The College of Traffic Management

Pre-Conference Discussion

30 January, 2014

ROAD SAFETY NEWS

New Delhi-17 April 2006

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IRTE

Road safety – Facts and Figures

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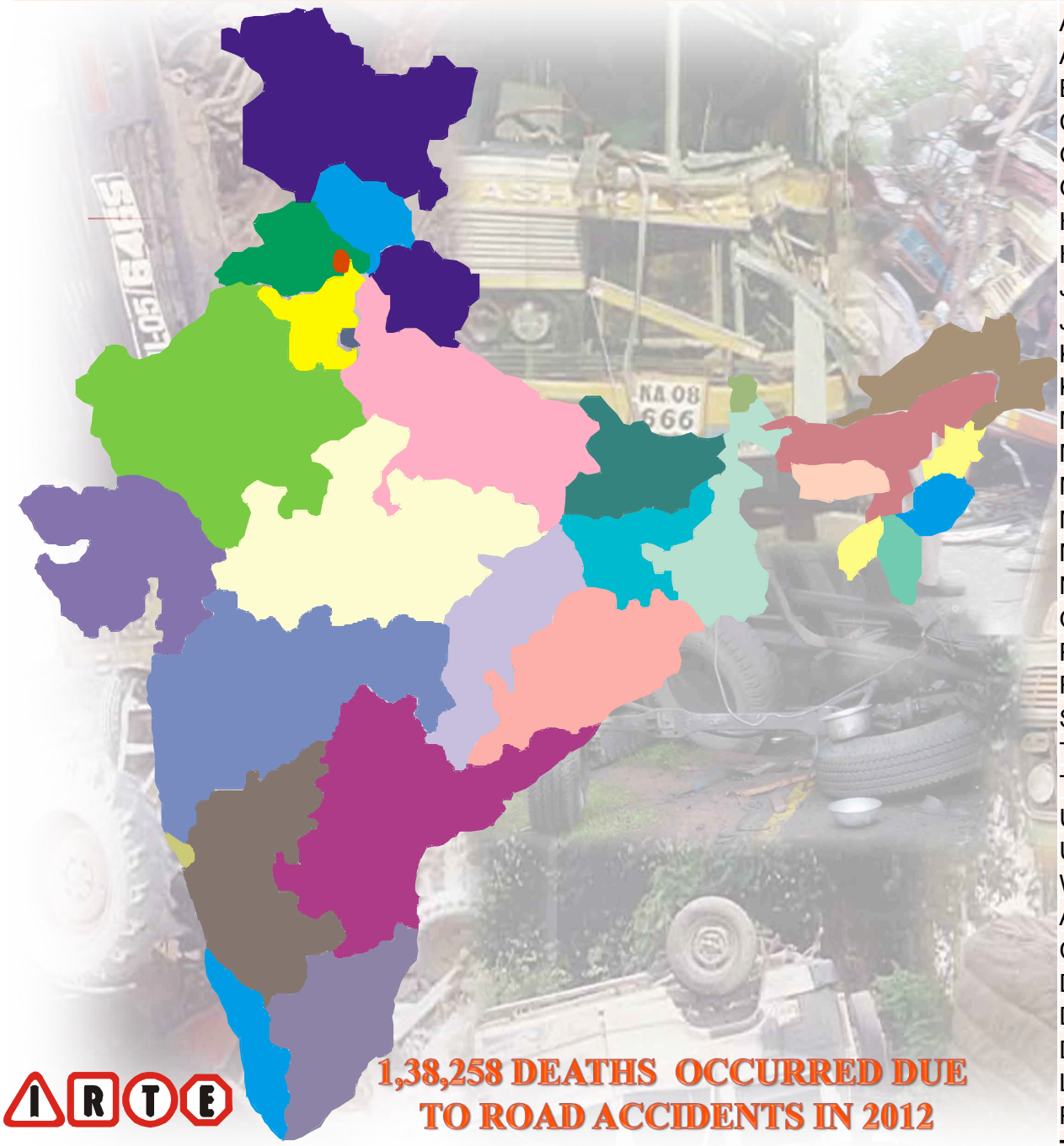
In India 1,38,258 people were killed in road crashes in 2012”

