

ROAD SAFETY CAPACITY BUILDING WORKSHOP

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Kathmandu, Nepal

National road safety situation and National Action Plan

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News every time news....

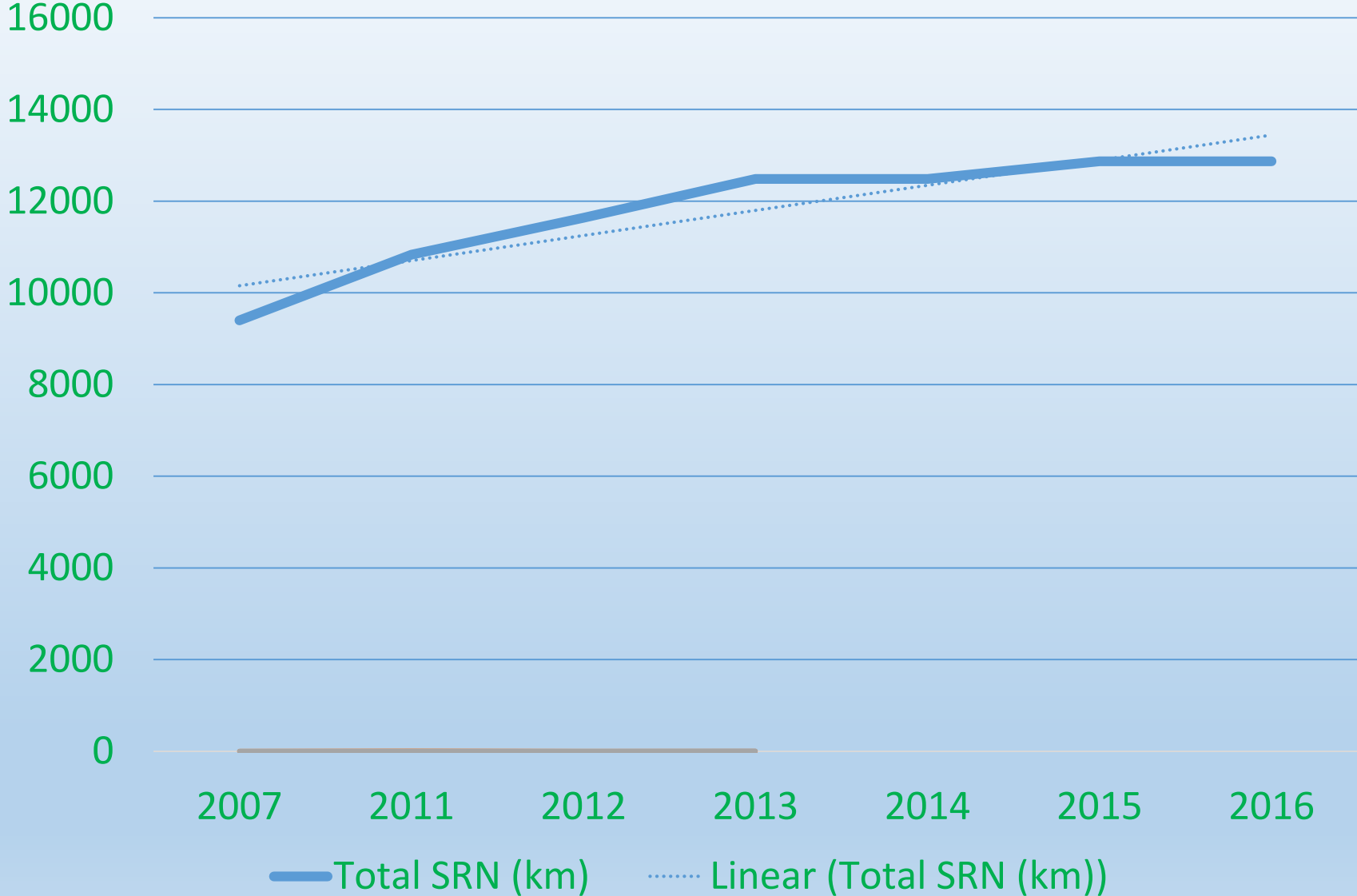
**Every day about >8
people die because of
road traffic accident**



