

# **ROAD ACCIDENTS IN INDIA – 2017**



सत्यमेव जयते

**GOVERNMENT OF INDIA**

**MINISTRY OF ROAD TRANSPORT & HIGHWAYS**

**TRANSPORT RESEARCH WING**

**NEW DELHI**

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### FOREWORD

Road traffic injuries continue to be one of the leading causes of death, disabilities and hospitalization in the country despite our commitment and efforts to bring down the number of road accidents and fatalities.

The report for the calendar year 2017 reveals that there were 4,64,910 unfortunate incidences of road accidents during 2017 which claimed 1,47,913 lives and caused injuries to 4,70,975 persons.

The year 2017 shows some improvement over 2016. The number of road accidents was down by 3.3% and the number of injuries by 4.8% in 2017 as compared to 2016. The number of deaths on account of road accidents in 2017 has also been less as compared to the previous year by 1.9%. However, the absolute number of fatalities from road accidents continues to be high, creating a big challenge before us.


The National Highways, which constitute approximately 2% of the total road network of the Country, accounted for 30.4% of total road accidents and 36.0% of deaths in 2017. Among vehicle categories, two-wheelers accounted for the highest share (33.9%) in total road accidents and fatalities (29.8%) in 2017. Most unfortunately, young adults in the age group 18-45 comprise of 72.1% of road accident death victims.

Road traffic accidents are amenable to remedial actions. The efforts of the Ministry have started showing results as the number of road accidents, injuries and fatalities indicate a declining trend. The Ministry will continue its multi-pronged efforts for strengthening automobile safety standards, improving road infrastructure, generating awareness programs, strengthening enforcement and streamlining trauma care assistance programme.

The year 2017 has witnessed a consolidation in implementation of road safety strategy under which necessary resources, programme and legislation have been put in place for improving the road safety scenario in the country. The present report, in its last two sections, gives details of the road safety policy and action plan. Regular interaction and closer monitoring with the States/ UT governments on individual components of action plan, namely, decentralized institutional framework; road engineering measures and road safety audits; vehicles manufacturing design, enforcement of traffic laws, training of drivers etc., has helped to some extent.

It is hoped that the data on road accidents and the basic analysis contained in this report will be useful in analysis of road safety issues leading to appropriate policy responses to achieve reduction in road accidents and resultant fatalities.

New Delhi  
Date: July, 2018

  
(Yudhvir Singh Malik)



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## PREFACE


The present volume of 'Road accidents in India — 2017' provides information on various facets of road accidents in the country during the calendar year 2017. It has twelve sections and covers information relating to road accidents in the context of road length and vehicular population; profile and long term trends; accidents in terms of classification of roads; accidents in terms of involvement of vehicles and road users; causes of road accidents; inter-state comparisons; share of Millions Plus Cities; spatial and inter-temporal distribution of road accidents; international comparisons; road safety initiatives taken by the Government of India etc.

Information/ data contained in this publication is collected from the Police Departments of all the States/U.Ts and Million Plus Cities in India through specific designated nodal officers (DGP/ADGP) Crime, ADGP (Traffic), Director (State Crime Record Bureau) in a set of standard formats.

I am especially thankful to the Police Departments of all States/U.Ts who have provided data/information as per prescribed format to Transport Research Wing in time. I wish to record my deep appreciation of the outstanding support and cooperation provided by all who have contributed to improve and complete this report. This report is a joint endeavor of officers/staff of Transport Research Wing (TRW) each contributing with their knowledge skills and commitment.

It is a continuous endeavor to improve the quality of road accidents data. In this direction, during the year under review, the initiatives taken by MoRTH to integrate the road accident recording format with that of the Interoperable Criminal Justice System (ICJS) of the Ministry of Home Affairs (MHA) have moved forward. All the 55 fields of the road accident recording format prescribed by MoRTH have been incorporated in ICJS of MHA. The software developed by MHA would be accessible to all police stations and also to the general public. This system is being made operational in a phased manner starting from April 2018.

I hope that this document would be useful for policy makers, scholars, academia, civil society organizations and society at large.

  
(Kal Singh)

Dy. Director General (TRW)

New Delhi  
Date: July 2018

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## EXECUTIVE SUMMARY

1. A total of 4,64,910 road accidents have been reported by States and Union Territories (UTs) in the calendar year 2017, claiming 1,47,913 lives and causing injuries to 4,70,975 persons.
2. For the second consecutive year, the number of road accidents has declined in 2017 over the previous year (2016). Similarly, the number of persons injured has been on the decline since 2015. In percentage terms, the number of accidents in 2017 has been lower by 3.3 per cent and injuries by 4.8 per cent over that of the previous year, 2016.
3. Significantly, the number of persons killed in road accidents during 2017 has been less than that of 2016 by 1.9 per cent.
4. There has also been a decline in the number of fatal accidents, i.e., accident involving at least one death. A total of 1,34,796 fatal accidents were reported in 2017, which is 0.9 per cent lower than the 2016 figure of 1,36,071. Road accident severity measured by the number of persons killed per 100 accidents, however, saw a marginal increase of 0.4 percentage points in 2017 over the previous year.
5. In terms of accidents on road categories, the National Highways accounted for 30.4 per cent of total road accidents and 36.0 per cent of deaths in 2017. Accidents on State Highways and other roads constitute 25 per cent and 44.6 per cent respectively. In case of fatality, State Highways and other roads have accounted for 26.9 per cent and 37.1 per cent, respectively.
6. Among vehicle categories involved in road accidents, two-wheelers accounted for the highest share (33.9%) in total accidents and fatalities (29.8%) in 2017. Light vehicles comprising cars, jeeps and taxis as a category comes a distant second with a share of 24.5 per cent in total accidents and 21.1 per cent in total fatalities.
7. In terms of road-user categories, the share of two-wheeler riders in total fatality has been highest (33%) in 2017. Pedestrian road-users comprise 13.8 per cent of persons killed in road accidents during 2017.
8. Fatal road accident victims largely constitute young people in the productive age groups. Young adults in the age group of 18 - 45 years accounted for 72.1 per cent of victims during 2017. People in working age group of 18 – 60 years accounted for a share of 87.2 per cent in the total road accident fatalities.
9. The State of Tamil Nadu has recorded highest number of road accidents in 2017, but the number of persons killed in road accident has been highest in Uttar Pradesh. Major States that achieved significant reduction in road accidents and fatalities in 2017 are Tamil Nadu, Maharashtra, Gujarat and West Bengal. Uttar Pradesh and Bihar were the worst performers recording large increase in the number of road accidents and fatalities in 2017 as compared to 2016.
10. To implement the measures outlined in the National Road Safety Policy, the Ministry has formulated a multi-pronged road safety strategy based on 4 'E's viz. Education, Engineering (both of roads and vehicles), Enforcement and Emergency Care. Road safety has been made an integral part of road design at planning stage and safety audit of

selected stretches of National Highways has been taken up. High priority has been accorded to rectification of black spots on national highways.

11. Model driving training institutes are set up in States and refresher trainings to drivers of Heavy Motor Vehicle in the unorganized sector have been organized. Advocacy/Publicity campaign on road safety through the electronic and print media has been sustained and broadened. Road safety activities have been included in schedule (vii) of the Companies Act, 2013 to enable

Corporates to undertake road safety related activities under CSR.

12. Safety standards for vehicles like seat belts, anti-lock braking system etc. has been tightened. Under the National Highway Accident Relief Service Scheme, State Governments are provided cranes and ambulances and the National Highways Authority of India also provides ambulances at a distance of every 50 km. on its completed stretches of NHs under its Operation & Maintenance contracts.



## **SECTION 1: ROAD ACCIDENTS IN THE CONTEXT OF REGISTERED VEHICLES AND ROAD NETWORK**

Road transport is essential for development as it provides mobility to people and goods. However, it also exposes people to the risk of road accidents, injuries and fatalities. Exposure to adverse traffic environment is high in India because of the unprecedented rate of motorization and growing urbanization fueled by high rate of economic growth. As a result, incidents of road accidents, traffic injuries and fatalities have remained unacceptably high in the India.

Today, road traffic injuries are one of the leading causes of death, disabilities and hospitalization in the country. Road traffic injuries constitute the 8<sup>th</sup> leading causes of death in India in 2016 (IMHE; <http://healthdata.org/india>), and are the leading cause of health loss among young men of age 15-49 years.

### **Road accidents in 2017 – A brief outline**

A total of 4,64,910 road accidents have been reported by States and Union Territories (UTs) in the calendar year 2017 claiming 1,47,913 lives and causing injuries to 4,70,975 persons. These figures translate, on an average, into 1274 accidents and 405 deaths every day or 53 accidents and 17 deaths every hour in the country.

The year 2017 has shown marked improvement over 2016. The number of road accidents in 2017 is lower by 3.3% than that of the previous year, 2016. Similarly, the number of injuries and deaths on account of road accidents has been lower by 4.8% and 1.9% respectively.

In terms of accidents on road categories, the National Highways accounted for 30.4 per cent of total road accidents and 36.0 per cent of deaths in 2017. Accidents on State Highways and other roads constitute 25 percent and 44.6 percent respectively. In case of fatality, State Highways and other roads accounted for 26.9 per cent and 37.1 per cent of total road accident deaths, respectively.

Among vehicle categories, two-wheelers accounted for the highest share in total

accidents (33.9%) and also in total fatalities (29.8%) in 2017. Similarly, among road-user categories, the share of two-wheeler riders in total fatality has been highest (33%) in 2017. Pedestrian road-users comprise 13.8 per cent of persons killed in road accidents during 2017. The State of Tamil Nadu has recorded highest number of road accident in 2017, but the number of persons killed in road accident has been highest in the State of Uttar Pradesh.

### **Registered motor vehicles**

Sustained economic growth and increased per capita income have led to rapid growth of motorized vehicles in India. There were 230 million registered vehicles in India as on 31<sup>st</sup> March 2016. The total number of registered motor vehicles in the country grew at a compound annual growth rate (CAGR) of 9.9 per cent between 2006 and 2016. Among different category of vehicles, highest CAGR of 10.1 per cent each were recorded by two-wheelers and cars, jeeps and taxis. Good vehicles and buses recorded CAGR of 9.0 per cent and 5.9 per cent, respectively. Composition of vehicular population in 2016 shows the highest share of two-wheelers (73.5%) followed by cars, jeeps and taxis (13.1%), other vehicles (8.1%), goods vehicle (4.6%) and buses (0.8%).

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

significant implications on traffic congestion and safety.

Vehicle density expressed in number of vehicles per kilometer of road length has increased from 28 vehicles in 2010 to 41 in 2016. This is indicative of the growing road traffic congestion in the country (for lack of a more appropriate data, i.e., vehicles on roads).

### Road network

Road network in India, of about 56 lakh km in March 2016, is one of the largest in the world. The country's road network consists of National Highways, State Highways, Districts roads, Rural and Village roads. Over the years, there has been consistent improvement in road network across the country through the construction of new roads and upgradation of the existing roads.

During the decade 2006 to 2016 the total road length of the country increased at a CAGR of 3.7 per cent.

India's road density at 1.7 km/sq.km of area was higher than that of many developed countries though surfaced/paved road constituting 62.5 per cent of the total road length is comparatively lower than that of developed countries. National Highways constitute 1.80 per cent of the total road length of the country in 2016. The balance road networks comprise State Highways (3.1%), District Roads (10.0%), Rural Roads (70.2%), Urban Roads (9.1%) and Project Roads (5.7%).

An overview of road accidents, registered vehicles and road length from 1970 is presented at **Table 1.1** below. A more detailed statistics can be seen at **Annexure 1**.

**Table 1.1: 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	1401	1,189	103.50	1.18
1980	153	24	109	4,521	1,492	53.09	3.03
1990	283	54	244	19,152	1,984	28.25	9.65
2000	391	79	399	48,857	3,316	16.15	14.73
2010	500	135	528	1,27,746	4,582	10.53	27.88
2015	501	146	500	2,10,023	5,472	6.96	38.38
2016	481	151	495	2,30,031	5,603	6.55	41.05
2017	465	148	471	NA	NA	-	-

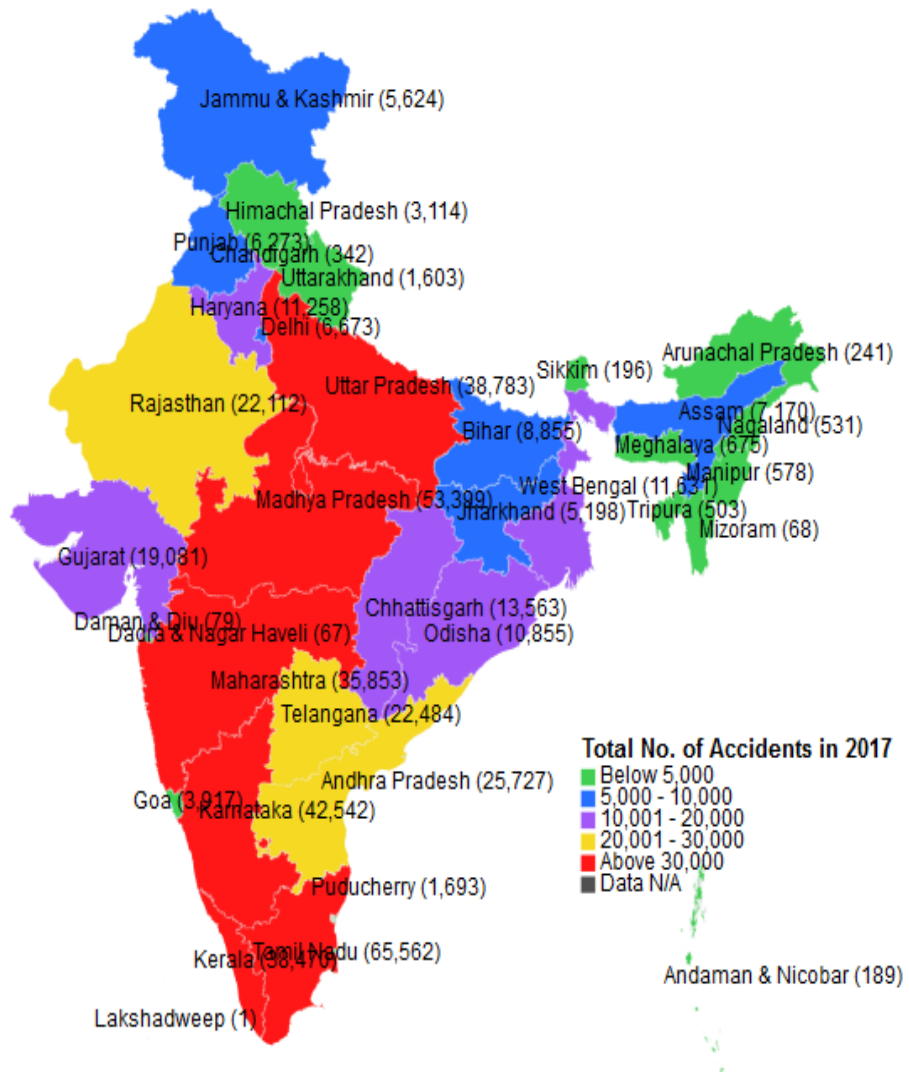
### Road safety and accident remedial measures

The number of road accidents and injuries has declined in 2017 for the second consecutive year. This declining trend is reinforced in 2017 by the lesser number of persons killed in road accidents over the previous year. The 2017 statistics seems to suggest plateauing of India's road accident and fatality curves. Maintaining this trend would, however, be contingent upon carrying

forward the current proactive approach towards road safety by all stakeholders.

The Ministry of Road Transport has formulated road safety strategy based on 4-Es, namely Education, Engineering (of both roads and vehicles), Enforcement and Emergency care. The strategy is under implementation and substantial progress has been achieved. Details regarding road safety initiatives and road accident remedial measures implemented by the Ministry are given at Section 11 and 12 of this report.

**Map 1.1 Road Accidents in 2017 - State-wise**





## SECTION 2: PROFILE AND TRENDS OF ROAD ACCIDENTS

For the second consecutive year, the number of road accidents in India has declined in 2017 over the previous year. The number of road accidents in the country has seen a decline from the peak of 5,01,423 in 2015 to 4,80,652 in 2016 and further to 4,64,910 in 2017. Similarly, the number of persons injured has been on the decline since 2015. But a more remarkable feature about 2017 is the decline in the number of fatal accidents, i.e., accident involving at least one death, and the number of persons killed in road accidents. In 2017, a total of 1,34,796 fatal accidents were reported which is lower than the 2016 reported figure of 1,36,071. These fatal accidents had claimed 1,47,913 lives in 2017 as against 1,50,785 in 2016.

### Broad profile of 2017 vis-à-vis 2016

As mentioned above, significant reduction in road accidents, fatality and injury have been achieved in the calendar year 2017. Incidence of road accidents have declined by 3.3 per cent in 2017 as compared to 2016 and the number of fatal accidents declined by 0.9 per cent. Similarly, there is a 1.9 per cent fall in the number of persons killed in road accidents in 2017 and 4.8 per cent decline in the injuries.

Road accident severity measured by the number of persons killed per 100 accidents, however, saw a marginal increase of 0.4 percentage points in 2017 over the previous year. It underscores the need for improved trauma care and traffic calming measures which aimed at reducing crash impact energies. **Table 2.1** below compares major parameters of road accident statistics for 2017 vis-à-vis 2016.

**Table 2.1: Major parameters of road accident statistics in 2017 vis-à-vis 2016**

Parameter	2016	2017	% change over previous year
Number of road accidents	4,80,652	4,64,910	-3.3
Number of persons killed	1,50,785	1,47,913	-1.9
Number of persons injured	4,94,624	4,70,975	-4.8
Accident Severity (persons killed per 100 accidents)	31.4	31.8	0.4*

\* In percentage point.

### Type of road accidents in 2017

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

In 2017, out of 4,64,910 road accidents, 1,34,796 (29%) were fatal accidents, 2,95,371 (63.5%) accidents were injury causing accidents. Among injury causing accidents, 1,20,971 (26%) were grievous and 1,74,400 (37.5) were minor injuries. As compared to the previous year, there are absolute decline in the number of fatal accidents, minor accidents and non-injury accidents in 2017 (see **Table 2.2** below). State-wise details for 2017 can be seen at **Annexure 7**.

**Table 2.2: Type of road accidents in 2017 vis-à-vis 2016**

Type of road accident	2016	2017	% change over previous year
Fatal accident	136071 (28.3)	134796 (29.0)	-0.9
Grievous injury accidents	120848 (25.1)	120971 (26.0)	0.1
Minor injury accidents	187642 (39.0)	174400 (37.5)	-7.1
Non-injury accidents	36091 (7.5)	34743 (7.5)	-3.7
<b>Total</b>	<b>480652</b>	<b>464910</b>	<b>-3.3</b>

Note: Figures in parentheses are the percentage share in total accidents.

### Nature of road accidents in 2017

Nature of accident or collision types at aggregated national level data shows that 'head on collision' accounted for 18.7 per cent of total road accidents in 2017. The other major types of collision are 'hit from back' (16.7%), 'hit & run' (14%) and 'hit pedestrian' (13.4%).

As compared to 2016, hit pedestrian, hit from back and hit & run have shown significant increase in 2017. Head on collision, however, came down in 2017 as compared to 2016. Hit pedestrian cases are substantially higher in 2017 over 2016. This seems to suggest some improvement in capturing accident data involving pedestrians with the new data format.

**Table 2.3: Road accidents by type of collision - 2017 vis-à-vis 2016**

Type of collision	2016	2017	% change over previous year
Head on collision	96466 (20.1)	87068 (18.7)	-9.7
Hit from back	59097 (12.3)	77540 (16.7)	31.2
Hit & Run	55942 (11.6)	65186 (14.0)	16.5
Hit Pedestrian	46823 (9.7)	62344 (13.4)	33.1
Hit from side	48413 (10.1)	42675 (9.2)	-11.9
Vehicle Overturn	48558 (10.1)	30037 (6.5)	-38.1
Others*	125353 (26.1)	100060 (21.5)	
<b>Total</b>	<b>480652</b>	<b>464910</b>	<b>-3.3</b>

Note: Figures in parentheses are the percentage share in the total of respective columns.

\* Includes run-off road, hit fixed object, hit animal, hit parked vehicle and other unspecified collisions types.

### Collision types and their corresponding fatalities and injuries in 2017

Road accident statistics for 2017 reveals that the percentage share of individual collision types in the total accident are broadly similar to the respective percentage share in fatalities and injuries. Fatality on account of accidents involving hit and run, head on collision, hit from back, hit pedestrian have higher share in total fatality than their respective share in

total accidents. Hit and run collision proves to be most fatal.

In case of injury, head on collision, hit from back, hit and run and pedestrian hit have higher share in total injuries than their respective share in total accident. Table 2.4 below gives the number and percentage share of collision types for 2017. State-wise figures for collision types for 2017 are presented at **Annexure 8**.

**Table 2.4: Road accidents, fatalities and injuries by type of collision – 2017**

Collision type	No of accidents	Persons killed	Persons injured
Head on Collision	87068 (18.7)	24170 (16.3)	98452 (20.9)
Hit from Back	77540 (16.7)	22446 (15.2)	83287 (17.7)
Hit & Run	65186 (14.0)	25866 (17.5)	59544 (12.6)
Pedestrian	62344 (13.4)	18886 (12.8)	54090 (11.5)
Hit from side	42675 (9.2)	12071 (8.2)	44247 (9.4)
Vehicle Overturn	30037 (6.5)	9413 (6.4)	32420 (6.9)
Run Off Road	13209 (2.8)	5191 (3.5)	14976 (3.2)
Fixed Object	12085 (2.6)	4283 (2.9)	12156 (2.6)
With Parked Vehicle	7104 (1.5)	2317 (1.6)	7432 (1.6)
With Animal	3611 (0.8)	1360 (0.9)	3135 (0.7)
Others*	64051 (13.8)	21910 (14.8)	61238 (13.0)
	<b>464910</b>	<b>147913</b>	<b>470975</b>

*Note: Figures in parentheses are the percentage shares in the total of respective columns.*

\* Include other unspecified collisions types.

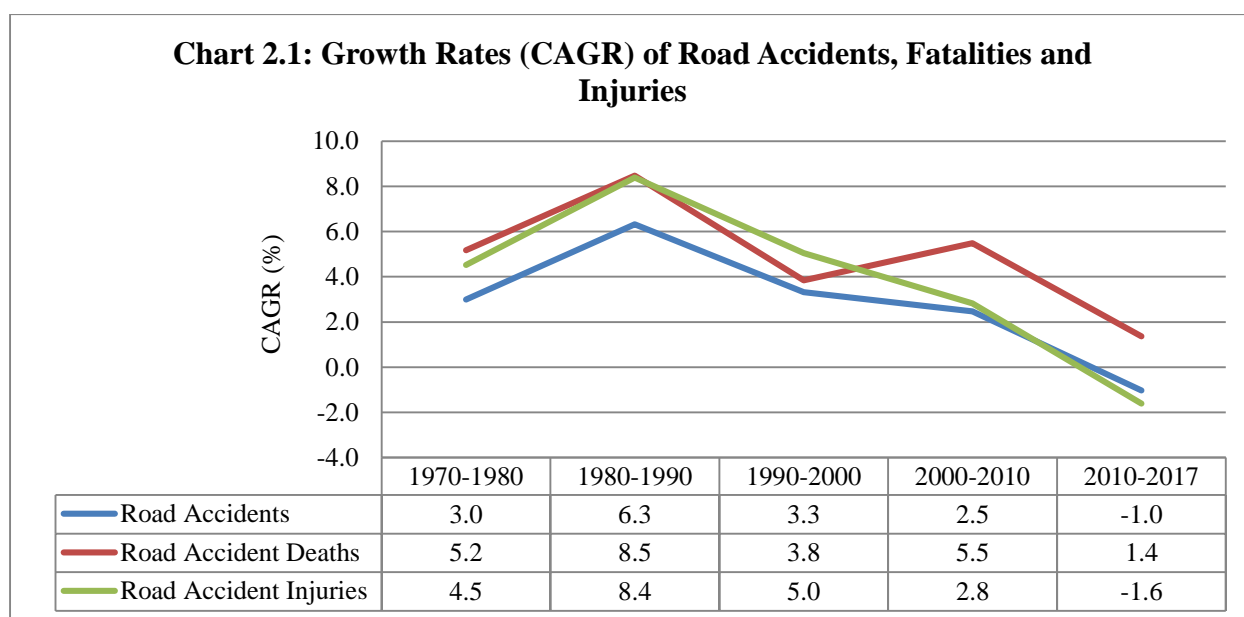
### Long-run trends of road accidents in India

Despite some fluctuations, there has been a clear declining trend in the number of road accidents and the number of persons injured in India from 2010. The fatality numbers which showed consistent increase from 2013 to 2016 has also recorded a marked decline in 2017. The decadal growth rates have

revealed that road accidents, fatalities and injuries peaked during 1980-1990. Subsequently, the growth rates in respect of the number of road accidents and injuries have declined consistently over the decades and by current decade there has been a decline even in the absolute numbers. The number of fatality on account of road accidents, however, showed a slightly

different growth trends over the decades. The number of fatality has seen a higher growth rate in 2000 – 2010 than in the preceding decade of 1990-2000, but recorded a sharp

decline in 2010-2017. The decadal trend of growth rates suggests that reduction in fatality follows a decline in incidences of road accident, but with a lag.



Major parameters of road accident statistics in India from 2005 to 2017 are given on **Table 2.5** below. While the absolute numbers for road accident, fatal accident,

fatality and injury are on the decline, the ratios pertaining to fatal accidents and accident severity have been consistently increasing, year after year.

**Table 2.5: Long-run trend of major parameters of road accident statistics**

Year	Number of Accidents		Number of Persons		Accident Severity*
	Total	Fatal	Killed	Injured	
2005	4,39,255	83,491 (19.0)	94,968	465,282	21.6
2006	4,60,920	93,917 (20.4)	105,749	496,481	22.9
2007	4,79,216	1,01,161 (21.1)	114,444	513,340	23.9
2008	4,84,704	1,06,591 (22.0)	119,860	523,193	24.7
2009	4,86,384	1,10,993 (22.8)	125,660	515,458	25.8
2010	4,99,628	1,19,558 (23.9)	134,513	527,512	26.9
2011	4,97,686	1,21,618 (24.4)	1,42,485	5,11,394	28.6
2012	4,90,383	1,23,093 (25.1)	1,38,258	5,09,667	28.2
2013	4,86,476	1,22,589 (25.2)	1,37,572	4,94,893	28.3
2014	4,89,400	1,25,828 (25.7)	1,39,671	4,93,474	28.5
2015	5,01,423	1,31,726 (26.3)	1,46,133	5,00,279	29.1
2016	4,80,652	1,36,071 (28.3)	1,50,785	4,94,624	31.4
2017	4,64,910	1,34,796 (29.0)	1,47,913	4,70,975	31.8

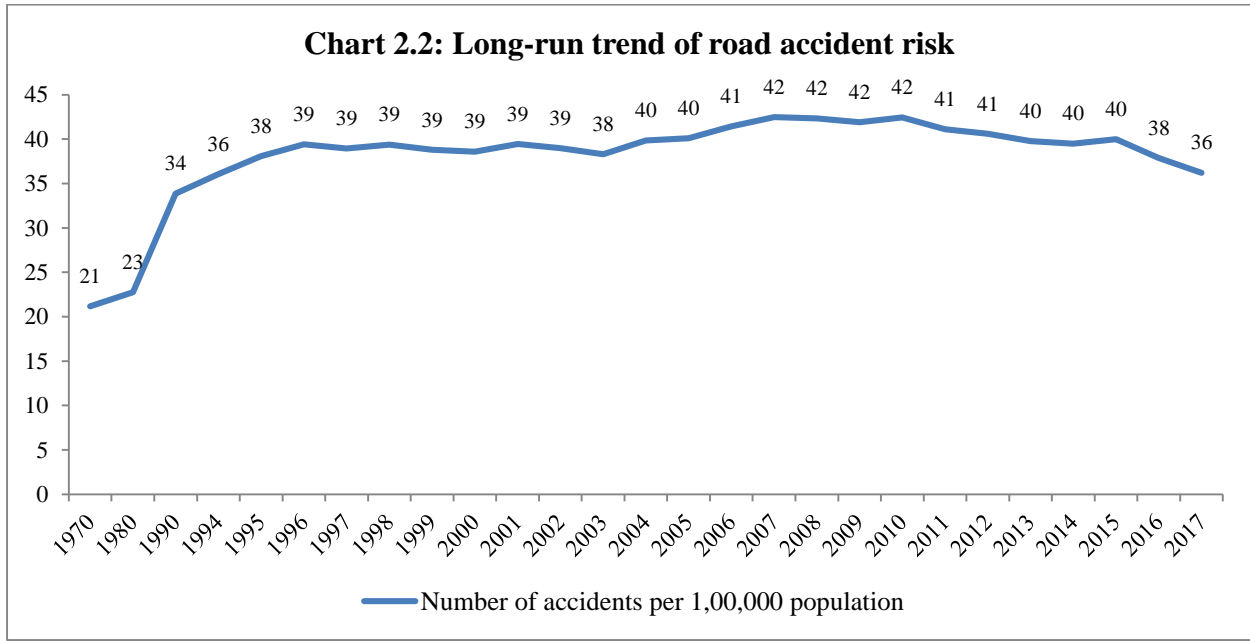
*Note: Figures in parentheses indicate share of fatal accidents in total accidents.*

\* Number of persons killed per 100 accidents. State-wise details for 2014 to 2017 are given at **Annex 6**.

## Long-run trends of normalized indicators

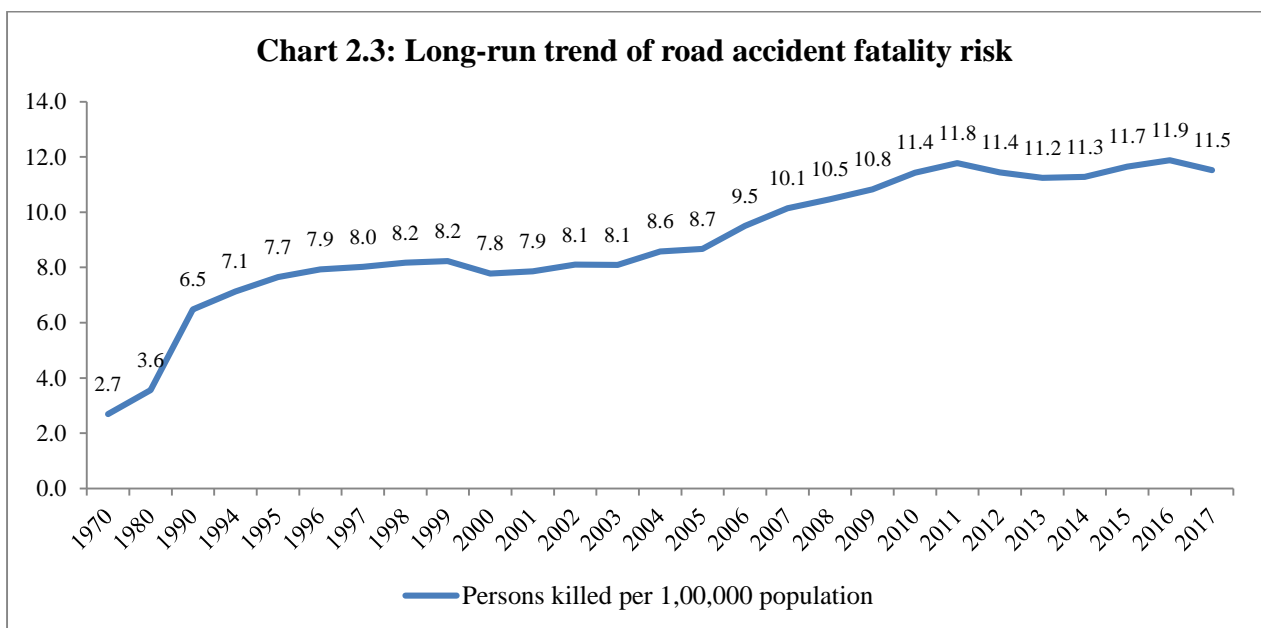
*Accident risk* is a measure to observe the number of road accidents in the country in a year relative to the population for the year. It is expressed in terms of road accidents per 1,00,000 population.

**Chart 2.2** gives the long-run trend of road accident risk in India exhibiting a general increasing trend till 2007. It became stable till 2010 and thereafter, is on a declining path. Sharp decline is visible from 2015 to 2017.



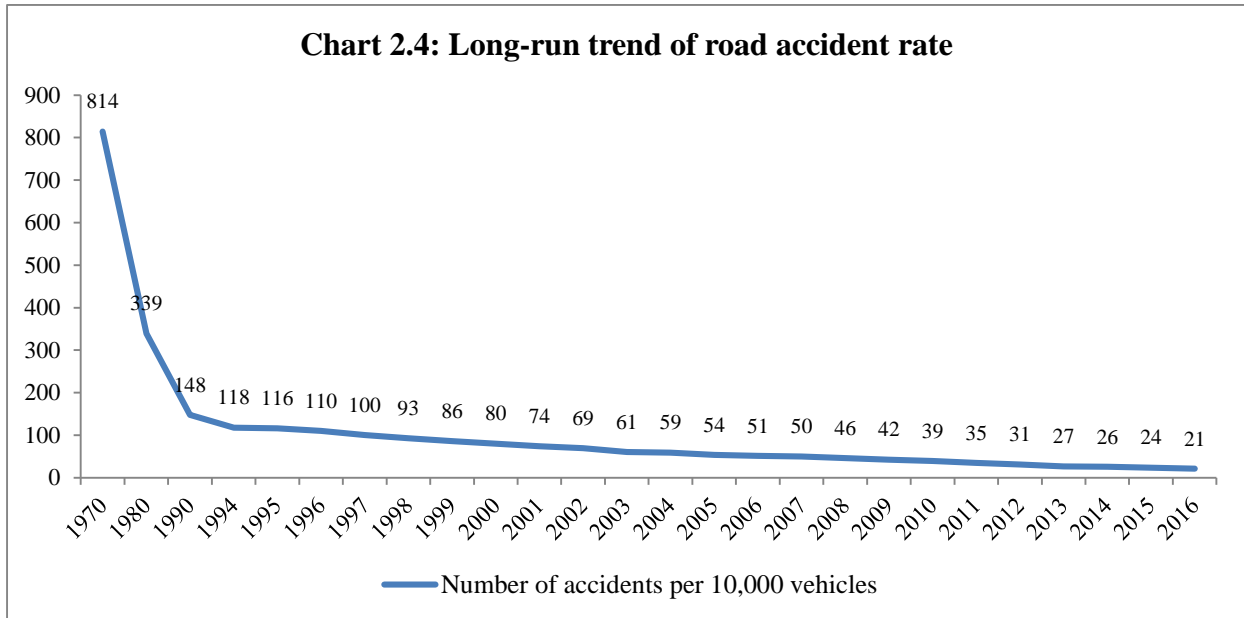
Road accident *fatality risk* is measured by the number of accident fatality (persons killed) in a year per 1,00,000 population. The trend line exhibits a clear increasing path despite some fluctuations. It implies road accident

fatality, in general, growing faster than population. The ratio, however, showed a marked decline from the peak of 11.9 in 2016 to 11.5 in 2017 (see **Chart 2.3** below).



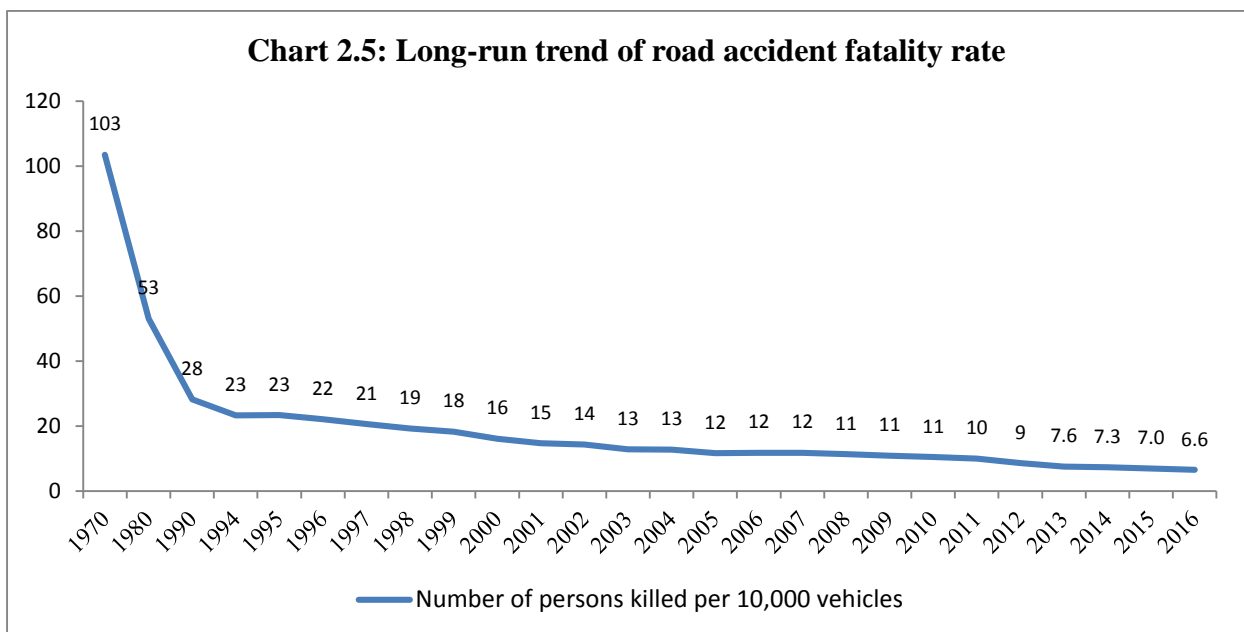
*Accident rate* is used to explain road accident relative to vehicular population in the country. It is measured by the number of road accidents per 10,000 vehicles. **Chart 2.4** below gives the long-run trend of road

accident per 10,000 registered vehicles in India. High rate of motorization in the country is evident as the ratio declines consistently over the years.