ROAD ACCIDENTS – 2011-2012



State	2011	2012
Andhra Pradesh	15,165	1 4,964
Arunachal Pradesh	126	138
Assam	2,342	2,291
Bihar	5,090	5,056
Chhattisgarh	2,983	3,167
Goa	333	292
Gujarat	8,008	7,817
Haryana	4,762	4,446
Himachal Pradesh	1,072	1,109
Jammu & Kashmir	1,116	1,165
Jharkhand	2,572	2,818
Karnataka	8,971	9,448
Kerala	4,145	4,286
Madhya Pradesh	7,869	8,175
Maharashtra	13,057	13,333
Manipur	158	158
Meghalaya	212	219
Mizoram	81	77
Nagaland	25	56
Odisha	3,802	3,701
Punjab	4,931	4,820
Rajasthan	9,232	9,528
Sikkim	106	55
Tamil Nadu	15,422	16,175
Tripura	245	272
Uttarakhand	937	844
Uttar Pradesh	21,512	16,149
West Bengal	5,664	5,397
Andaman & Nicobar Island	17	25
Chandigarh	136	136
Dadra & Nagar Haveli	63	53
Daman & Diu	33	29
Delhi	2,065	1,866
Lakshadweep	0	0
Puducherry	233	193
Total	**1,42,485**	**1,38,258**

Fatalities in Terrorism & Insurgency Road Fatalities

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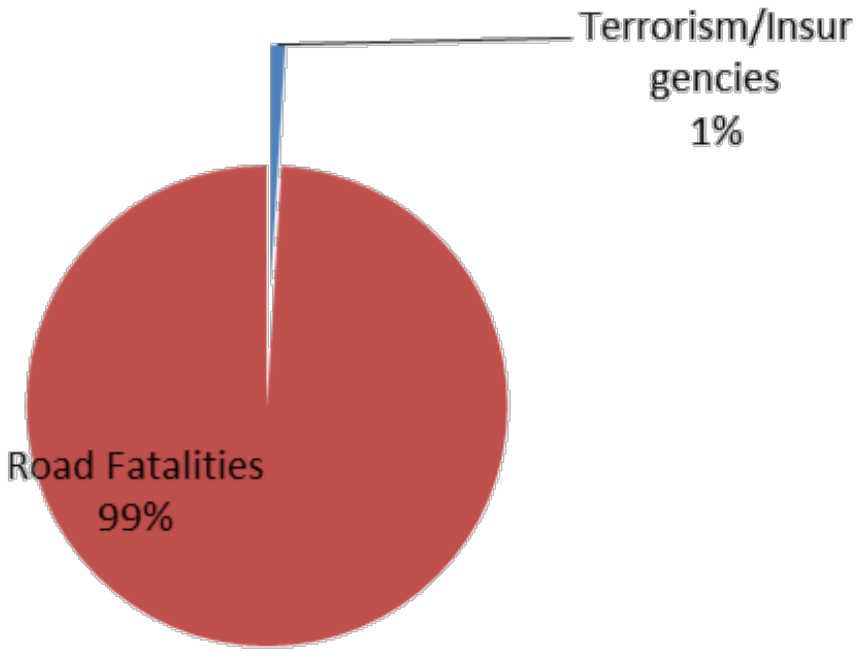
- Terrorism& insurgency :1399
- Road traffic Accidents : 1,38,258



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Over 18 Lakhs are seriously injured in road crashes annually

