TRANSPORT, CLIMATE AND SUSTAINABILITY GLUBAL STATUS REPORT - 4" EDITION		
		\$ Income group: Middle-income
Iran		Line Human Development Index (2023): 0.80
Iran's transport sector was the fourth largest GHG-emitting 2019. Transport-induced air pollution, in	n turn caused 5 56	*** Population size (2023): 83.19 million +9.81% (2015 -
		Image: Market with the second secon
of national emissions, with per capita emissions nearly double the global average. While passenger rail activity has stagnated, freight rail has seen modest growth. Iran records		-II GDP per capita (2023): 5680.71 USD +14.19% (2015 -
		Share of transport and storage jobs in workforce (2023)
the carbon intensity of its electricity remains very high, at 641.7 gCO2/kWh in 2023. Beyond climate impacts, transport mobility framework. However, planned		Share of women employed in transport and storage (2023)
accounted for 11.1% of national air pollutant emissions in enhance freight capacity and efficiency		
Transport Demand Trends		• •
Passenger transport activity	Freight transport activit	N
14 890	33798	
million passenger-km Modal share	million ton-km of	aviation Modal share
of rail transport in 2019 for passenger travel	and rail transport	in 2019 for freight transport
-0.3%	+0.35%	
(2015 to 2019) 5D6 93	(2015 to 2019)	50 State Sta
Transport energy	gin.	Road traffic fatalities (2021), WHO estimates (\$063.6 20.6 deaths per 15.6 Regi
consumption (2022) 3.7% 2.067.6/5	tion (2022)	Road traffic fatality cost as
2067645 TJ (2015 to 2023) No data OSD per capita		percentage of GDP (2021) 6.8%
Oil products Fuel quality standards (2022)		Premature deaths linked to deaths per 3.2 Register 100,000 people 2.3 Glob
		Contribution of transport 11 10/
Lge	e/km	to air pollution (2019)
Transport Emission Trends		••
Transport Emission Trends Transport GHG Per capita transport GHG	nsport GHG	••
Transport GHG emissions (2023) Per capita tran emissions (2023)		Transport is the
Transport GHG Per capita tran		15% Transport is the fourth-largest GHG-emitting
Transport GHG emissions (2023) 0.4% 1.1% Per capita transmissions (2023) 145.7 2015 2015 2023 1.62 million tonnes of CO2 equivalent 2013 2013 1.62		ta
Transport GHG emissions (2023) 1.1% 1.1% Per capita transmissions (2023) 145.7 2015 2015 2023 2023 1.62 million tonnes of CO2 equivalent 2023 Tonnes of CO2 Tonnes of CO2 Per capita transmissions (2023) Per capita transmissions (2023) 2015 Per capita transmissions (2023) 2015 Per capita transmissions (2023) Per capita transmission	a) equivalent per capit	ta
Transport GHG emissions (2023) 1.1% 1.1% Per capita transmissions (2023) 145.7 2015 2015 2023 2023 1.62 million tonnes of CO2 equivalent 2023 Tonnes of CO2 Tonnes of CO2 Per capita transmissions (2023) Per capita transmissions (2023) 2015 Per capita transmissions (2023) 2015 Per capita transmissions (2023) Per capita transmission	3)	ta
Transport GHG emissions (2023) . 0.4% (2015 to 2023) . 1.1% (2015 to 2023) . 1.1% (2012 to 2023) . 1.62 tonnes of CO ₂ . 1.62	a) equivalent per capit	ta
Transport GHG emissions (2023) 10.4 % (2015 to 2023) 11.1 % (2022 to 2023) 11.1 % (2022 to 2023) 11.1 % (2022 to 2023) 11.6 % 11.6 %	a) equivalent per capit	ta 15% of national economy-wide GHG emissions come from transport
Transport GHG emissions (2023) 	a) equivalent per capit	ta 15% of national economy-wide GHG emissions come from transport
Transport GHG emissions (2023) 10.4% 11.1% Per capita transmissions (2023) 145.7 205 2023 11.62 million tonnes of CO2 equivalent 203 Tonnes of CO2 PER CAPITA EMISSION COMPARISON Image: Colspan="2">Income group average Image: Colspan="2">Image: Colspan="2" Image: Colspa	a) equivalent per capit	ta 15% of national economy-wide 6HG emisisons come from transport 12
Transport GHG emissions (2023) 0.4% 1.1% 1.1% 145.7 205 2023 2023 1.62 million tonnes of CO2 equivalent 200 1.62 1.62 PER CAPITA EMISSION COMPARISON Incente group average Incenteg	a) equivalent per capit	ta 15% of national economy-wide 6HG emisisons come from transport 12
Transport GHG emissions (2023) Image: Construction of the co	a) equivalent per capit	ta
Transport GHG emissions (2023) 10.4% 11.1% 11.1% 11.6% 145.7 205 203 11.6% 16.2% million tonnes of CO2 equivalent 203 16.2% 16.2% PER CAPITA EMISSION COMPARISON Image: Comparison of CO2 equivalent	a) equivalent per capit	ta
Transport GHG emissions (2023) 10.4% 11.1% 11.1% 11.6% 145.7 205 203 11.6% 16.2% million tonnes of CO2 equivalent 203 16.2% 16.2% PER CAPITA EMISSION COMPARISON Image: Comparison of CO2 equivalent Image: Comparison of Comparison of Compari	a) equivalent per capit	ta
Transport GHG emissions (2023) Image: Constraint of the	a) equivalent per capit	ta
Transport GHG emissions (2023) 0.4% 1.1% 0.2% 1.1% 1.62 Million tonnes of CO2 equivalent 0.0% 0.	a) equivalent per capit	ta 15% of national economy-wide BHG emisions come from transport 2 Transport actions in VNRs Transport actions in NDC
Transport GHG Image: Source Sourc	a) equivalent per capit	ta 15% of national economy-wide BHG emissions come from transport 2 Transport actions in VNRs Transport actions in NDC Mitigation
Transport GHG emissions (2023) Image: Comparison of Co	a) equivalent per capit	ta 15% of national economy-wide BHG emissions come from transport 2 Transport actions in VNRs Transport actions in NDC Mitigation
Transport GHG emissions (2023) Image: Constraint of the second secon	a) equivalent per capit	ta 15% of national economy-wide BHG emissions come from transport 2 Transport actions in VNRs Transport actions in NDC Mitigation