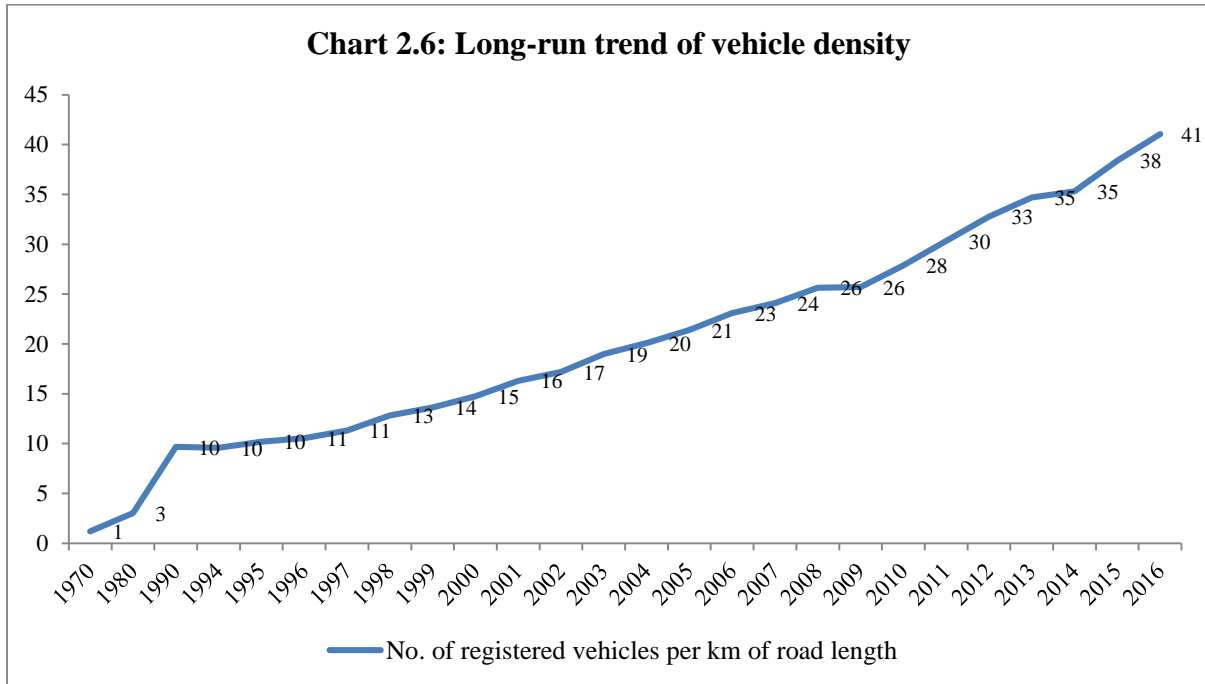
Road accident *fatality rate* is another indicator which compares the number of fatality (persons killed) with the number of vehicles in the country. It is expressed in terms of road accident fatality per 10,000

vehicles. Both accident rate and fatality rate have shown similar declining trends. **Chart 2.5** exhibits fatality rate in terms of fatality per 10,000 registered vehicles in the country.



*Vehicular density* indicates road traffic congestion and hence, the level of road accident risk. It is expressed in terms of the number of vehicles per kilometre of road length. Ideally, vehicle density should be in terms of on road vehicles and lane km of road length. However, in absence of these

data, the number of registered vehicles and total road length in km are employed to express vehicle density in India (**Chart 2.6**). The long-run shows that vehicle density has increased consistently from 1994. The rate of increase gained momentum from 2010 as evident from the steeper slope of the curve.





### SECTION 3: ACCIDENTS BY ROAD CATEGORY AND ROAD FEATURES

The total road length in India is about 56 lakh km (as on 31<sup>st</sup> March 2016) consisting of 1.01 lakh km of National Highways, 1.76 lakh km of State Highways and the remaining 53.26 lakh km consist of district roads, rural roads, urban roads and project roads. In percentage term, National Highways constitute 1.8 per cent, State Highways 3.1 per cent and other roads 95 per cent, respectively of the total road length in the country. Though the percentage share of these three broad categories of roads in the total road length is highly uneven, the distribution of the number of road accidents, fatality and injury in 2017 among these road categories was much less skewed.

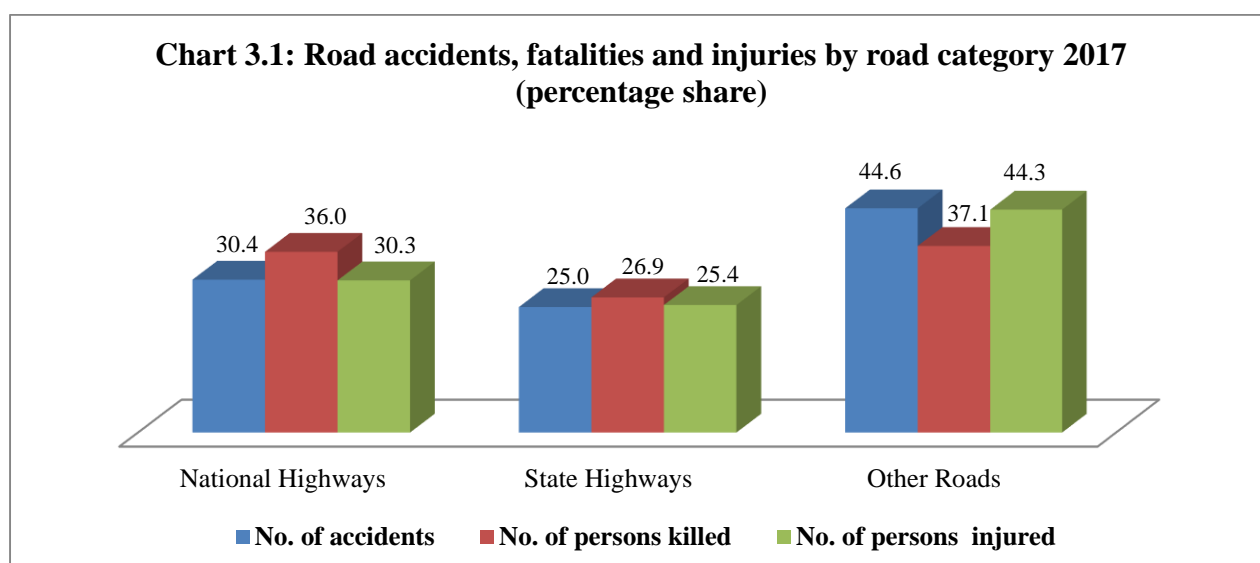
In 2017, out of the total 4,64,910 road accidents recorded in the country, 1,41,466 (30.4%) took place on the National Highways (NH) including Expressways, 1,16,158 (25.0%) on State Highways (SH) and 2,07,286 (44.6%) on other roads. In case of fatality, accidents on the NH accounted for 53,181 (36.0%) deaths, SH 39,812 (26.9%) and other roads 54,920 (37.1%). The

distribution and percentage shares of accidents and fatality among the road categories underlines the high accident and fatality rates and also high accident severity on the NH and SH given their relatively low share in the total road length of the country. However, it need to be kept in mind that about 40 per cent of the total road traffic in the country is carried by the NHs.

**Table 3.1: Road accidents, fatalities and injuries by road category - 2016 & 2017**

Road category	2016			2017		
	No. of Accidents	Persons Killed	Persons Injured	No. of Accidents	Persons Killed	Persons Injured
National Highways	1,42,359 (29.6)	52,075 (34.5)	1,46,286 (29.6)	1,41,466 (30.4)	53,181 (36.0)	1,42,622 (30.3)
State Highways	1,21,655 (25.3)	42,067 (27.9)	1,27,470 (25.8)	1,16,158 (25.0)	39,812 (26.9)	1,19,582 (25.4)
Other Roads	2,16,638 (45.1)	56,643 (37.6)	2,20,868 (44.6)	2,07,286 (44.6)	54,920 (37.1)	2,08,771 (44.3)
<b>Total</b>	<b>4,80,652</b>	<b>1,50,785</b>	<b>4,94,624</b>	<b>4,64,910</b>	<b>1,47,913</b>	<b>4,70,975</b>

Note: Figures in parentheses represents percentage shares in the total of respective columns.



### Long-run trend of relative share of road categories

The share of different categories of roads in the number of accidents, persons killed and injured has remained largely stable over the years. The number of road accidents on National Highways in 2017 has been lower than the previous year i.e., 2016, but the percentage share has increased marginally due

to the decline in total accidents. This is because the number of road accident has declined in 2017 for other road categories as well. The fatality in road accidents on NH has, however, increased in 2017 both in absolute term as well as in percentage share. **Table 3.2** below gives the percentage share of the three broad categories of roads from 2005 to 2017. State-wise & road category-wise details are given at **Annexure 9 to 18**.

**Table 3.2: Long-run trends of relative share of road categories in road accidents, fatalities and injuries**

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
2005	29.6	37.3	31.3	23.6	27.2	25.7	46.8	35.5	43.0
2006	30.4	37.7	30.8	18.5	26.8	24.9	51.1	35.5	44.3
2007	29.0	35.5	30.2	24.4	27.7	26.2	46.6	36.8	43.6
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	36.0	30.3	25.0	26.9	25.4	44.6	37.1	44.3

### Accidents by road environment

Residential area, institutional area and market/commercial area tends to have traffic congestion and hence, higher exposure to road accidents. The data for 2017, however, showed that over 50 per cent accidents occurred in open area, i.e., locations which normally do not have any human activities in the vicinity (**Table 3.3** below). Accidents in residential area constitute 19.2 per cent of total accidents and 17.5 per cent of total fatality. Market/commercial area accounted for 12.5 per cent of total accidents and 11.5 per cent of fatality.

Institutional area accommodating institutions such as schools, colleges, hospitals or large government establishments also tend to have traffic congestion on account of vehicular and pedestrian traffic. The share of accidents occurring in institutional area in the total accident is lower than expected. It may be explained in terms of better enforcement of traffic rules in residential, institutional and commercial areas. Open areas, normally, would be expected to have a lower enforcement presence, thereby prone to dangerous driving and traffic rules violations. **Annexure 19** gives State-wise figures of accidents by type road environment.

**Table 3.3: Accidents, fatalities and injuries by road environment - 2017**

Area	Total accidents	Persons killed	Persons injured
Residential Area	89212 (19.2)	25815 (17.5)	88517 (18.8)
Institutional Area	29670 (6.4)	9403 (6.4)	29105 (6.2)
Market/ Commercial area	58166 (12.5)	17059 (11.5)	55376 (11.8)
Open Area	234769 (50.5)	78323 (53.0)	245923 (52.2)
Others*	53093 (11.4)	17313 (11.7)	52054 (11.1)
<b>Total</b>	<b>464910</b>	<b>147913</b>	<b>470975</b>

\* Area not falling within above specified areas.

Note: Figures in parentheses represents percentage in the total of respective columns.

### Accidents by road features

Road features such as sharp curves, potholes and steep grade tend to be accident prone because it takes skill, extra care and alertness to negotiate these road features. The data for 2017 has shown that 64.2 per cent of accidents occurred on straight roads, whereas accidents on curved roads, pothole roads and steep grade together accounted for only 15.6 per cent of the total road accidents (**Table 3.4**). Road sections where construction work were in-progress has accounted for 2.5 per

cent of total accidents in 2017. In absence of data on percentage share of different road features in the total road length of the country, the percentage share of different road features in the total accidents does not constitute sufficient information to designate certain road feature as accident prone. The data, however, suggests that road safety measures must not be ignored in even straight road stretches which are normally considered to be less risky. State-wise details are at **Annexure 20**.

**Table 3.4: Accidents, fatalities and injuries by road feature - 2017**

Road feature	Number of accidents	Persons killed	Persons injured
Straight road	298351 (64.2)	91203 (61.7)	302952 (64.3)
Curved road	54077 (11.6)	17814 (12.0)	57346 (12.2)
Bridge	15514 (3.3)	5543 (3.7)	15839 (3.4)
Culvert	11600 (2.5)	4144 (2.8)	11974 (2.5)
Potholes	9423 (2.0)	3597 (2.4)	8792 (1.9)
Steep grade	9124 (2.0)	3248 (2.2)	9753 (2.1)
Ongoing road works/Under construction	11822 (2.5)	4250 (2.9)	11425 (2.4)
Others*	55000 (11.8)	18115 (12.2)	52896 (11.2)
<b>Total</b>	<b>464910</b>	<b>147913</b>	<b>470975</b>

\* Any other feature not covered by the specified road features or not known.

Note: Figures in parentheses represents percentage in the total of respective columns.

### Accidents by road junction type and traffic control

Road junctions are points where traffic merges and hence are prone to accidents. In 2017, a total of 1,75,853 accidents occurred at road junction which comprise 37.8 per cent of the total 4,64,910 accidents recorded in the country. Among different road junctions, T-

junctions accounted for the highest number of accidents at junctions: comprising 32.1 per cent (**Table 3.5**). Accidents at four-arm junctions constitute 19.7 per cent followed by Y-junction (17.8) and both staggered junction and roundabout junction accounted for a little over 15 per cent each. State-wise figures of accidents by road junction type are at **Annexure 21**.

**Table 3.5: Accidents by road junction type - 2017**

Junction type	Number of accidents	Persons killed	Persons injured
T-Junction	56363 (32.1)	16939 (31.4)	57072 (32.8)
Y-Junction	31249 (17.8)	9806 (18.2)	31108 (17.9)
Four arm Junction	34630 (19.7)	9832 (18.2)	32341 (18.6)
Staggered Junction	26695 (15.2)	8790 (16.3)	26526 (15.2)
Round about Junction	26916 (15.3)	8607 (15.9)	27032 (15.5)
<b>Total</b>	<b>175853</b>	<b>53974</b>	<b>174079</b>

Note: Figures in parentheses represents percentage in the total of respective columns.

Out of 1,75,853 accidents at road junctions, 51,829 (29.5%) accidents took place at junctions which has traffic control measures such as traffic light signals, police control, stop sign and flashing signals/blinkers and the remaining 1,24,024 (70.5%) accidents took place at uncontrolled junctions (**Table 3.6** below). Uncontrolled junctions accounted for

73.3 per cent of fatality at road junctions which is higher than their share in the number of accidents. This highlights the importance and also inadequacy of traffic control mechanism at road junctions. **Annexure 22** gives State-wise figures of accidents at junctions by type of traffic control.

**Table 3.6: Accidents at road junctions by type of traffic control - 2017**

Traffic control	Number of accidents	Persons Killed	Persons injured
Traffic light signal	16563 (9.4)	4058 (7.5)	15547 (8.9)
Police Controlled	13577 (7.7)	4114 (7.6)	12590 (7.2)
Stop Sign	11140 (6.3)	3346 (6.2)	10812 (6.2)
Flashing Signal/Blinker	10549 (6.0)	2896 (5.4)	10644 (6.1)
Uncontrolled	124024 (70.5)	39560 (73.3)	124486 (71.5)
<b>Total</b>	<b>175853</b>	<b>53974</b>	<b>174079</b>

Note: Figures in parentheses represents percentage in the total of respective columns.

### Accidents by weather condition

Weather condition affects road surface condition and the visibility of the motorist, thereby heightening the chances of mishaps. Adverse weather conditions such as heavy rain, thick fog and hail storms make driving riskier as visibility reduces and road surface gets slippery.

The data of road accidents for 2017, however, shows that almost 3/4<sup>th</sup> of the accidents took place under sunny/clear weather (see **Table 3.7** below). Accidents under adverse weather conditions such as rainy, foggy and hail/sleet accounted for only 16 per cent of total road accidents during 2017. State-wise data for road accidents by weather conditions are at **Annexure 23**.

**Table 3.7: Road accidents by weather condition - 2017**

<b>Weather condition</b>	<b>No of accidents</b>	<b>Persons killed</b>	<b>Persons injured</b>
Sunny/clear	3,40,892 (73.3)	1,02,926 (69.6)	3,49,597 (74.2)
Rainy	44,010 (9.5)	13,142 (8.9)	46,004 (9.8)
Foggy & misty	26,982 (5.8)	11,090 (7.5)	24,828 (5.3)
Hail/ sleet	3,078 (0.7)	1,523 (1.0)	2,888 (0.6)
Others	49,948 (10.7)	19,232 (13.0)	47,658 (10.1)
<b>Total</b>	<b>4,64,910</b>	<b>1,47,913</b>	<b>4,70,975</b>

*Note: Figures in parentheses represents percentage in the total of respective columns.*

## SECTION 4: ROAD ACCIDENTS BY TYPE OF VEHICLES INVOLVED

There are over 230 million registered vehicles in India and the number has been growing at almost 10 per cent between 2006 and 2016. The level of vulnerability of road-users to accidents is high as the same road space is shared among wide variety of motorized and non-motorized vehicles and pedestrians. Among motorized vehicles, two-wheelers constitute 73.5 per cent and light motor vehicles comprising of cars, jeeps and taxis constitute 13.1 per cent. Non-motorized vehicles on the roads include cycles, cycle rickshaws, hand-drawn carts, animal drawn carts.

Motorized vehicles accounted for 91.6 per cent of the total road accidents during the calendar year 2017 as against 95.5 per cent in 2016. Within motorized vehicle categories, two-wheelers accounted for the highest share in total road accidents (33.9%) followed by the combined cars, jeeps and taxis category of vehicles (24.5%), then the combined vehicle category comprising trucks, lorries, tempos, tractors and other articulated

vehicles (20.0%), buses (6.9%) and auto-rickshaws (6.3%). In case of fatality, 88.0 per cent of deaths in road accidents during 2017 involved motorized vehicles against 93.6 per cent in 2016. The number and percentage share of accidents, persons killed and injured during 2016 and 2017 based on vehicle type involved is at **Table 4.1**. State-wise details of accidents by vehicle types are given in **Annexure 24**.

**Table 4.1: Road accidents, fatalities and injuries by vehicle type - 2016 & 2017**

Vehicle type	2016			2017		
	No. of Accidents	Persons killed	Persons injured	No. of Accidents	Persons killed	Persons injured
<b>A. Motorized Vehicles</b>						
Two-wheelers	1,62,280 (33.8)	44,366 (29.4)	1,53,060 (30.9)	1,57,723 (33.9)	44,092 (29.8)	1,48,907 (31.6)
Auto-rickshaws	31,440 (6.5)	6,767 (4.5)	39,680 (8.0)	29,351 (6.3)	6,762 (4.6)	35,682 (7.6)
Cars, Jeeps, Taxis	1,13,267 (23.6)	32,599 (21.6)	1,25,773 (25.4)	1,13,737 (24.5)	31,183 (21.1)	1,23,156 (26.1)
Buses	37,487 (7.8)	12,088 (8.0)	50,686 (10.3)	32,145 (6.9)	10,651 (7.2)	44,330 (9.4)
Trucks, Tempos, Tractors	1,01,085 (21.0)	39,504 (26.2)	91,784 (18.6)	92,818 (20.0)	37,505 (25.4)	87,453 (18.6)
Other motor vehicles	13,255 (2.8)	5,886 (3.9)	11,607 (2.3)	-	-	-
<b>Sub-total of (A)</b>	<b>4,58,814</b> (95.5)	<b>1,41,210</b> (93.6)	<b>4,72,590</b> (95.5)	<b>4,25,774</b> (91.6)	<b>1,30,193</b> (88.0)	<b>4,39,528</b> (93.3)
<b>B. Non-motorized vehicles</b>	<b>4255</b> (0.9)	<b>1728</b> (1.2)	<b>3799</b> (0.8)	<b>6,376</b> (1.4)	<b>2798</b> (1.9)	<b>4992</b> (1.1)
<b>C. Other*</b>	<b>17,583</b> (3.6)	<b>7,847</b> (5.2)	<b>18,235</b> (3.7)	<b>32,760</b> (7.0)	<b>14,922</b> (10.1)	<b>26,455</b> (5.6)
<b>Total (A+B+C)</b>	<b>4,80,652</b>	<b>1,50,785</b>	<b>4,94,624</b>	<b>4,64,910</b>	<b>1,47,913</b>	<b>4,70,975</b>

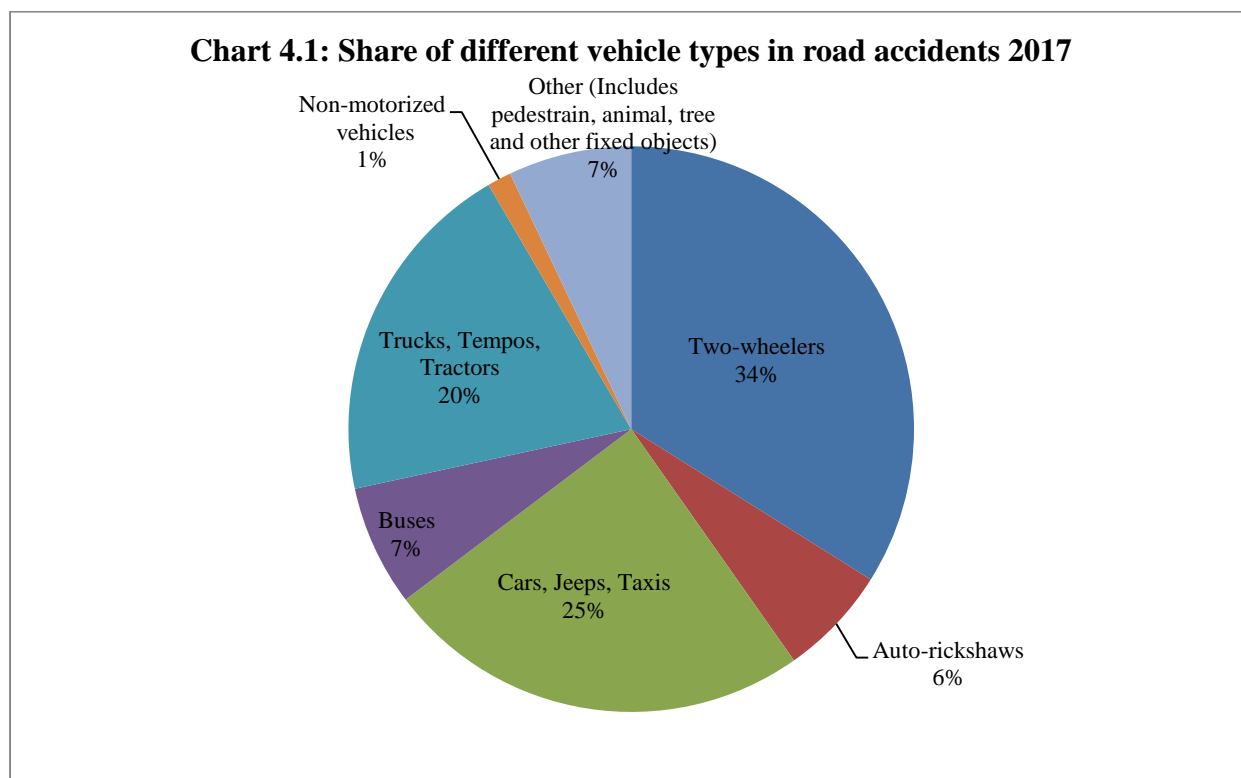
\* Includes pedestrian, animal, tree and other fixed objects

Note: Figures in parentheses are percentage share in the total of respective columns.

Two-wheeler accounted for the highest vehicle category-wise share in road accidents, but the category also dominates the composition of registered vehicles in the country. When the share of different vehicle category involved in accident are related to the respective shares in total registered

vehicles, it becomes evident that it is, in fact, larger vehicles which are relatively more accident prone than two-wheelers.

Graphic presentation of the percentage share of different vehicle types in road accidents during 2017 is given at **Chart 4.1** below.



#### Age of vehicles involved in road accidents

Age of vehicles involved in road accidents is meant to throw some light on prevalence of aged or over-aged vehicles on the roads, accidents due to vehicle defects, assuming that old vehicles tend to have more frequent

malfunction, and the number and share of old vehicles in total accidents. In 2017, a total of 1,04,355 road accidents happened involving vehicles older than 10 years 42,939 accidents, happened involving vehicles over 15 years old (**Table 4.2**). State-wise distribution is given at **Annexure 25**.

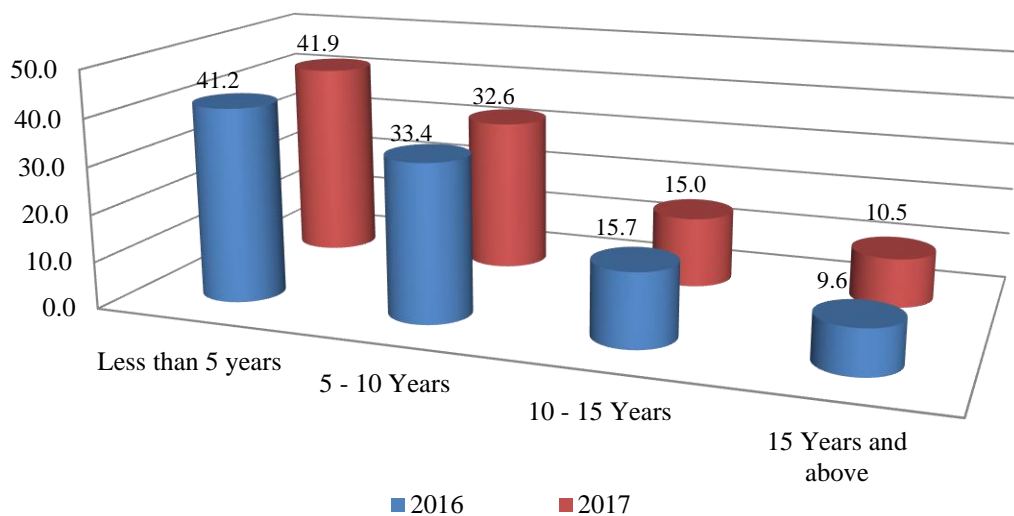
**Table 4.2: Road accidents, fatalities and injuries by age of vehicles involved 2016 & 2017**

Age of vehicle	2016			2017		
	No. of accidents	Persons killed	Persons injured	No. of accidents	Persons killed	Persons injured
Less than 5 years	1,94,198	56,329	2,03,042	1,71,651	48,945	1,77,790
5 - 10 Years	1,57,370	49,536	1,60,642	1,33,395	41,842	1,34,977
10 - 15 Years	74,149	23,775	72,982	61,416	20,193	62,765
15 Years and above	45,358	17,073	47,391	42,939	14,080	43,167

Note: Only known age of vehicles as reported by States included in the table.



**Chart 4.2 Percentage share of age of vehicles involved in road accidents 2016 & 2017**

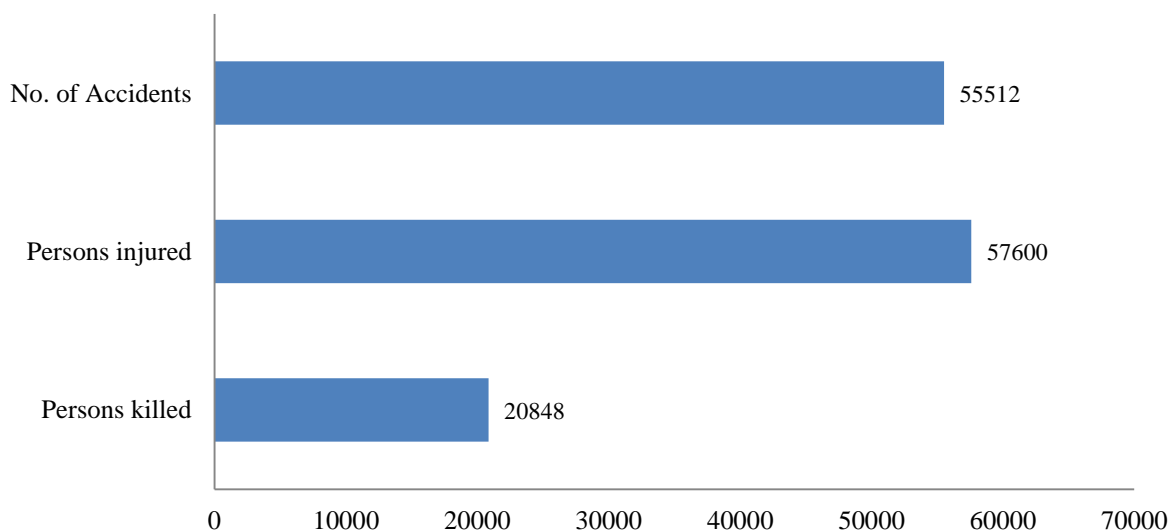


**Load condition of vehicles involved in accident**

Overloaded vehicles and vehicles with loads protruding/hanging are road traffic hazard, risking accident for itself and also for other road users. A total of 55,512 road accidents

during 2017 involved overloaded vehicles. **Chart 4.3** depicts the number of accidents, fatality and injury in cases involving overloaded vehicles. State-wise figures of accidents classified by vehicular load conditions are at **Annexure 26**.

**Chart 4.3: Accidents, Fatalities and Injuries involving overloaded vehicles 2017**



## SECTION 5: ROAD ACCIDENTS BY ROAD-USER CATEGORY AND PROFILE OF FATAL VICTIMS

This section examines the composition of victims of road accidents in India during 2017 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), road user on non-motorized mode of transport is also included. Data on road-user category-wise accident victims helps in highlighting high casualty/vulnerable categories which requires special attention. The degree of vulnerability to the impact of road crash differs among different road user categories. Pedestrians and cyclists are considered vulnerable road users. In general, road safety strategy should aim at ensuring the impact energies, in the event of crash.

Among road user categories, two-wheelers constitute the largest number of road accident fatality 2017, as in the previous year (**Table 5.1** below). However, the absolute number and percentage share of two-wheelers in the total road users have declined in 2017 as compared to 2016.

There is sharp increase in the number of fatal victims in respect of pedestrian and cyclist in 2017 over 2016. The number of pedestrians

killed in road accidents has climbed from 15,746 in 2016 to 20,457 in 2017, an increase of 29.9 per cent and the number of cyclists killed jumped from 2,585 in 2016 to 3,559 in 2017, a 37.7 per cent increase. Pedestrians and cyclists together accounted for 16.2 per cent of persons killed in road accidents during 2017. State-wise details of road accident deaths in terms of road user categories are given in **Annexure 27**.

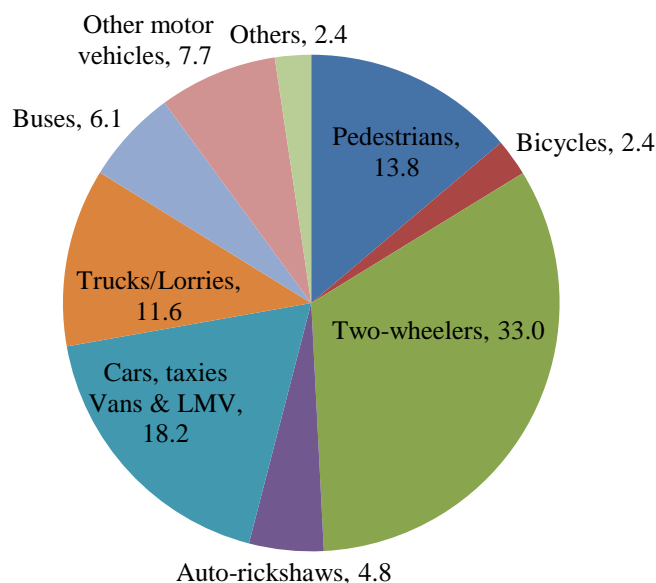
**Table 5.1: Persons killed in road accidents in terms of road user categories - 2016 & 2017**

Road-user category	Persons killed 2016	Persons killed 2017
Pedestrian	15,746 (10.5)	20,457 (13.8)
Bicycles	2,585 (1.7)	3,559 (2.4)
Two-wheelers*	52,500 (34.8)	48,746 (33.0)
Auto-Rickshaws	7,150 (4.7)	7,167 (4.8)
Cars, Taxis, Vans & LMVs	26,923 (17.9)	26,869 (18.2)
Trucks/Lorries	16,876 (11.2)	17,158 (11.6)
Buses	9,969 (6.6)	9,069 (6.1)
Other Motor Vehicles (including e-rickshaw)	15,988 (10.6)	11,410 (7.7)
Others (Animals drawn vehicle, cycle rickshaws, hand carts, & other persons)	3,048 (2.0)	3,479 (2.4)
<b>Total</b>	<b>1,50,785</b>	<b>1,47,913</b>

\*Two-wheelers include motor cycles, scooters, mopeds and scooty.

*Note: Figures in parentheses are percentage share in the total of respective columns*

**Chart 5.1 Percentage share of road user Categories in accident fatalities in 2017**



### Age profile of road accident victims

Age profile of fatal road accident victims of 2017 remains largely same with that of 2016. Road accident victims largely constitute young people in the productive age groups underscoring major implication on economic cost of road accidents, apart from their emotional and psychological impact. Young

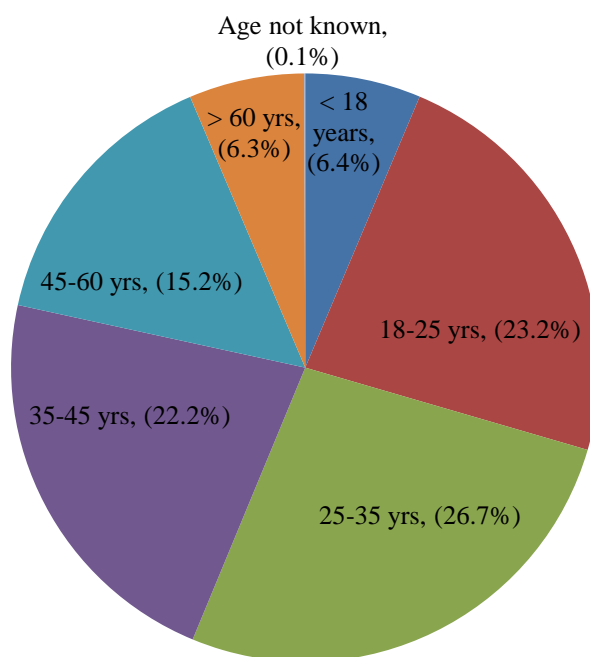
adults in the age group of 18 - 45 years accounted for the high share of 72.1 per cent and working age group, 18 – 60 accounted for a share of 87.2 per cent in the total road accident fatalities. **Table 5.2** below gives age profiles of fatal victims of road accident in 2016 and 2017 and State-wise details are provided at **Annexure 28**.

**Table 5.2: Age profile of fatal road accident victims during 2016 and 2017**

Age-group	2016 Persons killed	2017 Persons killed
Less than 18	10,622 (7.0)	9,408 (6.4)
18-25	31,775 (21.1)	34,244 (23.2)
25-35	38,076 (25.3)	39,549 (26.7)
35-45	33,558 (22.3)	32,788 (22.2)
45-60	22,174 (14.7)	22,462 (15.2)
Above 60	8,814 (5.8)	9,384 (6.3)
Age not known	5,766 (3.8)	79 (0.1)
<b>Total</b>	<b>150785</b>	<b>147913</b>

*Note: Figures in parentheses are percentage share in the total of respective columns.*

**Chart 5.2 Age profile of road accident victims 2017**



**Gender and age profile of fatal road accident victims**

The gender-wise comparison in road accident deaths for the year 2017 revealed that the total number of males and females killed during the calendar year 2017 were 1,27,787 (86.4%) and 20,047 (13.6%) respectively. During the last calendar year the share of

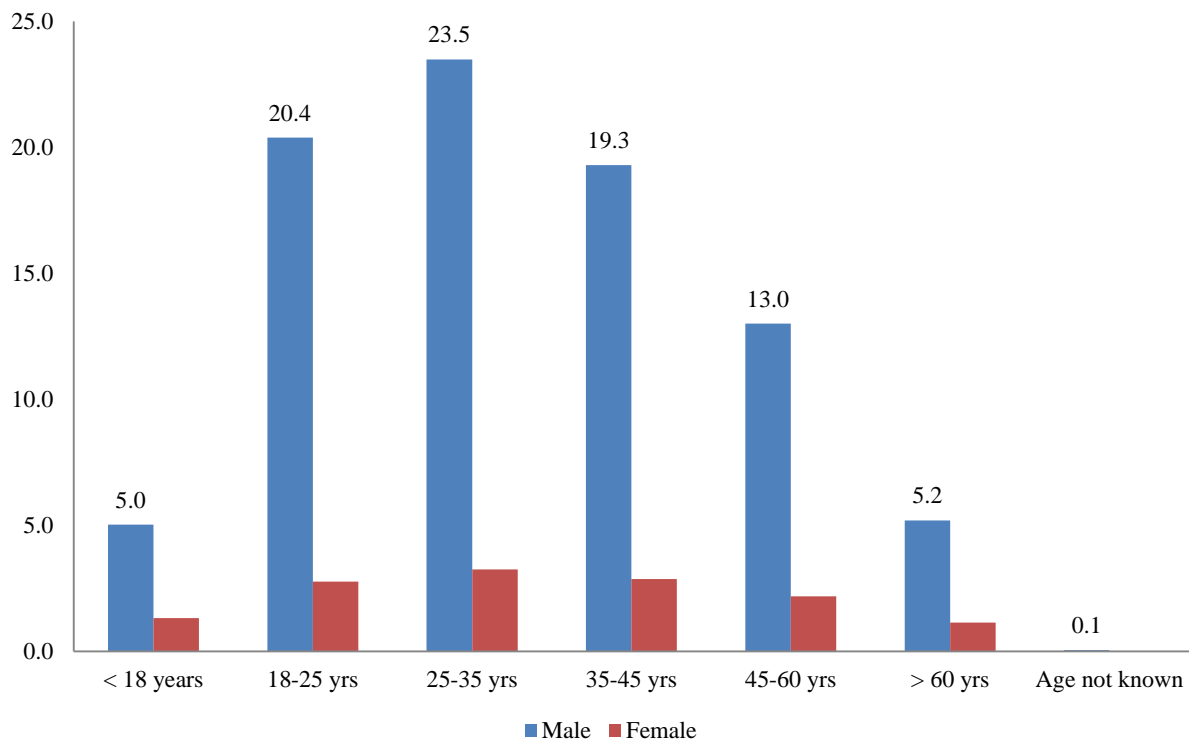
males and females in number accident deaths were 84.5 per cent and 15.5 per cent respectively. This is given at **Table 5.3** below and **Chart 5.3** depicts gender-wise distribution for the year 2017. State-wise, gender-wise breakup of persons killed in road accidents during 2017 is at **Annexure 28**.

**Table 5.3: Gender-wise age profile of fatal road accident victims in 2016 & 2017**

Age-group	2016		2017	
	Male	Female	Male	Female
Less than 18	8,347	2,275	7,443	1,965
18-25	27,417	4,358	30,148	4,096
25-35	32,609	5,467	34,728	4,821
35-45	28,564	4,994	28,538	4,250
45-60	18,592	3,582	19,235	3,227
60 and Above	6,964	1,850	7,696	1,688
Age not known	4,960	806	79	
<b>Total</b>	<b>1,27,453</b> (84.5)	<b>23,332</b> (15.5)	<b>1,27,787</b> (86.4)	<b>20,047</b> (13.6)

*Note: Figures in parentheses are percentage share in total fatality.*

**Chart 5.3: Age profile of fatal road accident victims 2017 - Percentage share of age groups**



## SECTION 6: CAUSES OF ROAD ACCIDENTS

Road accidents are multi-causal and are the result of interplay of various factors which can broadly be categorized into human errors, road condition/environment and vehicular condition. From the perspective of road safety strategy, an objective way to establish the factors responsible for a road accident would be to look into data pertaining to the circumstance under which it has occurred. Towards this objective, this Section examines the aggregate data relating to accidents involving traffic rules violations against types of collision, road features, traffic control at junctions and vehicular issues such as over-aged and overloaded vehicles which have been covered in the previous sections. The Section also examines the data on road accidents involving use/non-use of safety devices and driving without valid driver license.

### Traffic rules violations

Road accidents during 2017 attributable to various types of traffic rules violations reveals that over speeding constitutes the main violation associated with accidents (see **Table 6.1** below). Over speeding and driving on wrong side together accounted for 76.7 per cent of total accidents and 73.1 per cent of total deaths.

Violation of other rules, viz., drunken driving, red light jumping and use of mobile phones together accounted for just 6.2 per cent accidents and 6.5 deaths. Road accidents which do not involve traffic rules violation or violation not known (such as hit-and-run cases) constitute 17.1 per cent and accounted for 20.3 per cent of the total fatality.