Under Reporting of Serious Injuries

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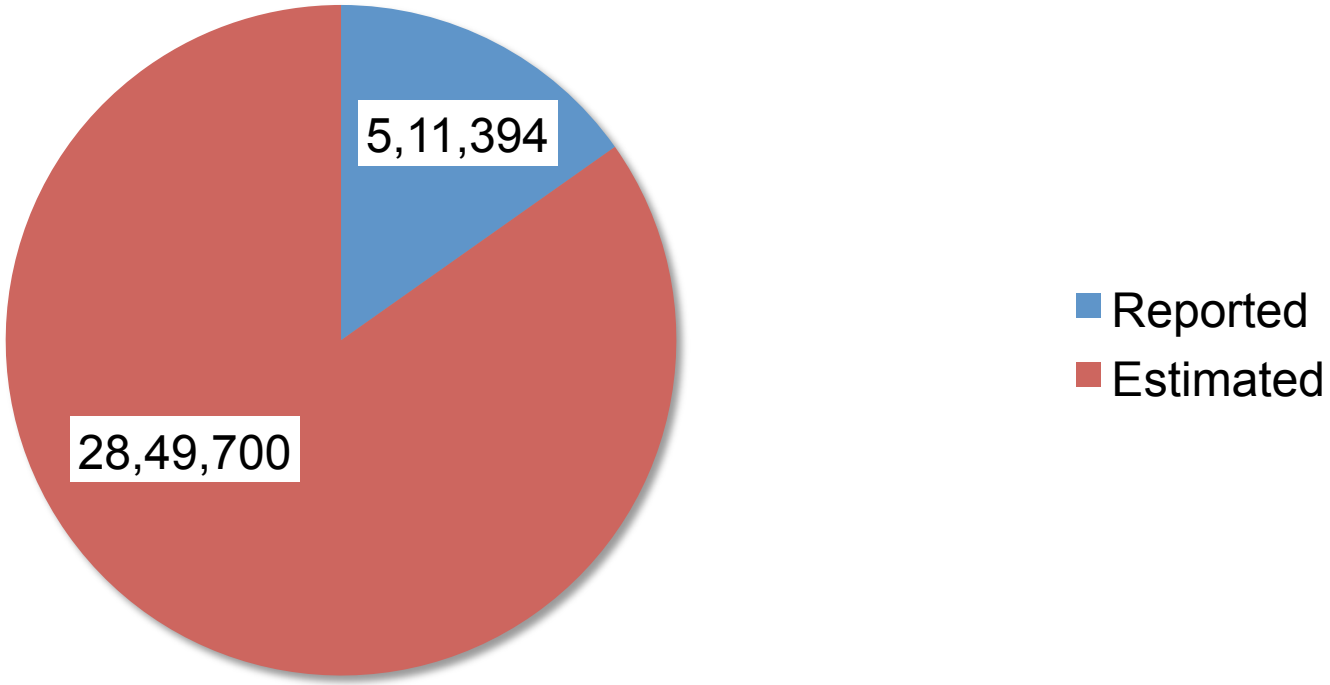
Reported vs. Estimated by Sundar Committee



