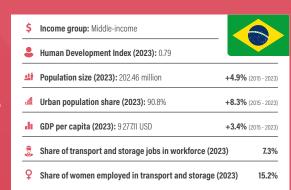
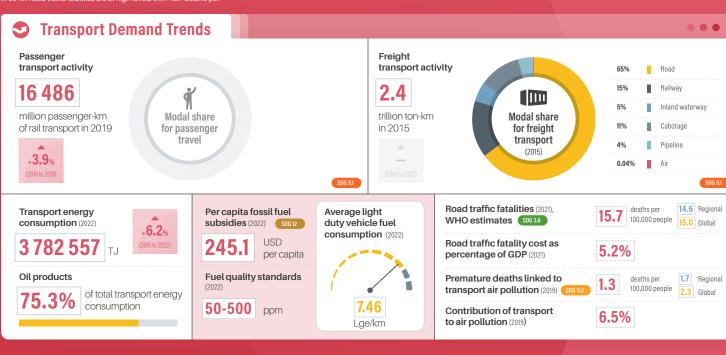
Brazi

Brazil put strong efforts in advancing sustainable, zero-emission transport through prioritising urban transport improvements and low-carbon fuels. However, transport sector was the second-largest contributor to Brazil's emissions, accounting for 17% of national GHG emissions in 2023. Transport GHG emissions grew by nearly 8% from 2015 to 2023. There is scarce data on passenger transport activity, but freight transport activity data indicated dominance of road freight in 2019. Brazil leads in biofuel use (21.3% of total transport energy consumption in 2022) with atheroal and biodicials. transport energy consumption in 2022), with ethanol and biodiesel mandates at 27% and 10%, respectively. Beyond climate impacts, transport accounted for 6.5% of national air pollutant emissions in

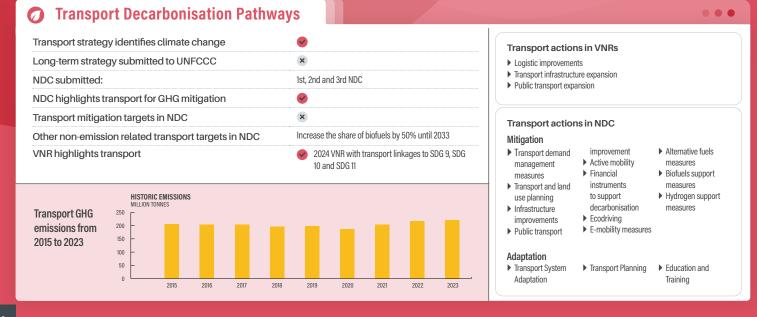
100,000 people and accounted with 5.2% a significant share of the country's GDP in 2021.

Brazil's third NDC sets out both transport mitigation and adaptation measures. Especially on adaptation and resilience, efforts are needed because assessments show a high vulnerability and a low adaptability of infrastructure to the acetter in the processing of control of the processing of the processing of the process of the processing of the processi transport, walking and cycling are in progress. Already 74% of the urban population has conveninent access to public transport. National policies support rail expansion with the target to double