Violation of any traffic rule constitutes human error or driver's fault. But from the perspective of road safety strategy, violations such as over speeding and driving on wrong side does not constitute human error alone, but also possible fault in road design. The approach opens up the scope for road engineering measures to address problems which are, prima facie, considered to be human error and enforcement issues.

Drunken driving, red light jumping and use of handheld devices (such as mobile phones) are violations which could, perhaps, be solely attributable to traffic rules enforcement. State-wise distribution of accidents on account of traffic rules violations can be seen at **Annexure 29**.

**Table 6.1: Road accidents by type of traffic rules violations - 2017**

Traffic rules violation	Number of accidents	Persons Killed	Persons injured
Over-speeding	3,27,448 (70.4)	98,613 (66.7)	34,3083 (72.8)
Driving on wrong side	29,148 (6.3)	9,527 (6.4)	30,124 (6.4)
Drunken driving/consumption of alcohol & drug	14,071 (3.0)	4,776 (3.2)	11,776 (2.5)
Use of mobile phone	8,526 (1.8)	3,172 (2.1)	7,830 (1.7)
Jumping red light	6,324 (1.4)	1,826 (1.2)	5,977 (1.3)
No violation & not known	79,394 (17.1)	29,999 (20.3)	72,185 (15.3)
<b>Total</b>	<b>4,64,910</b>	<b>1,47,913</b>	<b>4,70,975</b>

*Note: Figures in parentheses are percentage share in the total of respective columns.*

### Traffic rules violation and type of collisions

Over speeding as the major traffic rules violation involving accidents in 2017 is corroborated by the data on road accidents by type of collision in Table 2.3 of Section 2 which shows that head on collision constituted the highest collision type (18.7%) followed by hit from back (16.7%), among the specified collision types of road accidents during the year. Accidents involving head on collision and hit from back between two vehicles are usually associated with high speeding vehicles.

### Traffic rules violation and road features

Data on road accidents by road environment at Table 3.3 in Section 3 shows that major portion (50.5%) of accidents took place in roads in open area. Similarly, data on road accidents by road features at Table 3.4 reveals that 64.2 per cent of accidents during 2017 occurred on straight roads. Vehicle speed tends to be high on straight road in open areas which corroborates the high percentage share of over speeding in the traffic violations associated with road accidents in 2017.

### Over-aged vehicles and overloading

Old vehicles are prone to breakdowns and lack functioning safety features. Tyres bursts on highways have been resulted in several

incidences of road accident on high speed expressways.

Road accidents in 2017 involving vehicles of over 10 years constitute 25.5 per cent and those of over 15 years constitute 10.5 per cent of total number of accidents. In case of overloading, vehicles involved in road accidents during 2017 constitute 11.9 per cent of total accidents and 14.1 per cent of the total fatalities.

### Road accidents by type of licence

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

In 2017, road accidents involving drivers with learners' licence and without valid licence together constitute 17.5 per cent of total accidents (see **Table 6.2** and **Chart 6.1** below). The number of accident cases involving drivers without valid driving licence has increased from 32,088 in 2016 to 48,503 in 2017. This underscores the need for improved enforcement and also for establishment of quality driving schools and testing centres. State-wise details of road accidents classified by type of driving licence are given at **Annexure 30**.

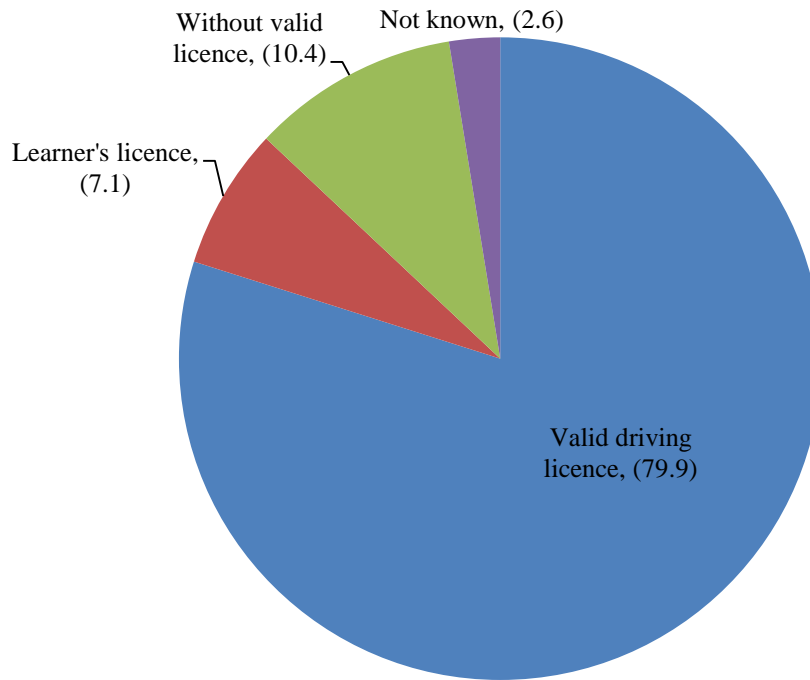
**Table 6.2: Road accidents by type of licence – 2016 & 2017**

Type of Licence	2016 No. of accidents	2017 No. of Accidents
Valid driving licence	4,05,079 (84.3 )	3,71,387 (79.9)
Learner's licence	41,405 (8.6)	33,128 (7.1)
Without valid licence	32,088 (6.7 )	48,503 (10.4)
Not known	2,080 (0.4)	11,892 (2.6)
<b>Total</b>	<b>4,80,652</b>	<b>4,64,910</b>

*Note: Figures in parentheses are percentage share in the total of respective columns.*



**Chart 6.1: Road accidents by type of licence - 2017**



### **Use of safety devices – Helmets and Seatbelts**

Safety devices such as helmets and seatbelts do not prevent accidents but are critical for averting fatal and grievous injuries in an event of road accidents. Helmets are mandatory for all motorists on two-wheelers, barring few exemptions. In 2017, a total of 48,746 road users on two-wheelers lost their lives to road accidents and constitute a single largest road user category in the number of road accident deaths. Out of this, 73.8% did not wear helmets. State-wise details of road

accident victims classified by wearing/non-wearing of helmets are at **Annexure 31**.

Seatbelts are mandatory for driver and the person seated in the front seat in vehicles other than two-wheelers and three-wheelers. In 2017, a total of 26,896 persons killed in road accidents did not use seatbelts though were required to fasten seatbelts. A total of 12,206 persons were killed in road accidents in 2017, despite seatbelts being fastened. State-wise details of road accident victims classified by wearing/non-wearing of seatbelts are at **Annexure 32**.

## SECTION 7: INTER-STATE COMPARISON

This section examines performance of States/UTs in the reduction of road accidents in 2017. The overall decline in the number of road accidents, fatalities and injuries for the country as a whole in 2017 over 2016 is on account of significant reductions achieved by majority of the States/UTs. States/UTs recording increased incidence of road accidents and fatalities in 2017 are in minority. The absolute number of road accidents and fatalities across States and Union Territories (UTs) varies widely and the variations are roughly in line with the size of States/UTs in terms of population and economy relative to the national economy (see **Chart 7.5**). In 2017, top 15 States accounted for 90.4 per cent of total road accidents and 88.9 per cent of road accident fatalities.

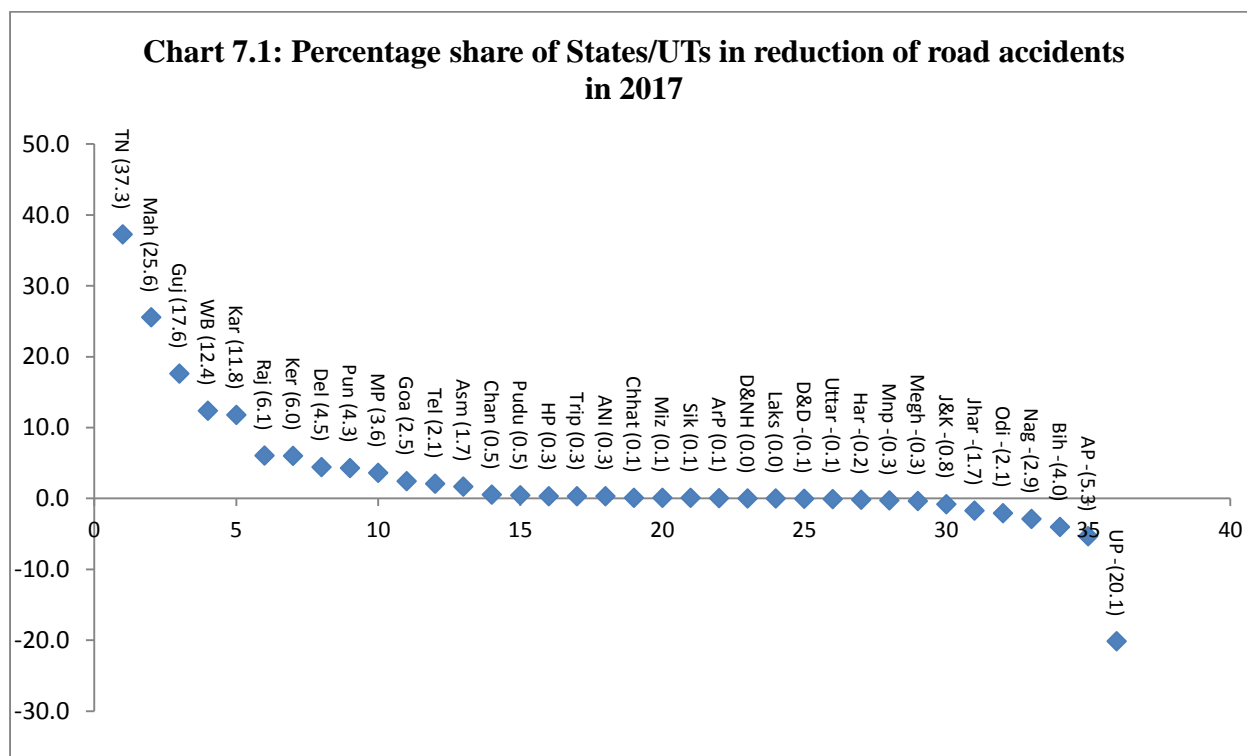
### Performance of States/UTs in 2017 vis-à-vis 2016

#### Number of accidents

There were 15,742 less road accidents in 2017 than in 2016. The distribution of this reduction among States/UTs reveals that 23 States have together managed to reduce road accidents by 21,692 while 13 States together have recorded 5,950 more accidents in 2017 over 2016. The top 5 among the States which

achieved reduction in number of accident are Tamil Nadu, Maharashtra, Gujarat, West Bengal and Karnataka. Among the States which recorded higher number of accidents in 2017 are Uttar Pradesh, Andhra Pradesh, Bihar, Nagaland and Odisha.

**Chart 7.1** below depicts the percentage of each of the 36 States & UTs in the total reduction of road accidents in 2017 over 2016. Details are given at **Annexure 33**.

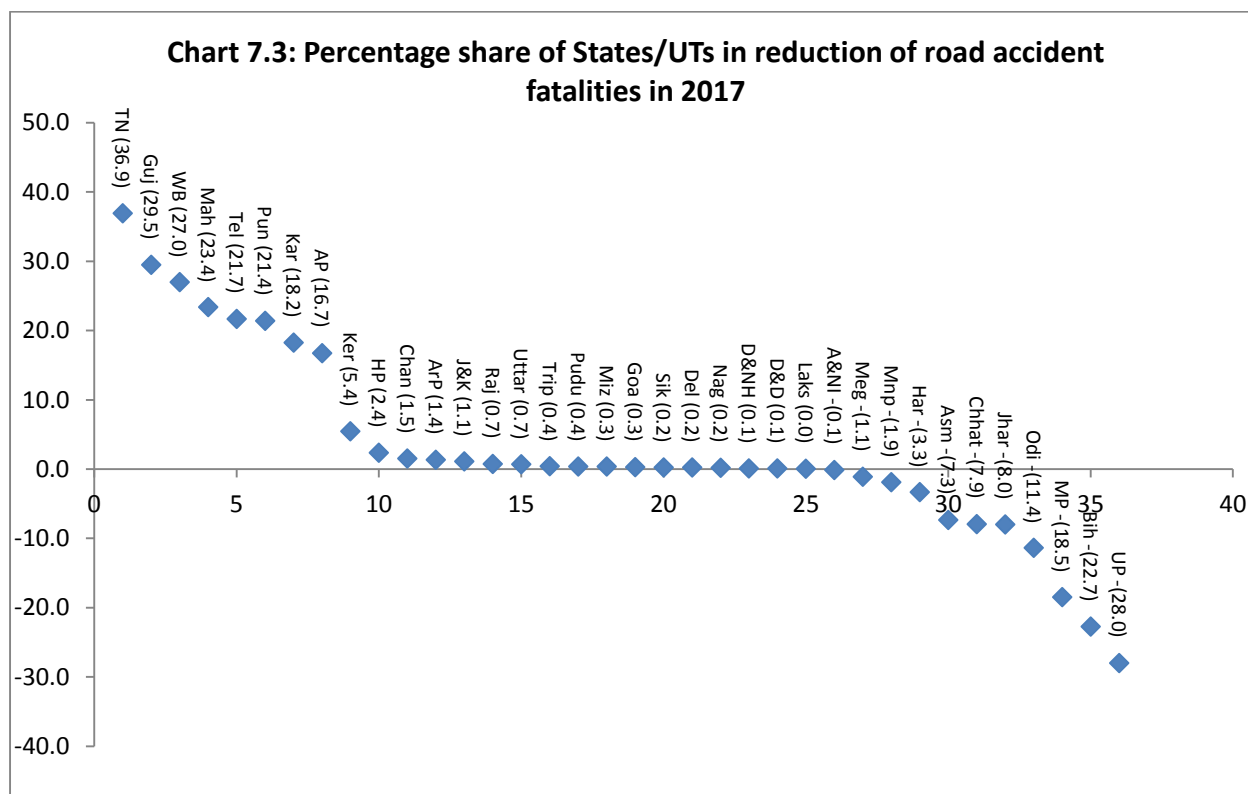


### Number of persons killed

The number of road accident fatalities has come down by 2,872 in 2017 as compared to 2016. A total of 25 States/UTs have, together managed to bring down road accident fatalities by 6,042 in 2017. But 11 States/UTs recorded higher accident fatalities in 2017 which, together comes to 3170. The top 5 among the States which achieved reduction in number of accident fatalities are Tamil

Nadu, Gujarat, West Bengal, Maharashtra and Telangana. The top 5 among the States which recorded higher number of accident fatalities are Uttar Pradesh, Bihar, Madhya Pradesh, Odisha and Jharkhand.

**Chart 7.2** below depicts the percentage share of each of the 36 States & UTs in the total reduction of road accident fatalities in 2017 over 2016. Details are given at **Annexure 34**.



### Road accidents and fatalities in top 15 States – comparison with 2016

#### Number of accidents in top 15 States

The number of road accidents in top 15 States along with the percentage share of each States in the total accidents for 2016 and 2017 are given at **Table 7.1** below.

The same set of States which constituted top 15 in 2016 also constitutes the top 15 States in 2017. Tamil Nadu maintains its top position in 2017 contributing 14.1 per cent of

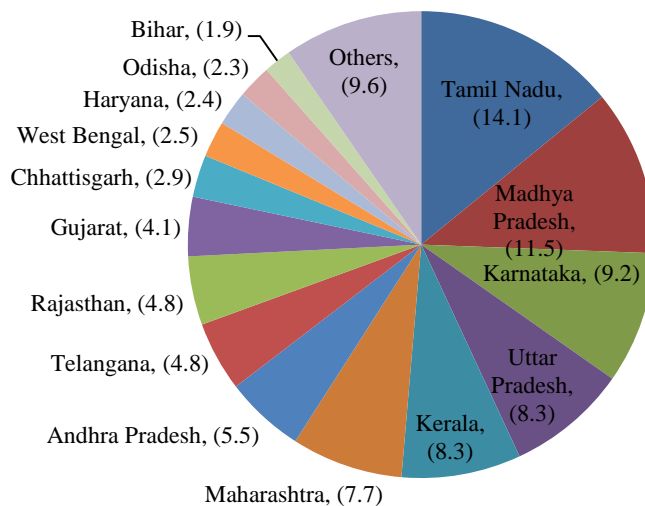
total road accident in the country in 2017 and Bihar its bottom position with a share of 1.9 per cent. Within the group, Maharashtra and Rajasthan improved their positions in 2017 relative to their 2016 positions whereas the positions of Uttar Pradesh and Telangana became worse in 2017 as compared to 2016.

A comparative view of top 15 States for the calendar year 2017 and 2016 are presented in **Table 7.1** and percentage share of these States are depicted in **Chart 7.3**.

**Table 7.1: Number of road accidents in top 15 States and respective percentage shares in total accidents during 2016 and 2017**

Sl. No.	State	2017		2016	
		No. of accidents	% share	No. of accidents	% share
1	Tamil Nadu	65,562	14.1	71,431	14.9
2	Madhya Pradesh	53,399	11.5	53,972	11.2
3	Karnataka	42,542	9.2	44,403	9.2
4	Uttar Pradesh	38,783	8.3	35,612	7.4
5	Kerala	38,470	8.3	39,420	8.2
6	Maharashtra	35,853	7.7	39,878	8.3
7	Andhra Pradesh	25,727	5.5	24,888	5.2
8	Telangana	22,484	4.8	22,811	4.7
9	Rajasthan	22,112	4.8	23,066	4.8
10	Gujarat	19,081	4.1	21,859	4.5
11	Chhattisgarh	13,563	2.9	13,580	2.8
12	West Bengal	11,631	2.5	13,580	2.8
13	Haryana	11,258	2.4	11,234	2.3
14	Odisha	10,855	2.3	10,532	2.2
15	Bihar	8,855	1.9	8,222	1.7
	<b>Total 15 States</b>	<b>4,20,175</b>	<b>90.3</b>	<b>4,34,488</b>	<b>90.2</b>

**Chart 7.2: Percentage share of top 15 States in total road accidents - 2017**



*Number of accident fatalities in top 15 States*

The top 15 States accounted for 89 per cent of total road accident fatalities in 2017. The composition of 15 States is largely same with that of 2016 except for two States of Kerala

and Chhattisgarh. Kerala figures among top 15 State in 2016, but shifts out of the group in 2017 for Chhattisgarh. Within the group Bihar has seen drastic slippage in its position because of significant increase in the number of road accident fatalities in 2017. Punjab has

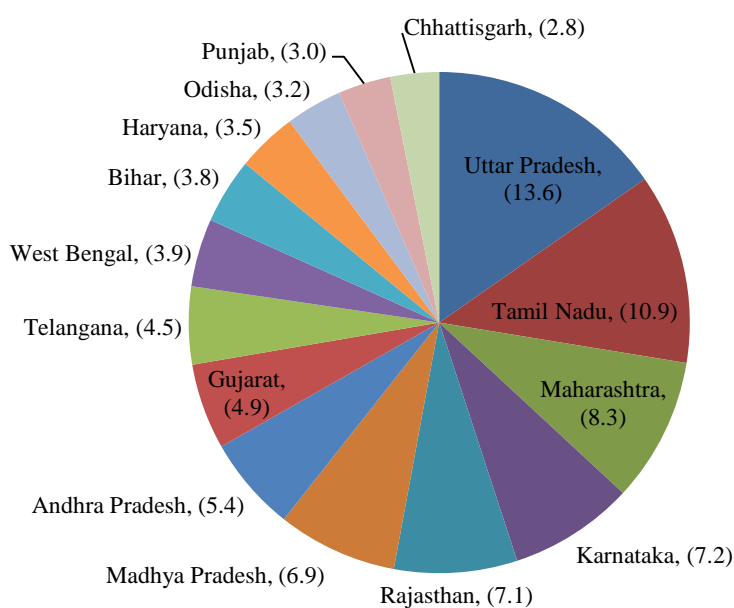
made substantial improvement in its position within the group.

A comparative view of top 15 States for the calendar year 2017 and 2016 are presented in **Table 7.2** and percentage share of these States are depicted in **Chart 7.4**.

**Table 7.2: Number of road accident fatalities in top 15 States and respective percentage shares in total fatalities during 2016 and 2017**

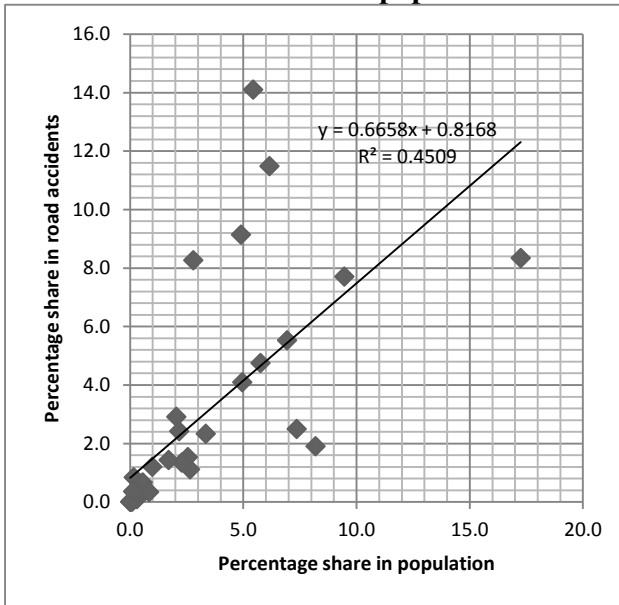
Sl. No.	State	2017		2016	
		Persons killed	% share	Persons killed	% share
1	Uttar Pradesh	20,124	13.6	19,320	12.8
2	Tamil Nadu	16,157	10.9	17,218	11.4
3	Maharashtra	12,264	8.3	12,935	8.6
4	Karnataka	10,609	7.2	11,133	7.4
5	Rajasthan	10,444	7.1	10,465	6.9
6	Madhya Pradesh	10,177	6.9	9,646	6.4
7	Andhra Pradesh	8,060	5.4	8,541	5.7
8	Gujarat	7,289	4.9	8,136	5.4
9	Telangana	6,596	4.5	7,219	4.8
10	West Bengal	5,769	3.9	6,544	4.3
11	Bihar	5,554	3.8	4,901	3.3
12	Haryana	5,120	3.5	5,024	3.3
13	Odisha	4,790	3.2	4,463	3.0
14	Punjab	4,463	3.0	5,077	3.4
15	Chhattisgarh	4,136	2.8	3,908	2.6
	<b>Total 15 States</b>	<b>1,31,552</b>	<b>89.0</b>	<b>1,34,530</b>	<b>89.3</b>

**Chart 7.4: Percentage share of top 15 States in total road accident fatalities - 2017**

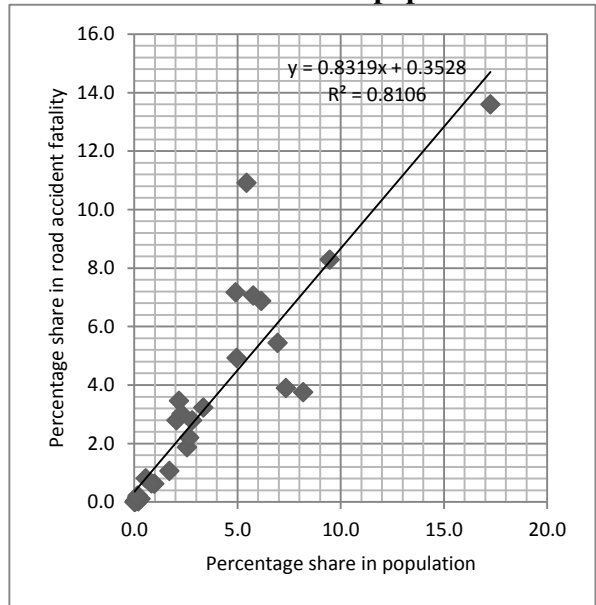


**Chart 7.5: Relationship between share of States/UTs in total road accidents and fatalities to share in population and net domestic product of the country - 2017**

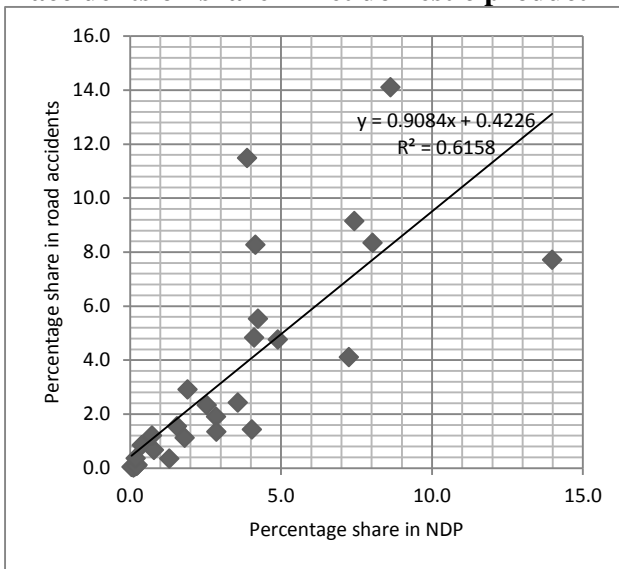
**Scatter plot of States/UTs share in road accidents on share in population**



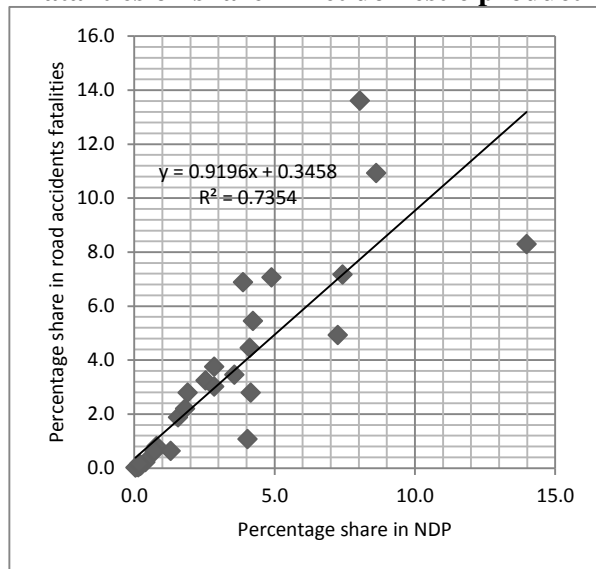
**Scatter plot of States/UTs share in accident fatalities on share in population**



**Scatter plot of States/UTs share in road accidents on share in net domestic product**



**Scatter plot of States/UTs share in accident fatalities on share in net domestic product**



Note: Figures for Net Domestic Product (NDP) and Net State Domestic Products pertain to 2015-16 published in Economic Survey, 2017-18

## SECTION 8: ROAD ACCIDENTS IN ONE MILLION-PLUS CITIES

Road accidents tend to be concentrated in urban areas because of dense population and road traffic congestion. In this Section an abstract of road accident statistics for 50 Indian cities with population of one million and above persons (one million-plus) are briefly presented. These cities spread across 17 States and 2 UTs. In 2017, these 50 cities accounted for 17.7 per cent of the total number of accidents and 11.5 per cent of deaths in the country.

### Road accidents in 2017 and 2016 - Comparison

16,971 lives and caused injuries to 73,945 persons (see **Table 8.1 below**).

In 2017, a total of 82,286 road accidents were recorded in the 50 one million-plus cities out of which 15,996 were fatal accidents, i.e., caused death of one person or more. These accidents resulted in loss of

As compared to 2016, the number of road accidents, persons killed and injured has come down quite significantly in 2017 in these cities. But accident severity, i.e., accident deaths per 100 road accidents, has gone up by 0.8 percentage point.

**Table 8.1: Percentage share of 50 one million-plus cities in road accidents**

S. No		2016	2017	% change
1.	No. of accidents	89,835	82,286	-8.4
2.	No. of fatal accidents	16,960	15,996	-5.7
3.	No. of persons killed	17,797	16,971	-4.6
4.	No. of persons injured	82,608	73,945	-10.5
5.	Accident severity	19.8	20.6	0.8*

\* In percentage point.

Among the cities, Chennai has recorded the highest number of accidents in 2017, followed by Delhi, Indore being at the third place (details at **Table 8.2**). The top 11 cities of Chennai, Delhi, Indore, Bhopal, Jabalpur, Mumbai, Kolkata, Jaipur, Hyderabad, Kochi and Mallapuram accounted for 51.1 per cent of the total road accidents in these 50 cities. At the bottom are Amritsar, Jodhpur and Jamshedpur.

In respect of number of fatalities, Delhi recorded the highest number of deaths in 2017, followed by Chennai and then Jaipur. The top 12 cities, viz., Delhi Chennai, Jaipur, Kanpur, Lucknow, Bengaluru, Agra, Mumbai, Allahabad, Raipur, Meerut and

Jabalpur accounted for 49.7 per cent of road accident deaths in the 50 one million-plus cities in 2017. Srinagar, Amritsar and Kannur are the bottom three cities contributing less than 0.1 per cent of the total road accident deaths in the 50 one million-plus cities.

The number of road accidents and fatalities has been drastically reduced in Nashik, Kolkata, Amritsar, Chandigarh, Ahmedabad, Vadodara and Ludhiana as compared to 2016. However, cities like Dhanbad, Jamshedpur, Varanasi, Faridabad, Kannur and Srinagar have recorded significantly higher number of accidents and fatalities in 2017 over 2016.



**Table 8. 2: Number of Road Accidents, persons killed & injured in one Million-Plus Cities in 2017**

S. No	Cities	Fatal Accidents	Injury Accidents	Total Accidents	No. of Persons Killed	No. of Persons Injured	Severity of Accidents*
1	Agra	379	653	1032	555	896	53.8
2	Ahmedabad	328	1235	1563	336	1443	21.5
3	Allahabad	452	669	1163	472	734	40.6
4	Amritsar	66	49	119	67	100	56.3
5	Asansol Durgapur	248	149	425	271	406	63.8
6	Aurangabad	149	335	592	157	486	26.5
7	Bengaluru	616	1301	2297	653	2083	28.4
8	Bhopal	242	2465	3393	252	2720	7.4
9	Chandigarh	103	205	342	107	302	31.3
10	Chennai	1264	5670	7257	1299	6975	17.9
11	Coimbatore	269	969	1299	277	1191	21.3
12	Delhi	1565	5017	6673	1584	6604	23.7
13	Dhanbad	194	172	366	196	199	53.6
14	Faridabad	271	441	712	276	610	38.8
15	Ghaziabad	373	544	930	402	709	43.2
16	Gwalior	273	1572	2156	317	1800	14.7
17	Hyderabad	302	2066	2834	310	2370	10.9
18	Indore	368	3341	4513	391	3676	8.7
19	Jabalpur	372	2611	3303	409	3113	12.4
20	Jaipur	753	1835	2983	813	2550	27.3
21	Jamshedpur	190	104	304	223	205	73.4
22	Jodhpur	101	167	282	104	262	36.9
23	Kannur	67	477	578	68	700	11.8
24	Kanpur	608	960	1568	682	1199	43.5
25	Khozikode	168	1150	1467	184	1544	12.5
26	Kochi	132	2149	2503	137	2600	5.5
27	Kolkata	318	2215	3131	329	2559	10.5
28	Kollam	202	1515	1780	213	1763	12.0
29	Kota	87	358	481	93	471	19.3
30	Lucknow	581	824	1515	655	917	43.2
31	Ludhiana	278	214	493	281	316	57.0
32	Madurai	187	696	920	189	891	20.5
33	Mallapuram	362	1797	2339	385	2683	16.5
34	Meerut	388	652	1040	411	794	39.5
35	Mumbai	467	2603	3160	490	3287	15.5
36	Nagpur	222	976	1242	231	1256	18.6
37	Nashik	158	345	631	171	510	27.1
38	Patna #	136	164	422	147	218	34.8
39	Pune	360	966	1508	373	1154	24.7
40	Raipur	410	975	2159	420	1288	19.5
41	Rajkot	160	428	617	161	494	26.1
42	Srinagar	59	259	363	60	345	16.5
43	Surat	243	590	902	251	819	27.8
44	Thiruvanthapuram	169	1880	2113	172	2497	8.1
45	Thrissur	103	1184	1384	106	1548	7.7
46	Tiruchirapalli	129	489	638	134	768	21.0
47	Vadodra	171	543	867	186	755	21.5
48	Varanasi	279	316	612	279	316	45.6
49	Vijaywada city	345	1146	1648	349	1525	21.2
50	Vishakhapatnam	329	1068	1667	343	1294	20.6
	<b>Total</b>	<b>15996</b>	<b>58509</b>	<b>82286</b>	<b>16971</b>	<b>73945</b>	<b>20.6</b>

\* Number of persons killed per 100 accidents.

# Pertain to urban area only.

## SECTION 9: SPATIAL AND INTER-TEMPORAL DISTRIBUTION OF ROAD ACCIDENTS

This Section examines the distribution of road accidents statistics of 2017 between rural areas and urban areas, and also across the months in a year and time during a day. As per 2011 census, 67.8 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 therefore more incidences of road accidents as compared to rural areas. Social and economic activities and travel during a year and in a day have some seasonality and pattern which affects road traffic volume and, perhaps, incidences of accidents as well. This section presents a summary of the related data for 2017 furnished by the States and UTs.

### Road accidents in urban and rural areas

In 2017, 42.1 per cent of road accidents were recorded in urban areas and 57.9 per cent were in rural areas. In case of fatalities, 34.7 per cent of the total persons killed in road accidents were in urban areas and 65.3 per cent were in rural areas. As compared to 2016, the share of urban areas in both accidents and fatalities has come down in 2017 and that of rural areas increased.

The share of rural areas in total fatalities is 7.4 percentage points higher than the share in total accidents suggesting that comparatively inadequate trauma care facilities in rural areas being reflected in the higher fatality rate.

**Table 9.1** below compares the number of road accidents, fatalities and injuries between urban and rural areas and also between 2016 and 2017. State-wise details are at **Annexure 35 & 36**.

**Table 9.1: Number of road accidents, fatalities and injuries in Rural and Urban areas during 2016 and 2017**

	2016			2017		
	Total Accidents	Persons Killed	Person Injured	Total Accidents	Persons Killed	Persons Injured
Urban Area	2,16,813 (45.1)	57,840 (38.4)	2,12,346 (42.9)	1,95,723 (42.1)	51,334 (34.7)	1,83,703 (39.0)
Rural Area	2,63,839 (54.9)	92,945 (61.6)	2,82,278 (57.1)	2,69,187 (57.9)	96,579 (65.3)	2,87,272 (61.0)
<b>Total</b>	<b>4,80,652</b>	<b>1,50,785</b>	<b>4,94,624</b>	<b>4,64,910</b>	<b>1,47,913</b>	<b>4,70,975</b>

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

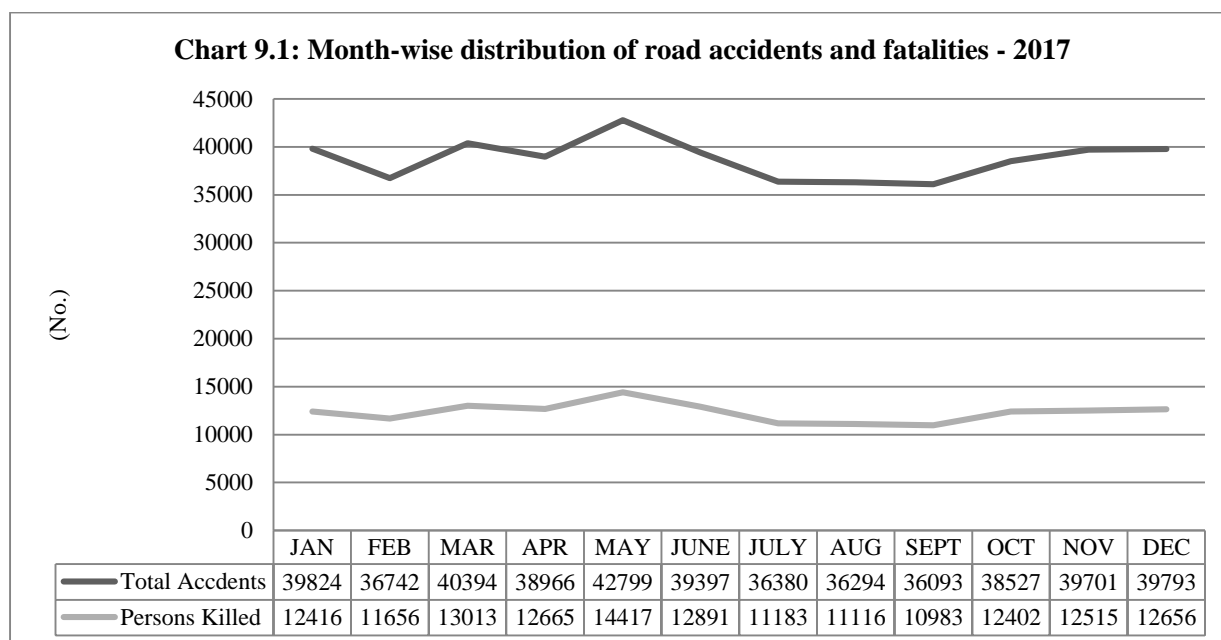
### Month-wise distribution of road accidents

The aggregate data on month-wise distribution of road accidents for 2017 shows that the number of accidents and fatalities peaked in May and troughed September (see **Chart 9.1** below). A look at individual States reveals that major States such as UP, Maharashtra, Kerala, Karnataka and Maharashtra recorded maximum number of road accidents in the month of May which

determines the aggregate data for the country (see **Annexure 37** for state-wise details).

The month-wise distribution shows that both road accidents and fatalities are low during July to September and rises again in October and November. The pattern is similar with that of 2016. It is for further detailed study if the pattern has relationship with the pre-monsoon heat of May and the peak monsoon rains during July to September.

**Chart 9.1: Month-wise distribution of road accidents and fatalities - 2017**



### Time interval-wise distribution of road accidents

In 2017, the time interval between 6:00 PM and 9:00 PM recorded maximum number of road accidents, accounting for 18.4 per cent of the total accidents in the country (see **Table 9.2** below). The second highest time interval of a day was between 3:00 PM and 6:00 PM constitute 17.7 per cent. As per the data,

afternoon and evening times are the most dangerous times to be on the road.

The pattern in 2017 is largely same with that of 2016. The peak accident time interval however, shifted from 3:00 PM – 6:00 PM in 2016 to 6:00 PM – 9:00 PM in 2017. State-wise details of time interval-wise road accidents are given at **Annexure 38**.

**Table 9.2: Number of road accidents by time interval of day - 2017**

Time	2016		2017	
	Number of Accidents	% share in total accidents	Number of Accidents	% share in total accidents
06:00 - 09:00 hrs (Day)	54,522	11.3	51,551	11.1
09:00 - 12:00 hrs (Day)	75,771	15.7	71,426	15.4
12:00 - 15:00 hrs (Day)	73,380	15.3	71,594	15.4
15:00 - 18:00 hrs (Day)	85,834	17.9	82,456	17.7
18:00 - 21:00 hrs (Night)	84,555	17.6	85,686	18.4
21:00 - 24:00 hrs (Night)	50,970	10.6	49,567	10.7
00:00 - 03:00 hrs (Night )	25,976	5.4	25,050	5.4
03:00 - 06:00 hrs (Night)	29,644	6.2	27,580	5.9
<b>Total 24 hrs</b>	<b>4,80,652</b>	<b>100.0</b>	<b>4,64,910</b>	<b>100.0</b>

## SECTION 10: INTERNATIONAL COMPARISON

This Section presents a comparison of road accident fatality risk, i.e., fatality per 1,00,000 population and injury risk, i.e., road accident injury per 1,00,000 population as per World Road Statistics 2017 published by International Road Federation, Geneva.