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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)	
Low emission zones (2022)	
Solution and Resilience	
ND-GAIN Index (2022)	50.56
Vulnerability score for infrastructure (2022) 0.12	
4	

↑ Walking		
Walkability Score (2024)	0.57	
National walking strategies (2024)		

ൽ Cycling	
Cycling infrastructure in capital (2022)	24km, 550 km of separated bikelanes planned to be constructed by 2024
Percent near protected bikeways (2024)	1%
Bike sharing systems (2024)	2
National cycling strategies (2024)	-

Public Transport

Bus rapid transit (2024)	214 km of total length in 3 cities
Bus rapid transit daily passenger volume (2024)	848 696 passengers per day
Urban rail (LRT, metro, tram) (2024)	335 km in 6 cities
Proportion of population that has convenient access to public transport (2020) SDG 11.2	37.70%

Intercity Rail

Rail network (2021)	9455 km
Rail travel activity (2019)	14 890 million passenger-km
Rail freight activity (2019)	33 646 million ton-km
High-speed rail	
High-speed rail travel activity	
National plans for passenger and freight rail expansion (2024)	✓
🔊 Target	

• • • 🗖 🔰 Road Transport Total road vehicles in use per 1,000 people (2020) 182.5 Road vehicle fleet growth (from 2015 to 2020) 12.97% Rural Access Index (2019) SDG 9.1 Diesel prices (2022) 0.07 USD per litre Gasoline prices (2022) 0.34 USD per litre 🗡 Aviation Air passengers carried (2021) 13.7 million people Air freight activity (2021) 273.6 million ton-km of which carbon neutral: 🌲 Shipping Logistics Performance Index (2023) 31.1 Liner shipping connectivity index (Q4 2024) Container port traffic (2020) 1853 000.0 TEU 🕑 Transport Energy Sources Biofuel blend biodiesel mandate (2023) Biofuel blend ethanol mandate (2023) Carbon intensity of electricity (2023) 641.73 gCO₂/kWh Renewable energy (biofuels and electricity) 0.1% of total transport energy share in transport (2022) SDG 7.2.1 consumption 0.1% of total transport energy Electricity (2022) consumption Vehicle Technologies Emission standards for LDVs (2024) Below Euro 3 CO2 emissions performance for passenger cars (2024) No target set

Targeted CO₂ emissions performance (2024) Regulatory environment ranking on used vehicles (2024) Very Good Electric vehicles stock for passenger cars (2024) Share of electric vehicles in car sales (2024) ICE phase-out targets × Electric vehicles stock for vans (2024)

This fact sheet is part of the SLOCAT Transport, Climate and Sustainability Global Status Report – 4th Edition. The country fact sheets have been made 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.

increase freight capacity to 60 million tons annually

▶ 34 rail projects with 3,200 km in construction and 6,000 km in planning

Supported by: Orive Electric

List of acronyms

GDP

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

