

Venezuela



TRANSPORT, CLIMATE
AND SUSTAINABILITY
GLOBAL STATUS REPORT



Transport CO₂ emissions in **Venezuela** nearly halved from 2015 to 2021. In 2021, the country recorded per capita transport CO₂ emissions of 0.90 tonnes, close to the regional average. Transport is completely fossil fuel-based and responsible for 24% of national CO₂ emissions. There is no information on passenger and freight travel activity.

Venezuela submitted the 1st and updated NDC. Although the NDC highlights transport for GHG mitigation, there is no information on national urban mobility policies, sustainable urban mobility plans, nor strategies in support of walking and vehicle electrification. The country also submitted a VNR in 2016, without any reference to transport.

Income group:	Unclassified
Human Development Index (2021):	0.691
Population size (2022):	28 047 658 -7.6% (2015 - 2022)
Urban population share (2022):	—
GDP per capita (2021):	—

Transport Demand Trends

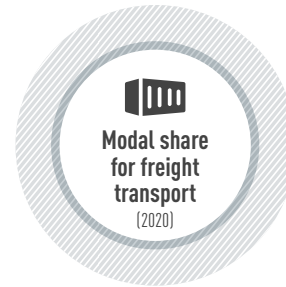
Passenger travel activity

Not available



Freight transport activity

Not available



Energy consumption (2020)

7.97 million tonnes of oil equivalent

49.8% (2015 to 2020)

Average light duty fuel economy consumption Lge/100 km (WLTP) (n/a)

99.9%

Oil Products

0.1%

Natural Gas

Transport Emission Trends

Transport CO₂ emissions (2021)

25.4 million tonnes

45.6% (2015 to 2021)

Per capita transport CO₂ emissions (2021)

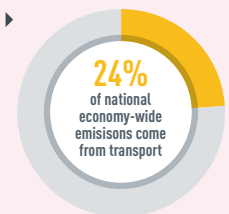
0.90 tonnes

Per capita transport CO₂ emissions

Global average Income group average Regional average Venezuela average



Transport is the **third-largest** CO₂ producing sector in the country



Transport Decarbonisation Pathways

Transport strategy identifies climate change	Not available
Long-term strategy submitted to UNFCCC	✗
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	✗
VNR highlights transport	✗ 2016 VNR with no transport linkages

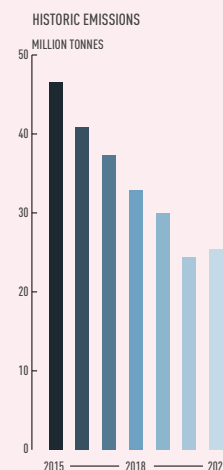
Transport actions in VNRs

Not available

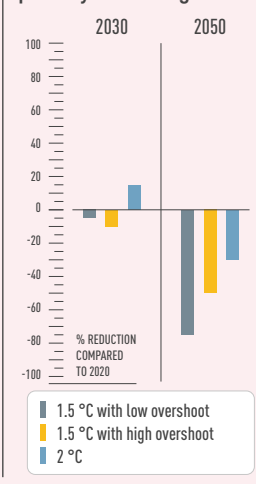
Transport actions in NDC

- ✦ Aircraft fleet renovation
- ✦ Biofuels
- ✦ BRT
- ✦ Fuel quality improvements
- ✦ General alternative fuels
- ✦ General public transport improvement
- ✦ General shipping improvement
- ✦ LPG/CNG/LNG
- ✦ Public transit integration and expansion
- ✦ Ship efficiency improvements
- ✦ Support on-shore power and electric charging facilities in ports
- ✦ Vehicle air pollution emission standards

Required regional transport decarbonisation pathways



IPCC transport decarbonisation pathways for this region





Policy Areas: Indicators and Targets

Integrated Transport Planning	
National urban mobility framework (2022)	Not available
Sustainable urban mobility plans (2022)	Not available
Number of sustainable urban mobility plans (2022)	Not available
Low emission zones (2022)	Not available

Walking	
National walking strategies (2022)	Not available

Cycling	
National walking strategies (2022)	🚫
Targets ▶ To encourage, protect and regulate urban cycling throughout the country	
Cycling infrastructure in capital (2022)	Not available

Shared Mobility, Public Transport and Informal Transport	
Bus rapid transit (2022)	42 km in 3 cities
Bus rapid transit daily passenger volume (2022)	240 778
Urban rail (LRT, metro, tram) (2022)	78 km in 3 cities
Rapid Transit to Resident Ratio (2021)	3.1

Intercity Rail	
Rail network (2006)	336 km
Rail travel activity (1995)	12 million-passenger-km
Rail freight activity (2006)	81.1 million ton-km
High-speed rail (2021)	Not available
High-speed rail travel activity (2021)	Not available
National plans for passenger and freight rail expansion (2022)	Yes, for passenger rail
Target ▶ Investment of USD 150 million for the expansion and rehabilitation of the underground transport system	

Road Transport	
Total road vehicles in use per 1,000 people (2020)	148.6
Average annual growth rate (from 2015 to 2020)	-1.30%

Aviation	
Air passengers carried (2020)	0.3 million people
Air freight activity (2020):	2.9 million ton-km
Carbon-accredited airports (2022)	2 airports
of which carbon neutral:	🚫

Shipping	
Liner shipping connectivity index (2021):	74
Container port traffic (2020):	168 757 TEU

Transport Energy Sources	
Biofuel blend mandate (2022)	Not available
Renewable energy (biofuels and electricity) share in transport (2020)	Not available
Targeted % of renewable energy	Not available

Vehicle Technologies	
Emission standards for LDVs (2020)	Not available
CO ₂ emissions performance for passenger cars (2020)	Not available
Targeted CO ₂ emissions performance	Not available
Regulatory environment ranking on used vehicles by UNEP (2021)	Banned
Electric vehicles (2022)	Not available
Share of electric vehicles in car sales (2022)	Not available
ICE phase-out targets:	🚫

COVID-19	
Strongest impact of COVID-19 on...	(compared to pre-COVID-19 baseline)
... trips to public transport	-65.6% Week of 12 April 2020
... navigation request for walking	Not available
... navigation request for driving	Not available
... driven kilometres	Not available
Traditional transport infrastructure investment:	Not available
Clean transport infrastructure investment:	Not available

This fact sheet is part of the SLOCAT Transport, Climate and Sustainability Global Status Report 3rd Edition. Information shown in this country fact sheet is based on desk research and might not be complete or not show the most recent status. The data has been collected to the best knowledge and availability. If no information was able to be retrieved, then 'Not available' is being indicated. The content does not represent the opinion of the SLOCAT Partnership on Sustainable, Low Carbon Transport. For more information, please visit tcc-gsr.com

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