

Nepal

Road Safety Profile

Population (2023)

30.9 Million

Below 18 years old

34%

Above 60 years old

9%

GDP, PPP (2022)

144.3 Billion USD

Lower middle income

Every 2 hours, someone dies in a road crash in Nepal

Road crash fatalities (2019)

4,654 deaths

Annual average growth rate

2000-2015 **1.1%**

2015-2019 **1.4%**

Road crash is the top 16th cause of death in Nepal

Road crash fatality rates by different sources

WHO (2019)

16.3 per 100,000 population

GBD (2019)

9.4 per 100,000 population

Country official statistics (2021)

6.6 per 100,000 population

Share of road crash fatalities by gender

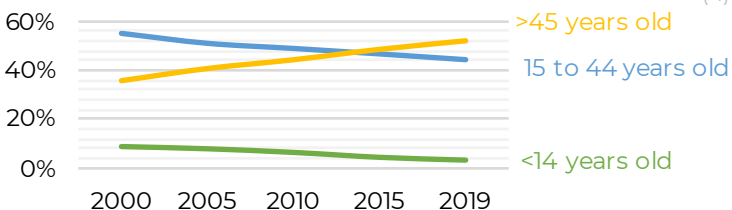
Male

63%

Female

37%

Share of road crash fatalities by age



Sources

(1) UN Population Database (2022)

(2) World Bank (2022)

(3) World Health Organization (2021)

(4) Global Burden of Disease (2019)

(5) World Bank Road Safety Opportunities and Challenges (2019)

(1) Share of road crash fatalities by mode (3)

■ Motorized 2/3W ■ Pedestrian ■ Cyclist ■ LDV ■ Others

(2) 0% 20% 40% 60% 80% 100%

Cost of road crash fatalities and serious injuries (2016) (5)

(3) **1.1 Billion USD**

As a share of GDP

5%

Health expenditure (6)

5%

(in comparison)

Road infrastructure availability (2023) (7)

3.9 kilometers per thousand population

Road infrastructure density (2023)

836 meters per sqkm

Motorways, share () Paved road ratio (2019) (8)

n.d.

46%

Share of road infrastructure with 3-star or better safety rating for each road user category (9)

(3) Vehicle occupant Motorcyclist

35%

27%

(4) Pedestrian

18%

31%

18%

31%

iRAP assessed road length

1,972 km

(3) Motorization rate, total vehicles (2023) (7)

33 vehicles per thousand population

2-wheelers

33 per thousand population

(4) LDV

n.d.

Buses

n.d.



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The Asian Transport Outlook (ATO) project collects, collates, and organizes data from publicly available official, as well as reputable and peer-reviewed secondary sources, which may contain incomplete or inconsistent data. It is important to note that the ATO does not generate data. Moreover, while the ATO carries out quality control and assurance of whether the data are truthfully reflected in the ATO, the ATO does not make any warranties or representations as to the appropriateness, quality, accuracy, or completeness of the data in the ATO databases, and in the knowledge products that are produced from such. Users are encouraged to scrutinize, verify, interpret, and judge the data before utilizing them.

| Policy documents with coverage on road safety | Number of road safety measures |
|---|--------------------------------|
| Nepal Road Safety Action Plan (2021-2030) | 61 |
| National Sustainable Transport Strategy (NS) | 46 |
| The Fifteenth Plan (Fiscal Year 2019/20 – 20 | 36 |
| National Transport Policy | 30 |
| National Action Plan for Electric Mobility | 15 |
| <i>Other policy documents</i> | 32 |

Other relevant targets

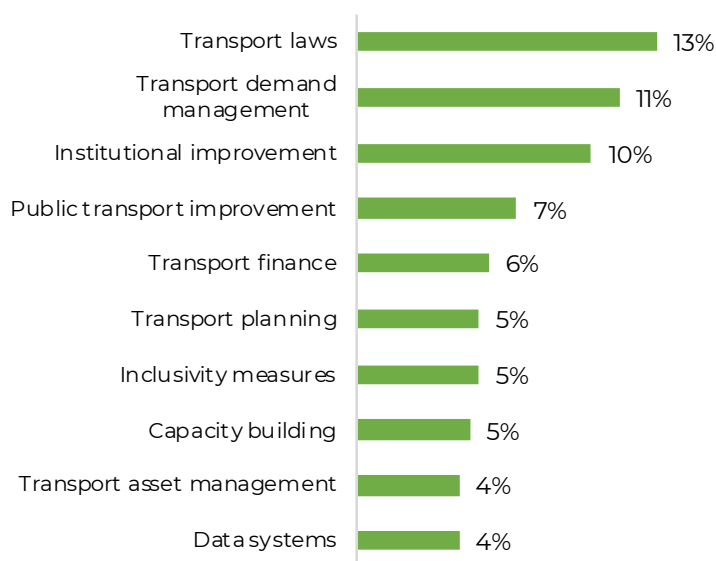
Families with access to transportation within the distance of 30 minutes = 95% by 2024

The Fifteenth Plan (Fiscal Year 2019/20 – 2023/24)

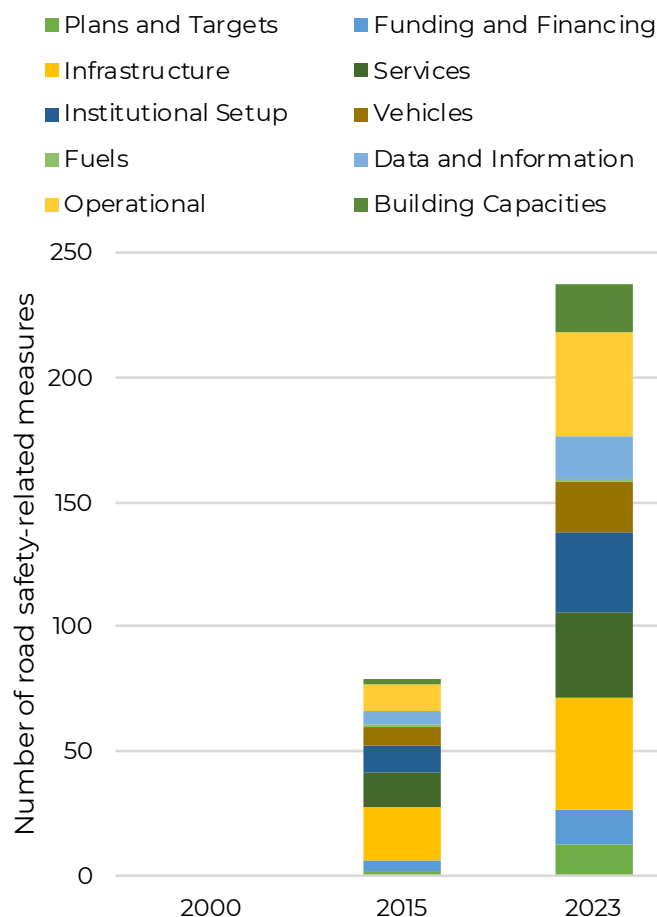
By 2025, ensure at least three provinces operate electric public transport

Second Nationally Determined Contribution

Top 10 road safety-related policy measures by typology, share in total



Cumulative number of road safety - related policy measures by toolbox



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