

# Kenya



Transport is the largest CO<sub>2</sub>-emitting sector in Kenya, and emissions have almost doubled since 2010. However, the country's transport emission levels are still below the regional average and motorisation levels are relatively low.

In Kenya's transport strategy, the need to move towards low-carbon, sustainable mobility has been highlighted. The country's Nationally Determined Contribution (NDC) includes transport efficiency improvements, but specific actions to support transport decarbonisation are still missing at the national level.

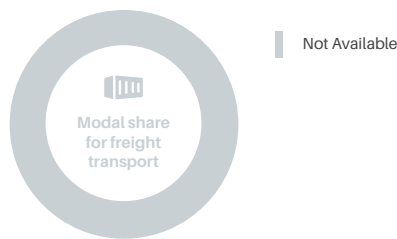
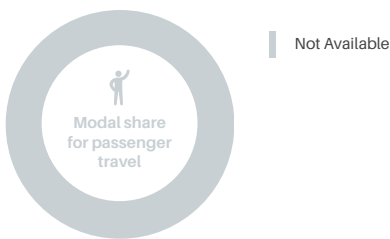
Income group: Middle-income  
Human Development Index: 0.6

	Population size (2020)	Urban population share (2020)	GDP per capita (2019)
<b>Total</b>	53.8 million	27.9%	1 237.5
<b>Growth</b> <small>(2010 to 2020)</small>	27.9%	53.6%	62.7%

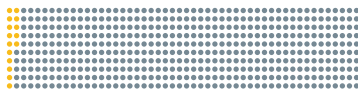
## Mobility Demand Trends

Passenger travel activity  
Not available

Freight transport activity  
Not available



**Car ownership growth (2005 to 2015)**  
29.2 vehicles per 1,000 people



**+26%**

**Vehicle sales (2019)**

**Passenger** (Growth 2010 to 2019) 2 307 **-19.3%**  
**Commercial** 3 336 **-26.8%**

**Fuel consumption (2018)**

**3 090**  
thousand tonnes of oil equivalent  
**+86% (2010 to 2018)**

Average light duty fuel economy consumption (2017)  
Not available



**Diesel**  
US cents per litre (2018)

**108**

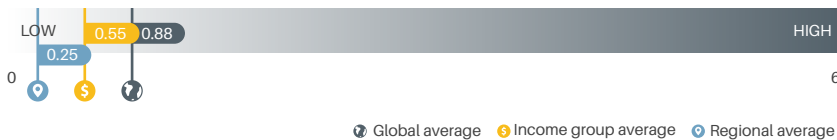
**Super gasoline**  
US cents per litre (2018)

**113**

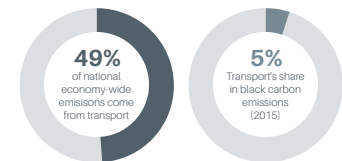
## Transport Emission Trends

**Transport CO<sub>2</sub> emissions (2019)**  
9.7 million tonnes

**Per capita transport CO<sub>2</sub> emissions (2019)**  
0.19 tonnes

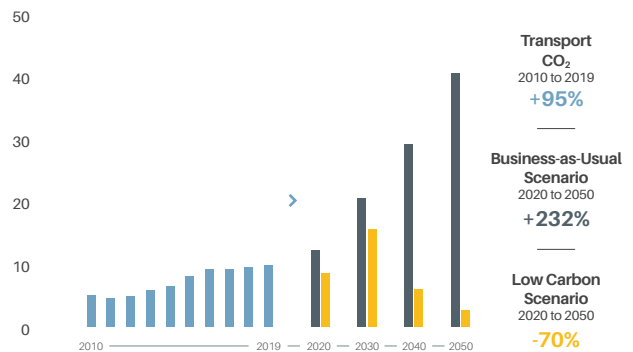


**Largest CO<sub>2</sub> producing sector in the country**



## Low Carbon Transport Pathways

Transport strategy identifies climate change	✓
Long-term strategy submitted to UNFCCC	Not submitted
NDC submitted	1st and Updated NDC
NDC highlights transport for GHG mitigation	✓
Transport mitigation targets in NDC	✗
Other non-emission related transport targets in NDC	Not available
Voluntary National Review highlights transport	✓
2020 VNR with transport linkages to SDG 2, SDG 3, SDG 8 and SDG 13	



