Common Questionnaire

Data availability, quality, data streamlining

Miso LEE, UNECE
As of end of March this year, **44 countries** provided data for **CQ 2021**
- 32 countries from Eurostat (27 are EU), and 12 countries from non-Eurostat countries

39 countries provided revised/ new data for the year 2020

Road and Rail have good coverage, where as Roadvkm and buses have less
  - Difference between HEV and PHEV a challenge for some countries.

Some countries did not provide any data for the past few years (Andorra, Georgia, Kyrgyzstan, San Marino, Tajikistan, Turkmenistan). How can we help?
Common Questionnaire: Frequent mistakes

- Providing the value ‘0’ when data is, in fact, not available/not applicable.

- Providing data in wrong unit repeatedly
  - (number/thousands/millions..)
  - (often a problem for load capacity, but in other cases too)
Indicators with frequent issues/ mistakes

- Rail lines versus rail tracks
  - Lines have one or more tracks, therefore TRACKS > LINES

- Some countries have tracks=lines (unrealistic?) or tracks only slightly higher than lines (possibly unrealistic?)
Indicators with frequent issues/ mistakes

- **Load capacity of road goods vehicles**
  - Questionnaire asks for carrying capacity (in thousand tonnes), but many countries provide capacity data in wrong unit OR road vehicle fleet data instead.

- **Passenger Km**
  - The unit of passenger-km should be in millions.
  - Only include total passenger-km if it really is “total”. Some non-EU countries’ car value only includes taxis.

- **Road Vehicle-km (Road vkm)**
  - Breakdown of vehicle-km is very detailed and some indicators have poor availability.
Streamlining just for UNECE database?

- UNECE may discontinue the publication of load capacity data on our statistical database: [https://w3.unece.org/PXWeb/en](https://w3.unece.org/PXWeb/en)

- Why?
  - Data quality is sometimes questionable (wrong data, wrong unit..)
  - Data are not particularly useful with little added value.
    - i.e. Load capacity of lorries can be approximated using number of vehicles by weight category.
Ratio of lorry capacity to lorries (tonnes per vehicle).
Load capacity

Lorries with max gross wt 7 501 kg - 12 000 kg

Ratio of lorry capacity to lorries (tonnes per vehicle).
Thank you!

Miso LEE
UNECE
miso.lee@un.org