

## 9th Social Science Lesson 16 Notes in English

### 16. Road Safety

- Road accident refers to any accident involving at least a vehicle, occurring on a road open to public transport, and in which at least one person is injured or killed.
- Intentional acts (murder, suicide) and natural disasters are excluded from road accidents.
- Road accidents are the leading cause of death by injury and the tenth-leading cause of all deaths globally.
- An estimated **1.2 million people** are killed in road crashes each year, and as many as **50 million people** are injured.

How different factors contribute to road accidents:



**Drivers:**

Over-speeding, rash driving, violation of rules, failure to understand signs, fatigue, alcohol

**Pedestrians:**

Carelessness, illiteracy, crossing at wrong places, jaywalkers

**Passengers:**

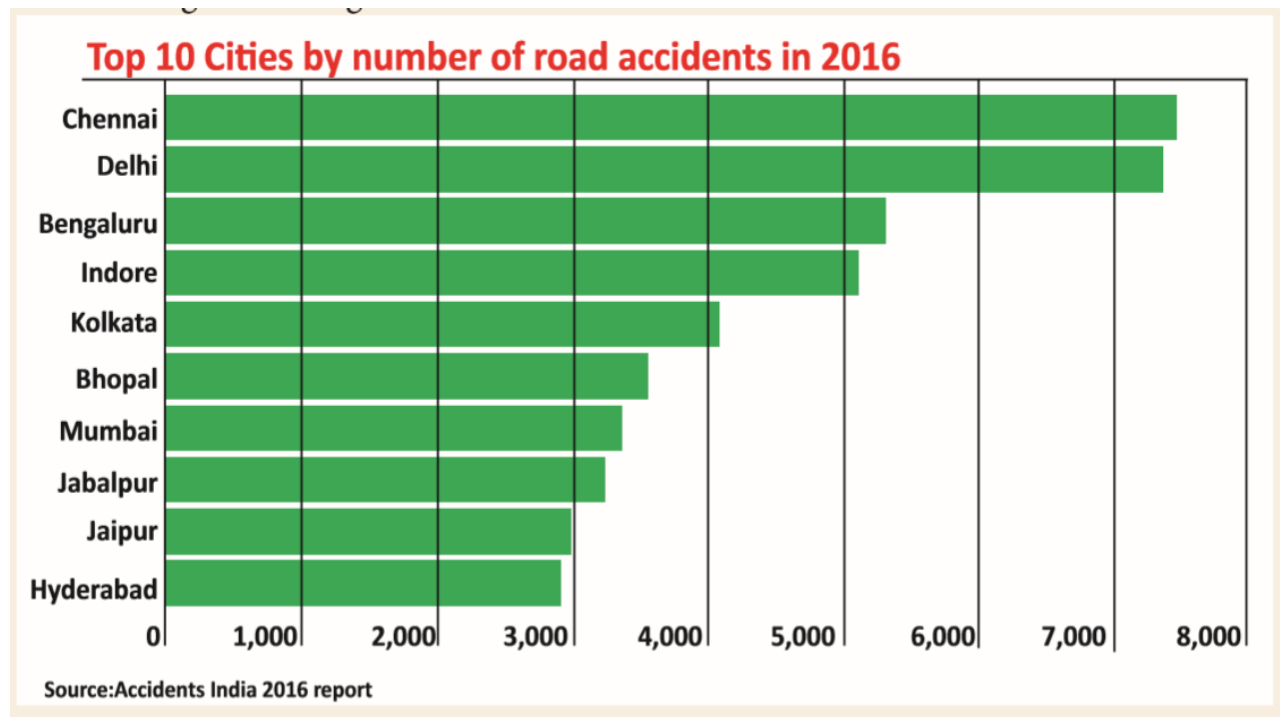
Projecting their body parts outside vehicles, talking to drivers, alighting and boarding vehicles from the wrong side, travelling on footboards, catching a running bus etc.

**Vehicles:**

Failure of brakes or steering, tyre burst, insufficient headlights, overloading Road Conditions: Potholes, damaged roads, eroded roads merging of rural roads with highways and illegal speed breakers

