

#### ITF TRANSPORT STATISTICS

Better data for better transport policies

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- Collecting data via questionnaires for its 64 member countries
- Ensuring data quality and comparability
- Forming the basis for many analytical studies
- Providing a platform for discussing best practices and common solutions

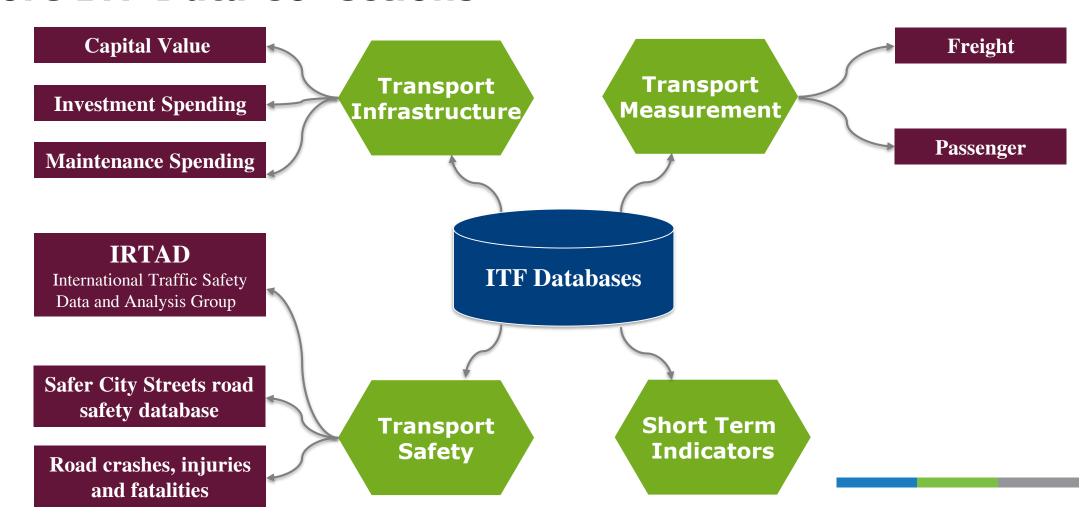




### **Datasets**

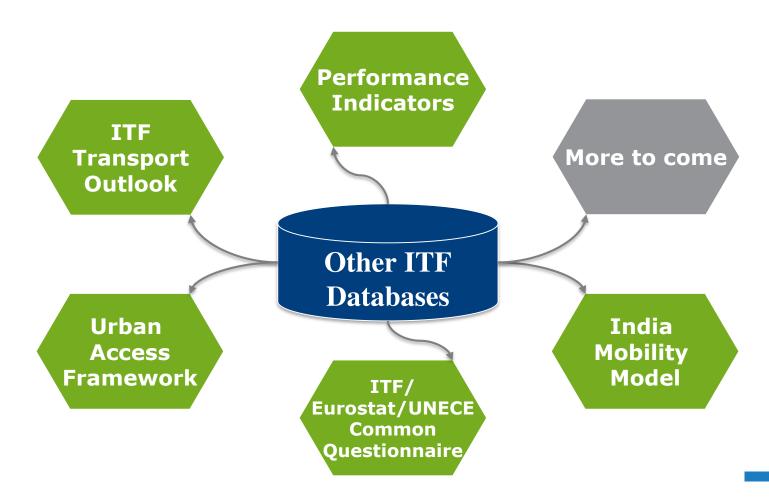


#### **Core ITF Data Collections**





#### **Non-core ITF Data Collections**





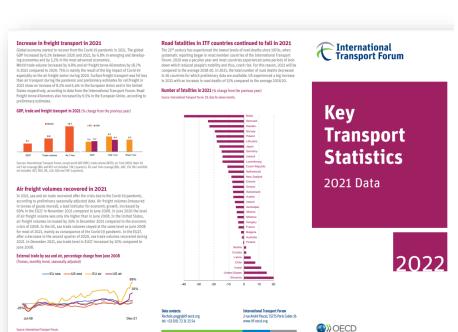
### **Publications**



#### **ITF Statistics Briefs**

ITF statistics brief present important observations of the global transport and mobility trends, using data and statistical analysis, to the international community of policymakers, practitioners, statisticians, and researchers.

