

# UNECE Working Party on Transport Statistics (WP.6) in 2018 and 2019

*Alex Blackburn, Secretary WP.6*

Inland Transport Committee



**UNECE**



- WP.6 Meeting 2018
- Monitoring the Sustainable Development Goals
  - Examples of Country SDG Indicator platforms for 9.1.2
  - Improved measurement of SDG 9.1.2
  - SDG papers
- Visualizing E-ROAD and E-RAIL traffic
- WP.6 Meeting 2019

# WP.6 Meeting, June 2018

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- Workshop on inland waterway statistics:
  - Discussing the benefits and challenges of replacing elements of traditional surveys with AIS data
  - Analysis of hinterland regions' port connectivity with rail versus IWW
  - Challenges of collecting data on foreign operators, and facilitation of intermodal connectivity. Details at [tiny.cc/UNECE-IWW](http://tiny.cc/UNECE-IWW)
- Decision on permanent data collections for bus statistics (with some data no longer collected) & level crossing accidents.
- Endorsement of Progress on Fifth Edition of the Glossary for Transport Statistics.

# Monitoring SDG 9.1.2: Reminder

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- Reminder: Target 9.1: “Develop quality, reliable, sustainable and resilient infrastructure...with a focus on affordable and equitable access for all.”
- Indicator 9.1.2: “Passenger and freight volumes, by mode of transport”.
- But how to measure passengers and freight? Which modes are included? **How do we measure success for this indicator (is more tonne-km a good thing?)**



# Monitoring SDG 9.1.2: National Indicator Platforms

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## Sub-categories

Choose categories from the dropdowns below to see different breakdowns of the data. Some will not be available until a higher level is chosen.

Click on the legend to remove individual lines from the chart.

Clear selections ✕

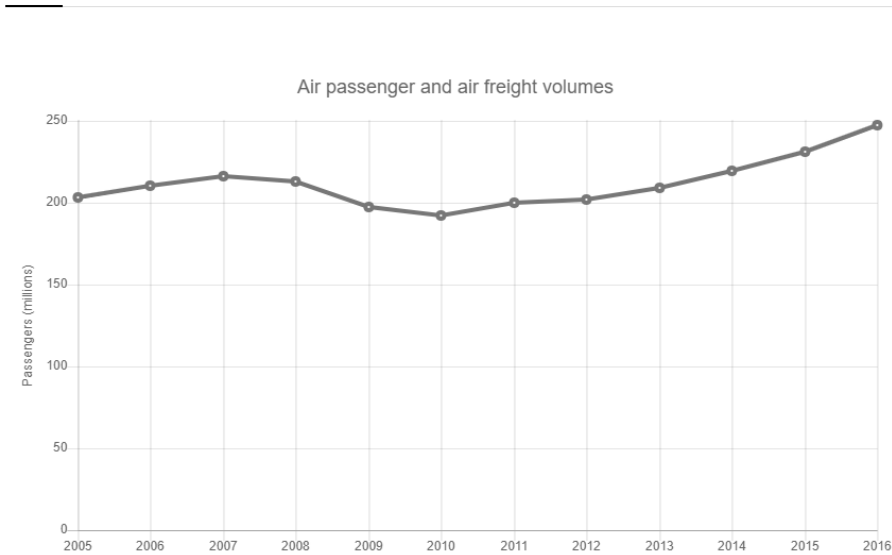
Segment ▼

## Units type

Passengers (millions)

Tonnes (000s)

Chart Table



Source: Department for Transport (DT)  
Geographical Area: UK  
Unit of Measurement: Passengers (Millions) / Tonnes (000s)

UK

## United Kingdom

- Passenger numbers and tonnes (not pkm or tkm) both provided.
- Data for only aviation currently available.



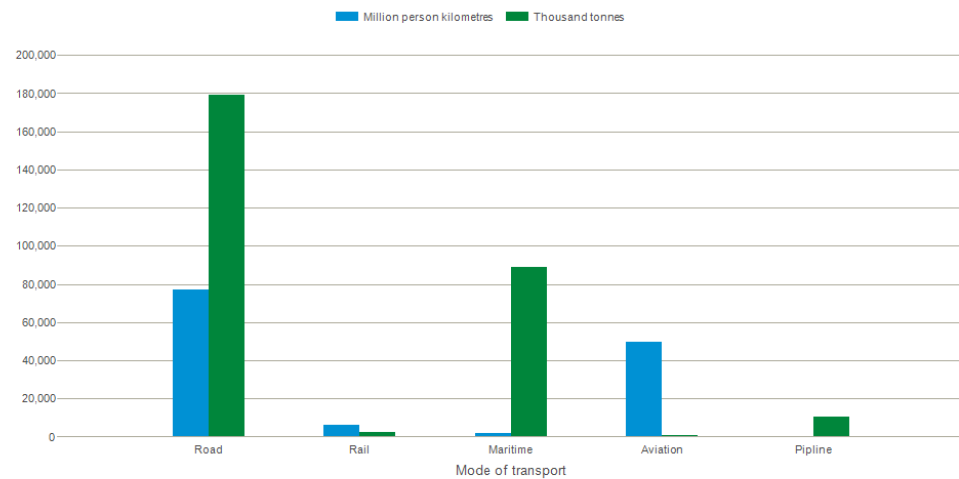
# Monitoring SDG 9.1.2: National Indicator Platforms

