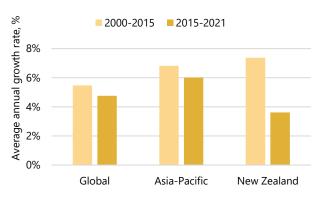


# **New Zealand**

Australia and New Zealand High income

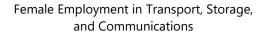
# SOCIO-ECONOMIC

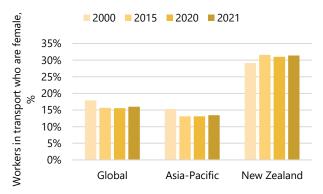
Gross Value Added by Transport, Storage, and Communications



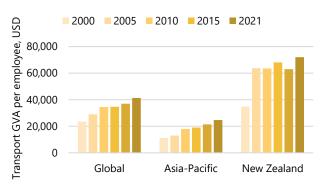
### Employment in Transport, Storage, and Communications



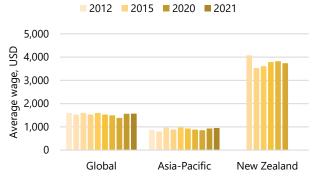




### Gross Value Added per Employee in Transport, Storage, and Communications



Average Monthly Wages in Transport, Storage, and Communications



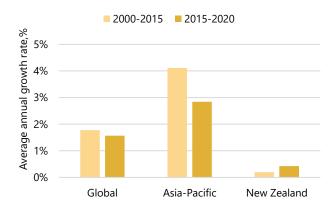
#### References

ATO National Database SEC-TIV-001 (UN Statistics Division 2023). ATO National Database SEC-TRE-002 (ILO 2023). ATO National Database SEC-TRE-014 (ILO 2023). ATO National Database SEC-TIV-001, SEC-TRE-002 (UN Statistics Division 2023, ILO 2023). ATO National Database SEC-SEG-017 (ILO 2023).

ATO National Database SEC-TIV-013 (World Bank 2023).

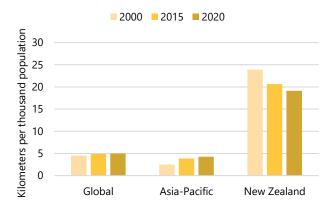
# **TRANSPORT INFRASTRUCTURE**

#### Annual Growth of Road Infrastructure



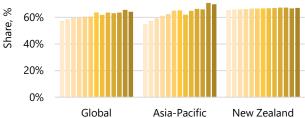


### Road Infrastructure Availability per capita

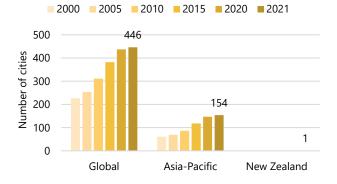


# 2008 2010 2015 2020 100% 80%

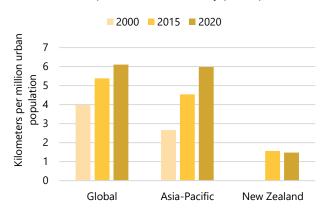
Paved Road Ratio



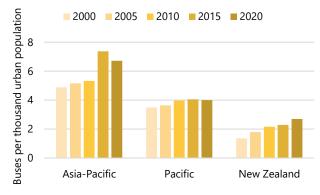
## Number of Cities with an Urban Rapid Transit System



Urban Rapid Transit Availability per capita



Bus and Other Informal Public Transport Registrations per Thousand Urban Population



References

World Road Statistics (IRF 2023). ATO National Database INF-TTI-019 (UIC 2023). ATO National Database INF-UTI-001, INF-UTI-002, INF-UTI-003 (ITDP 2023). Rapid Transit Database (ITDP 2023).

ATO National Database TAS-VEP-018 (Country Official Statistics).

# ACCESS

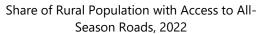
#### Population Covered by Mobile Network

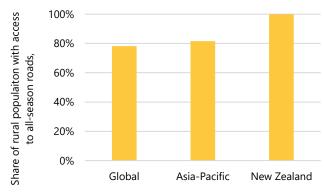




2000 2005 2010 2015 2020 2021 100% Share of population, % 80% 60% 40% 20% 0% Global Asia-Pacific New Zealand

Share of Population Using the Internet



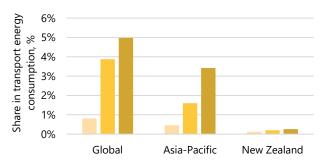


References

Sustainable Development Report 2023 (SDSN 2023). ATO National Database INF-ICT-010 (UN DESA 2023). ATO National Database INF-ICT-006 (ITU 2023).

