

ROAD ACCIDENTS IN INDIA

2010



सत्यमेव जयते

GOVERNMENT OF INDIA

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

TRANSPORT RESEARCH WING

NEW DELHI



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FOREWORD

Road accidents are a human tragedy. They involve high human suffering and monetary costs in terms of untimely deaths, injuries and loss of potential income. Although we have undertaken many initiatives and are implementing various road safety improvement programmes, the overall situation as revealed by data is far from satisfactory.

During the calendar year 2010, there were close to 5 lakh road accidents in India, which resulted in more than 1.3 lakh deaths and inflicted injuries on 5.2 lakh persons. These numbers translate into one road accident every minute, and one road accident death every 4 minutes. Unfortunately, more than half the victims are in the economically active age group of 25-65 years. The loss of the main bread winner can be catastrophic.

Road traffic accidents are amenable to remedial action. Many a countries have curbed the menace of road accidents by adopting a multipronged approach to road safety that encompasses broad range of measures, such as, traffic management, design and quality of road infrastructure, application of intelligent transport systems, safer vehicles, law enforcement, effective and quick accident response and care, etc. The Government alone cannot tackle road safety problems. There is a need for active involvement of all stake-holders to promote policy reform and implementation of road safety measures. Addressing road safety in a comprehensive manner underscores the need to involve multiple agencies/sectors like health, transport and police.

The present document provides the magnitude and various dimensions of road accidents in India. The data and analysis on road accidents presented in the document is expected to create awareness and assist in informed decision-making on road safety.

(A.K. Upadhyay)

New Delhi
26th December, 2011



सत्यमेव जयते

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PREFACE

Transport Research Wing of the Ministry of Road Transport & Highways is the nodal agency for providing information/data on various facets of roads and road transport. The annual publication 'Road Accidents in India' presents information on all road accidents in the country during the calendar year. The information is collected from States/UTs in the 19-item format devised under Asia Pacific Road Accident Data (APRAD)/Indian Road Accident Data (IRAD) project of United Nations' Economic and Social Commission for the Asia and the Pacific (UN-ESCAP).

The present issue of 'Road Accidents in India, 2010' provides data/information relating to road accidents in the country during the calendar year 2010: their magnitude, incidence, spatial spread, impact, determinants and policy initiatives undertaken by the government to prevent and mitigate its impact. The lag in bringing out the publication has been considerably brought down due to the efforts of our officers and cooperation of various source agencies. We would like to thank all the source agencies for facilitating the compilation of this document.

Suggestions from the users of information are welcome to improve the quality and coverage.

Arvind Kumar
(Arvind Kumar)

New Delhi
December, 2011

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Road Accidents in India: 2010

1. Introduction

1.1 With the expansion in road network, motorization and urbanization in the country, the number of road accidents have surged. Road traffic injuries (RTIs) and fatalities have emerged as a major public health concern, with RTIs having become one of the leading causes of deaths, disabilities and hospitalizations which impose severe socio-economic costs across the world.

1.2 Road safety is an issue of national concern, considering its magnitude and gravity and the consequent negative impacts on the economy, public health and the general welfare of the people. Today, RTIs are one of the leading causes of deaths, disabilities and hospitalizations, with severe socioeconomic costs, across the world. World Health Statistics 2008 cited in Global Status Report on Road Safety states that RTIs in 2004 were the 9th leading cause of death and at current rates by 2030 are expected to be the 5th leading cause of death, overtaking diabetes and HIV/AIDS.

1.3 The United Nations has rightly proclaimed 2011-20 as the decade of action on road safety and have called upon all member countries to prepare a decadal action plan for implementation in their respective countries so that the present rising trend of road accidents stabilizes and is reversed by the year 2020.

1.4 Motor vehicle population has grown at a compound annual growth rate (CAGR) of 10 per cent 2000-2009, during fueled by a rising tide of motorization. Concomitantly, traffic risk and exposure have grown. During the year 2010, there were around 5 lakh road accidents, which resulted in deaths of 134,513 people and injured more than 5 lakh persons in India. These numbers translate into 1 road accident every minute, and 1 road accident death every four minutes.

1.5 The loss to the Indian economy due to fatalities and accident injuries estimated at 3% of GDP in 1999-2000 is particularly severe as 53.1% of road accident victims were in the age group of 25 to 65 years in 2010, with pedestrians, bicyclists and two-wheelers, who comprise the most unprotected road users, accounting for around 40% of all fatalities.

2. Trends in Road Accidents, Injuries, Fatalities, Motor Vehicles & Road Network

2.1 Road accidents are an outcome of the interplay of various factors, some of which are the length of road network, vehicle population, human population and adherence/enforcement of road safety regulations, etc. Higher exposure to road accident risk may be mitigated by behavioural standards by adhering to road safety regulations and policy interventions.

2.2 CAGR of the number of accidents, injuries, fatalities and motor vehicles (registered) has moderated during 1990s, after a spurt during the 1980s (Table 1). Moderation in the growth of accidents, fatalities and injuries during 1990s has taken place in the backdrop of lower growth in the number of registered vehicles and step up in the growth of road network. However, in the

decade 2000-2010, the growth in fatalities edged upwards vis-à-vis the preceding decade (1990-2000).

| Table 1: Growth in Select Accident Related Parameters: CAGR in per cent | | | | | |
|--|----------------------------|---------------------------|-----------------------------|--------------------------------------|-----------------------------------|
| Period | Number of Accidents | Number of Injuries | Number of Fatalities | Number of Registered Vehicles | Road Length (in kilometre) |
| 1980/1970 | 3.0 | 4.5 | 5.2 | 12.4 | 2.3 |
| 1990/1980 | 6.3 | 8.4 | 8.5 | 15.5 | 2.9 |
| 2000/1990 | 3.3 | 5.0 | 3.8 | 9.8 | 5.3 |
| 2010/2000 | 2.5 | 2.8 | 5.5 | 10.0* | 2.7** |
| * refers to 2009/2000. The latest year for which the data on the number of registered vehicles is available is 2009. | | | | | |
| ** refers to 2008/2000. The latest year for which data on road length is available is 2008. | | | | | |

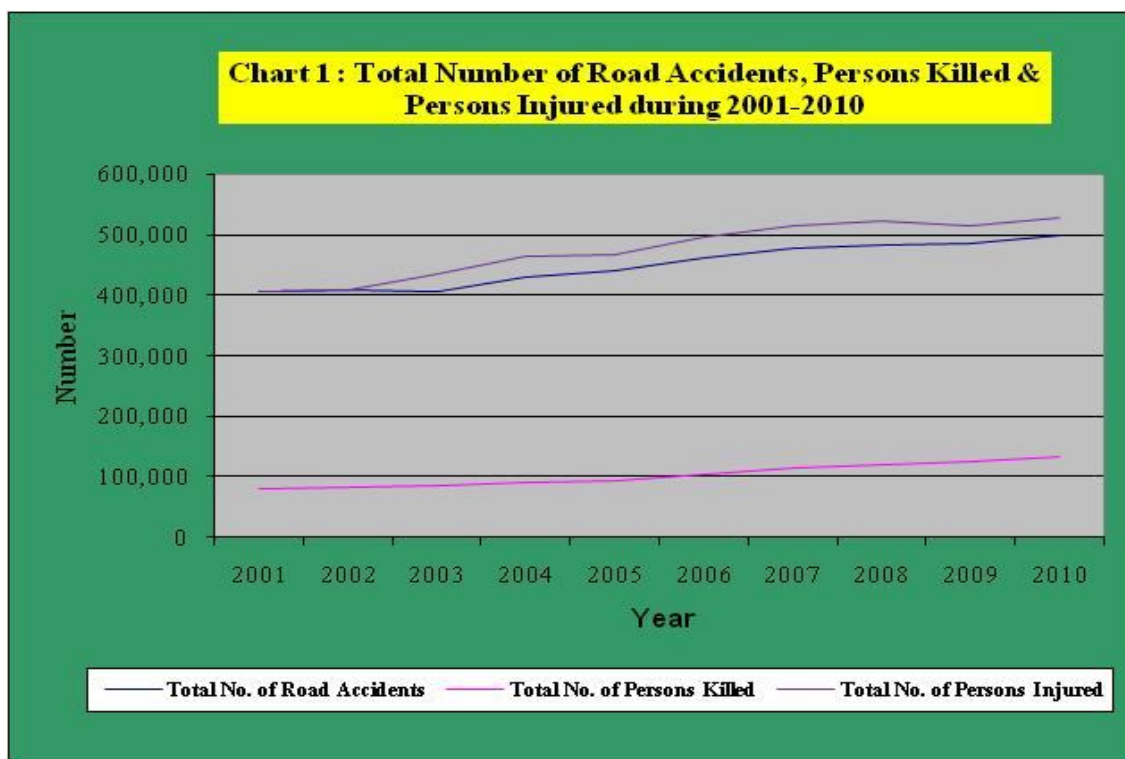
2.3 Between 1970 and 2010, the number of accidents increased by 4.4 times with 9.3 times increase in fatalities and 7.5 times increase in the number of persons injured, while there was an increase of 82 times in the number of registered motor vehicles and more than three times increase in the road network (Annex-I).

Some Trends in Number of Accidents, Injuries and Fatalities

- The number of total accidents reported in 2010 was 499,628. After a moderate increase of 0.35% during 2009, the number of accidents reported during 2010 showed a growth of 2.72 % as compared with accidents reported in the year 2009.
- The number of persons killed increased by 7 per cent during 2010 in comparison to 4.8 per cent during 2009.
- The number of persons injured which had recorded a decline of 1.5 per cent during 2009, increased by 2.3 per cent during 2010.
- The total number of road accidents, injuries and deaths increased at CAGR of 2.5%, 2.8% and 5.5%, respectively, between the years 2000 and 2010.

Profile of Road Accidents

2.4 During 2010, 499,628 road accidents were reported by all States/ Union Territories (UTs) (Chart 1). Of these, about 23.9% (119,558) were fatal accidents. The number of persons killed in road accidents was 134,513, i.e. an average of one fatality per 3.7 accidents. The proportion of fatal accidents in total road accidents has consistently increased since 2001 from 17.6% to 23.9% in 2010 (Table 2). The severity of road accidents, measured in terms of persons killed per 100 accidents, has also increased from 19.9 in 2001 to 26.9 in 2010.



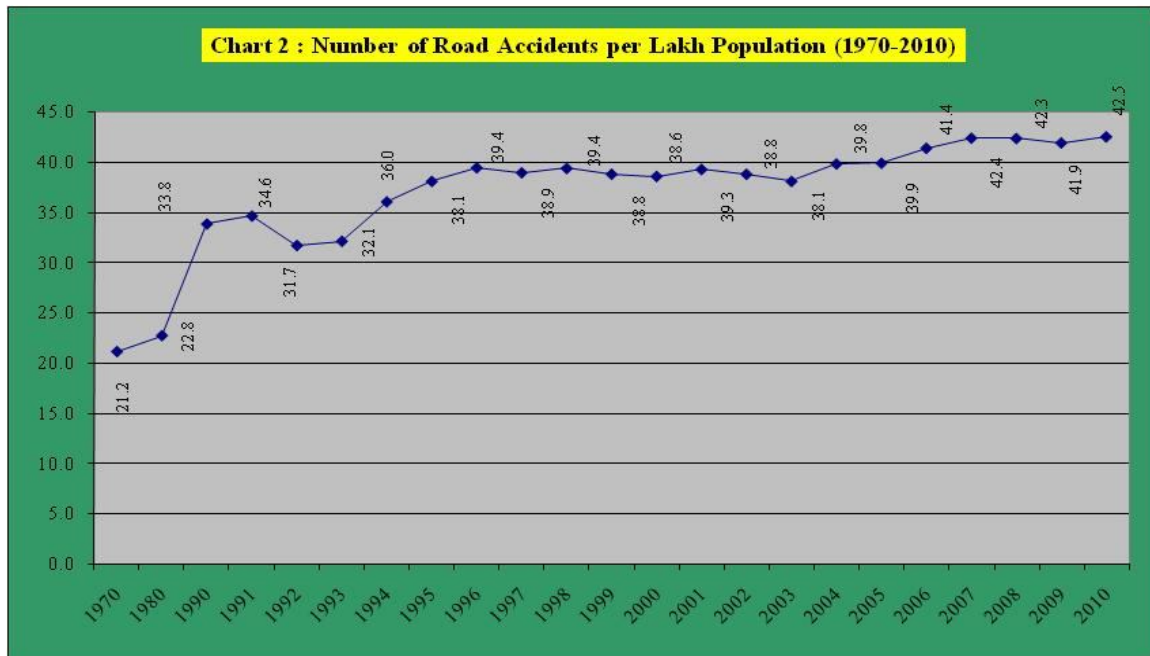
| Year | Number of Accidents | | Number of Persons | | Accident Severity* |
|-----------------|---------------------|----------------|-------------------|---------|--------------------|
| | Total | Fatal | Killed | Injured | |
| 2001 | 405,637 | 71,219 (17.6) | 80,888 | 405,216 | 19.9 |
| 2002 | 407,497 | 73,650 (18.1) | 84,674 | 408,711 | 20.8 |
| 2003 | 406,726 | 73,589 (18.1) | 85,998 | 435,122 | 21.1 |
| 2004 | 429,910 | 79,357 (18.5) | 92,618 | 464,521 | 21.5 |
| 2005 | 439,255 | 83,491 (19.0) | 94,968 | 465,282 | 21.6 |
| 2006 | 460,920 | 93,917 (20.4) | 105,749 | 496,481 | 22.9 |
| 2007 | 479,216 | 101,161 (21.1) | 114,444 | 513,340 | 23.9 |
| 2008 | 484,704 | 106,591 (22.0) | 119,860 | 523,193 | 24.7 |
| 2009 | 486,384 | 110,993 (22.8) | 125,660 | 515,458 | 25.8 |
| 2010 (P) | 499,628 | 119,558 (23.9) | 134,513 | 527,512 | 26.9 |

(P): Provisional.
Source: Information supplied by States/UTs (Police Departments).
Figures within parentheses indicate share of fatal accidents to total accidents.
* Accident Severity : No. of Persons Killed per 100 Accidents

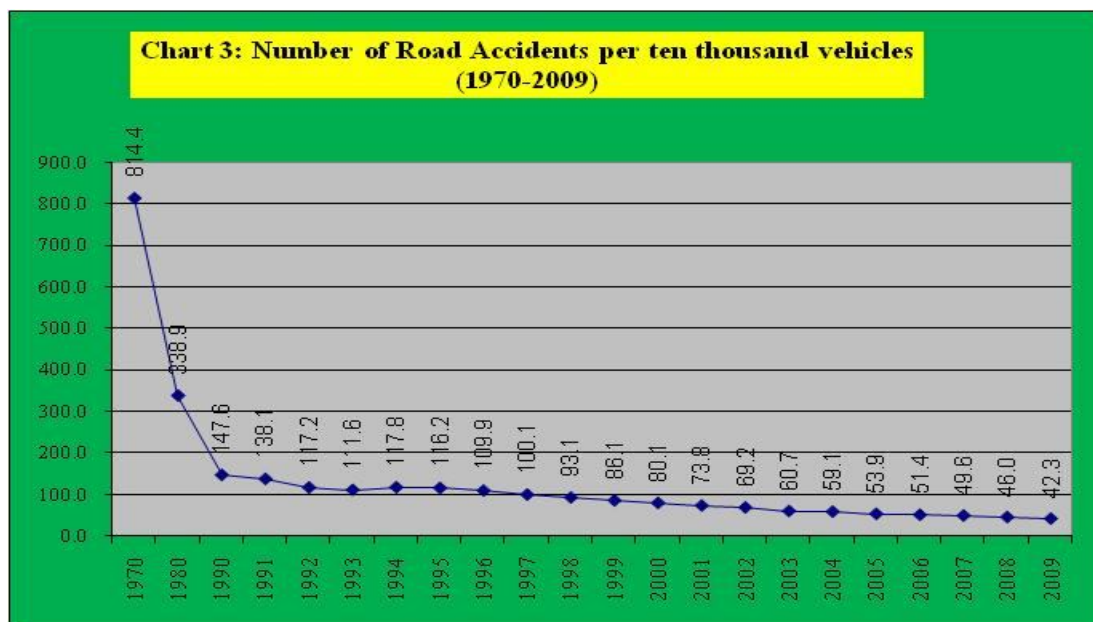
3. Normalized Indicators of Road Accidents, Injuries & Fatalities: All India Averages

3.1 To get an appropriate measure of incidence of accidents, normalized/standardized accident rates for India have been worked out in terms of number of accidents (a) per lakh persons, (b) per ten thousand motor vehicles and (c) per ten thousand kilometres of road length. Some of the broad trends at the all-India level are summarized below.

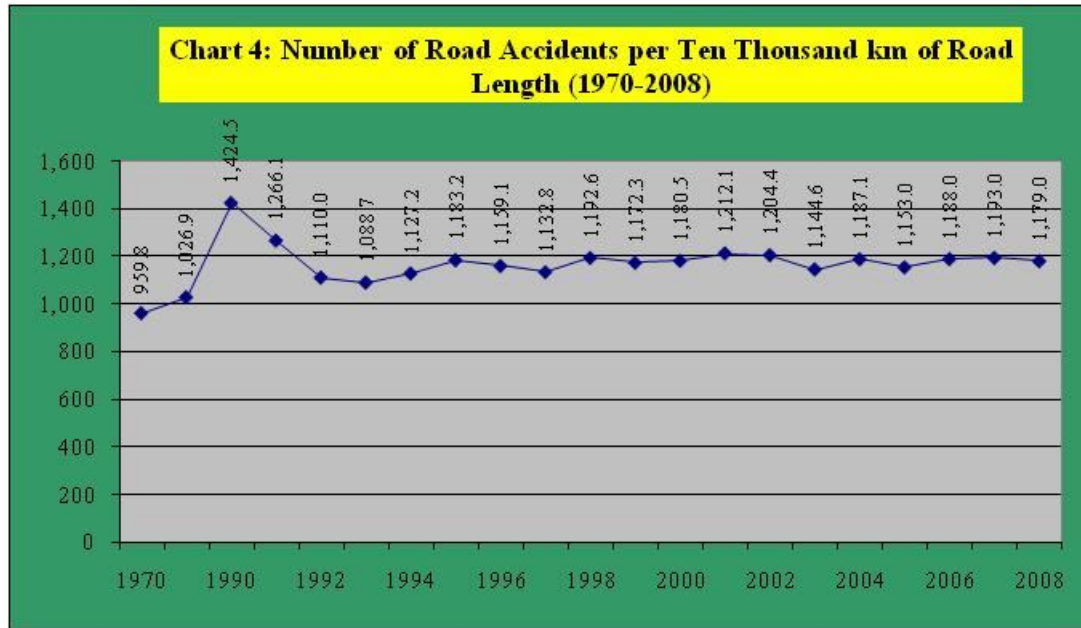
- a. Number of accidents per lakh population increased from 21.2 in 1970 to 22.8 in 1980, followed by a sharp increase to 33.8 in 1990. Between 1995 and 2005, the figures fluctuated in the range of 38 to 40; moving above 42 in recent years (2007 and 2008); a slight dip to 41.9 in 2009, followed by a rise to 42.5 in 2010. Between 1970 and 2010, there was an increase of more than 100% (Chart 2).



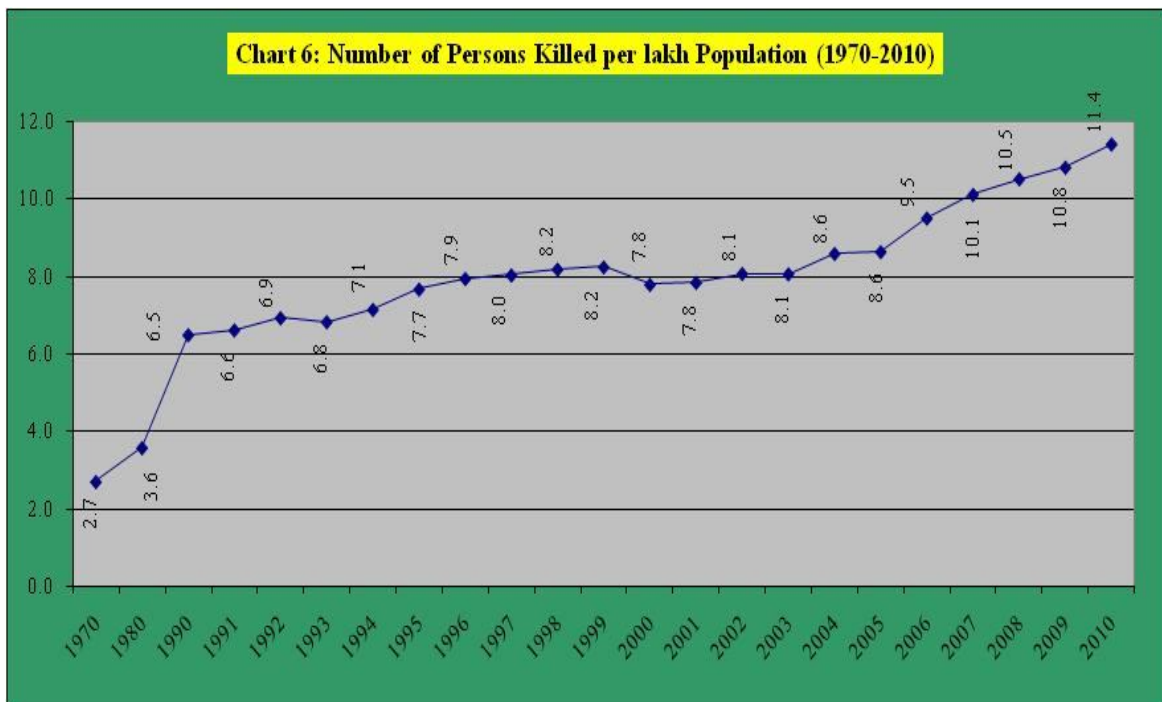
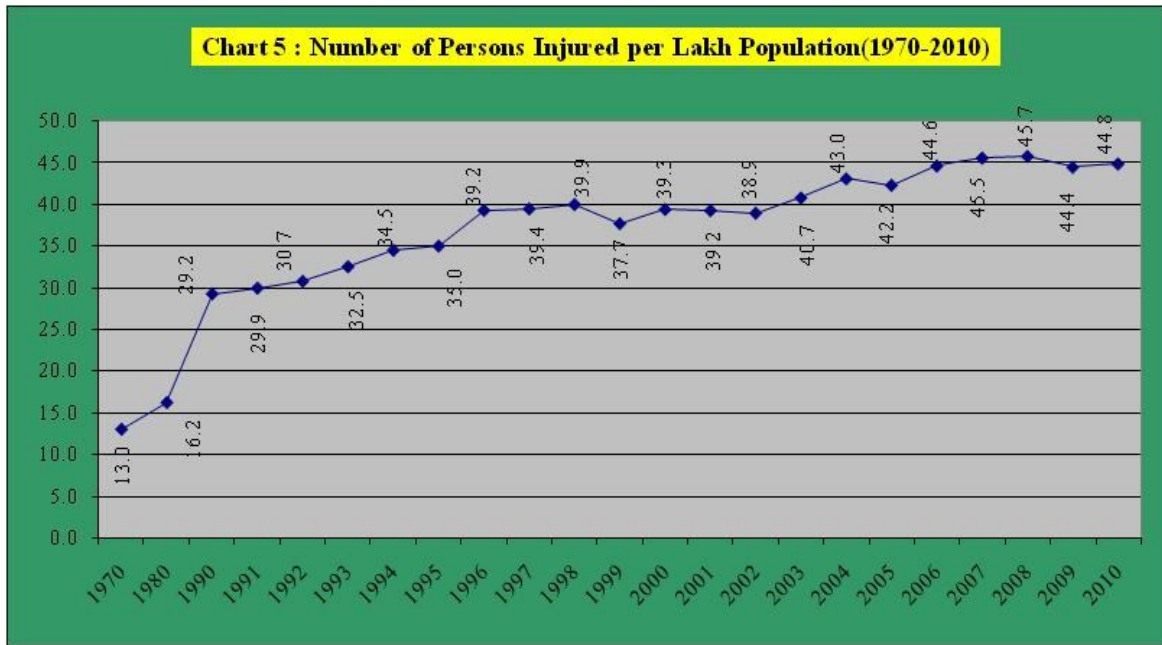
- b. A significant decline in the number of accidents per ten thousand motor vehicles is discernible from 814 in 1970, 339 in 1980, 148 in 1990, 80 in 2000 and further to 42 in 2009 i.e. decline of almost 95 % since 1970 (Chart 3).



- c. The trend in the number of accidents per ten thousand kilometres of the road length shows that the number of accidents have increased over the last few decades, from 960 in 1970 to 1,027 in 1980; peaked to 1,424 in 1990; but declined thereafter, fluctuating within a band of 1,100 to 1,200 per ten thousand kilometres. For the latest year 2008, the figure stood at 1,179 (Chart 4).

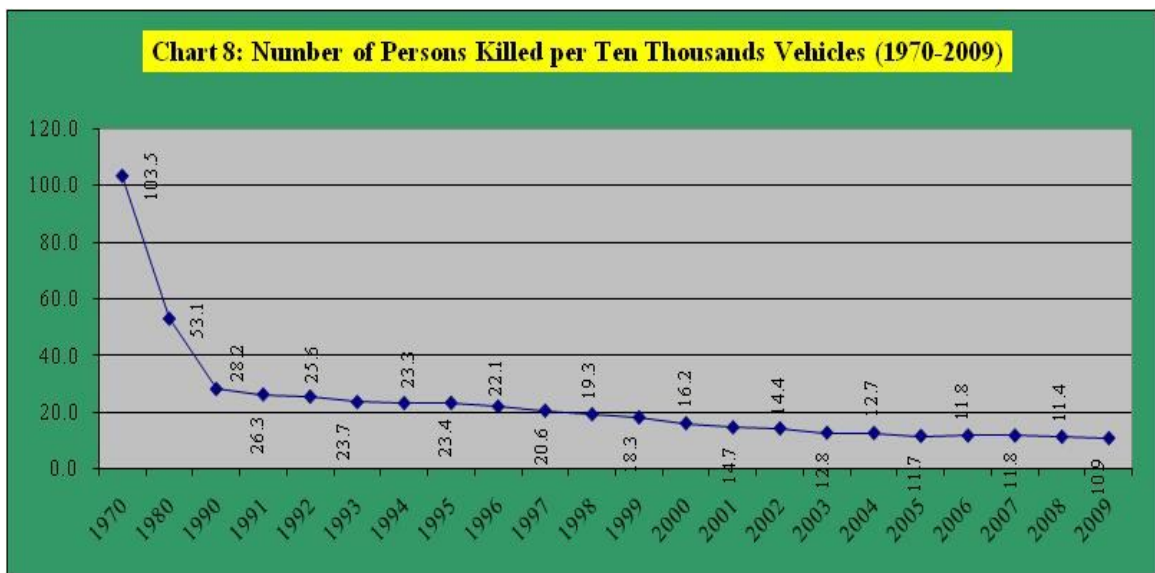
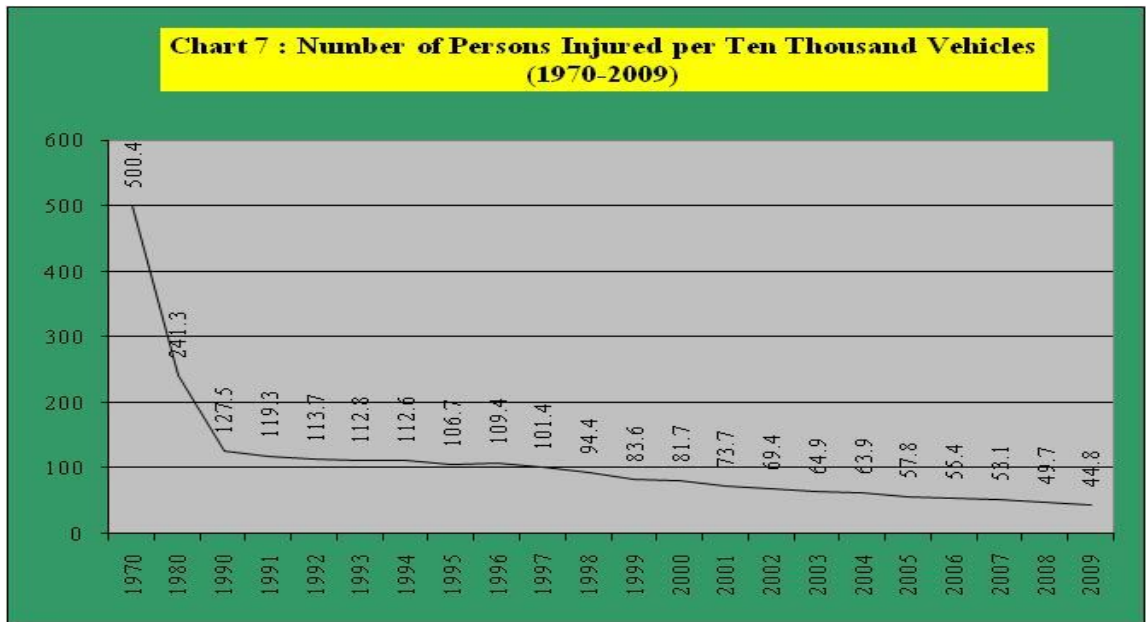


- d. There has been more than three-fold increase in the number of persons injured per lakh of population from 13 in 1970 to 44.8 in 2010 (Chart 5). Similarly, persons killed per lakh of population jumped four-fold from 2.7 in 1970 to 11.4 in 2010 (Chart 6). Exposure of population to road accidents leading to deaths and injuries largely depends on the amount of travel undertaken, defined as the number of trips, the distance travelled, or time in the road environment, number of motor vehicles and the amount of motorized traffic, etc. These factors are associated with development and income levels. In high income countries, risk of road accidents arising out of these factors have been reduced through effective road safety engineering, traffic management, enforcement of traffic laws and the severity of penalties for infringement.