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### 9.1.2: Passenger and freight volumes

9.1.1 9.1.2

Passenger and freight volumes, by mode of transport



	2010	2011	2012	2013	2014	2015	2016	2017
<b>Million person kilometres</b>								
Road	70 178.0	71 025.0	70 123.0	69 864.0	71 410.0	73 840.0	76 151.0	77 318.0
Rail	6 337.0	6 366.0	6 517.0	6 551.0	6 514.0	6 507.0	6 325.0	6 281.0
Maritime	1 666.0	1 627.0	1 639.0	1 689.0	1 827.0	1 859.0	1 875.0	1 906.0
Aviation	36 858.0	38 474.0	39 703.0	41 548.0	44 092.0	45 644.0	47 339.0	49 515.0

## Denmark

- Data for five modes provided, for both passengers and goods.
- Note that goods are in tonnes and not tonne-km.



# WP.6 Work on SDG 9.1.2

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- Engagement on data sources & metadata on 9.1.2 with ICAO and ITF (co-custodians).
- **Result: Common questionnaire official statistics will be used to measure SDG 9.1.2 in 2019.**
- Input from countries requested on a better monitoring mechanism. Currently the indicator only tracks transport volumes, without any target.
- Note the E.U. approach<sup>1</sup>:

Sustainable transport		
Share of buses and trains in total passenger transport	↓	↑
Share of rail and inland waterways activity in total freight transport	↓ <sup>(?)</sup>	↓
🎯 Average CO <sub>2</sub> emissions per km from new passenger cars (*)	↑ <sup>(?)</sup>	↑

<sup>1</sup> <https://ec.europa.eu/eurostat/web/products-statistical-books/-/KS-01-18-656>



# Transport-related SDG Papers

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- In order to highlight how UNECE existing data collection can measure the SDGs, a series of descriptive papers was produced.
- Paper 1: Road safety statistics and the SDGs
- Paper 2: Bus statistics and the SDGs
- Paper 3: tonne-km statistics and the SDGs
- Paper 4: Vehicle fleet age statistics and the SDGs
- All papers available at <https://www.unece.org/trans/areas-of-work/transport-statistics/statistics-and-data-online/sdg-papers.html>.
- Comments welcome





# E-Road and E-Rail Censuses

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- Unique international traffic censuses, comparable data on traffic flows on main European roads (AGR) and rail lines (AGC). Similar coverage to TEN-T Core network.
- E-Road: For 2015, data received from 21 countries, interactive map available [unece.org/trans/main/wp6/e-roads\\_maps.html](http://unece.org/trans/main/wp6/e-roads_maps.html).
- E-Rail: map now available.
- Early discussion on whether to start a E-IWW census.
- These data have important uses in monitoring **Euro-Asian Transport Links**, and identifying **Modal shift opportunities** in specific corridors. But only if the response rate is improved.

**Rail**



**Road**



*Example: two extra 60-container trains on the route each day both ways could reduce HGV traffic by ≈8%.*

# Topics for WP.6, 12-14 June in Geneva

## INLAND TRANSPORT COMMITTEE



- Measuring SDG 3 with WHO
- Measuring 9.1.2 with ICAO, ITF and UNCTAD
- Comparability of modal split data (relevant to 9.1.2 measurement)
- Web Common Questionnaire Data Provision
- Examples of innovation in transport statistics
- Monitoring of trade in used vehicles (for impacts on environment and safety)

# WP.6, 12-14 June in Geneva: WORKSHOP (June 12, a.m.)

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- Theme: better tracking urban mobility in the context of SDG 11.2.1
- Tracking of convenient public transport access with UN HABITAT
- Metro and tram statistics currently not collated internationally
- Mixture of presentations from cities, countries and international organizations





**See you 12-14 June in Geneva.  
Thank you**

Alex Blackburn  
WP.6 Secretary  
**UNECE**

Date 18-19 April 2019, Paris

Inland Transport Committee



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