UNECE E-Road Census and Transport Statistics Glossary

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WP.6: A forum for inland transport statistics under the Inland Transport Committee, dealing with:

- Methodology development and harmonization
- Compilation and dissemination of data for UNECE member States
- Capacity building activities
E-Road Census: a long tradition

- Unique international road census, providing comparable data on main European roads (defined in Annex I of European Agreement on Main International Traffic Arteries (AGR) of 1975 as amended
- Total length of E-Roads, by width and number of carriageways and lanes
- E-Road sections’ average annual daily traffic (AADT)
- Counting posts on E-Roads
- Distribution of motor traffic by vehicle category
- Specific usage of roads (traffic at night, holidays, peak hours)
Road Traffic: E-Road Census
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White thickness indicates HGV %. Shows the crucial goods border crossings.
Road Traffic: E-Road Census

E-Road Census: What’s needed

• Only covers the E-Road network (as defined in the AGR) – typically the top-level network

• AADT figures for each segment (defined by location of counting posts)

• Each post’s geolocation. With basic free mapping software (e.g. ArcGIS) this is easily converted to a Shape file

• Using the same posts for future censuses improves long-term comparability
Glossary Revision

- Glossary first published 1994. Joint publication with ITF and Eurostat
- Covers ALL Modes
  - Infrastructure
  - Transport equipment
  - Traffic
  - Safety
  - Ancillary topics: economic performance, employment, energy consumption
Glossary revision process

- Informal Group of Experts established under WP.6
- Experts from 13 countries, covering most modes, and many international organisations (incl. International Road Federation)
- Collaboration starting with review of existing definitions and agreeing process, meetings to follow; a long process expected
- More inputs from Road Experts welcome
Glossary revision process

New: Maritime Accidents

New: Environmental Impact

New: Passenger Mobility

Improve geographical scope

Review existing definitions
Summary


• Producing a census map isn’t complicated

• Can you contribute to the next edition of the Glossary?


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