

ROAD CRASH STATISTICS 2016

ANALYSIS OF DATA BY MINISTRY OF ROAD TRANSPORT AND HIGHWAYS, 2016¹

- I. According to the Ministry of Road Transport and Highways, 1,50,785 people were killed and another 4,94,624 were injured in 4,80,652 road crashes in India in 2016. This translates into **1317 crashes and 413 deaths every day or 55 crashes and 17 deaths every hour. The number of road crash deaths have increased by 31% from 2007 to 2017 and that of fatal road crashes have increased by 25.6% in the same period.**

Road crash fatalities increased by 3% in the last one year (from 1,46,133 in 2015 to 1,50,785 in 2016) and accident severity² increased from 29.1 in 2015 to 31.4 in 2016. The number of fatal accidents has increased consistently since 2005 and saw a sharp rise from 1,31,726 in 2015 to 1,36,071 in 2016.

There has been a decline in the number of road crash cases and injured persons by 4.1% and 1.1% respectively.

- II. **In case of road crash deaths, Uttar Pradesh topped the list with a percentage share of 12.8% followed by Tamil Nadu (11.4%) and Maharashtra (8.6%).** Top ten states in road crash fatalities:

Top Ten States	Cases	Injuries	Fatalities
Uttar Pradesh	35612	25,096	19320
Tamil Nadu	71431	82,163	17218
Maharashtra	39,878	35,884	12935
Karnataka	44,403	54,556	11133
Rajasthan	23,066	24,103	10465
Madhya Pradesh	53,972	57,873	9646
Andhra Pradesh	24,888	30,051	8541
Gujarat	21,859	19,949	8136
Telangana	22,811	24,217	7219
West Bengal	13,580	11,859	6544

¹ Ministry of Road Transport and Highways, Transport Research Wing, 'Road Accidents in India', 2016.

² Road Accident Severity= Persons killed/100 Road Accidents

III. **Two-wheelers accounted for the highest share in total road crashes (1,62,280), contributing 33.8%**, followed by cars, jeeps and taxis (1,13,267) contributing 23.6% and trucks, tempos, tractors and other articulated vehicles (1,01,085) contributing 21.0% and buses (37,487) contributing 7.8% to total road crash fatalities. Detailed statistics based on vehicle type is enlisted below:

Vehicle type	Road Crashes	Fatalities	Injured
Two-wheelers	1,62,280 (33.8%)	44,366 (29.4%)	1,53,060 (30.9%)
Auto-rickshaws	31,440 (6.5%)	6,767 (4.5%)	39,680 (8.0%)
Cars, Jeeps, Taxis	1,13,267 (23.6%)	32,599 (21.6%)	1,25,773 (25.4%)
Buses	37,487 (7.8%)	12,088 (8.0%)	50,686 (10.3%)
Trucks, Tempos, Tractors etc.	1,01,085 (21.0%)	39,054 (26.2%)	91,784 (18.6%)

IV. **In 2016, 15, 746 pedestrians were killed in road crashes contributing to a share of 10.5% in total road crash deaths, as against 13, 894 in 2015. This suggests that there has been a spike in pedestrian deaths by 11.7% in the last one year.**

V. **Top five cities in road crash fatalities:**

Cities	Cases	Injured	Fatalities
Delhi	7375	7154	1591
Chennai	7486	7349	1183
Jaipur	3004	2625	890
Bengaluru	5323	4264	835
Kanpur	1451	911	684

VI. **Age profile of road crash victims for 2016 reveals that productive youth aged between 18-45 years accounted for a share of 68.6% in total road crash fatalities:**

Age Group	Fatalities
Less than 18	10,622
18-25	31,775
25-35	38,076
35-45	33,558
45-60	22,174

- VII. **Responsibility of drivers is the top contributor to road crash deaths, accounting for 80.3% deaths out of the total road crash fatalities in 2016.** Top three causes of road accident fatalities by responsibility of drivers:

Cause of Crash	Road Crash Fatalities	% Share
Speeding	73,896	61.0%
Over-taking	9,462	7.8%
Intake of alcohol	6,131	5.1%

- VIII. **Road crashes and fatalities due to mobile phone usage** while driving is a new data point specifically covered in the report. It resulted in **4,976 road crashes, 2,138 road accident deaths and injuries to 4,746 number of persons** during the year 2016.