Social Costs for Road Accidents

Year 2000 Prices

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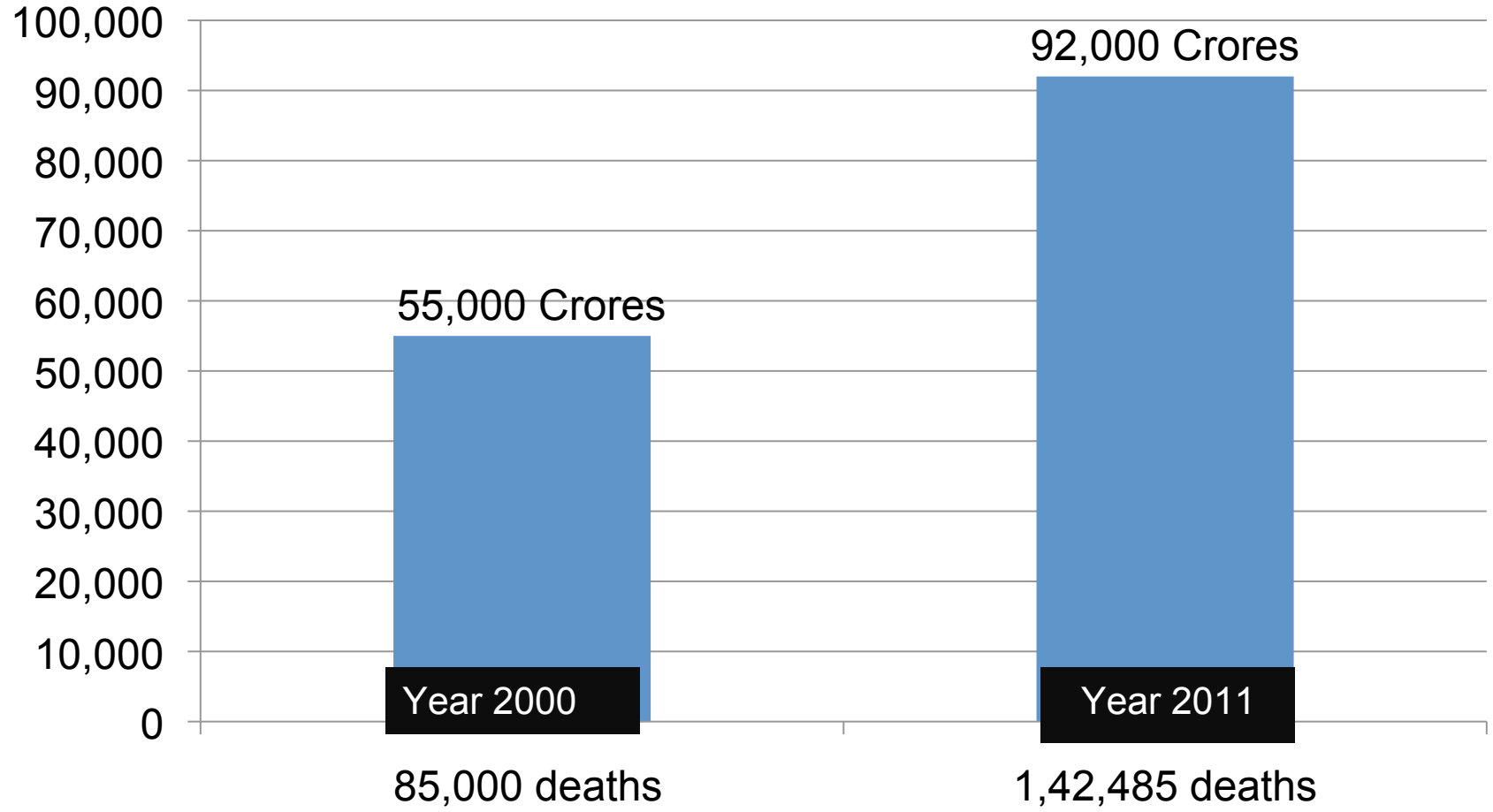
Reference: Prakash Narain Committee & Sundar Committee