COUNTRY FACT SHEET | BRAZIL



Policy Areas: Indicators and Targets





Policy Areas: Indicators and Targets	
integrated Transport Planning	
National urban mobility framework (2024)	•
Sustainable urban mobility plans (2024)	⊘
Number of sustainable urban mobility plans (2022)	396 cities
Low emission zones (2022)	(First LEZ approved in 2022 for Rio de Janeiro)
Adaptation and Resilience	
ND-GAIN Index (2022)	49.52
Vulnerability score for infrastructure (2022)	0.12
† Walking	
Walkability Score (2024)	0.61
National walking strategies (2024)	(In progress)
്ര Cycling	
Cycling infrastructure in capital (2022)	636 km
Percent near protected bikeways (2024)	6%
Bike sharing systems (2024)	30
National cycling strategies (2024)	(In progress)
 ▼ Target To make cycling an efficient and healthy means of transport Support local governments in the deployment of bicycle lan support equipment. To promote the integration of the bicycle and public transpo 	es, public bicycles and user
ଇଲ୍ଲ Public Transport	
Bus rapid transit (2024)	922 km ot total length in 27 cities
Bus rapid transit daily passenger volume (2024)	8 824 386 passengers per day
Urban rail (LRT, metro, tram) (2024)	733 km in 9 cities
Proportion of population that has convenient access to public transport (2020) SDG 11.2	74.16%
Intercity Rail	
Rail network (2007)	32 622 km
Rail travel activity (2019)	16 486.36 million passenger-km
Rail freight activity (2007)	9 393.5 million ton-km

Road Transport	
Total road vehicles in use per 1,000 people (2020)	219.7
Road vehicle fleet growth (from 2015 to 2020)	6.97%
Rural Access Index (2019) SDG 9.1	65.5 RAI PST
Diesel prices (2022)	1.07 USD per litre
Gasoline prices (2022)	1.11 USD per litre
* Aviation	
Air passengers carried (2021)	61.9 million people
Air freight activity (2021)	1294.5 million ton-km
Carbon-accredited airports (2023)	8 airports
of which carbon neutral:	none
Shipping	
Logistics Performance Index (2023)	3.2
Liner shipping connectivity index (Q4 2024)	39.7
Container port traffic (2020)	10 376 571.0 TEU
① Transport Energy Sources	
Biofuel blend overall mandate (2023)	_
Biofuel blend biodiesel mandate (2023)	10.0%
Biofuel blend ethanol mandate (2023)	27.0%
Carbon intensity of electricity (2023)	96.40 gCO₂/kWh
Renewable energy (biofuels and electricity) share in transport (2022) SDG 72.1	21.6% of total transport energy consumption
Biofuels (2022)	21.3% of total transport energy consumption
Electricity (2022)	0.3% of total transport energy consumption
Targeted renewable power share	23%
™ Vehicle Technologies	
Emission standards for LDVs (2024)	Euro 4 and above
CO ₂ emissions performance for passenger cars (2024)	138 g CO ₂ /km in 2017
Targeted CO ₂ emissions performance (2024)	122 g CO ₂ /km by 2022
Regulatory environment ranking on used vehicles (2024)	Banned
Electric vehicles stock for passenger cars (2024)	94000 vehicles
Share of electric vehicles in car sales (2024)	6.4 %
ICE phase-out targets	×
Electric vehicles stock for vans (2024)	3800 vehicles
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This fact sheet is part of the SLOCAT Transport, Climate and Sustainability Global Status Report - 4^{th} Edition. The country fact sheets have been made possible thanks to financial support from the ClimateWorks Foundation. possible thanks to financial support from the ClimateWorks Foundation. Information presented in this fact sheet is based on desk research and may not be complete or reflect the most recent status. Data has been collected to the best of our knowledge and availability. Where no information could be retrieved, the indicators are shown in grey. The content does not represent the views of the SLOCAT Partnership on Sustainable, Low Carbon Transport or the ClimateWorks Foundation. For more information, please visit gsr4.slocat.net.

National plans for passenger and freight rail expansion

 \blacktriangleright To increase rail's modal share from the current 17.7% to 34.6%

List of acronyms
GDP Gross-domestic product
Havy-duty vehicle
IDE Internal combustion engine
KWh Kllowatt-hour
LUV Light-duty shelic
LRT Light-rail transit
NDC Nationally determined contribution
PST Primary, secondary or tertiary roads

TEU Twenty-foot Equivalent Unit UNEP United Nations Environment Programme United Nations Environment Programme United Nations Framework Convention on Climate Change Voluntary national review of the Sustainable Developiment Goals WILTP Worldwide harmonised light vehicles test procedure.











High-speed rail

(2024) **Target**

High-speed rail travel activity