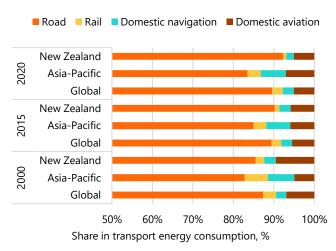
## **CLIMATE CHANGE**

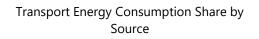
# Share of renewable energy in transport energy consumption



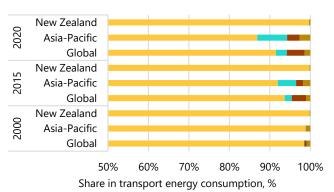


## Transport Energy Consumption Share by Mode

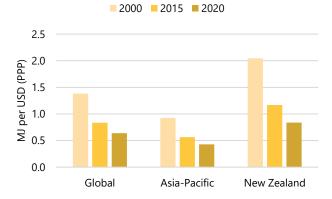






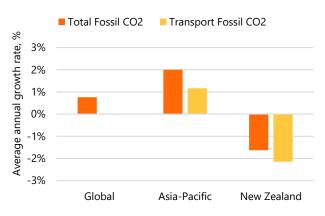


#### Transport Energy Intensity





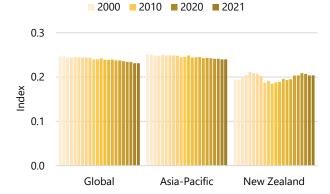




Annual Change of Transport CO2 Emissions Intensity with GDP



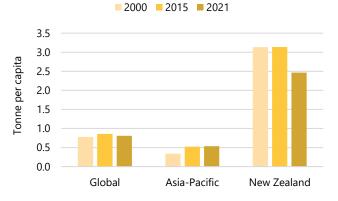
#### ND-GAIN Index for Infrastructure Vulnerability



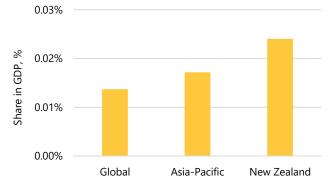
#### Global Asia-Pacific New Zealand 700 600 500 gCO2/kWh 400 300 200 100 0 2000 2005 2010 2015 2020

Grid Emission Factors

Transport CO2 Emissions per Capita



Multi-Hazard Expected Annual Damages to Roads, Rail, and Ports as Share of GDP



#### References

ATO National Database CLC-VRE-016 (ESMAP 2023).

ATO National Database CLC-VRE-081, CLC-VRE-026, CLC-VRE-027, CLC-VRE-028 (UN Statistics Division). 2023).

ATO National Database CLC-VRE-001 (UN Statistics Division 2023).

Fossil Fuel Subsidies (IEA 2023).

ATO National Database CLC-VRE-045 (EDGAR 2023).

ATO National Database CLC-VRE-048, CLC-VRE-045 (EDGAR 2023).

ATO National Database INF-AFP-003 (Ember 2023).

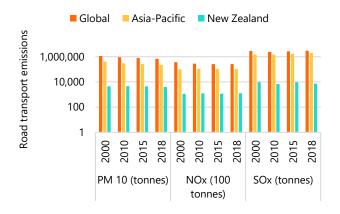
ATO National Database CLC-CVT-001 (ND-GAIN 2023).

ATO National Database CLC-CVT-002, CLC-CVT-007 (Koks, et al. 2019, Verschuur, et al. 2023).

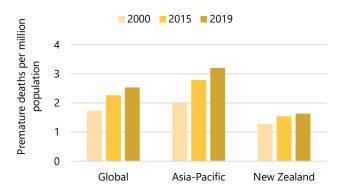


# **AIR POLLUTION**

Road Transport Air Pollution



# Death Rate due to Occupational Exposure to Diesel Engines



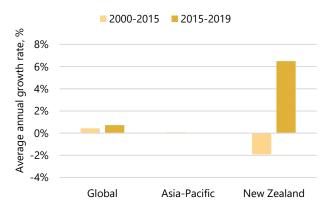
#### References

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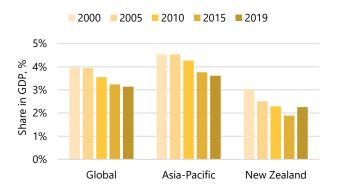
ATO National Database APH-HAT-001 (GBD 2019).