- Trends in the Transport Sector Statistics Brief
- Trade and Transport Statistics Brief
- Spending on Transport Infrastructure Statistics Brief
- Key Transport Statistics





#### **Statistics Brief**

2022

#### Modal shift to cleaner transport fails to materialise

► Passenger and freight transport demand steadily increased from 2010 until ea

- 2020 following the outbreak of Covid-19.

  Frequency growth is one of the most significant drivers of transport demand between
- 2010 and 2021.

  Inland freight transport does not show a shift to more sustainable modes.
- Sea transport accounts for the largest share of containerised freight.
- 51% between 2019 and 2021.
- Road passenger transport was less impacted by the pandemic than rail.
   The share of passenger transport by car increased for all reporting countries.

#### Growing transport demand from 2010 up until the pander

Initiad freight transport demand in Australia, Europe, and transition economies continue increased over the last descale. In 2012, lineal freight transport grew by 54% in Australia, 15 Europe, and 26% in transition economies compand to 2010. The onset of Covid-19 ad significantly impair called relight transport in Australia and Europe. Enable freight transcontinued growing in 2020, in 2021, it was higher by 3% in Australia and by 2% in Europe compand 2021 by 18 and 19 (2021) to 18 whose the speciment certain 2021 by 18 and 2021 to 18 and 19 (2021) to 18 and 19 (2021) to 18 (202

Containerised freight transport grew significantly during the last decade, especially in transition economies compared to Europe. The pandemic did not disrupt the growing trend of containerised freight in transition economies. In Europe, however, the pandemic caused a drop of 5% between 2019 and 2020. Nevertheless, by 2021, containerised freight volume was 47% higher in Europe and 93% higher in transition economies compared to 2019.

Inland passenger transport was significantly impacted in Europe and in transition economies in 2020 after on decade of contant great. The Covid-19 panderies severely disrupted the European passenger transport sector in 2020, reducing passenger travel demand to below 2010 levels. Intensition economies, passenger transport fell by 17th in 2020 compared to 2019, although this installid above 2010 levels, Data for 2021, show that inland passenger transport was 9% lower in Europe and 445h binder in transition economies compared for 2010 Filterius 11.



#### International

#### Covid-19 sees European rail passenger transport drop 51%

Prior to the Covid-19 outbreak, rall passenger numbers in most European countries and Türki increased significantly. Türkiye (+155%), Slovakia (+7%) and the Czech Republic (+66%) region from 2010 to 2019. By contrast, many reporting countriincluding the Balkian countries, Latvia, Moldova and Ukraine, have experienced a contraction of ruse since 2010.

It is possible to observe the effects of numerous lockdowns and self-isolating measures on ritransport due to the Covid-19 pandemic by comparing passenger transport between 2019 and 202 The most affected countries during the pandemic were Modova (-69%), Ireland (-64%), and Albae (-59%), while the least affected countries were Budgaria (-21%), Sovenia (-22%), and France

In 2021, only Türkiye (+91%), Estonia (+17%) and the Czech Regublic (+4%) has rail passeng numbers above 2010 levels. All other reporting countries plummeted below 2010 levels. Countri that experienced relatively significant gains up to 2019, like the Czech Republic and Slovels returned to 2010 levels during the second year of the pandemic. This was mainly due to the fact the second Covict 19 wave in early 2021 and the Omiron wave at the end of 2021 forced m

#### Figure 5. Europe and Türkiye changes in rail passenger us



re Sa. Percentage change between 2010 and 2019 (prepandenic) e Sh. Percentage change between 2010 and 2021 (p





# Task Force on Collecting Data on Emerging Mobility Patterns



#### **TF outputs**

#### **Main deliverables**

- TF meetings
- TF Webpage on ITF website
- A concise guidelines

#### **Other outputs**

- Wiki/repository for the Task Force
- New definitions for the Transport Glossary



#### **Timeline (tentative)**

Task Force Launching -25/10/2022

First Meeting – 23/02/2023

Second Meeting – 13/07/2023

Third Meeting - 26/10/2023

















TF members deliver inputs for the first meeting – 31/01/2023

TF members deliver inputs for the second meeting – 12/06/2023 TF members deliver inputs for the third meeting – 30/09/2023

