tamil Nadu	4059	7316	11375
25	Telangana	2353	3698	6051
26	Tripura	63	131	194
27	Uttarakhand	343	454	797
28	Uttar Pradesh	8521	10843	19364
29	West Bengal	1530	3655	5185
30	Andaman & Nicobar Islands	5	13	18
31	Chandigarh	90	7	97
32	Dadra & Nagar Haveli	26	26	52
33	Daman & Diu	9	25	34
34	Delhi	1450	207	1657
35	Lakshadweep	0	1	1
36	Puducherry	132	93	225
	Total	47744	89982	137726

Month-Wise total number of accidents, persons killed and injured during the calendar year 2018

Sl. No	States/UTs	January										February										March									
		Fatal Accidents		Total Accidents		Persons Killed		Persons Injured		Fatal Accidents		Total Accidents		Persons Killed		Persons Injured		Fatal Accidents		Total Accidents		Persons Killed		Persons Injured							
		Grievously Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Previously Injured	Total Injured	Minor Injury	Total Injured	Minor Injury	Total Injured	Previously Injured	Total Injured	Minor Injury	Total Injured	Previously Injured	Total Injured	Minor Injury	Total Injured	Previously Injured	Total 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	(659)	2518	728	635	1558	2193	535	2281	575	515	1461	1976	613	2425	658	649	1420	2069												
2	Arunachal Pradesh	12	25	15	23	11	34	11	25	14	19	8	27	13	26	15	18	9	27												
3	Assam	258	751	261	475	137	612	234	667	229	428	107	535	252	703	250	437	126	563												
4	Bihar	388	596	422	267	111	378	427	683	476	454	93	547	533	819	607	527	78	605												
5	Chhattisgarh	470	1476	503	317	952	1269	354	1205	395	263	896	1159	372	1207	402	227	888	1115												
6	Goa	24	344	27	20	108	128	25	346	28	37	126	163	28	324	30	28	100	128												
7	Gujarat	639	1705	708	810	718	1528	587	1606	660	754	722	1476	651	1671	753	873	720	1593												
8	Haryana	383	858	398	164	610	774	392	964	409	187	685	872	456	1046	490	176	728	904												
9	Himachal Pradesh	74	242	90	116	260	376	66	216	84	101	271	372	79	266	95	124	372	496												
10	Jammu & Kashmir	70	455	83	357	316	673	56	399	64	266	231	497	59	465	63	277	311	588												
11	Jharkhand	319	517	364	307	87	394	264	436	294	281	51	332	249	421	277	233	110	343												
12	Karnataka	961	3929	1052	2084	2740	4824	827	3459	910	1736	2417	4153	887	3553	969	1928	2552	4480												
13	Kerala	378	3655	394	2946	1252	4198	373	3433	386	2735	1056	3791	328	3448	361	2770	1180	3950												
14	Madhya Pradesh	895	5074	971	765	4686	5451	741	4164	808	531	3869	4400	837	435	919	548	3995	4543												
15	Maharashtra	1063	3082	1178	1631	963	2594	959	2863	1058	1739	976	2715	1068	3087	1148	233	110	343												
16	Manipur	14	53	16	18	56	74	8	46	8	46	50	96	12	53	13	25	50	75												
17	Meghalaya	25	58	27	16	11	27	13	39	15	14	8	22	20	57	21	11	23	34												
18	Mizoram	1	3	1	1	5	6	3	6	3	3	4	7	4	5	4	4	1	5												
19	Nagaland	2	25	2	5	10	15	3	29	3	14	20	34	4	57	4	15	30	45												
20	Odisha	462	1053	494	600	503	1103	392	892	434	456	498	954	431	956	477	506	403	909												
21	Punjab	387	548	418	164	112	276	326	477	348	173	94	267	339	503	369	178	178	96	274											
22	Rajasthan	790	2070	886	687	1451	2138	692	1725	784	557	1154	1711	798	1927	863	584	1349	1933												
23	Sikkim	6	15	7	21	3	24	4	20	6	25	12	37	4	15	4	28	18	46												
24	Tamil Nadu	1106	5798	1189	552	6187	6739	952	5243	1021	464	5623	6087	989	5330	1061	472	5803	6275												
25	Telangana	487	1976	533	208	1974	2182	436	1763	475	208	1632	1840	484	1899	541	267	1828	2095												
26	Tripura	18	52	22	59	1	60	15	38	17	46	1	47	17	51	20	54	2	56												
27	Uttarakhand	68	133	77	87	14	101	66	112	86	91	16	107	56	115	73	103	12	115												
28	Uttar Pradesh	1336	2872	1570	1251	608	1859	1603	3347	1842	1599	703	2302	1721	3853	2024	1875	807	2682												
29	West Bengal	476	1194	578	756	252	1008	393	1057	441	737	225	962	455	1146	486	920	208	1128												
30	Andaman & Nicobar Is.	2	21	2	6	13	19	4	27	4	10	14	1	17	1	5	17	22													
31	Chandigarh	11	32	11	4	20	24	4	26	4	0	27	27	15	39	15	5	32	37												
32	Dadra & Nagar Haveli	5	13	5	18	0	18	5	13	5	17	0	17	7	10	7	11	2	13												
33	Daman & Diu	6	6	0	2	2	2	4	2	3	1	4	2	8	2	7	20	27													
34	Delhi	128	498	135	91	433	524	128	520	128	95	434	529	165	570	168	128	395	523												
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
36	Puducherry	23	133	23	54	90	144	14	107	14	60	61	121	15	133	15	66	89	155												
Total	11946	41780	13196	15515	24254	41769	10914	38238	12030	14658	23542	38200	11964	40640	13205	15809	24734	40543													

