



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on Transport Statistics

##### Sixty-fifth session

Geneva, 18–20 June 2014

Item 3 (c) of the provisional agenda

#### Data collection, methodological development and harmonization of transport statistics

### Common questionnaire

#### Questionnaire on rail transport

Note by the secretariat

## I. Mandate

1. The Working Party decided to establish a Task Force with a mandate to streamline the Common questionnaire and to report to the next session of the Working Party (ECE/TRANS/WP.6/165, para. 17).

## II. Report of the Task Force

2. The Task Force on streamlining the Eurostat/ International Transport Forum/UNECE Common Questionnaire was held at the Centraal Bureau voor de Statistiek (CBS), Statistics Netherlands in The Hague (6–7 March 2014) and adopted the module on rail transport as follows:\*

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\* Track changes show the amendments as proposed by the Task Force

## Infrastructure

### Tracks

<b>200</b>	Total	Length operated at 31.12 (km)
<b>By type of traction</b>		
80	Electrified	Length operated at 31.12 (km)
120	Non electrified	Length operated at 31.12 (km)

### Lines - Length operated

<b>100</b>	Total	Length operated at 31.12 (km)
<b>By nature of traffic</b>		
20	Passenger only	Length operated at 31.12 (km)
20	Freight only	Length operated at 31.12 (km)
60	Passenger and freight	Length operated at 31.12 (km)
<b>By number of tracks</b>		
50	Single track	Length operated at 31.12 (km)
50	Double track or more	Length operated at 31.12 (km)
<b>By track gauge</b>		
80	Standard gauge	Length operated at 31.12 (km)
10	Large gauge	Length operated at 31.12 (km)
10	Narrow gauge	Length operated at 31.12 (km)
<b>By <del>maximum speed</del>type of line</b>		
10	Dedicated high speed lines	Length operated at 31.12 (km)
10	Upgraded high speed lines	Length operated at 31.12 (km)
80	Conventional lines	Length operated at 31.12 (km)

<b>Lines – Non electrified</b>
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<b>50</b>	Total	Length operated at 31.12 (km)
<b>By nature of traffic</b>		
10	Passenger only	Length operated at 31.12 (km)
10	Freight only	Length operated at 31.12 (km)
30	Passenger and freight	Length operated at 31.12 (km)
<b>By number of tracks</b>		
25	Single track	Length operated at 31.12 (km)
25	Double track or more	Length operated at 31.12 (km)
<b>By track gauge</b>		
40	Standard gauge	Length operated at 31.12 (km)
5	Large gauge	Length operated at 31.12 (km)
5	Narrow gauge	Length operated at 31.12 (km)

<b>Lines – Electrified</b>
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<b>50</b>	Total	Length operated at 31.12 (km)
<b>By nature of traffic</b>		
10	Passenger only	Length operated at 31.12 (km)
10	Freight only	Length operated at 31.12 (km)
30	Passenger and freight	Length operated at 31.12 (km)
<b>By number of tracks</b>		
25	Single track	Length operated at 31.12 (km)
25	Double track or more	Length operated at 31.12 (km)
<b>By track gauge (?) UIC?</b>		
40	Standard gauge	Length operated at 31.12 (km)
5	Large gauge	Length operated at 31.12 (km)

<b>Lines – Electrified (continued)</b>
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5	Narrow gauge	Length operated at 31.12 (km)
<b>By type of current <a href="#">(?)</a></b>		
10	50 Hz/25000 V	Length operated at 31.12 (km)
10	16 2/3 Hz/15000 V	Length operated at 31.12 (km)
5	Other alternative current	Length operated at 31.12 (km)
10	DC 3000 V	Length operated at 31.12 (km)
10	DC 1500 V	Length operated at 31.12 (km)
5	Other direct current (DC)	Length operated at 31.12 (km)

### Transport Equipment

<b>Locomotives</b>
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<b>100</b>	Total	Number at 31.12
<b>By source of power</b>		
50	Electric	Number at 31.12
50	Diesel	Number at 31.12
<b>50</b>	Total	Tractive power at 31.12 (1000 kW)
<b>By source of power</b>		
25	Electric	Tractive power at 31.12 (1000 kW)
25	Diesel	Tractive power at 31.12 (1000 kW)

<b>Railcars</b>
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<b>40</b>	Total	Number at 31.12
<b>By source of power</b>		
20	Electric	Number at 31.12
20	Diesel	Number at 31.12
<b>60</b>	Total	Tractive power at 31.12 (1000 kW)
<b>By source of power</b>		
30	Electric	Tractive power at 31.12 (1000 kW)
30	Diesel	Tractive power at 31.12 (1000 kW)