# **ROAD SAFETY**

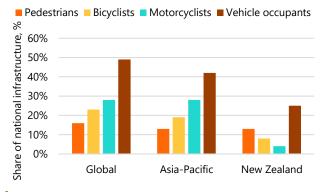




Cost of Road Crash Fatalities and Injuries as % of GDP



Share of National Infrastructure with 3-star or better rating



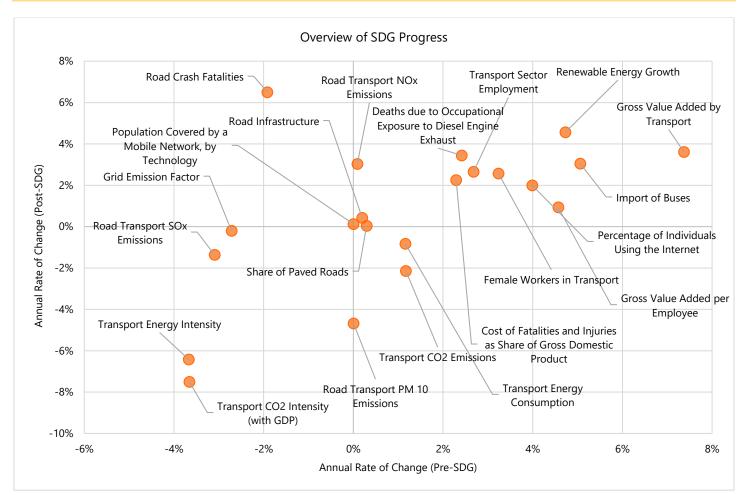
#### References

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ATO National Database RSA-RSI-012 (World Bank 2019).

ATO National Database RSA-SRI-009, RSA-SRI-010, RSA-SRI-011, RSA-SRI-012, (IRAP 2023).





Indicator Years (Pre-SDG, Post-SDG) Road Crash Fatalities (2000-2015, 2015-2019), Cost of Fatalities and Injuries as Share of Gross Domestic Product (2010, 2019) [Note: number indicates cost as share of GDP], Road Transport PM 10 Emissions (2000-2015, 2015-2018), Road Transport NOx Emissions (2000-2015, 2015-2018), Road Transport SOx Emissions (2000-2015, 2015-2020), Renewable Energy Growth (2000-2015, 2015-2020), Transport Energy Consumption (2000-2015, 2015-2020), Renewable Energy Growth (2000-2015, 2015-2020), Transport Energy Intensity (2000-2015, 2015-2020), Gross Value Added by Transport (2000-2015, 2015-2021), Gross Value Added per Employee (2000-2015, 2015-2021), Transport Sector Employment (2000-2015, 2015-2021), Female Workers in Transport (2000-2015, 2015-2021), Monthly Wages in the Transport Sector (2011-2015, 2015-2021), Road Infrastructure (2000-2015, 2015-2021), Passenger and freight volumes (2010-2015, 2015-2021), Share of Paved Roads (2008-2015, 2015-2020), Population Covered by a Mobile Network, by Technology (2012-2014, 2016-2020), Percentage of Individuals Using the Internet (2000-2015, 2015-2021), Rapid Transport CO2 Intensity (with GDP) (2000-2015, 2015-2021), Gross I Fuel Subsidies (2010-2015, 2015-2021), Transport CO2 Emissions (2000-2015, 2015-2021), Transport CO2 Intensity (with GDP) (2000-2015, 2015-2021), Grid Emission Factor (2000-2015, 2015-2021), Transport Sector Public-Private Partnerships Investments (2000-2015, 2015-2022)

#### Note

The Asian Transport Outlook (ATO) project collects, collates, and organizes data from publicly available official, as well as reputable and peer-reviewed secondary sources, which may contain incomplete or inconsistent data. It is important to note that the ATO does not generate data. Moreover, while the ATO carries out quality control and assurance of whether the data are truthfully reflected in the ATO does not make any warranties or representations as to the appropriateness, quality, accuracy, or completeness of the data in the ATO databases, and in the knowledge products that are produced from such. Users are encouraged to scrutinize, verify, interpret, and judge the data before utilizing them.

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