Month-Wise total number of accidents, persons killed and injured during the calendar year 2018

Sl. No	States/UTs	April			May			June											
		Fatal Accidents	Total Accidents	Persons Killed	Persons Injured	Minor Injury	Total Injured	Fatal Accidents	Total Accidents	Persons Killed	Previously Injured	Total Injured	Persons Killed	Previously 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	645	2,314	695	612	1470	2082	647	2,311	710	617	1590	2207	568	1972	624	527	1414	1941
2	Arunachal Pradesh	10	18	13	17	6	23	14	22	17	23	7	30	9	17	12	17	9	26
3	Assam	280	746	281	554	102	656	265	728	267	533	93	626	217	607	219	573	128	701
4	Bihar	552	878	592	490	133	623	689	1048	720	654	201	855	610	942	663	470	155	625
5	Chhattisgarh	317	1160	355	247	952	1199	381	1154	418	219	924	1143	359	1128	386	187	815	1002
6	Goa	18	329	18	23	104	127	17	315	18	33	128	161	18	309	18	19	85	104
7	Gujarat	637	1617	711	795	700	1495	714	1728	799	781	649	1430	614	1565	679	832	640	1472
8	Haryana	433	1021	464	195	730	925	396	921	421	182	649	831	385	888	420	208	568	776
9	Himachal Pradesh	89	276	151	97	358	455	64	237	87	117	352	469	88	297	114	142	400	542
10	Jammu & Kashmir	67	477	78	303	330	633	85	547	103	409	316	725	86	544	101	433	397	830
11	Jharkhand	296	489	319	299	80	379	318	509	342	286	73	359	254	471	281	341	58	399
12	Karnataka	924	3530	1005	1,780	2600	4,380	918	3706	1000	1,979	2,788	4,767	798	3,466	896	1,708	2,580	4,288
13	Kerala	400	3,326	416	2,580	11,85	3765	3,84	3,592	405	2,797	1279	4,076	308	3,200	335	2,544	1139	3,683
14	Madhya Pradesh	931	4713	1067	574	4854	1006	4785	1119	527	4734	5261	923	4,384	1,034	435	4077	4,532	
15	Maharashtra	1077	3129	1198	1902	1025	2,927	1171	3,400	1,286	2,037	1180	3,217	1,064	2,912	1,177	1,788	895	2,683
16	Manipur	9	44	10	31	57	88	9	40	11	31	51	82	9	46	9	23	48	71
17	Meghalaya	17	29	22	7	3	10	2	14	3	9	2	11	7	22	7	5	7	12
18	Minor	4	4	4	1	5	6	6	7	6	7	5	12	3	3	4	8	1	9
19	Nagaland	3	50	4	14	20	34	2	45	2	22	15	37	7	35	7	8	14	22
20	Odisha	389	956	422	599	465	1,064	416	973	450	504	508	1,012	394	912	426	489	386	875
21	Punjab	372	550	397	176	120	296	401	572	426	232	110	342	322	490	341	167	109	276
22	Rajasthan	844	1981	948	641	1,388	2,029	837	2,055	934	641	1,439	2,080	770	1,725	874	501	1,193	1,694
23	Sikkim	3	14	9	14	9	23	5	20	6	36	28	64	1	7	1	9	8	17
24	Tamil Nadu	945	5,535	1028	526	6,057	6,583	1,053	5,636	11,38	513	6,355	6,868	984	5,484	10,73	517	5,883	6,400
25	Telangana	545	1,995	588	204	2,063	2,267	627	2,138	688	225	2,043	2,268	515	1,908	569	228	1,752	1,980
26	Tripura	9	40	9	49	1	50	11	44	11	70	2	72	16	45	18	81	1	82
27	Uttarakhand	57	126	63	138	18	156	71	132	91	142	38	180	75	128	90	139	31	170
28	Uttar Pradesh	1622	3,623	1,830	1,706	808	2,514	1,937	4,260	2,246	2,113	978	3,091	1,861	3,901	2,175	1,855	925	2,780
29	West Bengal	461	1,083	506	688	205	893	452	1,060	478	640	180	820	472	1,113	530	914	208	1,122
30	Andaman & Nicobar Is.	0	18	0	3	24	27	1	21	1	9	12	21	1	14	1	1	16	17
31	Chandigarh	9	25	9	1	28	29	8	26	8	1	21	22	4	15	5	0	14	14
32	Dadra & Nagar Haveli	5	7	6	0	6	8	9	8	2	0	2	3	4	3	1	0	1	0
33	Daman & Diu	3	3	1	0	1	1	3	1	3	3	6	3	5	3	5	0	5	5
34	Delhi	154	590	157	124	424	548	122	523	124	82	407	489	130	490	135	106	361	467
35	Lakshadweep	0	1	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0
36	Paducherry	21	144	21	61	92	153	24	148	24	57	95	152	19	125	19	47	82	129
Total	12148	40841	13420	15459	26416	41875	13062	42730	14368	16534	27255	43789	11897	39176	13249	15348	24399	39747	conid...