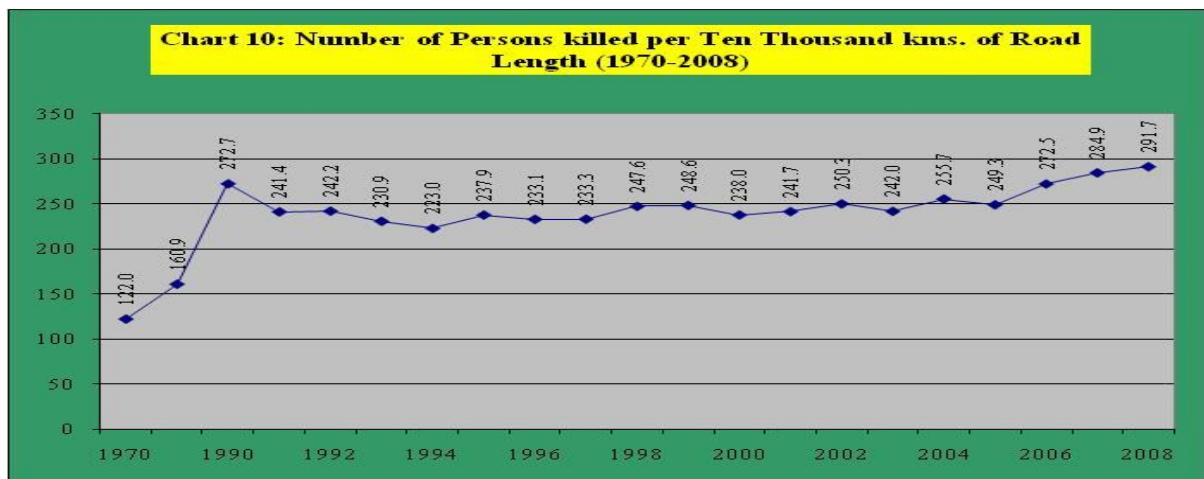
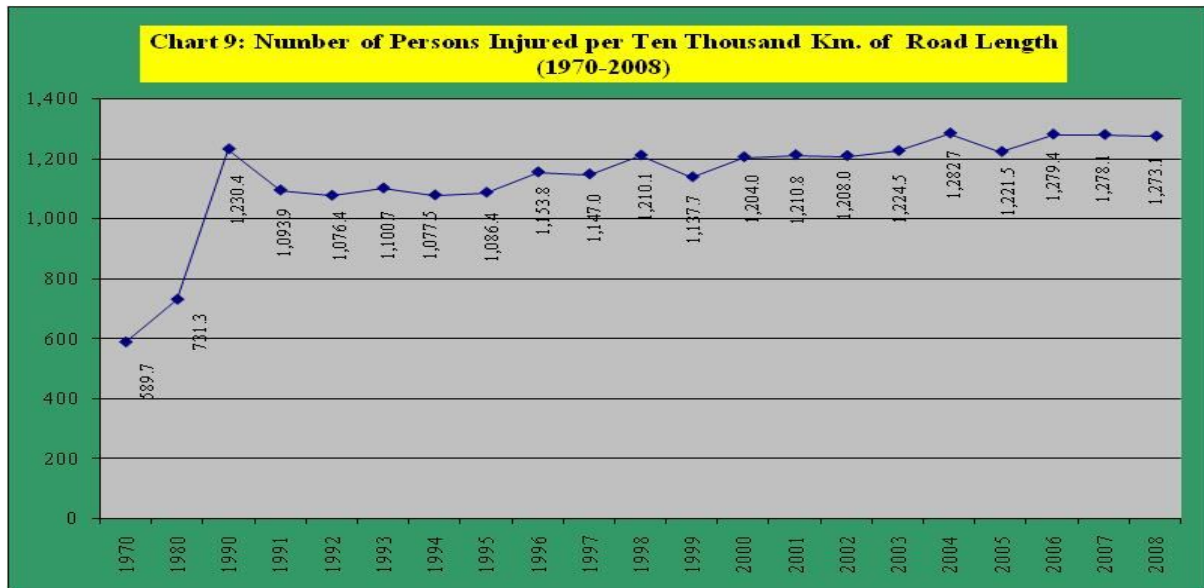
- e. As regards number of persons injured and killed per 10,000 vehicles the decline has been dramatic. To some extent, the decline in this parameter has been brought about by improvements in vehicle crashworthiness and occupant protection. The number of persons injured per 10,000 vehicles has plummeted from 500 in 1970 to about 45 in 2009 (Chart 7). It is noteworthy that this parameter has consistently declined since 1996 despite sustained high growth in vehicle population. Similarly, the number of persons killed per 10,000 vehicles in the country has also fallen from about 104 in 1970 to less than 11 in 2009 (Chart 8). However, injuries and deaths per 10,000 motor vehicles as a

parameter has a limitation as it does not capture road related accidents and deaths connected with non-motorized forms of transport which are significant in rural areas.



- f. The number of persons injured and killed per ten thousand kilometres of road length has more than doubled since 1970. Modern road systems are largely designed for the motor vehicles exposing vulnerable road users to greater risk of accidents. In developing countries, lack of foot-paths, service lanes, cycle tracks, traffic calming measures to reduce speed where non motorized mode of transport blend with motorized traffic, increases the risk of accidents and its severity. These factors have contributed towards increase in road related accidents, injuries and deaths in relation to rise in terms of road length. High-income countries have made progress in providing facilities for pedestrians and cyclists alongwith speed reduction schemes, thereby weakening the nexus between

road accidents, injuries and deaths with expansion in road network. The numbers of persons injured per ten thousand kilometres of road length have risen from 590 in 1970 to 1,273 in 2008 (Chart 9); similarly persons killed per ten thousand kilometres of road length more than doubled from 122 in 1970 to 292 in 2008 (Chart 10). However, both these parameters have witnessed ups and downs over the last decade.



4. Road Accidents: Inter State Comparisons

4.1 Table 3 provides a share of top five States in India in total number of road accidents, persons killed and persons injured in road accidents in the backdrop of their share in India's motor vehicle population.

| Table 3: All India Share of Select States (in %): Road Accidents, Injuries, Deaths and Registered Motor Vehicles: 2007 to 2010 | | | | |
|---|-------------|-------------|-------------|-----------------|
| State/UT | 2007 | 2008 | 2009 | 2010 (P) |
| Top 5 States: Share in Total Number of Road Accidents (in %) | | | | |
| Share of 5 States | 55.4 | 55.4 | 55.3 | 55.5 |
| 1.Maharashtra | 15.4 | 15.6 | 14.8 | 14.3 |
| 2.Tamil Nadu | 12.3 | 12.5 | 12.5 | 13.0 |
| 3. Madhya Pradesh | 8.8 | 9.0 | 9.7 | 10.0 |
| 4.Karnataka | 9.7 | 9.5 | 9.3 | 9.3 |
| 5.Andhra Pradesh | 9.2 | 8.8 | 9.0 | 8.9 |
| Share of the above 5 States in total Registered Vehicles. | 41.5 | 41.9 | 42.0 | N.A |
| Top 5 States: Share in Total Number Killed in Road Accidents (in %) | | | | |
| Share of 5 States | 49.8 | 50.9 | 50.3 | 50.8 |
| 1.Andhra Pradesh | 11.8 | 11.5 | 11.8 | 11.7 |
| 2.Uttar Pradesh | 10.0 | 11.0 | 11.6 | 11.3 |
| 3.Tamil Nadu | 10.5 | 10.7 | 10.9 | 11.5 |
| 4.Maharashtra | 9.8 | 10.3 | 9.1 | 9.2 |
| 5.Karnataka | 7.7 | 7.4 | 6.9 | 7.1 |
| Share of the above 5 States in total Registered Vehicles. | 45.7 | 46.0 | 46.2 | N.A |
| Top 5 States: Share in Total Number of Injuries in Road Accidents (in %) | | | | |
| Share of 5 States | 55.4 | 56.6 | 55.7 | 55.9 |
| 1.Tamil Nadu | 13.9 | 13.4 | 13.7 | 14.3 |
| 2. Karnataka | 12.0 | 12.1 | 12.0 | 11.7 |
| 3.Madhya Pradesh | 8.8 | 9.8 | 10.6 | 10.8 |
| 4.Andhra Pradesh | 11.5 | 11.2 | 10.1 | 10.2 |
| 5.Maharashtra | 9.2 | 10.1 | 9.3 | 8.9 |
| Share of the above 5 States in total Registered Vehicles. | 41.5 | 41.9 | 42.0 | N.A |
| P : Provisional | | | | |

4.2 As can be seen from Table 3, the share of top 5 States in total number of accidents and total number of injuries in road accidents in the country has remained more than 55% in recent years (2007 onwards). The share of the top 5 States in total number of persons killed in road accidents has been around 50% in recent years.

4.3 Among the States, Kerala and Gujarat stand out in contrast as regards accidents. Kerala offers an interesting case as it accounted for a share of 2.9% in the total road accident deaths during 2010 with a share of 4.2% in India's motor vehicle population (Annex-XV). Gujarat, with a share of 9.6% in motor vehicle population, accounted for 5.6% of road accident deaths.

Factors, which may contribute to high rate of accidents, are population density, road density and composition of vehicle population.

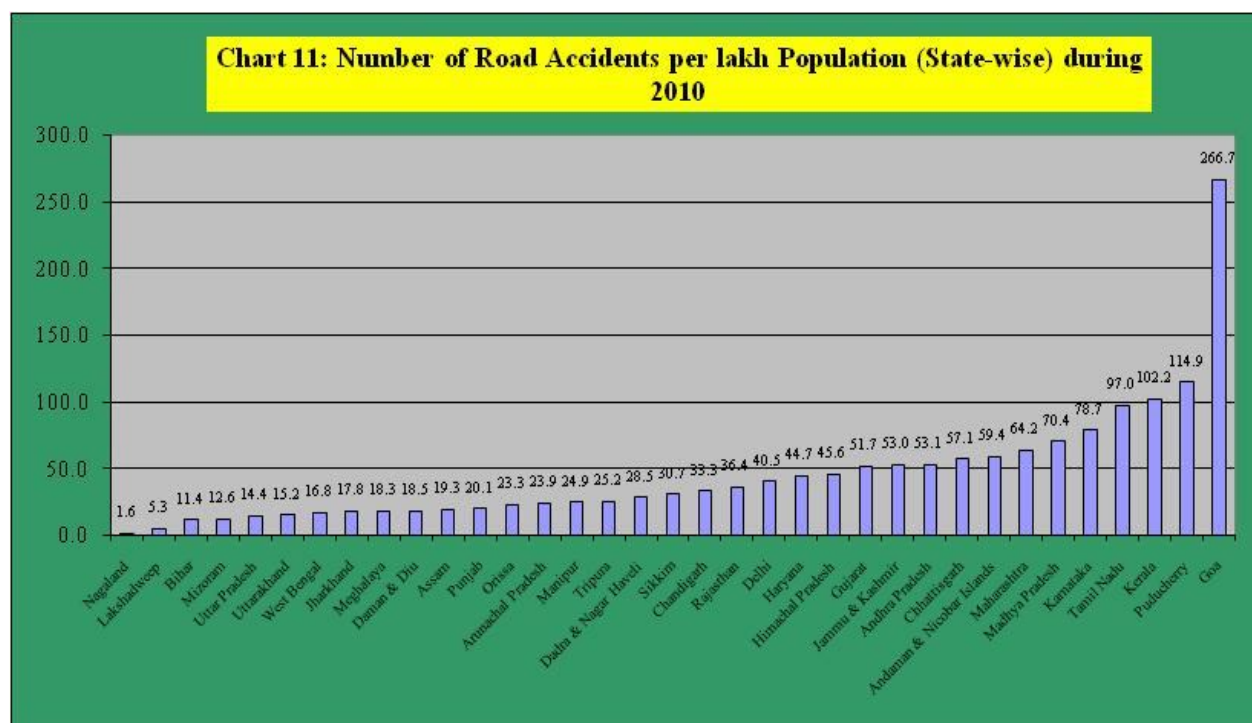
4.4 On the other hand, Gujarat accounts for shares of 6.0% (Annex – II), 5.6% (Annex – III) and 6.2% (Annex – IV) in total road accidents, persons killed and persons injured, respectively, in road accidents in 2010, with a share of 9.6 per cent in India's total vehicle population (Annex-XV)

Incidence of Road Accidents, Injuries and Deaths: States & UTs

4.5 Inter-State/UT comparisons of accident related data need to be viewed keeping in view the differences in road network, state of roads, size of human and vehicular population, levels of urbanization and accident reporting systems. These parameters have implications for accident rates across the States. Incidence of accidents normalized in terms of road length, human population or vehicle population provides comparable accident data across States and UTs.

Per Lakh of Population

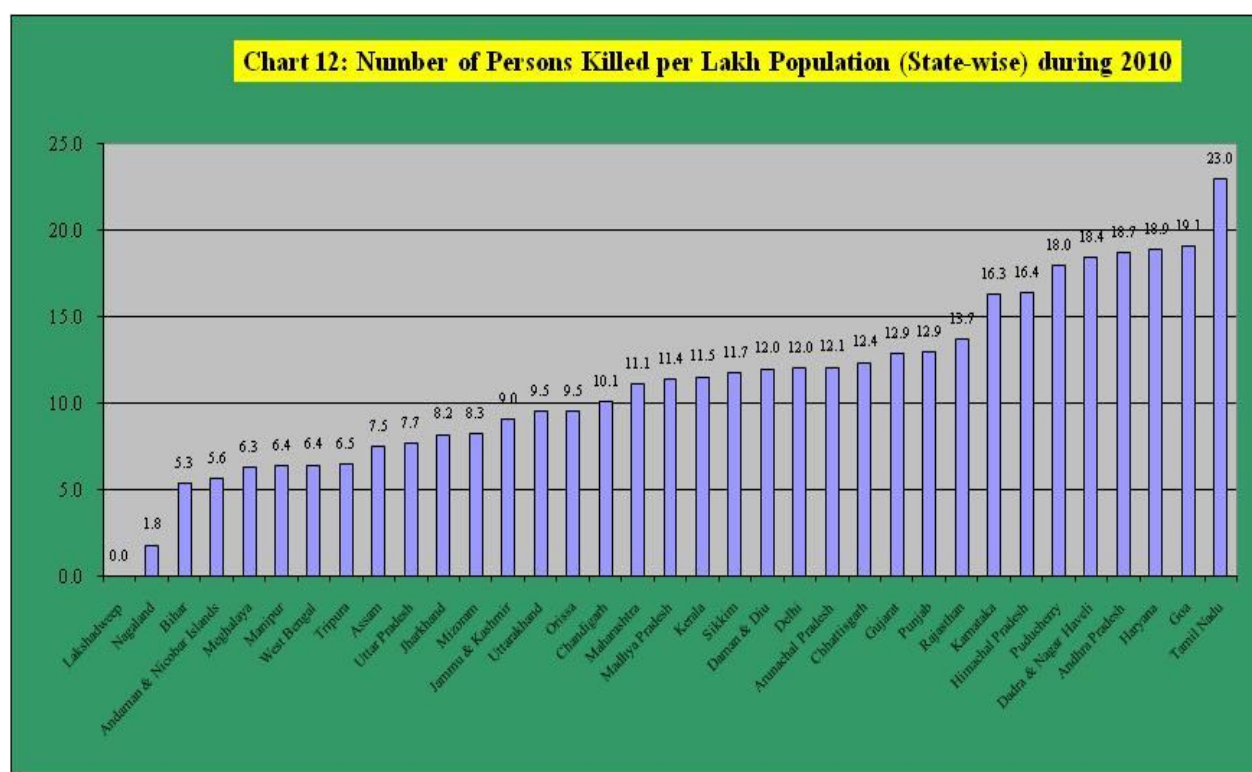
4.6 The number of road accidents per lakh of population at all-India level has slightly edged up from about 39.8 in 2004 to 42.5 in 2010, with wide variations among States. During 2010, the number of road accidents per lakh of population was highest in Goa (267), followed by Puducherry (115) in contrast to a low of 1.6 reported by Nagaland (Chart11) (Annex – II).



4.7 The number of persons injured per lakh of population at all-India level due to road accidents has increased from about 42 in year 2005 to about 44.8 in 2010 (Annex – IV) with significant inter-State variations. Goa and Kerala had the highest number of persons injured per

lakh of population at 158 and 121, respectively, in 2010, followed by Puducherry at 113. Lakshadweep, Nagaland and Bihar reported the lowest number of persons injured per lakh of population at around 7, 5 and 8, respectively.

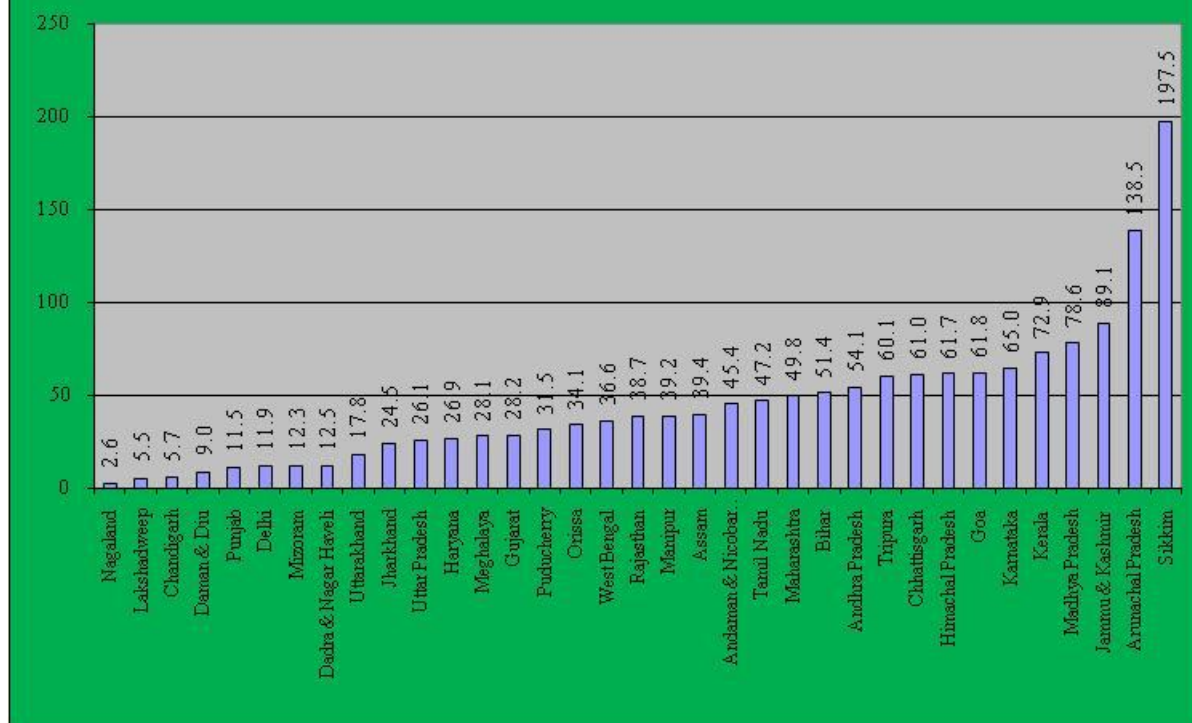
4.8 Number of deaths per lakh of population due to road accidents has risen from 8.6 during 2005 to 11.4 during 2010 with significant variation across States (Annex-III). The highest number of persons killed per lakh of population in 2010 on account of road accidents were in Tamil Nadu (23) followed by Goa (19.1), and Haryana (18.9) (Chart 12). On the other hand, Lakshadweep did not report any persons killed in road accidents during 2010, while Nagaland reported 1.8 persons killed per lakh population.



Per Ten Thousand Vehicles

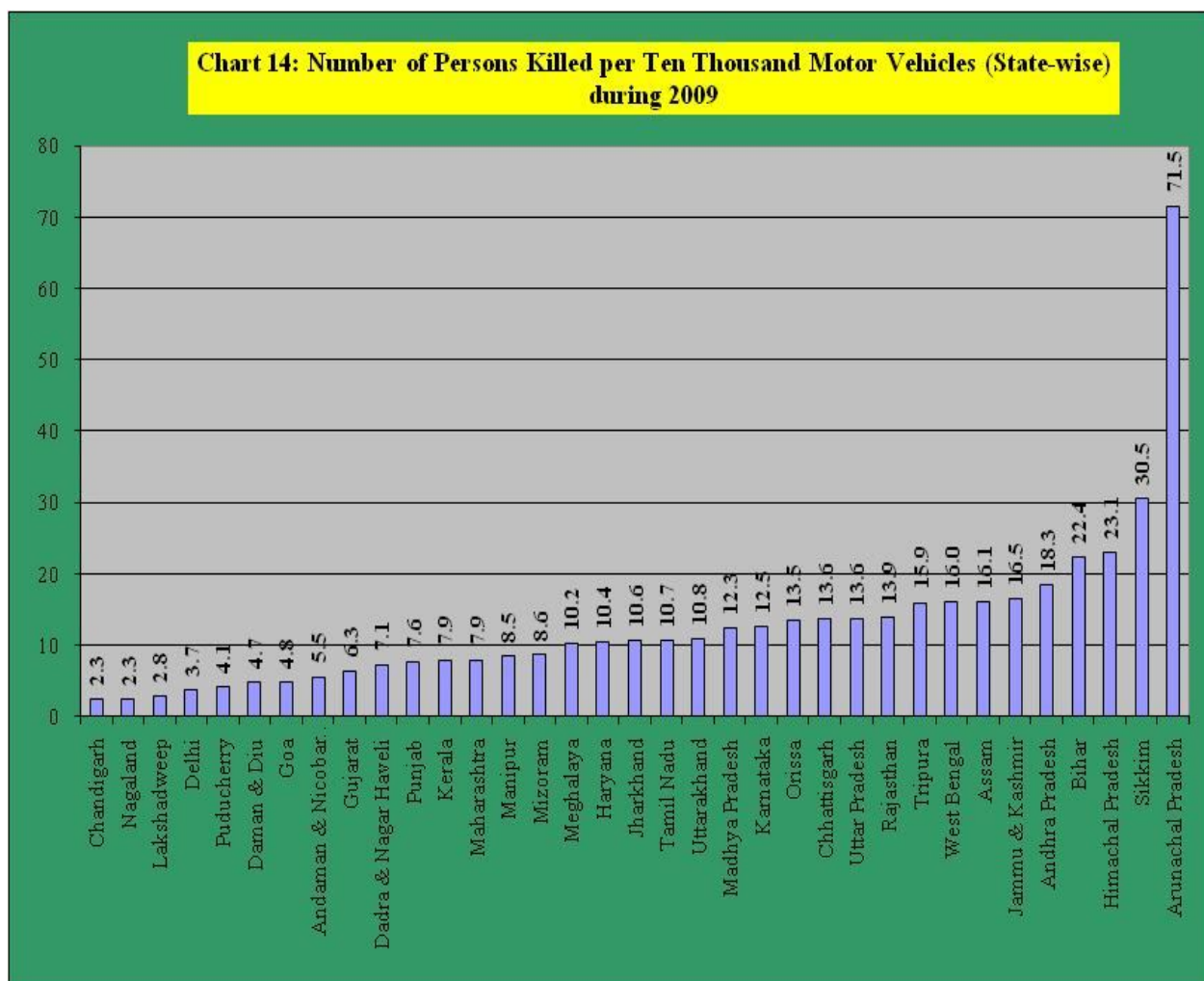
4.9 The all-India average of road accidents per ten thousand vehicles has consistently declined over the years and fallen to about 42 in 2009 with variations across the States/UTs (Annex-II). For the year 2009, Sikkim had the highest number of road accidents per 10,000 vehicle population at about 198 followed by Arunachal Pradesh at 139 (Chart 13); the lowest figure reported was by Nagaland (2.6).

Chart 13: Number of Road Accidents per Ten Thousand Vehicles (State-wise) during 2009



4.10 Similarly, the number of persons injured due to road accidents per 10,000 vehicles has consistently fallen over the years from 500 in 1970 to 45 in 2009 with variation across States /UTs (Annex-IV). For the year 2009, Arunachal Pradesh had the highest number of persons injured per 10,000 vehicles at around 240, followed by Sikkim at 152.

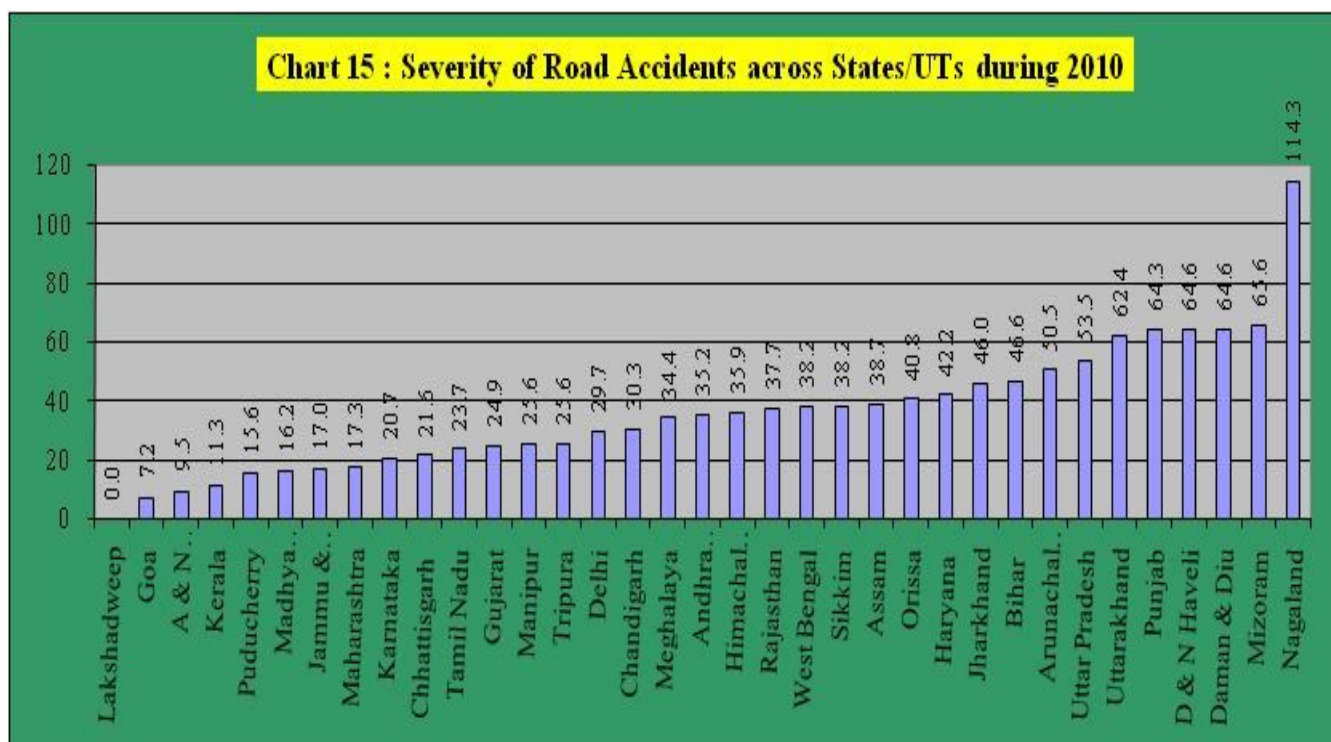
4.11 The number of persons killed due to road accidents per 10,000 vehicles shows a steep fall from 28 in 1990 to 10.9 in 2009 with variation across the States (Annex – III). In terms of fatalities, Arunachal Pradesh and Sikkim had the highest road related accident deaths per ten thousand vehicles at 72 and 31, respectively, during 2009 (Chart 14).