Among the 22 countries presented below, only the Russian Federation has higher incidence of road accident deaths per 1,00,000 than India. Incidence of road accident related deaths is at 16 in Russian Federation substantially higher than the figure of 11 for India. **Table 10.1** presents a comparison of incidence of road accident deaths and injury accidents relative to population in select 22 countries.

Injury accident is any accident involving at least one road vehicle in motion on a road resulting in at least one injured or killed person. In case of injury accidents per lakh population, the number in India (38) is substantially lower than that of several developed countries. Among the 22 countries, the figure is highest for Republic of Korea (2238) followed by the USA (545). Country-wise road accident deaths per 1,00,000 population is at **Chart 10.1**.

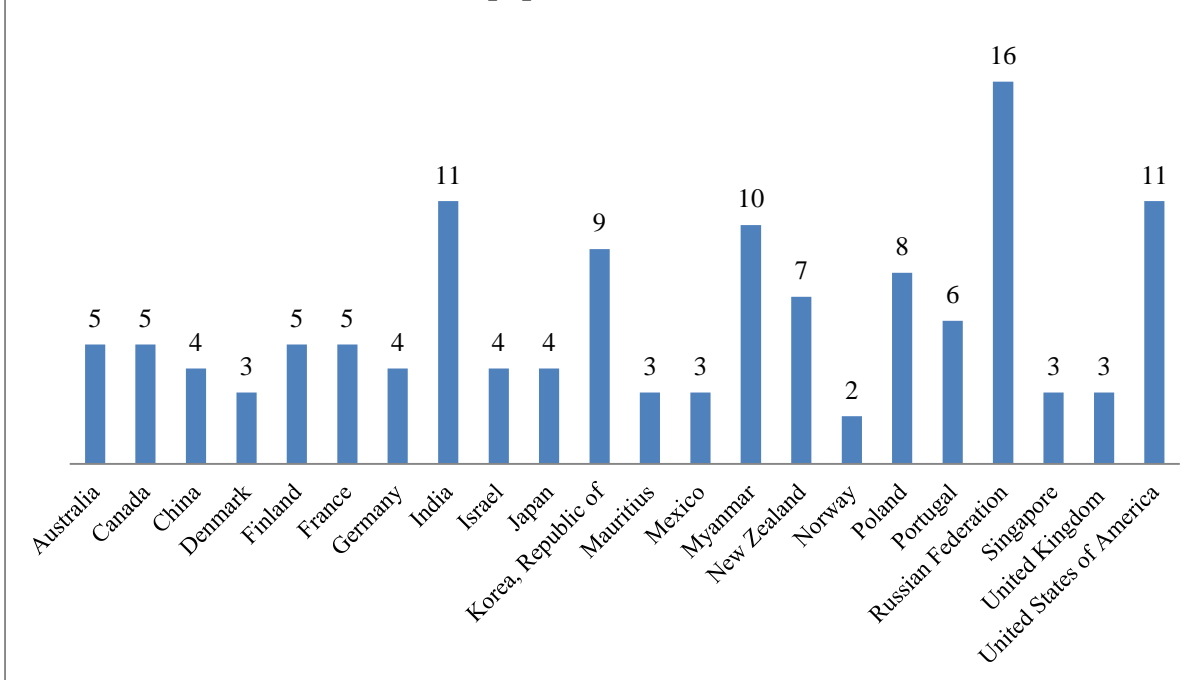
**Table 10.1: Cross Country Comparison of Incidence of Road related Deaths and Injury Accidents in 2015**

Sl. No.	Country	Killed per 100,000 Population	Injury Accidents per 100,000 Population
1	Australia	5	286 *
2	Canada	5	330
3	China	4	14
4	Denmark	3	50
5	Finland	5	94
6	France	5	85
7	Germany	4	374
8	India	11	38
9	Israel	4	145
10	Japan	4	422
11	Korea, Republic of	9	2,238
12	Mauritius	3 #	217
13	Mexico	3	8
14	Myanmar	10	30
15	New Zealand	7	213
16	Norway	2	88
17	Poland	8	87
18	Portugal	6	344
19	Russian Federation	16	128
20	Singapore	3	143 \$
21	United Kingdom	3	215
22	United States of America	11	545

\* pertain to 2011; # pertain to 2013; \$ pertain to 2014

Source: World Road Statistics, 2017, International Road Federation, Geneva.

**Chart 10.1 Country-wise number of persons killed per 1,00,000 population - 2015**



## SECTION 11: ROAD SAFETY INITIATIVES BY THE GOVERNMENT OF INDIA

### 1. Initiatives for Road Safety

- The Government has approved Road Safety Policy. The Policy outlines various measures such as promoting awareness, establishing road safety information data base, encouraging safer road infrastructure including application of intelligent transport, enforcement of safety laws etc.
- The Government has constituted the National Road Safety Council as the apex body to take policy decisions in matters of road safety in pursuance of Section 215 of Motor Vehicle Act 1988.
- The Ministry has requested all States/UTs for setting up of State Road Safety Council and District Road Safety Committees, and to hold their meetings, regularly.
- The Ministry has formulated a multi-pronged strategy to address the issue of road safety based on 4 'E's viz. Education, Engineering (both of roads and vehicles), Enforcement and Emergency Care.
- Road safety has been made an integral part of road design at planning stage.
- Road Safety Audit of selected stretches of National Highways has been taken up.
- High priority has been accorded to identification and rectification of black spots (accident prone spots) on national highways.
- Setting up of model Institute of Driving Training and Research (IDTR) in States / UTs. Till date 28 IDTR has been sanctioned out of which 16 are functional. Remaining is under construction.
- The Ministry has launched a scheme for setting up of Driving Training Centre (DTC) 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.
- Advocacy/Publicity campaign on road safety through the electronic and print media.
- Tightening of safety standards for vehicles like seat belts, anti-lock braking system, child restraint, Bus Body Code, Ambulance Code, etc.
- To check the fitness of in use vehicle, the Ministry is implementing a scheme for setting up of Inspection and Certification (I & C) Centre.
- So far, the Ministry has sanctioned 29 I & C Centre out of which 6 are functional. 2 Centres are likely to be functional in another three months. Civil construction is in progress in respect of remaining I & C Centres.
- 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 dated 21.01.2016. Both the guidelines have been mandated by Hon'ble Supreme Court of India with slight modifications. Now people need not hesitate to help the road accident victims to reach the nearest hospital, in case they come across one.

- Road safety activities have also been included in Schedule (vii) of the Companies Act, 2013. The Companies will now be able to undertake road safety related activities under CSR.

- Ministry of Road Transport & Highways has introduced Motor Vehicle (Amendment) Bill in the Lok Sabha in August 2016 containing the different provisions of road safety. The House referred the Bill to Standing Committee. Based on the recommendation of the Standing Committee, the Bill was revised and introduced in Lok Sabha in April 2017. Lok Sabha has passed the Bill. The Bill is pending in the Rajya Sabha.
- Motor Vehicle (Amendment) Bill, 2016 also envisages the creation of National Road Safety and Traffic Management Board (NRSTMB).

## 2. National Road Safety Policy

Based on the globally accepted multi-pronged strategy and the safe-system approach for improving road safety, the National Road Safety Policy outlines the initiatives to be taken by the Government at all levels. The policy is outlined as under: -

### I. Preamble

The Government of India is deeply concerned about the growth in the number of road accidents, injuries and fatalities in recent years. It recognizes that road accidents have now become a major public health issue, and the victims are mainly the poor and vulnerable road users.

The Government of India further recognizes that as road accidents involve roads, motor vehicles as also the human beings, road safety needs to be addressed on a holistic basis. It also recognizes that regardless of jurisdictions, the Central and State Governments have a joint responsibility in reducing the incidence of road accidents, injuries and fatalities.

In the light of this, the Government of India, through this National Road Safety Policy, states its commitment to bring about a significant reduction in mortality

and morbidity resulting from road accidents.

### II. Policy Statements

In order to achieve a significant improvement in road safety, the Government of India is committed to:

#### (i) Raise Awareness about Road Safety Issues

The Government would increase its efforts to promote awareness about the various aspects of road safety, the social and economic implications of road accidents and what needs to be done to curb the rising menace of road accidents. This would enable and empower the different stakeholders to play a meaningful role in promoting road safety.

#### (ii) Establish a Road Safety Information Database

The Government will provide assistance to local bodies, Union Territories and States to improve the quality of crash investigation and of data collection, transmission and analysis. A National Road Safety Information System will be established for providing continuity and policy guidelines to this activity.

### **(iii) Ensure Safer Road Infrastructure**

The Government will take measures to review standards pertaining to safety in the design of rural and urban roads and bring them in consonance with international best practices keeping in view Indian traffic conditions. Continuing application of Intelligent Transport Systems (ITS) under a national framework to establish a safe and efficient transport system will be encouraged.

### **(iv) Safer Vehicles**

The Government will take 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.

### **(v) Safer Drivers**

The Government will strengthen the system of driver licensing and training to improve the competence and capability of drivers.

### **(vi) Safety of Vulnerable Road Users**

The design and construction of all road facilities (rural and urban) will take into account the needs of non-motorized transport and the vulnerable and physically challenged in an appropriate manner. The Government will seek to disseminate 'best

practices' in this regard to town planners, architects, and highway and traffic engineers.

### **(vii) Road Traffic Safety Education and Training**

Road safety knowledge and awareness will be created amongst the population through education, training and publicity campaigns. Road safety education will also focus on school children and college going students, while road safety publicity campaigns will be used to propagate good road safety practices among the community. The Government will encourage all professionals associated with road design, road construction, road network management, traffic management and law enforcement to attain adequate knowledge of road safety issues.

### **(viii) Enforcement of Safety Laws**

The Government will take appropriate measures to assist various state and other governments to strengthen and improve the quality of enforcement in order to ensure effective and uniform implementation of safety laws. The Government will actively encourage the establishment and strengthening of highway Patrolling on National and State Highways in cooperation with State Governments and Union Territories as appropriate.

### **(ix) 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.

**(x) HRD & Research for Road Safety**

The Government will encourage increased activity in programmes of road safety research by identifying priority areas, funding research in those areas adequately and establishing centers of excellence in research and academic institutions. The Government will facilitate dissemination of the result of research and identified examples of good practices through publication, training, conferences, workshops and websites.

**(xi) Strengthening Enabling Legal, Institutional and Financial Environment for Road Safety**

The Government will take appropriate measures to ensure that the required legal, institutional and financial environment for road safety is further strengthened and a mechanism for effective coordination of various stakeholders is put in place. The reforms in these areas would provide for the active and extensive participation of the community at large, of the private sector, academia and NGOs.

**III. Implementation Strategy**

The Government has decided to establish a dedicated agency viz. a National Road Safety and Traffic Management Board (NRSTMB) to oversee the issues related to road safety and evolve effective strategies

for implementation of the Road Safety Policy.

**3. Constitution of National Road Safety Council (NRSC)/ State Road Safety Councils and District Committees**

NRSC is the apex body for road safety established under Section 215 of Motor Vehicles Act 1988. It is chaired by Hon'ble Minister for Road Transport and Highways and Ministers-in-charge of Road Transport of States / UTs, DG Police of all States and representatives from the Ministries/Departments such as Home Affairs, Human Resource Development, Railways, Industry, Petroleum & Natural Gas, Environment & Forests, Health & Family Welfare etc. are official members.

Under section 215 of Motor Vehicle Act 1988, a State Govt. by notification in official gazette can constitute a State Road Safety Council comprising a Chairman and such other members as the government considers necessary and on such terms and conditions that govt. determine. Similarly, there is also a provision for District Road Safety Committee for each district.

The Ministry has requested all States/UTs for setting up of State Road Safety Council and District Road Safety Committees.

Nearly all the States have constituted the State Road Safety Councils.

#### **4. Ongoing Schemes of Ministry of Road Transport & Highways to Improve Road Safety**

##### **(i) Setting up of Inspection & Certification (I&C) Centres:**

An increasing number of vehicles in developing countries like India are not in a roadworthy state. Poor maintenance and servicing of old in use vehicles not only damages the environment but also poses great safety hazard on road. The compliance with limits or standards of vehicles exhaust emissions for air quality improvement purpose is directly dependent on the implementation and/ or enforcement of effective vehicle inspection system. Due to the rapid increase in public means of transportation, the improvement of vehicle performance capability and servicing becomes an ever increasing urgency. An effective air pollution control and thus, a decrease of vehicles emissions, improvement of roadworthiness can be achieved by the implementations of an effective vehicle inspection system.

The Ministry of Road Transport & Highways therefore implementing a scheme for setting up of at least one model Inspection & Certification Centre in each State/UT with Central assistance to check the fitness of in-use vehicle. The State may further replicate the scheme. During 11th Plan, MoRTH sanctioned 9 Centre for setting up one each in the State of Andhra Pradesh, Karnataka, Gujarat, Maharashtra, Rajasthan, Haryana, Madhya Pradesh, U.P and Delhi. The I&C Centre of Maharashtra, Haryana, Delhi, Madhya Pradesh, Karnataka and Gujarat are operational. The remaining centres are to be operational shortly.

During 12<sup>th</sup> Plan, the Ministry has sanctioned 10 I & C Centres to be set up one each in the States of West Bengal, Odisha, Chhattisgarh, Kerala, Punjab, Jammu & Kashmir, Nagaland, Puducherry,

Mizoram and Sikkim. The civil construction of these Centres are in progress.

##### **(ii) Institutes of Driving & Research (IDTR)**

Large numbers of road accidents are taking place on Indian roads every year resulting in the death of around one lakh fifty thousand persons. The causative analysis of various road accidents studies carried out in the past infers that majority of road accidents occur due to drivers' fault. The report of year 2016 indicates that 84% of road accidents are due to the fault of the driver. Despite having adequate provisions in Central Motor Vehicle Rules (CMVR) which directly as well as indirectly helps in ensuring good driving skills and knowledge of rules of road regulation among drivers, it was felt that there is an urgent need to impart driving training, both theoretical and practical to the existing and aspiring drivers. Need has also been felt for setting standards and monitoring driving training and issue of Driving Licence based on an objective scientific process of testing skills. For this purpose, the Ministry formulated a scheme to set up model Institutes of Driving Training and Research (IDTR) in States/UTs.

So far, Ministry of Road Transport & Highways has sanctioned 28 IDTR out of which 16 IDTRs are functional. The civil construction of rest of the IDTR is in progress and likely to be completed shortly.

During 12<sup>th</sup> Five Year Plan, the Ministry has also sanctioned two Regional Driving Training Centres (RDTC).

Ministry of Road Transport & Highways has launched a scheme for setting up of Driving Training Centre (DTC) to provide

quality training to commercial vehicle drivers to improve road and environment safety and strengthen overall mobility on roads. Any legal entity such as a State Government Undertaking / NGO/ Trust/ Cooperative Society/ Vehicle Manufacturer/ Firm etc. registered under a State or Central Government Law is eligible to apply under the scheme. The requirement of land to set up the DTC is about 2 acres which have to be made available by the applicant.

Priority shall be accorded in the first instance for sanctioning of one project per district. However, more than one projects can be considered for approval for a district with population exceeding 20 lakhs if proposals from other districts are not forthcoming.

The Ministry of Road Transport & Highways 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.

**(iii) Measures and Awareness Campaign on Road Safety:**

With a view to spread road safety awareness among the general public, the Government has been undertaking various publicity measures in the form of telecasting/broadcasting of T.V. spots/Radio jingles, display of cinema slides, hoardings, organizing Road Safety Week, seminars, exhibitions, all India essay competition on road safety, printing of handbills/stickers, posters, etc., containing road safety messages for various segments of road users viz.

Pedestrians, cyclists, school children, heavy vehicle drivers, etc. , painting on road railings on themes of road safety, road safety games, calendars depicting road safety messages, etc. The Publicity campaign is carried out through DAVP, Doordarshan, All India Radio and newspapers. It is the ministry's effort to make road safety a social movement.

**(iv) Grant of Financial Assistance for Administering Road Safety Advocacy and Awards for Outstanding work:**

The Ministry has decided to associate Non-Governmental Organizations (NGOs) / Trusts / Cooperative Societies and other agencies for administering road safety programmes to create awareness about road safety. Guidelines have been issued. The total amount of financial assistance for administering a road safety programme shall not exceed Rs. 5.00 lakh (Rs. five lakhs only). An agency can apply for multiple programmes, subject to a maximum of 12, to be conducted in a year. Ministry of Road Transport & Highways shall give three awards (first, second and third) in each State/ UTs to the individuals or agencies engaged in road safety advocacy and allied activities to recognise the outstanding work carried out by them. The details of awards are as follows:

Sr. No.	Category	Amount
1	1st prize	Rs. 5 lakh + Certificate
2	2nd prize	Rs. 2 lakh + Certificate
3	3rd prize	Rs. 1 lakh + Certificate

## 5. Recent Notifications Issued to Improve Road Safety

Ministry of Road Transport & Highways has also issued following notifications to improve the road safety during last year:-

Sr. No.	G.S.R Number and date of Publication	Subject
1.	GSR 120(E) dated 10.02.2017	Antilock Braking System for M1 and M2 category
2.	G.S.R 424 E dated 01.05.2017	Fitment of Speed Governor on M1 category
3.	G.S.R 1433E dated 27.06.2017	Ventilation system in truck cabin
4.	G.S.R 1463(E) dated 27.11.2017	Turning circle and requirements and Steering effort
5.	G.S.R 1461(E) dated 27.11.2017	Change in IS Standards for Agricultural Tractor, brakes, Turning Circle diameter and location of exhaust pipe
6.	G.S.R 1483E dated 07.12.2017	Additional Safety provision for M1 category – Seat belt reminder, air bag, manual over-ride, speed alert system
7.	G.S.R 634 E dated 23.06.2017	Rules of Road Regulation
8.	G.S.R 367 (E) dated 13.04.2018	Standardisation of fully built bus as per AIS:153
9.	G.S.R 368 (E) dated 13.04.2018	Self-certification of Bus body code

## 6. Improving the Road Accident Data Base

The Expert Committee set up by the Ministry of Road Transport & Highways in November, 2016 had recommended a uniform road accident Recording format to be adopted by the Police in all the States and UTs and a set of corresponding annual road accident data Reporting format (18 Forms) in which States/UTs would furnish data to the Ministry. The Ministry has accepted the recommendations of the Committee and all the States and UTs have adopted the revised Road Accident Recording Format and furnished the annual road accident data in the new Recording formats w.e.f. calendar year 2017.

The initiatives taken by the MoRTH, to integrate the road accident Recording format with that of Inter Operable Criminal Justice System (ICJS) of Ministry of Home Affairs, have moved forward. All the 55 fields of road accident Recording format prescribed by MoRTH have been incorporated in ICJS of MHA. The MHA has developed software which would be accessible to all police stations. This system is being put into operation in a phased manner starting from April, 2018.

## SECTION 12: ROAD ACCIDENTS MITIGATION MEASURES TAKEN BY MoRTH IN RECENT PAST

India is committed to bring down fatalities from road accidents. It is clear from the report that road accidents are multi-causal which requires multi-pronged measures to mitigate the problems through concerted efforts of all agencies concerted both in the Central and State Governments. Road Accident measures which are within the purview of the Ministry of Road Transport & Highways include road engineering design for safety; proper road marking and signages; safety standards for vehicles like use of seat belts, etc., education and awareness campaign and programmes. The various accidents mitigation measures taken up by the Ministry in the recent part are as follows:

### A. Road Engineering measures

**(i) 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 265 spots have already been rectified. Rectification measures at 318 spots have been sanctioned which are in various stages of implementation. 139 spots are on State Government roads/with other agencies. The balance 67spots would be taken up separately or would be rectified as part of ongoing projects.

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.

**(ii) Road Safety Audits:** Detailed guidelines for taking up road safety audits on National Highways have been prepared and 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. Apart from this, 1382km of National Highways stretches have been sanctioned for taking up standalone road safety audit for addressing the safety concerns on those stretches.

**(iii) Installation of crash barriers:** Ministry has taken up installation of crash barriers in hilly terrain on National Highways in predominantly 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.

(vi) **Training and capacity building:** A certification course for Road Safety Auditors has been commenced by IAHE and 42 auditors have been certified.

## **B. Vehicular Safety Standards and IT Enabled Safety 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.

The Ministry of Road Transport & Highways has issued the recent notification listed out in the previous Section. Prominent among them are:

- Anti-lock Brake System (ABS) has been made mandatory for M1 and M2 category Vehicles;
- Fitment of Speed Governor on M1 category;
- Turning circle and Steering effort requirements;
- Additional safety provision for M1 category – seat belt reminder, air bag, manual over-ride, speed alert system;
- Standardization of fully built bus as per AIS : 153
- Self-certification of Bus Body Code;
- Ventilation system in truck cabin
- Change in IS standards for Agricultural Tractor, brakes, Turning Circle diameter and location of exhaust pipe.

## **C. EDUCATION AND AWARENESS**

The Government is taking steps to strengthen the system of driver licensing and training to improve the competence and capability of drivers.

- (i) **Model Institutes of Driving Training and Research (IDTR)** in States / UTs. Till date 28 IDTR has been sanctioned out of which 16 are functional. Remaining is under construction.
- (ii) The Ministry has launched a scheme for setting up of **Driving Training Centre (DTC)** 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.
- (iii) The Ministry observed **Road Safety Week** every year with the objective of getting awareness about road safety. Advocacy/Publicity campaign on road safety through the electronic and print media is taken up vigorously.
- (iv) **Research in Road Safety:** The Government will encourage 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 practices through publication, training, conferences, workshops and websites.

#### **D. POST-CRASH RESPONSE AND TRAUMA CARE:**

##### **(i) 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 dated 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.

##### **(ii) 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.

##### **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 behaviour 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 has 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 Highways in cooperation with State Governments and UT Administrations.

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## Road Accidents, Persons Killed and Injured: 1970-2017

Years	Total Number of Road Accidents (in numbers)	Total Number of Persons Killed (in numbers)	Total Number of Persons Injured (in numbers)	Population of India (in thousands)	Total Number of Registered Motor Vehicles (in thousands)	Road Length (in kms)	Number of Accidents per Lakh Population	Number of Accidents per Ten Thousand Vehicles	Number of Accidents per Ten Thousand Kms of Roads	Number of Persons Killed Per Lakh Population	Number of Persons Killed Per Ten Thousand Vehicles	Number of Persons Killed per Ten Thousand Kms of Roads	Number of Persons Injured per Lakh Population	Number of Persons Injured Per Ten Thousand Vehicles	Number of Persons Injured Per Ten Thousand Kms of Roads
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1970	1,14,100	14,500	70,100	5,39,000	1,401	11,88,728	21.2	814.4	959.8	2.7	103.5	122.0	13.0	500.4	589.7
1980	1,53,200	24,000	1,09,100	6,73,000	4,521	14,91,873	22.8	338.9	1,026.9	3.6	53.1	160.9	16.2	241.3	731.3
1990	2,82,600	54,100	2,44,100	8,35,000	19,152	19,83,867	33.8	147.6	1,424.5	6.5	28.2	272.7	29.2	127.5	1,230.4
1994	3,25,864	64,463	3,11,500	9,04,000	27,660	28,90,950	36.0	117.8	1,127.2	7.1	23.3	223.0	34.5	112.6	1,077.5
1995	3,51,999	70,781	3,23,200	9,24,359	30,295	29,75,035	38.1	116.2	1,183.2	7.7	23.4	237.9	35.0	106.7	1,086.4
1996	3,71,204	74,665	3,69,502	9,41,579	33,786	32,02,515	39.4	109.9	1,159.1	7.9	22.1	233.1	39.2	109.4	1,153.8
1997	3,73,671	76,977	3,78,361	9,59,792	37,332	32,98,788	38.9	100.1	1,132.8	8.0	20.6	233.3	39.4	101.4	1,147.0
1998	3,85,018	79,919	3,90,674	9,78,081	41,368	32,28,356	39.4	93.1	1,192.6	8.2	19.3	247.6	39.9	94.4	1,210.1
1999	3,86,456	81,966	3,75,051	9,96,130	44,875	32,96,650	38.8	86.1	1,172.3	8.2	18.3	248.6	37.7	83.6	1,137.7
2000	3,91,449	78,911	3,99,265	10,14,825	48,857	33,16,078	38.6	80.1	1,180.5	7.8	16.2	238.0	39.3	81.7	1,204.0
2001	4,05,637	80,888	4,05,216	10,28,610	54,991	33,73,520	39.4	73.8	1,202.4	7.9	14.7	239.8	39.4	73.7	1,201.2
2002	4,07,497	84,674	4,08,711	10,45,547	58,924	34,26,603	39.0	69.2	1,189.2	8.1	14.4	247.1	39.1	69.4	1,192.8
2003	4,06,726	85,998	4,35,122	10,62,388	67,007	35,28,654	38.3	60.7	1,152.6	8.1	12.8	243.7	41.0	64.9	1,233.1
2004	4,29,910	92,618	4,64,521	10,79,117	72,718	36,21,507	39.8	59.1	1,187.1	8.6	12.7	255.7	43.0	63.9	1,282.7
2005	4,39,255	94,968	4,65,282	10,95,722	81,502	38,09,156	40.1	53.9	1,153.2	8.7	11.7	249.3	42.5	57.1	1,221.5
2006	4,60,920	1,05,749	4,96,481	11,12,186	89,618	38,80,651	41.4	51.4	1,187.7	9.5	11.8	272.5	44.6	55.4	1,279.4
2007	4,79,216	1,14,444	5,13,340	11,28,521	96,707	40,16,401	42.5	49.6	1,193.1	10.1	11.8	284.9	45.5	53.1	1,278.1
2008	4,84,704	1,19,860	5,23,193	11,44,734	1,05,353	41,09,592	42.3	46.0	1,179.4	10.5	11.4	291.7	45.7	49.7	1,273.1
2009	4,86,384	1,25,660	5,15,458	11,60,813	1,14,951	44,71,510	41.9	42.3	1,087.7	10.8	10.9	281.0	44.4	44.8	1,152.8
2010	4,99,628	1,34,513	5,27,512	11,76,742	1,27,746	45,82,439	42.5	39.1	1,090.3	11.4	10.5	293.5	44.8	41.3	1,151.2
2011	4,97,686	1,42,485	5,11,394	12,10,193	1,41,866	46,76,838	41.1	35.1	1,064.2	11.8	10.0	304.7	42.3	36.0	1,093.5
2012	4,90,383	1,38,258	5,09,667	12,08,116	1,59,491	48,65,394	40.6	30.7	1,007.9	11.4	8.7	284.2	42.2	32.0	1,047.5
2013	4,86,476	1,37,572	4,94,893	12,23,581	1,81,508	52,31,922	39.8	26.8	929.8	11.2	7.6	262.9	40.4	27.3	945.9
2014	4,89,400	1,39,671	4,93,474	12,38,887	1,90,704	54,02,486	39.5	25.7	905.9	11.3	7.3	258.5	39.8	25.9	913.4
2015	5,01,423	1,46,133	5,00,279	12,54,019	2,10,023	54,72,144	40.0	23.9	916.3	11.7	7.0	267.0	39.9	23.8	914.2
2016	4,80,652	1,50,785	4,94,624	12,68,961	2,30,031	56,03,293	37.9	20.9	857.8	11.9	6.6	269.1	39.0	21.5	882.7
2017	4,64,910	1,47,913	4,70,975	12,83,601	*	*	36.2	*	*	11.5	*	*	36.7	*	*

Sources: 1. Accidents - State Police Authorities

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

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

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

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

6. Data for Road Accident is for the calendar year

\* Figures for road length and registered motor vehicles for the year 2017 are not available

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



## Annexure - 2

## Total Number of Road Accidents in India: 2014 to 2017

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 10,000 Vehicles			Total Number of Road Accidents per 10,000 Km of Roads		
		2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	24440	24258	24888	25727	5.0	4.8	5.2	5.5	28.1	27.7	28.2	28.9	34.9	30.8	28.5	1372.3	1355.0	1427.3
2	Arunachal Pradesh	205	284	249	241	0.0	0.1	0.1	0.1	16.0	21.9	19.0	18.2	13.6	18.8	9.4	83.8	112.0	81.1
3	Assam	7144	6959	7435	7170	1.5	1.4	1.5	1.5	22.5	21.7	22.9	21.9	32.2	27.7	26.4	227.8	213.1	225.6
4	Bihar	9556	9555	8222	8855	2.0	1.9	1.7	1.9	9.4	9.3	7.9	8.4	23.0	20.0	15.0	455.6	463.8	398.2
5	Chhattisgarh	13821	14446	13580	13563	2.8	2.9	2.8	2.9	54.8	56.5	52.5	51.8	35.7	33.5	28.2	1461.3	1481.1	1417.4
6	Goa	4229	4338	4304	3917	0.9	0.9	0.9	0.8	220.8	222.1	217.7	193.6	41.9	40.0	37.2	3187.6	2966.4	2679.4
7	Gujarat	23712	23183	21859	19081	4.8	4.6	4.5	4.1	38.7	37.3	34.8	30.0	13.9	12.4	10.7	1324.2	1271.8	1220.2
8	Haryana	10676	11174	11234	11258	2.2	2.2	2.3	2.4	40.0	41.3	40.9	40.4	14.7	14.1	13.0	2501.1	2414.1	2317.1
9	Himachal Pradesh	3058	3010	3168	3114	0.6	0.6	0.7	0.7	43.8	42.8	44.7	43.5	31.4	27.9	27.0	562.3	541.4	568.2
10	Jammu & Kashmir	5861	5836	5501	5624	1.2	1.2	1.1	1.2	48.2	47.5	44.3	44.8	51.7	46.9	40.3	1498.7	1492.7	1106.5
11	Jharkhand	5201	5162	4932	5198	1.1	1.0	1.0	1.1	15.9	15.5	14.7	15.3	30.3	25.0	19.9	1260.6	1208.8	738.5
12	Karnataka	43713	44011	44403	42542	8.9	8.8	9.2	9.2	71.4	71.2	71.2	67.6	32.8	29.8	27.3	1395.8	1367.6	1285.1
13	Kerala	36282	39014	39420	38470	7.4	7.8	8.2	8.3	102.9	110.0	110.5	107.2	41.3	40.4	38.8	1875.4	2002.2	1963.1
14	Madhya Pradesh	53472	54947	53972	53399	10.9	11.0	11.2	11.5	70.7	71.6	69.3	67.6	55.0	49.3	48.4	1909.7	1901.7	1861.5
15	Maharashtra	61627	63805	39878	35853	12.6	12.7	8.3	7.7	52.6	53.8	33.2	29.5	26.3	25.0	14.3	1012.5	1049.2	650.1
16	Manipur	743	671	538	578	0.2	0.1	0.1	0.1	29.3	26.2	20.8	22.1	18.8	21.8	17.6	343.0	276.7	217.1
17	Meghalaya	542	606	620	675	0.1	0.1	0.1	0.1	20.0	22.1	22.4	24.1	21.8	22.7	11.1	408.7	453.2	285.4
18	Mizoram	132	70	83	68	0.0	0.0	0.0	0.0	12.7	6.7	7.8	6.3	9.6	4.6	4.8	134.7	71.2	102.4
19	Nagaland	305	54	75	531	0.1	0.0	0.0	0.1	13.1	2.3	3.2	22.1	9.6	1.6	2.0	83.3	14.5	20.8
20	Odisha	9648	10542	10532	10855	2.0	2.1	2.2	2.3	23.1	25.0	24.8	25.4	20.5	20.2	18.1	340.7	371.6	365.6
21	Punjab	6391	6702	6952	6273	1.3	1.3	1.4	1.3	22.4	23.2	23.9	21.4	10.2	10.7	7.7	613.6	636.1	641.5
22	Rajasthan	24628	24072	23066	22112	5.0	4.8	4.8	4.8	34.7	33.4	31.6	29.9	22.1	19.4	16.9	1020.9	970.0	907.1
23	Sikkim	203	219	210	196	0.0	0.0	0.0	0.0	32.1	34.2	32.5	30.0	51.3	50.7	42.9	311.1	294.0	254.8
24	Tamil Nadu	67250	69059	71431	65562	13.7	13.8	14.9	14.1	98.0	100.0	102.9	94.0	32.2	30.7	29.5	2645.5	2644.9	2736.5
25	Telangana	20078	21252	22811	22484	4.1	4.2	4.7	4.8	NA	NA	NA	NA	28.4	27.1	26.2	2177.3	2119.9	1846.0
26	Tripura	716	647	557	503	0.1	0.1	0.1	0.1	19.1	17.1	14.6	13.0	28.0	22.9	17.4	171.1	173.1	141.5
27	Uttarakhand	1410	1523	1591	1603	0.3	0.3	0.3	0.3	13.6	14.5	15.0	14.9	8.6	8.3	8.4	233.3	242.0	260.7
28	Uttar Pradesh	31034	32385	35612	38783	6.3	6.5	7.4	8.3	14.7	15.1	16.3	17.5	16.2	15.0	14.9	781.3	779.6	843.1
29	West Bengal	12875	13208	13580	11631	2.6	2.6	2.8	2.5	14.0	14.2	14.5	12.3	19.1	17.8	20.9	410.4	446.2	428.8
30	Andaman & Nicobar Islands	218	258	238	189	0.0	0.1	0.0	0.0	40.9	47.5	43.2	33.6	23.3	25.2	21.4	1654.0	1908.3	1594.3
31	Chandigarh	369	416	428	342	0.1	0.1	0.1	0.1	22.4	24.2	24.0	18.4	5.9	6.1	5.1	1281.6	1417.4	1517.2
32	Dadra & Nagar Haveli	87	69	70	67	0.0	0.0	0.0	0.0	21.6	16.7	16.6	15.3	8.5	6.2	6.6	1034.5	797.7	617.4
33	Daman & Diu	39	70	71	79	0.0	0.0	0.0	0.0	12.8	22.1	21.5	23.0	4.1	7.0	6.7	769.2	1341.0	1432.6
34	Delhi	8623	8085	7375	6673	1.8	1.6	1.5	1.4	42.9	39.1	34.6	30.5	10.4	9.1	7.6	2695.0	2521.3	4184.4
35	Lakshadweep	1	3	1	1	0.0	0.0	0.0	0.0	1.3	3.8	1.2	1.2	0.8	2.1	0.6	48.1	140.2	47.8
36	Puducherry	1111	1530	1766	1693	0.2	0.3	0.4	0.4	70.6	94.1	105.8	97.7	14.8	19.1	20.5	3678.9	4980.2	5564.7
	<b>Total</b>	<b>489400</b>	<b>501423</b>	<b>480652</b>	<b>464910</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>40.5</b>	<b>38.3</b>	<b>37.9</b>	<b>36.2</b>	<b>26.3</b>	<b>22.9</b>	<b>20.9</b>	<b>1113.7</b>	<b>1051.3</b>	<b>1021.9</b>

\*: Figures of road length and registered motor vehicles for the year 2017 are not finalised.