Month-Wise total number of accidents, persons killed and injured during the calendar year 2018

Sl. No	States/UTs	July						August						September						Persons Injured			
		Fatal Accidents			Total Persons Killed			Fatal Accidents			Total Persons Killed			Fatal Accidents			Total Persons Killed			Fatal Accidents			
		Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously Injured	Minor Injury	Total Injured	Previously 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	57	58	59	60
1	Andhra Pradesh	560	2063	595	487	1202	1689	599	1831	641	499	1425	1924	495	1505	534	460	1219	1679				
2	Arunachal Pradesh	8	22	12	16	8	24	9	17	13	19	9	28	10	22	14	14	6	20				
3	Assam	208	618	210	480	110	590	207	632	209	492	117	609	200	652	199	456	88	544				
4	Bihar	509	789	548	393	111	504	462	721	486	456	110	566	434	663	459	329	99	428				
5	Chhattisgarh	349	1154	377	203	817	1020	325	1076	343	221	810	1031	271	1019	293	144	751	895				
6	Goa	16	258	17	22	84	106	19	255	21	22	65	87	18	273	18	19	91	110				
7	Gujarat	481	1356	508	743	545	1288	503	1371	568	729	637	1366	506	1333	557	720	591	1311				
8	Haryana	417	871	433	143	560	703	396	933	431	146	653	799	350	891	362	158	659	817				
9	Himachal Pradesh	72	278	84	127	335	462	78	248	105	113	276	389	77	260	109	137	480	617				
10	Jammu & Kashmir	65	504	75	329	363	692	67	582	82	387	82	770	79	513	108	312	304	616				
11	Jharkhand	244	429	266	255	87	342	236	408	251	239	54	293	232	390	242	254	45	299				
12	Karnataka	739	3261	795	1820	2311	4131	771	3228	828	1617	2403	3920	705	3159	760	1566	2319	3885				
13	Kerala	296	3045	320	2300	1187	3487	277	2918	288	2291	1063	3354	306	3278	320	2522	1158	3680				
14	Madhya Pradesh	758	3963	814	460	3672	4132	634	3847	689	428	3753	4181	609	3736	671	479	3681	4160				
15	Maharashtra	833	2394	928	1351	733	2084	825	2572	877	1555	728	2283	879	2731	972	1438	864	2302				
16	Manipur	4	42	4	17	62	79	11	48	15	11	62	73	7	38	8	14	51	65				
17	Meghalaya	9	20	9	5	4	9	13	22	14	3	3	6	12	12	24	14	8	2	10			
18	Mizoram	2	4	2	0	4	4	1	2	1	0	1	1	1	2	1	0	1	1				
19	Nagaland	1	29	1	10	11	21	2	30	2	9	10	19	1	36	1	17	17	14	31			
20	Odisha	379	857	421	477	450	927	339	835	367	458	431	889	342	858	370	481	413	894				
21	Punjab	350	494	346	158	76	234	354	524	372	176	123	299	377	504	391	137	73	210				
22	Rajasthan	732	1666	804	515	1220	1735	727	1636	807	503	1126	1629	715	1756	802	506	1216	1722				
23	Sikkim	8	17	16	11	22	3	8	7	4	7	11	4	12	4	5	11	16					
24	Tamil Nadu	967	5465	1016	496	5952	6448	906	5545	976	508	5680	6188	882	5302	949	522	5623	6145				
25	Telangana	459	1750	495	203	1600	1803	446	1681	469	220	1614	1834	415	1516	499	134	1567	1701				
26	Tripura	8	35	9	35	0	35	13	34	13	46	0	46	23	50	24	57	1	58				
27	Uttarakhand	67	111	140	126	11	137	63	119	73	100	25	125	55	102	78	103	23	126				
28	Uttar Pradesh	1603	3652	1849	1807	848	2655	1303	3020	1507	1494	654	2148	1317	3084	1493	1472	682	2154				
29	West Bengal	440	1077	485	842	256	1098	392	943	424	733	249	982	402	976	434	709	224	933				
30	Andaman & Nicobar Is.	2	22	2	8	21	29	1	32	1	5	17	22	3	15	3	2	9	11				
31	Chandigarh	9	27	9	2	25	7	5	24	5	22	24	8	25	8	5	17	22					
32	Dadra & Nagar Haveli	4	5	4	1	0	1	2	3	2	1	0	1	2	3	2	1	0	1				
33	Daman & Diu	6	10	6	4	5	9	3	13	4	8	3	11	2	4	2	5	0	5				
34	Delhi	125	505	126	100	413	513	138	560	141	87	426	513	142	508	146	82	368	450				
35	Lakshadweep	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
36	Puducherry	15	137	15	55	93	148	20	127	21	56	95	151	20	147	20	48	98	146				
	Total	10726	36991	11742	14002	23187	37189	10150	35845	11053	136388	22934	36572	9901	35387	10867	13316	22748	36064				