SRN Status

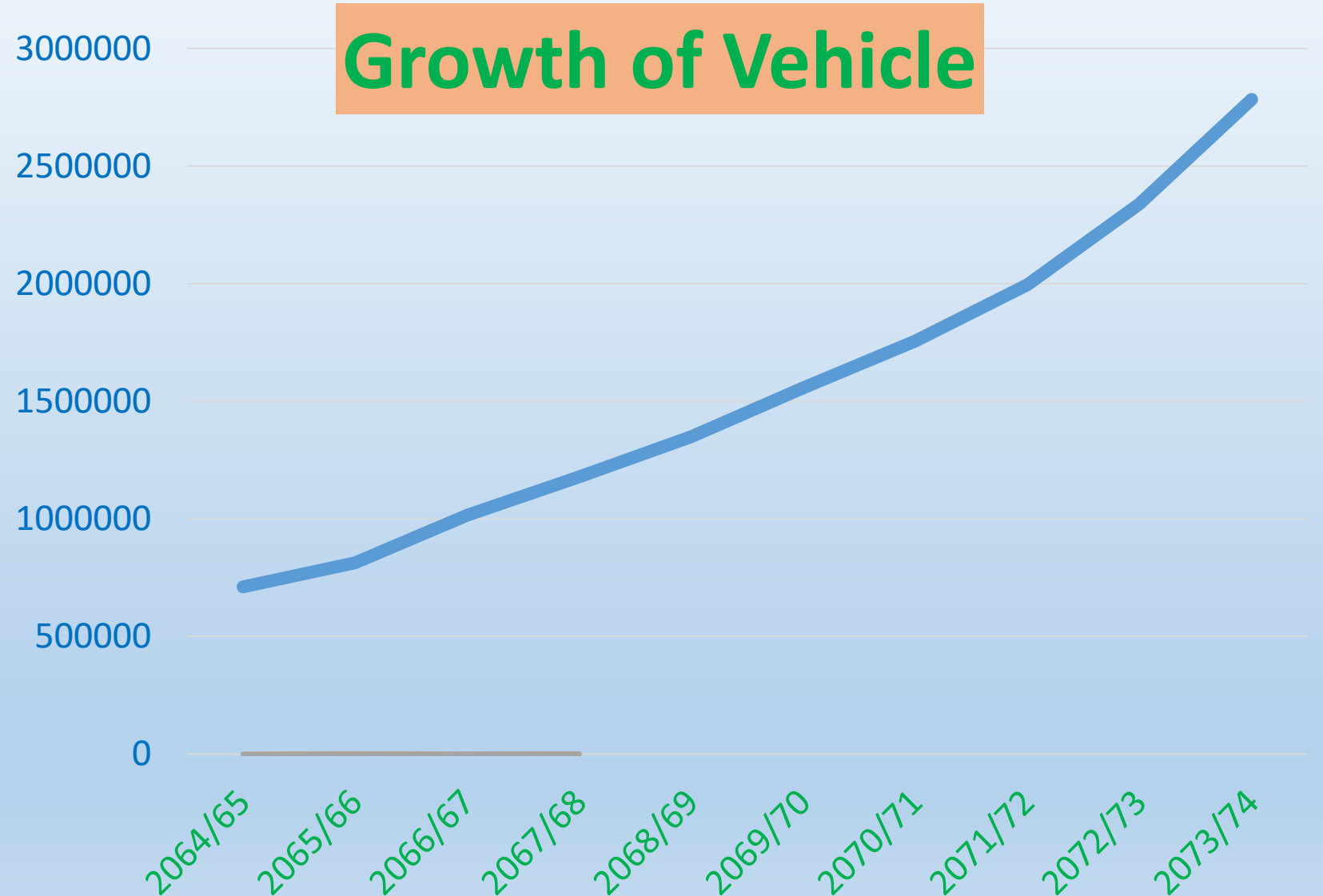
Year	Total SRN (km)
2007	9399.38
2011	10835.02
2012	11635.58
2013	12483.94
2014	12483.94
2015	12872
2016	12872
2017	13447

SRN Growth



Vehicle Status

Fiscal Year	Total No. of registered Vehicle
2064/65	710914
2065/66	813484
2066/67	1015271
2067/68	1178911
2068/69	1348995
2069/70	1557478
2070/71	1755821
2071/72	1995404
2072/73	2339169
2073/74	2783428
2074/75	3221042