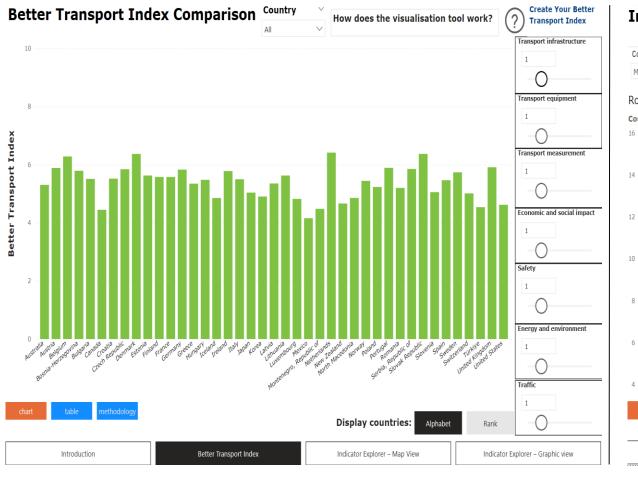
Final output 15/12/ 2023

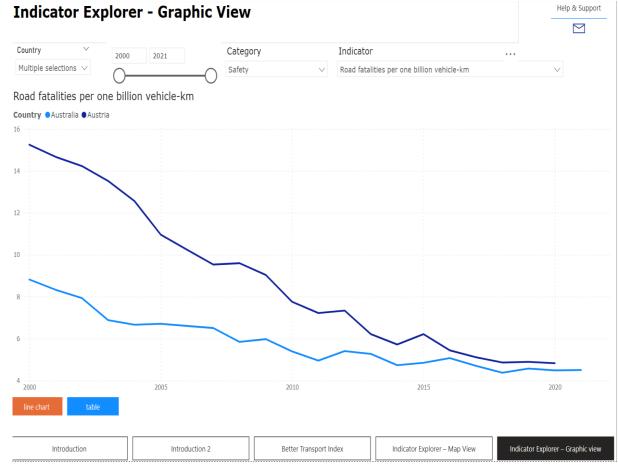


## **Better Transport Index Dashboard**



#### **Better Transport Index dashboard**







# Spending on Transport Infrastructure Investment

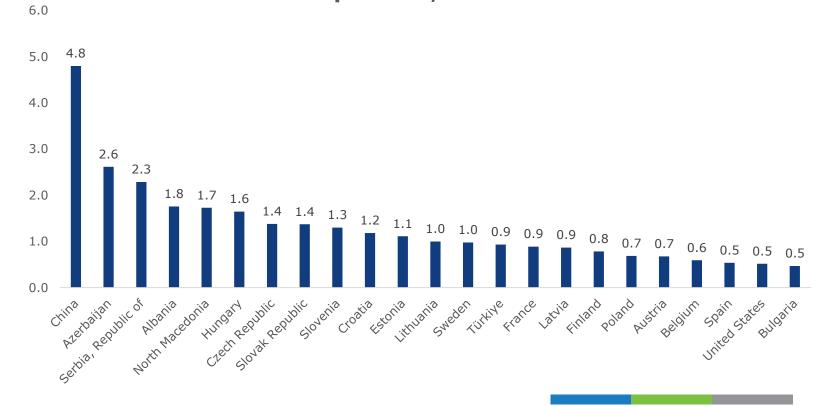


#### **Spending on Transport Infrastructure, 2021**

**Total Inland Transport Infrastructure Investment** per GPD, 2021

Total inland transport infrastructure investment includes investment on roads, railways and inland waterways.

Investments = new construction, extension, reconstruction, renewal and major repair





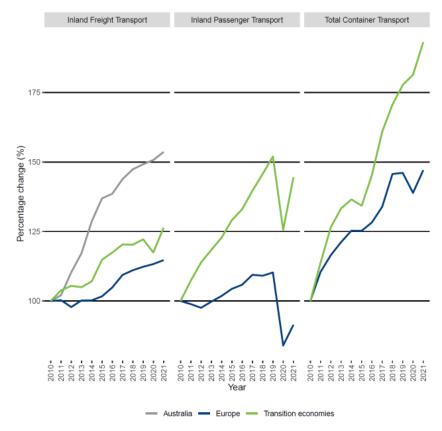
## Trends in the Transport Sector 2022



## Growing transport demand from 2010 up until the pandemic

- In 2021, inland freight transport grew by 54% in Australia,
   15% in Europe\*, and 26% in transition economies\*\*
   compared to 2010.
- Transition economies reported an inland freight transport contraction in 2020, contrary to Europe and Australia.
- Covid-19 caused an inland passenger transport drop in Europe and transition economies.
- By 2021, inland passenger transport was 9% lower in Europe and 44% higher in transition economies compared to 2010.
- Containerised transport contracted by 5% in Europe. It was not affected in transition economies.