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Month-Wise total number of accidents, persons killed and injured during the calendar year 2018

Sl. No	States/UTs	October				November				December				Total											
		Fatal Accidents	Total Accidents	Persons Killed	Persons Injured	Fatal Accidents	Total Accidents	Persons Killed	Persons Injured	Fatal Accidents	Total Accidents	Persons Killed	Persons Injured	Fatal Accidents	Total Accidents	Persons Killed	Persons Injured								
		Previously Injured	Minor Injury	Total Injured		Previously Injured	Minor Injury	Total Injured		Previously Injured	Minor Injury	Total Injured		Previously Injured	Minor Injury	Total Injured									
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	581	1724	624	438	1345	1783	497	1678	520	496	1399	1895	599	1853	632	1486	2018	6998	24475	7536	6467	16989	23436	
2	Arunchal Pradesh	11	26	15	16	8	24	13	27	16	19	9	28	14	30	19	20	12	134	277	175	175	221	102	
3	Assam	211	682	260	575	161	736	275	783	327	542	113	655	222	679	254	419	129	548	2839	8248	2966	5964	1411	7375
4	Bihar	512	784	543	464	94	558	562	847	605	409	93	502	566	830	608	393	95	488	6244	9600	6729	5306	1373	6679
5	Chhattisgarh	320	1109	359	170	845	1015	326	1069	355	157	757	914	373	1107	406	142	811	953	4217	13864	4592	2497	10218	12715
6	Goa	19	305	20	63	108	171	22	308	22	24	92	116	24	343	25	36	112	148	248	3709	262	346	1203	1549
7	Gujarat	581	1534	631	750	611	1361	651	1697	736	918	666	1504	612	1586	686	907	656	1563	7176	18769	7996	9612	7855	17467
8	Haryana	437	1012	490	212	684	896	410	952	443	153	647	800	351	881	357	195	728	923	4806	11238	5118	2119	7901	10030
9	Himachal Pradesh	83	262	96	125	220	345	74	252	90	109	426	535	82	276	103	125	368	493	926	3110	1208	1433	4118	5551
10	Jammu & Kashmir	65	569	94	407	256	663	54	471	57	330	234	564	56	452	76	359	235	594	809	5978	984	4169	3676	7845
11	Jharkhand	288	452	312	227	49	276	266	418	281	49	242	291	295	454	313	204	64	268	3261	5394	3542	3168	807	3915
12	Karnataka	794	3223	841	1587	2268	3855	869	3433	952	1605	2609	4304	900	3760	982	1777	2798	4575	10093	41707	10990	21277	30285	51562
13	Kerala	279	3302	291	2645	1019	3664	329	3449	352	2736	1138	3874	411	3335	435	2806	1130	3936	4069	40181	4303	31672	13786	45458
14	Madhya Pradesh	733	4313	797	452	3978	4430	685	3959	757	408	3744	452	969	4024	1060	463	3239	3992	9721	51397	10706	6090	48572	54662