Severity of Road Accidents across States/UTs

4.12 Table 4 gives the State-wise severity of road accidents in India. An interesting fact which can be seen is that while the state of Nagaland had very low figures of number of accidents and number of persons killed per lakh population and per ten thousand motor vehicles, the severity of road accidents was the highest for Nagaland (Chart 15). Nagaland was also the only State with number of persons killed per 100 accidents being more than 100. The second highest State in terms of severity of road accidents was Mizoram, with nearly 66 people being killed per 100 accidents.

| Table 4 : Severity of Road Accidents in India (State/UT-wise): 2007-2010 | | | | | |
|---|---------------------------|---|-------------|-------------|-----------------|
| S. No. | State/UT | Persons Killed per 100 Accidents | | | |
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | Andhra Pradesh | 30.6 | 32.4 | 33.9 | 35.2 |
| 2 | Arunachal Pradesh | 39.6 | 47.9 | 51.6 | 50.5 |
| 3 | Assam | 36.4 | 38.6 | 40.9 | 38.7 |
| 4 | Bihar | 44.8 | 43.8 | 43.6 | 46.6 |
| 5 | Chhattisgarh | 21.2 | 22.9 | 22.2 | 21.6 |
| 6 | Goa | 8.0 | 7.6 | 7.7 | 7.2 |
| 7 | Gujarat | 20.6 | 21.0 | 22.5 | 24.9 |
| 8 | Haryana | 36.8 | 38.8 | 38.6 | 42.2 |
| 9 | Himachal Pradesh | 33.1 | 30.8 | 37.4 | 35.9 |
| 10 | Jammu & Kashmir | 16.3 | 17.8 | 18.5 | 17.0 |
| 11 | Jharkhand | 39.4 | 39.7 | 43.4 | 46.0 |
| 12 | Karnataka | 18.9 | 19.0 | 19.3 | 20.7 |
| 13 | Kerala | 9.5 | 10.5 | 10.8 | 11.3 |
| 14 | Madhya Pradesh | 15.9 | 15.2 | 15.6 | 16.2 |
| 15 | Maharashtra | 15.2 | 16.4 | 15.8 | 17.3 |
| 16 | Manipur | 21.2 | 26.4 | 21.6 | 25.6 |
| 17 | Meghalaya | 42.3 | 41.8 | 36.4 | 34.4 |
| 18 | Mizoram | 64.9 | 57.3 | 69.8 | 65.6 |
| 19 | Nagaland | 37.2 | 92.1 | 87.3 | 114.3 |
| 20 | Odisha | 36.5 | 37.6 | 39.7 | 40.8 |
| 21 | Punjab | 64.6 | 62.7 | 65.9 | 64.3 |
| 22 | Rajasthan | 34.1 | 35.4 | 36.0 | 37.7 |
| 23 | Sikkim | 34.7 | 40.3 | 15.4 | 38.2 |
| 24 | Tamil Nadu | 20.4 | 21.2 | 22.6 | 23.7 |
| 25 | Tripura | 27.8 | 28.8 | 26.5 | 25.6 |
| 26 | Uttarakhand | 64.9 | 75.7 | 60.8 | 62.4 |
| 27 | Uttar Pradesh | 53.0 | 51.3 | 52.0 | 53.5 |
| 28 | West Bengal | 40.7 | 39.2 | 43.7 | 38.2 |
| 29 | Andaman & Nicobar Islands | 13.3 | 11.5 | 12.2 | 9.5 |
| 30 | Chandigarh | 28.3 | 30.7 | 40.3 | 30.3 |
| 31 | Dadra & Nagar Haveli | 56.9 | 56.0 | 57.0 | 64.6 |
| 32 | Daman & Diu | 48.3 | 58.0 | 52.4 | 64.6 |
| 33 | Delhi | 24.8 | 24.8 | 30.9 | 29.7 |
| 34 | Lakshadweep | 0.0 | 0.0 | 50.0 | 0.0 |
| 35 | Puducherry | 14.6 | 12.5 | 12.8 | 15.6 |
| | National Average | 23.9 | 24.7 | 25.8 | 26.9 |
| P: Provisional | | | | | |

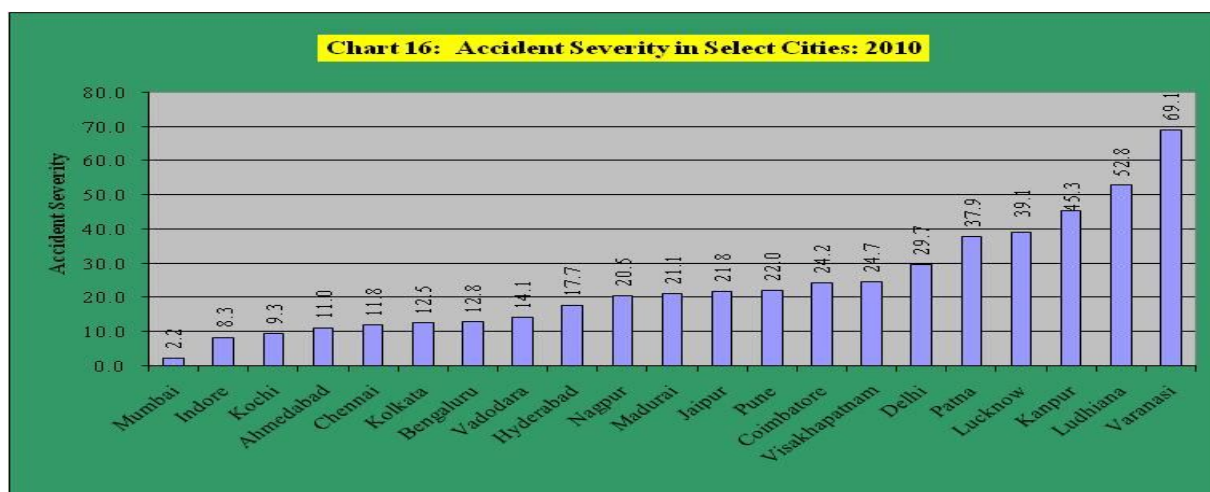


5. Select Cities: Road Accidents, Injuries, Deaths and Severity

5.1 The data on road accidents is being collected from 23 select cities of India. For the year 2010, the 21 cities which reported data, accounted for a share of 15.4% in total road accidents in the country, 9.1% in total persons injured and 7.6% in total persons killed in road accidents (Table 5). These 23 cities accounted for a much higher share of 27% in total vehicles registered in the country in 2009. An important accident related parameter is the extent of accident severity (road accident related deaths per 100 accidents). It varies from a low of 2.2 in Mumbai to a high of about 69.1 in Varanasi (Table 6). The cities reporting very high accident severity of more than 35 included Ludhiana (52.8), Kanpur (45.3), Lucknow (39.1) and Patna (37.9) (Chart 16).

| Table 5: Per cent Share of 21 Cities in Road Accidents during 2010 | | |
|--|-----------------|------|
| 1 | All Accidents | 15.4 |
| 2 | Fatal Accidents | 8.1 |
| 3 | Persons Killed | 7.6 |
| 4 | Persons Injured | 9.1 |

| Table 6: Road Accident Profile of Select Cities (2010) | | | | | | |
|--|------------------------|------------------------|----------------------|-----------------------|------------------------|---------------------------|
| Sl. No. | Name of city | Total number of | | | | Accident Severity* |
| | | Fatal Accidents | All Accidents | Persons Killed | Persons Injured | |
| 1 | Ahmedabad | 226 | 2135 | 235 | 2,124 | 11.0 |
| 2 | Bengaluru | 791 | 6490 | 832 | 5,376 | 12.8 |
| 3 | Chennai | 590 | 5,123 | 607 | 4,425 | 11.8 |
| 4 | Coimbatore | 264 | 1,131 | 274 | 1,066 | 24.2 |
| 5 | Delhi | 2,104 | 7,260 | 2,153 | 7,108 | 29.7 |
| 6 | Hyderabad | 473 | 2797 | 494 | 2,662 | 17.7 |
| 7 | Indore | 383 | 4961 | 414 | 4,180 | 8.3 |
| 8 | Jaipur | 414 | 2000 | 436 | 1,808 | 21.8 |
| 9 | Kanpur | 558 | 1413 | 640 | 1,249 | 45.3 |
| 10 | Kochi | 153 | 1779 | 166 | 1,783 | 9.3 |
| 11 | Kolkata | 341 | 2843 | 354 | 2,239 | 12.5 |
| 12 | Lucknow | 482 | 1275 | 498 | 709 | 39.1 |
| 13 | Ludhiana | 222 | 430 | 227 | 239 | 52.8 |
| 14 | Madurai | 120 | 568 | 120 | 526 | 21.1 |
| 15 | Mumbai | 609 | 28424 | 637 | 5,940 | 2.2 |
| 16 | Nagpur | 301 | 1548 | 317 | 1,404 | 20.5 |
| 17 | Patna | 444 | 1170 | 444 | 606 | 37.9 |
| 18 | Pune | 417 | 1999 | 439 | 1,701 | 22.0 |
| 19 | Vadodara | 180 | 1335 | 188 | 1,121 | 14.1 |
| 20 | Varanasi | 234 | 359 | 248 | 126 | 69.1 |
| 21 | Visakhapatnam | 437 | 1865 | 460 | 1,804 | 24.7 |
| | Total 21 cities | 9,743 | 76,905 | 10,183 | 48,196 | 13.2 |
| | All India | 119,558 | 499,628 | 134,513 | 527,512 | 26.9 |
| Note: * Accident Severity: Road accident deaths/100 accidents NR : Not Reported | | | | | | |



6. Accidents in terms of Classification of Roads

6.1 National Highways accounted for 30% in total road accidents and 36.0% in total number of persons killed in 2010. State Highways accounted for 24.5% of total accidents and a share of 27.3% in the total number of persons killed in road accidents in 2010 (Tables 7 and 8). Highways permit greater speed resulting in relatively greater number of road accidents and fatalities. State-wise break up of accidents, injuries and deaths due to road accidents on stretches of National and State Highways are given in Annex-V to X.

Table 7: Number of Accidents and Number of Persons Killed and Injured as per Type of Road: 2001 to 2010

| Year | National Highways | | | State Highways | | |
|-------------------|--------------------------------|--------------------------|---------------------------|--------------------------------|--------------------------|---------------------------|
| | Percentage Share in | | | Percentage Share in | | |
| | Total Number of Road Accidents | Number of Persons Killed | Number of Persons Injured | Total Number of Road Accidents | Number of Persons Killed | Number of Persons Injured |
| 2001 | 28.6 | 39.7 | 29.5 | 22.5 | 27.6 | 25.6 |
| 2002 | 32.3 | 39.7 | 32.4 | 23.5 | 27.2 | 25.4 |
| 2003 | 31.4 | 38.6 | 30.1 | 22.4 | 28.2 | 26.7 |
| 2004 | 30.3 | 37.5 | 30.8 | 23.5 | 26.9 | 24.9 |
| 2005 | 29.6 | 37.3 | 31.3 | 23.6 | 27.2 | 25.7 |
| 2006 | 30.4 | 37.7 | 30.8 | 18.5 | 26.8 | 24.9 |
| 2007 | 29.0 | 35.5 | 30.2 | 24.4 | 27.7 | 26.2 |
| 2008 | 28.5 | 35.6 | 28.6 | 25.6 | 28.4 | 27.5 |
| 2009 | 29.3 | 36.0 | 29.6 | 23.8 | 27.1 | 25.5 |
| 2010 (P) | 30.0 | 36.1 | 31.3 | 24.5 | 27.3 | 26.0 |
| (P) : Provisional | | | | | | |

Table 8: Number of Accidents, Persons Killed & Injured as per Road Classification (2010)

| Road Classification | National Highways | State Highways | Other Roads |
|---|--------------------------|-----------------------|--------------------|
| No. of Accidents | 149,929 (30.0) | 122,406 (24.5) | 227,293 (45.5) |
| No. of Persons Killed | 48,466 (36.1) | 36,771 (27.3) | 49,276 (36.6) |
| No. of Persons Injured | 165,012 (31.3) | 137,364 (26.0) | 225,136 (42.7) |
| Note: Figures within parentheses indicate share in total accidents, killed and injured in the respective road categories. | | | |

7. Spatial Distribution of Road Accidents (Urban vis-à-vis Rural)

7.1 In 2010, the total number of accidents that occurred in rural areas was more than that in the urban areas; the former accounting for 53.2% (265,871) and the latter accounting for 46.8% (233,757) of total accidents (Annex-XVII). Rural areas also had more fatalities (60.6%) than urban areas (39.4%). The number of persons injured was also more in rural areas (57.9%) as compared to urban areas (42.1%).

8. Accidents in terms of involvement by Vehicle type

8.1 Motorized vehicles accounted for 93.4% of the total road accidents while the non-motorized vehicles and other objects accounted for a small share of 6.6% in the total number of accidents in the year 2010. Amongst the vehicle categories, two-wheelers accounted for the highest share in total road accidents (23.8%), followed by trucks, tempos, tractors and other articulated vehicles (23.3%), cars, jeeps and taxis (21.8%), buses (9.5%), auto rickshaws (7.3%) and other motor vehicles (7.8%) in 2010 (Table 9). Details of accidents in terms of vehicle typology are given in Annex-XIV. The category of 'trucks, tempos, tractors and other articulated vehicles' accounted for the highest proportion of fatalities (29.6 per cent of the persons killed). The share of various vehicle categories in total road accidents, persons killed and persons injured are given in Charts 17, 18 and 19, respectively.

Table 9: Share of Different Vehicles in total Road Accidents, Fatal Accidents, Persons Killed and Persons Injured (2010)

| Parameters | Two-wheelers | Auto-rickshaws | Cars | Buses | Trucks, tempos, tractors and other articulated vehicles | Other Motor Vehicles | Other Vehicles/ Objects |
|-------------------|---------------------|-----------------------|-------------|--------------|--|-----------------------------|--------------------------------|
| Accidents | 23.8 | 7.3 | 21.8 | 9.5 | 23.3 | 7.8 | 6.6 |
| Fatal Accidents | 19.1 | 4.7 | 19.2 | 9.9 | 29.4 | 9.8 | 7.9 |
| Persons Killed | 18.3 | 4.7 | 19.2 | 10.3 | 29.6 | 10.2 | 7.8 |
| Persons Injured * | 21.9 | 8.2 | 22.7 | 12.5 | 21.5 | 8.0 | 5.1 |

Note: Cars includes jeeps & taxis, Two-Wheelers includes Motor cycle, Scooter & Moped; Other Vehicles/Objects includes Cycle, Cycle rickshaws, Hand drawn vehicle, Pedestrian, Animal, Tree, Level crossing & Other fixed objects.

* Excludes Delhi for which break-up was not available.

Chart 17 : Per cent Share in Total Road Accidents by Type of Motor Vehicle (Primarily Responsible): 2010

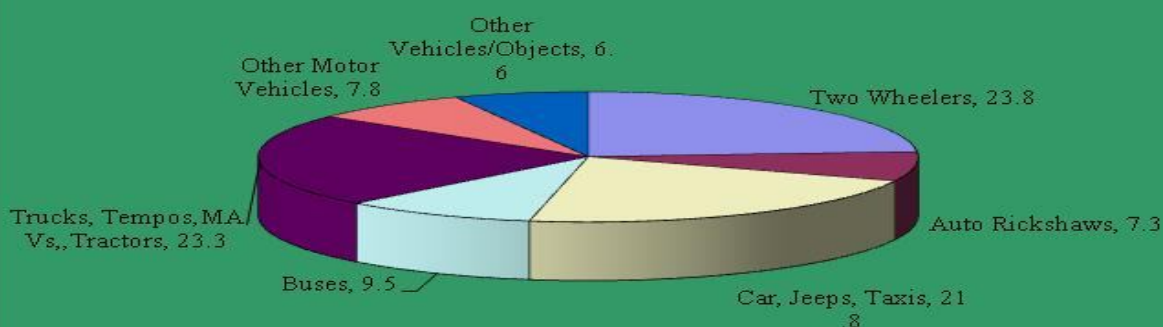


Chart 18 : Per cent Share of Persons Killed in Road Accidents by Type of Motor Vehicle (Primarily Responsible): 2010

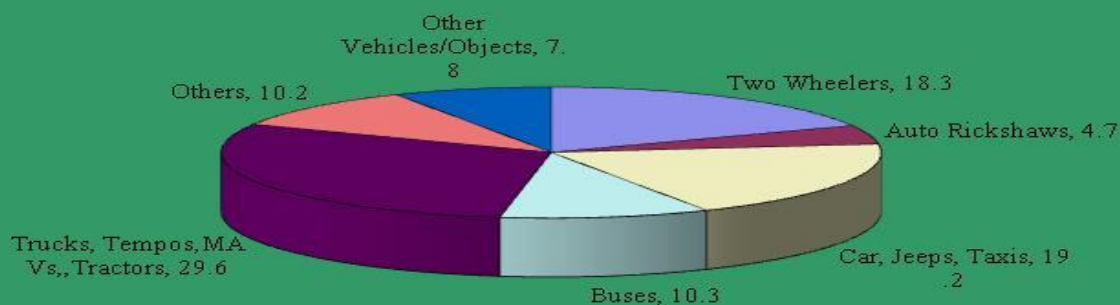
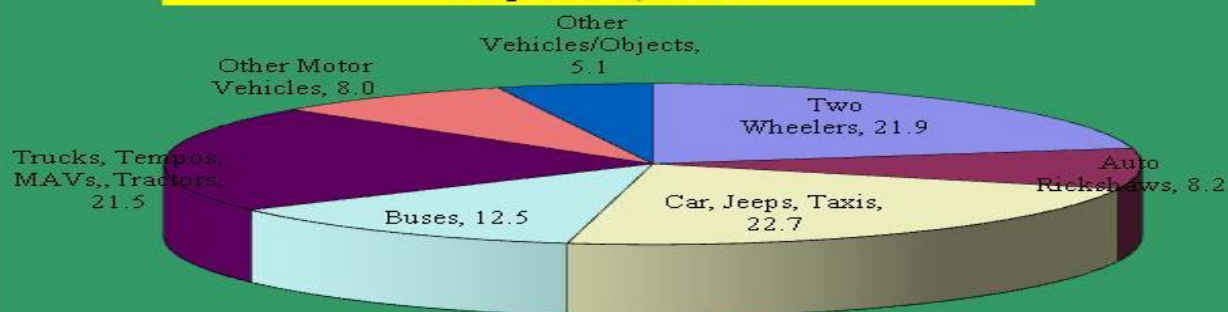


Chart 19 : Per cent Share of Persons Injured in Road Accidents by Type of Motor Vehicles* (Primarily Responsible): 2010



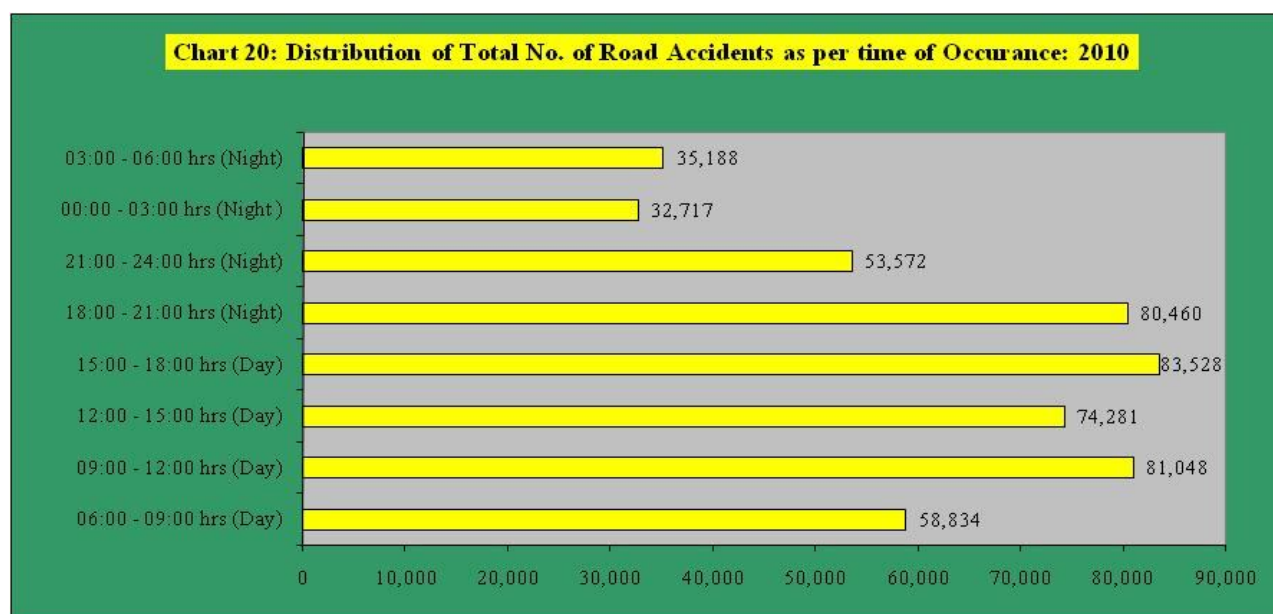
* Excludes Delhi for which break-up was not available.

Occupants of (i) two-wheelers, (ii) passenger cars and taxis, (iii) trucks and (iv) buses accounted for 26.2%, 15.5%, 13.3% and 8.3%, respectively, of total road fatalities. Bicycle riders (4.6%) and pedestrians (8.7%) are the most unprotected road users and have to share scarce road space with motorized vehicles of different engine power and speed resulting in serious conflicts within traffic flows. For State-wise data, refer Annex-XVII.

9. Time of Occurrence of Road Accidents

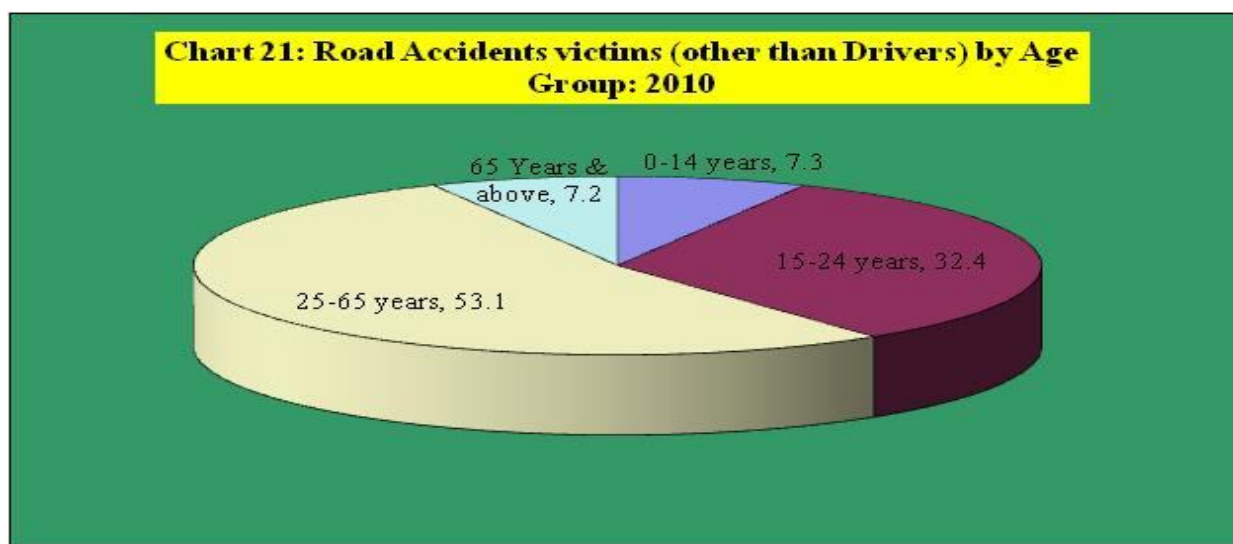
9.1 For framing strategies for prevention and for organization of care of accident victims, information on timing of accidents is a prerequisite. During 2010 the slots with high rates of road accidents were 15:00–18:00 hours, 09:00–12:00 hours and 18:00–21:00 hours (Chart 20). The distribution of the total accidents during night time (6 PM to 6 AM) and day time (6 AM to 6 PM) is approximately in the ratio of 2:3 i.e. about 40 per cent during night time and 60 per cent during daytime (Table 10).

| Time | No. of Accidents | Per cent Share in total Accidents |
|-----------------------------|-------------------------|--|
| 06:00 - 09:00 hrs (Day) | 58,834 | 11.8 |
| 09:00 - 12:00 hrs (Day) | 81,048 | 16.2 |
| 12:00 - 15:00 hrs (Day) | 74,281 | 14.9 |
| 15:00 - 18:00 hrs (Day) | 83,528 | 16.7 |
| 18:00 - 21:00 hrs (Night) | 80,460 | 16.1 |
| 21:00 - 24:00 hrs (Night) | 53,572 | 10.7 |
| 00:00 - 03:00 hrs (Night) | 32,717 | 6.6 |
| 03:00 - 06:00 hrs (Night) | 35,188 | 7.0 |
| Total for 24 hrs whole year | 499,628 | 100.0 |



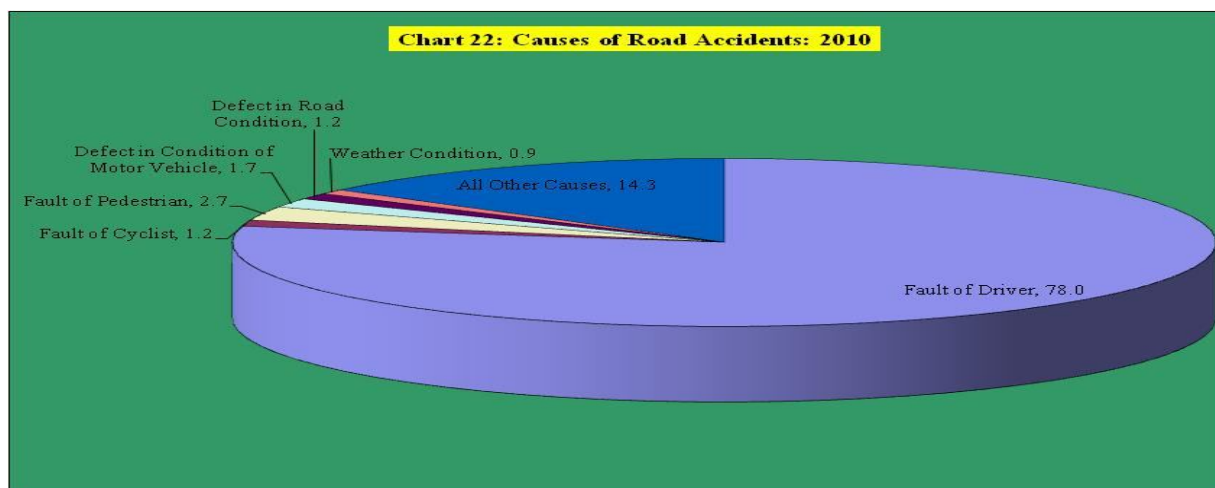
10. Age Profile of Accident Victims (Other than Drivers)

10.1 The detailed age profile of accident victims other than the drivers, for the year 2010, reveals that the age group (25-65 years) accounted for the largest share of 53.1 per cent of total road accident casualties, followed by the age group (15-24 years) with a share of 32.4 per cent (Chart 21). More than half of the road traffic casualties are in the wage earning age group. The loss of the main earning member can be disastrous, leading to fall in income of the household and lower living standards.



11. Causes of Road Accidents

11.1 The high socio-economic cost of the injuries and fatalities, occurring due to road accidents, and the need for effective policies for curbing road accidents make it imperative to study the causes of road accidents. The analysis of road accidents in terms of causal factors reveals that drivers' fault is the single most important factor responsible for accidents, fatalities and injuries. Drivers' fault accounted for 78.0 % (389,885 accidents) of total accidents; 74.6 % (100,319) of the total number of persons killed and 79.8 % (420,823) of the total number of persons injured in road accidents during 2010 (Chart 22). The fault of the cyclists and that of the pedestrians appears to be of a marginal consequence accounting for a share of 1.2 % and 2.7 %, respectively in road accidents during 2010. Similarly, cyclists and pedestrians were responsible for about 1.3 % and 2.6 %, respectively, of total number of persons killed in road accidents. Defects in the motor vehicles caused 1.7 % of road accidents and 2.3 % of fatalities in road accidents. Causes of accidents across the States are provided in Annex-XI.



