

## Road Traffic Accidents (RTA) A Leading Cause for Mortality: A Review

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Received: December 02, 2019

Accepted: December 31, 2019

Published: January 02, 2020

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### Abstract

Each year approximately 1.35 Million accidents happen in our country with minor to major injury, death, economic status affects, and family support disturbs. As per statistical information there is more than 3 lakhs death due to accidents in India each year. The National Highways accounted for 29.6 percent of total road accidents and 34.5 percent of total number of persons killed. 1,46,133 people had died in 5,01,423 accidents in 2016. The major cause for the accidents is unsafe drive, drink and drive, unsafe roads, traffic rules violation etc. The prevention will be regarding better road construction, strict laws and awareness regarding traffic rules among the public.

**Keywords:** Accidents; Traffic; Road; India; Prevention.

## Introduction

Road traffic accidents cause many problems such as minor to major injury, death, economic status affects and family support disturbs. Road traffic accidents are increased now a day's especially in low income countries and uneducated.

Figure 1.



## Risk Factors

### Socio-Economic Status

Low income countries

### Age

People aged between 15 and 44 years account for 48% of global road traffic deaths [1].

### Gender

Males.

An adult pedestrian's risk of dying is less than 20% if struck by a car at 50 km/h and almost 60% if hit at 80 km/h.

- Unsafe vehicles
- Unsafe roads
- Drink and drive
- Traffic rules violation
- High speed [2]

Figure 2.



## Statistics Report of RTA

**Road accidents in India, 2016: 17 deaths on roads every hour, Chennai and Delhi most dangerous** By: Express Web Desk | New Delhi | Updated: September 11, 2017 10:04 am

• A Report on Road Accidents in India 2016, published by Transport Research wing under Ministry of Road Transport & Highways, Government of India, has revealed that more people died on roads accidents in India last year, as compared to the number of deaths in 2015.

• 1,46,133 people had died in 5,01,423 accidents [3].

### Top 10 Cities with the highest number of Road Crash Deaths (Rank -Wise)

Delhi  
Chennai  
Jaipur  
Bengaluru  
Mumbai  
Kanpur  
Lucknow  
Agra  
Hyderabad  
Pune

The National Highways accounted for 29.6 percent of total road accidents and 34.5 per cent of total number of person's killed [4].

### Prevention of RTA

- Ensure and promote safety on roads by proper signals, symbols.
- Use of sensors at road curving, danger zones.

- Prohibit strictly drink and drive
- Fix speed limits wherever required
- To follow ethical and moral education at home parents since childhood.

## Conclusion

This article mainly focuses on RTA causes, consequences and its prevention among the young population specially, recent days RTA drastically increased across the country as well as globe due to increase in number of vehicles, over speed, violating traffic rules, drink and drive so the youngsters have to be taught regarding RTA prevention.

## References

- [1]. nhp.gov.in [Internet]. Major Health Initiatives.3rd December [cited 2016 Dec 3]. Available from: <https://www.nhp.gov.in/>
- [2]. morth.nic.in [Internet]. Ministry of Road Transport & Highways. c2016 [cited 2016 October]. Available from: <https://morth.nic.in/>
- [3]. missionroadsafety.com[Internet]. Cause of Accidents. c2018[cited 2018]. Available from: <https://missionroadsafety.com/>
- [4]. WHO Fact sheet, c2018 [cited 2018]. Available from: <https://www.who.int/topics/immunization/factsheets/en/>
- [5]. Road accidents in India. c2017 [cited 2017]. Available from: <http://www.indiaenvironmentportal.org.in/content/459084/road-accidents-in-india-2017/>

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