15	Maharashtra	983	3180	1051	1763	817	2580	1049	3143	1140	1722	937	2659	1127	3224	1248	1679	952	2631	12098	35717	13261	20335	11030	31365
16	Manipur	10	50	11	13	67	80	15	70	15	39	90	129	14	71	14	34	96	130	122	601	134	302	740	1042
17	Meghalaya	11	23	11	9	2	11	17	53	20	20	35	19	38	19	10	8	18	165	399	182	112	93	205	
18	Mizoram	4	4	5	1	17	18	7	7	1	0	1	3	6	7	4	6	10	39	53	45	30	50	80	
19	Nagaland	0	26	0	8	16	24	3	29	3	8	11	19	7	39	10	14	20	34	35	430	39	144	191	335
20	Odisha	403	942	443	513	524	1037	435	956	479	568	472	1040	479	1072	532	571	519	1090	4861	11262	5315	6222	5572	11794
21	Punjab	413	562	444	172	73	245	448	636	459	276	110	386	410	568	429	183	96	279	4479	6428	4740	2192	1192	3384
22	Rajasthan	774	1804	831	531	1170	1701	830	1863	931	597	1254	1851	786	1535	836	454	870	1334	9295	21743	10320	6717	14830	21547
23	Sikkim	4	29	8	23	38	61	4	13	10	12	18	30	5	10	7	8	11	19	51	180	85	196	174	370
24	Tamil Nadu	859	5075	927	481	5415	5896	821	4864	888	462	5219	5681	911	4643	950	486	4741	5227	11375	63920	12216	5999	68538	74537
25	Telangana	513	1788	533	133	1754	1887	549	1919	597	172	1771	1943	575	1897	616	119	1694	1813	6051	22230	6603	2321	21292	23613
26	Tripura	23	56	25	90	0	90	18	51	19	47	2	49	23	56	26	94	2	96	194	552	213	728	13	741
27	Uttarakhand	62	113	78	102	15	117	73	123	103	105	14	119	84	154	95	105	13	118	797	1468	1047	1341	230	1571
28	Uttar Pradesh	1620	3495	1818	1676	745	2421	1684	3642	1915	1731	840	2571	1757	3817	1967	1738	7487	19364	42568	22256	20317	9347	29664	
29	West Bengal	387	988	425	727	155	882	410	981	439	833	230	1063	445	1087	485	878	228	1106	5185	12705	5711	9377	2620	11997
30	Andaman & Nicobar Is.	1	26	2	8	25	33	0	20	6	12	18	2	21	2	25	2	27	18	19	554	201	201	260	260
31	Chandigarh	7	28	7	0	32	32	6	25	6	1	26	27	11	24	11	0	15	15	97	316	98	21	279	300
32	Dadra & Nagar Haveli	4	4	0	0	0	5	7	5	4	0	4	2	2	2	0	2	52	80	54	64	2	66	26	
33	Daman & Diu	0	7	0	3	7	10	3	7	3	2	5	3	6	3	7	2	9	34	76	35	49	45	94	
34	Delhi	163	613	164	99	470	569	133	538	136	64	411	475	129	540	130	62	424	486	1657	6515	1690	1120	4966	6086
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	3	0	3	3
36	Pondicherry	12	128	12	54	94	148	22	127	22	47	84	31	20	141	20	46	103	149	225	1597	236	651	1076	1727
Total		11167	38238	12172	14537	23082	37619	11565	38417	12710	14951	23499	38450	12286	38761	13405	14874	2227	37601	137726	467044	15147	178641	290777	469418

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Road Accidents as per the Time of occurrence 2018