11.2 Within the category of drivers' fault, accidents caused and persons killed due to 'Exceeding lawful speed', accounted for a high share of 58.3 per cent (227,307 out of 389,885 accidents caused by drivers' fault) and 56.0 per cent (56,203 out of 100,319), respectively. State-wise details are at Annex-XII.

11.3 Intake of alcohol / drugs by drivers resulted in 31,000 road accidents and 9,976 fatalities. As a proportion of total accidents and deaths due to 'drivers' fault', intake of alcohol/drugs accounted for 8.0 per cent and 9.9 per cent, respectively. State-wise details are at Annex-XII.

11.4 Overloading/overcrowding of vehicles accounted for 109,357 road accidents and 31,974 road deaths. As a share of total road accidents and deaths, these figures constituted 21.9 per cent and 23.8 per cent, respectively. State-wise details are at Annex-XIII.

12. International Comparison of Road Traffic Injury Accidents and Deaths

12.1 Cross country comparisons of incidence of road accident related deaths and injury accidents per lakh persons as per World Road Statistics 2010 (published by International Road Federation, Geneva) showed lower incidence of both the parameters for India in comparison to many developed and developing countries. The number of road accident deaths per lakh of population at 10.8 in India was much lower compared with 12.08 in the Republic of Korea, 12.25 in USA and the Russian Federation (21.06) (Chart 23). The highest number of deaths per lakh of population was reported for Anguilla (31.25) in 2007, followed closely by South Africa (31.18) in 2007. For the year 2008, Malaysia reported the highest figure of 24.16 and the Philippines reported the lowest number of deaths per lakh population at 1.21 in 2008. Countries which showed lower persons killed per 100,000 population were Japan (4.04), United Kingdom (4.13), Germany (5.45) and China (5.55). Similarly, injury accidents per lakh of population both in India and China were substantially lower at around 36.58 and 20.02, respectively, when compared with France (119.63), United Kingdom (287.88), Germany (390.47), Republic of Korea (444.01) and the U.S.A. (536.08). Qatar reported the highest injury accident rate at 9988.55 in 2002, but for 2008 the highest figure was reported by Japan (599.94). Niger (3.38) and Philippines (4.39) reported the lowest figures in respect of injury accidents per 100,000 persons. A cross country comparison of incidence of road related deaths and injury accidents of select countries are given in Table 11.

Chart 23: Country-wise Number of Persons Killed per 100,000 Population

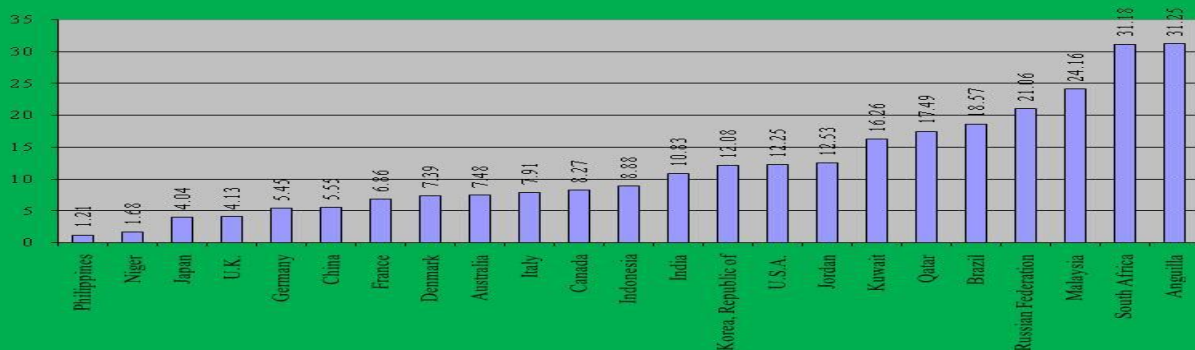


Table 11: Cross Country Comparison of Incidence of Road related Deaths and Injury Accidents in 2008*

| Sl. No. | Country | Killed per 100,000 Population | Injury Accidents per 100,000 Population |
|---------|--------------------------|-------------------------------|---|
| 1 | Anguilla | 31.25 (2007) | N.A. |
| 2 | Australia | 7.48 | 6.78 |
| 3 | Brazil | 18.57 (2006) | 61.15 (2004) |
| 4 | Canada | 8.27 | 415.10 |
| 5 | China | 5.55 | 20.02 |
| 6 | Denmark | 7.39 | 91.38 |
| 7 | France | 6.86 | 119.63 |
| 8 | Germany | 5.45 | 390.47 |
| 9 | Indonesia | 8.88 | 26.02 |
| 10 | India | 10.83 (2009) | 36.58 (2009) |
| 11 | Italy | 7.91 | 365.96 |
| 12 | Japan | 4.04 | 599.94 |
| 13 | Jordan | 12.53 | 1711.23 |
| 14 | Korea, Republic of | 12.08 | 444.01 |
| 15 | Kuwait | 16.26 (2004) | 2,231.24 (2004) |
| 16 | Malaysia | 24.16 | 1380.92 |
| 17 | Niger | 1.68 | 3.38 |
| 18 | Philippines | 1.21 | 4.39 |
| 19 | Qatar | 17.49 (2007) | 9,988.55 (2002) |
| 20 | Russian Federation | 21.06 | 153.58 |
| 21 | South Africa | 31.18 (2007) | 306.73 (2007) |
| 22 | United Kingdom | 4.13 | 287.88 |
| 23 | United States of America | 12.25 | 536.08 |

Note: Injury accident refers to road accident resulting in at least one injury or death.

* Data for 2008 or for the latest year available & reported in WRS 2010, (indicated in parentheses).

Sources: 1. For India – Transport Research Wing, Ministry of Road Transport & Highways.

2. For Other Countries - World Road Statistics (WRS) 2010.

12.2 The World Health Organization brought out its Global Status Report on Road Safety in June 2009. This report involved the first broad assessment of the status of road safety in 178 countries, using data drawn from a standardized survey conducted in 2008. This report also cites data from the World Health Statistics (Table 12) to indicate that road traffic injuries would become the fifth highest leading cause of death, outranking diabetes mellitus, HIV/AIDS, certain form of cancers and tuberculosis, in 2030 as compared to its ninth position in 2004.

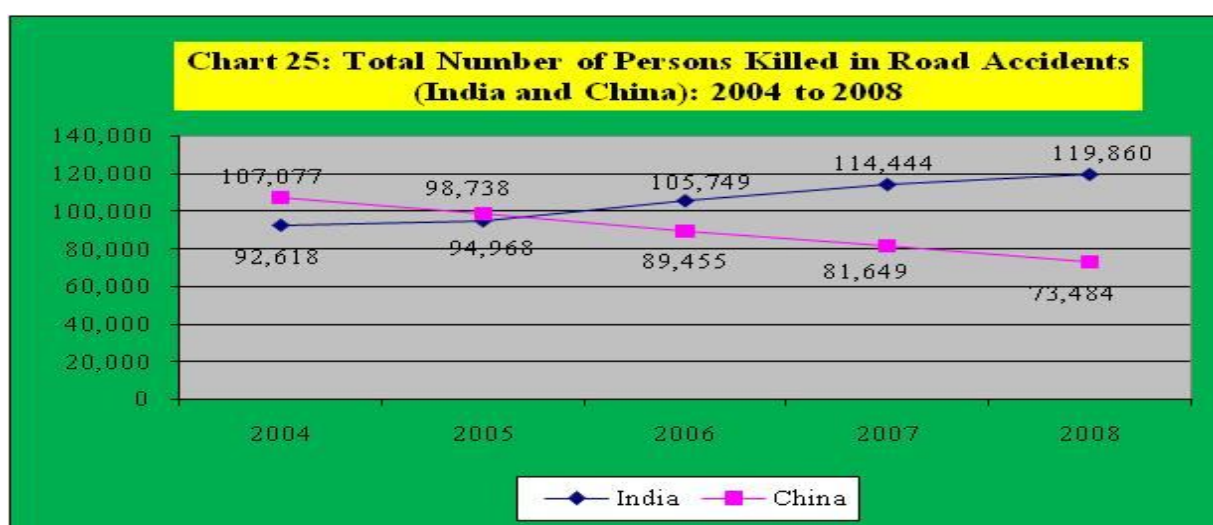
| Table 12: Leading Causes of Death, 2004 and 2030 | | | | | |
|---|---------------------------------------|------------|-------------------|---------------------------------------|------------|
| TOTAL 2004 | | | TOTAL 2030 | | |
| Rank | Leading Cause | % | Rank | Leading Cause | % |
| 1 | Ischaemic heart disease | 12.2 | 1. | Ischaemic heart disease | 12.2 |
| 2. | Cerebrovascular disease | 9.7 | 2. | Cerebrovascular disease | 9.7 |
| 3. | Lower respiratory infections | 7.0 | 3. | Chronic obstructive pulmonary disease | 7.0 |
| 4 | Chronic Obstructive pulmonary disease | 5.1 | 4. | Lower respiratory infections | 5.1 |
| 5. | Diarrhoeal diseases | 3.6 | 5. | Road traffic injuries | 3.6 |
| 6. | HIV/AIDS | 3.5 | 6. | Trachea, bronchus, lung cancers | 3.5 |
| 7. | Tuberculosis | 2.5 | 7. | Diabetes mellitus | 2.5 |
| 8. | Trachea, bronchus, lung cancers | 2.3 | 8. | Hypertensive heart disease | 2.3 |
| 9 | Road traffic injuries | 2.2 | 9. | Stomach cancer | 2.2 |
| 10 | Prematurity and low birth weight | 2.0 | 10. | HIV/AIDS | 2.0 |
| 11. | Neonatal infections and other | 1.9 | 11. | Nephritis and nephrosis | 1.9 |
| 12. | Diabetes mellitus | 1.9 | 12. | Self-inflicted injuries | 1.9 |
| 13. | Malaria | 1.7 | 13. | Liver cancer | 1.7 |
| 14. | Hypertensive heart disease | 1.5 | 14. | Colon and rectum cancer | 1.7 |
| 15. | Birth asphyxia and birth trauma | 1.5 | 15. | Oesophagus cancer | 1.5 |
| 16. | Self-inflicted injuries | 1.4 | 16. | Violence | 1.4 |
| 17. | Stomach cancer | 1.4 | 17. | Alzheimer and other dementias | 1.4 |
| 18. | Cirrhosis of the liver | 1.3 | 18. | Cirrhosis of the liver | 1.3 |
| 19 | Nephritis and nephrosis | 1.3 | 19. | Breast cancer | 1.3 |
| 20. | Colon and rectum cancers | 1.1 | 20. | Tuberculosis | 1.1 |

Source: World Health Statistics 2008 cited in Global Status Report on Road Safety: A Time for Action, WHO.

12.3 A comparative status of road accidents and persons killed between China and India is given in Table 13. Charts 24 and 25 clearly bring out that whereas in China both road accidents and fatalities are on a downward slide; in case of India both road accidents and number of persons killed are steadily rising.

| Table 13: Trends in Road Accident Scenario: India and China (2004 to 2008) | | | | |
|---|------------------------------|--------------|------------------------------|--------------|
| Year | No. of Road Accidents | | No. of Persons Killed | |
| | India | China | India | China |
| 2004 | 429,910 | 517,889 | 92,618 | 107,077 |
| 2005 | 439,255 | 450,254 | 94,968 | 98,738 |
| 2006 | 460,920 | 3,8,781 | 105,749 | 89,455 |
| 2007 | 479,216 | 327,209 | 114,444 | 81,649 |
| 2008 | 484,704 | 265,204 | 119,860 | 73,484 |

Source: World Road Statistics 2010, International Road Federation, Geneva, for data on China; State Police Departments for data on India.



13. Recent Road Safety Initiatives by the Government of India

13.1 Measures taken to minimize accidents

13.1.1 The main thrust of accident prevention and control across the world has been on 4 Es, viz. (i) Education, (ii) Enforcement, (iii) Engineering and (iv) Environment and Emergency care of road accident victims. The Government of India has been focusing on all these four approaches in its policies and programmes.

13.1.2 As per the deliberations in the last meeting of the National Road Safety Council (NRSC), held on 25th March, 2011, the Ministry constituted five separate working groups on four Es of Road Safety viz. (i) Education (ii) Enforcement (iii) Engineering (roads as well as vehicles) and (iv) Emergency care to lay out the macro and micro dimensions with potential solutions to road safety and to suggest short term and long term measures to curb road accidents in the country. These five groups have submitted their reports. The Ministry intends to bring out a detailed policy document including action plan on road safety on the basis of recommendations of the reports of Working Group on 4 Es.

13.2 Steps taken by Central Government to improve road safety

13.2.1 The safety of road users is primarily the responsibility of the State Government concerned. However, this Ministry has taken several steps to improve road safety for road users which are as under:

- It is ensured that road safety is the integral part of road design at planning stage.
- Various steps to enhance road safety such as road furniture, road markings/road signs, introduction of Highway Traffic Management System using Intelligent Transport System, enhancement of discipline among contractors during construction, road safety audit on selected stretches, have been undertaken by National Highways Authority of India.
- Refresher training to Heavy Motor Vehicle drivers in the unorganized sectors being implemented by the Ministry since 1997-98 under plan activities.
- Setting up of Model Driving Training School in the States by Ministry of Road Transport and Highways.
- Publicity campaign on road safety awareness both through the audio-visual and print media by Ministry of Road Transport and Highways.
- National Awards for voluntary organizations/individual for outstanding work in the field of road safety.
- Tightening of safety standards of vehicles like Seat Belts, Power-steering, rear view mirror, etc.
- Providing cranes and ambulances to various State Governments/NGOs under National Highway Accident Relief Service Scheme. National Highways Authority of India also provides ambulances at a distance of 50 Km. on each of its completed stretches of National Highways under its Operation & Maintenance contracts.
- Widening and improvements of National Highways from 2 lanes to 4 lanes and 4 lanes to 6 lanes, etc.

13.3 Refresher Training for heavy vehicle drivers

13.3.1 This Ministry has a scheme titled “Two days refresher training to heavy motor vehicle drivers in unorganized sector” to inculcate safe driving habits and to acquaint the drivers with the rules on roads. As against 15,740 drivers trained during Ninth Five year Plan, 192,218 drivers were trained during Tenth Five Year Plan. The Ministry intends to train around 80,000 drivers during 2011-12 through SIAM, AIMTC, Automobile Association of Upper India; Krishna District Lorry Association, Vijayawada, IDTR, Sarai Kale Khan, New Delhi; Training Institute on Driving and Research Bellary, Karnataka and DTI at Nagaland.

13.4 Setting up of Model Driving Training School/Institutes of Driving training & research:

13.4.1 The Ministry has felt the need for developing institutional mechanism to provide training to trainers to impart quality training to the drivers, as nearly 78.0% of all road accidents are caused due to drivers’ fault. A scheme for setting up of model driving training school has been formulated by the Ministry. Under the revised scheme, 10 schools at an estimated cost of Rs. 140 crore are proposed to be set up during the Eleventh Five Year Plan. So far, sanction has been accorded by the Ministry for setting up of 7 Institutes of Driving Training and Research, namely

Gujarat, Haryana, Himachal Pradesh, Maharashtra, Madhya Pradesh, Rajasthan and Tamil Nadu. The Ministry is also in process of sanctioning 3 more such institutes.

13.5 National Highway Accident Relief Service Scheme (NHARSS):

13.5.1 The scheme entails providing cranes and ambulances to States/UTs/NGOs for relief and rescue measures in the aftermath of accidents by way of evacuating road accident victims to nearest medical aid centre and for clearing the accident site. So far, 347 Ten ton cranes and 106 small/medium size cranes have been sanctioned under the scheme. 579 ambulances have been sanctioned to States/UTs/NGOs under the scheme. During 2011-12, 30 cranes, 30 ambulances and 20 small/medium sized cranes are proposed to be provided.

13.5.2 Further, Ministry of Road Transport & Highways would provide 140 advanced life support ambulances to 140 identified hospitals to be upgraded under the Ministry of Health and Family Welfare's Scheme 'establishment of an integrated network of Trauma Centers' along the Golden Quadrilateral, North-South and East-West Corridors of the National Highways by upgrading the trauma care facilities in 140 identified State Government hospitals. 70 ambulances have already been provided. Another 70 ambulances will be provided during the Financial Year 2011-12.

13.6 Road Safety Equipments:

13.6.1 The Ministry has a scheme under which road safety equipment are provided to States/UTs for enforcement and implementation of various rules and regulations relating to road safety. Under this scheme so far, 24 Interceptors have been sanctioned for the purpose of detection of violation of rules by road users, such as over-speeding, drunken driving, lane-jumping, dangerous driving, etc.

13.7 Publicity Measures and Awareness Campaign on Road Safety:

13.7.1 With a view to raise road safety awareness among the general public, the Government have been undertaking various publicity measures through DAVP and professional agencies 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.

13.8 National Road Safety Council (NRSC)

13.8.1 NRSC is the apex body for road safety established under Section 215 of Motor Vehicles Act 1988. It is chaired by Minister (RT&H) 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. There are 25 non-official members.

13.8.2 Decisions have been taken to strengthen NRSC. Section 215 of the Motor Vehicles Act also provides setting up of State Road Safety Councils and District Road Safety Committees.

The Ministry has requested all State Governments/UTs on 18.02.2010 and 15th July 2011 of setting up of State Road Safety Council and District Road Safety Committees and hold regular meetings in this regard. Most of the action for Road Safety lies at the State level where enforcement, traffic engineering, rescue and relief measures have to be directed purposefully towards achieving targeted road safety goals.

13.9 Amendments in Motor Vehicles Act, 1988

13.9.1 The Motor Vehicles (Amendment) Bill, 2007 was introduced in the Rajya Sabha in May, 2007 which was referred to the Parliamentary Standing Committee on Transport & Tourism. The Committee had made various recommendations/suggestions which have suitably been addressed. The Law Ministry has cleared the draft Bill and the Ministry will reintroduce the Bill. The important provisions are for enhancement of penalties for traffic violations, delegation of power to States, Responsiveness on the part of Regional Transport Authorities, rationalization of anomalies or provision for new/emerging requirements, and Compensation to road accident victims.

13.10 Sundar Committee on Amendments in Motor Vehicles Act, 1988

13.10.1 A committee under the chairmanship of Shri S. Sundar, Former Secretary, Ministry of Surface Transport and Distinguished Fellow, TERI was set up in 2009 to review the MV Act in a comprehensive manner. The Committee has submitted its report on 02/02/2011. The recommendations of the Committee have been examined. Since Road Transport is in the concurrent list the State Governments are being consulted, thereafter these will be placed before the Cabinet for carrying out further amendments in MV Act 1988.

13.11 Setting up Model Inspection and Certification Centres for Vehicles

13.11.1 The Fitness tests of motor vehicles, being carried out presently are visual in nature, resulting in subjective evaluation by the inspecting officer. The prescribed tests are more of routine nature rather than fulfilling any meaningful exercise. 'In use' vehicles, therefore, require focused attention in the wake of worsening road accident scenario and environmental pollution. The Ministry intends to put in place a suitably designed Inspection and Certification system throughout the country to ensure proper inspection of motor vehicles and to remove the defects before they are allowed to ply on road. Accordingly, a model of automated Inspection & Certification centre was designed and a scheme for setting up of 10 such Centres across 10 States (Andhra Pradesh, Gujarat, Haryana, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, National Capital Region, Rajasthan and Uttar Pradesh) on a pilot basis was approved. These centres will serve as technical centres for testing the roadworthiness of transport vehicles after evaluation of various identified parameters in a scientific manner. Proposals from Andhra Pradesh, Rajasthan, Gujarat, Haryana, Himachal Pradesh, Karnataka, Maharashtra and Madhya Pradesh have already been sanctioned.

13.12 National Road Safety Policy

13.12.1 A Committee under the Chairmanship of Shri S. Sundar, Former Secretary (MoST) was constituted in the year 2005 to deliberate and make recommendations on creation of a dedicated body on road safety and traffic management. The Committee was also subsequently requested to finalise a draft National Road Safety Policy for consideration of the Government. The Committee while submitting its report in February, 2007 inter alia, recommended a draft National Road Safety Policy.

13.12.2 The Union Cabinet in its meeting held on 15.03.2010 has approved the proposal of the Ministry to adopt the National Road Safety Policy. The National Road Safety Policy outlines the policy initiatives to be framed/taken by the Government at all levels to improve the road safety activities in the country. Broadly, it aims at:-

13.12.3 To promote awareness about road safety issues.

- To establish a road safety information database.
- To ensure safer road infrastructure by way of designing safer roads, encouraging application of Intelligent Transport System, etc.
- To ensure fitment of safety features in the vehicles at the stage of designing, manufacture, usage, operation and maintenance.
- To strengthen the system of driver licensing and training to improve the competence of drivers.
- To take measures to ensure safety of vulnerable road users.
- To take appropriate measures for enforcement of safety laws.
- To ensure emergency medical attention for road accident victims.
- To encourage human resource development and R&D for road safety.
- To strengthen the enabling legal, institutional and financial environment for promoting road safety culture in the country.

13.13 Creation of a dedicated body on Road Safety and Traffic Management

- In order to have a dedicated body on road safety and traffic management, this Ministry had introduced a Bill in the Parliament on 04.05.2010 to set up the National Road Safety and Traffic Management Board. As per the Bill, the Board was proposed to be entrusted with the responsibility of recommending standards for design, construction and maintenance of highways, safety standards for motor vehicles, issue guidelines for various aspects concerning road safety, promote capacity building in road safety, streamline data collection and analysis system etc. The Bill also seeks to create a National Road Safety and Traffic Management Fund for providing an independent source for the Board to carry out its road safety activities.
- The Bill was referred to Parliamentary Standing Committee. The Parliamentary Standing Committee has submitted its report to Deputy Chairman, Rajya Sabha on 21.07.2010.
- The Committee has made the various observations and recommended that the present Bill may be withdrawn and the Government should come out with a comprehensive legislation with holistic perspective that addresses the entire gamut of road safety.
- The Government has examined the recommendations of the Committee and the matter is presently under consideration of this Ministry as to whether the National Road Safety and Traffic Management Board needs to be set up at all or otherwise. Final decision is yet to be taken.

13.14 Road Safety Initiatives taken by NHAI

13.14.1 Safety Measures are in-built in the projects during Design, Construction and O&M stage.

- (a) The project designs, while meeting the Safety Standards, provide for various measures to enhance the Road Safety like segregation of local and through traffic by constructing flyovers, underpasses, bypasses, service roads, etc.; user facilities like bus/truck lay by, wayside amenities; safety features like road markings, signages, crash barrier, raised

pavement markers, delineators, lighting in urban areas/bridges/flyovers, speed retarders on cross roads at junction, etc.; and pedestrian facilities like zebra crossings, pedestrian underpasses, foot over bridges, pedestrian guardrails, etc.

- (b) During construction, it is prescribed in the conditions of contract/specifications to provide in Construction Zones – signages, barricades, delineations during day and night, etc.; to take care of safety of workers like personal protection equipment (reflective jackets, helmets, gloves, gumboots spectacles etc.), first-aid equipment and amenities, etc.
- (c) During O&M: Tow away vehicles for removing the breakdown/damaged vehicles, ambulances to provide immediate first-aid during golden hour to the accident victims and subsequent transfer of the accident victim to the nearest hospital/trauma care centre, route patrolling vehicles to check unauthorized activities/guide the road users. These facilities are available at every 50 km of sections of operation on an average. Ministry of Health & Family Welfare is implementing a comprehensive scheme for upgrading Trauma Care Centres along GQ and North South and East West Corridors.

13.15 A Road Safety Cell has been created within NHAI functioning from March, 2009.

13.16 Road Safety Audits

13.16.1 Road Safety Audits on few completed sections and Public Education Campaigns on Golden Quadrilateral have been undertaken.

Safety Audit Completed (More than 6000 Kms):

- I Safety Audit for 12 World Bank Projects of LMNHP completed, having a length of 483 km (May 2009 – April 2010). Reports sent to projects sites for implementation.
- II Safety Audit of Western and Southern corridors of a length of 2,825 km (in the Year 2005) have been completed.
- III Safety Audit of Completed stretches developed on PPP mode is mandatory before COD as per Concessionaire Agreement- 3000 km.

Safety audit in progress/recently awarded.

- I Safety Consultants Appointed (May, 2010) for PPP Projects (DBFO) & Audit commenced 544 km. on following Sections:
 - a. Gurgaon-Jaipur, (226 km):
 - b. Surat-Dihsar, (239 km):
 - c. Chikaluripet –Vijaywada (79 km)
- II Safety consultancy appointed (Nov, 2010) for 53 (DBFO) projects of total length 4,820 km, costing Rs 65 crore all over the country.
The scope of Safety Auditor includes review of design and drawing, Safety Audit during construction stage up to COD.
 - o Holding of 4 days training and Workshop at the start of the Projects and one day Workshop after every six months during Construction stage.
 - o This also includes important elements like classified Traffic Volume Count Survey, Accident Data Collection and Collation, Toll Related Data, DGPS Survey, Pavement Condition Distress and Corridor Efficiency Parameter Survey, roughness Survey,

- Pavement, Bridge Inventory and Assessment, Maintaining and updating of GIS database.
- III Further letter of Award has been issued recently/ being issued for appointment of safety consultant as 18 more projects (DBFO) with a length of 1640 km
- IV Bids for remaining projects (DBFO) and OMT projects is under preparation/process for issuance.
- IIT Delhi engaged as independent Safety Auditor (March'09) for 12 World Bank Projects from Lucknow to Muzaffarpur (LMNHP), Total Length 483 Km.

(A) Scope includes :

- Safety Audit of all packages
- Revision of contract documents,
- Formulation of Work Zone Safety Guidelines and developing a Worksite Safety Management Manual.

(B) Work done so far :

- Comprehensive audit of all packages of LMNHP projects completed to the entire satisfaction of World Bank.
- Guidelines on Work Zone Safety have been formulated by IIT Delhi and approved by Executive Committee of NHAI for implementation. These guidelines have been issued to all Technical Divisions/Regional Officers and project Directors for implementation.
- Comprehensive “WORK SITE ROAD SAFETY MANUAL” prepared and hosted on NHAI website.
- For future FIDIC Contracts, inclusion of specific BOQ items for improving safety conditions of Highways which are not presently covered in Ministry’s specifications has been approved and circulated in NHAI and outside.

13.17 Road Safety Public Education

13.17.1 Road Safety Public Education on all four arms (Delhi-Mumbai, Mumbai-Chennai, Delhi-Kolkata, and Chennai-Kolkata) of GQ as part of the World Bank loan was conducted by the consultants/NGOs in the year 2008 to enhance road safety awareness among drivers and other road users. This study was designed to reduce the risk of accidents through raising the awareness among inhabitants and road users of National Highways.

13.17.2 Current initiatives for public education

As part of public education it has been decided that media Public Education Campaign will be done on about 3,000 km stretches as a part of Consultancy for selection of Media Agency to design and implement PUBLICITY CAMPAIGN for Road Safety and HIV AIDS.

The goal of this service is to reduce the risk of traffic accidents in the project area through raising the awareness among local residents and the users of National Highways Network of Accidents are to be prevented before, during and after upgrading the National Highways.

13.18 Activities of Road Safety Cell, NHAI

13.18.1 Road Safety Cell, NHAI has initiated following Road Safety activities

- Under LMNHP World Bank loan (under procurement).
 - I Appointment of Road Safety Advisor
 - II Monitoring of Project Outcome Indicator and User Satisfaction Survey
- Under TA loan World Bank (under procurement).
 - I Appointment of Consultant for Network Safety Management (under procurement)

13.19 Intelligent Transportation System (ITS)

(a) Automatic Vehicle Counter cum Classifier (AVCC) Systems

Contract agreement has been signed for “Supply, Installation, Commissioning, Operation and Maintenance of Automatic Vehicle Counter cum Classifier (AVCC) Systems” at individual lanes of 10 toll plazas.

(b) Automatic Traffic Counter cum Classifier (ATCC) Systems

NHAI has issued the LOA for conducting Traffic counting with the help of portable ATCC systems on NHs in India so as to audit toll collection on revenue sharing TPs etc. It is expected that the contractor would conduct the traffic survey using portable ATCC and videography for 7 days continuously at predetermined locations. The traffic data will be uploaded on the Webserver so that authorized users of NHAI can view/generate reports.