Vehicle population >3.2 millions
78% vehicles are 2 wheelers type

Nepalese context

2007 fatality 837

2014 fatality 1787

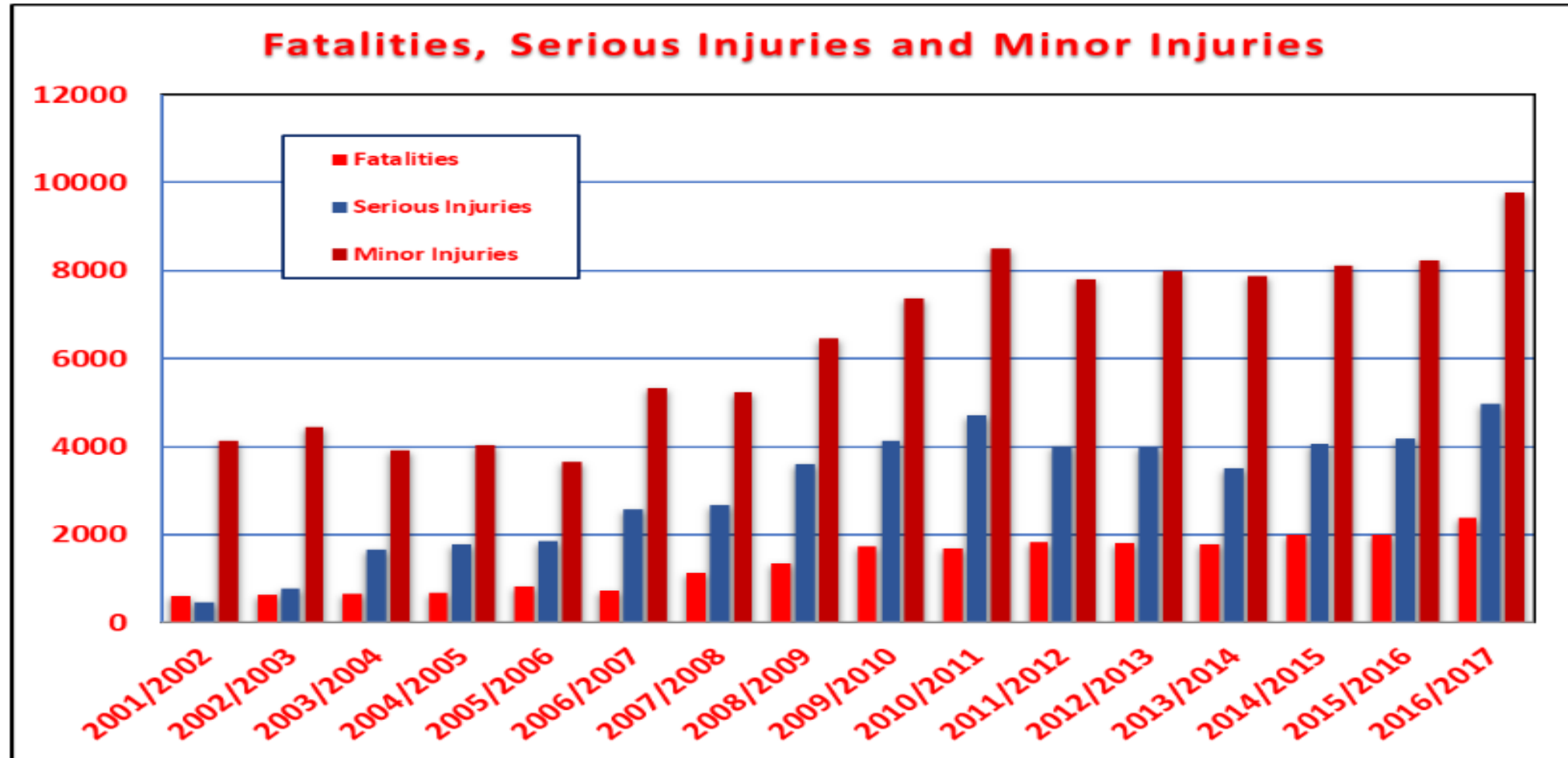
2016 fatality 2006

2018 fatality 2384



Situation is alarming, demanding an immediate need to act

Road Accidents Trend



Source: Nepal Police and World Health Organisation

Causes of Road Accident

- Human Error
- Road Condition
- Vehicle Fitness
- Environment
- Other..