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	2596	3412	3603	4317	4971	2594	1395	1574	13	24475
2	Arunachal Pradesh	36	34	26	28	25	20	33	28	47	277
3	Assam	948	1414	1463	1414	1252	748	448	452	109	8248
4	Bihar	1620	2137	1532	1623	1139	436	175	938	0	9600
5	Chhattisgarh	1521	1762	2238	2788	3007	1437	564	547	0	13864
6	Goa	369	527	553	680	710	526	172	172	0	3709
7	Gujarat	2026	2927	3059	3249	3530	1997	1037	861	83	18769
8	Haryana	1169	1263	1301	1424	1377	1195	954	998	1557	11238
9	Himachal Pradesh	260	448	528	610	653	369	155	87	0	3110
10	Jammu & Kashmir	520	1160	1285	1260	852	402	235	194	70	5978
11	Jharkhand	694	882	763	851	884	516	326	278	200	5394
12	Karnataka	4373	6106	6426	7284	8309	4568	2134	2399	108	41707
13	Kerala	4674	7396	6182	8011	8382	3485	914	1075	62	40181
14	Madhya Pradesh	4388	7941	9127	10066	10061	5791	2250	1756	17	51397
15	Maharashtra	3530	4928	5578	5880	6112	4266	2844	2456	123	35717
16	Manipur	53	100	107	108	149	62	13	9	0	601
17	Meghalaya	48	48	49	50	46	45	50	63	0	399
18	Mizoram	5	5	7	16	7	8	5	0	0	53
19	Nagaland	54	52	47	62	69	60	32	31	23	430
20	Orissa	1210	1648	1721	1996	2145	1136	576	751	79	11262
21	Punjab	755	802	745	843	1220	845	411	431	376	6428
22	Rajasthan	2369	3308	3523	4343	4392	2022	895	827	64	21743
23	Sikkim	13	26	27	38	41	19	0	16	0	180
24	Tamil Nadu	7657	9384	9478	11171	14238	6223	2450	3319	0	63920
25	Telangana	2372	3196	3442	4249	4485	2260	1043	1183	0	22230
26	Tripura	51	79	87	112	119	81	16	7	0	552
27	Uttarakhand	194	177	177	194	262	178	99	138	49	1468
28	Uttar Pradesh	5654	5998	5551	6081	5368	5171	3401	4271	1073	42568
29	West Bengal	1324	1936	1734	1756	1680	1357	1909	1009	0	12705
30	A & N Islands	35	38	40	48	52	25	6	10	0	254
31	Chandigarh	39	42	41	34	60	54	30	16	0	316
32	D & N Havelli	5	12	8	14	26	13	1	1	0	80
33	Daman & Diu	4	8	10	14	21	17	2	0	0	76
34	Delhi	735	771	720	748	1044	1096	764	568	69	6515
35	Lakshadweep	0	0	1	1	0	0	0	0	0	3
36	Puducherry	188	244	213	256	297	140	68	106	85	1597
Total	51489	70211	71392	81619	86986	49162	25407	26571	4207	467044	

Performance of States/UTs in Reducing Number of Road Accidents in 2018

Sl. No.	States/UTs	2017	2018	Reduction(+)/ Increase (-)	% Share in total increase
1	2	3	4	5	6
1	Andhra Pradesh	25727	24475	1252	-58.7
2	Arunachal Pradesh	241	277	-36	1.7
3	Assam	7170	8248	-1078	50.5
4	Bihar	8855	9600	-745	34.9
5	Chhattisgarh	13563	13864	-301	14.1
6	Goa	3917	3709	208	-9.7
7	Gujarat	19081	18769	312	-14.6
8	Haryana	11258	11238	20	-0.9
9	Himachal Pradesh	3114	3110	4	-0.2
10	Jammu & Kashmir	5624	5978	-354	16.6
11	Jharkhand	5198	5394	-196	9.2
12	Karnataka	42542	41707	835	-39.1
13	Kerala	38470	40181	-1711	80.2
14	Madhya Pradesh	53399	51397	2002	-93.8
15	Maharashtra	35853	35717	136	-6.4
16	Manipur	578	601	-23	1.1
17	Meghalaya	675	399	276	-12.9
18	Mizoram	68	53	15	-0.7
19	Nagaland	531	430	101	-4.7
20	Odisha	10855	11262	-407	19.1
21	Punjab	6273	6428	-155	7.3
22	Rajasthan	22112	21743	369	-17.3
23	Sikkim	196	180	16	-0.7
24	Tamil Nadu	65562	63920	1642	-76.9
25	Telangana	22484	22230	254	-11.9
26	Tripura	503	552	-49	2.3
27	Uttarakhand	1603	1468	135	-6.3
28	Uttar Pradesh	38783	42568	-3785	177.4
29	West Bengal	11631	12705	-1074	50.3
30	Andaman & Nicobar Islands	189	254	-65	3.0
31	Chandigarh	342	316	26	-1.2
32	Dadra & Nagar Haveli	67	80	-13	0.6
33	Daman & Diu	79	76	3	-0.1
34	Delhi	6673	6515	158	-7.4
35	Lakshadweep	1	3	-2	0.1
36	Puducherry	1693	1597	96	-4.5
Total		464910	467044	-2134	100.0

Performance of States/UTs in Reducing Number of Persons Killed in Road Accidents in 2018