(c) Weigh-In Motion Systems

The Contract Agreement has been signed with M/s. IRDI-IRDSA Consortium for “Supply, Installation, Commissioning, Operation and Maintenance of Weigh In Motion (WIM) Systems” near 5 toll plaza locations.

(d) Enforcement Stations for overloaded Vehicles

A proposal for setting up of Weight Enforcement Stations at convenient locations approx 1-2 km prior to Toll Plazas is under consideration in the Ministry.

(e) CCTV Surveillance at Toll Plazas

Installation of CCTV cameras for surveillance at the Toll Plazas is provisioned in the MCAs of BOT and OMT projects. In public funded projects, approvals for installing CCTV systems have been accorded for 25 Toll Plazas.

(f) Provision of ITS (HTMS) is BOT (DBFO) Six laning Projects: Concession agreement has provision for providing HTMS on Six laning BOT projects.

13.20 Policy circular issued on work zone Safety and Engineering Measures

Policy circular issued on work zone Safety and Engineering Measures to various PIUs of NHAI.

13.21 Work Shops /Seminars on Road Safety

Work Shops /Seminars on Road Safety and Work Zone Safety including worker’s safety conducted about 400 persons participated and trained by NHAI till now.

13.22 Incident Management on NHs

Ambulances, Route Patrol Vehicles and Tow Away Cranes are provided at an average length of 50 km on NHs entrusted to NHAI. List of all Ambulances, Cranes & Route Patrol Vehicles along with their locations is available on NHAI website. Total 223 ambulances, 229 Route Patrol

vehicles and 198 Tow Away Cranes are in position. In order to ensure their availability on the designated stretch, prevent misuse of these vehicles and for effective control on movement and for convenience of Highway users, these vehicles are painted with unique colour scheme standardized by NHAI. Ambulances are painted with red and white diagonal stripes, Route Patrol Vehicles with blue and white and Cranes with yellow and black stripes. Emergency phone numbers are displayed at every 5 km on either side of highways and are also printed on Toll Tickets. Boards depicting names of contact person and emergency contact number are also displayed at prominent locations on toll plazas. NHAI is in the process of establishing centralized toll free emergency call centres.

13.23 Trauma Centres

Establishment of Trauma Centres are within the purview of Ministry of Health & Family Welfare (MoH&FW), who have already identified 140 hospitals on GQ and NS-EW Corridor to be upgraded as trauma centres. The funds for upgradation of these hospitals in to trauma centres have already been allocated by the MoH&FW. They have further planned to identify more trauma centres on NHs other than NS-EW and GQ corridors in 12th Five year plan.

13.24 Way-side Amenities

- (a) There is provision for rest area under project facilities schedule 'C' of MCA for 6-lane. Further manual for 4 lane/6 lane provides brief scope of work for facilities to be provided. The DPR Consultants work out the details and make suitable provisions in Concession agreement accordingly in the projects.
- (b) For stretches that have already been completed (4 lane) on EPC basis and do not have provision of Way Side Amenities, NHAI has taken steps for providing the same. These amenities would inter-alia include parking for cars, buses & trucks, eateries, rest rooms for short stay, neat toilets etc.
Minimum provisions/bench marks for Way Side Amenities and detailed guidelines were framed before undertaking bidding process
- (c) 11 available locations have been leased out for Wayside Amenities of which 4 have already been developed and remaining 7 sites are likely to be developed within a year.
- (d) Since all GQ Corridors are to be six laned from existing four laned corridors and provision of wayside amenities has already been incorporated in the MCA for six laning, NHAI has decided to identify potential sites through a Consultant on NS & EW corridors & general lay out plan was prepared. This study is being carried out in 2 steps. In first step, stretches between Kanyakumari to Hyderabad along North-South corridor and between Porbandar to Lucknow along East-West corridors of National Highways have been studied by an appointed Consultant M/s STUP Consultants P. Ltd.
- (e) Total 60 new sites have been identified by the consultant along North-South corridor (From Kanyakumari to Hyderabad) and along East-West corridor (From Porbandar to Lucknow). Remaining stretches of NS & EW corridor are to be taken up in next phase. 27 sites, where land is available shall be bidded out on lease within the current financial year for which Qualifying criteria for bidders and minimum benchmarks are being

finalized. Remaining 33 sites where land is to be acquired either fully or partially, the process of acquisition is in progress and these shall be leased out after land acquisition process is completed.

- (f) The study for the balance stretches on NS & EW Corridors shall be carried out on similar grounds once the current study is completed and its success is ascertained.
- (g) It has been decided to provide the following type of wayside amenities depending upon nature of traffic in a particular stretch:-
 Model – A (for car/bus passengers/truckers)
 Model – B1 (for car/bus passengers)
 Model – B2 (for truckers)
 Model – C (primarily for truckers but can be used by car passengers also)

13.25 Provisioning of Call Centres Services for road users on NHs

13.25.1 Recognizing the importance of improving safe travel along National Highways as these roads are often characterized as high speed, high volume roads with maximum number of fatal and injury accidents and timely treatment of the injured will save many lives. Also, reporting of information like obstruction of highways due to falling of tree, dharnas, flat tyres, bad road condition etc., will help NHAI in taking preventive measures & improve maintenance of road and facilitate to serve the road users.

13.25.2 A single 4 digit Toll Free Universal Access Number (UAN) will be provided to the distressed road users for reporting Road Accidents and other issues related to National Highways. On receiving calls from the road users, the Call Centre Agents alert the staff of Control Centers of respecting sections who in turn will provide necessary help to distressed users using Ambulance, Patrol Vehicle, Crane, etc. depending on the need.

13.26 Incident Management Services

| | |
|------------------------------|-----|
| No. of Ambulances in place | 223 |
| No. of Tow away cranes | 198 |
| No. of Route Patrol vehicles | 229 |

13.27 Details of Assistance Provided

| Year | By Ambulance | By Patrol Vehicle |
|-------------------|---------------------|--------------------------|
| 2005 | 4,558 | 7,448 |
| 2006 | 10,306 | 31,029 |
| 2007 | 12,061 | 42,185 |
| 2008 | 12,734 | 3,088 |
| 2009 (Upto March) | 627 | 1,490 |

Road Accidents, Persons Killed and Injured: 1970-2010

| Sl. No. | Year | 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 | 17 |
| 1 | 1970 | 114,100 | 14,500 | 70,100 | 539,000 | 1,401 | 1,188,728 | 21.2 | 814.4 | 959.8 | 2.7 | 103.5 | 122.0 | 13.0 | 500.4 | 589.7 |
| 2 | 1980 | 153,200 | 24,000 | 109,100 | 673,000 | 4,521 | 1,491,873 | 22.8 | 338.9 | 1,026.9 | 3.6 | 53.1 | 160.9 | 16.2 | 241.3 | 731.3 |
| 3 | 1990 | 282,600 | 54,100 | 244,100 | 835,000 | 19,152 | 1,983,867 | 33.8 | 147.6 | 1,424.5 | 6.5 | 28.2 | 272.7 | 29.2 | 127.5 | 1,230.4 |
| 4 | 1991 | 295,131 | 56,278 | 255,000 | 852,250 | 21,374 | 2,331,086 | 34.6 | 138.1 | 1,266.1 | 6.6 | 26.3 | 241.4 | 29.9 | 119.3 | 1,093.9 |
| 5 | 1992 | 275,541 | 60,113 | 267,200 | 869,000 | 23,507 | 2,482,289 | 31.7 | 117.2 | 1,110.0 | 6.9 | 25.6 | 242.2 | 30.7 | 113.7 | 1,076.4 |
| 6 | 1993 | 284,646 | 60,380 | 287,800 | 886,000 | 25,505 | 2,614,662 | 32.1 | 111.6 | 1,088.7 | 6.8 | 23.7 | 230.9 | 32.5 | 112.8 | 1,100.7 |
| 7 | 1994 | 325,864 | 64,463 | 311,500 | 904,000 | 27,660 | 2,890,950 | 36.0 | 117.8 | 1,127.2 | 7.1 | 23.3 | 223.0 | 34.5 | 112.6 | 1,077.5 |
| 8 | 1995 | 351,999 | 70,781 | 323,200 | 924,359 | 30,295 | 2,975,035 | 38.1 | 116.2 | 1,183.2 | 7.7 | 23.4 | 237.9 | 35.0 | 106.7 | 1,086.4 |
| 9 | 1996 | 371,204 | 74,665 | 369,502 | 941,579 | 33,786 | 3,202,515 | 39.4 | 109.9 | 1,159.1 | 7.9 | 22.1 | 233.1 | 39.2 | 109.4 | 1,153.8 |
| 10 | 1997 | 373,671 | 76,977 | 378,361 | 959,792 | 37,332 | 3,298,788 | 38.9 | 100.1 | 1,132.8 | 8.0 | 20.6 | 233.3 | 39.4 | 101.4 | 1,147.0 |
| 11 | 1998 | 385,018 | 79,919 | 390,674 | 978,081 | 41,368 | 3,228,356 | 39.4 | 93.1 | 1,192.6 | 8.2 | 19.3 | 247.6 | 39.9 | 94.4 | 1,210.1 |
| 12 | 1999 | 386,456 | 81,966 | 375,051 | 996,130 | 44,875 | 3,296,650 | 38.8 | 86.1 | 1,172.3 | 8.2 | 18.3 | 248.6 | 37.7 | 83.6 | 1,137.7 |
| 13 | 2000 | 391,449 | 78,911 | 399,265 | 1,014,825 | 48,857 | 3,316,078 | 38.6 | 80.1 | 1,180.5 | 7.8 | 16.2 | 238.0 | 39.3 | 81.7 | 1,204.0 |
| 14 | 2001 | 405,637 | 80,888 | 405,216 | 1,028,610 | 54,991 | 3,346,667 | 39.4 | 73.8 | 1,212.1 | 7.9 | 14.7 | 241.7 | 39.4 | 73.7 | 1,210.8 |
| 15 | 2002 | 407,497 | 84,674 | 408,711 | 1,045,547 | 58,924 | 3,383,344 | 39.0 | 69.2 | 1,204.4 | 8.1 | 14.4 | 250.3 | 39.1 | 69.4 | 1,208.0 |
| 16 | 2003 | 406,726 | 85,998 | 435,122 | 1,062,388 | 67,007 | 3,553,468 | 38.3 | 60.7 | 1,144.6 | 8.1 | 12.8 | 242.0 | 41.0 | 64.9 | 1,224.5 |
| 17 | 2004 | 429,910 | 92,618 | 464,521 | 1,079,117 | 72,718 | 3,621,507 | 39.8 | 59.1 | 1,187.1 | 8.6 | 12.7 | 255.7 | 43.0 | 63.9 | 1,282.7 |
| 18 | 2005 | 439,255 | 94,968 | 465,282 | 1,095,722 | 81,502 | 3,809,156 | 40.1 | 53.9 | 1,153.2 | 8.7 | 11.7 | 249.3 | 42.5 | 57.1 | 1,221.5 |
| 19 | 2006 | 460,920 | 105,749 | 496,481 | 1,112,186 | 89,618 | 3,880,651 | 41.4 | 51.4 | 1,187.7 | 9.5 | 11.8 | 272.5 | 44.6 | 55.4 | 1,279.4 |
| 20 | 2007 | 479,216 | 114,444 | 513,340 | 1,128,521 | 96,707 | 4,016,401 | 42.5 | 49.6 | 1,193.1 | 10.1 | 11.8 | 284.9 | 45.5 | 53.1 | 1,278.1 |
| 21 | 2008 | 484,704 | 119,860 | 523,193 | 1,144,734 | 105,353 | 4,109,592 | 42.3 | 46.0 | 1,179.4 | 10.5 | 11.4 | 291.7 | 45.7 | 49.7 | 1,273.1 |
| 22 | 2009 | 486,384 | 125,660 | 515,458 | 1,160,813 | 114,951 | N.A | 41.9 | 42.3 | N.A | 10.8 | 10.9 | N.A | 44.4 | 44.8 | N.A |
| 23 | 2010 | 499,628 | 134,513 | 527,512 | 1,176,742 | N.A | N.A | 42.5 | N.A | N.A | 11.4 | N.A | N.A | 44.8 | N.A | N.A |

N.A: Not available

Sources: 1. Accidents - State Police Authorities

2. Population - Registrar General of India

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

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

Total Number of Road Accidents in India: 2007 to 2010

| Sl. No. | States/UTs | State/UT-Wise Total Number of Road Accidents as on 31st December | | | | 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* | |
|--------------|---------------------------|--|----------------|----------------|----------------|---|--------------|--------------|--------------|---|-------------|-------------|-------------|--|-------------|-------------|--|----------------|
| | | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2007 | 2008 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 1 | Andhra Pradesh | 44,325 | 42,657 | 43,600 | 44,599 | 9.2 | 8.8 | 9.0 | 8.9 | 54.4 | 51.8 | 52.4 | 53.1 | 69.6 | 59.2 | 54.1 | 2,063.0 | 1,955.2 |
| 2 | Arunachal Pradesh | 240 | 280 | 306 | 293 | 0.1 | 0.1 | 0.1 | 0.1 | 20.3 | 23.4 | 25.2 | 23.9 | 108.6 | 126.7 | 138.5 | 137.7 | 169.8 |
| 3 | Assam | 4,403 | 4,683 | 4,869 | 5,828 | 0.9 | 1.0 | 1.0 | 1.2 | 15.2 | 15.9 | 16.3 | 19.3 | 43.1 | 41.9 | 39.4 | 197.0 | 203.3 |
| 4 | Bihar | 7,774 | 8,991 | 10,065 | 11,033 | 1.6 | 1.9 | 2.1 | 2.2 | 8.4 | 9.6 | 10.6 | 11.4 | 49.3 | 51.7 | 51.4 | 647.1 | 748.5 |
| 5 | Chhattisgarh | 12,296 | 12,945 | 12,888 | 13,664 | 2.6 | 2.7 | 2.6 | 2.7 | 53.6 | 55.6 | 54.6 | 57.1 | 70.9 | 67.1 | 61.0 | 1,668.3 | 1,739.1 |
| 6 | Goa | 4,020 | 4,178 | 4,165 | 4,572 | 0.8 | 0.9 | 0.9 | 0.9 | 261.0 | 261.8 | 251.7 | 266.7 | 69.5 | 67.0 | 61.8 | 3,820.2 | 3,953.1 |
| 7 | Gujarat | 33,623 | 33,671 | 31,034 | 30,114 | 7.0 | 6.9 | 6.4 | 6.0 | 60.2 | 59.5 | 54.0 | 51.7 | 35.4 | 32.7 | 28.2 | 2,308.8 | 2,296.3 |
| 8 | Haryana | 11,998 | 11,596 | 11,915 | 11,195 | 2.5 | 2.4 | 2.4 | 2.2 | 50.5 | 48.0 | 48.4 | 44.7 | 34.0 | 29.2 | 26.9 | 4,081.4 | 3,901.0 |
| 9 | Himachal Pradesh | 2,955 | 2,756 | 3,051 | 3,069 | 0.6 | 0.6 | 0.6 | 0.6 | 45.3 | 41.8 | 45.8 | 45.6 | 86.5 | 74.3 | 61.7 | 845.4 | 759.3 |
| 10 | Jammu & Kashmir | 5,864 | 5,326 | 5,945 | 6,134 | 1.2 | 1.1 | 1.2 | 1.2 | 52.8 | 47.3 | 52.1 | 53.0 | 102.8 | 85.9 | 89.1 | 2,658.4 | 2,385.9 |
| 11 | Jharkhand | 5,285 | 4,985 | 4,996 | 5,521 | 1.1 | 1.0 | 1.0 | 1.1 | 17.8 | 16.5 | 16.3 | 17.8 | 31.3 | 27.0 | 24.5 | 2,924.6 | 2,843.5 |
| 12 | Karnataka | 46,363 | 46,279 | 45,190 | 46,250 | 9.7 | 9.5 | 9.3 | 9.3 | 81.5 | 80.4 | 77.7 | 78.7 | 84.5 | 74.4 | 65.0 | 1,826.0 | 1,811.6 |
| 13 | Kerala | 39,917 | 37,263 | 35,433 | 35,082 | 8.3 | 7.7 | 7.3 | 7.0 | 119.0 | 110.2 | 104.0 | 102.2 | 100.9 | 84.1 | 72.9 | 2,021.6 | 1,819.9 |
| 14 | Madhya Pradesh | 41,981 | 43,852 | 47,267 | 50,023 | 8.8 | 9.0 | 9.7 | 10.0 | 62.1 | 63.8 | 67.6 | 70.4 | 83.2 | 79.4 | 78.6 | 2,538.0 | 2,645.8 |
| 15 | Maharashtra | 73,661 | 75,527 | 71,996 | 71,289 | 15.4 | 15.6 | 14.8 | 14.3 | 69.2 | 70.0 | 65.7 | 64.2 | 60.5 | 56.6 | 49.8 | 3,301.1 | 3,382.0 |
| 16 | Manipur | 538 | 573 | 578 | 602 | 0.1 | 0.1 | 0.1 | 0.1 | 23.0 | 24.2 | 24.2 | 24.9 | 40.3 | 38.9 | 39.2 | 326.0 | 347.2 |
| 17 | Meghalaya | 300 | 294 | 398 | 474 | 0.1 | 0.1 | 0.1 | 0.1 | 12.0 | 11.6 | 15.5 | 18.3 | 25.7 | 23.0 | 28.1 | 307.6 | 298.8 |
| 18 | Mizoram | 77 | 110 | 86 | 125 | 0.02 | 0.02 | 0.02 | 0.03 | 8.0 | 11.3 | 8.8 | 12.6 | 12.6 | 16.9 | 12.3 | 125.3 | 178.6 |
| 19 | Nagaland | 239 | 76 | 63 | 35 | 0.05 | 0.02 | 0.01 | 0.01 | 11.1 | 3.5 | 2.9 | 1.6 | 11.4 | 3.4 | 2.6 | 108.9 | 34.1 |
| 20 | Orissa | 8,213 | 8,181 | 8,887 | 9,413 | 1.7 | 1.7 | 1.8 | 1.9 | 20.9 | 20.6 | 22.2 | 23.3 | 38.2 | 34.5 | 34.1 | 381.5 | 379.8 |
| 21 | Punjab | 5,208 | 5,115 | 5,570 | 5,507 | 1.1 | 1.1 | 1.1 | 1.1 | 19.7 | 19.1 | 20.6 | 20.1 | 12.1 | 11.2 | 11.5 | 1,153.9 | 1,132.2 |
| 22 | Rajasthan | 23,885 | 23,704 | 25,114 | 24,302 | 5.0 | 4.9 | 5.2 | 4.9 | 37.7 | 36.7 | 38.3 | 36.4 | 44.8 | 40.2 | 38.7 | 1,493.7 | 1,382.3 |
| 23 | Sikkim | 150 | 196 | 564 | 186 | 0.03 | 0.04 | 0.1 | 0.04 | 25.7 | 33.2 | 94.3 | 30.7 | 60.8 | 75.3 | 197.5 | 800.9 | 1,046.4 |
| 24 | Tamil Nadu | 59,140 | 60,409 | 60,794 | 64,996 | 12.3 | 12.5 | 12.5 | 13.0 | 90.1 | 91.4 | 91.3 | 97.0 | 53.9 | 50.6 | 47.2 | 3,270.6 | 3,333.6 |
| 25 | Tripura | 801 | 767 | 865 | 901 | 0.2 | 0.2 | 0.2 | 0.2 | 23.2 | 22.0 | 24.5 | 25.2 | 67.0 | 58.6 | 60.1 | 252.4 | 241.7 |
| 26 | Uttarakhand | 1,529 | 1,417 | 1,401 | 1,493 | 0.3 | 0.3 | 0.3 | 0.3 | 16.3 | 14.9 | 14.5 | 15.2 | 23.8 | 19.4 | 17.8 | 390.4 | 345.3 |
| 27 | Uttar Pradesh | 21,522 | 25,684 | 28,155 | 28,362 | 4.5 | 5.3 | 5.8 | 5.7 | 11.5 | 13.5 | 14.5 | 14.4 | 23.7 | 26.1 | 26.1 | 790.2 | 902.2 |
| 28 | West Bengal | 11,660 | 12,206 | 11,134 | 14,888 | 2.4 | 2.5 | 2.3 | 3.0 | 13.5 | 14.0 | 12.7 | 16.8 | 36.5 | 44.2 | 36.6 | 559.5 | 576.4 |
| 29 | Andaman & Nicobar Islands | 173 | 191 | 271 | 285 | 0.04 | 0.04 | 0.1 | 0.1 | 39.9 | 42.5 | 58.3 | 59.4 | 36.0 | 35.8 | 45.4 | 1,327.7 | 1,468.1 |
| 30 | Chandigarh | 534 | 482 | 424 | 456 | 0.1 | 0.1 | 0.1 | 0.1 | 46.0 | 39.3 | 32.7 | 33.3 | 7.9 | 6.8 | 5.7 | 2,521.2 | 2,275.7 |
| 31 | Dadra & Nagar Haveli | 116 | 116 | 79 | 96 | 0.02 | 0.02 | 0.02 | 0.02 | 41.3 | 38.8 | 24.8 | 28.5 | 22.7 | 20.2 | 12.5 | 1,835.4 | 1,835.4 |
| 32 | Daman & Diu | 60 | 50 | 63 | 48 | 0.01 | 0.01 | 0.01 | 0.01 | 26.4 | 21.0 | 25.4 | 18.5 | 9.6 | 7.4 | 9.0 | 2,690.6 | 2,232.1 |
| 33 | Delhi | 8,620 | 8,435 | 7,516 | 7,260 | 1.8 | 1.7 | 1.5 | 1.5 | 52.3 | 49.7 | 43.1 | 40.5 | 15.7 | 14.3 | 11.9 | 2,924.1 | 2,853.6 |
| 34 | Lakshadweep | 2 | 12 | 4 | 4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 16.2 | 5.3 | 5.3 | 3.0 | 16.6 | 5.5 | 119.0 | 697.7 |
| 35 | Puducherry | 1,744 | 1,697 | 1,698 | 1,529 | 0.4 | 0.4 | 0.3 | 0.3 | 152.2 | 140.9 | 134.0 | 114.9 | 40.4 | 35.1 | 31.5 | 6,468.8 | 6,294.5 |
| Total | | 479,216 | 484,704 | 486,384 | 499,628 | 100.0 | 100.0 | 100.0 | 100.0 | 42.5 | 42.3 | 41.9 | 42.5 | 49.6 | 46.0 | 42.3 | 1,599.6 | 1,590.3 |

(P) : Provisional

* Excludes road length under Pradhan Mantri Gram Sadak Yojana and erstwhile Jawahar Roazgar Yojana.

Total Number of Persons Killed in Road Accidents in India: 2007 to 2010

| Sl. No. | States/UTs | State/UT-Wise Total Number of Persons Killed in Road Accidents as on 31st December | | | | Share of States/UTs in Total Number of Persons Killed in Road Accidents: 2007 to 2010 | | | | 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* | |
|--------------|---------------------------|--|----------------|----------------|----------------|---|--------------|--------------|--------------|--|-------------|-------------|-------------|--|-------------|-------------|--|--------------|
| | | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2007 | 2008 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 1 | Andhra Pradesh | 13,549 | 13,812 | 14,770 | 15,684 | 11.8 | 11.5 | 11.8 | 11.7 | 16.6 | 16.8 | 17.8 | 18.7 | 21.3 | 19.2 | 18.3 | 630.6 | 633.1 |
| 2 | Arunachal Pradesh | 95 | 134 | 158 | 148 | 0.1 | 0.1 | 0.1 | 0.1 | 8.0 | 11.2 | 13.0 | 12.1 | 43.0 | 60.6 | 71.5 | 54.5 | 81.2 |
| 3 | Assam | 1,604 | 1,807 | 1,991 | 2,256 | 1.4 | 1.5 | 1.6 | 1.7 | 5.5 | 6.1 | 6.7 | 7.5 | 15.7 | 16.2 | 16.1 | 71.8 | 78.5 |
| 4 | Bihar | 3,482 | 3,940 | 4,390 | 5,137 | 3.0 | 3.3 | 3.5 | 3.8 | 3.8 | 4.2 | 4.6 | 5.3 | 22.1 | 22.7 | 22.4 | 289.9 | 328.0 |
| 5 | Chhattisgarh | 2,607 | 2,966 | 2,865 | 2,956 | 2.3 | 2.5 | 2.3 | 2.2 | 11.4 | 12.7 | 12.1 | 12.4 | 15.0 | 15.4 | 13.6 | 353.7 | 398.5 |
| 6 | Goa | 322 | 318 | 321 | 327 | 0.3 | 0.3 | 0.3 | 0.2 | 20.9 | 19.9 | 19.4 | 19.1 | 5.6 | 5.1 | 4.8 | 306.0 | 300.9 |
| 7 | Gujarat | 6,915 | 7,070 | 6,983 | 7,506 | 6.0 | 5.9 | 5.6 | 5.6 | 12.4 | 12.5 | 12.2 | 12.9 | 7.3 | 6.9 | 6.3 | 474.8 | 482.2 |
| 8 | Haryana | 4,415 | 4,494 | 4,603 | 4,719 | 3.9 | 3.7 | 3.7 | 3.5 | 18.6 | 18.6 | 18.7 | 18.9 | 12.5 | 11.3 | 10.4 | 1,501.9 | 1,511.8 |
| 9 | Himachal Pradesh | 979 | 848 | 1,140 | 1,102 | 0.9 | 0.7 | 0.9 | 0.8 | 15.0 | 12.9 | 17.1 | 16.4 | 28.6 | 22.9 | 23.1 | 280.1 | 233.6 |
| 10 | Jammu & Kashmir | 958 | 950 | 1,100 | 1,045 | 0.8 | 0.8 | 0.9 | 0.8 | 8.6 | 8.4 | 9.6 | 9.0 | 16.8 | 15.3 | 16.5 | 434.3 | 425.6 |
| 11 | Jharkhand | 2,081 | 1,979 | 2,170 | 2,540 | 1.8 | 1.7 | 1.7 | 1.9 | 7.0 | 6.6 | 7.1 | 8.2 | 12.3 | 10.7 | 10.6 | 1,151.6 | 1,128.9 |
| 12 | Karnataka | 8,777 | 8,814 | 8,714 | 9,590 | 7.7 | 7.4 | 6.9 | 7.1 | 15.4 | 15.3 | 15.0 | 16.3 | 16.0 | 14.2 | 12.5 | 345.7 | 345.0 |
| 13 | Kerala | 3,778 | 3,901 | 3,830 | 3,950 | 3.3 | 3.3 | 3.0 | 2.9 | 11.3 | 11.5 | 11.2 | 11.5 | 9.5 | 8.8 | 7.9 | 191.3 | 190.5 |
| 14 | Madhya Pradesh | 6,671 | 6,670 | 7,365 | 8,085 | 5.8 | 5.6 | 5.9 | 6.0 | 9.9 | 9.7 | 10.5 | 11.4 | 13.2 | 12.1 | 12.3 | 403.3 | 402.4 |
| 15 | Maharashtra | 11,212 | 12,397 | 11,396 | 12,340 | 9.8 | 10.3 | 9.1 | 9.2 | 10.5 | 11.5 | 10.4 | 11.1 | 9.2 | 9.3 | 7.9 | 502.5 | 555.1 |
| 16 | Manipur | 114 | 151 | 125 | 154 | 0.1 | 0.1 | 0.1 | 0.1 | 4.9 | 6.4 | 5.2 | 6.4 | 8.5 | 10.2 | 8.5 | 69.1 | 91.5 |
| 17 | Meghalaya | 127 | 123 | 145 | 163 | 0.1 | 0.1 | 0.1 | 0.1 | 5.1 | 4.9 | 5.7 | 6.3 | 10.9 | 9.6 | 10.2 | 130.2 | 125.0 |
| 18 | Mizoram | 50 | 63 | 60 | 82 | 0.04 | 0.1 | 0.05 | 0.1 | 5.2 | 6.5 | 6.1 | 8.3 | 8.2 | 9.7 | 8.6 | 81.4 | 102.3 |
| 19 | Nagaland | 89 | 70 | 55 | 40 | 0.1 | 0.1 | 0.04 | 0.03 | 4.1 | 3.2 | 2.5 | 1.8 | 4.2 | 3.1 | 2.3 | 40.6 | 31.4 |
| 20 | Orissa | 3,000 | 3,079 | 3,527 | 3,837 | 2.6 | 2.6 | 2.8 | 2.9 | 7.6 | 7.8 | 8.8 | 9.5 | 14.0 | 13.0 | 13.5 | 139.3 | 142.9 |
| 21 | Punjab | 3,363 | 3,206 | 3,668 | 3,542 | 2.9 | 2.7 | 2.9 | 2.6 | 12.7 | 12.0 | 13.6 | 12.9 | 7.8 | 7.0 | 7.6 | 745.1 | 709.6 |
| 22 | Rajasthan | 8,145 | 8,388 | 9,045 | 9,163 | 7.1 | 7.0 | 7.2 | 6.8 | 12.8 | 13.0 | 13.8 | 13.7 | 15.3 | 14.2 | 13.9 | 509.4 | 489.2 |
| 23 | Sikkim | 52 | 79 | 87 | 71 | 0.05 | 0.1 | 0.1 | 0.1 | 8.9 | 13.4 | 14.5 | 11.7 | 21.1 | 30.4 | 30.5 | 277.6 | 421.8 |
| 24 | Tamil Nadu | 12,036 | 12,784 | 13,746 | 15,409 | 10.5 | 10.7 | 10.9 | 11.5 | 18.3 | 19.3 | 20.7 | 23.0 | 11.0 | 10.7 | 10.7 | 665.6 | 705.5 |
| 25 | Tripura | 223 | 221 | 229 | 231 | 0.2 | 0.2 | 0.2 | 0.2 | 6.5 | 6.3 | 6.5 | 6.5 | 18.7 | 16.9 | 15.9 | 70.3 | 69.6 |
| 26 | Uttarakhand | 992 | 1,073 | 852 | 931 | 0.9 | 0.9 | 0.7 | 0.7 | 10.6 | 11.3 | 8.8 | 9.5 | 15.4 | 14.7 | 10.8 | 253.3 | 261.4 |
| 27 | Uttar Pradesh | 11,398 | 13,165 | 14,638 | 15,175 | 10.0 | 11.0 | 11.6 | 11.3 | 6.1 | 6.9 | 7.6 | 7.7 | 12.5 | 13.4 | 13.6 | 418.5 | 462.5 |
| 28 | West Bengal | 4,745 | 4,789 | 4,860 | 5,680 | 4.1 | 4.0 | 3.9 | 4.2 | 5.5 | 5.5 | 5.5 | 6.4 | 14.8 | 17.3 | 16.0 | 227.7 | 226.1 |
| 29 | Andaman & Nicobar Islands | 23 | 22 | 33 | 27 | 0.02 | 0.02 | 0.03 | 0.02 | 5.3 | 4.9 | 7.1 | 5.6 | 4.8 | 4.1 | 5.5 | 176.5 | 169.1 |
| 30 | Chandigarh | 151 | 148 | 171 | 138 | 0.1 | 0.1 | 0.1 | 0.1 | 13.0 | 12.1 | 13.2 | 10.1 | 2.2 | 2.1 | 2.3 | 712.9 | 698.8 |
| 31 | Dadra & Nagar Haveli | 66 | 65 | 45 | 62 | 0.1 | 0.1 | 0.04 | 0.05 | 23.5 | 21.7 | 14.2 | 18.4 | 12.9 | 11.3 | 7.1 | 1,044.3 | 1,028.5 |
| 32 | Daman & Diu | 29 | 29 | 33 | 31 | 0.03 | 0.02 | 0.03 | 0.02 | 12.8 | 12.2 | 13.3 | 12.0 | 4.7 | 4.3 | 4.7 | 1,300.4 | 1,294.6 |
| 33 | Delhi | 2,141 | 2,093 | 2,325 | 2,153 | 1.9 | 1.7 | 1.9 | 1.6 | 13.0 | 12.3 | 13.3 | 12.0 | 3.9 | 3.5 | 3.7 | 726.3 | 708.1 |
| 34 | Lakshadweep | 0 | 0 | 2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 |
| 35 | Puducherry | 255 | 212 | 218 | 239 | 0.2 | 0.2 | 0.2 | 0.2 | 22.3 | 17.6 | 17.2 | 18.0 | 5.9 | 4.4 | 4.1 | 945.8 | 786.4 |
| Total | | 114,444 | 119,860 | 125,660 | 134,513 | 100.0 | 100.0 | 100.0 | 100.0 | 10.1 | 10.5 | 10.8 | 11.4 | 11.8 | 11.4 | 10.9 | 382.0 | 393.3 |

