E-Rail Censuses: Update, Future Plans and Traffic Visualisation

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Overview

• E-Rail 2020 Status
• Mapping and potential improvements
• Utility of census and future plans
• Inland Waterways census activities
E-Rail Census

• Reminder: collects traffic information (trains per year, broken down by passenger and goods).
• In theory should only cover lines on the AGC network (main lines of international importance).
• Splits the network into network segment identifiers.
• Some infrastructure information (type of current etc) asked for too.
• Eurostat countries: this is covered by Annex V (ex Annex G)
E-Rail Census 2020

• Eurostat data significantly more complete and detailed for 2020. UK data combined with this. Other non-Eurostat countries: additions welcome!

• 2025 Recommendations: no changes from 2020.

[unece.org/transport/transport-statistics/e-rail-traffic-census-2020]
Visualising Inland water traffic

• WP.6 decided in 2019 to explore an E-IWW census-like exercise, but trying to use existing data sources.

• As no international IWW traffic data are available, Eurostat iww_go_atygofl origin-destination table the main source
Inland Waterway

[Map of inland waterways in Europe]

unece.org/transport/transport-statistics/e-iww-census-visualising-inland-water-volumes
E-Rail Census: Plot on to real lines too?
Uses of rail and IWW census data in UNECE

• Quantifying value of transport infrastructure
• Modal split on specific corridors and identifying modal shift opportunities (through underused lines): where can goods be taken off the road the easiest/for the most impact?
Rail and IWW Census Summary

• E-Rail census:
  • Please provide comments or approve the 2025 recommendations
  • The secretariat will try to improve results visualization. Should this include plotting straight lines onto the real network? What network to use?

• Further visualization ideas to be explored