Causes of Accident (Traffic Police)

- **Negligence of Driver 72%**
- **Over-speeding 18%**
- **Drunken Driving 02%**
- **Overtaking 01%**
- **Vehicle problem 01%**
- **Pedestrian problem 01%**
- **Road condition 01%**
- **Others 04%**

Causes of Road Accidents

- **Driver behaviour**
 - * **Over speeding**
 - * **Overtaking**
 - * **Braking**
 - * **Lane discipline**
 - * **Giving way, Level crossing etc.**
- **Driver training and testing**
- **Fatigue**
- **Overloading**



Road Environment

- Poor Road construction Practices
- Dumping of construction materials
- Road side encroachment by vendors cattle and utilities



Pedestrian Safety

- Poor enforcement
- Road User Awareness



Road condition and operation



Overloading



Environment



Inappropriate safety Measures



Efforts so far:

- **Road Safety Action Plan (2013-2020)** formulated with an aim to reduce Road Traffic Accidents by 50%
- **Ad-hoc Road Safety Council** has been
- **Act and regulation (VTMA and VTMR)** have been in the process of amendment
- **Seat belt for drivers, Helmet for 2-wheeler driver is mandatory,**
- **Zero tolerance to Drink and Driving**



Efforts so far:

- **Initiation of safety audits on the existing roads and black spots investigations;**
- **W-beam crash barriers along vulnerable road edges;**
- **Intensified effort in Use of Zebra crossing, lane discipline has shown encouraging result.**
- **Rigorous test on driver licensing.**



Efforts so far:

- Road Safety Awareness ,Trainings to Drivers and students being initiated;
- Establishment of Vehicle Test Center
- Functioning of Trauma Center.



Efforts so far: Global Road Safety Week 2017



Yet Accidents is increasing, Why??

- **Poor horizontal coordination and accident data sharing;**
- **Stakeholders conducting accident reduction measures in isolation;**
- **Level of sustained Commitment & understanding on implications from political and top bureaucratic level;**
- **Effective policy and strategies and their implementation**
- **Inadequate Monitoring and Evaluation;**
- **Accident Data collection, storage, management and analysis for identifying root cause of accidents.**
- **Inadequate road safety funding.**

Actions of immediate need

- **Strong, sustained and honest commitment and effort from the political level.**
- **Formation of Road Safety Council for Planning, coordinating, monitoring and evaluation of Road Safety;**
- **Stakeholders awareness on their roles and capacity building**
- **Adequate vehicle testing center established and operated;**
- **Strong, effective, sustained monitoring and evaluation.**
- **Coordination with international stakeholders(benchmarking, adherence to international commitment and standards)**



Government of Nepal
Ministry of Physical Planning & Transport Management



Nepal Road Safety Action Plan (2013 – 2020)

February 2013

Global Plan



**Road safety
management**



**Safer roads
and mobility**



**Safer
vehicles**



**Safer road
users**



**Post-crash
response**

Road Safety Action Plan



- **Better coordination / Road Safety council**
- **Capacity Building**
- **Strengthening legal environment**
- **Data Management**
- **Develop Tools and Guidelines (Audit, design...)**
- **Accident Investigation and countermeasures**
- **Institutional arrangement and capacity building**
- **Development of standards**
- **Vehicle inspection**

Road Safety Action Plan



- **Public awareness programs and education**
- **Driver training and driving licensing**
- **Ambulance service and Trauma care**
- **Research and Development**



- **Effective coordination**
- **Effective monitoring of road safety activities**
- **Institutional enhancement**
- **Skill enhancement**
- **Better awareness to stakeholders**
- **Reforms in legal environment, policies and guidelines**



- **Prioritization in investment**
- **Establishment of research Institute**
- **Institutional development of all agencies and stakeholders**
- **Regular revision of acts regulation**
- **Enhanced enforcement and inspection**
- **Scientific transport management**
- **Road worthy public vehicle**
- **Skilled drivers**



Contd.

- **Reduce accident and post accident fatalities**
- **Improved emergency services**
- **Improved RTA database and analysis**
- **Improved and accessible Rehabilitation of accident victims**

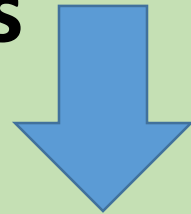
Road Safety Action Plan Cannot achieved



- **National road Safety council / coordination**
- **Stakeholder ownership**
- **Resource allocation**
- **Action Prioritization**
- **Benchmarking**
- **Stakeholders effort in isolation**

Today's Need

- **Control through Design and enforcement**
- **Capacity Building through training Research**
- **Good Data base management**
- **Promote advocacy**
- **Public awareness**



INGO, NGO e.g Nepal Road Safety Society

Engineering Colleges

**Private sector in vehicle fitness and maintenance,
driver training, rescue**

And more.....

Working for Road Safety is Saving Life





Happy
Holi



*May This Holi
Festival of colors
inspire us to
consolidate our
efforts on making
our roads safe and
help in keeping our
life colorful*