(P) : Provisional

* Excludes road length under Pradhan Mantri Gram Sadak Yojana and erstwhile Jawahar Roazgar Yojana.

Total Number of Persons Injured in Road Accidents in India: 2007 to 2010

| Sl. No. | States/UTs | State/UT-Wise Total Number of Persons Injured in Road Accidents as on 31st December | | | | Share of States/UTs in Total Number of Persons Injured in Road Accidents: 2007 to 2010 | | | | Total Number of Persons Injured in Road Accidents Per Lakh Population | | | | Total Number of Persons Injured in Road Accidents per 10,000 Vehicles | | | Total Number of Persons Injured in Road Accidents per 10,000 Km of Roads* | |
|--------------|---------------------------|---|----------------|----------------|----------------|--|--------------|--------------|--------------|---|-------------|-------------|-------------|---|-------------|-------------|---|----------------|
| | | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2010 (P) | 2007 | 2008 | 2009 | 2007 | 2008 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 1 | Andhra Pradesh | 59,213 | 58,741 | 52,157 | 53,928 | 11.5 | 11.2 | 10.1 | 10.2 | 72.6 | 71.3 | 62.7 | 64.2 | 93.0 | 81.5 | 64.7 | 2,755.9 | 2,692.4 |
| 2 | Arunachal Pradesh | 488 | 425 | 530 | 491 | 0.1 | 0.1 | 0.1 | 0.1 | 41.2 | 35.5 | 43.7 | 40.0 | 220.8 | 192.3 | 239.8 | 280.0 | 257.7 |
| 3 | Assam | 5,697 | 5,081 | 5,522 | 7,579 | 1.1 | 1.0 | 1.1 | 1.4 | 19.6 | 17.3 | 18.5 | 25.1 | 55.8 | 45.5 | 44.7 | 255.0 | 220.6 |
| 4 | Bihar | 5,971 | 6,359 | 7,113 | 8,106 | 1.2 | 1.2 | 1.4 | 1.5 | 6.5 | 6.8 | 7.5 | 8.4 | 37.9 | 36.6 | 36.3 | 497.1 | 529.4 |
| 5 | Chhattisgarh | 11,735 | 12,873 | 13,274 | 13,599 | 2.3 | 2.5 | 2.6 | 2.6 | 51.2 | 55.3 | 56.2 | 56.8 | 67.7 | 66.7 | 62.8 | 1,592.2 | 1,729.5 |
| 6 | Goa | 3,128 | 3,167 | 2,954 | 2,709 | 0.6 | 0.6 | 0.6 | 0.5 | 203.1 | 198.4 | 178.5 | 158.1 | 54.0 | 50.8 | 43.8 | 2,972.5 | 2,996.5 |
| 7 | Gujarat | 35,768 | 35,722 | 32,944 | 32,449 | 7.0 | 6.8 | 6.4 | 6.2 | 64.1 | 63.1 | 57.4 | 55.7 | 37.7 | 34.7 | 30.0 | 2,456.1 | 2,436.2 |
| 8 | Haryana | 10,288 | 10,570 | 10,481 | 9,905 | 2.0 | 2.0 | 2.0 | 1.9 | 43.3 | 43.7 | 42.6 | 39.6 | 29.2 | 26.6 | 23.7 | 3,499.7 | 3,555.8 |
| 9 | Himachal Pradesh | 5,332 | 4,714 | 5,579 | 5,325 | 1.0 | 0.9 | 1.1 | 1.0 | 81.7 | 71.5 | 83.7 | 79.1 | 156.0 | 127.1 | 112.8 | 1,525.4 | 1,298.7 |
| 10 | Jammu & Kashmir | 7,920 | 7,597 | 8,199 | 8,726 | 1.5 | 1.5 | 1.6 | 1.7 | 71.4 | 67.5 | 71.8 | 75.4 | 138.9 | 122.5 | 122.8 | 3,590.5 | 3,403.2 |
| 11 | Jharkhand | 4,369 | 4,373 | 4,406 | 4,872 | 0.9 | 0.8 | 0.9 | 0.9 | 14.7 | 14.5 | 14.4 | 15.7 | 25.9 | 23.6 | 21.6 | 2,417.7 | 2,494.4 |
| 12 | Karnataka | 61,438 | 63,314 | 61,697 | 61,774 | 12.0 | 12.1 | 12.0 | 11.7 | 108.0 | 110.0 | 106.0 | 105.1 | 112.0 | 101.8 | 88.7 | 2,419.8 | 2,478.5 |
| 13 | Kerala | 48,246 | 43,857 | 41,402 | 41,473 | 9.4 | 8.4 | 8.0 | 7.9 | 143.9 | 129.7 | 121.5 | 120.9 | 121.9 | 99.0 | 85.2 | 2,443.4 | 2,141.9 |
| 14 | Madhya Pradesh | 45,225 | 51,054 | 54,611 | 56,897 | 8.8 | 9.8 | 10.6 | 10.8 | 66.9 | 74.3 | 78.1 | 80.1 | 89.6 | 92.4 | 90.9 | 2,734.2 | 3,080.4 |
| 15 | Maharashtra | 47,342 | 52,780 | 47,878 | 46,985 | 9.2 | 10.1 | 9.3 | 8.9 | 44.5 | 48.9 | 43.7 | 42.3 | 38.9 | 39.6 | 33.1 | 2,121.6 | 2,363.4 |
| 16 | Manipur | 1,044 | 1,216 | 1,189 | 1,132 | 0.2 | 0.2 | 0.2 | 0.2 | 44.7 | 51.4 | 49.7 | 46.8 | 78.2 | 82.5 | 80.7 | 632.7 | 736.9 |
| 17 | Meghalaya | 357 | 355 | 713 | 461 | 0.1 | 0.1 | 0.1 | 0.1 | 14.3 | 14.0 | 27.9 | 17.8 | 30.6 | 27.7 | 50.3 | 366.1 | 360.8 |
| 18 | Mizoram | 65 | 185 | 203 | 252 | 0.01 | 0.04 | 0.04 | 0.05 | 6.8 | 19.1 | 20.7 | 25.4 | 10.7 | 28.5 | 29.0 | 105.8 | 300.4 |
| 19 | Nagaland | 189 | 245 | 151 | 121 | 0.04 | 0.05 | 0.03 | 0.02 | 8.8 | 11.3 | 6.9 | 5.4 | 9.0 | 10.9 | 6.3 | 86.1 | 109.8 |
| 20 | Orissa | 11,305 | 10,378 | 11,296 | 11,399 | 2.2 | 2.0 | 2.2 | 2.2 | 28.8 | 26.2 | 28.2 | 28.2 | 52.6 | 43.8 | 43.3 | 525.1 | 481.8 |
| 21 | Punjab | 4,430 | 4,196 | 4,486 | 4,071 | 0.9 | 0.8 | 0.9 | 0.8 | 16.8 | 15.7 | 16.6 | 14.9 | 10.3 | 9.2 | 9.3 | 981.5 | 928.8 |
| 22 | Rajasthan | 31,151 | 30,857 | 32,317 | 31,033 | 6.1 | 5.9 | 6.3 | 5.9 | 49.1 | 47.8 | 49.2 | 46.5 | 58.4 | 52.3 | 49.8 | 1,948.1 | 1,799.5 |
| 23 | Sikkim | 272 | 246 | 434 | 399 | 0.1 | 0.05 | 0.1 | 0.1 | 46.7 | 41.6 | 72.6 | 66.0 | 110.2 | 94.5 | 152.0 | 1,452.2 | 1,313.4 |
| 24 | Tamil Nadu | 71,099 | 70,251 | 70,504 | 75,445 | 13.9 | 13.4 | 13.7 | 14.3 | 108.3 | 106.3 | 105.9 | 112.6 | 64.7 | 58.9 | 54.7 | 3,932.0 | 3,876.7 |
| 25 | Tripura | 1,329 | 1,494 | 1,342 | 1,269 | 0.3 | 0.3 | 0.3 | 0.2 | 38.5 | 42.8 | 38.0 | 35.5 | 111.2 | 114.1 | 93.3 | 418.8 | 470.8 |
| 26 | Uttarakhand | 1,979 | 1,765 | 1,784 | 1,656 | 0.4 | 0.3 | 0.3 | 0.3 | 21.1 | 18.6 | 18.5 | 16.9 | 30.8 | 24.1 | 22.7 | 505.3 | 430.1 |
| 27 | Uttar Pradesh | 14,464 | 18,056 | 20,632 | 20,113 | 2.8 | 3.5 | 4.0 | 3.8 | 7.7 | 9.5 | 10.6 | 10.2 | 15.9 | 18.4 | 19.1 | 531.1 | 634.3 |
| 28 | West Bengal | 13,014 | 13,246 | 12,186 | 15,760 | 2.5 | 2.5 | 2.4 | 3.0 | 15.1 | 15.2 | 13.9 | 17.8 | 40.7 | 48.0 | 40.0 | 624.4 | 625.5 |
| 29 | Andaman & Nicobar Islands | 313 | 256 | 342 | 373 | 0.1 | 0.05 | 0.1 | 0.1 | 72.1 | 57.0 | 73.5 | 77.7 | 65.1 | 48.0 | 57.3 | 2,402.1 | 1,967.7 |
| 30 | Chandigarh | 530 | 437 | 321 | 415 | 0.1 | 0.1 | 0.1 | 0.1 | 45.7 | 35.6 | 24.7 | 30.3 | 7.8 | 6.1 | 4.3 | 2,502.4 | 2,063.3 |
| 31 | Dadra & Nagar Haveli | 94 | 120 | 71 | 134 | 0.02 | 0.02 | 0.01 | 0.03 | 33.5 | 40.1 | 22.3 | 39.8 | 18.4 | 20.9 | 11.2 | 1,487.3 | 1,898.7 |
| 32 | Daman & Diu | 63 | 58 | 69 | 43 | 0.01 | 0.01 | 0.01 | 0.01 | 27.8 | 24.4 | 27.8 | 16.6 | 10.1 | 8.6 | 9.9 | 2,825.1 | 2,589.3 |
| 33 | Delhi | 7,711 | 7,343 | 6,936 | 7,108 | 1.5 | 1.4 | 1.3 | 1.3 | 46.8 | 43.3 | 39.8 | 39.6 | 14.0 | 12.4 | 11.0 | 2,615.8 | 2,484.2 |
| 34 | Lakshadweep | 2 | 7 | 3 | 5 | 0.0004 | 0.001 | 0.001 | 0.001 | 2.7 | 9.5 | 4.0 | 6.7 | 3.0 | 9.7 | 4.1 | 119.0 | 407.0 |
| 35 | Puducherry | 1,769 | 1,855 | 1,732 | 1,505 | 0.3 | 0.4 | 0.3 | 0.3 | 154.4 | 154.1 | 136.7 | 113.1 | 40.9 | 38.3 | 32.2 | 6,561.6 | 6,880.6 |
| Total | | 513,340 | 523,193 | 515,458 | 527,512 | 100.0 | 100.0 | 100.0 | 100.0 | 45.5 | 45.7 | 44.4 | 44.8 | 53.1 | 49.7 | 44.8 | 1,713.5 | 1,716.6 |

(P) : Provisional * Excludes road length under Pradhan Mantri Gram Sadak Yojana and erstwhile Jawahar Roazgar Yojana.

Total Number of Road Accidents on National Highways*: 2007 to 2010

| Sl. No. | States/UTs | State/UT-Wise Total Number of Road Accidents on National Highways as on 31st December | | | |
|--------------|---------------------------|---|----------------|----------------|----------------|
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 13,040 | 12,327 | 11,856 | 12,340 |
| 2 | Arunachal Pradesh | 67 | 101 | 113 | 91 |
| 3 | Assam | 2,334 | 2,683 | 2,808 | 3,209 |
| 4 | Bihar | 3,159 | 3,862 | 4,305 | 4,857 |
| 5 | Chhattisgarh | 3,421 | 4,001 | 4,622 | 4,248 |
| 6 | Goa | 1,398 | 1,593 | 1,467 | 1,576 |
| 7 | Gujarat | 7,253 | 7,025 | 6,640 | 6,440 |
| 8 | Haryana | 4,042 | 3,990 | 4,086 | 3,905 |
| 9 | Himachal Pradesh | 1,947 | 1,080 | 1,066 | 1,306 |
| 10 | Jammu & Kashmir | 2,385 | 2,365 | 2,637 | 2,271 |
| 11 | Jharkhand | 1,718 | 1,860 | 1,894 | 1,704 |
| 12 | Karnataka | 13,310 | 12,949 | 13,893 | 14,013 |
| 13 | Kerala | 11,000 | 9,997 | 9,425 | 9,461 |
| 14 | Madhya Pradesh | 10,468 | 10,359 | 10,769 | 13,600 |
| 15 | Maharashtra | 13,563 | 13,866 | 12,911 | 12,026 |
| 16 | Manipur | 307 | 292 | 320 | 361 |
| 17 | Meghalaya | 153 | 186 | 235 | 320 |
| 18 | Mizoram | 23 | 58 | 45 | 47 |
| 19 | Nagaland | 121 | 36 | 37 | 16 |
| 20 | Orissa | 3,699 | 3,635 | 4,216 | 4,738 |
| 21 | Punjab | 2,240 | 1,903 | 1,684 | 2,087 |
| 22 | Rajasthan | 8,218 | 7,811 | 7,932 | 7,520 |
| 23 | Sikkim | 38 | 47 | 211 | 86 |
| 24 | Tamil Nadu | 19,910 | 19,158 | 21,198 | 24,083 |
| 25 | Tripura | 445 | 270 | 295 | 320 |
| 26 | Uttarakhand | 788 | 818 | 792 | 863 |
| 27 | Uttar Pradesh | 8,105 | 9,795 | 10,917 | 11,079 |
| 28 | West Bengal | 4,343 | 4,621 | 4,714 | 5,547 |
| 29 | Andaman & Nicobar Islands | 0 | 37 | 54 | 117 |
| 30 | Chandigarh | 99 | 89 | 64 | 112 |
| 31 | Dadra & Nagar Haveli | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 0 | 0 | 0 | 0 |
| 33 | Delhi | 956 | 875 | 796 | 886 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 372 | 306 | 509 | 700 |
| Total | | 138,922 | 137,995 | 142,511 | 149,929 |

(P) : Provisional

* Includes expressways

**Total Number of Persons Killed in Road Accidents on National
Highways*: 2007 to 2010**

| Sl. No. | States/UTs | State/UT-Wise Total Number of Persons Killed in Road Accidents on National Highways as on 31st December | | | |
|------------|---------------------------|---|---------------|---------------|---------------|
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 4,370 | 4,172 | 4,655 | 5,122 |
| 2 | Arunachal Pradesh | 23 | 28 | 49 | 33 |
| 3 | Assam | 983 | 1,245 | 1,275 | 1,401 |
| 4 | Bihar | 1,555 | 1,868 | 1,993 | 2,317 |
| 5 | Chhattisgarh | 790 | 1,002 | 1,093 | 1,037 |
| 6 | Goa | 143 | 134 | 125 | 122 |
| 7 | Gujarat | 1,812 | 1,857 | 1,958 | 1,953 |
| 8 | Haryana | 1,765 | 1,775 | 1,800 | 1,845 |
| 9 | Himachal Pradesh | 585 | 258 | 324 | 369 |
| 10 | Jammu & Kashmir | 404 | 487 | 446 | 403 |
| 11 | Jharkhand | 746 | 882 | 455 | 455 |
| 12 | Karnataka | 2,921 | 2,838 | 3,147 | 3,278 |
| 13 | Kerala | 1,453 | 1,403 | 1,373 | 1,371 |
| 14 | Madhya Pradesh | 1,857 | 1,909 | 2,198 | 2,566 |
| 15 | Maharashtra | 3,148 | 3,662 | 3,359 | 3,445 |
| 16 | Manipur | 63 | 81 | 61 | 96 |
| 17 | Meghalaya | 77 | 73 | 100 | 108 |
| 18 | Mizoram | 12 | 35 | 30 | 23 |
| 19 | Nagaland | 49 | 31 | 28 | 20 |
| 20 | Orissa | 1,389 | 1,472 | 1,769 | 2,028 |
| 21 | Punjab | 1,346 | 1,149 | 1,140 | 1,293 |
| 22 | Rajasthan | 3,059 | 3,495 | 3,432 | 3,501 |
| 23 | Sikkim | 12 | 15 | 22 | 37 |
| 24 | Tamil Nadu | 4,430 | 4,417 | 5,282 | 6,333 |
| 25 | Tripura | 124 | 65 | 90 | 93 |
| 26 | Uttarakhand | 504 | 634 | 475 | 538 |
| 27 | Uttar Pradesh | 4,580 | 5,210 | 5,958 | 6,122 |
| 28 | West Bengal | 2,026 | 2,115 | 2,143 | 2,040 |
| 29 | Andaman & Nicobar Islands | 0 | 6 | 9 | 10 |
| 30 | Chandigarh | 45 | 36 | 35 | 34 |
| 31 | Dadra & Nagar Haveli | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 0 | 0 | 0 | 0 |
| 33 | Delhi | 286 | 278 | 329 | 343 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 55 | 38 | 69 | 130 |
| | Total | 40,612 | 42,670 | 45,222 | 48,466 |

(P) : Provisional

* Includes expressways

**Total Number of Persons Injured in Road Accidents on National
Highways*: 2007 to 2010**

| Sl. No. | States/UTs | State/UT-Wise Total Number of Persons Injured in Road Accidents on National Highways as on 31st December | | | |
|--------------|---------------------------|--|----------------|----------------|----------------|
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 17,263 | 15,600 | 14,096 | 15,166 |
| 2 | Arunachal Pradesh | 110 | 128 | 231 | 144 |
| 3 | Assam | 3,351 | 2,840 | 2,938 | 4,445 |
| 4 | Bihar | 2,306 | 2,520 | 3,050 | 3,308 |
| 5 | Chhattisgarh | 3,058 | 3,850 | 5,512 | 5,748 |
| 6 | Goa | 1,179 | 1,263 | 1,015 | 1,001 |
| 7 | Gujarat | 7,445 | 7,239 | 6,649 | 6,492 |
| 8 | Haryana | 3,571 | 3,701 | 3,671 | 3,419 |
| 9 | Himachal Pradesh | 2,955 | 1,697 | 1,755 | 2,050 |
| 10 | Jammu & Kashmir | 4,390 | 3,112 | 3,217 | 2,907 |
| 11 | Jharkhand | 898 | 609 | 509 | 1,600 |
| 12 | Karnataka | 16,704 | 17,682 | 15,613 | 18,843 |
| 13 | Kerala | 13,369 | 12,104 | 11,162 | 10,985 |
| 14 | Madhya Pradesh | 10,706 | 11,566 | 11,922 | 15,031 |
| 15 | Maharashtra | 11,440 | 13,061 | 11,558 | 11,241 |
| 16 | Manipur | 582 | 614 | 692 | 685 |
| 17 | Meghalaya | 258 | 256 | 314 | 264 |
| 18 | Mizoram | 18 | 125 | 105 | 69 |
| 19 | Nagaland | 99 | 153 | 86 | 70 |
| 20 | Orissa | 5,082 | 4,296 | 5,198 | 5,453 |
| 21 | Punjab | 1,828 | 1,156 | 1,440 | 1,204 |
| 22 | Rajasthan | 10,240 | 10,273 | 10,363 | 9,798 |
| 23 | Sikkim | 40 | 36 | 145 | 186 |
| 24 | Tamil Nadu | 24,330 | 22,059 | 25,272 | 28,890 |
| 25 | Tripura | 760 | 511 | 430 | 375 |
| 26 | Uttarakhand | 1,045 | 896 | 962 | 922 |
| 27 | Uttar Pradesh | 5,939 | 6,820 | 8,011 | 7,464 |
| 28 | West Bengal | 4,607 | 4,400 | 5,594 | 5,453 |
| 29 | Andaman & Nicobar Islands | 0 | 55 | 74 | 156 |
| 30 | Chandigarh | 132 | 83 | 33 | 117 |
| 31 | Dadra & Nagar Haveli | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 0 | 0 | 0 | 0 |
| 33 | Delhi | 800 | 697 | 679 | 871 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 375 | 291 | 520 | 655 |
| Total | | 154,880 | 149,693 | 152,816 | 165,012 |

(P) : Provisional

* Includes expressways

Total Number of Road Accidents on State Highways: 2007 to 2010

| Sl. No. | States/UTs | State/UT-Wise Total Number of Road Accidents on State Highways as on 31st December | | | |
|--------------|---------------------------|--|----------------|----------------|----------------|
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 9,979 | 10,634 | 9,887 | 10,681 |
| 2 | Arunachal Pradesh | 88 | 115 | 114 | 128 |
| 3 | Assam | 1,010 | 849 | 1,034 | 1,345 |
| 4 | Bihar | 1,971 | 1,499 | 2,719 | 2,837 |
| 5 | Chhattisgarh | 3,265 | 3,814 | 3,564 | 3,363 |
| 6 | Goa | 536 | 610 | 787 | 925 |
| 7 | Gujarat | 9,630 | 10,167 | 9,210 | 9,177 |
| 8 | Haryana | 3,752 | 3,611 | 3,693 | 3,436 |
| 9 | Himachal Pradesh | 845 | 597 | 806 | 703 |
| 10 | Jammu & Kashmir | 745 | 971 | 1,054 | 930 |
| 11 | Jharkhand | 1,766 | 968 | 1,165 | 1,077 |
| 12 | Karnataka | 15,034 | 15,723 | 12,500 | 13,215 |
| 13 | Kerala | 7,215 | 6,452 | 6,637 | 6,537 |
| 14 | Madhya Pradesh | 10,645 | 9,875 | 10,987 | 12,939 |
| 15 | Maharashtra | 13,402 | 13,307 | 12,230 | 12,767 |
| 16 | Manipur | 137 | 173 | 165 | 136 |
| 17 | Meghalaya | 79 | 79 | 122 | 82 |
| 18 | Mizoram | 36 | 31 | 18 | 29 |
| 19 | Nagaland | 58 | 19 | 18 | 14 |
| 20 | Orissa | 2,198 | 1,964 | 2,386 | 2,062 |
| 21 | Punjab | 1,047 | 1,497 | 1,431 | 1,376 |
| 22 | Rajasthan | 2,870 | 2,581 | 2,913 | 3,119 |
| 23 | Sikkim | 26 | 36 | 159 | 49 |
| 24 | Tamil Nadu | 17,848 | 24,912 | 18,944 | 20,722 |
| 25 | Tripura | 306 | 438 | 464 | 526 |
| 26 | Uttarakhand | 335 | 269 | 293 | 358 |
| 27 | Uttar Pradesh | 7,396 | 8,130 | 8,783 | 8,591 |
| 28 | West Bengal | 3,170 | 3,237 | 2,600 | 4,074 |
| 29 | Andaman & Nicobar Islands | 0 | 0 | 0 | 0 |
| 30 | Chandigarh | 0 | 100 | 81 | 146 |
| 31 | Dadra & Nagar Haveli | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 0 | 0 | 0 | 0 |
| 33 | Delhi | 1,133 | 919 | 952 | 916 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 386 | 395 | 276 | 146 |
| Total | | 116,908 | 123,972 | 115,992 | 122,406 |