### Transport measures in NDC

#### Mitigation

- General efficiency standards

#### Adaptation

- Transport infrastructure resilience
- Education and training
- Design standards and updates

## Sustainable Mobility Planning & Transport Demand Management

National Urban Mobility Framework (2020)	Not available
Sustainable Urban Mobility Plans (2020)	Pilot project in 1 city
Low Emission Zones (2020)	Not available

## Walking and Cycling

National walking and cycling strategies (2020)	Walking and cycling combined in Guidance Document for NMT-Planning
Cycling infrastructure in capital (2020)	Not available

## Urban Passenger and Freight Transport

Bus rapid transit (2020)	Not available
Urban rail (LRT, metro, tram) (2020)	Not available
Bus rapid transit daily passenger volume (2020)	Not available
Rapid Transit to Resident Ratio (2019)	Not available

## Passenger and Freight Railways

Rail network (2004)	1917 km
High-speed rail (2018)	Not available
High-speed rail travel activity (2018)	Not available
National plans for passenger and freight rail expansion	✓
<b>Targets</b>	<ul style="list-style-type: none"> <li>Increase the railway capacity to handle 50% of freight cargo (25 Million Tonnes) from the Mombasa Port</li> </ul>
Rail travel activity (2007)	109 million passenger-km
Rail freight activity (2004)	1399 million ton-km

## Shared Mobility Services

Bike-sharing systems (2020)	Not available
Electric scooter services (2020)	Not available
Carsharing services (2021)	Not available
National legal frameworks for shared mobility (2020)	Not available
Autonomous vehicles in operation or in preparation (2020)	Not available
Autonomous vehicles strategies (2020)	Not available

## Fuel Economy

Emission standards for LDVs (2018)	Not available
CO <sub>2</sub> emissions performance for LDVs (2017)	173 gCO <sub>2</sub> /km
Emission standards for HDVs (2018)	Not available
Targeted CO <sub>2</sub> emissions performance	Not available

## Electric Mobility

Electric vehicles (2019)	Not available
Market share of electric vehicles (2019)	Not available
No. of cities with electric buses (2019)	Not available
ICE phase-out targets	✗

## Renewable Energy

Biofuel blend mandate (2019)	Not available
Renewable energy (biofuels and electricity) share in transport (2018)	Not available
Targeted % of renewable energy	Not available

## Aviation

Air passengers carried (2019)	6.4 million people
Air freight activity (2019)	321 million ton-km
Carbon-accredited airports (2020)	✗
<i>of which carbon neutral</i>	✗

## Shipping

Liner shipping connectivity index (2019)	17
Container port traffic (2019)	1425000 TEU

## COVID-19

Traditional transport infrastructure investment	Not available
Clean transport infrastructure investment	Not available

This fact sheet is part of the SLOCAT Transport and Climate Change Global Status Report - 2nd edition.

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### List of acronyms

<b>GDP</b>	Gross-domestic product
<b>HDV</b>	Heavy-duty vehicle
<b>ICE</b>	Internal combustion engine
<b>LDV</b>	Light-duty vehicle
<b>LRT</b>	Light-rail transit
<b>NDC</b>	Nationally determined contribution
<b>TEU</b>	Twenty-foot Equivalent Unit
<b>UNFCCC</b>	United Nations Framework Convention on Climate Change
<b>VNR</b>	Voluntary national review of the Sustainable Development Goals
<b>WLTP</b>	Worldwide harmonised light vehicles test procedure