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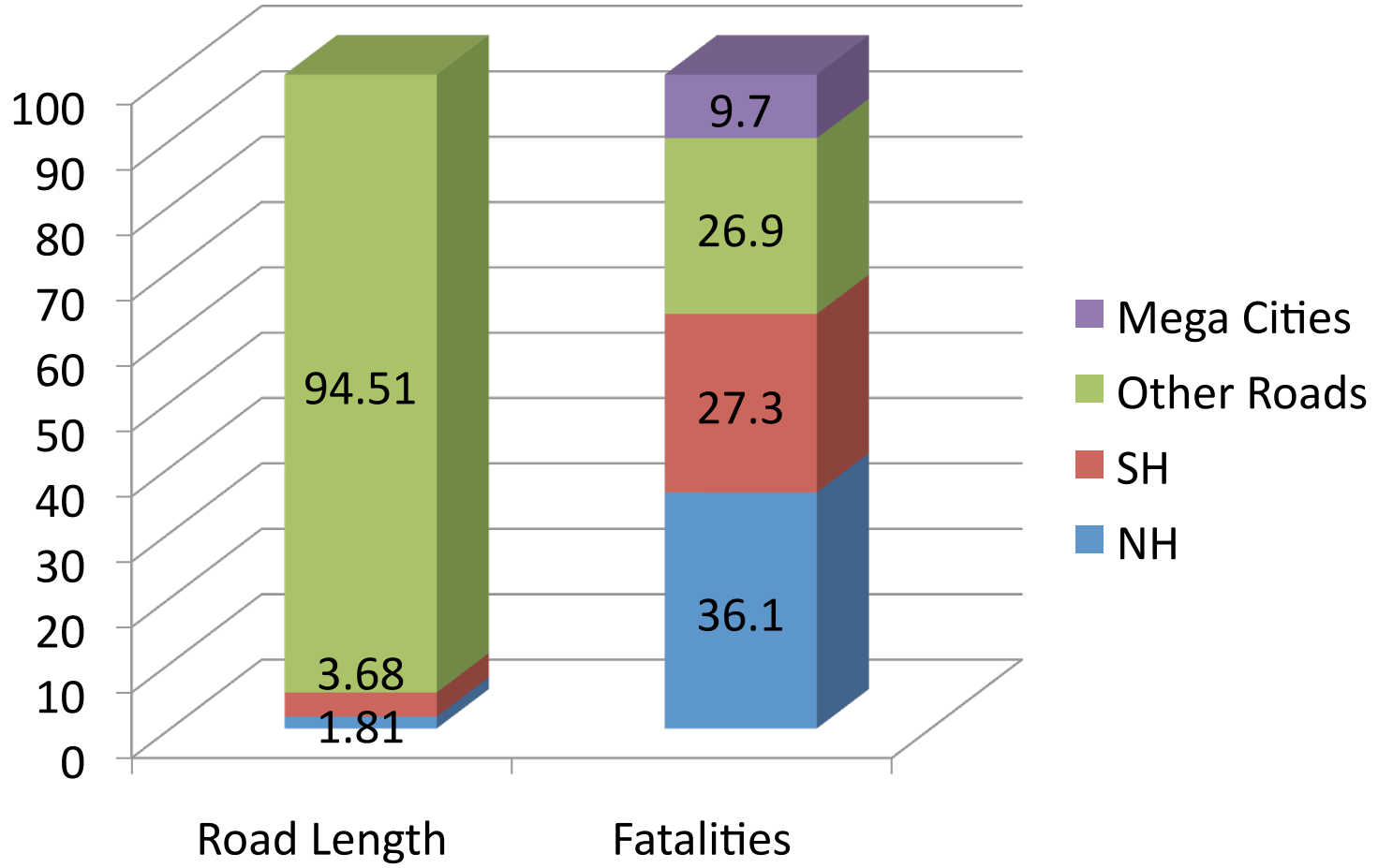
5.4% of highways contribute to 53% of road accidents & 63% of fatalities