<b>Passenger railway vehicles</b>
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<b>100</b>	Total	Number at 31.12
<b>By type of vehicle</b>		
5	Couchette coaches, sleeping cars	Number at 31.12
5	Dining cars	Number at 31.12
40	Coaches	Number at 31.12
50	Passenger railcars and railcar trailers	Number at 31.12
<b>50</b>	Total	Number of seats and berths [II-11] at 31.12 (1000)
<b>By category of seats or berths</b>		
30	Seats	Number of seats and berths [II-11] at 31.12 (1000)
20	Berths (couchettes and sleeping cars)	Number of seats and berths [II-11] at 31.12 (1000)
<b>By type of vehicle</b>		
40	Coaches	Number of seats and berths [II-11] at 31.12 (1000)
10	Passenger railcars and railcar trailers	Number of seats and berths [II-11] at 31.12 (1000)

<b>Vans</b>
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<b>10</b>	Total	Number at 31.12
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<b>Wagons</b>
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<b>100</b>	Total	Number at 31.12
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<b>By type of wagon</b>		
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20	Covered wagons	Number at 31.12
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20	High sided wagons	Number at 31.12
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20	Flat wagons	Number at 31.12
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20	Wagons for intermodal transport	Number at 31.12
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20	Other wagons	Number at 31.12
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<b>50</b>	Total	Capacity [II-25] at 31.12 (1000 tonnes)
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<b>By type of wagon</b>		
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10	Covered wagons	Capacity [II-25] at 31.12 (1000 tonnes)
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10	High sided wagons	Capacity [II-25] at 31.12 (1000 tonnes)
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10	Flat wagons	Capacity [II-25] at 31.12 (1000 tonnes)
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10	Wagons for intermodal transport	Capacity [II-25] at 31.12 (1000 tonnes)
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10	Other wagons	Capacity [II-25] at 31.12 (1000 tonnes)
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<b>Trainsets</b>
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<b>100</b>	Total	Number at 31.12
<b>By <del>speed</del> type of trainset</b>		
20	High speed trainset	Number at 31.12
20	High speed tilting trainset	Number at 31.12
60	Conventional trainset	Number at 31.12
<b>50</b>	Total	Number of seats and berths [II-11] at 31.12 (1000)
<b>By <del>type of trainset</del> speed</b>		
10	High speed trainset	Number of seats and berths [II-11] at 31.12 (1000)
10	High speed tilting trainset	Number of seats and berths [II-11] at 31.12 (1000)
30	Conventional trainset	Number of seats and berths [II-11] at 31.12 (1000)

## Enterprises, economic performance and employment

<b>Railway enterprises</b>
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<b>10</b>	Total	Number of enterprises 31.12
<b>By type of enterprise</b>		
3	Railway undertaking	Number of enterprises 31.12
3	Infrastructure manager	Number of enterprises 31.12
4	Integrated company	Number of enterprises 31.12

<b>Employment in railway enterprises</b>
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<b>20</b>	Total	Number of employees at 31.12
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<b>By gender</b>		
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5	Female	Number of employees at 31.12
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15	Male	Number of employees at 31.12
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<b>Investment and maintenance in rolling railway stocks</b>
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<b>100</b>	Investment and maintenance expenditure in rolling stock in railway enterprises (Total)	Amount of the year (national currency; millions)
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<b>By expenditure type</b>		
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40	Investment expenditure in rolling stock in railway enterprises	Amount of the year (national currency; millions)
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60	Maintenance expenditure in in rolling stock in railway enterprises	Amount of the year (national currency; millions)
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<b>Investment and maintenance in railway infrastructure</b>
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<b>50</b>	Investment and maintenance expenditure in infrastructure in railway enterprises (Total)	Amount of the year (national currency; millions)
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<b>By expenditure type</b>		
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35	Investment expenditure in infrastructure in railway enterprises	Amount of the year (national currency; millions)
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15	Maintenance expenditure in infrastructure in railway enterprises	Amount of the year (national currency; millions)
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## Traffic

### Trains movements

100	Total	Train-km [IV-07] (1000)
<b>By type of <del>motor</del> tractive vehicle and source of power</b>		
30	Electric locomotives	Train-km [IV-07] (1000)
30	Diesel locomotives	Train-km [IV-07] (1000)
20	Electric railcars	Train-km [IV-07] (1000)
20	Diesel railcars	Train-km [IV-07] (1000)

