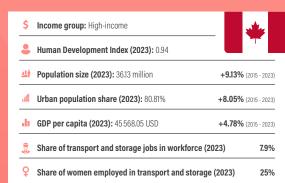
#### LOCAT

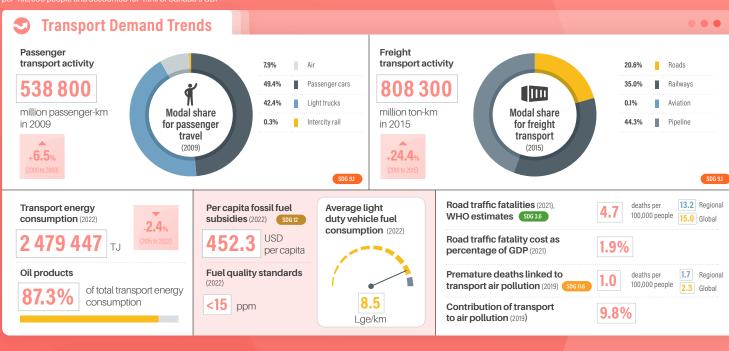
# <u>Canada</u>

Canada's transport sector is the second-largest contributor to national GHG emissions, accounting for 22.6% of total emissions in 2023. Despite a decline of 2.8% in transport emissions since 2015, per capita emissions remain high at 4.33 tonnes, above the global and regional averages. The country has a strong policy framework for transport decarbonisation, including subnational emission targets and a 100% zero-emission light-duty vehicle sales target by 2035. Transport contributed with 9.8% a high share of national air pollutant emissions in 2019. Transport-induced air pollution, in turn, caused 1.01 premature deaths per 100,000 people in Canada in the same year. Road traffic injuries claimed 4.7 live per 100,000 people and accounted for 1.9% of Canada's GDP

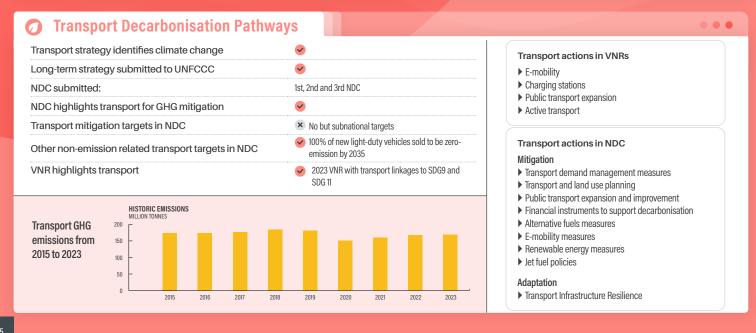
in 2021. In 2020, 77% of Canada's population had convenient access to public transport.

Canada is advancing sustainable mobility through integrated urban transport planning, active transport strategies, and public transport expansion. While national cycling and walking strategies promote accessibility and safety, urban rail and bus rapid transit infrastructure remain limited. The country is investing in passenger and freight rail expansion, including a planned high-speed corridor between Toronto and Quebec City. Electric vehicle adoption is growing, with 13% of car sales in 2023 being electric, supported by an internal combustion engine phase-out target for 2035.









COUNTRY FACT SHEET | CANADA

**Road Transport** 

Rural Access Index (2019) SDG 9.1

Diesel prices (2022)

Gasoline prices (2022)

Aviation

Air passengers carried (2021)

Carbon-accredited airports (2023)

Logistics Performance Index (2023)

Container port traffic (2020)

Liner shipping connectivity index (Q4 2024)

Transport Energy Sources

Biofuel blend overall mandate (2023)

Biofuel blend biodiesel mandate (2023)

Biofuel blend ethanol mandate (2023)

Carbon intensity of electricity (2023)

share in transport (2022) SDG 7.2.1

Biofuels (2022)

Renewable energy (biofuels and electricity)

Air freight activity (2021)

of which carbon neutral:

Shipping

Total road vehicles in use per 1,000 people (2020)

Road vehicle fleet growth (from 2015 to 2020)



## Policy Areas: Indicators and Targets



704.6

15,4%

1.33 USD per litre

1.35 USD per litre

25.0 million people

27 airports

3 airports

4

48.8

6196600.0 TEU

2 to 10%

2.0%

5.0%

165.15 gCO<sub>2</sub>/kWh

consumption

consumption

5.4% of total transport energy

4.2% of total transport energy

Subnational mandates ranging from

3240.0 million ton-km

Integrated Transport Planning	
National urban mobility framework (2024)	•
Sustainable urban mobility plans (2024)	•
Number of sustainable urban mobility plans (2024)	1 city (Québec)
Low emission zones (2022)	× 1 LEZ planned for Montreal (2030)
3 Adaptation and Resilience	
ND-GAIN Index (2022)	68.46
Vulnerability score for infrastructure (2022)	0.12
∱ Walking	

Walka	ahility	Scor

Walkability Score (2024)	0.67
National walking strategies (2024)	Combined with cycling



- ▶ Improve community connections and promote social equity amongst vulnerable Canadians
- Make travel by active transport easier, more convenient and enjoyable, and enhance user safety and security
   Encourage people to choose active transport over personal vehicles (including supporting walking and cycling to access
- Contribute to long-term, sustainable, inclusive economic growth, while setting the foundation for achieving a more inclusive Canada and net-zero climate emissions by 2050
- Support the Canadian economy through a reduction in congestion, the creation of jobs and enhanced access via active transport modes to businesses

#### **Cycling**

Cycling infrastructure in capital (2024)	More than 1000km in Montreal	
Percent near protected bikeways (2024)	34%	
Bike sharing systems (2024)	31	
National cycling strategies (2024)	Combined with walking	



Bus rapid transit (2024)	306 km of total length in 7 cities
Bus rapid transit daily passenger volume (2024)	503 407 passengers per day
Urban rail (LRT, metro, tram) (2024)	242.2 km in 5 cities
Proportion of population that has convenient access to public transport (2020)  SDG 11.2	77.1%

### Intercity Rail

48 149.91 km
536 million passenger-km
430 170 million ton-km
<b>⊘</b>



- ▶ The Alto high-speed rail network to connect Toronto and Quebec City, spanning approximately 1,000 kilometres
- ▶ Jaleslie Siding Extension project to enhance the reliability and fluidity of freight train passenger rail services to and from the Port of Vancouver

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n in / cities   :		
per day	Electricity (2022)	1.2% of total transport energy consumption
	Targeted renewable power share	90%
	variation vehicle Technologies	
	Emission standards for LDVs (2024)	Euro 4 and above
	CO <sub>2</sub> emissions performance for passenger cars (2024)	112 g CO <sub>2</sub> /km in 2017
er-km	Targeted CO <sub>2</sub> emissions performance (2024)	8 g CO <sub>2</sub> /km by 2035
im	Regulatory environment ranking on used vehicles (2024)	
	Electric vehicles stock for passenger cars (2024)	620 000 vehicles
	Share of electric vehicles in car sales (2024)	17 %
ains and	ICE phase-out targets	<b>→</b> (2035)
	Electric vehicles stock for vans (2024)	31000 vehicles
	Electric vehicles stock for trucks (2024)	5300 vehicles
		SDG 3.6 SDG 7.2.1 SDG 9.

This fact sheet is part of the SLOCAT Transport, Climate and Sustainability Global Status Report –  $4^{\text{th}}$  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**.

GDP	Gross-domestic product
HDV	Heavy-duty vehicle
ICE	Internal combustion engine
kWh	Kilowatt-hour

Nationally determined contribution

Primary, secondary or tertiary roads

Twenty-foot Equivalent Unit UNEP United Nations Environment Programme
UNFCCC United Nations Framework Convention on

Worldwide harmonised light vehicles test procedure