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

## Annexure - 3

## Total Number of Persons Killed in Road Accidents in India: 2014 to 2017

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents during				Share of States/UTs in Total Number of Persons Killed in Road Accidents				Total Number of Persons Killed in Road Accidents Per Lakh Population				Total Number of Persons Killed in Road Accidents per 10,000 Vehicles			Total Number of Persons Killed in Road Accidents per 10,000 Km of Roads		
		2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	7908	8297	8541	8060	5.7	5.7	5.7	5.4	9.1	9.5	9.7	9.1	11.3	10.5	9.8	444.0	463.5	489.8
2	Arunachal Pradesh	119	127	149	110	0.1	0.1	0.1	0.1	9.3	9.8	11.3	8.3	7.9	8.4	5.6	48.6	50.1	48.5
3	Assam	2522	2397	2572	2783	1.8	1.6	1.7	1.9	8.0	7.5	7.9	8.5	11.4	9.6	9.1	80.4	73.4	78.1
4	Bihar	4913	5421	4901	5554	3.5	3.7	3.3	3.8	4.8	5.3	4.7	5.3	11.8	11.3	8.9	234.2	263.1	237.4
5	Chhattisgarh	4022	4082	3908	4136	2.9	2.8	2.6	2.8	15.9	16.0	15.1	15.8	10.4	9.5	8.1	425.3	418.5	407.9
6	Goa	290	311	336	328	0.2	0.2	0.2	0.2	15.1	15.9	17.0	16.2	2.9	2.9	2.9	218.6	212.7	209.2
7	Gujarat	7955	8119	8136	7289	5.7	5.6	5.4	4.9	13.0	13.1	13.0	11.5	4.7	4.3	4.0	444.3	445.4	454.2
8	Haryana	4483	4879	5024	5120	3.2	3.3	3.3	3.5	16.8	18.0	18.3	18.4	6.2	6.2	5.8	1050.3	1054.1	1036.3
9	Himachal Pradesh	1199	1096	1271	1203	0.9	0.8	0.8	0.8	17.2	15.6	17.9	16.8	12.3	10.2	10.8	220.5	197.1	227.9
10	Jammu & Kashmir	992	917	958	926	0.7	0.6	0.6	0.6	8.2	7.5	7.7	7.4	8.8	7.4	7.0	253.7	234.6	192.7
11	Jharkhand	2628	2893	3027	3256	1.9	2.0	2.0	2.2	8.0	8.7	9.0	9.6	15.3	14.0	12.2	637.0	677.4	453.2
12	Karnataka	10452	10856	11133	10609	7.5	7.4	7.4	7.2	17.1	17.6	17.8	16.9	7.8	7.3	6.8	333.7	337.3	322.2
13	Kerala	4049	4196	4287	4131	2.9	2.9	2.8	2.8	11.5	11.8	12.0	11.5	4.6	4.3	4.2	209.3	215.3	213.5
14	Madhya Pradesh	8569	9314	9646	10177	6.1	6.4	6.4	6.9	11.3	12.1	12.4	12.9	8.8	8.4	8.7	306.0	322.4	332.7
15	Maharashtra	12803	13212	12935	12264	9.2	9.0	8.6	8.3	10.9	11.1	10.8	10.1	5.5	5.2	4.6	210.3	217.3	210.9
16	Manipur	168	139	81	136	0.1	0.1	0.1	0.1	6.6	5.4	3.1	5.2	4.3	4.5	2.6	77.6	57.3	32.7
17	Meghalaya	141	183	150	182	0.1	0.1	0.1	0.1	5.2	6.7	5.4	6.5	5.7	6.9	2.7	106.3	136.9	69.0
18	Mizoram	103	72	70	60	0.1	0.0	0.0	0.0	9.9	6.9	6.6	5.6	7.5	4.8	4.1	105.1	73.2	86.3
19	Nagaland	81	30	46	41	0.1	0.0	0.0	0.0	3.5	1.3	1.9	1.7	2.5	0.9	1.2	22.1	8.1	12.7
20	Odisha	3931	4303	4463	4790	2.8	2.9	3.0	3.2	9.4	10.2	10.5	11.2	8.4	8.2	7.7	138.8	151.7	154.9
21	Punjab	4621	4893	5077	4463	3.3	3.3	3.4	3.0	16.2	17.0	17.4	15.2	7.4	7.8	5.6	443.6	464.4	468.5
22	Rajasthan	10289	10510	10465	10444	7.4	7.2	6.9	7.1	14.5	14.6	14.3	14.1	9.2	8.5	7.7	426.5	423.5	411.6
23	Sikkim	59	70	85	78	0.0	0.0	0.1	0.1	9.3	10.9	13.1	11.9	14.9	16.2	17.3	90.4	94.0	103.1
24	Tamil Nadu	15190	15642	17218	16157	10.9	10.7	11.4	10.9	22.1	22.7	24.8	23.2	7.3	6.9	7.1	597.5	599.1	659.6
25	Telangana	6906	7110	7219	6596	4.9	4.9	4.8	4.5	NA	NA	NA	NA	9.8	9.1	8.3	748.9	709.2	584.2
26	Tripura	188	158	173	161	0.1	0.1	0.1	0.1	5.0	4.2	4.5	4.2	7.3	5.6	5.4	44.9	42.3	43.9
27	Uttarakhand	878	913	962	942	0.6	0.6	0.6	0.6	8.5	8.7	9.0	8.8	5.4	5.0	5.1	145.3	145.0	157.7
28	Uttar Pradesh	16287	17666	19320	20124	11.7	12.1	12.8	13.6	7.7	8.2	8.9	9.1	8.5	8.2	8.1	410.0	425.3	457.4
29	West Bengal	5875	6234	6544	5769	4.2	4.3	4.3	3.9	6.4	6.7	7.0	6.1	8.7	8.4	10.1	187.3	210.6	206.6
30	Andaman & Nicobar Islands	23	23	17	21	0.0	0.0	0.0	0.0	4.3	4.2	3.1	3.7	2.5	2.2	1.5	174.5	170.1	113.9
31	Chandigarh	131	129	151	107	0.1	0.1	0.1	0.1	7.9	7.5	8.5	5.8	2.1	1.9	1.8	455.0	439.5	535.3
32	Dadra & Nagar Haveli	59	42	46	43	0.0	0.0	0.0	0.0	14.7	10.1	10.9	9.8	5.7	3.8	4.4	701.5	485.5	405.7
33	Daman & Diu	15	42	38	36	0.0	0.0	0.0	0.0	4.9	13.2	11.5	10.5	1.6	4.2	3.6	295.9	804.6	766.7
34	Delhi	1671	1622	1591	1584	1.2	1.1	1.1	1.1	8.3	7.8	7.5	7.2	2.0	1.8	1.6	522.3	505.8	902.7
35	Lakshadweep	0	0	1	0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.6	0.0	0.0	47.8
36	Puducherry	151	235	244	233	0.1	0.2	0.2	0.2	9.6	14.5	14.6	13.4	2.0	2.9	2.8	500.0	764.9	768.8
	<b>Total</b>	<b>139671</b>	<b>146133</b>	<b>150785</b>	<b>147913</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>11.3</b>	<b>11.7</b>	<b>11.9</b>	<b>11.5</b>	<b>7.3</b>	<b>7.0</b>	<b>6.6</b>	<b>310.2</b>	<b>319.6</b>	<b>320.6</b>

\*: Figures of road length and registered motor vehicles for the year 2017 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: 2014 to 2017**

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents during				Share of States/UTs in Total Number of Persons Injured in Road Accidents				Total Number of Persons Injured in Road Accidents Per Lakh Population				Total Number of Persons Killed in Road Accidents per 10,000 Vehicles			Total Number of Persons Killed in Road Accidents per 10,000 Km of Roads		
		2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	29931	29439	30051	27475	6.1	5.9	6.1	5.8	34.4	33.6	34.0	30.9	42.7	37.3	34.4	1680.6	1644.4	1723.4
2	Arunachal Pradesh	308	359	391	316	0.1	0.1	0.1	0.1	24.0	27.6	29.8	23.8	20.4	23.7	14.8	125.9	141.6	127.4
3	Assam	6499	7068	6127	6163	1.3	1.4	1.2	1.3	20.5	22.0	18.9	18.8	29.3	28.2	21.7	207.2	216.5	185.9
4	Bihar	6640	6835	5651	6014	1.3	1.4	1.1	1.3	6.5	6.7	5.4	5.7	15.9	14.3	10.3	316.6	331.8	273.7
5	Chhattisgarh	13157	13426	12955	12550	2.7	2.7	2.6	2.7	52.1	52.5	50.1	47.9	34.0	31.1	26.9	1391.1	1376.5	1352.2
6	Goa	1879	2055	2026	1922	0.4	0.4	0.4	0.4	98.1	105.2	102.5	95.0	18.6	19.0	17.5	1416.3	1405.2	1261.3
7	Gujarat	22493	21448	19949	16802	4.6	4.3	4.0	3.6	36.7	34.5	31.8	26.4	13.2	11.5	9.8	1256.2	1176.6	1113.6
8	Haryana	8944	10794	10531	10339	1.8	2.2	2.1	2.2	33.5	39.9	38.3	37.1	12.4	13.6	12.2	2095.4	2332.0	2172.1
9	Himachal Pradesh	5576	5108	5764	5452	1.1	1.0	1.2	1.2	79.9	72.6	81.2	76.2	57.2	47.4	49.0	1025.2	918.8	1033.7
10	Jammu & Kashmir	8043	8142	7692	7419	1.6	1.6	1.6	1.6	66.2	66.3	61.9	59.1	71.0	65.4	56.3	2056.7	2082.6	1547.2
11	Jharkhand	4356	4038	3793	3918	0.9	0.8	0.8	0.8	13.3	12.2	11.3	11.5	25.3	19.5	15.3	1055.8	945.6	567.9
12	Karnataka	56831	56971	54556	52961	11.5	11.4	11.0	11.2	92.8	92.2	87.5	84.2	42.6	38.5	33.5	1814.6	1770.3	1579.0
13	Kerala	41096	43735	44108	42671	8.3	8.7	8.9	9.1	116.6	123.3	123.6	119.0	46.8	45.3	43.4	2124.3	2244.5	2196.5
14	Madhya Pradesh	55335	55815	57873	57532	11.2	11.2	11.7	12.2	73.2	72.7	74.3	72.9	56.9	50.1	51.9	1976.3	1931.8	1996.0
15	Maharashtra	40455	39606	35884	32128	8.2	7.9	7.3	6.8	34.5	33.4	29.9	26.4	17.3	15.5	12.9	664.6	651.3	585.0
16	Manipur	1295	1201	955	1027	0.3	0.2	0.2	0.2	51.1	46.9	36.8	39.2	32.8	39.1	31.2	597.9	495.3	385.5
17	Meghalaya	311	319	354	354	0.1	0.1	0.1	0.1	11.5	11.6	12.8	12.6	12.5	11.9	6.3	234.5	238.6	162.9
18	Mizoram	234	103	68	55	0.0	0.0	0.0	0.0	22.5	9.8	6.4	5.1	17.1	6.8	4.0	238.7	104.8	83.9
19	Nagaland	230	74	120	375	0.0	0.0	0.0	0.1	9.9	3.1	5.0	15.6	7.2	2.2	3.2	62.8	19.9	33.2
20	Odisha	11087	11825	11312	11198	2.2	2.4	2.3	2.4	26.5	28.1	26.6	26.2	23.6	22.7	19.4	391.5	416.8	392.7
21	Punjab	4127	4414	4351	4218	0.8	0.9	0.9	0.9	14.4	15.3	14.9	14.4	6.6	7.0	4.8	396.2	418.9	401.5
22	Rajasthan	27453	26153	24103	22071	5.6	5.2	4.9	4.7	38.7	36.3	33.0	29.9	24.7	21.1	17.7	1138.0	1053.9	947.9
23	Sikkim	352	337	263	479	0.1	0.1	0.1	0.1	55.6	52.7	40.6	73.4	88.9	78.0	53.7	539.5	452.3	319.1
24	Tamil Nadu	77725	79746	82163	74571	15.8	15.9	16.6	15.8	113.2	115.5	118.4	106.9	37.3	35.4	33.9	3057.6	3054.2	3147.6
25	Telangana	21636	22948	24217	23990	4.4	4.6	4.9	5.1	NA	NA	NA	NA	30.6	29.3	27.8	2346.3	2289.1	1959.7
26	Tripura	1225	1028	853	718	0.2	0.2	0.2	0.2	32.7	27.2	22.3	18.6	47.8	36.4	26.7	292.7	275.0	216.7
27	Uttarakhand	1531	1657	1735	1631	0.3	0.3	0.4	0.3	14.8	15.8	16.3	15.2	9.3	9.1	9.2	253.4	263.2	284.3
28	Uttar Pradesh	22337	23205	25096	27494	4.5	4.6	5.1	5.8	10.6	10.8	11.5	12.4	11.7	10.7	10.5	562.3	558.6	594.1
29	West Bengal	12018	11794	11859	10091	2.4	2.4	2.4	2.1	13.1	12.7	12.7	10.7	17.8	15.9	18.3	383.0	398.4	374.4
30	Andaman & Nicobar Islands	283	331	323	263	0.1	0.1	0.1	0.1	53.1	61.0	58.6	46.7	30.2	32.4	29.1	2147.2	2448.2	2163.7
31	Chandigarh	335	331	329	302	0.1	0.1	0.1	0.1	20.3	19.3	18.5	16.2	5.3	4.9	3.9	1163.5	1127.8	1166.3
32	Dadra & Nagar Haveli	96	97	130	60	0.0	0.0	0.0	0.0	23.9	23.4	30.8	13.7	9.3	8.7	12.3	1141.5	1121.4	1146.7
33	Daman & Diu	49	64	102	70	0.0	0.0	0.0	0.0	16.1	20.2	30.9	20.3	5.1	6.4	9.7	966.5	1226.1	2058.1
34	Delhi	8283	8258	7154	6604	1.7	1.7	1.4	1.4	41.2	39.9	33.6	30.2	10.0	9.3	7.4	2588.8	2575.2	4059.0
35	Lakshadweep	1	3	0	1	0.0	0.0	0.0	0.0	1.3	3.8	0.0	1.2	0.8	2.1	0.0	48.1	140.2	0.0
36	Puducherry	1323	1552	1786	1741	0.3	0.3	0.4	0.4	84.1	95.4	107.0	100.5	17.6	19.3	20.7	4380.9	5051.9	5627.7
	<b>Total</b>	<b>493474</b>	<b>500279</b>	<b>494624</b>	<b>470975</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>39.8</b>	<b>39.9</b>	<b>39.0</b>	<b>36.7</b>	<b>25.9</b>	<b>23.8</b>	<b>21.5</b>	<b>1096.0</b>	<b>1094.2</b>	<b>1051.7</b>

\*: Figures of road length and registered motor vehicles for the year 2017 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: 2014-2017**

Sl. No.	States/UTs	2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	7277	7524	7851	7564
2	Arunachal Pradesh	92	117	103	103
3	Assam	2169	2122	2445	2474
4	Bihar	4505	4771	4425	5045
5	Chhattisgarh	3570	3710	3527	3878
6	Goa	283	302	316	306
7	Gujarat	7063	7332	7296	6739
8	Haryana	4214	4430	4636	4700
9	Himachal Pradesh	831	843	1000	907
10	Jammu & Kashmir	886	749	734	765
11	Jharkhand	2259	2619	2681	3034
12	Karnataka	9485	9888	10215	9739
13	Kerala	3823	3937	4064	3915
14	Madhya Pradesh	7554	8412	8774	9258
15	Maharashtra	11528	12009	11780	11220
16	Manipur	149	116	78	107
17	Meghalaya	127	153	146	140
18	Mizoram	88	50	61	55
19	Nagaland	68	23	41	35
20	Odisha	3506	3855	4036	4372
21	Punjab	4285	4357	4584	4139
22	Rajasthan	9334	9306	9282	9300
23	Sikkim	53	61	60	60
24	Tamil Nadu	14165	14524	16092	15061
25	Telangana	6316	6569	6617	6110
26	Tripura	168	154	165	153
27	Uttarakhand	713	765	801	727
28	Uttar Pradesh	13842	15218	16164	17706
29	West Bengal	5489	5779	6081	5199
30	Andaman & Nicobar Islands	20	22	16	20
31	Chandigarh	124	124	144	103
32	Dadra & Nagar Haveli	53	36	40	40
33	Daman & Diu	15	38	32	36
34	Delhi	1629	1582	1548	1565
35	Lakshadweep	0	0	1	0
36	Puducherry	145	229	235	221
<b>Total</b>		<b>125828</b>	<b>131726</b>	<b>136071</b>	<b>134796</b>

## Severity\* of Road Accidents in India (State/UT-wise): 2014 to 2017

S. No.	States/UTs	Persons Killed per 100 Accidents			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	32.4	34.2	34.3	31.3
2	Arunachal Pradesh	58	44.7	59.8	45.6
3	Assam	35.3	34.4	34.6	38.8
4	Bihar	51.4	56.7	59.6	62.7
5	Chhattisgarh	29.1	28.3	28.8	30.5
6	Goa	6.9	7.2	7.8	8.4
7	Gujarat	33.5	35.0	37.2	38.2
8	Haryana	42	43.7	44.7	45.5
9	Himachal Pradesh	39.2	36.4	40.1	38.6
10	Jammu & Kashmir	16.9	15.7	17.4	16.5
11	Jharkhand	50.5	56.0	61.4	62.6
12	Karnataka	23.9	24.7	25.1	24.9
13	Kerala	11.2	10.8	10.9	10.7
14	Madhya Pradesh	16	17.0	17.9	19.1
15	Maharashtra	20.8	20.7	32.4	34.2
16	Manipur	22.6	20.7	15.1	23.5
17	Meghalaya	26	30.2	24.2	27.0
18	Mizoram	78	102.9	84.3	88.2
19	Nagaland	26.6	55.6	61.3	7.7
20	Odisha	40.7	40.8	42.4	44.1
21	Punjab	72.3	73.0	73.0	71.1
22	Rajasthan	41.8	43.7	45.4	47.2
23	Sikkim	29.1	32.0	40.5	39.8
24	Tamil Nadu	22.6	22.7	24.1	24.6
25	Telangana	34.4	33.5	31.6	29.3
26	Tripura	26.3	24.4	31.1	32.0
27	Uttarakhand	62.3	59.9	60.5	58.8
28	Uttar Pradesh	52.5	54.5	54.3	51.9
29	West Bengal	45.6	47.2	48.2	49.6
30	Andaman & Nicobar Islands	10.6	8.9	7.1	11.1
31	Chandigarh	35.5	31.0	35.3	31.3
32	Dadra & Nagar Haveli	67.8	60.9	65.7	64.2
33	Daman & Diu	38.5	60.0	53.5	45.6
34	Delhi	19.4	20.1	21.6	23.7
35	Lakshadweep	0	0.0	100.0	0.0
36	Puducherry	13.6	15.4	13.8	13.8
National Average		28.5	29.1	31.4	31.8

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

<b>Type of Road accidents in States/ UTs in 2017</b>						
<b>S.No</b>	<b>States/UTs</b>	<b>Fatal Accidents</b>	<b>Grievous Injury Accidents</b>	<b>Minor Injury Accidents</b>	<b>Non-Injury Accidents</b>	<b>Total Accidents</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1	Andhra Pradesh	7,564	4,607	10,285	3,271	25,727
2	Arunachal Pradesh	103	86	26	26	241
3	Assam	2,474	3,451	706	539	7,170
4	Bihar	5,045	2,431	887	492	8,855
5	Chhattisgarh	3,878	1,706	6,285	1,694	13,563
6	Goa	306	237	926	2,448	3,917
7	Gujarat	6,739	5,653	5,033	1,656	19,081
8	Haryana	4,700	1,700	4,771	87	11,258
9	Himachal Pradesh	907	959	1042	206	3,114
10	Jammu & Kashmir	765	2179	1,945	735	5,624
11	Jharkhand	3,034	1,734	337	93	5,198
12	Karnataka	9,739	14,191	14,247	4,365	42,542
13	Kerala	3,915	27,034	5,994	1,527	38,470
14	Madhya Pradesh	9,258	4,863	34,493	4,785	53,399
15	Maharashtra	11,220	12,164	7,253	5,216	35,853
16	Manipur	107	91	342	38	578
17	Meghalaya	140	253	101	181	675
18	Mizoram	55	8	2	3	68
19	Nagaland	35	72	159	265	531
20	Orissa	4,372	4,021	2,302	160	10,855
21	Punjab	4,139	1,490	561	83	6,273
22	Rajasthan	9,300	4,017	8,110	685	22,112
23	Sikkim	60	70	58	8	196
24	Tamil Nadu	15,061	5,005	43,856	1,640	65,562
25	Telangana	6,110	1,165	12,695	2,514	22,484
26	Tripura	153	339	2	9	503
27	Uttarakhand	727	674	167	35	1,603
28	Uttar Pradesh	17,706	14,363	6,044	670	38,783
29	West Bengal	5,199	4,811	560	1061	11,631
30	A & N Islands	20	54	88	27	189
31	Chandigarh	103	7	198	34	342
32	D & N Haveli	40	20	4	3	67
33	Daman & Diu	36	31	4	8	79
34	Delhi	1,565	907	4,110	91	6,673
35	Lakshadweep	0	1	0	0	1
36	Puducherry	221	577	807	88	1,693
	<b>Total</b>	<b>1,34,796</b>	<b>1,20,971</b>	<b>1,74,400</b>	<b>34,743</b>	<b>4,64,910</b>

## Accidents classified according to Type of Collision during the calendar year 2017

S.No	States/UTs	Hit & Run				Pedestrian				Hit from Back				Hit from side			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	1273	649	311	661	3646	1398	907	2079	4014	1187	1308	3294	1772	501	748	1359
2	Arunachal Pradesh	29	6	11	7	8	4	8	5	16	7	19	6	12	6	17	5
3	Assam	1515	666	1078	218	1277	538	673	122	1086	460	883	190	630	188	458	127
4	Bihar	3370	2237	1523	634	1134	769	441	148	846	474	463	171	835	514	425	223
5	Chhattisgarh	1949	630	287	1265	605	181	102	441	1888	427	222	1252	1332	266	175	1001
6	Goa	86	17	13	26	164	47	38	51	705	59	48	275	1010	52	104	471
7	Gujarat	7337	2742	2744	2927	1920	798	867	579	3318	1212	1650	1600	2263	784	1089	1081
8	Haryana	2817	1256	411	2238	2159	1087	543	1262	616	216	126	471	479	177	79	372
9	Himachal Pradesh	672	159	259	479	406	101	169	240	136	38	54	138	244	48	119	268
10	Jammu & Kashmir	221	54	82	161	616	111	201	514	138	17	24	191	106	13	50	123
11	Jharkhand	927	775	613	101	473	356	322	77	486	388	414	85	329	235	293	83
12	Karnataka	2911	853	1654	1498	4312	1054	2231	2140	16983	4588	8713	12848	5936	1207	3104	4343
13	Kerala	333	43	317	303	10207	1332	7760	1990	4933	457	3734	2107	1866	185	1745	838
14	Madhya Pradesh	11690	2437	1272	12206	3517	671	382	3178	6791	1143	1095	5808	3859	565	410	3580
15	Maharashtra	6160	2324	3256	2082	5521	1626	2972	1324	5601	1810	3048	1795	3167	837	1682	1120
16	Manipur	16	9	2	12	44	15	7	51	83	12	23	142	117	21	32	146
17	Meghalaya	219	54	85	36	97	26	38	12	36	11	11	6	37	14	12	5
18	Mizoram	11	9	8	9	8	6	1	1	5	4	2	0	3	3	1	0
19	Nagaland	56	5	20	31	54	8	26	13	21	1	6	9	5	0	0	0
20	Orissa	2047	838	1181	1079	698	330	296	280	1472	647	888	672	1017	432	604	562
21	Punjab	1673	1360	777	196	482	297	205	63	967	546	676	160	781	528	391	159
22	Rajasthan	3528	1671	1372	2204	1547	696	408	842	3855	1656	1044	2731	1856	803	522	1329
23	Sikkim	9	3	3	14	25	8	9	12	2	2	0	0	7	0	8	9
24	Tamil Nadu	5009	1698	303	4435	13515	3507	1229	11084	10133	2114	1180	11846	7049	1656	983	7048
25	Telangana	1577	605	91	1208	3302	969	206	2427	4065	889	322	3870	1900	442	153	1851
26	Tripura	60	28	69	2	124	41	118	3	81	21	93	1	52	13	82	0
27	Uttarakhand	150	98	90	9	97	52	78	17	248	122	167	43	297	140	189	49
28	Uttar Pradesh	6104	3269	3055	1183	2847	1431	1388	717	4370	2060	2038	1208	3911	2024	1835	958
29	West Bengal	1196	713	1204	219	1900	1039	1057	129	3097	1574	2041	414	558	217	382	126
30	A & N Islands	1	0	0	1	40	9	13	25	40	2	10	37	26	2	11	18
31	Chandigarh	2	0	0	1	63	27	1	38	73	28	1	66	158	40	3	140
32	D & N Haveli	24	17	26	0	6	2	6	2	1	1	4	1	1	0	2	0
33	Daman & Diu	11	6	5	2	16	9	8	1	4	2	2	1	10	3	8	5
34	Delhi	2100	604	274	1611	1125	254	180	956	1151	248	153	1089	811	132	112	743
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
36	Puducherry	103	31	32	58	389	87	163	215	279	23	107	191	238	23	93	183
	<b>Total</b>	<b>65186</b>	<b>25866</b>	<b>22428</b>	<b>37116</b>	<b>62344</b>	<b>18886</b>	<b>23053</b>	<b>31038</b>	<b>77540</b>	<b>22446</b>	<b>30569</b>	<b>52718</b>	<b>42675</b>	<b>12071</b>	<b>15922</b>	<b>28325</b>

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## Accidents classified according to Type of Collision during the calendar year 2017

S.No	States/UTs	Run Off Road				With Animal				Fixed Object				With Parked Vehicle			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	Andhra Pradesh	778	313	195	752	203	79	47	228	1021	430	354	731	601	175	118	685
2	Arunachal Pradesh	18	5	14	3	0	0	0	0	16	10	17	10	26	13	18	9
3	Assam	418	124	333	81	66	26	59	18	182	79	128	65	362	107	221	51
4	Bihar	463	275	279	56	108	46	57	54	216	97	109	54	160	86	76	30
5	Chhattisgarh	725	174	130	610	107	36	32	47	577	207	100	441	154	54	46	98
6	Goa	164	22	15	34	3	2	0	2	307	27	8	84	21	3	0	3
7	Gujarat	578	188	247	234	420	171	191	216	548	256	338	300	562	244	314	290
8	Haryana	207	88	104	117	33	15	6	29	352	120	67	274	216	77	39	149
9	Himachal Pradesh	640	563	303	1294	6	3	1	3	104	44	40	178	71	13	22	74
10	Jammu & Kashmir	144	46	126	154	11	2	0	3	81	4	24	104	9	1	9	6
11	Jharkhand	382	231	266	68	480	67	125	72	76	93	91	31	78	93	109	17
12	Karnataka	1242	252	648	914	204	46	105	121	738	169	406	525	632	108	345	409
13	Kerala	32	7	31	21	0	0	0	0	268	78	145	134	216	20	279	82
14	Madhya Pradesh	642	188	96	586	258	68	27	183	943	151	101	885	578	62	56	496
15	Maharashtra	301	72	180	140	68	13	31	13	937	324	491	426	290	39	213	143
16	Manipur	4	2	9	0	1	0	2	0	20	0	0	30	3	1	10	11
17	Meghalaya	26	8	9	4	26	10	8	4	35	12	11	6	26	7	8	4
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	88	7	13	65	0	0	0	0	77	0	7	36	37	0	5	20
20	Orissa	401	161	213	206	149	60	96	78	530	184	325	209	276	104	142	156
21	Punjab	237	133	109	35	227	154	98	29	155	127	70	40	259	154	150	50
22	Rajasthan	440	228	77	366	124	62	26	97	243	136	64	158	113	55	36	92
23	Sikkim	72	52	78	109	0	0	0	0	12	2	3	9	4	0	4	2
24	Tamil Nadu	2197	592	155	3091	329	106	17	326	2211	651	178	2348	1087	297	151	1112
25	Telangana	310	125	32	357	74	30	1	77	610	249	19	585	201	91	18	199
26	Tripura	2	1	1	0	0	0	0	0	21	6	37	0	0	0	0	0
27	Uttarakhand	3	7	0	0	11	6	7	0	103	64	57	13	32	12	20	3
28	Uttar Pradesh	2057	1125	918	453	662	335	360	155	1379	692	721	288	896	431	403	221
29	West Bengal	305	143	270	85	36	23	30	8	123	17	57	39	132	59	98	34
30	A & N Islands	6	0	1	6	1	0	0	0	9	0	1	7	6	0	0	8
31	Chandigarh	0	0	0	0	1	0	0	0	4	1	0	4	0	0	0	0
32	D & N Haveli	0	0	0	0	0	0	0	0	6	6	8	0	0	0	0	0
33	Daman & Diu	0	0	0	0	1	0	0	0	10	7	7	4	1	0	0	0
34	Delhi	48	19	9	28	0	0	0	0	133	35	34	94	52	11	22	46
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	279	40	71	175	2	0	1	45	38	5	1	25	3	0	0	0
	<b>Total</b>	<b>13209</b>	<b>5191</b>	<b>4932</b>	<b>10044</b>	<b>3611</b>	<b>1360</b>	<b>1327</b>	<b>1808</b>	<b>12085</b>	<b>4283</b>	<b>4019</b>	<b>8137</b>	<b>7104</b>	<b>2317</b>	<b>2932</b>	<b>4500</b>



## Accidents classified according to Type of Collision during the calendar year 2017

S.No	States/UTs	Vehicle Overturn				Head on Collision				Others			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	35	36	37	38	39	40	41	42	43	44	45	46
1	Andhra Pradesh	1334	528	422	1553	7807	2129	1889	7114	3278	671	879	1841
2	Arunachal Pradesh	33	25	28	18	27	15	29	19	56	19	31	42
3	Assam	699	261	465	112	656	244	446	88	279	90	267	80
4	Bihar	502	316	249	86	631	397	339	184	590	343	248	165
5	Chhattisgarh	492	153	102	430	1834	523	350	1797	3900	1485	611	3011
6	Goa	94	15	4	39	1084	82	164	439	279	2	8	96
7	Gujarat	1229	538	502	612	531	180	267	402	375	176	241	111
8	Haryana	616	294	203	382	730	277	210	481	3033	1513	640	2136
9	Himachal Pradesh	109	54	72	352	566	122	328	771	160	58	57	231
10	Jammu & Kashmir	164	34	11	249	358	57	77	393	3776	587	3201	1716
11	Jharkhand	581	235	188	33	401	259	200	54	985	524	576	100
12	Karnataka	843	146	393	734	8411	2115	4768	6762	330	71	124	176
13	Kerala	6927	730	5516	1817	13688	1279	10206	5646	0	0	0	0
14	Madhya Pradesh	2960	631	528	3428	10334	1993	1356	9600	11827	2268	1392	10867
15	Maharashtra	1342	445	853	528	6419	2701	4604	1866	6047	2073	3135	2226
16	Manipur	36	4	0	72	130	23	81	230	124	49	95	72
17	Meghalaya	19	6	6	2	57	14	22	9	97	20	43	13
18	Mizoram	6	5	1	1	11	8	5	7	24	25	9	10
19	Nagaland	38	6	12	11	116	7	31	47	39	7	2	21
20	Orissa	1472	686	754	764	1121	521	608	515	1672	827	804	766
21	Punjab	511	437	231	106	981	727	502	171	0	0	0	0
22	Rajasthan	2532	1123	676	1738	4297	2318	1146	3419	3577	1696	1112	2612
23	Sikkim	20	3	21	18	10	0	15	20	35	8	68	77
24	Tamil Nadu	3852	1071	370	4358	16080	3539	1304	18481	4100	926	719	3856
25	Telangana	733	271	98	906	3633	1134	359	4445	6079	1791	424	6342
26	Tripura	54	17	137	0	103	30	169	2	6	4	4	0
27	Uttarakhand	172	141	125	31	160	66	149	42	330	234	498	44
28	Uttar Pradesh	2312	1115	1111	476	4048	2119	2258	732	10197	5523	5062	1954
29	West Bengal	172	82	202	70	2441	1215	1920	480	1671	687	925	301
30	A & N Islands	25	3	6	73	35	5	23	23	0	0	0	0
31	Chandigarh	4	2	0	6	33	7	2	34	4	2	0	6
32	D & N Haveli	0	0	0	0	12	4	6	0	17	13	3	2
33	Daman & Diu	2	1	2	1	5	1	4	2	19	7	15	3
34	Delhi	97	28	2	95	181	48	44	128	975	205	250	734
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	55	7	3	26	137	11	91	77	170	6	50	134
	<b>Total</b>	<b>30037</b>	<b>9413</b>	<b>13293</b>	<b>19127</b>	<b>87068</b>	<b>24170</b>	<b>33972</b>	<b>64480</b>	<b>64051</b>	<b>21910</b>	<b>21493</b>	<b>39745</b>

## Annexure - 9

**Total Number of Road Accidents on National Highways\*: 2014 to 2017**

Sl. No.	States/UTs	State/UT-Wise Total Number of Road Accidents on National Highways during			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	8799	8477	8171	8544
2	Arunachal Pradesh	88	113	95	88
3	Assam	3639	3353	3478	3274
4	Bihar	3708	3227	3138	3883
5	Chhattisgarh	3330	4058	4042	3701
6	Goa	1687	1784	1438	1470
7	Gujarat	5038	4897	4617	4333
8	Haryana	3290	3509	3818	3785
9	Himachal Pradesh	1242	1211	1475	1460
10	Jammu & Kashmir	2040	1953	2122	2139
11	Jharkhand	1368	2007	1935	1828
12	Karnataka	13827	12705	14933	14217
13	Kerala	9006	9442	9209	8993
14	Madhya Pradesh	12726	11988	10709	11150
15	Maharashtra	10788	10839	10364	9237
16	Manipur	431	404	325	372
17	Meghalaya	270	322	338	338
18	Mizoram	55	29	46	38
19	Nagaland	164	34	57	341
20	Odisha	3880	4480	4214	4487
21	Punjab	1791	2092	2114	2533
22	Rajasthan	6991	6821	6567	6851
23	Sikkim	105	117	90	83
24	Tamil Nadu	20109	21902	22573	20696
25	Telangana	4945	5649	6166	6211
26	Tripura	230	230	203	221
27	Uttarakhand	669	728	842	908
28	Uttar Pradesh	11157	13802	13078	14333
29	West Bengal	4895	4288	4468	4158
30	Andaman & Nicobar Islands	69	96	90	60
31	Chandigarh	36	45	47	33
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	0	6	0	9
34	Delhi	976	897	723	755
35	Lakshadweep	0	0	0	0
36	Puducherry	554	763	874	937
	<b>Total</b>	<b>137903</b>	<b>142268</b>	<b>142359</b>	<b>141466</b>

\* Includes expressways

**Total Number of Persons Killed in Road Accidents on National Highways\*: 2014 to 2017**

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents on National Highways during			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	2970	3235	3006	2898
2	Arunachal Pradesh	52	49	58	41
3	Assam	1392	1427	1295	1464
4	Bihar	2013	2002	2014	2540
5	Chhattisgarh	1118	1201	1181	1152
6	Goa	108	132	113	118
7	Gujarat	2149	2136	2141	2145
8	Haryana	1704	1759	1845	1990
9	Himachal Pradesh	389	369	478	528
10	Jammu & Kashmir	452	357	403	409
11	Jharkhand	669	1325	1222	1250
12	Karnataka	4256	3657	4116	3792
13	Kerala	1261	1368	1263	1309
14	Madhya Pradesh	2395	2287	2564	2521
15	Maharashtra	3577	3789	3887	3637
16	Manipur	100	94	46	97
17	Meghalaya	93	89	108	111
18	Mizoram	40	20	45	29
19	Nagaland	35	10	35	27
20	Odisha	1641	1795	1812	2123
21	Punjab	1482	1538	1495	1891
22	Rajasthan	3598	3709	3737	4066
23	Sikkim	33	37	39	30
24	Tamil Nadu	5344	5752	6255	5892
25	Telangana	1895	2103	2173	1954
26	Tripura	74	50	68	70
27	Uttarakhand	479	464	503	584
28	Uttar Pradesh	5827	7773	7469	7946
29	West Bengal	2152	2243	2304	2135
30	Andaman & Nicobar Islands	7	4	7	7
31	Chandigarh	21	19	24	16
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	0	5	0	5
34	Delhi	253	260	238	267
35	Lakshadweep	0	0	0	0
36	Puducherry	70	146	131	137
	<b>Total</b>	<b>47649</b>	<b>51204</b>	<b>52075</b>	<b>53181</b>

\* Includes expressways

## Total Number of Persons Injured in Road Accidents on National Highways\*: 2014 to 2017

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents on National Highways during			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	10240	9816	9553	8936
2	Arunachal Pradesh	115	132	135	113
3	Assam	3592	3446	2759	2813
4	Bihar	2627	2257	2034	2433
5	Chhattisgarh	2986	3585	3844	3345
6	Goa	610	650	472	709
7	Gujarat	4516	4299	3955	3062
8	Haryana	3014	3097	3157	3588
9	Himachal Pradesh	2067	1767	2435	2576
10	Jammu & Kashmir	2819	3146	2895	2554
11	Jharkhand	1081	1555	1504	1264
12	Karnataka	20291	16813	17856	17242
13	Kerala	10282	10542	10521	9990
14	Madhya Pradesh	12757	10260	11375	11616
15	Maharashtra	9742	9577	9515	8351
16	Manipur	820	770	591	685
17	Meghalaya	168	165	206	158
18	Mizoram	73	26	39	11
19	Nagaland	118	39	85	268
20	Odisha	4594	4950	4354	4487
21	Punjab	1203	1339	1287	1717
22	Rajasthan	7980	7526	7023	7085
23	Sikkim	188	172	96	173
24	Tamil Nadu	24834	26355	27844	25268
25	Telangana	5086	6239	6504	6856
26	Tripura	420	422	304	338
27	Uttarakhand	769	713	958	940
28	Uttar Pradesh	8477	9618	9197	10232
29	West Bengal	4531	4270	4096	3959
30	Andaman & Nicobar Islands	112	119	160	123
31	Chandigarh	38	39	22	29
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	0	2	0	2
34	Delhi	907	888	650	760
35	Lakshadweep	0	0	0	0
36	Puducherry	639	747	860	939
	<b>Total</b>	<b>147696</b>	<b>145341</b>	<b>146286</b>	<b>142622</b>

\* Includes expressways

**Total number of Greivous and Minor Injured Persons in Road Accidents on National Highways during the calendar year 2017**

S.No	States/UTs	Greivously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	2333	6603	8936
2	Arunachal Pradesh	67	46	113
3	Assam	2284	529	2813
4	Bihar	1831	602	2433
5	Chhattisgarh	642	2703	3345
6	Goa	148	561	709
7	Gujarat	1347	1715	3062
8	Haryana	1129	2459	3588
9	Himachal Pradesh	721	1855	2576
10	Jammu & Kashmir	1148	1406	2554
11	Jharkhand	910	354	1264
12	Karnataka	6505	10737	17242
13	Kerala	6647	3343	9990
14	Madhya Pradesh	1420	10196	11616
15	Maharashtra	5452	2899	8351
16	Manipur	200	485	685
17	Meghalaya	107	51	158
18	Mizoram	9	2	11
19	Nagaland	90	178	268
20	Orissa	2534	1953	4487
21	Punjab	1340	377	1717
22	Rajasthan	2255	4830	7085
23	Sikkim	88	85	173
24	Tamil Nadu	1830	23438	25268
25	Telangana	429	6427	6856
26	Tripura	337	1	338
27	Uttarakhand	814	126	940
28	Uttar Pradesh	7268	2964	10232
29	West Bengal	3170	789	3959
30	A & N Islands	18	105	123
31	Chandigarh	1	28	29
32	D & N Haveli	0	0	0
33	Daman & Diu	1	1	2
34	Delhi	115	645	760
35	Lakshadweep	0	0	0
36	Puducherry	339	600	939
	<b>Total</b>	<b>53529</b>	<b>89093</b>	<b>142622</b>

**Total Number of Road Accidents on State Highways: 2014 to 2017**

Sl. No.	States/UTs	State/UT-Wise Total Number of Road Accidents on State Highways during			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	5644	5351	5639	5657
2	Arunachal Pradesh	0	0	75	70
3	Assam	1777	1898	1999	1619
4	Bihar	2535	3255	2434	2258
5	Chhattisgarh	3758	3898	3164	3379
6	Goa	434	451	356	527
7	Gujarat	7437	6739	6309	5424
8	Haryana	3247	3389	2887	2898
9	Himachal Pradesh	698	634	820	777
10	Jammu & Kashmir	767	837	537	702
11	Jharkhand	1252	1480	1704	1678
12	Karnataka	13308	10254	11462	11193
13	Kerala	6140	6888	7135	7044
14	Madhya Pradesh	14267	13166	14456	14351
15	Maharashtra	11760	11184	9052	8508
16	Manipur	167	136	117	144
17	Meghalaya	91	117	102	201
18	Mizoram	51	34	27	14
19	Nagaland	94	11	0	119
20	Odisha	3507	4074	3328	3445
21	Punjab	1519	1965	2101	1601
22	Rajasthan	3774	3638	3695	3368
23	Sikkim	71	85	70	50
24	Tamil Nadu	21441	23165	23405	22527
25	Telangana	3623	3783	4090	3895
26	Tripura	374	268	217	183
27	Uttarakhand	391	408	568	332
28	Uttar Pradesh	11669	9320	11715	11529
29	West Bengal	3404	3802	3793	2458
30	Andaman & Nicobar Islands	56	32	19	50
31	Chandigarh	0	0	0	0
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	0	0	6	0
34	Delhi	0	0	0	0
35	Lakshadweep	0	0	0	0
36	Puducherry	152	256	373	157
	<b>Total</b>	<b>123408</b>	<b>120518</b>	<b>121655</b>	<b>116158</b>

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

**Total Number of Persons Killed in Road Accidents on State Highways: 2014 to 2017**

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Killed in Road Accidents on State Highways during			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	2024	1877	2017	1812
2	Arunachal Pradesh	0	0	44	34
3	Assam	594	584	681	557
4	Bihar	1401	1808	1436	1414
5	Chhattisgarh	1180	1139	926	964
6	Goa	46	23	35	45
7	Gujarat	2662	2675	2788	2376
8	Haryana	1339	1475	1243	1369
9	Himachal Pradesh	212	206	360	257
10	Jammu & Kashmir	166	217	70	102
11	Jharkhand	710	783	982	1035
12	Karnataka	3620	2889	3096	3102
13	Kerala	774	841	885	837
14	Madhya Pradesh	2495	2868	3040	2973
15	Maharashtra	4414	4179	3636	3622
16	Manipur	35	25	16	29
17	Meghalaya	22	21	22	51
18	Mizoram	39	47	17	15
19	Nagaland	31	11	0	7
20	Odisha	1387	1718	1467	1552
21	Punjab	1194	1484	1584	1087
22	Rajasthan	1926	1908	1928	1973
23	Sikkim	19	28	35	27
24	Tamil Nadu	5090	5528	5825	5691
25	Telangana	1391	1474	1438	1357
26	Tripura	84	64	61	61
27	Uttarakhand	202	227	305	179
28	Uttar Pradesh	6024	4984	6210	5962
29	West Bengal	1571	1741	1882	1294
30	Andaman & Nicobar Islands	7	5	1	9
31	Chandigarh	0	0	0	0
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	0	0	2	0
34	Delhi	0	0	0	0
35	Lakshadweep	0	0	0	0
36	Puducherry	19	34	35	19
<b>Total</b>		<b>40678</b>	<b>40863</b>	<b>42067</b>	<b>39812</b>