### Passenger trains movements

50	Total	Train-km [IV-07] (1000)
<b>By type of <del>motor</del> tractive vehicle and source of power</b>		
15	Electric locomotives	Train-km [IV-07] (1000)
15	Diesel locomotives	Train-km [IV-07] (1000)
10	Electric railcars	Train-km [IV-07] (1000)
10	Diesel railcars	Train-km [IV-07] (1000)
<b>By speedtype of train</b>		
10	High speed trains	Train-km [IV-07] (1000)
10	High speed tilting trains	Train-km [IV-07] (1000)
30	Conventional trains	Train-km [IV-07] (1000)

### Goods trains movements

40	Total	Train-km [IV-07] (1000)
<b>By type of tractive <del>motor</del> vehicle and source of power</b>		
10	Electric locomotives	Train-km [IV-07] (1000)
10	Diesel locomotives	Train-km [IV-07] (1000)

<b>Goods trains movements (continued)</b>
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10	Electric railcars	Train-km [IV-07] (1000)
10	Diesel railcars	Train-km [IV-07] (1000)

<b>Other trains movements</b>
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10	Total	Train-km [IV-07] (1000)
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<b>Hauled vehicle movements</b>
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40	Total	Gross-tonne-km (millions) [IV-14]
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<b>By type of <del>tractive motor</del> vehicle and source of power</b>		
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10	Electric locomotives	Gross-tonne-km (millions) [IV-14]
10	Diesel locomotives	Gross-tonne-km (millions) [IV-14]
10	Electric railcars	Gross-tonne-km (millions) [IV-14]
10	Diesel railcars	Gross-tonne-km (millions) [IV-14]

<b>Hauled vehicle movements in passenger (and mixed) trains*</b>
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40	Total	Gross-tonne-km (millions) [IV-14]
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<b>By type of <del>tractive motor</del> vehicle and source of power</b>		
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10	Electric locomotives	Gross-tonne-km (millions) [IV-14]
10	Diesel locomotives	Gross-tonne-km (millions) [IV-14]
10	Electric railcars	Gross-tonne-km (millions) [IV-14]
10	Diesel railcars	Gross-tonne-km (millions) [IV-14]

<b>Hauled vehicle movements in goods (and mixed) trains*</b>
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<b>40</b>	Total	Gross-tonne-Km (millions) [IV-14]
<b>By type of <del>tractive motor</del> vehicle and source of power</b>		
10	Electric locomotives	Gross-tonne-km (millions) [IV-14]
10	Diesel locomotives	Gross-tonne-km (millions) [IV-14]
10	Electric railcars	Gross-tonne-km (millions) [IV-14]
10	Diesel railcars	Gross-tonne-km (millions) [IV-14]

<b>Hauled vehicle movements in other trains</b>
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<b>10</b>	Total	Gross-tonne-km (millions) [IV-14]
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<b>Hauled vehicle movements <del>by type of hauled vehicle</del></b>
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<b>100</b>	Total	Hauled vehicle-km (millions) [IV-9]
<b>By type of hauled vehicle</b>		
40	Passenger railway vehicles	Hauled vehicle-km (millions) [IV-9]
20	Vans	Hauled vehicle-km (millions) [IV-9]
<b>40</b>	Wagons	Hauled vehicle-km (millions) [IV-9]
<b>By status of wagon*</b>		
35	Loaded wagons	Hauled vehicle-km (millions) [IV-9]
5	Empty wagons	Hauled vehicle-km (millions) [IV-9]

<b><del>Hauled vehicle movements—seats km and tonnes km offered</del></b>
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<b>100</b>	Total	<del>Seats km offered (millions) [IV-12]</del>
<b>By speed</b>		
20	High speed trains	<del>Seats km offered (millions) [IV-12]</del>

20	High speed tilting trains	Seats-km offered (millions) [IV-12]
60	Conventional trains	Seats-km offered (millions) [IV-12]
50	Total	Tonnes-km offered (millions) [IV-10]

## Transport measurement

### Passenger transport

100	Total	Number of passengers (1000)
<b>By type of transport</b>		
70	National transport	Number of passengers (1000)
30	International transport	Number of passengers (1000)
<b>By speed type of train</b>		
10	High speed trains	Number of passengers (1000)
10	High speed tilting trains	Number of passengers (1000)
80	Conventional trains	Number of passengers (1000)
50	Total	Number of passenger-km [V-08] (millions)
<b>By type of transport</b>		
20	National transport	Number of passenger-km [V-08] (millions)
30	International transport	Number of passenger-km [V-08] (millions)
<b>By type of trainspeed</b>		
10	High speed trains	Number of passenger-km [V-08] (millions)
10	High speed tilting trains	Number of passenger-km [V-08] (millions)
30	Conventional trains	Number of passenger-km [V-08] (millions)