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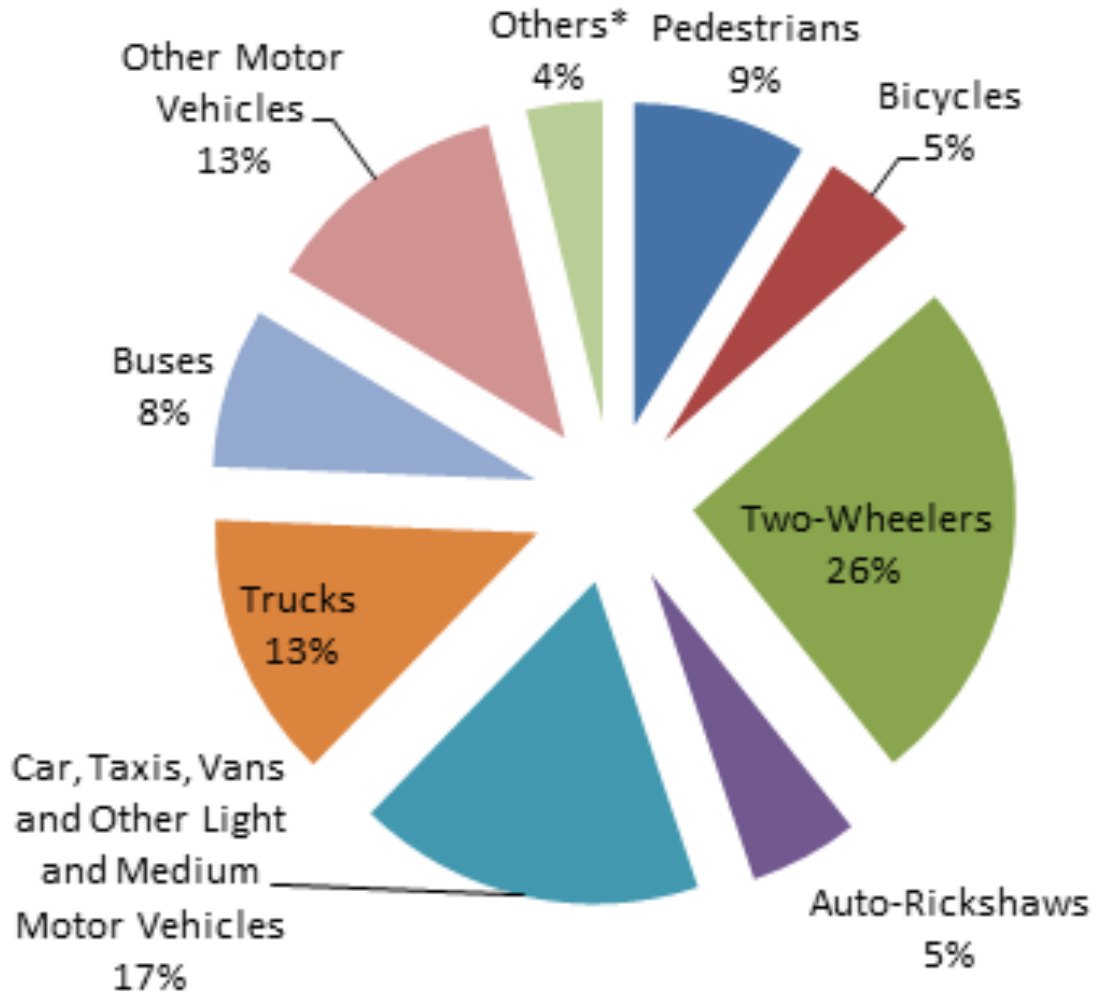
Percentage of Persons Killed in Road Accidents in terms of Road User Categories: 2012



Delhi

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Bangalore

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Chattisgarh

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Agra

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Gurgaon

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How many Violations

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- In Just 25 Seconds
- Over 100 meters of a busy Delhi Road

How many Road Traffic Violations have you noticed in these 25 second traffic Video?

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Type of Mode	Number
Car	738
Auto	101
Two Wheeler	455
Bus	24
Tractor	2
Truck&Tempo	2
Pedestrian	2
Total	1324

Road Designed for - 4Lanes

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Police Prosecutions – Delhi 2007

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Estimated Daily Police Prosecutions	Estimated Daily Violations
11,090	14,60,00,000

Daily Police Prosecutions as ratio of Estimated Daily Violations

1 : 13,165

ROADS INDICATE
CULTURE
OF THE NATION
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Institute of Road Traffic Education