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

**Total Number of Persons Injured in Road Accidents on State Highways: 2014 to 2017**

Sl. No.	States/UTs	State/UT-Wise Total Number of Persons Injured in Road Accidents on State Highways during			
		2014	2015	2016	2017
1	2	3	4	5	6
1	Andhra Pradesh	7049	6950	6791	5746
2	Arunachal Pradesh	0	0	108	96
3	Assam	1619	1999	1671	1470
4	Bihar	1711	2397	1663	1615
5	Chhattisgarh	3768	3642	3157	3178
6	Goa	279	250	170	250
7	Gujarat	7101	6656	6137	4901
8	Haryana	3065	3859	2399	2757
9	Himachal Pradesh	1220	1293	1518	1281
10	Jammu & Kashmir	1479	1498	702	1052
11	Jharkhand	979	1197	1279	1088
12	Karnataka	17570	14270	15448	14903
13	Kerala	7097	7835	8002	7913
14	Madhya Pradesh	16583	17647	16678	15797
15	Maharashtra	11878	10275	8207	7774
16	Manipur	281	233	202	246
17	Meghalaya	51	85	37	117
18	Mizoram	94	62	23	18
19	Nagaland	80	22	0	73
20	Odisha	4029	4521	3764	3792
21	Punjab	1013	1475	1325	1109
22	Rajasthan	4243	3804	3887	3552
23	Sikkim	125	143	81	154
24	Tamil Nadu	24324	26573	26329	24951
25	Telangana	3937	4307	4738	4453
26	Tripura	561	411	383	262
27	Uttarakhand	378	441	592	342
28	Uttar Pradesh	7710	6263	8003	8223
29	West Bengal	3512	3395	3742	2281
30	Andaman & Nicobar Islands	74	40	27	45
31	Chandigarh	0	0	0	0
32	Dadra & Nagar Haveli	0	0	0	0
33	Daman & Diu	0	0	16	0
34	Delhi	0	0	0	0
35	Lakshadweep	0	0	0	0
36	Puducherry	149	266	391	143
	<b>Total</b>	<b>131959</b>	<b>131809</b>	<b>127470</b>	<b>119582</b>

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



**Total number of Greivous and Minor Injured Persons in Road Accidents on State Highways during the calendar year 2017**

S.No	States/UTs	Greivously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	1530	4216	5746
2	Arunachal Pradesh	59	37	96
3	Assam	1139	331	1470
4	Bihar	1077	538	1615
5	Chhattisgarh	637	2541	3178
6	Goa	41	209	250
7	Gujarat	2805	2096	4901
8	Haryana	540	2217	2757
9	Himachal Pradesh	338	943	1281
10	Jammu & Kashmir	729	323	1052
11	Jharkhand	940	148	1088
12	Karnataka	6430	8473	14903
13	Kerala	5253	2660	7913
14	Madhya Pradesh	2221	13576	15797
15	Maharashtra	5198	2576	7774
16	Manipur	40	206	246
17	Meghalaya	76	41	117
18	Mizoram	10	8	18
19	Nagaland	23	50	73
20	Orissa	1957	1835	3792
21	Punjab	792	317	1109
22	Rajasthan	1043	2509	3552
23	Sikkim	78	76	154
24	Tamil Nadu	2180	22771	24951
25	Telangana	361	4092	4453
26	Tripura	258	4	262
27	Uttarakhand	286	56	342
28	Uttar Pradesh	5840	2383	8223
29	West Bengal	1862	419	2281
30	A & N Islands	21	24	45
31	Chandigarh	0	0	0
32	D & N Haveli	0	0	0
33	Daman & Diu	0	0	0
34	Delhi	0	0	0
35	Lakshadweep	0	0	0
36	Puducherry	55	88	143
	<b>Total</b>	<b>43819</b>	<b>75763</b>	<b>119582</b>

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

**Total number of Road Accidents, Persons Killed and Injured on Other Roads during  
the calendar years 2016 & 2017**

S.No	State/UT	Accidents		Killed		Injured	
		2016	2017	2016	2017	2016	2017
1	2	3	4	5	6	7	8
1	Andhra Pradesh	11078	11526	3518	3350	13707	12793
2	Arunachal Pradesh	79	83	47	35	148	107
3	Assam	1958	2277	596	762	1697	1880
4	Bihar	2650	2714	1451	1600	1954	1966
5	Chhattisgarh	6374	6483	1801	2020	5954	6027
6	Goa	2510	1920	188	165	1384	963
7	Gujarat	10933	9324	3207	2768	9857	8839
8	Haryana	4529	4575	1936	1761	4975	3994
9	Himachal Pradesh	873	877	433	418	1811	1595
10	Jammu & Kashmir	2842	2783	485	415	4095	3813
11	Jharkhand	1293	1692	823	971	1010	1566
12	Karnataka	18008	17132	3921	3715	21252	20816
13	Kerala	23076	22433	2139	1985	25585	24768
14	Madhya Pradesh	28807	27898	4042	4683	29820	30119
15	Maharashtra	20462	18108	5412	5005	18162	16003
16	Manipur	96	62	19	10	162	96
17	Meghalaya	180	136	20	20	111	79
18	Mizoram	10	16	8	16	6	26
19	Nagaland	18	71	11	7	35	34
20	Orissa	2990	2923	1184	1115	3194	2919
21	Punjab	2737	2139	1998	1485	1739	1392
22	Rajasthan	12804	11893	4800	4405	13193	11434
23	Sikkim	50	63	11	21	86	152
24	Tamil Nadu	25453	22339	5138	4574	27990	24352
25	Telangana	12555	12378	3608	3285	12975	12681
26	Tripura	137	99	44	30	166	118
27	Uttarakhand	181	363	154	179	185	349
28	Uttar Pradesh	10819	12921	5641	6216	7896	9039
29	West Bengal	5319	5015	2358	2340	4021	3851
30	Andaman & Nicobar Islands	129	79	9	5	136	95
31	Chandigarh	381	309	127	91	307	273
32	Dadra & Nagar Haveli	70	67	46	43	130	60
33	Daman & Diu	65	70	36	31	86	68
34	Delhi	6652	5918	1353	1317	6504	5844
35	Lakshadweep	1	1	1	0	0	1
36	Puducherry	519	599	78	77	535	659
	<b>Total</b>	<b>216638</b>	<b>207286</b>	<b>56643</b>	<b>54920</b>	<b>220868</b>	<b>208771</b>

**Total number of Greivous and Minor Injured Persons in Road Accidents on all roads during the calendar year 2017**

S.No	States/UTs	Greivously Injured persons	Minor Injured persons	Total Injured persons
1	2	3	4	5
1	Andhra Pradesh	7178	20297	27475
2	Arunachal Pradesh	192	124	316
3	Assam	5011	1152	6163
4	Bihar	4209	1805	6014
5	Chhattisgarh	2157	10393	12550
6	Goa	402	1520	1922
7	Gujarat	8450	8352	16802
8	Haryana	2428	7911	10339
9	Himachal Pradesh	1424	4028	5452
10	Jammu & Kashmir	3805	3614	7419
11	Jharkhand	3197	721	3918
12	Karnataka	22491	30470	52961
13	Kerala	29733	12938	42671
14	Madhya Pradesh	6715	50817	57532
15	Maharashtra	20465	11663	32128
16	Manipur	261	766	1027
17	Meghalaya	253	101	354
18	Mizoram	27	28	55
19	Nagaland	122	253	375
20	Orissa	5911	5287	11198
21	Punjab	3209	1009	4218
22	Rajasthan	6483	15588	22071
23	Sikkim	209	270	479
24	Tamil Nadu	6587	67984	74571
25	Telangana	1723	22267	23990
26	Tripura	710	8	718
27	Uttarakhand	1380	251	1631
28	Uttar Pradesh	19149	8345	27494
29	West Bengal	8186	1905	10091
30	A & N Islands	65	198	263
31	Chandigarh	7	295	302
32	D & N Haveli	55	5	60
33	Daman & Diu	51	19	70
34	Delhi	1080	5524	6604
35	Lakshadweep	1	0	1
36	Puducherry	612	1129	1741
	<b>Total</b>	<b>173938</b>	<b>297037</b>	<b>470975</b>

## Accidents classified according to Road Environment during the calendar year 2017

S.No	States/UTs	Residential Area				Institutional Area				Market/ Commercial area				Open Area				Others			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Andhra Pradesh	5918	1736	1740	4329	1358	492	490	1034	2404	687	787	1618	13275	4347	2903	11126	2772	798	1258	2190
2	Arunachal Pradesh	48	14	29	21	38	19	27	24	35	21	36	26	57	26	59	28	63	30	41	25
3	Assam	1224	439	923	165	584	196	400	123	1324	521	902	213	2456	937	1876	265	1582	690	910	386
4	Bihar	1933	1264	971	343	665	406	316	170	1448	799	766	359	3536	2323	1584	593	1273	762	572	340
5	Chhattisgarh	2856	832	598	2116	682	221	133	523	2134	553	239	1373	5798	1968	814	4714	2093	562	373	1667
6	Goa	1181	94	97	531	120	7	6	31	806	61	75	371	1810	166	224	587	0	0	0	0
7	Gujarat	4368	1351	1852	1758	1586	493	759	768	2430	684	1064	1190	9933	4453	4437	4107	764	308	338	529
8	Haryana	1838	803	323	1325	908	363	224	677	1498	632	292	1122	4774	2096	1092	3162	2240	1226	497	1625
9	Himachal Pradesh	626	233	306	682	141	38	58	171	421	97	174	355	1490	700	663	2387	436	135	223	433
10	Jammu & Kashmir	753	90	250	718	129	15	72	79	636	85	186	490	2977	569	2575	1605	1129	167	722	722
11	Jharkhand	1007	608	427	139	504	264	289	57	1178	671	734	172	1504	952	1013	192	1005	761	734	161
12	Karnataka	3706	648	1914	2211	2123	333	1233	1762	3681	704	2522	2032	32179	8706	16404	23460	853	218	418	1005
13	Kerala	9565	1151	7146	3848	2535	252	2004	873	1689	198	1372	983	24681	2530	19211	7234	0	0	0	0
14	Madhya Pradesh	10796	1852	1479	9855	2010	320	238	1787	6166	775	777	5544	21148	5056	2754	21240	13279	2174	1467	12391
15	Maharashtra	5506	1787	2981	1945	2637	653	1405	819	3908	1226	2216	1088	23802	8598	13863	7811	0	0	0	0
16	Manipur	205	41	43	323	32	7	8	48	107	13	25	150	214	73	169	224	20	2	16	21
17	Meghalaya	100	27	36	11	120	31	47	21	193	49	62	36	163	41	70	18	99	34	38	15
18	Mizoram	27	20	8	12	1	1	7	2	2	2	1	1	18	14	3	3	20	23	8	10
19	Nagaland	91	4	20	54	50	2	17	22	285	16	71	125	68	13	12	32	37	6	2	20
20	Orissa	1741	710	940	831	721	280	449	410	2057	795	1110	809	4433	2174	2345	2320	1903	831	1067	917
21	Punjab	1550	1081	970	198	597	568	251	192	888	517	397	146	3238	2297	1591	473	0	0	0	0
22	Rajasthan	3880	1561	1140	2650	749	251	286	526	2456	858	792	1739	13490	7119	3705	9581	1537	655	560	1092
23	Sikkim	52	12	30	58	6	4	8	10	12	4	13	9	104	54	112	134	22	4	46	59
24	Tamil Nadu	14664	3083	1252	15650	4471	1195	567	4461	9322	2237	1350	8394	32635	8806	2749	35720	4470	836	670	3758
25	Telangana	3532	856	242	3353	1116	294	48	991	3371	654	253	3019	9315	3443	808	10181	5150	1349	372	4723
26	Tripura	174	54	233	1	60	22	75	0	102	29	122	2	167	56	280	5	0	0	0	0
27	Uttarakhand	221	120	142	17	139	77	79	11	281	137	224	37	825	549	760	168	137	59	175	18
28	Uttar Pradesh	6877	3528	3422	1585	4548	2226	2073	1026	6082	2944	3077	1435	13828	7599	7160	2705	7448	3827	3417	1594
29	West Bengal	3353	1532	2271	450	588	268	335	115	1809	831	1168	262	2760	1593	2152	600	3121	1545	2260	478
30	A & N Islands	43	5	12	50	24	2	4	20	53	8	25	31	31	3	11	61	38	3	13	36
31	Chandigarh	51	11	1	40	18	4	1	11	41	10	1	34	231	82	4	209	1	0	0	1
32	D & N Haveli	4	3	4	0	2	1	5	0	3	2	3	0	7	3	6	0	51	34	37	5
33	Daman & Diu	19	4	19	6	5	3	3	1	34	21	11	3	6	3	4	0	15	5	14	9
34	Delhi	982	219	110	979	263	72	56	212	850	157	186	704	3285	897	501	2590	1293	239	227	1039
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
36	Puducherry	321	42	141	191	140	23	48	107	460	61	169	302	531	77	133	341	241	30	121	188
	<b>Total</b>	<b>89212</b>	<b>25815</b>	<b>32072</b>	<b>56445</b>	<b>29670</b>	<b>9403</b>	<b>12021</b>	<b>17084</b>	<b>58166</b>	<b>17059</b>	<b>21202</b>	<b>34174</b>	<b>234769</b>	<b>78323</b>	<b>92047</b>	<b>153876</b>	<b>53093</b>	<b>17313</b>	<b>16597</b>	<b>35457</b>

## Accidents classified according to Road Features during the calendar year 2017

S.No	State/UT	Straight Road				Curved Road				Bridge				Culvert			
		Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	17937	5454	4489	14087	3350	1177	1114	2847	1295	437	362	1044	668	262	255	554
2	Arunachal Pradesh	18	11	21	14	21	12	22	16	27	14	24	17	22	15	23	15
3	Assam	3118	1195	2527	301	740	272	516	80	499	186	303	91	261	106	209	52
4	Bihar	4120	2665	2068	733	1570	956	759	313	569	329	296	113	346	192	176	95
5	Chhattisgarh	7491	2134	1015	5539	1459	387	251	1126	514	140	114	483	307	119	59	223
6	Goa	2987	229	239	1330	917	98	162	175	12	1	1	15	1	0	0	0
7	Gujarat	14036	5241	6323	5652	2192	881	866	1092	783	311	353	376	518	230	215	237
8	Haryana	4918	1251	989	3566	1064	434	269	763	530	214	161	379	136	458	108	160
9	Himachal Pradesh	2016	667	926	2237	763	383	367	1277	18	12	5	15	0	0	0	0
10	Jammu & Kashmir	1189	241	196	1409	487	86	157	528	25	4	9	20	2	0	0	2
11	Jharkhand	1962	1354	1048	220	998	601	602	159	195	99	163	49	213	138	150	49
12	Karnataka	33619	8488	17571	23891	6077	1457	3264	4666	1330	358	715	934	16	3	5	60
13	Kerala	32496	3628	24461	10446	2505	226	2136	995	124	24	104	59	248	23	281	61
14	Madhya Pradesh	28512	5139	3121	27503	3859	850	472	3751	576	131	51	663	1935	327	291	1832
15	Maharashtra	26373	9615	14626	8753	3081	976	1823	803	1130	265	798	349	990	254	625	317
16	Manipur	307	61	80	467	64	11	28	85	27	1	2	36	16	6	2	22
17	Meghalaya	69	20	28	8	59	19	21	9	46	13	16	8	71	19	23	11
18	Mizoram	58	49	20	23	9	8	2	1	0	0	0	0	0	0	0	0
19	Nagaland	295	24	88	141	67	12	4	20	45	1	13	39	35	0	3	7
20	Orissa	5481	2364	2942	2572	1639	719	851	919	381	197	183	220	426	207	213	215
21	Punjab	3968	2770	1965	701	507	472	285	84	350	274	124	60	232	316	174	36
22	Rajasthan	17970	8659	5060	12637	1933	772	610	1510	130	54	45	93	132	56	29	92
23	Sikkim	132	51	181	175	22	10	15	12	0	0	0	0	0	0	0	0
24	Tamil Nadu	44132	10996	4299	45905	11824	3099	1337	12648	3544	885	345	3674	2837	373	316	2996
25	Telangana	13398	4029	1039	13528	1320	445	168	1275	506	178	41	574	250	88	21	315
26	Tripura	366	117	541	8	125	36	147	0	9	7	18	0	2	1	2	0
27	Uttarakhand	615	375	421	41	460	272	481	136	91	64	68	8	39	25	13	4
28	Uttar Pradesh	13971	7516	6965	2707	5692	2795	2772	1157	2331	1230	1254	516	1845	898	910	450
29	West Bengal	11161	5513	7769	1783	291	149	284	78	58	36	36	20	31	23	40	8
30	Andaman & Nicobar Island	152	11	53	150	29	9	10	37	0	0	0	0	0	0	0	0
31	Chandigarh	311	100	7	264	17	3	0	15	4	2	0	4	3	0	0	5
32	Dadra & Nagar Haveli	10	7	8	0	6	4	11	0	6	3	4	0	0	0	0	0
33	Daman & Diu	55	29	36	11	8	3	5	1	2	0	3	1	1	0	1	0
34	Delhi	4016	1047	539	3399	663	136	148	529	230	63	53	171	6	3	0	5
35	Lakshadweep	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	1091	153	437	652	259	44	65	215	127	10	38	106	11	2	3	4
	<b>Total</b>	<b>298351</b>	<b>91203</b>	<b>112099</b>	<b>190853</b>	<b>54077</b>	<b>17814</b>	<b>20024</b>	<b>37322</b>	<b>15514</b>	<b>5543</b>	<b>5702</b>	<b>10137</b>	<b>11600</b>	<b>4144</b>	<b>4147</b>	<b>7827</b>

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## Accidents classified according to Road Features during the calendar year 2017

S.No	State/UT	Pot Holes				Steep Grade				Ongoing Road Works/Under Construction				Others			
		Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Andhra Pradesh	288	108	129	187	127	56	50	103	290	92	100	204	1772	474	679	1271
2	Arunachal Pradesh	12	7	19	12	17	8	17	11	52	20	34	20	72	23	32	19
3	Assam	196	53	138	48	156	45	142	37	283	92	209	97	1917	834	967	446
4	Bihar	208	116	85	75	253	160	97	77	366	188	145	117	1423	948	583	282
5	Chhattisgarh	76	31	17	41	70	31	11	45	586	186	105	369	3060	1108	585	2567
6	Goa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Gujarat	552	228	237	308	364	174	219	233	320	115	133	231	316	109	104	223
8	Haryana	465	522	162	328	168	744	56	175	232	72	74	182	3745	1425	609	2358
9	Himachal Pradesh	19	10	5	14	95	42	48	168	168	72	60	264	35	17	13	53
10	Jammu & Kashmir	0	0	0	0	29	12	17	10	0	0	0	0	3892	583	3426	1645
11	Jharkhand	118	64	76	18	156	67	84	19	234	138	104	38	1322	795	970	169
12	Karnataka	178	47	135	88	369	70	294	285	663	142	442	339	290	44	65	207
13	Kerala	522	52	461	318	2379	162	2081	1007	196	16	209	52	0	0	0	0
14	Madhya Pradesh	1012	141	83	935	817	167	79	737	2672	544	366	2135	14016	2878	2252	13261
15	Maharashtra	2370	726	1480	733	1415	314	915	513	494	114	198	195	0	0	0	0
16	Manipur	3	0	0	5	5	2	0	13	20	0	2	42	136	55	147	96
17	Meghalaya	12	5	4	2	66	17	19	17	71	25	21	13	281	64	121	33
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	4
19	Nagaland	61	3	7	20	18	0	5	14	8	1	0	7	2	0	2	5
20	Orissa	150	73	88	72	190	98	128	151	879	383	527	408	1709	749	979	730
21	Punjab	334	162	151	34	444	185	162	50	438	284	348	44	0	0	0	0
22	Rajasthan	93	37	16	65	179	91	98	86	150	113	46	116	1525	662	579	989
23	Sikkim	0	0	0	0	14	4	3	28	12	5	7	35	16	8	3	20
24	Tamil Nadu	627	173	28	641	348	67	68	307	752	131	100	659	1499	434	96	1154
25	Telangana	33	5	1	37	100	26	12	131	313	106	4	352	6564	1719	437	6055
26	Tripura	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0
27	Uttarakhand	48	27	11	4	22	9	18	5	88	82	75	20	240	88	293	33
28	Uttar Pradesh	1986	987	967	452	1284	683	597	260	2299	1286	1396	525	9375	4729	4288	2278
29	West Bengal	17	10	6	7	19	11	24	2	54	27	27	7	0	0	0	0
30	Andaman & Nicobar Island	0	0	0	0	8	1	2	11	0	0	0	0	0	0	0	0
31	Chandigarh	4	2	0	4	1	0	0	1	0	0	0	0	2	0	0	2
32	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	45	29	32	5
33	Daman & Diu	0	0	0	0	1	0	1	0	0	0	0	0	12	4	5	6
34	Delhi	39	8	10	28	10	2	0	10	153	13	37	140	1556	312	293	1242
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	0	0	0	0	0	0	0	0	28	3	27	16	177	21	42	136
	<b>Total</b>	<b>9423</b>	<b>3597</b>	<b>4316</b>	<b>4476</b>	<b>9124</b>	<b>3248</b>	<b>5247</b>	<b>4506</b>	<b>11822</b>	<b>4250</b>	<b>4798</b>	<b>6627</b>	<b>55000</b>	<b>18115</b>	<b>17607</b>	<b>35289</b>

## Accidents Classified according to Type of Junctions during the calendar year 2017

S.No	States/UTs	T-Junction				Y-Junction				Four arm Junction				Staggered Junction				Round about Junction			
		Total number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Andhra Pradesh	3376	1177	1024	2702	2206	687	625	2027	1999	698	485	1747	2631	944	1073	1866	2114	706	813	1621
2	Arunachal Pradesh	49	22	39	25	40	18	37	21	33	22	36	24	12	5	6	7	13	3	3	6
3	Assam	1022	301	645	214	736	215	564	142	797	244	475	176	421	139	276	47	524	193	381	72
4	Bihar	645	394	261	146	397	240	177	82	435	271	163	89	136	85	61	30	154	90	66	29
5	Chhattisgarh	1622	438	390	1111	851	245	217	497	1221	300	165	688	921	374	163	761	1504	517	278	1017
6	Goa	185	10	15	65	57	4	6	21	188	6	15	45	0	0	0	0	93	7	2	12
7	Gujarat	1526	509	608	699	768	283	283	372	1936	575	750	867	1647	481	720	749	969	287	326	508
8	Haryana	450	221	111	349	324	152	58	210	292	113	78	190	758	315	100	543	184	89	39	108
9	Himachal Pradesh	56	19	36	51	16	2	4	17	11	3	3	11	0	0	0	1	0	0	3	
10	Jammu & Kashmir	568	101	322	551	258	34	155	272	153	30	52	123	49	8	21	26	1901	341	953	1793
11	Jharkhand	523	315	275	67	481	350	253	87	466	281	298	89	563	354	226	22	435	328	511	95
12	Karnataka	2830	533	1443	1616	1810	331	1038	1110	1873	299	990	989	943	207	375	547	1215	225	645	701
13	Kerala	887	86	937	136	649	70	591	126	918	62	691	130	354	23	234	113	271	35	264	51
14	Madhya Pradesh	7687	1279	964	7114	4436	737	455	3998	4971	602	481	4265	1745	301	141	1574	2137	359	206	2087
15	Maharashtra	1708	508	753	759	1208	334	606	477	2197	556	1242	807	527	97	364	151	1127	219	788	326
16	Manipur	115	30	68	151	66	15	18	97	33	10	21	25	0	0	0	22	2	5	14	
17	Meghalaya	95	25	35	10	125	33	48	22	186	56	60	35	166	23	71	18	103	45	39	16
18	Mizoram	12	10	2	4	9	10	2	3	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	10	3	11	11	18	2	9	18	29	11	6	19	3	1	0	0	48	2	1	17
20	Orissa	1508	748	862	760	1307	555	673	567	1176	554	687	561	1015	415	540	440	887	350	532	452
21	Punjab	776	496	339	145	385	264	181	86	481	311	247	96	286	197	157	51	492	277	262	72
22	Rajasthan	2042	777	633	1448	869	399	255	569	1082	429	338	695	1077	545	452	624	861	358	322	493
23	Sikkim	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	15337	3822	1369	16008	5940	1506	549	6617	5870	1313	587	5812	5008	1270	594	5088	2792	807	477	2274
25	Telangana	5366	1627	477	5057	2636	774	260	2420	2332	717	186	2241	4483	1238	283	4845	4462	1288	427	4537
26	Tripura	20	6	27	0	1	0	1	0	1	1	0	0	0	0	0	0	5	0	11	0
27	Uttarakhand	74	30	47	15	91	34	64	10	148	55	99	18	54	29	21	10	70	51	35	4
28	Uttar Pradesh	5034	2591	2378	1138	3977	2094	1968	818	3738	1781	1683	826	2818	1338	1515	683	3550	1765	1689	669
29	West Bengal	1138	494	769	158	607	236	308	95	258	97	158	56	564	302	370	93	247	122	170	84
30	A & N Islands	32	3	11	27	12	1	4	9	3	0	2	0	0	0	0	0	0	0	0	0
31	Chandigarh	27	8	2	23	0	0	0	0	71	19	1	77	29	8	1	26	41	14	1	33
32	D & N Haveli	18	13	22	0	10	9	8	0	6	1	7	3	0	0	0	0	0	0	0	0
33	Daman & Diu	41	20	23	12	10	5	5	4	5	3	3	0	1	0	1	3	1	2	1	1
34	Delhi	1174	268	139	1058	621	130	76	482	1438	366	320	1011	368	77	53	279	545	104	70	483
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	410	55	130	275	327	37	121	211	283	46	114	183	116	14	50	64	146	22	53	83
	<b>Total</b>	<b>56363</b>	<b>16939</b>	<b>15167</b>	<b>41905</b>	<b>31249</b>	<b>9806</b>	<b>9619</b>	<b>21489</b>	<b>34630</b>	<b>9832</b>	<b>10443</b>	<b>21898</b>	<b>26695</b>	<b>8790</b>	<b>7868</b>	<b>18658</b>	<b>26916</b>	<b>8607</b>	<b>9371</b>	<b>17661</b>

## Accidents Classified according to Type of Traffic Control during the calendar year 2017

S.No	States/UTs	Traffic Light Signal				Police Controlled				Stop Sign				Flashing Signal/Blinker				Uncontrolled			
		Total number of Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured	Total number of Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Andhra Pradesh	968	239	266	975	953	282	227	759	854	318	321	690	755	257	322	586	8796	3116	2884	6953
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	22	11	19	17	20	9	21	20	105	50	81	46
3	Assam	224	63	179	106	339	136	352	111	213	71	283	67	252	70	241	107	2472	752	1286	260
4	Bihar	101	59	30	11	410	267	171	75	108	62	41	10	164	98	63	23	984	594	423	257
5	Chhattisgarh	390	50	33	151	1286	230	167	709	158	62	75	105	231	55	99	123	4054	1477	839	2986
6	Goa	38	2	1	3	36	1	2	9	0	0	0	0	1	0	0	0	448	24	35	131
7	Gujarat	646	199	203	318	481	150	185	282	160	44	50	57	341	102	117	187	5218	1640	2132	2351
8	Haryana	122	49	33	99	79	33	10	56	175	67	86	100	359	181	53	153	1273	560	204	992
9	Himachal Pradesh	16	7	6	13	13	4	4	6	3	0	3	1	0	0	0	0	52	13	30	62
10	Jammu & Kashmir	9	1	0	9	129	40	0	199	0	0	0	0	0	0	0	0	2791	473	1503	2557
11	Jharkhand	447	195	254	55	301	220	188	26	413	124	177	60	246	241	137	15	1061	848	807	204
12	Karnataka	1008	64	381	507	928	151	459	551	396	50	193	231	397	39	206	203	5942	1291	3252	3471
13	Kerala	676	41	520	122	289	21	168	92	148	19	158	53	391	36	298	98	1575	159	1573	191
14	Madhya Pradesh	1502	179	111	1236	1360	77	116	1342	1711	144	111	1525	1025	117	68	751	15378	2761	1841	14184
15	Maharashtra	1359	222	878	433	59	5	29	7	276	54	125	175	255	34	105	118	4818	1399	2616	1787
16	Manipur	48	5	18	50	33	4	9	35	16	5	7	22	2	0	0	5	137	43	78	175
17	Meghalaya	77	21	30	7	140	31	52	21	180	52	56	41	167	29	68	14	111	49	47	18
18	Mizoram	0	0	0	0	12	10	0	3	0	0	0	0	0	0	0	0	9	10	4	4
19	Nagaland	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	92	19	27	65
20	Orissa	514	218	267	198	386	160	196	166	490	227	267	216	676	278	291	376	3827	1739	2273	1824
21	Punjab	456	285	204	141	220	150	156	32	210	147	124	69	237	173	96	52	1297	790	606	156
22	Rajasthan	598	180	204	392	160	56	32	108	178	58	42	125	304	81	85	196	4691	2133	1637	3008
23	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
24	Tamil Nadu	3046	727	291	3035	2731	814	289	2356	1620	436	166	1621	2144	335	252	2656	25406	6406	2578	26131
25	Telangana	1330	336	132	1078	497	70	45	540	1136	143	84	1160	785	149	78	795	15531	4946	1294	15527
26	Tripura	0	0	0	0	12	2	17	0	0	0	0	0	0	0	0	0	15	5	22	0
27	Uttarakhand	72	36	48	9	73	29	27	14	46	19	26	13	14	6	11	0	232	109	154	21
28	Uttar Pradesh	1272	584	659	296	1674	823	877	456	2172	1120	1054	576	1167	501	724	296	12832	6541	5919	2510
29	West Bengal	265	64	118	41	705	305	515	89	60	35	31	6	23	7	10	1	1761	840	1101	349
30	A & N Islands	1	0	0	0	5	0	1	3	0	0	0	0	0	0	0	0	41	4	16	33
31	Chandigarh	103	30	2	101	12	5	0	11	0	0	0	0	4	0	0	3	49	14	3	44
32	D & N Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	23	37	3
33	Daman & Diu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	29	34	18
34	Delhi	892	159	147	777	143	31	21	101	346	73	59	241	395	63	50	300	2370	619	381	1894
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	383	43	90	279	95	7	65	51	49	5	24	49	194	35	48	123	561	84	241	314
	<b>Total</b>	<b>16563</b>	<b>4058</b>	<b>5105</b>	<b>10442</b>	<b>13577</b>	<b>4114</b>	<b>4380</b>	<b>8210</b>	<b>11140</b>	<b>3346</b>	<b>3582</b>	<b>7230</b>	<b>10549</b>	<b>2896</b>	<b>3443</b>	<b>7201</b>	<b>124024</b>	<b>39560</b>	<b>35958</b>	<b>88528</b>



## Accidents Classified according to Type of Weather Condition during the calendar year 2017

S.No	States/UTs	Sunny/Clear				Rainy				Foggy & Misty				Hail/Sleet				Others			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	24	25	26	27
1	Andhra Pradesh	20090	6036	4769	15886	1098	365	398	963	1352	457	572	1207	167	127	45	53	3020	1075	1394	2188
2	Arunachal Pradesh	60	26	41	31	48	19	27	29	31	18	29	19	44	24	46	21	58	23	49	24
3	Assam	3423	1269	2719	349	1074	397	693	165	884	329	538	180	72	29	58	11	1717	759	1003	447
4	Bihar	3470	2087	1669	633	1630	1037	751	344	2190	1432	976	445	0	0	0	0	1565	998	813	383
5	Chhattisgarh	7103	2059	1155	5765	2083	526	292	1292	276	127	71	204	157	88	40	112	3944	1336	599	3020
6	Goa	3676	315	385	1428	241	13	17	92	0	0	0	0	0	0	0	0	0	0	0	0
7	Gujarat	15875	5931	7190	6679	1414	562	592	805	795	348	357	309	2	0	3	0	995	448	308	559
8	Haryana	5286	2377	982	3998	1429	614	305	1046	2023	900	487	1257	84	45	36	16	2436	1184	618	1594
9	Himachal Pradesh	2733	1068	1260	3564	161	49	67	235	212	83	94	219	2	1	0	2	6	2	3	8
10	Jammu & Kashmir	4127	656	3243	2035	73	15	22	72	37	12	20	22	21	4	22	23	1366	239	498	1462
11	Jharkhand	2110	1293	1223	268	899	531	540	147	583	383	385	65	83	41	35	23	1523	1008	1014	218
12	Karnataka	34804	8938	18294	24792	4289	977	2332	2997	1399	271	833	990	8	1	2	15	2042	422	1030	1676
13	Kerala	29973	3323	23707	8132	8014	779	5651	4599	483	29	375	207	0	0	0	0	0	0	0	0
14	Madhya Pradesh	39955	7459	4396	37834	3858	764	672	3735	2318	450	697	2085	291	67	26	468	6977	1437	924	6695
15	Maharashtra	33823	11629	19071	10512	1661	519	1093	889	361	111	301	229	8	5	0	33	0	0	0	0
16	Manipur	343	81	146	444	88	16	29	131	67	6	18	99	1	0	0	4	79	33	68	88
17	Meghalaya	31	9	8	7	211	62	98	26	156	28	75	22	59	10	16	11	218	73	56	35
18	Mizoram	59	50	18	17	6	6	7	8	2	3	2	1	0	0	0	0	1	1	0	2
19	Nagaland	179	17	56	115	142	9	31	62	132	11	32	60	9	4	0	0	69	0	3	16
20	Orissa	5079	2234	2715	2682	2123	948	1148	1068	1246	516	741	596	226	107	112	56	2181	985	1195	885
21	Punjab	4160	2948	2051	631	553	419	381	124	1224	866	567	201	336	230	210	53	0	0	0	0
22	Rajasthan	20178	9539	5857	14116	254	113	67	217	203	100	61	167	5	0	2	7	1472	692	496	1081
23	Sikkim	142	53	149	180	3	0	0	4	12	8	3	12	1	1	0	0	38	16	57	74
24	Tamil Nadu	57927	14644	5388	61087	5346	1077	769	5052	2163	390	428	1671	2	2	0	0	124	44	2	174
25	Telangana	14859	4320	1145	14836	268	69	16	246	604	156	49	652	48	13	12	48	6705	2038	501	6485
26	Tripura	452	140	631	6	24	11	38	2	26	9	41	0	1	1	0	0	0	0	0	0
27	Uttarakhand	1016	580	920	181	132	88	100	29	137	103	127	8	1	1	4	0	317	170	229	33
28	Uttar Pradesh	15445	8107	7633	3282	5449	2779	2769	1324	6414	3374	2969	1428	1378	696	785	411	10097	5168	4993	1900
29	West Bengal	9025	4457	6323	1381	397	186	306	95	648	332	486	142	19	8	6	7	1542	786	1065	280
30	A & N Islands	168	20	61	176	21	1	4	22	0	0	0	0	0	0	0	0	0	0	0	0
31	Chandigarh	338	106	7	295	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	D & N Haveli	36	22	26	2	10	5	12	2	16	11	7	1	0	0	0	0	5	5	10	0
33	Daman & Diu	67	30	45	17	4	2	2	0	2	2	0	0	1	1	0	0	5	1	4	2
34	Delhi	3849	944	565	3290	697	150	136	522	856	209	165	699	52	17	14	40	1219	264	200	973
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
36	Puducherry	1031	159	365	733	306	33	110	185	130	16	71	54	0	0	0	0	226	25	66	157
	<b>Total</b>	<b>340892</b>	<b>102926</b>	<b>124213</b>	<b>225384</b>	<b>44010</b>	<b>13142</b>	<b>19475</b>	<b>26529</b>	<b>26982</b>	<b>11090</b>	<b>11577</b>	<b>13251</b>	<b>3078</b>	<b>1523</b>	<b>1474</b>	<b>1414</b>	<b>49948</b>	<b>19232</b>	<b>17199</b>	<b>30459</b>

## Accidents classified according to type of impacting vehicles/ objects : 2017

Sl. No.	States/UTs	Motorised two Wheeler					Auto rickshaw					car/Jeep/Van/Taxi				
		Number of Road Accidents		Number of Persons			Number of Road Accidents		Number of Persons			Number of Road Accidents		Number of Persons		
		Fatal	Total	Killed	Previously Injured	Minor Injured	Fatal	Total	Killed	Previously Injured	Minor Injured	Fatal	Total	Killed	Previously Injured	Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Andhra Pradesh	2286	9409	2343	2143	5569	777	3583	817	1205	4082	1161	4531	1258	1527	4185
2	Arunachal Pradesh	30	62	32	46	21	9	21	9	21	16	22	46	23	51	31
3	Assam	756	2125	772	1234	333	111	480	149	433	97	587	1864	656	1295	288
4	Bihar	1199	2035	1318	885	334	318	631	372	366	187	777	1381	831	784	294
5	Chhattisgarh	1314	4696	1386	760	3252	59	434	52	61	331	503	2534	563	383	2249
6	Goa	155	1567	164	186	850	0	5	0	0	1	76	1474	82	146	411
7	Gujarat	2038	6086	2190	2573	2565	433	1685	498	658	890	1634	4963	1713	2160	2225
8	Haryana	954	2528	1006	700	1591	103	342	113	70	332	1204	3265	1310	650	2486
9	Himachal Pradesh	232	815	336	650	881	6	15	7	3	33	430	1469	519	480	1862
10	Jammu & Kashmir	137	1093	142	595	563	6	80	6	64	58	155	1462	226	910	1052
11	Jharkhand	1059	1718	1065	898	241	188	377	180	337	44	361	618	383	428	79
12	Karnataka	3821	15752	4029	7665	10166	430	2415	481	1556	2143	1850	10286	2120	5705	7402
13	Kerala	1349	14821	1371	11965	3340	297	4402	303	3621	1453	947	11298	1001	8902	4478
14	Madhya Pradesh	2855	21458	3035	2682	19580	227	2707	247	374	2850	1920	11557	2143	1449	11171
15	Maharashtra	3787	11869	4114	6590	3645	580	2331	672	1524	849	1731	7470	1928	4693	2725
16	Manipur	15	141	15	35	188	3	36	3	18	72	37	244	39	71	379
17	Meghalaya	31	117	30	41	14	9	50	17	16	9	60	220	52	75	22
18	Mizoram	9	10	11	3	5	1	1	1	0	0	18	24	20	19	16
19	Nagaland	11	128	11	33	49	1	67	1	28	45	6	157	7	24	83
20	Odisha	1649	3886	1744	2009	1370	172	562	187	401	481	827	2161	919	1157	1182
21	Punjab	1565	2375	1666	1039	313	88	207	150	230	39	1019	1533	1084	860	271
22	Rajasthan	1976	5456	2146	1698	3299	120	402	182	178	394	2815	7206	3199	2199	5198
23	Sikkim	6	24	10	20	9	0	84	50	0	0	40	49	3	124	231
24	Tamil Nadu	5138	25393	5322	2414	23821	460	3000	478	296	3503	3583	18748	3994	2026	21466
25	Telangana	2128	7160	2244	549	6570	475	2263	514	247	3179	901	5455	998	372	5556
26	Tripura	36	144	36	141	2	14	66	14	75	0	55	150	59	264	1
27	Uttarakhand	203	409	219	286	36	13	56	21	68	7	245	548	350	516	131
28	Uttar Pradesh	5364	11329	5805	5329	2333	833	2301	1080	1254	691	3502	7835	4115	3782	1467
29	West Bengal	983	2346	1067	1617	257	92	280	96	220	74	988	2705	1111	2108	468
30	Andaman & Nicobar Islands	7	84	7	35	60	0	8	0	1	14	6	51	7	16	46
31	Chandigarh	14	41	14	0	35	7	23	7	1	19	56	213	59	5	185
32	Dadra & Nagar Haveli	10	15	10	9	0	3	3	3	12	0	2	10	5	14	3
33	Daman & Diu	17	33	17	24	9	1	2	1	2	1	7	27	7	20	8
34	Delhi	307	1700	311	305	1472	50	361	50	67	326	372	1921	373	295	1741
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	93	898	104	347	628	1	71	1	16	39	26	262	26	73	181
	<b>Total</b>	<b>41534</b>	<b>157723</b>	<b>44092</b>	<b>55506</b>	<b>93401</b>	<b>5887</b>	<b>29351</b>	<b>6762</b>	<b>13423</b>	<b>22259</b>	<b>27923</b>	<b>113737</b>	<b>31183</b>	<b>43583</b>	<b>79573</b>