Sl. No.	States/UTs	2017	2018	Reduction(+) /Increase(-)	% Share in total reduction
1	2	3	4	5	6
1	Andhra Pradesh	8060	7556	504	-14.4
2	Arunachal Pradesh	110	175	-65	1.9
3	Assam	2783	2966	-183	5.2
4	Bihar	5554	6729	-1175	33.5
5	Chhattisgarh	4136	4592	-456	13.0
6	Goa	328	262	66	-1.9
7	Gujarat	7289	7996	-707	20.2
8	Haryana	5120	5118	2	-0.1
9	Himachal Pradesh	1203	1208	-5	0.1
10	Jammu & Kashmir	926	984	-58	1.7
11	Jharkhand	3256	3542	-286	8.2
12	Karnataka	10609	10990	-381	10.9
13	Kerala	4131	4303	-172	4.9
14	Madhya Pradesh	10177	10706	-529	15.1
15	Maharashtra	12264	13261	-997	28.5
16	Manipur	136	134	2	-0.1
17	Meghalaya	182	182	0	0.0
18	Mizoram	60	45	15	-0.4
19	Nagaland	41	39	2	-0.1
20	Odisha	4790	5315	-525	15.0
21	Punjab	4463	4740	-277	7.9
22	Rajasthan	10444	10320	124	-3.5
23	Sikkim	78	85	-7	0.2
24	Tamil Nadu	16157	12216	3941	-112.5
25	Telangana	6596	6603	-7	0.2
26	Tripura	161	213	-52	1.5
27	Uttarakhand	942	1047	-105	3.0
28	Uttar Pradesh	20124	22256	-2132	60.8
29	West Bengal	5769	5711	58	-1.7
30	Andaman & Nicobar Islands	21	19	2	-0.1
31	Chandigarh	107	98	9	-0.3
32	Dadra & Nagar Haveli	43	54	-11	0.3
33	Daman & Diu	36	35	1	0.0
34	Delhi	1584	1690	-106	3.0
35	Lakshadweep	0	1	-1	0.0
36	Puducherry	233	226	7	-0.2
Total		147913	151417	-3504	100.0

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

Sl. No.	States/UTs	2015	2016	2017(P)
1	2	3	4	5
1	Andhra Pradesh	3.8	3.8	3.8
2	Arunachal Pradesh	0.1	0.1	0.1
3	Assam	1.2	1.2	1.2
4	Bihar	2.3	2.4	2.5
5	Chhattisgarh	2.1	2.1	2.1
6	Goa	0.5	0.5	0.5
7	Gujarat	8.9	8.9	8.7
8	Haryana	3.8	3.8	3.7
9	Himachal Pradesh	0.5	0.5	0.5
10	Jammu & Kashmir	0.6	0.6	0.6
11	Jharkhand	1.0	1.1	1.3
12	Karnataka	7.0	7.1	7.1
13	Kerala	4.6	4.4	4.5
14	Madhya Pradesh	5.3	4.8	5.2
15	Maharashtra	12.2	12.1	11.9
16	Manipur	0.1	0.1	0.1
17	Meghalaya	0.1	0.2	0.2
18	Mizoram	0.1	0.1	0.1
19	Nagaland	0.2	0.2	0.2
20	Odisha	2.4	2.5	2.6
21	Punjab	3.0	3.9	3.9
22	Rajasthan	5.9	5.9	5.9
23	Sikkim	0.0	0.0	0.0
24	Tamil Nadu	10.7	10.5	10.3
25	Telangana	3.7	3.8	3.9
26	Tripura	0.1	0.1	0.2
27	Uttarakhand	0.9	0.8	0.8
28	Uttar Pradesh	10.3	10.4	10.4
29	West Bengal	3.5	2.8	2.9
30	Andaman & Nicobar Islands	0.0	0.0	0.0
31	Chandigarh	0.3	0.4	0.3
32	Dadra & Nagar Haveli	0.1	0.0	0.0
33	Daman & Diu	0.0	0.0	0.0
34	Delhi	4.2	4.2	4.1
35	Lakshadweep	0.0	0.0	0.0
36	Puducherry	0.4	0.4	0.4
Total		100	100	100

(P)=Provisional

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Government of India
Ministry of Road Transport & Highways
(Transport Research Wing)

Ist Floor, I.D.A. Building,
 Jamnagar House, Shahjahan Road,
 New Delhi-110 011
 New Delhi, the 20th February, 2019

CORRIGENDUM

In the publication “Road Accident in India - 2018” the data in Table 5.2 (page 40 of the publication) against sl. No. 38 in respect of Patna city reads as below