Domains of Traffic Management Involves

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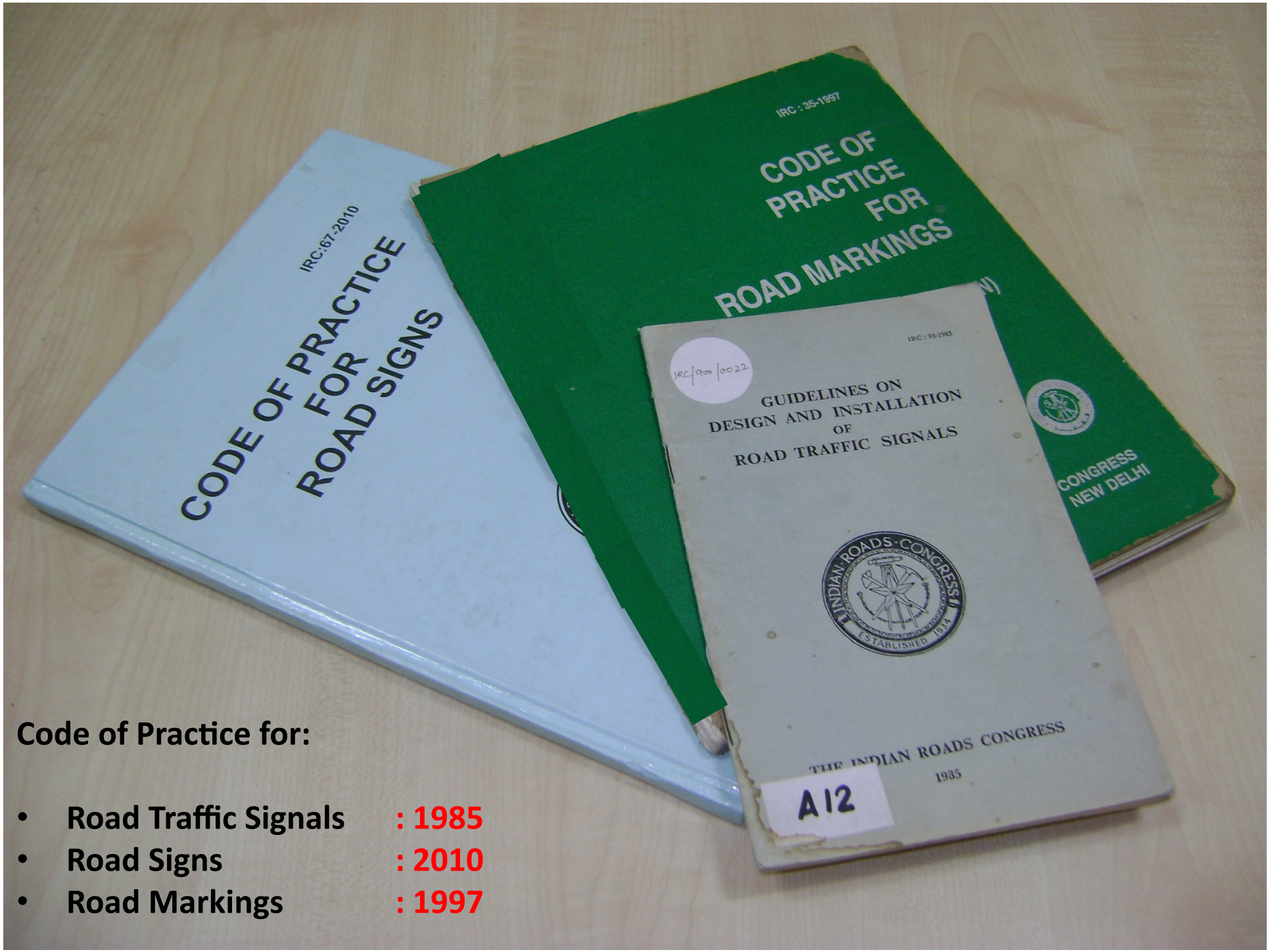
- Traffic Engineering
- Driver Training
- Road Safety Education
- Vehicle Standards
- Legislation/Standards/Guidelines
- Enforcement
- Crash Investigation
- Post Crash Management

HOTEL KING
PERMIT
CARRIER
NATIONAL
N.P.
R.K.R.T.
TATA



Code of Practice for:

- **Road Traffic Signals : 1985**
- **Road Signs : 2010**
- **Road Markings : 1997**

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Most Heavy Vehicles on Highways drive on right most lane compelling the light vehicles to overtake from left and violating the legislation.