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

## Accidents classified according to type of impacting vehicles/ objects : 2017

Sl. No.	States/UTs	Bus					Truck/Lorry					Heavy Articulated Vehicle/ Trolley					Tempo/Tractor				
		Number of Road		Number of Persons			Number of Road		Number of Persons			Number of Road		Number of Persons			Number of Road		Number of Persons		
		Fatal	Total	Killed	Grievously Injured	Minor Injured	Fatal	Total	Killed	Grievously Injured	Minor Injured	Fatal	Total	Killed	Grievously Injured	Minor Injured	Fatal	Total	Killed	Grievously Injured	Minor Injured
1	2	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
1	Andhra Pradesh	519	1546	597	499	1579	1452	3862	1598	1017	2938	79	168	88	41	119	617	1330	654	409	1147
2	Arunachal Pradesh	6	14	6	19	11	7	15	7	6	10	0	0	0	0	0	5	14	5	9	8
3	Assam	188	598	244	719	135	398	990	452	516	118	58	159	83	93	42	146	373	142	291	53
4	Bihar	511	998	592	562	328	827	1292	881	508	184	205	338	222	131	46	589	1097	653	603	271
5	Chhattisgarh	166	666	188	173	700	597	2033	637	267	1203	163	504	172	90	352	277	707	310	168	578
6	Goa	23	419	27	23	168	40	296	43	39	41	1	19	1	1	3	6	112	6	4	37
7	Gujarat	252	825	293	516	460	1021	2430	1125	1065	939	117	366	142	190	142	515	1296	548	686	598
8	Haryana	224	503	270	100	423	819	1664	828	264	1229	230	542	312	177	336	420	920	434	161	724
9	Himachal Pradesh	53	175	136	95	704	87	387	98	93	285	0	1	0	0	3	49	141	54	45	184
10	Jammu & Kashmir	63	389	95	570	498	94	629	99	311	276	17	96	20	76	54	43	250	63	260	112
11	Jharkhand	101	223	146	258	65	477	670	478	236	34	95	162	101	119	16	211	388	223	250	56
12	Karnataka	719	3239	801	1935	3488	1342	5333	1478	2870	3336	66	318	70	101	220	810	2885	900	1567	2480
13	Kerala	544	3766	608	2331	2092	464	2186	510	1410	851	115	432	117	202	93	199	1565	221	1302	631
14	Madhya Pradesh	495	2908	591	460	4221	1749	6750	2019	826	5399	297	987	338	90	806	986	3328	1051	491	3485
15	Maharashtra	537	1869	628	1607	1026	1640	4542	1770	1994	1379	612	1424	645	648	290	895	2439	979	1447	724
16	Manipur	6	11	18	40	21	35	111	39	41	71	2	3	2	0	6	0	0	0	0	0
17	Meghalaya	6	72	12	46	11	9	51	19	9	16	9	45	16	11	9	9	49	18	17	7
18	Mizoram	5	5	5	0	0	21	27	22	5	7	0	0	0	0	0	1	1	1	0	0
19	Nagaland	2	66	2	4	30	12	107	15	29	46	0	0	0	0	0	1	2	1	3	0
20	Odisha	157	431	184	362	319	808	2009	895	1024	988	162	356	174	184	169	246	550	270	313	351
21	Punjab	252	415	242	278	136	509	729	556	294	117	154	278	209	182	58	178	279	199	156	58
22	Rajasthan	588	1534	773	510	1720	1889	3608	2041	931	2318	100	223	129	80	185	764	1662	833	402	1299
23	Sikkim	1	24	11	38	1	9	10	0	24	26	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	1672	6034	1856	695	8272	2257	7373	2506	790	7034	64	196	64	33	149	770	2419	832	204	2522
25	Telangana	301	1209	337	117	1292	916	3099	1054	204	2871	32	89	35	2	80	368	818	388	71	817
26	Tripura	9	15	10	39	2	28	91	29	130	3	1	3	1	2	0	0	3	0	2	0
27	Uttarakhand	45	129	82	173	35	112	237	150	179	36	7	10	10	7	0	17	42	22	38	2
28	Uttar Pradesh	1159	2577	1406	1576	618	2343	4645	2669	2426	780	609	1472	724	847	322	1015	2471	1198	1221	715
29	West Bengal	299	948	347	1266	419	1078	2699	1225	1744	444	58	115	64	49	15	149	339	156	253	40
30	Andaman & Nicobar Islands	0	19	0	5	62	6	18	6	4	8	0	0	0	0	0	1	9	1	4	8
31	Chandigarh	9	18	9	0	16	7	21	8	1	17	0	1	0	0	2	4	12	4	0	12
32	Dadra & Nagar Havel	2	2	2	0	0	9	12	9	1	0	4	6	4	4	0	1	6	1	9	0
33	Daman & Diu	1	1	1	0	0	5	9	5	1	0	0	0	0	0	0	2	4	2	3	1
34	Delhi	106	364	106	72	260	188	493	192	64	365	34	108	35	16	69	66	301	66	73	249
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	25	133	26	41	89	20	97	20	24	89	2	11	2	10	0	7	49	7	18	27
	<b>Total</b>	<b>9046</b>	<b>32145</b>	<b>10651</b>	<b>15129</b>	<b>29201</b>	<b>21275</b>	<b>58525</b>	<b>23483</b>	<b>19347</b>	<b>33458</b>	<b>3293</b>	<b>8432</b>	<b>3780</b>	<b>3386</b>	<b>3586</b>	<b>9367</b>	<b>25861</b>	<b>10242</b>	<b>10480</b>	<b>17196</b>

## Accidents classified according to type of impacting vehicles/ objects : 2017

Sl. No.	States/UTs	Bicycle					Cycle Rickshaw					Hand Drawn Cart				
		Number of Road Accidents		Number of Persons			Number of Road Accidents		Number of Persons			Number of Road Accidents		Number of Persons		
		Fatal	Total	Killed	Previously Injured	Minor Injured	Fatal	Total	Killed	Previously Injured	Minor Injured	Fatal	Total	Killed	Previously Injured	Minor Injured
1	2	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
1	Andhra Pradesh	16	63	19	9	52	3	7	3	0	6	0	0	0	0	0
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Assam	79	176	121	111	20	8	22	12	12	6	2	3	3	4	2
4	Bihar	111	226	117	79	35	65	136	71	60	25	27	50	27	15	2
5	Chhattisgarh	33	80	36	10	40	1	1	1	0	0	1	2	0	0	1
6	Goa	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0
7	Gujarat	84	218	94	86	96	39	127	43	61	81	27	68	27	23	30
8	Haryana	51	131	55	17	92	10	32	14	7	22	6	12	8	0	9
9	Himachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Jammu & Kashmir	4	27	4	4	32	0	0	0	0	0	0	0	0	0	0
11	Jharkhand	67	150	64	49	19	28	71	57	32	15	10	29	48	20	3
12	Karnataka	8	42	13	24	22	0	0	0	0	0	0	0	0	0	0
13	Kerala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Madhya Pradesh	16	149	17	16	225	0	10	0	0	28	3	27	3	3	34
15	Maharashtra	90	259	90	99	88	32	76	32	20	32	12	46	25	12	33
16	Manipur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Meghalaya	1	14	9	2	3	1	10	7	2	4	0	0	0	0	0
18	Mizoram	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
20	Odisha	63	135	64	55	52	2	7	3	3	4	0	0	0	0	0
21	Punjab	211	265	204	135	7	124	143	116	20	8	4	8	2	2	0
22	Rajasthan	3	9	3	4	2	1	1	1	2	0	0	0	0	0	0
23	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	151	459	152	35	339	0	0	0	0	0	9	33	9	0	42
25	Telangana	21	64	21	12	33	3	5	3	2	1	0	3	0	0	6
26	Tripura	1	13	1	24	0	0	0	0	0	0	0	0	0	0	0
27	Uttarakhand	14	35	14	21	0	0	0	0	0	0	0	0	0	0	0
28	Uttar Pradesh	527	1265	562	649	315	167	468	184	203	151	26	108	33	46	30
29	West Bengal	39	105	41	64	8	18	50	18	48	4	0	2	0	2	1
30	Andaman & Nicobar Islands	0	0	0	0	0	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
32	Dadra & Nagar Haveli	1	1	1	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
34	Delhi	28	117	31	20	83	23	81	25	12	55	2	42	2	2	40
35	Lakshadweep	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	8	53	8	22	28	0	0	0	0	0	0	0	0	0	0
	Total	1627	4060	1741	1548	1593	525	1247	590	484	442	129	433	187	129	233

## Accidents classified according to type of impacting vehicles/ objects : 2017

Sl. No.	States/UTs	Animal Drawn Cart					Others*				
		Number of Road Accidents		Number of Persons			Number of Road Accidents		Number of Persons		
		Fatal	Total	Killed	Greviously Injured	Minor Injured	Fatal	Total	Killed	Greviously Injured	Minor Injured
1	2	53	54	55	56	57	68	69	70	71	72
1	Andhra Pradesh	4	5	4	0	5	650	1223	679	328	615
2	Arunachal Pradesh	0	0	0	0	0	24	69	28	40	27
3	Assam	0	1	0	1	0	141	379	149	302	58
4	Bihar	29	63	33	22	9	387	608	437	194	90
5	Chhattisgarh	2	9	2	1	1	762	1897	789	244	1686
6	Goa	0	0	0	0	0	5	22	5	3	7
7	Gujarat	22	43	22	9	18	557	974	594	423	308
8	Haryana	4	45	11	16	52	675	1274	759	266	615
9	Himachal Pradesh	0	0	0	0	0	50	111	53	58	76
10	Jammu & Kashmir	2	10	0	2	8	244	1588	271	1013	961
11	Jharkhand	37	85	23	92	2	400	707	488	478	147
12	Karnataka	1	10	1	8	2	692	2262	716	1060	1211
13	Kerala	0	0	0	0	0	0	0	0	0	0
14	Madhya Pradesh	8	20	10	1	24	702	3498	723	323	2994
15	Maharashtra	5	38	5	8	31	1299	3490	1376	1823	841
16	Manipur	0	0	0	0	0	9	32	20	56	29
17	Meghalaya	0	0	0	0	0	5	47	2	34	6
18	Mizoram	0	0	0	0	0	0	0	0	0	0
19	Nagaland	0	0	0	0	0	2	4	4	1	0
20	Odisha	0	6	0	0	8	286	752	350	403	363
21	Punjab	35	41	35	13	2	0	0	0	0	0
22	Rajasthan	10	14	12	0	7	1034	1997	1125	479	1166
23	Sikkim	0	0	0	0	0	4	5	4	3	3
24	Tamil Nadu	8	10	8	0	1	949	1897	936	94	835
25	Telangana	5	10	6	0	8	960	2309	996	147	1854
26	Tripura	0	0	0	0	0	9	18	11	33	0
27	Uttarakhand	0	0	0	0	0	71	137	74	92	4
28	Uttar Pradesh	73	225	108	122	88	2088	4087	2240	1694	835
29	West Bengal	0	1	0	0	0	1495	2041	1644	815	175
30	Andaman & Nicobar	0	0	0	0	0	0	0	0	0	0
31	Chandigarh	0	0	0	0	0	6	13	6	0	9
32	Dadra & Nagar Have	0	0	0	0	0	8	12	8	6	2
33	Daman & Diu	0	0	0	0	0	3	3	3	1	0
34	Delhi	0	0	0	0	0	389	1185	393	154	864
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0
36	Puducherry	0	0	0	0	2	39	119	39	61	46
	<b>Total</b>	<b>245</b>	<b>636</b>	<b>280</b>	<b>295</b>	<b>268</b>	<b>13945</b>	<b>32760</b>	<b>14922</b>	<b>10628</b>	<b>15827</b>

\* Includes Pedestrian, animal, tree and other fixed objects

## Accidents Classified according to Age of impacting Vehicles during the calendar year 2017

S.No	States/UTs	Less than 5 years				5 - 10 Years				10 - 15 Years				15 Years and above				Age not known			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Andhra Pradesh	9287	2725	2787	7336	9341	2859	2498	7052	2942	838	782	2766	2191	817	508	1899	1966	821	603	1244
2	Arunachal Pradesh	37	17	41	24	43	18	31	22	46	22	47	31	52	24	28	21	63	29	45	26
3	Assam	2723	940	1882	308	1898	727	1423	303	808	326	559	169	476	194	338	196	1265	596	809	176
4	Bihar	2814	1660	1366	631	2135	1416	1099	446	1308	824	573	288	1546	965	679	269	1052	689	492	171
5	Chhattisgarh	5229	1482	734	3731	3978	1230	645	2933	1980	515	219	1341	791	285	125	636	1585	624	434	1752
6	Goa	1858	135	198	773	1551	126	156	591	391	46	37	128	99	13	9	25	18	8	2	3
7	Gujarat	5353	1971	2051	2363	5403	1984	2607	2340	2441	952	1098	1087	3023	1036	1362	1483	2861	1346	1332	1079
8	Haryana	1642	744	500	1029	1382	609	364	967	617	237	126	556	824	380	136	569	6793	3150	1302	4790
9	Himachal Pradesh *	680	299	299	940	334	106	163	522	99	29	40	139	58	22	19	76	1943	747	903	2351
10	Jammu & Kashmir	1661	268	1115	1146	1921	311	934	1499	491	78	373	430	46	7	2	80	1505	262	1381	459
11	Jharkhand	1449	844	745	145	1114	732	612	96	687	514	382	732	98	476	272	362	1472	894	1096	284
12	Karnataka	17762	4238	9113	12940	13055	3343	7006	9367	6363	1517	3636	4622	3025	764	1655	2240	2337	747	1081	1301
13	Kerala	18774	2001	14305	6277	11968	1225	9047	3861	3923	506	3101	1319	3472	356	2963	1178	333	43	317	303
14	Madhya Pradesh	19353	3691	2611	19082	15359	3216	1487	14846	7024	1353	1092	6345	6815	969	899	5975	4848	948	626	4569
15	Maharashtra	11415	4232	6853	3649	13491	4445	7423	4304	6746	2109	3661	2341	2369	810	1494	819	1832	668	1034	550
16	Manipur	201	45	113	258	139	30	27	237	131	20	25	196	48	15	28	52	59	26	68	23
17	Meghalaya	47	12	26	5	238	66	92	32	291	86	96	41	24	6	8	4	75	12	31	19
18	Mizoram	23	22	5	16	37	30	19	5	8	8	3	7	0	0	0	0	0	0	0	0
19	Nagaland	74	10	22	35	84	15	26	58	35	2	15	21	184	7	4	54	154	7	55	85
20	Orissa	4349	1842	2408	2002	3190	1416	1647	1522	1513	615	908	910	1032	524	548	539	771	393	400	314
21	Punjab	1739	1280	960	252	1590	1122	761	264	999	650	486	207	868	526	508	137	1077	885	494	149
22	Rajasthan	9138	4050	2787	6296	7157	3505	2057	5135	3392	1708	1042	2424	1259	610	384	1008	1166	571	213	725
23	Sikkim	68	24	69	67	74	35	64	100	33	10	28	71	14	7	44	29	7	2	4	3
24	Tamil Nadu	31610	6822	3328	32225	18023	4530	1716	18666	8251	2498	891	8883	4657	1100	406	5837	3021	1207	246	2373
25	Telangana	9895	2686	804	9646	6763	2173	597	6732	2731	781	178	2640	1115	263	30	1142	1980	693	114	2107
26	Tripura	247	82	325	5	175	53	266	2	47	14	80	1	18	5	25	0	16	7	14	0
27	Uttarakhand	293	209	263	40	325	225	282	51	281	133	208	36	314	160	181	31	390	215	446	93
28	Uttar Pradesh	10662	5578	5364	2352	9429	5099	4817	1995	6760	3501	3272	1565	6373	3275	2845	1274	5559	2671	2851	1159
29	West Bengal	1217	660	790	203	1678	851	1309	326	313	164	263	67	681	392	599	204	7742	3702	5225	1105
30	A & N Islands	104	17	35	96	38	0	15	26	25	2	7	33	22	2	8	43	0	0	0	0
31	Chandigarh	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
32	D & N Haveli	21	15	17	1	24	8	22	3	11	9	11	1	3	3	5	0	8	8	0	0
33	Daman & Diu	28	11	22	12	38	16	24	6	4	3	2	0	0	0	0	0	9	6	3	1
34	Delhi*	1229	253	177	1117	1029	261	138	896	454	91	89	376	742	215	96	618	3219	764	580	2517
35	Lakshadweep	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	669	80	296	377	390	60	124	273	271	32	93	203	322	56	80	253	41	5	19	23
	<b>Total</b>	<b>171651</b>	<b>48945</b>	<b>62411</b>	<b>115379</b>	<b>133395</b>	<b>41842</b>	<b>49499</b>	<b>85478</b>	<b>61416</b>	<b>20193</b>	<b>23423</b>	<b>39342</b>	<b>42939</b>	<b>14080</b>	<b>16378</b>	<b>26789</b>	<b>55167</b>	<b>22746</b>	<b>22220</b>	<b>29754</b>

NR : Not Reported

## Annexure - 26

## Accidents classified according to Load Condition of Involved Vehicle

Sl. No.	States/UTs	Normally Loaded				Overloaded/Hanging			
		No. of Accidents	No. of Persons			No. of Accidents	No. of Persons		
			Killed	Greviously Injured	Minor Injured		Killed	Greviously Injured	Minor Injured
2	3	4	5	6	7	8	9	10	
1	Andhra Pradesh	14802	4485	3523	13003	2426	890	1018	2501
2	Arunachal Pradesh	40	19	49	31	62	22	56	44
3	Assam	3898	1483	2634	510	897	304	652	212
4	Bihar	3793	2375	1728	710	3038	1918	1434	652
5	Chhattisgarh	5592	1634	981	4186	510	249	98	413
6	Goa	3905	326	400	1517	12	2	2	3
7	Gujarat	11785	4127	5015	4670	981	424	580	334
8	Haryana	931	433	374	537	432	205	214	211
9	Himachal Pradesh	2691	1010	1204	3386	212	126	134	519
10	Jammu & Kashmir	1127	252	414	886	843	145	777	304
11	Jharkhand	1512	1044	978	206	1460	812	730	213
12	Karnataka	32040	7945	17020	22653	3416	791	1664	3138
13	Kerala	34403	3625	26579	11566	1279	216	827	697
14	Madhya Pradesh	25218	4877	2953	25715	8516	1621	1181	8190
15	Maharashtra	19617	6492	10960	6918	4054	1560	2422	1351
16	Manipur	137	56	28	161	144	25	59	246
17	Meghalaya	207	39	95	23	211	72	75	28
18	Mizoram	1	1	0	0	8	7	0	0
19	Nagaland	87	10	13	31	21	2	0	14
20	Odisha	5588	2407	3078	2684	3768	1747	2081	2064
21	Punjab	3124	2167	1639	658	809	561	332	130
22	Rajasthan	16365	7636	4754	11560	1400	811	416	1226
23	Sikkim	152	68	134	229	15	8	57	10
24	Tamil Nadu	46297	11079	4214	49097	7608	1925	789	8050
25	Telangana	13235	3689	1066	13026	2343	780	116	2871
26	Tripura	267	92	413	6	61	23	84	0
27	Uttarakhand	1093	617	1055	197	200	149	177	29
28	Uttar Pradesh	16764	8758	7808	3749	9958	5220	5278	2050
29	West Bengal	1232	555	1074	351	199	110	197	30
30	Andaman & Nicobar Islands	189	21	65	198	0	0	0	0
31	Chandigarh	282	83	5	246	3	3	0	8
32	Dadra & Nagar Haveli	15	15	33	2	11	3	4	1
33	Daman & Diu	37	16	26	10	2	0	1	0
34	Delhi	2604	609	397	2090	395	96	64	330
35	Lakshadweep	1	0	1	0	0	0	0	0
36	Puducherry	728	89	330	460	218	21	98	114
<b>Total</b>		<b>269759</b>	<b>78134</b>	<b>101040</b>	<b>181272</b>	<b>55512</b>	<b>20848</b>	<b>21617</b>	<b>35983</b>

## Male and Female Persons Killed in Road Accidents in terms of Road User categories in 2017

S.no	States/Uts	Pedestrian			Bicycles			Two Wheelers			Auto Rickshaws			Cars, taxis 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
1	Andhra Pradesh	1074	305	1379	262	37	299	2413	224	2637	699	150	849	768	170	938
2	Arunachal Pradesh	3	0	3	0	0	0	31	2	33	14	0	14	31	3	34
3	Assam	434	104	538	133	9	142	637	83	720	133	16	149	432	46	478
4	Bihar	614	155	769	92	25	117	1180	138	1318	320	52	372	675	156	831
5	Chhattisgarh	376	91	467	31	5	36	1279	107	1386	41	11	52	453	110	563
6	Goa	39	8	47	9	0	9	213	19	232	0	0	0	23	8	31
7	Gujarat	785	200	985	150	20	170	1840	350	2190	404	94	498	1380	333	1713
8	Haryana	922	149	1071	123	9	132	1410	148	1558	137	42	179	637	92	729
9	Himachal Pradesh	131	40	171	6	0	6	280	26	306	7	0	7	411	59	470
10	Jammu & Kashmir	40	22	62	1	0	1	186	17	203	14	0	14	219	44	263
11	Jharkhand	249	13	262	36	0	36	1336	27	1363	199	0	199	514	13	527
12	Karnataka	828	226	1054	28	0	28	3578	401	3979	415	107	522	1794	344	2138
13	Kerala	1067	265	1332	102	20	122	1640	210	1850	163	45	208	204	107	311
14	Madhya Pradesh	1025	255	1280	166	11	177	3299	434	3733	195	44	239	1442	250	1692
15	Maharashtra	1503	328	1831	149	27	176	4149	510	4659	702	58	760	1478	326	1804
16	Manipur	11	4	15	2	0	2	21	6	27	9	1	10	23	0	23
17	Meghalaya	29	17	46	2	0	2	24	6	30	17	0	17	43	9	52
18	Mizoram	11	7	18	4	3	7	9	0	9	0	0	0	5	2	7
19	Nagaland	5	0	5	0	0	0	9	0	9	2	0	2	8	0	8
20	Orissa	457	76	533	87	26	113	1432	137	1569	221	52	273	807	149	956
21	Punjab	235	30	265	125	6	131	1660	193	1853	71	11	82	1005	159	1164
22	Rajasthan	720	143	863	102	7	109	2508	342	2850	336	53	389	2412	382	2794
23	Sikkim	7	3	10	0	0	0	11	1	12	0	0	0	28	1	29
24	Tamil Nadu	2630	877	3507	530	25	555	5718	611	6329	343	84	427	2259	421	2680
25	Telangana	777	195	972	23	0	23	2003	222	2225	397	100	497	795	162	957
26	Tripura	46	11	57	2	0	2	35	3	38	9	0	9	16	3	19
27	Uttarakhand	105	22	127	17	0	17	185	31	216	12	8	20	273	49	322
28	Uttar Pradesh	965	227	1192	847	147	994	4954	745	5699	1004	192	1196	3344	570	3914
29	West Bengal	700	339	1039	39	10	49	963	104	1067	70	26	96	1030	81	1111
30	A & N Islands	6	3	9	0	0	0	8	0	8	0	0	0	1	1	2
31	Chandigarh	24	8	32	12	1	13	39	7	46	6	2	8	6	0	6
32	D & N Haveli	2	0	2	0	0	0	13	3	16	10	4	14	3	1	4
33	Daman & Diu	6	3	9	1	0	1	21	0	21	2	0	2	1	0	1
34	Delhi	353	70	423	74	5	79	404	33	437	57	4	61	264	28	292
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	71	11	82	10	1	11	105	13	118	2	0	2	5	1	6
	<b>Total</b>	<b>16250</b>	<b>4207</b>	<b>20457</b>	<b>3165</b>	<b>394</b>	<b>3559</b>	<b>43593</b>	<b>5153</b>	<b>48746</b>	<b>6011</b>	<b>1156</b>	<b>7167</b>	<b>22789</b>	<b>4080</b>	<b>26869</b>

Continued..



## Male and Female Persons Killed in Road Accidents in terms of Road User categories in 2017

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	2	18	19	20	21	22	23	24	25	26	27	28	29
1	Andhra Pradesh	865	102	967	289	62	351	479	82	561	70	9	79
2	Arunachal Pradesh	9	0	9	14	0	14	3	0	3	0	0	0
3	Assam	274	6	280	225	36	261	197	18	215	0	0	0
4	Bihar	827	29	856	506	86	592	249	10	259	375	65	440
5	Chhattisgarh	592	45	637	155	33	188	747	60	807	0	0	0
6	Goa	5	0	5	1	0	1	0	0	0	3	0	3
7	Gujarat	1000	125	1125	244	49	293	193	54	247	52	16	68
8	Haryana	355	21	376	157	35	192	806	77	883	0	0	0
9	Himachal Pradesh	59	7	66	77	38	115	50	6	56	6	0	6
10	Jammu & Kashmir	88	5	93	70	11	81	174	35	209	0	0	0
11	Jharkhand	209	0	209	237	198	435	225	0	225	0	0	0
12	Karnataka	1277	126	1403	597	111	708	355	51	406	335	36	371
13	Kerala	138	17	155	64	33	97	21	4	25	22	9	31
14	Madhya Pradesh	1111	88	1199	360	98	458	1044	153	1197	138	64	202
15	Maharashtra	1185	33	1218	411	65	476	1012	135	1147	186	7	193
16	Manipur	22	1	23	14	2	16	18	1	19	1	0	1
17	Meghalaya	9	0	9	10	2	12	10	4	14	0	0	0
18	Mizoram	6	1	7	1	0	1	3	2	5	4	2	6
19	Nagaland	10	0	10	0	0	0	7	0	7	0	0	0
20	Orissa	525	45	570	204	88	292	424	60	484	0	0	0
21	Punjab	328	20	348	166	40	206	302	21	323	77	14	91
22	Rajasthan	1379	86	1465	566	101	667	1068	135	1203	94	10	104
23	Sikkim	0	0	0	21	0	21	6	0	6	0	0	0
24	Tamil Nadu	1195	109	1304	961	235	1196	11	61	72	87	1	88
25	Telangana	932	84	1016	265	33	298	537	71	608	0	0	0
26	Tripura	23	0	23	5	1	6	7	0	7	0	0	0
27	Uttarakhand	119	8	127	50	29	79	26	6	32	2	0	2
28	Uttar Pradesh	2194	166	2360	1297	315	1612	1726	336	2062	886	209	1095
29	West Bengal	1129	96	1225	304	43	347	210	10	220	519	96	615
30	A & N Islands	0	0	0	0	0	0	2	0	2	0	0	0
31	Chandigarh	1	0	1	0	0	0	1	0	1	0	0	0
32	D & N Haveli	0	0	0	0	0	0	3	0	3	4	0	4
33	Daman & Diu	2	0	2	0	0	0	0	0	0	0	0	0
34	Delhi	61	5	66	43	5	48	95	7	102	66	10	76
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	4	0	4	5	1	6	0	0	0	3	1	4
	<b>Total</b>	<b>15933</b>	<b>1225</b>	<b>17158</b>	<b>7319</b>	<b>1750</b>	<b>9069</b>	<b>10011</b>	<b>1399</b>	<b>11410</b>	<b>2930</b>	<b>549</b>	<b>3479</b>

## Accidents Victims Killed according to classification of age and sex 2017

S No.	States/Uts	Less than 18		18-25		25-35		35-45		45-60		60 and Above	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	Andhra Pradesh	304	110	1203	137	1741	220	1600	238	1472	251	599	185
2	Arunachal Pradesh	9	3	31	4	32	6	18	1	6	0	0	0
3	Assam	217	51	758	104	732	96	547	43	188	20	23	4
4	Bihar	472	139	1318	163	1250	162	970	119	662	107	166	26
5	Chhattisgarh	203	44	930	101	1057	89	933	116	454	71	97	41
6	Goa	7	3	49	5	72	10	68	8	66	6	31	3
7	Gujarat	304	110	1155	204	1948	299	1476	266	1030	208	218	71
8	Haryana	275	70	990	147	1230	188	910	109	515	85	560	41
9	Himachal Pradesh	73	29	210	15	279	32	194	29	177	43	95	27
10	Jammu & Kashmir	26	5	273	58	393	64	91	6	9	1	0	0
11	Jharkhand	69	2	870	10	669	12	629	10	687	10	278	10
12	Karnataka	361	103	2204	266	2601	334	2336	333	1341	290	364	76
13	Kerala	176	55	544	113	561	102	673	104	755	164	712	172
14	Madhya Pradesh	806	156	2032	257	2671	343	1875	295	1021	161	452	108
15	Maharashtra	334	102	2660	325	3109	398	2521	343	1594	185	499	122
16	Manipur	1	0	25	2	46	5	27	1	17	7	5	0
17	Meghalaya	0	0	27	13	52	12	43	10	17	3	5	0
18	Mizoram	10	4	14	7	5	4	7	5	1	1	1	1
19	Nagaland	0	0	2	0	28	0	11	0	0	0	0	0
20	Orissa	132	41	1011	134	1271	192	1024	151	588	88	131	27
21	Punjab	176	46	832	130	1166	148	972	116	626	84	151	16
22	Rajasthan	378	98	2809	303	2705	403	2021	288	1055	152	201	31
23	Sikkim	6	3	16	7	18	4	11	1	7	1	4	0
24	Tamil Nadu	423	146	2709	339	3200	492	3325	576	2609	511	1441	387
25	Telangana	241	43	1106	138	1592	219	1393	240	1016	152	381	75
26	Tripura	10	3	30	4	40	5	31	3	24	2	8	1
27	Uttarakhand	50	15	194	35	223	35	175	24	112	33	38	8
28	Uttar Pradesh	1841	476	4466	835	4433	721	3426	585	2115	362	702	162
29	West Bengal	441	82	1298	194	1044	169	866	192	792	198	428	65
30	Andaman & Nicobar Islands	0	2	2	0	8	2	4	0	3	0	0	0
31	Chandigarh	3	2	18	4	23	5	15	1	20	5	10	1
32	Dadra & Nagar Haveli	1	1	3	2	10	4	10	0	9	0	2	1
33	Daman & Diu	1	1	13	0	10	1	6	1	2	0	1	0
34	Delhi	75	18	327	37	484	38	302	31	183	20	55	14
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	18	2	19	3	25	7	28	5	62	6	38	13
	<b>Total</b>	<b>7443</b>	<b>1965</b>	<b>30148</b>	<b>4096</b>	<b>34728</b>	<b>4821</b>	<b>28538</b>	<b>4250</b>	<b>19235</b>	<b>3227</b>	<b>7696</b>	<b>1688</b>

## Accidents Classified according to Type of Traffic Violations during the calendar year 2017

S.No	States/UTs	Over-Speeding				Drunken Driving/ Consumption of alcohol & drug				Driving on Wrong side				Jumping Red Light			
		Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accident	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	20612	6768	5997	17500	2064	156	72	394	1073	315	508	977	194	104	60	135
2	Arunachal Pradesh	31	17	15	5	19	13	14	7	41	16	39	31	0	0	0	0
3	Assam	4590	1721	3295	589	373	142	272	81	579	212	358	123	98	27	52	26
4	Bihar	5749	3716	2863	1016	0	0	0	0	1290	752	670	327	318	184	103	36
5	Chhattisgarh	8912	2592	1256	6781	86	17	23	96	1357	332	283	1092	372	60	12	350
6	Goa	3536	316	361	1386	10	0	1	6	88	10	28	10	4	0	0	1
7	Gujarat	15759	5948	6912	6954	65	18	23	68	951	377	565	472	46	21	34	11
8	Haryana	4481	1962	880	3361	180	86	61	107	432	185	195	256	147	53	27	107
9	Himachal Pradesh	628	256	275	779	214	89	123	334	1882	688	810	2294	0	0	0	0
10	Jammu & Kashmir	2947	531	1161	2705	1	0	1	0	65	11	53	18	0	0	0	0
11	Jharkhand	2629	1800	1599	322	801	430	396	116	379	218	239	62	169	120	73	28
12	Karnataka	37984	9584	20133	27145	169	23	109	103	1422	207	787	1282	105	11	78	46
13	Kerala	34119	3679	26891	10824	133	7	19	159	1254	109	953	478	406	23	182	230
14	Madhya Pradesh	37513	7846	4949	36296	1049	217	138	1083	4024	610	449	3636	277	62	46	218
15	Maharashtra	25164	8819	14725	8548	863	293	545	285	2411	657	1234	606	119	40	67	28
16	Manipur	156	42	59	221	44	9	1	70	56	5	4	85	0	0	0	0
17	Meghalaya	65	17	21	12	132	89	34	19	151	32	68	21	104	7	39	24
18	Mizoram	16	12	2	6	16	13	12	9	3	2	2	0	0	0	0	0
19	Nagaland	170	15	58	66	157	3	35	85	36	2	0	8	0	0	0	0
20	Orissa	5867	2612	3198	2990	1533	735	742	684	842	368	495	489	174	62	85	59
21	Punjab	3323	2363	1678	576	129	95	57	13	602	387	335	150	84	67	72	25
22	Rajasthan	16809	8247	5101	12079	421	142	103	246	1076	474	304	775	15	3	0	9
23	Sikkim	79	48	98	94	32	5	12	32	11	3	9	17	0	0	0	0
24	Tamil Nadu	51565	12570	4679	55177	1833	403	271	1835	3116	656	262	3404	2381	405	614	1901
25	Telangana	21135	6082	1654	20939	163	34	4	114	263	67	20	285	0	0	0	0
26	Tripura	432	132	626	5	11	2	17	0	47	20	47	3	0	0	0	0
27	Uttarakhand	1095	692	862	93	56	30	28	8	109	43	85	13	14	4	12	3
28	Uttar Pradesh	14276	7446	7019	2634	3336	1687	1756	768	4835	2562	2533	1076	912	444	524	276
29	West Bengal	3926	1882	3080	538	16	2	10	3	278	121	220	97	122	68	88	40
30	A & N Islands	133	15	43	165	13	2	6	6	18	1	8	11	0	0	0	0
31	Chandigarh	325	102	7	284	10	3	0	3	2	1	0	4	4	1	0	3
32	D & N Haveli	43	25	23	3	1	4	4	1	3	1	2	0	0	0	0	0
33	Daman & Diu	61	30	35	13	12	3	13	4	4	2	1	1	0	0	0	0
34	Delhi	2664	651	249	2479	124	24	21	105	308	51	55	246	255	60	42	208
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	654	75	287	407	5	0	3	6	140	30	28	126	4	0	1	2
	<b>Total</b>	<b>327448</b>	<b>98613</b>	<b>120091</b>	<b>222992</b>	<b>14071</b>	<b>4776</b>	<b>4926</b>	<b>6850</b>	<b>29148</b>	<b>9527</b>	<b>11649</b>	<b>18475</b>	<b>6324</b>	<b>1826</b>	<b>2211</b>	<b>3766</b>

## Accidents Classified according to Type of Traffic Violations during the calendar year 2017

S.No	States/UTs	Use of Mobile Phone				No Violation				Not Known			
		Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Number of Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	19	20	21	22	23	24	25	26	27	28	29	30
1	Andhra Pradesh	108	51	49	60	502	151	146	431	1174	515	346	800
2	Arunachal Pradesh	0	0	0	0	63	24	61	39	87	40	63	42
3	Assam	200	74	154	45	259	91	210	15	1071	516	670	273
4	Bihar	408	217	153	101	335	206	151	85	755	479	269	240
5	Chhattisgarh	127	28	41	162	482	213	81	326	2227	894	461	1586
6	Goa	0	0	0	0	279	2	12	117	0	0	0	0
7	Gujarat	169	59	91	64	350	192	203	137	1741	674	622	646
8	Haryana	89	40	42	48	220	115	31	170	5709	2679	1192	3862
9	Himachal Pradesh	19	8	7	34	371	162	209	587	0	0	0	0
10	Jammu & Kashmir	1	0	0	0	0	0	0	0	2610	384	2590	891
11	Jharkhand	226	77	143	37	144	87	84	19	850	524	663	137
12	Karnataka	97	31	54	152	397	78	254	359	2368	675	1076	1383
13	Kerala	1	0	1	0	50	301	1662	1217	2507	12	25	30
14	Madhya Pradesh	717	114	86	926	335	65	84	321	9484	1263	963	8337
15	Maharashtra	745	282	416	119	869	303	543	281	5682	1870	2935	1796
16	Manipur	53	6	0	86	2	1	3	0	267	73	194	304
17	Meghalaya	99	21	24	18	0	0	0	0	124	16	67	7
18	Mizoram	0	0	0	0	0	0	0	0	33	33	11	13
19	Nagaland	23	0	0	0	64	5	3	61	81	16	26	33
20	Orissa	691	257	434	342	219	81	154	107	1529	675	803	616
21	Punjab	86	52	60	33	140	122	97	39	1909	1377	910	173
22	Rajasthan	24	6	10	18	1740	704	388	985	2027	868	577	1476
23	Sikkim	1	1	1	0	18	0	51	49	55	21	38	78
24	Tamil Nadu	1189	242	278	1007	3125	885	187	3117	2354	996	297	1543
25	Telangana	85	35	0	85	70	58	7	52	768	320	38	792
26	Tripura	0	0	0	0	13	7	20	0	0	0	0	0
27	Uttarakhand	41	22	29	10	90	36	128	37	198	115	236	87
28	Uttar Pradesh	3219	1512	1537	769	2075	1055	1118	534	10130	5418	4662	2288
29	West Bengal	67	33	57	5	912	397	767	194	6310	3266	3964	1028
30	A & N Islands	0	0	0	0	25	3	8	16	0	0	0	0
31	Chandigarh	1	0	0	1	0	0	0	0	0	0	0	0
32	D & N Haveli	0	0	0	0	0	0	0	0	20	13	26	1
33	Daman & Diu	1	1	1	0	0	0	0	0	1	0	1	1
34	Delhi	39	3	0	40	176	60	22	119	3107	735	691	2327
35	Lakshadweep	0	0	0	0	1	0	1	0	0	0	0	0
36	Puducherry	0	0	0	0	871	122	291	575	19	6	2	13
	<b>Total</b>	<b>8526</b>	<b>3172</b>	<b>3668</b>	<b>4162</b>	<b>14197</b>	<b>5526</b>	<b>6976</b>	<b>9989</b>	<b>65197</b>	<b>24473</b>	<b>24418</b>	<b>30803</b>