(P) : Provisional

**Total Number of Persons Killed in Road Accidents on State
Highways: 2007 to 2010**

| Sl. No. | States/UTs | State/UT-Wise Total Number of Persons Killed in Road Accidents on State Highways as on 31st December | | | |
|--------------|---------------------------|--|---------------|---------------|---------------|
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 3,345 | 3,742 | 3,881 | 3,981 |
| 2 | Arunachal Pradesh | 38 | 78 | 65 | 72 |
| 3 | Assam | 315 | 276 | 351 | 471 |
| 4 | Bihar | 814 | 962 | 1,145 | 1,414 |
| 5 | Chhattisgarh | 726 | 862 | 725 | 699 |
| 6 | Goa | 47 | 49 | 53 | 52 |
| 7 | Gujarat | 2,575 | 2,539 | 2,514 | 2,832 |
| 8 | Haryana | 1,525 | 1,550 | 1,575 | 1,597 |
| 9 | Himachal Pradesh | 338 | 157 | 231 | 225 |
| 10 | Jammu & Kashmir | 125 | 141 | 210 | 133 |
| 11 | Jharkhand | 679 | 376 | 239 | 239 |
| 12 | Karnataka | 2,885 | 3,000 | 2,609 | 2,692 |
| 13 | Kerala | 778 | 767 | 775 | 846 |
| 14 | Madhya Pradesh | 1,789 | 1,628 | 1,907 | 2,186 |
| 15 | Maharashtra | 3,971 | 4,056 | 3,769 | 4,057 |
| 16 | Manipur | 30 | 49 | 44 | 29 |
| 17 | Meghalaya | 34 | 34 | 35 | 32 |
| 18 | Mizoram | 25 | 20 | 14 | 17 |
| 19 | Nagaland | 19 | 18 | 19 | 10 |
| 20 | Orissa | 803 | 625 | 955 | 833 |
| 21 | Punjab | 747 | 846 | 885 | 880 |
| 22 | Rajasthan | 1,077 | 1,035 | 1,268 | 1,351 |
| 23 | Sikkim | 8 | 12 | 18 | 16 |
| 24 | Tamil Nadu | 3,731 | 5,165 | 4,510 | 5,250 |
| 25 | Tripura | 74 | 128 | 112 | 125 |
| 26 | Uttarakhand | 194 | 150 | 151 | 214 |
| 27 | Uttar Pradesh | 3,456 | 4,210 | 4,490 | 4,696 |
| 28 | West Bengal | 1,162 | 1,210 | 1,118 | 1,420 |
| 29 | Andaman & Nicobar Islands | 0 | 0 | 0 | 0 |
| 30 | Chandigarh | 0 | 28 | 35 | 43 |
| 31 | Dadra & Nagar Haveli | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 0 | 0 | 0 | 0 |
| 33 | Delhi | 319 | 307 | 353 | 345 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 59 | 61 | 37 | 14 |
| Total | | 31,688 | 34,081 | 34,093 | 36,771 |

(P) : Provisional

**Total Number of Persons Injured in Road Accidents on State
Highways: 2007 to 2010**

| Sl. No. | States/UTs | State/UT-Wise Total Number of Persons Injured in Road Accidents on State Highways as on 31st December | | | |
|--------------|---------------------------|---|----------------|----------------|----------------|
| | | 2007 | 2008 | 2009 | 2010 (P) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 13,760 | 15,045 | 12,247 | 13,505 |
| 2 | Arunachal Pradesh | 228 | 163 | 173 | 238 |
| 3 | Assam | 1,084 | 1,018 | 1,281 | 1,786 |
| 4 | Bihar | 1,620 | 1,498 | 1,960 | 2,190 |
| 5 | Chhattisgarh | 2,969 | 3,696 | 3,550 | 2,653 |
| 6 | Goa | 360 | 480 | 602 | 524 |
| 7 | Gujarat | 10,881 | 11,218 | 10,291 | 10,643 |
| 8 | Haryana | 3,497 | 3,577 | 3,545 | 3,371 |
| 9 | Himachal Pradesh | 1,145 | 1,145 | 1,307 | 1,262 |
| 10 | Jammu & Kashmir | 1,148 | 1,333 | 1,453 | 929 |
| 11 | Jharkhand | 1,128 | 355 | 184 | 935 |
| 12 | Karnataka | 20,673 | 21,671 | 17,622 | 18,344 |
| 13 | Kerala | 8,186 | 7,395 | 7,942 | 8,089 |
| 14 | Madhya Pradesh | 11,111 | 11,731 | 13,197 | 14,654 |
| 15 | Maharashtra | 13,880 | 14,886 | 12,859 | 13,342 |
| 16 | Manipur | 322 | 378 | 351 | 287 |
| 17 | Meghalaya | 78 | 78 | 266 | 114 |
| 18 | Mizoram | 35 | 31 | 40 | 105 |
| 19 | Nagaland | 49 | 32 | 37 | 43 |
| 20 | Orissa | 3,093 | 2,631 | 3,270 | 2,771 |
| 21 | Punjab | 1,156 | 1,707 | 1,072 | 916 |
| 22 | Rajasthan | 3,860 | 3,442 | 3,934 | 3,838 |
| 23 | Sikkim | 20 | 17 | 120 | 99 |
| 24 | Tamil Nadu | 22,021 | 28,192 | 22,278 | 23,822 |
| 25 | Tripura | 474 | 870 | 772 | 812 |
| 26 | Uttarakhand | 373 | 314 | 314 | 405 |
| 27 | Uttar Pradesh | 4,506 | 5,966 | 6,605 | 6,671 |
| 28 | West Bengal | 5,196 | 3,567 | 3,059 | 3,793 |
| 29 | Andaman & Nicobar Islands | 0 | 0 | 0 | 0 |
| 30 | Chandigarh | 0 | 87 | 58 | 123 |
| 31 | Dadra & Nagar Haveli | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 0 | 0 | 0 | 0 |
| 33 | Delhi | 1,002 | 730 | 857 | 909 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 404 | 455 | 271 | 191 |
| Total | | 134,259 | 143,708 | 131,517 | 137,364 |

(P) : Provisional

Total Number of Road Accidents in India classified according to Cause of Accidents: 2010

| Sl. No | States/UTs | Fault of Driver | | | Fault of Cyclist | | | Fault of Pedestrian | | | Defect in Condition of Motor Vehicle | | | Defect in Road Condition | | | Weather Condition | | | All Other Causes* | | |
|--------------|-----------------------|------------------------------|-------------------|----------------|------------------------------|-------------------|--------------|------------------------------|-------------------|---------------|--------------------------------------|-------------------|--------------|------------------------------|-------------------|--------------|------------------------------|-------------------|--------------|------------------------------|-------------------|---------------|
| | | Total No. of Road Acci-dents | Number of Persons | | Total No. of Road Acci-dents | Number of Persons | | Total No. of Road Acci-dents | Number of Persons | | Total No. of Road Acci-dents | Number of Persons | | Total No. of Road Acci-dents | Number of Persons | | Total No. of Road Acci-dents | Number of Persons | | Total No. of Road Acci-dents | Number of Persons | |
| | | | Killed | Injured | | Killed | Injured | | Killed | Injured | | Killed | Injured | | Killed | Injured | | Killed | Injured | | Killed | Injured |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 1 | Andhra Pradesh | 33,355 | 12,002 | 37,232 | 275 | 77 | 260 | 330 | 119 | 245 | 722 | 303 | 835 | 1,085 | 450 | 1,388 | 692 | 288 | 981 | 8,140 | 2,445 | 12,987 |
| 2 | Arunachal Pradesh | 97 | 69 | 139 | 3 | 1 | 2 | 5 | 2 | 5 | 59 | 23 | 95 | 27 | 11 | 61 | 9 | 0 | 11 | 93 | 42 | 178 |
| 3 | Assam | 5,566 | 2,133 | 7,400 | 80 | 39 | 51 | 136 | 61 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 23 | 40 |
| 4 | Bihar | 6,231 | 2,942 | 4,302 | 150 | 99 | 79 | 123 | 66 | 55 | 423 | 180 | 399 | 484 | 185 | 310 | 360 | 170 | 265 | 3,262 | 1,495 | 2,696 |
| 5 | Chhattisgarh | 8,029 | 1,614 | 7,999 | 222 | 36 | 250 | 324 | 87 | 254 | 795 | 209 | 677 | 246 | 63 | 273 | 467 | 90 | 500 | 3,581 | 857 | 3,646 |
| 6 | Goa | 3,838 | 282 | 2,322 | 69 | 3 | 41 | 266 | 26 | 156 | 62 | 2 | 26 | 1 | 0 | 1 | 2 | 0 | 2 | 334 | 14 | 161 |
| 7 | Gujarat | 25,950 | 6,587 | 28,516 | 619 | 114 | 582 | 2,452 | 541 | 2,245 | 133 | 42 | 130 | 55 | 10 | 89 | 61 | 6 | 45 | 844 | 206 | 842 |
| 8 | Haryana | 8,751 | 3,524 | 7,955 | 164 | 80 | 83 | 350 | 161 | 255 | 163 | 83 | 156 | 158 | 68 | 96 | 149 | 101 | 103 | 1,460 | 702 | 1,257 |
| 9 | Himachal Pradesh | 2,717 | 975 | 4,704 | 55 | 7 | 139 | 5 | 0 | 12 | 26 | 18 | 43 | 83 | 44 | 139 | 0 | 0 | 0 | 183 | 58 | 288 |
| 10 | Jammu & Kashmir | 3,213 | 591 | 4,232 | 4 | 1 | 9 | 6 | 0 | 10 | 137 | 13 | 176 | 0 | 0 | 0 | 0 | 0 | 0 | 2,774 | 440 | 4,299 |
| 11 | Jharkhand | 3,777 | 1,688 | 3,359 | 54 | 18 | 14 | 198 | 102 | 165 | 172 | 74 | 118 | 169 | 108 | 111 | 273 | 165 | 173 | 878 | 385 | 932 |
| 12 | Karnataka | 41,000 | 8,236 | 55,593 | 91 | 12 | 140 | 209 | 38 | 235 | 503 | 152 | 510 | 386 | 90 | 570 | 299 | 101 | 349 | 3,762 | 961 | 4,377 |
| 13 | Kerala | 34,958 | 3,922 | 41,365 | 18 | 6 | 12 | 90 | 21 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 1 | 17 |
| 14 | Madhya Pradesh | 41,286 | 6,727 | 47,595 | 638 | 92 | 674 | 1,032 | 136 | 1,103 | 1,435 | 219 | 1,449 | 633 | 70 | 627 | 377 | 47 | 378 | 4,622 | 794 | 5,071 |
| 15 | Maharashtra | 54,786 | 10,343 | 39,848 | 841 | 186 | 445 | 2,650 | 530 | 2,102 | 638 | 95 | 419 | 562 | 82 | 339 | 468 | 91 | 246 | 11,344 | 1,013 | 3,586 |
| 16 | Manipur | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 34 | 175 | 7 | 3 | 6 | 5 | 2 | 17 | 488 | 115 | 934 |
| 17 | Meghalaya | 191 | 94 | 214 | 15 | 1 | 16 | 15 | 2 | 11 | 64 | 20 | 72 | 7 | 6 | 1 | 7 | 0 | 5 | 175 | 40 | 142 |
| 18 | Mizoram | 91 | 66 | 149 | 0 | 0 | 0 | 1 | 1 | 0 | 12 | 5 | 27 | 13 | 7 | 57 | 0 | 0 | 0 | 8 | 3 | 19 |
| 19 | Nagaland | 5 | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 25 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | 40 |
| 20 | Orissa | 8,800 | 3,600 | 10,720 | 170 | 65 | 174 | 188 | 75 | 189 | 105 | 56 | 99 | 32 | 10 | 39 | 0 | 0 | 0 | 118 | 31 | 178 |
| 21 | Punjab | 3,221 | 2,241 | 2,398 | 83 | 50 | 40 | 42 | 25 | 3 | 123 | 57 | 75 | 141 | 58 | 89 | 71 | 57 | 59 | 1,826 | 1,054 | 1,407 |
| 22 | Rajasthan | 23,521 | 8,921 | 29,848 | 17 | 8 | 38 | 0 | 0 | 0 | 61 | 18 | 120 | 194 | 75 | 270 | 11 | 13 | 11 | 498 | 128 | 746 |
| 23 | Sikkim | 86 | 33 | 186 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 6 | 38 | 81 | 32 | 175 |
| 24 | Tamil Nadu | 54,978 | 12,992 | 63,498 | 1,304 | 281 | 1,493 | 2,094 | 636 | 1,755 | 440 | 69 | 490 | 552 | 139 | 587 | 80 | 17 | 83 | 5,548 | 1,275 | 7,539 |
| 25 | Tripura | 816 | 205 | 1,136 | 4 | 0 | 6 | 12 | 3 | 19 | 4 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 21 | 102 |
| 26 | Uttarakhand | 1,185 | 689 | 1,167 | 0 | 0 | 0 | 1 | 1 | 0 | 86 | 61 | 135 | 24 | 24 | 31 | 11 | 9 | 34 | 186 | 147 | 289 |
| 27 | Uttar Pradesh | 12,368 | 6,288 | 7,597 | 744 | 386 | 542 | 810 | 464 | 446 | 1,337 | 877 | 967 | 776 | 294 | 560 | 831 | 375 | 853 | 11,496 | 6,491 | 9,148 |
| 28 | West Bengal | 8,663 | 3,065 | 8,868 | 274 | 143 | 174 | 1,965 | 415 | 1,787 | 1,007 | 474 | 1,074 | 234 | 117 | 322 | 575 | 226 | 568 | 2,170 | 1,240 | 2,967 |
| 29 | Andaman & Nicobar Is. | 285 | 27 | 373 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | Chandigarh | 456 | 138 | 415 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | Dadra & Nagar Haveli | 96 | 62 | 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 44 | 26 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 0 |
| 33 | Delhi ** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,260 | 2,153 | 7,108 |
| 34 | Lakshadweep | 4 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 1,521 | 236 | 1,498 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 3 | 7 |
| Total | | 389,885 | 100,319 | 420,823 | 5,894 | 1,705 | 5,264 | 13,304 | 3,512 | 11,219 | 8,630 | 3,111 | 8,341 | 5,869 | 1,914 | 5,966 | 4,767 | 1,764 | 4,721 | 71,279 | 22,188 | 71,178 |

*: Includes Fault of Driver of other vehicles, Fault of Passengers, Poor light condition, Falling of boulders, Neglect of civic bodies, Stray animals, other causes and causes not known.

**: Data pertaining to Delhi is clubbed with All Other Causes due to non-submission of break-up of causes of accidents.

Accidents caused due to Intake of Alcohol/Drugs and Exceeding Lawful Speed by Drivers: 2010

| Sl. No. | States/UTs | Accidents caused due to intake of alcohol/drugs | | | Accident caused due to Exceeded Lawful Speed | | |
|---------|---------------------------|---|----------------|---------------|--|----------------|----------------|
| | | No. of Accidents | No. of Persons | | No. of Accidents | No. of Persons | |
| | | | Killed | Injured | | Killed | Injured |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Andhra Pradesh | 2,877 | 970 | 4,207 | 14,701 | 5,211 | 13,602 |
| 2 | Arunachal Pradesh | 8 | 5 | 11 | 71 | 42 | 123 |
| 3 | Assam | 361 | 160 | 535 | 3,941 | 1,400 | 5,100 |
| 4 | Bihar | 930 | 350 | 697 | 2,936 | 1,452 | 1,900 |
| 5 | Chhattisgarh | 1,241 | 283 | 1,312 | 6,662 | 1,382 | 6,553 |
| 6 | Goa | 29 | 0 | 19 | 2,821 | 214 | 1,773 |
| 7 | Gujarat | 234 | 33 | 225 | 18,960 | 4,898 | 21,356 |
| 8 | Haryana | 365 | 142 | 232 | 5,281 | 2,089 | 5,231 |
| 9 | Himachal Pradesh | 101 | 62 | 181 | 2,124 | 619 | 3,579 |
| 10 | Jammu & Kashmir | 133 | 15 | 145 | 3,083 | 570 | 4,249 |
| 11 | Jharkhand | 1,005 | 263 | 623 | 2,341 | 1,189 | 2,216 |
| 12 | Karnataka | 299 | 69 | 359 | 31,121 | 6,657 | 42,001 |
| 13 | Kerala | 65 | 11 | 68 | 19,861 | 2,462 | 23,061 |
| 14 | Madhya Pradesh | 4,082 | 947 | 5,698 | 26,887 | 4,471 | 31,421 |
| 15 | Maharashtra | 2,407 | 620 | 2,259 | 33,856 | 7,301 | 21,238 |
| 16 | Manipur | 33 | 4 | 67 | 144 | 20 | 299 |
| 17 | Meghalaya | 33 | 6 | 62 | 137 | 84 | 102 |
| 18 | Mizoram | 27 | 15 | 53 | 39 | 29 | 49 |
| 19 | Nagaland | 2 | 1 | 13 | 3 | 0 | 0 |
| 20 | Orissa | 858 | 329 | 803 | 3,711 | 1,463 | 4,776 |
| 21 | Punjab | 539 | 299 | 436 | 2,008 | 1,336 | 1,332 |
| 22 | Rajasthan | 1,804 | 711 | 2,395 | 10,892 | 4,451 | 14,098 |
| 23 | Sikkim | 36 | 13 | 75 | 25 | 9 | 50 |
| 24 | Tamil Nadu | 2,439 | 431 | 2,541 | 28,922 | 6,323 | 29,809 |
| 25 | Tripura | 0 | 0 | 0 | 649 | 163 | 965 |
| 26 | Uttarakhand | 0 | 0 | 0 | 767 | 456 | 713 |
| 27 | Uttar Pradesh | 2,305 | 1,123 | 1,554 | 2,810 | 1,468 | 2,230 |
| 28 | West Bengal | 8,663 | 3,065 | 8,868 | 274 | 143 | 175 |
| 29 | Andaman & Nicobar Islands | 26 | 1 | 42 | 183 | 18 | 276 |
| 30 | Chandigarh | 0 | 0 | 0 | 41 | 17 | 26 |
| 31 | Dadra & Nagar Haveli | 73 | 47 | 69 | 23 | 15 | 65 |
| 32 | Daman & Diu | 1 | 1 | 6 | 13 | 12 | 14 |
| 33 | Delhi | 12 | 0 | 0 | 507 | 0 | 0 |
| 34 | Lakshadweep | 0 | 0 | 0 | 4 | 0 | 5 |
| 35 | Puducherry | 12 | 0 | 12 | 1,509 | 239 | 1,486 |
| | Total | 31,000 | 9,976 | 33,567 | 227,307 | 56,203 | 239,873 |

This Table is to be used in conjunction with Table XI.

Accidents Caused due to Over-Loading/Over-Crowding/Load Protruding: 2010

| Sl. No. | States/UTs | Accidents caused due to Overloading/Overcrowding | | | Accidents Caused due to Load Protruding | | | Total Accidents in States/UTs | | |
|---------|-----------------------|--|----------------|----------------|---|----------------|---------------|-------------------------------|----------------|----------------|
| | | No. of Accidents | No. of Persons | | No. of Accidents | No. of Persons | | No. of Accident | No. of Persons | |
| | | | Killed | Injured | | Killed | Injured | | Killed | Injured |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | Andhra Pradesh | 8,722 | 3,542 | 12,505 | 3,097 | 1,243 | 4,014 | 44,599 | 15,684 | 53,928 |
| 2 | Arunachal Pradesh | 14 | 10 | 21 | 10 | 2 | 17 | 293 | 148 | 491 |
| 3 | Assam | 977 | 303 | 1,541 | 129 | 49 | 139 | 5,828 | 2,256 | 7,579 |
| 4 | Bihar | 7,050 | 3,391 | 5,179 | 1,684 | 795 | 1,283 | 11,033 | 5,137 | 8,106 |
| 5 | Chhattisgarh | 2,312 | 483 | 2,486 | 1,437 | 300 | 1,434 | 13,664 | 2,956 | 13,599 |
| 6 | Goa | 71 | 4 | 32 | 121 | 10 | 76 | 4,572 | 327 | 2,709 |
| 7 | Gujarat | 3,872 | 1,098 | 4,090 | 1,283 | 315 | 1,332 | 30,114 | 7,506 | 32,449 |
| 8 | Haryana | 3,464 | 1,615 | 3,569 | 360 | 145 | 366 | 11,195 | 4,719 | 9,905 |
| 9 | Himachal Pradesh | 1,415 | 324 | 2,298 | 482 | 201 | 835 | 3,069 | 1,102 | 5,325 |
| 10 | Jammu & Kashmir | 3,512 | 533 | 4,733 | 763 | 100 | 1,206 | 6,134 | 1,045 | 8,726 |
| 11 | Jharkhand | 986 | 506 | 875 | 93 | 43 | 119 | 5,521 | 2,540 | 4,872 |
| 12 | Karnataka | 9,884 | 2,063 | 14,286 | 4,176 | 818 | 5,519 | 46,250 | 9,590 | 61,774 |
| 13 | Kerala | 895 | 83 | 949 | 157 | 12 | 199 | 35,082 | 3,950 | 41,473 |
| 14 | Madhya Pradesh | 11,323 | 2,079 | 12,231 | 3,879 | 728 | 4,478 | 50,023 | 8,085 | 56,897 |
| 15 | Maharashtra | 16,019 | 2,923 | 11,624 | 12,419 | 2,289 | 6,907 | 71,289 | 12,340 | 46,985 |
| 16 | Manipur | 283 | 58 | 591 | 319 | 96 | 541 | 602 | 154 | 1,132 |
| 17 | Meghalaya | 91 | 32 | 111 | 143 | 44 | 110 | 474 | 163 | 461 |
| 18 | Mizoram | 24 | 11 | 54 | 17 | 3 | 18 | 125 | 82 | 252 |
| 19 | Nagaland | NR | NR | NR | NR | NR | NR | 35 | 40 | 121 |
| 20 | Orissa | 3,817 | 1,680 | 4,451 | 975 | 307 | 1,242 | 9,413 | 3,837 | 11,399 |
| 21 | Punjab | 1,242 | 824 | 746 | 777 | 497 | 620 | 5,507 | 3,542 | 4,071 |
| 22 | Rajasthan | 4,828 | 1,925 | 6,274 | 473 | 265 | 606 | 24,302 | 9,163 | 31,033 |
| 23 | Sikkim | 36 | 13 | 75 | 17 | 7 | 37 | 186 | 71 | 399 |
| 24 | Tamil Nadu | 18,183 | 4,118 | 20,954 | 2,972 | 546 | 3,481 | 64,996 | 15,409 | 75,445 |
| 25 | Tripura | 401 | 109 | 679 | 416 | 103 | 449 | 901 | 231 | 1,269 |
| 26 | Uttarakhand | 419 | 276 | 450 | 177 | 99 | 193 | 1,493 | 931 | 1,656 |
| 27 | Uttar Pradesh | 6,864 | 3,405 | 4,383 | 3,136 | 1,775 | 2,653 | 28,362 | 15,175 | 20,113 |
| 28 | West Bengal | 2,628 | 560 | 4,860 | 0 | 0 | 0 | 14,888 | 5,680 | 15,760 |
| 29 | Andaman & Nicobar Is. | 7 | 3 | 17 | 0 | 0 | 0 | 285 | 27 | 373 |
| 30 | Chandigarh | 0 | 0 | 0 | 0 | 0 | 0 | 456 | 138 | 415 |
| 31 | Dadra & Nagar Haveli | NR | NR | NR | NR | NR | NR | 96 | 62 | 134 |
| 32 | Daman & Diu | 1 | 0 | 11 | 0 | 0 | 0 | 48 | 31 | 43 |
| 33 | Delhi | NR | NR | NR | NR | NR | NR | 7,260 | 2,153 | 7,108 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 5 |
| 35 | Puducherry | 17 | 3 | 14 | 0 | 0 | 0 | 1,529 | 239 | 1,505 |
| | Total | 109,357 | 31,974 | 120,089 | 39,512 | 10,792 | 37,874 | 499,628 | 134,513 | 527,512 |

NR: Not Reported.

Total Number of Road Accidents in India classified according to Types of Vehicles and Objects Primarily Responsible: 2010