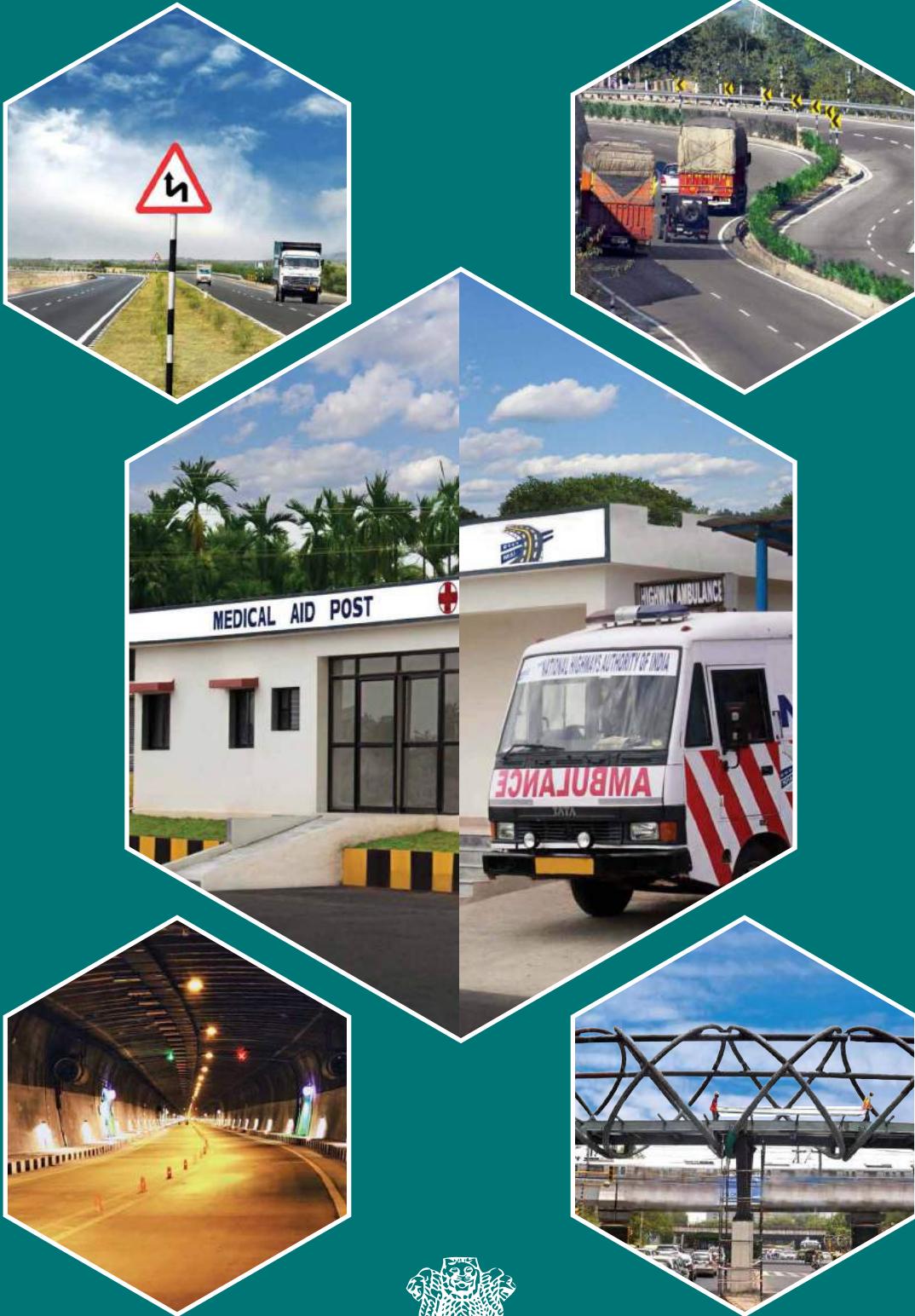
S. no	States/Uts	Total Accidents				No of persons Killed				No of persons injured			
		In numbers		Ranking		In numbers		Ranking		In numbers		Ranking	
		2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
38	Patna	422	966	44	32	147	597	41	8	218	524	47	38

This may be read as

S. no	States/Uts	Total Accidents				No of persons Killed				No of persons injured			
		In numbers		Ranking		In numbers		Ranking		In numbers		Ranking	
		2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
38	Patna	422 ^(*)	966	@	32	147 ^(*)	597	@	8	218 ^(*)	524	@	38

(*) Data in respect of Patna pertains to urban areas only

(@): Data for Patna city in 2017 is not comparable with other million plus cities where data pertains to both Urban and Rural areas



**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
TRANSPORT RESEARCH WING**
IDA BUILDING, JAMNAGAR HOUSE,
SHAHJAHAN ROAD, NEW DELHI-110011
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