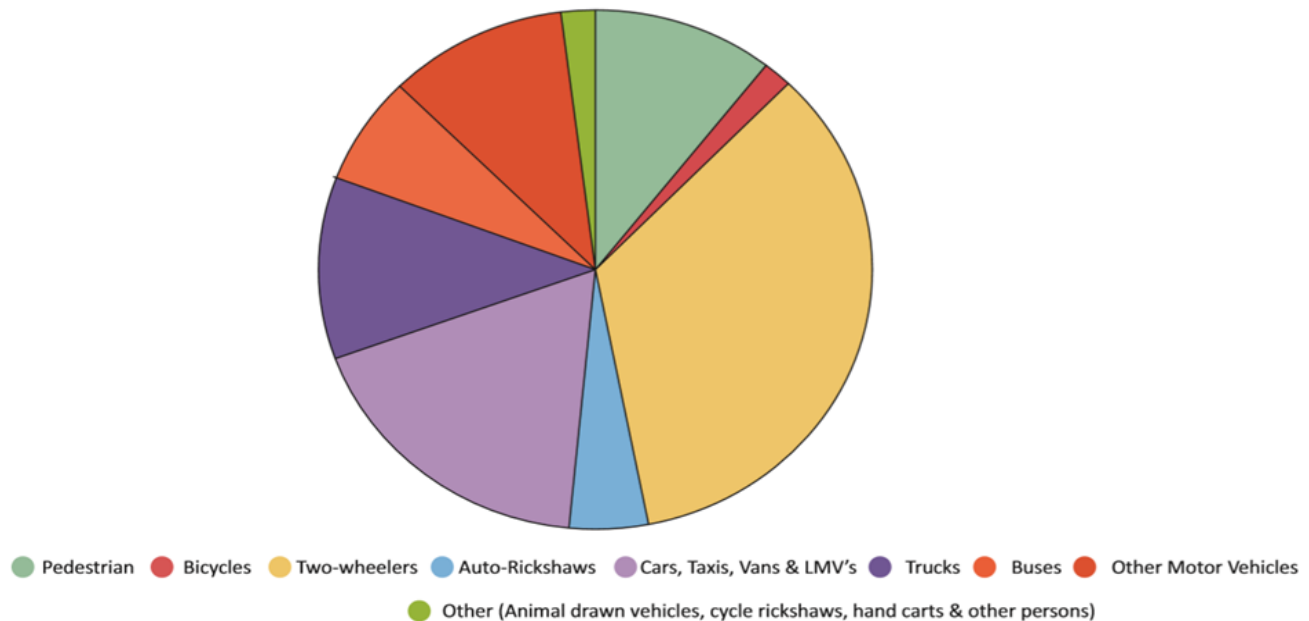
**Weather conditions:**

Fog, snow, heavy rainfall, wind storms, hail storms.

**Direct Consequences of Accidents:**

1. Fatality (Death)
2. Injury
3. Damage to Property

### Break-up of persons killed by road use category in 2016



Source: Accidents India 2016 report

#### Preventive measures for accidents:

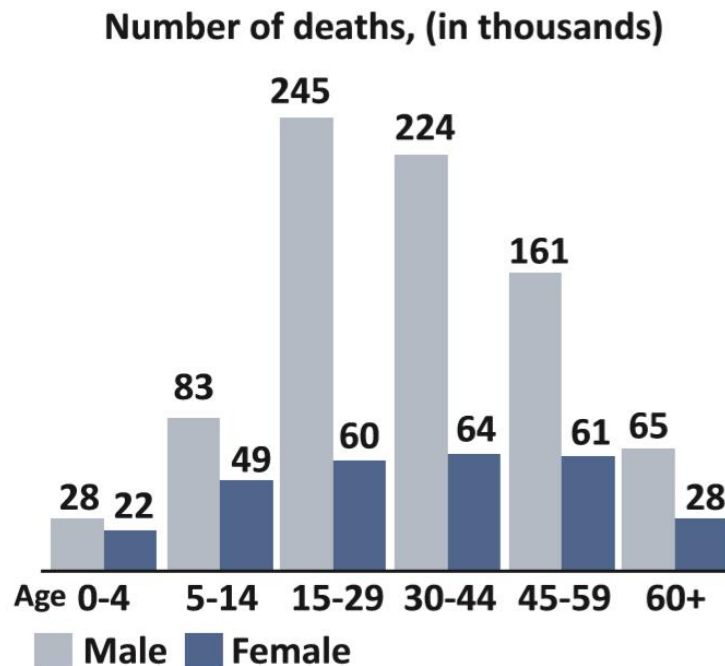
1. Education and awareness about road safety
2. Strict enforcement of law
3. Engineering: (a) Vehicle design (b) Road infrastructure

#### Rules to Ensure Road Safety for children

It is important for children to know about road safety rules and regulations. Here are a few basic road safety rules for children:

1. Know Your Signals
2. Stop, Look and Cross
3. Pay Attention – Listen
4. Don't Run On Roads
5. Always Use Sidewalks
6. Never Stick Hands outside the Vehicle
7. Never Cross Road at Bends
8. Don't Rush.

### Road Traffic Deaths Worldwide by Sex and Age Group, 2002



#### More to Know:

1. With over **1,30,000 deaths** annually India has the worst road accident rate worldwide.
2. The chances of death by accident can be decreased by **51% with the proper use of seat belt**.
3. Every three minutes a child is killed in an accident in the world. The main causes of death by road accidents include
  1. Drunk and drive (40%), speeding (24%), car boom in India (16%), inefficient law enforcement (15%) and less use of helmets and seat belts (5%)
  2. Distractions to Driver
  3. Red Light Jumping
  4. Overtaking in a wrong manner