| Sl. No. | States/UTs | Two-Wheelers | | | | Auto-Rickshaws | | | | Cars, Jeeps, Taxis | | | | Buses | | | | Trucks, Tempos, MAVs, | | | | Other Motor Vehicles | | | | Other Vehicles/Objects | | | |
|---------|-----------------------|--------------------------|--------|-------------------|---------|--------------------------|-------|-------------------|---------|--------------------------|--------|-------------------|---------|--------------------------|--------|-------------------|---------|--------------------------|--------|-------------------|---------|--------------------------|--------|-------------------|---------|--------------------------|-------|-------------------|---------|
| | | Number of Road Accidents | | Number of Persons | | Number of Road Accidents | | Number of Persons | | Number of Road Accidents | | Number of Persons | | Number of Road Accidents | | Number of Persons | | Number of Road Accidents | | Number of Persons | | Number of Road Accidents | | Number of Persons | | Number of Road Accidents | | Number of Persons | |
| | | Total | Fatal | Killed | Injured | Total | Fatal | Killed | Injured | Total | Fatal | Killed | Injured | Total | Fatal | Killed | Injured | Total | Fatal | Killed | Injured | Total | Fatal | Killed | Injured | Total | Fatal | Killed | Injured |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 1 | Andhra Pradesh | 8,476 | 2,494 | 2,610 | 8,562 | 7,200 | 1,629 | 1,882 | 10,717 | 7,237 | 1,903 | 1,948 | 8,741 | 3,762 | 1,307 | 1,483 | 4,615 | 11,421 | 4,340 | 5,274 | 13,410 | 4,258 | 1,581 | 1,797 | 5,887 | 2,245 | 678 | 690 | 1,996 |
| 2 | Arunachal Pradesh | 57 | 18 | 18 | 47 | 14 | 4 | 4 | 23 | 73 | 22 | 28 | 119 | 10 | 2 | 5 | 120 | 73 | 20 | 41 | 99 | 66 | 42 | 47 | 54 | 0 | 0 | 5 | 29 |
| 3 | Assam | 957 | 325 | 348 | 774 | 342 | 72 | 86 | 550 | 1,367 | 419 | 491 | 1,501 | 906 | 280 | 452 | 2,125 | 1,336 | 498 | 536 | 1,415 | 658 | 222 | 220 | 1,035 | 262 | 108 | 123 | 179 |
| 4 | Bihar | 1,286 | 475 | 533 | 905 | 704 | 246 | 258 | 439 | 2,890 | 1,181 | 1,313 | 2,302 | 1,361 | 546 | 635 | 983 | 3,844 | 1,612 | 1,812 | 2,986 | 506 | 231 | 328 | 252 | 442 | 222 | 258 | 239 |
| 5 | Chhattisgarh | 3,887 | 562 | 587 | 3,891 | 323 | 29 | 28 | 387 | 3,015 | 387 | 479 | 3,406 | 1,000 | 206 | 242 | 1,286 | 3,163 | 824 | 904 | 2,676 | 1,967 | 582 | 643 | 1,687 | 309 | 78 | 73 | 266 |
| 6 | Goa | 1,899 | 182 | 193 | 1,192 | 67 | 1 | 1 | 58 | 1,174 | 43 | 44 | 611 | 251 | 15 | 15 | 292 | 593 | 31 | 34 | 244 | 58 | 0 | 0 | 20 | 530 | 35 | 40 | 292 |
| 7 | Gujarat | 7,043 | 1,330 | 1,456 | 6,981 | 3,330 | 560 | 640 | 4,005 | 5,155 | 1,129 | 1,378 | 6,183 | 1,359 | 296 | 347 | 1,844 | 7,411 | 1,912 | 2,152 | 7,847 | 1,652 | 554 | 614 | 1,656 | 4,164 | 867 | 919 | 3,933 |
| 8 | Haryana | 1,180 | 297 | 357 | 1,460 | 443 | 131 | 189 | 304 | 2,797 | 893 | 1,039 | 2,424 | 668 | 303 | 340 | 664 | 3,103 | 1,272 | 1,461 | 2,643 | 1,328 | 585 | 598 | 1,510 | 1,676 | 687 | 735 | 900 |
| 9 | Himachal Pradesh | 837 | 186 | 229 | 1,213 | 24 | 2 | 1 | 65 | 891 | 225 | 391 | 1,608 | 277 | 45 | 51 | 974 | 581 | 194 | 275 | 797 | 227 | 54 | 74 | 401 | 232 | 60 | 81 | 267 |
| 10 | Jammu & Kashmir | 1,139 | 134 | 146 | 1,290 | 224 | 16 | 18 | 243 | 1,166 | 129 | 158 | 1,435 | 707 | 102 | 186 | 2,081 | 1,635 | 226 | 295 | 1,994 | 1,261 | 206 | 241 | 1,681 | 2 | 1 | 1 | 2 |
| 11 | Jharkhand | 1,489 | 555 | 579 | 1,193 | 292 | 87 | 103 | 346 | 786 | 305 | 346 | 872 | 488 | 184 | 254 | 531 | 1,561 | 733 | 846 | 1,254 | 376 | 174 | 196 | 275 | 529 | 218 | 216 | 401 |
| 12 | Karnataka | 12,133 | 1,872 | 2,041 | 13,490 | 3,573 | 422 | 478 | 5,659 | 8,432 | 1,198 | 1,374 | 11,445 | 4,562 | 884 | 1,006 | 8,026 | 12,002 | 2,654 | 3,059 | 15,323 | 4,624 | 1,010 | 1,292 | 6,848 | 924 | 314 | 340 | 983 |
| 13 | Kerala | 11,643 | 904 | 938 | 11,495 | 4,865 | 238 | 257 | 5,893 | 8,371 | 928 | 1,014 | 10,411 | 4,693 | 705 | 795 | 7,302 | 3,832 | 565 | 622 | 4,593 | 1,554 | 278 | 296 | 1,671 | 124 | 28 | 28 | 108 |
| 14 | Madhya Pradesh | 17,071 | 1,620 | 1,863 | 18,659 | 1,727 | 98 | 108 | 2,026 | 10,636 | 1,363 | 1,571 | 11,784 | 3,916 | 632 | 789 | 6,800 | 11,955 | 2,442 | 2,798 | 12,760 | 3,793 | 771 | 830 | 4,002 | 925 | 118 | 126 | 866 |
| 15 | Maharashtra | 13,532 | 2,173 | 2,666 | 8,564 | 7,282 | 735 | 804 | 4,805 | 15,029 | 1,995 | 2,173 | 11,110 | 5,475 | 703 | 741 | 3,222 | 18,301 | 3,155 | 3,432 | 11,205 | 6,902 | 1,533 | 1,564 | 4,667 | 4,768 | 894 | 960 | 3,412 |
| 16 | Manipur | 162 | 28 | 29 | 299 | 36 | 6 | 6 | 79 | 156 | 16 | 19 | 281 | 47 | 7 | 10 | 97 | 121 | 43 | 58 | 244 | 80 | 21 | 32 | 132 | 0 | 0 | 0 | 0 |
| 17 | Meghalaya | 57 | 14 | 15 | 65 | 29 | 5 | 5 | 40 | 146 | 32 | 38 | 126 | 17 | 4 | 9 | 63 | 179 | 50 | 68 | 141 | 0 | 0 | 0 | 0 | 46 | 26 | 28 | 26 |
| 18 | Mizoram | 27 | 14 | 14 | 12 | 5 | 0 | 0 | 20 | 22 | 12 | 11 | 54 | 13 | 6 | 23 | 75 | 32 | 23 | 24 | 61 | 26 | 8 | 10 | 30 | 0 | 0 | 0 | 0 |
| 19 | Nagaland | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 3 | 7 | 69 | 13 | 9 | 11 | 19 | 15 | 10 | 20 | 31 | 0 | 0 | 0 | 0 |
| 20 | Orissa | 1,982 | 686 | 746 | 2,046 | 488 | 133 | 154 | 643 | 1,486 | 433 | 516 | 2,080 | 821 | 258 | 320 | 1,588 | 3,279 | 1,377 | 1,549 | 3,385 | 744 | 295 | 315 | 978 | 613 | 206 | 237 | 679 |
| 21 | Punjab | 830 | 523 | 397 | 533 | 120 | 78 | 73 | 77 | 1,507 | 875 | 750 | 1,051 | 593 | 369 | 340 | 564 | 1,664 | 1,056 | 1,091 | 1,075 | 559 | 215 | 742 | 677 | 234 | 166 | 149 | 94 |
| 22 | Rajasthan | 5,405 | 1,427 | 1,503 | 5,779 | 588 | 126 | 112 | 808 | 6,741 | 2,072 | 2,341 | 8,847 | 2,023 | 678 | 837 | 3,821 | 6,825 | 2,798 | 3,180 | 8,321 | 2,684 | 1,031 | 1,175 | 3,385 | 36 | 11 | 15 | 72 |
| 23 | Sikkim | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 186 | 32 | 71 | 399 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | Tamil Nadu | 19,086 | 3,703 | 3,835 | 19,679 | 2,899 | 468 | 496 | 3,697 | 18,038 | 3,289 | 3,651 | 23,202 | 8,890 | 2,301 | 2,553 | 12,444 | 9,552 | 3,051 | 3,312 | 9,413 | 215 | 36 | 14 | 205 | 6,316 | 1,393 | 1,548 | 6,805 |
| 25 | Tripura | 130 | 42 | 43 | 128 | 128 | 30 | 31 | 163 | 206 | 50 | 53 | 355 | 57 | 12 | 12 | 125 | 213 | 48 | 49 | 268 | 82 | 17 | 17 | 97 | 85 | 25 | 26 | 133 |
| 26 | Uttarakhand | 260 | 86 | 99 | 237 | 53 | 28 | 31 | 61 | 380 | 180 | 249 | 461 | 199 | 109 | 168 | 257 | 448 | 247 | 281 | 488 | 150 | 87 | 100 | 151 | 3 | 3 | 3 | 1 |
| 27 | Uttar Pradesh | 4,917 | 2,255 | 2,453 | 3,222 | 622 | 275 | 327 | 581 | 6,115 | 2,700 | 3,202 | 4,630 | 2,300 | 1,045 | 1,225 | 1,811 | 7,484 | 3,668 | 4,031 | 5,008 | 3,032 | 1,444 | 1,584 | 2,004 | 3,892 | 1,895 | 2,353 | 2,857 |
| 28 | West Bengal | 1,709 | 671 | 643 | 1,349 | 581 | 181 | 165 | 587 | 2,294 | 683 | 732 | 2,311 | 1,863 | 555 | 688 | 2,998 | 3,922 | 1,652 | 1,943 | 3,917 | 2,047 | 690 | 837 | 2,432 | 2,472 | 543 | 672 | 2,166 |
| 29 | Andaman & Nicobar Is. | 88 | 5 | 5 | 98 | 36 | 1 | 1 | 55 | 78 | 3 | 3 | 92 | 36 | 8 | 10 | 70 | 21 | 7 | 7 | 26 | 26 | 1 | 1 | 32 | 0 | 0 | 0 | 0 |
| 30 | Chandigarh | 125 | 28 | 28 | 121 | 47 | 1 | 15 | 60 | 142 | 45 | 42 | 105 | 19 | 11 | 6 | 16 | 32 | 14 | 16 | 33 | 14 | 4 | 4 | 10 | 77 | 29 | 27 | 70 |
| 31 | Dadra & Nagar Haveli | 21 | 16 | 17 | 24 | 3 | 1 | 1 | 6 | 20 | 11 | 11 | 22 | 9 | 3 | 3 | 59 | 34 | 24 | 24 | 22 | 9 | 6 | 6 | 1 | 0 | 0 | 0 | 0 |
| 32 | Daman & Diu | 18 | 12 | 12 | 12 | 0 | 0 | 0 | 0 | 10 | 9 | 6 | 12 | 3 | 1 | 1 | 9 | 12 | 6 | 6 | 10 | 5 | 2 | 6 | 0 | 0 | 0 | 0 | 0 |
| 33 | Delhi * | 979 | 152 | 154 | NR | 131 | 20 | 20 | NR | 2,059 | 346 | 369 | NR | 675 | 219 | 227 | NR | 1,333 | 513 | 522 | NR | 167 | 47 | 47 | NR | 1,916 | 807 | 814 | NR |
| 34 | Lakshadweep | 4 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 593 | 55 | 57 | 581 | 89 | 10 | 11 | 96 | 343 | 42 | 53 | 350 | 215 | 42 | 43 | 190 | 232 | 44 | 44 | 232 | 49 | 28 | 28 | 49 | 8 | 3 | 3 | 7 |
| Total | | 119,024 | 22,846 | 24,616 | 113,907 | 36,265 | 5,633 | 6,305 | 42,493 | 108,949 | 22,950 | 25,864 | 118,331 | 47,219 | 11,841 | 13,823 | 65,121 | 116,207 | 35,108 | 39,757 | 111,909 | 39,134 | 11,765 | 13,678 | 41,860 | 32,830 | 9,415 | 10,470 | 26,783 |

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

Other Vehicles/Objects include cycles, cycle rickshaws, hand-drawn vehicles, pedestrians, animals, trees, level-crossings and other fixed objects.

*: The sum total of all the figures in the column 'Number of Persons Injured' does not tally with the total given under 'Number of Persons Injured' in Annex I due to non-submission of vehicle-wise break-up by Delhi.

The sum total of the number of total and fatal road accidents and the number of persons killed and injured for States/UTs which have not given the complete vehicle-wise break-up, has been shown under 'Other Motor Vehicles' to tally the sum total with Annex II, III, IV and XV.

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

| Sl. No. | States/UTs | 2007 | 2008 | 2009 |
|---------|---------------------------|------------|------------|------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | Andhra Pradesh | 6.6 | 6.8 | 7.0 |
| 2 | Arunachal Pradesh | 0.02 | 0.02 | 0.02 |
| 3 | Assam | 1.1 | 1.1 | 1.1 |
| 4 | Bihar | 1.6 | 1.7 | 1.7 |
| 5 | Chhattisgarh | 1.8 | 1.8 | 1.8 |
| 6 | Goa | 0.6 | 0.6 | 0.6 |
| 7 | Gujarat | 9.8 | 9.8 | 9.6 |
| 8 | Haryana | 3.7 | 3.8 | 3.8 |
| 9 | Himachal Pradesh | 0.4 | 0.4 | 0.4 |
| 10 | Jammu & Kashmir | 0.6 | 0.6 | 0.6 |
| 11 | Jharkhand | 1.7 | 1.8 | 1.8 |
| 12 | Karnataka | 5.7 | 5.9 | 6.0 |
| 13 | Kerala | 4.1 | 4.2 | 4.2 |
| 14 | Madhya Pradesh | 5.2 | 5.2 | 5.2 |
| 15 | Maharashtra | 12.6 | 12.7 | 12.6 |
| 16 | Manipur | 0.1 | 0.1 | 0.1 |
| 17 | Meghalaya | 0.1 | 0.1 | 0.1 |
| 18 | Mizoram | 0.1 | 0.1 | 0.1 |
| 19 | Nagaland | 0.2 | 0.2 | 0.2 |
| 20 | Orissa | 2.2 | 2.2 | 2.3 |
| 21 | Punjab | 4.4 | 4.3 | 4.2 |
| 22 | Rajasthan | 5.5 | 5.6 | 5.6 |
| 23 | Sikkim | 0.03 | 0.02 | 0.03 |
| 24 | Tamil Nadu | 11.4 | 11.3 | 11.2 |
| 25 | Tripura | 0.1 | 0.1 | 0.1 |
| 26 | Uttarakhand | 0.7 | 0.7 | 0.7 |
| 27 | Uttar Pradesh | 9.4 | 9.3 | 9.4 |
| 28 | West Bengal | 3.3 | 2.6 | 2.6 |
| 29 | Andaman & Nicobar Islands | 0.0 | 0.1 | 0.1 |
| 30 | Chandigarh | 0.7 | 0.7 | 0.7 |
| 31 | Dadra & Nagar Haveli | 0.1 | 0.1 | 0.1 |
| 32 | Daman & Diu | 0.1 | 0.1 | 0.1 |
| 33 | Delhi | 5.7 | 5.6 | 5.5 |
| 34 | Lakshadweep | 0.01 | 0.01 | 0.01 |
| 35 | Puducherry | 0.4 | 0.5 | 0.5 |
| | Total | 100 | 100 | 100 |

Total Number of Fatal Road Accidents in States/UTs: 2007-2010

| Sl. No. | States/UTs | 2007 | 2008 | 2009 | 2010 (P) |
|----------------|---------------------------|----------------|----------------|----------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 11,885 | 12,233 | 12,676 | 13,932 |
| 2 | Arunachal Pradesh | 81 | 90 | 114 | 108 |
| 3 | Assam | 1,483 | 1,641 | 1,735 | 1,924 |
| 4 | Bihar | 3,074 | 3,514 | 4,038 | 4,513 |
| 5 | Chhattisgarh | 2,496 | 2,600 | 2,566 | 2,668 |
| 6 | Goa | 300 | 294 | 298 | 307 |
| 7 | Gujarat | 5,958 | 6,132 | 6,112 | 6,648 |
| 8 | Haryana | 3,980 | 4,071 | 4,227 | 4,168 |
| 9 | Himachal Pradesh | 659 | 568 | 760 | 766 |
| 10 | Jammu & Kashmir | 717 | 694 | 773 | 814 |
| 11 | Jharkhand | 2,078 | 1,829 | 2,042 | 2,256 |
| 12 | Karnataka | 7,875 | 7,848 | 7,717 | 8,354 |
| 13 | Kerala | 3,465 | 3,632 | 3,556 | 3,646 |
| 14 | Madhya Pradesh | 5,457 | 5,861 | 6,415 | 7,044 |
| 15 | Maharashtra | 9,802 | 10,789 | 10,143 | 11,188 |
| 16 | Manipur | 103 | 109 | 99 | 121 |
| 17 | Meghalaya | 107 | 103 | 124 | 131 |
| 18 | Mizoram | 44 | 53 | 51 | 63 |
| 19 | Nagaland | 74 | 57 | 33 | 24 |
| 20 | Orissa | 2,726 | 2,838 | 3,043 | 3,388 |
| 21 | Punjab | 2,664 | 2,840 | 3,216 | 3,282 |
| 22 | Rajasthan | 7,036 | 7,241 | 8,010 | 8,143 |
| 23 | Sikkim | 31 | 32 | 55 | 32 |
| 24 | Tamil Nadu | 11,034 | 11,813 | 12,727 | 14,241 |
| 25 | Tripura | 195 | 190 | 216 | 224 |
| 26 | Uttarakhand | 773 | 717 | 676 | 740 |
| 27 | Uttar Pradesh | 10,256 | 11,652 | 12,679 | 13,282 |
| 28 | West Bengal | 4,232 | 4,671 | 4,135 | 4,975 |
| 29 | Andaman & Nicobar Islands | 21 | 22 | 31 | 25 |
| 30 | Chandigarh | 142 | 144 | 164 | 132 |
| 31 | Dadra & Nagar Haveli | 61 | 62 | 43 | 61 |
| 32 | Daman & Diu | 29 | 29 | 32 | 30 |
| 33 | Delhi | 2,081 | 2,015 | 2,272 | 2,104 |
| 34 | Lakshadweep | 0 | 0 | 1 | 0 |
| 35 | Puducherry | 242 | 207 | 214 | 224 |
| | Total | 101,161 | 106,591 | 110,993 | 119,558 |

P: Provisional

**Total Number of Accidents, Number of Persons Killed and Number of Persons Injured in
Road Accidents in Urban & Rural Areas: 2010**

| Sl. No. | States/UTs | Urban | | | Rural | | | Total | | |
|------------|---------------------------|----------------|---------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|
| | | Total | Killed | Injured | Total | Killed | Injured | Total | Killed | Injured |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | Andhra Pradesh | 17,996 | 5,334 | 20,186 | 26,603 | 10,350 | 33,742 | 44,599 | 15,684 | 53,928 |
| 2 | Arunachal Pradesh | 165 | 58 | 301 | 128 | 90 | 190 | 293 | 148 | 491 |
| 3 | Assam | 3,741 | 1,415 | 4,438 | 2,087 | 841 | 3,141 | 5,828 | 2,256 | 7,579 |
| 4 | Bihar | 3,908 | 1,686 | 2,858 | 7,125 | 3,451 | 5,248 | 11,033 | 5,137 | 8,106 |
| 5 | Chhattisgarh | 6,341 | 1,102 | 5,487 | 7,323 | 1,854 | 8,112 | 13,664 | 2,956 | 13,599 |
| 6 | Goa | 2,334 | 168 | 1,412 | 2,238 | 159 | 1,297 | 4,572 | 327 | 2,709 |
| 7 | Gujarat | 11,287 | 1,866 | 11,351 | 18,827 | 5,640 | 21,098 | 30,114 | 7,506 | 32,449 |
| 8 | Haryana | 3,898 | 1,619 | 2,601 | 7,297 | 3,100 | 7,304 | 11,195 | 4,719 | 9,905 |
| 9 | Himachal Pradesh | 1,198 | 293 | 2,029 | 1,871 | 809 | 3,296 | 3,069 | 1,102 | 5,325 |
| 10 | Jammu & Kashmir | 1,982 | 425 | 3,899 | 4,152 | 620 | 4,827 | 6,134 | 1,045 | 8,726 |
| 11 | Jharkhand | 2,367 | 960 | 1,960 | 3,154 | 1,580 | 2,912 | 5,521 | 2,540 | 4,872 |
| 12 | Karnataka | 21,841 | 3,571 | 25,170 | 24,409 | 6,019 | 36,604 | 46,250 | 9,590 | 61,774 |
| 13 | Kerala | 13,712 | 1,639 | 16,278 | 21,370 | 2,311 | 25,195 | 35,082 | 3,950 | 41,473 |
| 14 | Madhya Pradesh | 25,596 | 3,223 | 25,985 | 24,427 | 4,862 | 30,912 | 50,023 | 8,085 | 56,897 |
| 15 | Maharashtra | 41,409 | 4,767 | 21,585 | 29,880 | 7,573 | 25,400 | 71,289 | 12,340 | 46,985 |
| 16 | Manipur | 238 | 66 | 524 | 364 | 88 | 608 | 602 | 154 | 1,132 |
| 17 | Meghalaya | 221 | 43 | 157 | 253 | 120 | 304 | 474 | 163 | 461 |
| 18 | Mizoram | 77 | 33 | 113 | 48 | 49 | 139 | 125 | 82 | 252 |
| 19 | Nagaland | 35 | 40 | 121 | 0 | 0 | 0 | 35 | 40 | 121 |
| 20 | Orissa | 4,397 | 1,697 | 5,585 | 5,016 | 2,140 | 5,814 | 9,413 | 3,837 | 11,399 |
| 21 | Punjab | 2,247 | 1,180 | 1,582 | 3,260 | 2,362 | 2,489 | 5,507 | 3,542 | 4,071 |
| 22 | Rajasthan | 8,880 | 2,662 | 10,168 | 15,422 | 6,501 | 20,865 | 24,302 | 9,163 | 31,033 |
| 23 | Sikkim | 72 | 10 | 73 | 114 | 61 | 326 | 186 | 71 | 399 |
| 24 | Tamil Nadu | 26,955 | 5,837 | 30,151 | 38,041 | 9,572 | 45,294 | 64,996 | 15,409 | 75,445 |
| 25 | Tripura | 205 | 48 | 233 | 696 | 183 | 1,036 | 901 | 231 | 1,269 |
| 26 | Uttarakhand | 790 | 457 | 839 | 703 | 474 | 817 | 1,493 | 931 | 1,656 |
| 27 | Uttar Pradesh | 14,453 | 7,605 | 9,880 | 13,909 | 7,570 | 10,233 | 28,362 | 15,175 | 20,113 |
| 28 | West Bengal | 8,694 | 2,815 | 8,591 | 6,194 | 2,865 | 7,169 | 14,888 | 5,680 | 15,760 |
| 29 | Andaman & Nicobar Islands | 149 | 8 | 141 | 136 | 19 | 232 | 285 | 27 | 373 |
| 30 | Chandigarh | 398 | 122 | 353 | 58 | 16 | 62 | 456 | 138 | 415 |
| 31 | Dadra & Nagar Haveli | 22 | 10 | 20 | 74 | 52 | 114 | 96 | 62 | 134 |
| 32 | Daman & Diu | 10 | 6 | 9 | 38 | 25 | 34 | 48 | 31 | 43 |
| 33 | Delhi | 7,260 | 2,153 | 7,108 | 0 | 0 | 0 | 7,260 | 2,153 | 7,108 |
| 34 | Lakshadweep | 0 | 0 | 0 | 4 | 0 | 5 | 4 | 0 | 5 |
| 35 | Puducherry | 879 | 131 | 810 | 650 | 108 | 695 | 1,529 | 239 | 1,505 |
| | Total | 233,757 | 53,049 | 221,998 | 265,871 | 81,464 | 305,514 | 499,628 | 134,513 | 527,512 |

Total Number of Persons Killed in Road Accidents in terms of Road User Categories: 2010

| S.No | States/UTs | Pedestrians | Bicycles | Two-Wheelers | Auto-Rickshaws | Car, Taxis, Vans and Other Light and Medium Motor Vehicles | Trucks | Buses | Other Motor Vehicles | Others* | Total |
|------|---------------------------|---------------|--------------|---------------|----------------|--|---------------|---------------|----------------------|--------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | Andhra Pradesh | 1,397 | 728 | 3,301 | 2,015 | 1,718 | 2,458 | 998 | 1,928 | 1,141 | 15,684 |
| 2 | Arunachal Pradesh | 5 | 0 | 20 | 4 | 28 | 37 | 5 | 49 | 0 | 148 |
| 3 | Assam | 61 | 49 | 349 | 86 | 491 | 459 | 452 | 287 | 22 | 2,256 |
| 4 | Bihar | 156 | 323 | 462 | 435 | 891 | 675 | 808 | 1,255 | 132 | 5,137 |
| 5 | Chhattisgarh | 61 | 364 | 757 | 225 | 262 | 261 | 341 | 590 | 95 | 2,956 |
| 6 | Goa | 90 | 6 | 184 | 0 | 30 | 7 | 7 | 3 | 0 | 327 |
| 7 | Gujarat | 839 | 170 | 1,585 | 694 | 1,465 | 1,327 | 414 | 911 | 101 | 7,506 |
| 8 | Haryana | 260 | 411 | 1,223 | 246 | 708 | 670 | 244 | 406 | 551 | 4,719 |
| 9 | Himachal Pradesh | 47 | 2 | 75 | 2 | 456 | 289 | 98 | 133 | 0 | 1,102 |
| 10 | Jammu & Kashmir | 106 | 44 | 117 | 11 | 164 | 139 | 145 | 274 | 45 | 1,045 |
| 11 | Jharkhand | 186 | 82 | 587 | 185 | 301 | 335 | 262 | 232 | 370 | 2,540 |
| 12 | Karnataka | 1,355 | 136 | 3,084 | 408 | 1,307 | 1,303 | 810 | 860 | 327 | 9,590 |
| 13 | Kerala | 1,099 | 136 | 1,419 | 282 | 552 | 182 | 250 | 16 | 14 | 3,950 |
| 14 | Madhya Pradesh | 1,599 | 204 | 2,341 | 129 | 1,293 | 891 | 556 | 819 | 253 | 8,085 |
| 15 | Maharashtra | 530 | 193 | 2,666 | 1,134 | 2,173 | 1,939 | 741 | 1,712 | 1,252 | 12,340 |
| 16 | Manipur | 0 | 0 | 29 | 6 | 19 | 58 | 10 | 32 | 0 | 154 |
| 17 | Meghalaya | 19 | 16 | 18 | 8 | 39 | 44 | 16 | 3 | 0 | 163 |
| 18 | Mizoram | 5 | 5 | 18 | 19 | 15 | 10 | 9 | 1 | 0 | 82 |
| 19 | Nagaland | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 37 | 0 | 40 |
| 20 | Orissa | 254 | 76 | 929 | 134 | 557 | 989 | 357 | 512 | 29 | 3,837 |
| 21 | Punjab | 165 | 119 | 577 | 83 | 243 | 182 | 139 | 1,927 | 107 | 3,542 |
| 22 | Rajasthan | 938 | 141 | 2,003 | 260 | 1,944 | 1,710 | 722 | 1,384 | 61 | 9,163 |
| 23 | Sikkim** | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 39 | 0 | 71 |
| 24 | Tamil Nadu | 473 | 1,022 | 8,010 | 562 | 2,216 | 700 | 1,312 | 937 | 177 | 15,409 |
| 25 | Tripura | 27 | 12 | 47 | 22 | 53 | 48 | 12 | 10 | 0 | 231 |
| 26 | Uttaranchal | 63 | 22 | 193 | 29 | 281 | 122 | 97 | 106 | 18 | 931 |
| 27 | Uttar Pradesh | 1,841 | 1,624 | 3,838 | 718 | 2,597 | 1,942 | 958 | 848 | 809 | 15,175 |
| 28 | West Bengal | 0 | 137 | 583 | 536 | 969 | 1,156 | 1,353 | 833 | 113 | 5,680 |
| 29 | Andaman & Nicobar Islands | 4 | 1 | 11 | 4 | 2 | 4 | 1 | 0 | 0 | 27 |
| 30 | Chandigarh | 56 | 19 | 44 | 4 | 10 | 0 | 0 | 4 | 1 | 138 |
| 31 | D & N Haveli | 16 | 2 | 33 | 1 | 3 | 0 | 1 | 6 | 0 | 62 |
| 32 | Daman & Diu | 22 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 33 | Delhi | 0 | 137 | 705 | 33 | 55 | 13 | 5 | 46 | 1,159 | 2,153 |
| 34 | Lakshadweep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | Puducherry | 80 | 18 | 98 | 0 | 18 | 4 | 11 | 1 | 9 | 239 |
| | Total | 11,754 | 6,203 | 35,313 | 8,275 | 20,892 | 17,955 | 11,134 | 16,201 | 6,786 | 134,513 |

* Includes: Animal Drawn Vehicles, Cycle Rickshaw, Hand Cart & Rickshaw and Other Persons.

** Other break-up has not given.

The sum total of the number of persons killed for States/UTs, which have not given the complete category-wise break-up, has been shown under 'Other Motor Vehicles' to tally the sum total with Annex III.

Accidents Classified According to Educational Qualifications of Drivers: 2010

| S.No | States/UTs | Total No. of Road Accidents Classified according to | | | | |
|------|---------------------------|---|----------------|---------------------|-------------------------|----------------|
| | | Upto 8th Standard | Standard 8-10 | Standard 10 & above | Qualification not known | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Andhra Pradesh | 5,220 | 8,040 | 7,849 | 23,490 | 44,599 |
| 2 | Arunachal Pradesh | 104 | 90 | 89 | 10 | 293 |
| 3 | Assam | NR | NR | NR | 5,828 | 5,828 |
| 4 | Bihar | 2,749 | 5,200 | 3,084 | | 11,033 |
| 5 | Chhattisgarh | 3,101 | 5,994 | 4,569 | | 13,664 |
| 6 | Goa | 945 | 1,593 | 2,034 | | 4,572 |
| 7 | Gujarat | 8,184 | 12,319 | 9,611 | | 30,114 |
| 8 | Haryana | 3,708 | 2,805 | 4,682 | | 11,195 |
| 9 | Himachal Pradesh | 665 | 1,087 | 1,317 | | 3,069 |
| 10 | Jammu & Kashmir | 1,464 | 1,305 | 1,458 | 1,907 | 6,134 |
| 11 | Jharkhand | 529 | 483 | 900 | 3,609 | 5,521 |
| 12 | Karnataka | 10,958 | 15,222 | 20,070 | | 46,250 |
| 13 | Kerala | 5,833 | 12,637 | 16,612 | | 35,082 |
| 14 | Madhya Pradesh | 14,270 | 17,564 | 18,189 | | 50,023 |
| 15 | Maharashtra | 4,120 | 5,516 | 11,355 | 50,298 | 71,289 |
| 16 | Manipur | 34 | 44 | 47 | 477 | 602 |
| 17 | Meghalaya | 257 | 133 | 84 | | 474 |
| 18 | Mizoram | 39 | 55 | 31 | | 125 |
| 19 | Nagaland | 5 | 24 | 2 | 4 | 35 |
| 20 | Orissa | 1,854 | 3,915 | 3,644 | | 9,413 |
| 21 | Punjab | 1,346 | 1,598 | 1,441 | 1,122 | 5,507 |
| 22 | Rajasthan | 8,731 | 7,966 | 7,605 | | 24,302 |
| 23 | Sikkim | 50 | 66 | 49 | 21 | 186 |
| 24 | Tamil Nadu | 11,684 | 23,422 | 29,890 | | 64,996 |
| 25 | Tripura | 397 | 299 | 205 | | 901 |
| 26 | Uttarakhand | 420 | 810 | 263 | | 1,493 |
| 27 | Uttar Pradesh | 7,494 | 9,973 | 10,895 | | 28,362 |
| 28 | West Bengal | 408 | 922 | 494 | 13,064 | 14,888 |
| 29 | Andaman & Nicobar Islands | 58 | 114 | 113 | | 285 |
| 30 | Chandigarh | 46 | 68 | 168 | 174 | 456 |
| 31 | D & N Haveli | 29 | 26 | 28 | 13 | 96 |
| 32 | Daman & Diu | 16 | 4 | 9 | 19 | 48 |
| 33 | Delhi | NR | NR | NR | 7,260 | 7,260 |
| 34 | Lakshadweep | 0 | 2 | 2 | | 4 |
| 35 | Puducherry | 22 | 100 | 756 | 651 | 1,529 |
| | Total | 94,740 | 139,396 | 157,545 | 107,947 | 499,628 |
| | | (19%) | (28%) | (32%) | (21%) | |

Note: Since Assam and Delhi did not furnish break-up of data for this table, total accidents in the case of Assam and Delhi have been placed under 'Qualification Not Known'.

Figures within parentheses indicate % share in total accidents.