Figure 1. Transport demand growth by sector and region (2010=100)

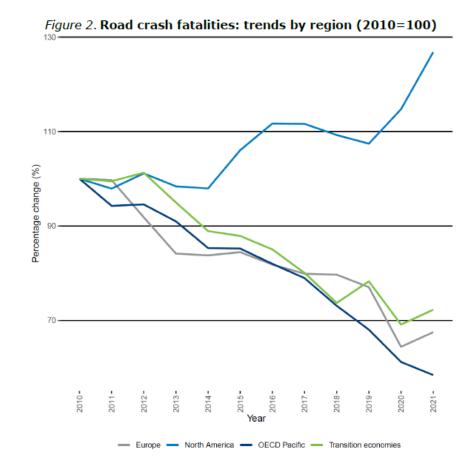


<sup>\*,\*\*:</sup> Please refer to the original publication to see the list of countries included in each of these groups.



## Road crash fatalities decrease despite growth in transport

- Deaths from road crashes fell in Europe, OECD Pacific countries\* and transition economies between 2010 and 2021.
- Crash fatalities increased in North America overall, with a decrease in Canada of 21% and the USA recording an increase of 30%.
- In 2021, fatalities fell by 33% in Europe, 42% in OECD Pacific\* countries and 28% in transition economies compared to 2010.



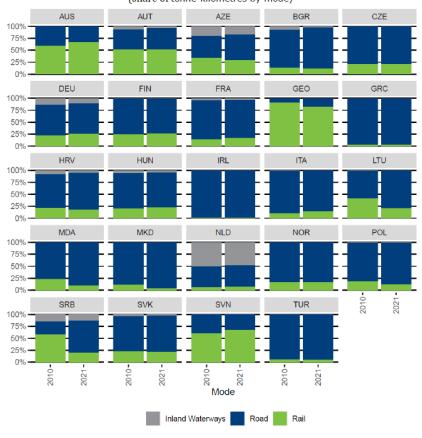
<sup>\*:</sup> Please refer to the original publication to see the list of countries included in each of this group.



#### Freight shift to road jeopardises climate goals

- Only 7 countries increased their use of rail, most notably Australia (+8%), Slovenia (+7%) and Italy (+5%).
- The other 17 countries increased the share of road freight transport by **4%** on average between 2010 and 2021.
- Serbia (+40%), Lithuania (+21%) and Moldova (+13%)
  are the top three countries with the highest shift towards
  road transport.
- The increasing use of road transport over the railway in most countries translates into more carbon dioxide (CO2) emissions, hindering global climate efforts.







## Covid-19 sees European rail passenger transport drop 51%



Figure 5a. Percentage change between 2010 and 2019 (prepandemic)

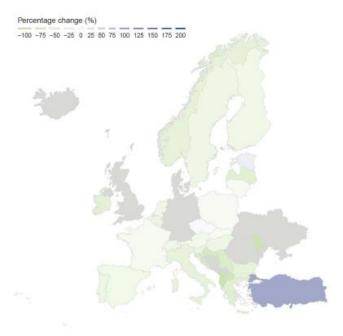


Figure 5b. Percentage change between 2010 and 2021 (postpandemic)



Figure 5c. Percentage change between 2019 (pre-pandemic) and 2021 (post-pandemic)



## Road passenger transport proves more resilient than rail during the pandemic



Figure 6a. Percentage change between 2010 and 2019 (prepandemic)

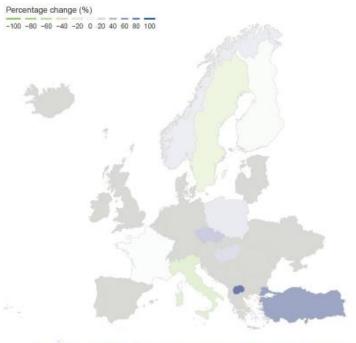


Figure 6b. Percentage change between 2010 and 2021 (postpandemic)



Figure 6c. Percentage change between 2019 (pre-pandemic) and 2021 (post-pandemic)