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Pedestrian Vulnerability

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Accidents During Construction are labelled as driver's negligence

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DRIVER TRAINING AND ASSESSMENT

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- Totally neglected area
- Driving schools not developed
- Tools and systems of training and assessment unavailable
- Health of drivers

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TRAFFIC LEGISLATION

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- Not conducive to the so called traffic engineering practices
- Not being updated regularly
- Not enforceable in many cases
- No regulation for non-motorised traffic

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Training & Assessment

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- Developing Tools & Systems
- Training Curriculum
- Imparting Training

- Motor Licensing Officers
- Driver Training Schools
- Organizations with Large Fleets

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Road Environment

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- Developing Tools & Systems
- Training Curriculum
- Imparting Training

- Develop basis of Research for the development of :
  - Standards of Road Geometrics
  - Traffic Control Devices

  especially integrating the mixed traffic & segregating traffic
- Introduction of the Science of Traffic Engineering at all levels of City, highway, State
- Introducing of Road Safety Audits within road making & maintenance department at Concept, Design, Implement & Post Operative Stages.

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Legislation & Enforcement

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- Developing Tools & Systems
- Training Curriculum
- Imparting Training

- Legislation needs to be regularly updated based upon the factual needs of Safety and Control.
- Introduction of technology corresponding to the needs of traffic and road traffic violation.
- Training of Police at different levels.
- Introduction of Scientific Road Crash Investigation & Analysis.

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Public Health for Road Safety

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- Developing Tools & Systems
- Training Curriculum
- Imparting Training

- Trauma Care
- Rehabilitation
- Primary Prevention
  - Injury Surveillance
  - Principles of Epidemiology
  - Behavior Sciences
- Rehabilitation & Justice for Accident Victims

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GLOBAL NCAP
www.globalncap.org

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Decade of Action for Road Safety

Responsibility & Participation

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- Those who benefit from the movement of traffic:
  - Automobile
  - Oil
  - Insurance
  - Road Building
  - Government

Departments at CTM

- Department of Traffic Engineering
- Department of Traffic Enforcement
- Department of Public Health for Road Safety
- Department of Driver Training and Road Safety Education

Department of Traffic Enforcement

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Research led Initiatives

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Government needs to

- Recognize & Support Research
- Invest in research led successful initiatives

Department of Traffic Engineering

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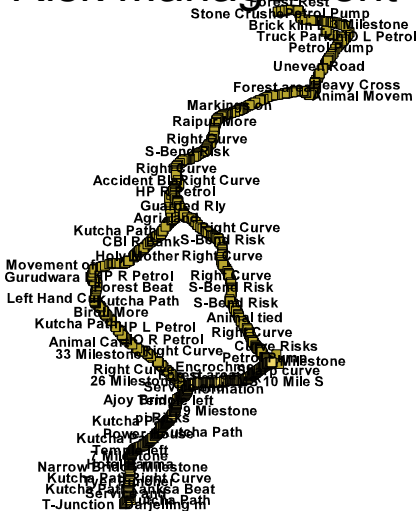
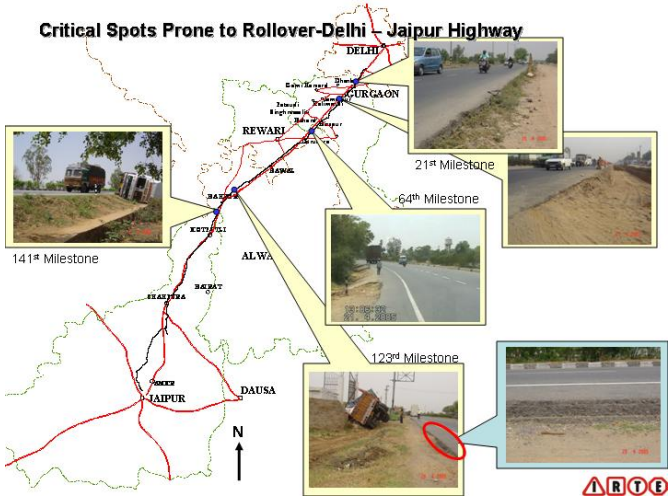
Journey Risk Management





Department of Driver Training & Road Safety

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Department of Public Health for Road Safety

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Thank You

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