<b>Goods transport – by consignment and by type of transport</b>
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<b>50</b>	<u>Total</u>	<u>Tonnes (1000)</u>
	<b><u>By type of consignment</u></b>	
<u>20</u>	<u>Full train load</u>	<u>Tonnes (1000)</u>
<u>20</u>	<u>Full wagon load</u>	<u>Tonnes (1000)</u>
<u>10</u>	<u>Smalls</u>	<u>Tonnes (1000)</u>
	<b><u>By type of transport</u></b>	
<u>20</u>	<u>National transport</u>	<u>Tonnes (1000)</u>
<u>10</u>	<u>International transport - loaded</u>	<u>Tonnes (1000)</u>
<u>10</u>	<u>International transport - unloaded</u>	<u>Tonnes (1000)</u>
<u>10</u>	<u>Transit by rail throughout</u>	<u>Tonnes (1000)</u>
<b>100</b>	<b>Total</b>	<b>Tonnes (1000)</b>
	<b><u>By type of consignment</u></b>	
<u>40</u>	<u>Full train load</u>	<u>Tonnes (1000)</u>
<u>30</u>	<u>Full wagon load</u>	<u>Tonnes (1000)</u>
<u>30</u>	<u>Smalls</u>	<u>Tonnes (1000)</u>
<b>40</b>	<b>National transport</b>	<b>Tonnes (1000)</b>
	<b><u>By type of consignment</u></b>	
<u>20</u>	<u>Full train load</u>	<u>Tonnes (1000)</u>
<u>10</u>	<u>Full wagon load</u>	<u>Tonnes (1000)</u>
<u>10</u>	<u>Smalls</u>	<u>Tonnes (1000)</u>
<b>20</b>	<b>International transport – loaded</b>	<b>Tonnes (1000)</b>
	<b><u>By type of consignment</u></b>	
<u>10</u>	<u>Full train load</u>	<u>Tonnes (1000)</u>
<u>5</u>	<u>Full wagon load</u>	<u>Tonnes (1000)</u>
<u>5</u>	<u>Smalls</u>	<u>Tonnes (1000)</u>

<b>Goods transport – by consignment and by type of transport (continued)</b>
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<b>20</b>	<b>International transport – unloaded</b>	<b>Tonnes (1000)</b>
	<b>By type of consignment</b>	
10	Full train load	Tonnes (1000)
5	Full wagon load	Tonnes (1000)
5	Smalls	Tonnes (1000)
<b>20</b>	<b>Transit by rail throughout</b>	<b>Tonnes (1000)</b>
	<b>By type of consignment</b>	
10	Full train load	Tonnes (1000)
5	Full wagon load	Tonnes (1000)
5	Smalls	Tonnes (1000)
<b>50</b>	<b>Total</b>	<b>Tonnes-km (millions) [V-19]</b>
	<b>By type of consignment</b>	
20	Full train load	Tonnes-km (millions) [V-19]
20	Full wagon load	Tonnes-km (millions) [V-19]
10	Smalls	Tonnes-km (millions) [V-19]
	<b>By type of transport</b>	
20	National transport	Tonnes-km (millions) [V-19]
10	International transport - loaded	Tonnes-km (millions) [V-19]
10	International transport - unloaded	Tonnes-km (millions) [V-19]
10	Transit by rail throughout	Tonnes-km (millions) [V-19]

<b>National goods transport by distance moved</b>
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<b>100</b>	Total	Tonnes (1000)
<b>By distance <a href="#">class</a> moved</b>		
10	0-49 km	Tonnes (1000)
10	50-149 km	Tonnes (1000)
10	150-299 km	Tonnes (1000)
30	300-499 km	Tonnes (1000)
40	500 km and more	Tonnes (1000)
<b>50</b>	Total	Tonnes-km (millions) [V-19]
<b>By distance <a href="#">class</a> moved</b>		
5	0-49 km	Tonnes-km (millions) [V-19]
5	50-149 km	Tonnes-km (millions) [V-19]
5	150-299 km	Tonnes-km (millions) [V-19]
15	300-499 km	Tonnes-km (millions) [V-19]
20	500 km and more	Tonnes-km (millions) [V-19]