**Annexure - 30**

**Accidents classified according to Licence of Drivers during the calendar year 2017**

S.no	States	Valid Permanent License	Learner's Licence	Without Licence	Licence not known
1	2	3	4	5	6
1	Andhra Pradesh	20848	1193	3686	
2	Arunachal Pradesh	100	85	56	
3	Assam	6204	513	453	
4	Bihar	7120	1310	425	
5	Chhattisgarh	8918	2360	2285	
6	Goa	3798	0	102	17
7	Gujarat	15162	2338	1581	
8	Haryana	5239	2457	3562	
9	Himachal Pradesh *	1553	30	1531	
10	Jammu & Kashmir	4694	68	862	
11	Jharkhand	2041	1480	1677	
12	Karnataka	35045	650	3333	3514
13	Kerala	38134	70	266	
14	Madhya Pradesh	42470	4364	6565	
15	Maharashtra	32980	1209	1664	
16	Manipur	487	61	30	
17	Meghalaya	0	0	0	675
18	Mizoram	13	3	1	51
19	Nagaland	347	43	141	
20	Orissa	7272	1701	1882	
21	Punjab	4329	734	1210	
22	Rajasthan	20432	625	1055	
23	Sikkim	164	7	25	
24	Tamil Nadu	54432	4588	6542	
25	Telangana	20402	1015	1067	
26	Tripura	454	13	36	
27	Uttarakhand	1399	64	140	
28	Uttar Pradesh	26409	5852	6522	
29	West Bengal	3354	125	527	7625
30	A & N Islands	189	0	0	
31	Chandigarh	283	0	59	
32	D & N Haveli	51	3	13	
33	Daman & Diu	60	1	9	9
34	Delhi *	5740	113	820	
35	Lakshadweep	0	0	0	1
36	Puducherry	1264	53	376	
	<b>Total</b>	<b>371387</b>	<b>33128</b>	<b>48503</b>	<b>11892</b>

## Accidents Victims Classified according to Non-Use of Safety Device (Non Wearing of Helmet) during the calendar year 2017

S.no	States/Uts	Persons Killed	Greviously Injured	Minor Injured	Non Injured	Persons Killed	Greviously Injured	Minor Injured	Non Injured
1	2	4	6	8	10	12	14	16	18
1	Andhra Pradesh	890	1000	1492	3112	696	4	1154	3216
2	Arunachal Pradesh	3	5	0	0	1	0	2	0
3	Assam	152	310	58	0	195	381	67	0
4	Bihar	0	0	0	0	427	348	145	0
5	Chhattisgarh	508	288	666	19	313	209	1187	5
6	Goa	131	45	215	471	39	94	343	0
7	Gujarat	586	730	638	150	1326	1174	1179	315
8	Haryana	171	44	150	1	249	366	321	8
9	Himachal Pradesh	160	188	195	73	54	91	157	0
10	Jammu & Kashmir	2	1	7	0	9	0	43	0
11	Jharkhand	443	253	42	0	456	512	73	0
12	Karnataka	1567	2639	3505	69	1510	2765	3977	0
13	Kerala	432	1090	256	0	390	4228	1853	0
14	Madhya Pradesh	1949	1202	7709	432	1234	1173	7042	132
15	Maharashtra	2721	3508	1920	0	1648	2896	1857	0
16	Manipur	7	2	27	0	8	14	33	0
17	Meghalaya	0	0	0	0	0	0	0	0
18	Mizoram	0	0	0	0	0	0	0	0
19	Nagaland	5	19	29	25	3	7	14	20
20	Orissa	471	506	281	0	457	570	593	0
21	Punjab	738	322	74	9	228	206	85	1
22	Rajasthan	1236	786	1094	72	992	662	1577	19
23	Sikkim	0	0	2	0	1	0	3	0
24	Tamil Nadu	4620	1945	15375	0	1485	591	8067	0
25	Telangana	1104	243	1688	292	760	209	2742	10
26	Tripura	5	5	0	2	1	10	0	0
27	Uttarakhand	23	49	6	0	33	55	17	0
28	Uttar Pradesh	2246	2094	915	53	2160	1494	808	43
29	West Bengal	717	649	884	665	134	119	198	0
30	A & N Islands	0	0	0	0	2	10	30	0
31	Chandigarh	0	0	0	0	0	0	0	0
32	D & N Haveli	0	0	0	0	0	0	0	0
33	Daman & Diu	16	20	5	4	5	12	9	0
34	Delhi	63	27	136	0	29	13	128	0
35	Lakshadweep	0	0	0	0	0	0	0	0
36	Puducherry	129	364	659	49	35	131	235	4
	<b>Total</b>	<b>21095</b>	<b>18334</b>	<b>38028</b>	<b>5498</b>	<b>14880</b>	<b>18344</b>	<b>33939</b>	<b>3773</b>

## Accidents Classified according to Use/Non-Use of Safety Device ( Wearing Seat Belt) by Victims during the calendar year 2017

S.no	States/Uts	Drivers								Passengers							
		Persons Killed		Greviously Injured		Minor Injured		Non Injured		Persons Killed		Greviously Injured		Minor Injured		Non Injured	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	441	369	916	290	2016	470	561	1567	432	265	810	33	1540	507	460	1877
2	Arunachal Pradesh	2	1	9	4	1	0	0	0	13	2	46	13	37	7	4	0
3	Assam	252	71	208	184	88	61	0	0	356	350	624	760	171	81	0	0
4	Bihar	306	0	284	0	122	0	163	0	564	1276	497	1055	250	400	0	0
5	Chhattisgarh	46	200	50	143	132	385	37	11	14	279	29	183	75	1146	3	1
6	Goa	5	18	8	22	20	220	793	786	3	11	13	97	14	352	0	0
7	Gujarat	480	542	524	654	381	567	62	128	538	467	518	582	512	620	75	333
8	Haryana	76	155	88	326	122	166	4	3	817	260	1097	99	2253	1231	316	1702
9	Himachal Pradesh	23	230	26	160	87	476	206	677	26	365	41	297	274	1853	0	0
10	Jammu & Kashmir	31	7	18	5	78	19	0	0	24	5	6	1	30	1	0	0
11	Jharkhand	141	139	71	116	35	23	0	0	53	501	83	401	15	99	0	0
12	Karnataka	366	1078	602	2212	1103	3142	25	101	485	2957	917	7158	2096	8772	0	9
13	Kerala	211	158	1329	308	802	140	0	0	401	1511	7537	4319	4545	1819	0	0
14	Madhya Pradesh	292	592	210	347	1217	2406	124	283	248	880	173	521	1105	4680	30	116
15	Maharashtra	96	828	182	1532	105	938	0	0	82	1368	167	3086	87	1807	0	0
16	Manipur	13	2	10	6	52	26	0	0	0	9	0	9	22	79	0	0
17	Meghalaya	12	0	21	0	7	0	4	0	11	0	13	0	3	0	3	0
18	Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	0	2	0	23	0	38	5	68	0	2	0	23	0	35	0	63
20	Orissa	124	140	168	156	126	140	0	0	260	432	372	549	354	571	0	0
21	Punjab	505	439	441	192	154	69	13	1	297	399	260	332	78	126	8	2
22	Rajasthan	636	742	349	399	779	725	123	36	459	1482	278	784	803	2371	23	18
23	Sikkim	0	4	0	16	0	12	7	0	10	6	0	67	0	65	29	0
24	Tamil Nadu	262	1666	221	830	1704	8171	0	0	120	1831	136	678	942	8971	0	0
25	Telangana	94	256	21	49	493	663	595	325	89	400	23	182	464	2196	0	39
26	Tripura	3	4	35	38	0	0	0	0	21	31	96	334	2	3	0	1
27	Uttarakhand	76	49	76	60	20	11	8	0	90	150	132	135	12	56	4	2
28	Uttar Pradesh	1100	1464	1143	1311	550	615	93	47	975	1433	1010	1287	566	624	55	48
29	West Bengal	83	824	146	761	56	851	515	392	41	179	134	86	33	187	0	0
30	A & N Islands	1	0	2	0	2	0	9	0	0	1	0	8	0	37	0	0
31	Chandigarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	D & N Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Daman & Diu	0	1	0	3	0	1	0	1	0	0	0	5	0	3	0	0
34	Delhi	72	23	45	18	259	83	0	0	28	16	21	6	108	89	0	0
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	0	16	0	5	0	58	1	3	0	8	0	4	0	60	0	1
	<b>Total</b>	<b>5749</b>	<b>10020</b>	<b>7203</b>	<b>10170</b>	<b>10511</b>	<b>20476</b>	<b>3348</b>	<b>4429</b>	<b>6457</b>	<b>16876</b>	<b>15033</b>	<b>23094</b>	<b>16391</b>	<b>38848</b>	<b>1010</b>	<b>4212</b>

## Performance of States/UTs in Reducing Number of Road Accidents in 2017

Sl. No.	States/UTs	2016	2017	Reduction(+) /Increase (-)	% Share in total reduction
1	2	3	4	5	6
1	Andhra Pradesh	24888	25727	-839	-5.3
2	Arunachal Pradesh	249	241	8	0.1
3	Assam	7435	7170	265	1.7
4	Bihar	8222	8855	-633	-4.0
5	Chhattisgarh	13580	13563	17	0.1
6	Goa	4304	3917	387	2.5
7	Gujarat	21859	19081	2778	17.6
8	Haryana	11234	11258	-24	-0.2
9	Himachal Pradesh	3168	3114	54	0.3
10	Jammu & Kashmir	5501	5624	-123	-0.8
11	Jharkhand	4932	5198	-266	-1.7
12	Karnataka	44403	42542	1861	11.8
13	Kerala	39420	38470	950	6.0
14	Madhya Pradesh	53972	53399	573	3.6
15	Maharashtra	39878	35853	4025	25.6
16	Manipur	538	578	-40	-0.3
17	Meghalaya	620	675	-55	-0.3
18	Mizoram	83	68	15	0.1
19	Nagaland	75	531	-456	-2.9
20	Odisha	10532	10855	-323	-2.1
21	Punjab	6952	6273	679	4.3
22	Rajasthan	23066	22112	954	6.1
23	Sikkim	210	196	14	0.1
24	Tamil Nadu	71431	65562	5869	37.3
25	Telangana	22811	22484	327	2.1
26	Tripura	557	503	54	0.3
27	Uttarakhand	1591	1603	-12	-0.1
28	Uttar Pradesh	35612	38783	-3171	-20.1
29	West Bengal	13580	11631	1949	12.4
30	Andaman & Nicobar	238	189	49	0.3
31	Chandigarh	428	342	86	0.5
32	Dadra & Nagar Haveli	70	67	3	0.0
33	Daman & Diu	71	79	-8	-0.1
34	Delhi	7375	6673	702	4.5
35	Lakshadweep	1	1	0	0.0
36	Puducherry	1766	1693	73	0.5
<b>Total</b>		<b>480652</b>	<b>464910</b>	<b>15742</b>	<b>100.0</b>



**Performance of States/UTs in Reducing Number of Persons Killed in Road Accidents in  
2017**

Sl. No.	States/UTs	2016	2017	Reduction(+)/Increase(-)	% Share in total reduction
1	2	3	4	5	6
1	Andhra Pradesh	8541	8060	481	16.7
2	Arunachal Pradesh	149	110	39	1.4
3	Assam	2572	2783	-211	-7.3
4	Bihar	4901	5554	-653	-22.7
5	Chhattisgarh	3908	4136	-228	-7.9
6	Goa	336	328	8	0.3
7	Gujarat	8136	7289	847	29.5
8	Haryana	5024	5120	-96	-3.3
9	Himachal Pradesh	1271	1203	68	2.4
10	Jammu & Kashmir	958	926	32	1.1
11	Jharkhand	3027	3256	-229	-8.0
12	Karnataka	11133	10609	524	18.2
13	Kerala	4287	4131	156	5.4
14	Madhya Pradesh	9646	10177	-531	-18.5
15	Maharashtra	12935	12264	671	23.4
16	Manipur	81	136	-55	-1.9
17	Meghalaya	150	182	-32	-1.1
18	Mizoram	70	60	10	0.3
19	Nagaland	46	41	5	0.2
20	Odisha	4463	4790	-327	-11.4
21	Punjab	5077	4463	614	21.4
22	Rajasthan	10465	10444	21	0.7
23	Sikkim	85	78	7	0.2
24	Tamil Nadu	17218	16157	1061	36.9
25	Telangana	7219	6596	623	21.7
26	Tripura	173	161	12	0.4
27	Uttarakhand	962	942	20	0.7
28	Uttar Pradesh	19320	20124	-804	-28.0
29	West Bengal	6544	5769	775	27.0
30	Andaman & Nicobar Islands	17	21	-4	-0.1
31	Chandigarh	151	107	44	1.5
32	Dadra & Nagar Haveli	46	43	3	0.1
33	Daman & Diu	38	36	2	0.1
34	Delhi	1591	1584	7	0.2
35	Lakshadweep	1	0	1	0.0
36	Puducherry	244	233	11	0.4
<b>Total</b>		<b>150785</b>	<b>147913</b>	<b>2872</b>	<b>100.0</b>

## Total Number of Accidents, Number of Persons Killed and Number of Persons Injured in Road Accidents in Urban &amp; Rural Areas: 2017

Sl. No.	States/UTs	Urban				Rural				Total			
		Total Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greivously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andhra Pradesh	8490	1862	2017	5400	17237	6198	5161	14897	25727	8060	7178	20297
2	Arunachal Pradesh	142	69	101	71	99	41	91	53	241	110	192	124
3	Assam	3815	1422	2630	527	3355	1361	2381	625	7170	2783	5011	1152
4	Bihar	3402	2041	1553	712	5453	3513	2656	1093	8855	5554	4209	1805
5	Chhattisgarh	5683	1313	790	3898	7880	2823	1367	6495	13563	4136	2157	10393
6	Goa	1690	119	173	666	2227	209	229	854	3917	328	402	1520
7	Gujarat	7409	1964	2985	3291	11672	5325	5465	5061	19081	7289	8450	8352
8	Haryana	3577	1418	1019	2407	7681	3702	1409	5504	11258	5120	2428	7911
9	Himachal Pradesh	672	131	322	624	2442	1072	1102	3404	3114	1203	1424	4028
10	Jammu & Kashmir	1534	248	1055	562	4090	678	2750	3052	5624	926	3805	3614
11	Jharkhand	2476	1370	1193	353	2722	1886	2004	368	5198	3256	3197	721
12	Karnataka	17426	3092	8581	9557	25116	7517	13910	20913	42542	10609	22491	30470
13	Kerala	14133	1714	11157	6007	24337	2417	18576	6931	38470	4131	29733	12938
14	Madhya Pradesh	25182	3316	2491	21837	28217	6861	4224	28980	53399	10177	6715	50817
15	Maharashtra	14372	3444	7886	4964	21481	8820	12579	6699	35853	12264	20465	11663
16	Manipur	117	42	59	130	461	94	202	636	578	136	261	766
17	Meghalaya	448	131	145	74	227	51	108	27	675	182	253	101
18	Mizoram	58	30	16	7	10	30	11	21	68	60	27	28
19	Nagaland	400	28	87	123	131	13	35	130	531	41	122	253
20	Odisha	4136	1828	2065	1809	6719	2962	3846	3478	10855	4790	5911	5287
21	Punjab	2299	1616	1438	384	3974	2847	1771	625	6273	4463	3209	1009
22	Rajasthan	7338	2536	2110	5009	14774	7908	4373	10579	22112	10444	6483	15588
23	Sikkim	63	22	40	62	133	56	169	208	196	78	209	270
24	Tamil Nadu	27108	5998	3797	24777	38454	10159	2790	43207	65562	16157	6587	67984
25	Telangana	12662	2818	918	10985	9822	3778	805	11282	22484	6596	1723	22267
26	Tripura	174	48	183	0	329	113	527	8	503	161	710	8
27	Uttarakhand	557	275	417	63	1046	667	963	188	1603	942	1380	251
28	Uttar Pradesh	18373	9067	9072	3986	20410	11057	10077	4359	38783	20124	19149	8345
29	West Bengal	4412	1753	2991	654	7219	4016	5195	1251	11631	5769	8186	1905
30	Andaman & Nicobar Islands	90	10	40	52	99	11	25	146	189	21	65	198
31	Chandigarh	302	95	6	253	40	12	1	42	342	107	7	295
32	Dadra & Nagar Haveli	44	26	35	5	23	17	20	0	67	43	55	5
33	Daman & Diu	23	6	18	9	56	30	33	10	79	36	51	19
34	Delhi	5969	1348	1049	4859	704	236	31	665	6673	1584	1080	5524
35	Lakshadweep	0	0	0	0	1	0	1	0	1	0	1	0
36	Puducherry	1147	134	514	633	546	99	98	496	1693	233	612	1129
	<b>Total</b>	<b>195723</b>	<b>51334</b>	<b>68953</b>	<b>114750</b>	<b>269187</b>	<b>96579</b>	<b>104985</b>	<b>182287</b>	<b>464910</b>	<b>147913</b>	<b>173938</b>	<b>297037</b>

**Fatal Road Accidents in Rural and Urban Areas during the  
calendar year 2017**

<b>S.No</b>	<b>State/UTs</b>	<b>Urban</b>	<b>Rural</b>	<b>Total</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Andhra Pradesh	1780	5784	7564
2	Arunachal Pradesh	64	39	103
3	Assam	1281	1193	2474
4	Bihar	1811	3234	5045
5	Chhattisgarh	1230	2648	3878
6	Goa	107	199	306
7	Gujarat	1873	4866	6739
8	Haryana	1262	3438	4700
9	Himachal Pradesh	120	787	907
10	Jammu & Kashmir	199	566	765
11	Jharkhand	1531	1503	3034
12	Karnataka	2901	6838	9739
13	Kerala	1643	2272	3915
14	Madhya Pradesh	3097	6161	9258
15	Maharashtra	3214	8006	11220
16	Manipur	30	77	107
17	Meghalaya	82	58	140
18	Mizoram	47	8	55
19	Nagaland	23	12	35
20	Orissa	1671	2701	4372
21	Punjab	1329	2810	4139
22	Rajasthan	2375	6925	9300
23	Sikkim	16	44	60
24	Tamil Nadu	5754	9307	15061
25	Telangana	2675	3435	6110
26	Tripura	46	107	153
27	Uttarakhand	231	496	727
28	Uttar Pradesh	8020	9686	17706
29	West Bengal	1591	3608	5199
30	Andaman & Nicobar Islands	9	11	20
31	Chandigarh	91	12	103
32	Dadra & Nagar Haveli	23	17	40
33	Daman & Diu	6	30	36
34	Delhi	1335	230	1565
35	Lakshadweep	0	0	0
36	Puducherry	120	101	221
<b>Total</b>		<b>47587</b>	<b>87209</b>	<b>134796</b>

## Month-Wise total number of accidents, persons killed and injured during the calendar year 2017

Sl. No	States/UTs	January				February				March				April			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Andhra Pradesh	2132	714	694	1717	1876	695	614	1609	2126	726	681	2029	2026	743	696	1712
2	Arunachal Pradesh	27	15	19	15	12	5	9	10	18	8	17	9	21	9	19	7
3	Assam	670	261	452	118	692	273	430	115	702	285	450	134	612	232	455	95
4	Bihar	673	429	294	109	726	450	354	172	756	420	382	142	792	517	362	196
5	Chhattisgarh	1289	427	251	1046	1109	316	201	886	1151	342	210	897	1036	303	176	819
6	Goa	377	29	42	142	331	27	36	131	356	29	38	148	294	36	21	158
7	Gujarat	1536	578	618	673	1560	595	714	702	1634	623	768	669	1624	619	771	731
8	Haryana	920	419	193	621	871	405	202	672	967	448	211	667	939	396	213	671
9	Himachal Pradesh	207	69	109	248	220	91	122	281	252	89	120	363	245	133	118	359
10	Jammu & Kashmir	339	47	232	144	371	64	263	220	451	57	309	247	411	51	299	252
11	Jharkhand	479	303	261	69	441	271	289	49	446	242	295	90	408	262	290	66
12	Karnataka	3787	934	1983	2450	3411	893	2009	2429	3574	888	2025	2401	3601	915	1991	2561
13	Kerala	3430	349	2691	1066	3157	336	2414	1023	3167	313	2468	1052	3175	362	2555	999
14	Madhya Pradesh	4790	847	631	4276	4291	755	495	4017	4553	870	614	4540	4755	936	603	4883
15	Maharashtra	3205	1046	1871	1049	2804	939	1538	923	3274	1117	1688	1021	3100	1058	1795	993
16	Manipur	47	9	11	54	56	9	17	79	60	30	58	62	37	8	11	48
17	Meghalaya	93	19	60	9	103	37	24	58	52	21	16	8	46	11	23	4
18	Mizoram	11	13	5	12	6	5	0	1	4	5	0	3	8	7	0	6
19	Nagaland	67	5	16	28	48	4	12	22	50	3	9	26	42	1	8	19
20	Odisha	992	434	516	573	735	313	420	452	1037	474	543	509	905	399	522	455
21	Punjab	515	356	221	70	536	390	244	79	593	410	275	90	545	388	323	95
22	Rajasthan	1947	829	592	1454	1813	818	456	1380	1947	917	517	1371	1909	905	515	1367
23	Sikkim	15	9	14	27	19	2	11	31	28	14	25	29	18	3	14	38
24	Tamil Nadu	5752	1433	630	5998	5288	1331	449	5713	5716	1384	550	5788	5251	1340	524	5488
25	Telangana	1970	589	160	1881	1851	492	136	1857	1929	599	158	1907	1973	632	159	1957
26	Tripura	42	13	44	0	40	10	53	0	39	18	54	0	43	11	86	0
27	Uttarakhand	125	78	143	23	109	75	84	13	122	81	79	17	130	63	128	38
28	Uttar Pradesh	2524	1416	1272	596	2543	1441	1100	666	3510	1838	1700	715	3277	1674	1589	709
29	West Bengal	1087	581	682	224	993	475	679	148	1085	578	635	182	1010	489	757	162
30	Andaman & Nicobar Is.	22	4	4	23	21	0	10	18	12	1	6	14	17	6	5	11
31	Chandigarh	35	11	1	28	25	10	2	17	33	10	0	22	37	14	0	27
32	Dadra & Nagar Haveli	6	5	4	0	6	3	4	1	9	5	7	1	3	3	1	0
33	Daman & Diu	11	6	7	4	6	3	4	1	7	3	4	1	7	4	7	1
34	Delhi	566	115	102	484	540	111	104	450	586	146	127	467	540	119	82	458
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Puducherry	136	24	49	69	132	12	56	72	148	19	59	94	129	16	46	104
	<b>Total</b>	<b>39824</b>	<b>12416</b>	<b>14874</b>	<b>25300</b>	<b>36742</b>	<b>11656</b>	<b>13555</b>	<b>24297</b>	<b>40394</b>	<b>13013</b>	<b>15098</b>	<b>25715</b>	<b>38966</b>	<b>12665</b>	<b>15164</b>	<b>25489</b>

## Month-Wise total number of accidents, persons killed and injured during the calendar year 2017

Sl. No	States/UTs	May				June				July				August			
		Total Accidents	Persons Killed	Persons Previously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Previously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Previously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Previously Injured	Persons Minor Injured
1	2	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	Andhra Pradesh	2203	797	694	1926	2213	708	573	1660	1923	564	527	1549	2061	607	573	1747
2	Arunachal Pradesh	16	8	10	8	20	10	13	6	16	6	6	5	21	10	21	13
3	Assam	607	205	416	101	571	224	462	103	663	219	532	87	554	216	380	81
4	Bihar	1007	668	482	197	926	558	417	172	697	475	332	161	570	339	255	94
5	Chhattisgarh	1137	332	197	944	1193	377	164	923	1022	319	155	694	1094	296	156	862
6	Goa	316	25	28	149	274	26	29	80	295	25	22	65	324	22	37	122
7	Gujarat	1742	714	846	838	1619	639	671	749	1274	465	541	594	1403	514	607	701
8	Haryana	958	436	196	703	890	379	202	610	923	442	229	708	855	363	175	591
9	Himachal Pradesh	294	106	145	361	252	106	138	344	273	115	112	400	285	123	107	410
10	Jammu & Kashmir	477	86	320	365	496	59	349	307	540	103	323	414	488	102	326	364
11	Jharkhand	480	308	321	76	460	253	304	82	373	242	222	37	356	225	208	42
12	Karnataka	3997	1049	2081	3248	3519	851	1796	2305	3179	730	1773	2322	3308	819	1746	2401
13	Kerala	3480	412	2640	1339	2918	320	2238	1032	3028	337	2350	1011	3143	336	2383	1091
14	Madhya Pradesh	5145	1139	747	5166	4553	988	541	4324	4018	741	566	3868	4025	695	440	3752
15	Maharashtra	3395	1250	2017	1178	2947	1009	1702	952	2651	893	1591	865	2593	835	1380	840
16	Manipur	47	7	14	86	48	13	18	74	42	5	17	63	47	4	25	54
17	Meghalaya	45	13	21	3	69	12	19	4	62	11	18	3	49	9	14	4
18	Mizoram	6	2	6	1	7	6	3	2	1	1	0	0	4	1	0	1
19	Nagaland	33	4	9	20	34	1	9	18	42	6	13	9	40	6	9	23
20	Odisha	993	440	574	483	956	437	538	493	846	342	467	384	782	367	428	325
21	Punjab	497	338	279	107	493	377	277	104	492	332	272	75	448	284	242	67
22	Rajasthan	2116	1038	644	1611	1877	889	545	1371	1677	755	505	1171	1728	869	590	1144
23	Sikkim	28	14	23	30	13	5	18	14	8	2	17	10	18	12	58	17
24	Tamil Nadu	5715	1556	583	6083	5623	1408	562	5729	5737	1429	508	5823	5640	1446	650	5741
25	Telangana	2143	700	134	2229	1792	513	139	1729	1679	449	110	1735	1729	487	118	1710
26	Tripura	54	18	72	0	35	14	44	2	39	12	50	0	36	10	51	1
27	Uttarakhand	148	103	120	22	149	84	140	33	143	80	145	24	123	77	80	13
28	Uttar Pradesh	3923	1959	1963	847	3702	1962	1900	805	3098	1510	1644	665	2998	1481	1579	658
29	West Bengal	1035	526	679	157	1036	485	694	190	888	406	835	129	819	391	658	148
30	Andaman & Nicobar Is.	10	2	0	13	16	1	5	13	9	0	5	25	17	2	4	10
31	Chandigarh	21	7	2	24	25	9	0	20	34	10	0	43	22	7	0	14
32	Dadra & Nagar Haveli	8	4	12	0	6	5	2	1	7	3	7	0	4	2	2	2
33	Daman & Diu	11	5	7	5	5	3	3	1	6	3	4	0	4	1	1	0
34	Delhi	572	127	88	477	510	131	93	413	544	128	86	441	566	140	101	462
35	Lakshadweep	0	0	0	0	0	0	0	0	1		1	0	0	0	0	0
36	Puducherry	140	19	59	71	150	29	51	109	150	23	51	110	140	18	62	86
	<b>Total</b>	<b>42799</b>	<b>14417</b>	<b>16429</b>	<b>28868</b>	<b>39397</b>	<b>12891</b>	<b>14659</b>	<b>24774</b>	<b>36380</b>	<b>11183</b>	<b>14036</b>	<b>23490</b>	<b>36294</b>	<b>11116</b>	<b>13466</b>	<b>23591</b>

## Month-Wise total number of accidents, persons killed and injured during the calendar year 2017

Sl. No	States/UTs	September				October				November				December				Total			
		Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured	Total Accidents	Persons Killed	Persons Greviously Injured	Persons Minor Injured
1	2	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
1	Andhra Pradesh	2025	614	547	1664	2012	622	479	1581	2548	603	557	1541	2582	667	543	1562	25727	8060	7178	20297
2	Arunachal Pradesh	16	7	11	12	19	9	21	13	26	11	28	12	29	12	18	14	241	110	192	124
3	Assam	582	211	418	83	633	270	475	101	649	235	429	90	235	152	112	44	7170	2783	5011	1152
4	Bihar	605	354	315	131	664	428	286	132	749	489	397	153	690	427	333	146	8855	5554	4209	1805
5	Chhattisgarh	1104	347	171	801	1076	299	155	888	1164	393	171	774	1188	385	150	859	13563	4136	2157	10393
6	Goa	259	16	23	102	338	32	32	130	341	31	48	148	412	30	46	145	3917	328	402	1520
7	Gujarat	1519	543	704	690	1698	684	761	604	1677	648	663	679	1795	667	786	722	19081	7289	8450	8352
8	Haryana	925	411	173	602	1010	484	216	670	1012	489	212	666	988	448	206	730	11258	5120	2428	7911
9	Himachal Pradesh	286	105	140	317	268	90	104	307	276	86	119	271	256	90	90	367	3114	1203	1424	4028
10	Jammu & Kashmir	565	107	329	416	513	91	375	331	516	80	352	301	457	79	328	253	5624	926	3805	3614
11	Jharkhand	361	236	217	42	407	259	273	39	491	325	268	77	496	330	249	52	5198	3256	3197	721
12	Karnataka	3247	788	1662	2450	3558	896	1890	2519	3498	874	1675	2486	3863	972	1860	2898	42542	10609	22491	30470
13	Kerala	3169	330	2420	1097	3125	321	2438	1037	3308	346	2543	1118	3370	369	2593	1073	38470	4131	29733	12938
14	Madhya Pradesh	4014	673	442	3849	4398	785	482	4308	4729	888	574	4199	4128	860	580	3635	53399	10177	6715	50817
15	Maharashtra	2672	854	1476	858	2883	996	1734	947	2959	1071	1735	973	3370	1196	1938	1064	35853	12264	20465	11663
16	Manipur	50	14	22	57	40	6	38	56	56	17	22	68	48	14	8	65	578	136	261	766
17	Meghalaya	43	10	11	2	30	12	9	1	38	11	18	2	45	16	20	3	675	182	253	101
18	Mizoram	4	5	2	0	9	8	8	2	5	4	2	0	3	3	1	0	68	60	27	28
19	Nagaland	33	1	5	12	43	4	9	37	46	1	10	20	53	5	13	19	531	41	122	253
20	Odisha	762	331	414	277	908	413	478	379	886	398	468	415	1053	442	543	542	10855	4790	5911	5287
21	Punjab	472	313	239	74	588	452	265	75	542	402	270	95	552	421	302	78	6273	4463	3209	1009
22	Rajasthan	1724	758	491	1275	1861	934	534	1153	1927	893	597	1397	1586	839	497	894	22112	10444	6483	15588
23	Sikkim	10	5	10	12	13	4	11	46	17	5	3	3	9	3	5	13	196	78	209	270
24	Tamil Nadu	5302	1385	510	5561	5484	1365	592	5527	4908	1015	487	5156	5146	1065	542	5377	65562	16157	6587	67984
25	Telangana	1688	482	156	1684	1692	493	141	1744	1995	594	160	1876	2043	566	152	1958	22484	6596	1723	22267
26	Tripura	44	20	72	2	37	8	78	0	42	14	48	3	52	13	58	0	503	161	710	8
27	Uttarakhand	129	57	120	17	133	72	102	21	140	86	129	13	152	86	110	17	1603	942	1380	251
28	Uttar Pradesh	2822	1373	1383	579	3336	1701	1589	764	3463	1885	1675	692	3587	1884	1755	649	38783	20124	19149	8345
29	West Bengal	922	458	655	187	920	466	639	125	947	472	612	97	889	442	661	156	11631	5769	8186	1905
30	Andaman & Nicobar Is.	15	0	7	14	17	0	7	11	20	3	7	39	13	2	5	7	189	21	65	198
31	Chandigarh	24	8	0	22	32	9	0	31	34	7	1	34	20	5	1	13	342	107	7	295
32	Dadra & Nagar Haveli	3	1	3	0	4	2	3	0	4	3	1	0	7	7	9	0	67	43	55	5
33	Daman & Diu	5	2	4	0	5	4	1	1	5	1	3	4	7	1	6	1	79	36	51	19
34	Delhi	547	142	69	441	621	162	79	490	546	118	71	470	535	145	78	471	6673	1584	1080	5524
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
36	Puducherry	145	22	57	93	152	21	44	109	137	17	40	101	134	13	38	111	1693	233	612	1129
	<b>Total</b>	<b>36093</b>	<b>10983</b>	<b>13278</b>	<b>23423</b>	<b>38527</b>	<b>12402</b>	<b>14348</b>	<b>24179</b>	<b>39701</b>	<b>12515</b>	<b>14395</b>	<b>23973</b>	<b>39793</b>	<b>12656</b>	<b>14636</b>	<b>23938</b>	<b>464910</b>	<b>147913</b>	<b>173938</b>	<b>297037</b>

## Road Accidents as per the Time of occurrence 2017

S.No	States/UTs	06-900hrs	09-1200hrs	12-1500hrs	15-1800hrs	18-2100hrs	21-2400hrs	00-300hrs	03-600hrs	Total Accidents
1	2	(Day)	(Day)	(Day)	(Day)	(Night)	(Night)	(Night)	(Night)	11
		3	4	5	6	7	8	9	10	
1	Andhra Pradesh	2808	3581	3765	4484	5265	2770	1406	1648	25727
2	Arunachal Pradesh	40	24	25	24	23	24	42	39	241
3	Assam	749	1206	1262	1340	1121	708	393	391	7170
4	Bihar	1344	1550	1292	1462	1312	645	495	755	8855
5	Chhattisgarh	1653	2387	2012	2422	2584	1320	616	569	13563
6	Goa	334	543	654	737	749	427	277	196	3917
7	Gujarat	2220	3003	2985	3102	3356	2189	1144	1082	19081
8	Haryana	1418	1477	1453	1723	2008	1289	936	954	11258
9	Himachal Pradesh	336	466	492	590	641	340	143	106	3114
10	Jammu & Kashmir	455	1050	1240	1237	912	383	218	129	5624
11	Jharkhand	564	580	650	643	698	844	644	575	5198
12	Karnataka	4777	6382	6594	7603	7291	4642	2580	2673	42542
13	Kerala	4006	7583	6356	8648	7007	3031	746	1093	38470
14	Madhya Pradesh	4747	8342	9557	10441	10760	5839	2041	1672	53399
15	Maharashtra	3574	5142	5396	5687	6083	4364	3050	2557	35853
16	Manipur	43	93	121	127	129	39	9	17	578
17	Meghalaya	62	65	63	79	94	100	98	114	675
18	Mizoram	11	12	11	9	11	5	3	6	68
19	Nagaland	60	55	62	102	100	76	47	29	531
20	Orissa	1309	1565	1723	1901	1804	1083	589	881	10855
21	Punjab	784	960	878	982	1181	720	396	372	6273
22	Rajasthan	2237	3452	3852	4366	4257	2108	903	937	22112
23	Sikkim	19	24	34	38	33	29	14	5	196
24	Tamil Nadu	7897	9402	9404	11666	14486	6786	2308	3613	65562
25	Telangana	2162	3188	3250	4174	4688	2573	1210	1239	22484
26	Tripura	43	103	76	111	86	51	11	22	503
27	Uttarakhand	183	196	235	271	254	215	118	131	1603
28	Uttar Pradesh	5352	5812	5065	5342	5650	4311	3138	4113	38783
29	West Bengal	1299	1994	1908	1963	1687	1174	611	995	11631
30	A & N Islands	20	27	33	41	39	19	3	7	189
31	Chandigarh	36	35	41	46	81	70	18	15	342
32	D & N Haveli	7	6	12	14	14	5	5	4	67
33	Daman & Diu	5	7	15	16	17	13	6	0	79
34	Delhi	747	858	828	807	1008	1159	714	552	6673
35	Lakshadweep	0	0	0	1	0	0	0	0	1
36	Puducherry	250	256	250	257	257	216	118	89	1693
	<b>Total</b>	<b>51551</b>	<b>71426</b>	<b>71594</b>	<b>82456</b>	<b>85686</b>	<b>49567</b>	<b>25050</b>	<b>27580</b>	<b>464910</b>

## Annexure - 39

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

Sl. No.	States/UTs	2014	2015	2016
1	2	3	4	5
1	Andhra Pradesh	3.7	3.8	3.8
2	Arunachal Pradesh	0.1	0.1	0.1
3	Assam	1.2	1.2	1.2
4	Bihar	2.2	2.3	2.4
5	Chhattisgarh	2.0	2.1	2.1
6	Goa	0.5	0.5	0.5
7	Gujarat	9.0	8.9	8.9
8	Haryana	3.8	3.8	3.8
9	Himachal Pradesh	0.5	0.5	0.5
10	Jammu & Kashmir	0.6	0.6	0.6
11	Jharkhand	0.9	1.0	1.1
12	Karnataka	7.0	7.0	7.1
13	Kerala	4.6	4.6	4.4
14	Madhya Pradesh	5.1	5.3	4.8
15	Maharashtra	12.3	12.2	12.1
16	Manipur	0.2	0.1	0.1
17	Meghalaya	0.1	0.1	0.2
18	Mizoram	0.1	0.1	0.1
19	Nagaland	0.2	0.2	0.2
20	Odisha	2.4	2.4	2.5
21	Punjab	3.3	3.0	3.9
22	Rajasthan	5.8	5.9	5.9
23	Sikkim	0.0	0.0	0.0
24	Tamil Nadu	10.9	10.7	10.5
25	Telangana	3.7	3.7	3.8
26	Tripura	0.1	0.1	0.1
27	Uttarakhand	0.9	0.9	0.8
28	Uttar Pradesh	10.0	10.3	10.4
29	West Bengal	3.5	3.5	2.8
30	Andaman & Nicobar Islands	0.0	0.0	0.0
31	Chandigarh	0.3	0.3	0.4
32	Dadra & Nagar Haveli	0.1	0.1	0.0
33	Daman & Diu	0.1	0.0	0.0
34	Delhi	4.4	4.2	4.2
35	Lakshadweep	0.0	0.0	0.0
36	Puducherry	0.4	0.4	0.4
	<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>