



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on Transport Statistics

##### **Sixty-sixth session**

Geneva, 17–19 June 2015

Item 3 (c) of the provisional agenda

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

### **Common questionnaire**

#### **Questionnaire on inland waterways, oil pipelines and gas pipelines**

Note by the secretariat

## **I. Mandate**

This document is submitted in line with cluster 13: Transport Statistics, paragraph 13.1 of the programme of work 2014–2015 (ECE/TRANS/240, para. 100, ECE/TRANS/2014/23) adopted by the Inland Transport Committee on 27 February 2014.

## II. Inland waterways

### A. Infrastructure

<b>Navigable inland waterways</b>		
<b>100</b>	Length - Total	Length at 31.12 (km)
<b>By waterway types</b>		
111	Canals	Length at 31.12 (km)
112	Navigable rivers and lakes	Length at 31.12 (km)
<b>By horizontal dimensions of vessels and pushed convoys</b>		
113	I to III (Up to 80/9 m)	Length at 31.12 (km)
114	IV (80–85/9.50 m)	Length at 31.12 (km)
115	V a (95–110/11.40 m)	Length at 31.12 (km)
116	V b (172–175/11.40 m)	Length at 31.12 (km)
117	VI a (95–110/22.80 m)	Length at 31.12 (km)
118	VI b (185–195/22.80 m)	Length at 31.12 (km)
119	VI c (270–280/22.80 or 195–200/33–34.20 m)	Length at 31.12 (km)
120	VII (285/33–34.20 m and over)	Length at 31.12 (km)

### B. Transport Equipment

<b>Self-propelled vessels</b>		
<b>100</b>	Self-propelled - Total	Number at 31.12
<b>By year of construction</b>		
111	Up to 1974	Number at 31.12
112	1975–1999	Number at 31.12
113	2000 and later	Number at 31.12
<b>By carrying capacity of vessels</b>		
114	Up to 999 tonnes	Number at 31.12
115	1000–2999 tonnes	Number at 31.12
116	3000 tonnes and over	Number at 31.12

<b>Self-propelled vessels (continued)</b>	Carrying capacity (1000 Tonnes)
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120	Self-propelled - Total	Carrying capacity (1000 Tonnes)
<b>By year of construction</b>		
121	Up to 1974	Carrying capacity (1000 Tonnes)
122	1975–1999	Carrying capacity (1000 Tonnes)
123	2000 and later	Carrying capacity (1000 Tonnes)
<b>By carrying capacity of vessels</b>		
124	Up to 999 tonnes	Carrying capacity (1000 Tonnes)
125	1000–2999 tonnes	Carrying capacity (1000 Tonnes)
126	3000 tonnes and over	Carrying capacity (1000 Tonnes)

<b>Self-propelled vessels (continued)</b>	Power at 31.12 (1000 kW)
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130	Self-propelled - Total	Power at 31.12 (1000 kW)
<b>By year of construction</b>		
131	Up to 1974	Power at 31.12 (1000 kW)
132	1975–1999	Power at 31.12 (1000 kW)
133	2000 and later	Power at 31.12 (1000 kW)
<b>By carrying capacity of vessels</b>		
134	Up to 999 tonnes	Power at 31.12 (1000 kW)
135	1000–2999 tonnes	Power at 31.12 (1000 kW)
136	3000 tonnes and over	Power at 31.12 (1000 kW)

<b>Dumb and pushed vessels</b>
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<b>200</b>	<b>Dumb and pushed vessels - Total</b>	Number at 31.12
211	Up to 999 tonnes	Number at 31.12
212	1000–2999 tonnes	Number at 31.12
213	3000 tonnes and over	Number at 31.12

Carrying capacity (1000 Tonnes)		
220	Dumb and pushed vessels - Total	Number at 31.12
221	Up to 999 tonnes	Number at 31.12
222	1000–2999 tonnes	Number at 31.12
223	3000 tonnes and over	Number at 31.12

<b>Tugs and pushers</b>
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<b>300</b>	<b>Tugs and pushers - Total</b>	Number at 31.12
<b>By year of construction</b>		
311	Up to 1974	Number at 31.12
312	1975–1999	Number at 31.12
313	2000 and later	Number at 31.12
<b>Power at 31.12 (1000 kW)</b>		
320	Tugs and pushers - Total	Power at 31.12 (1000 kW)
<b>By year of construction</b>		
321	Up to 1974	Power at 31.12 (1000 kW)
322	1975–1999	Power at 31.12 (1000 kW)
323	2000 and later	Power at 31.12 (1000 kW)

### C. Enterprises, economic performance and employment

<b>Investment and maintenance expenditure in vessels in Goods Inland Waterway Transport Enterprises (GIWTE)</b>
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<b>100</b>	<b>Expenditure in goods vessels - Total</b>	Million national currency; current prices
<b>By expenditure type</b>		
111	Investment expenditure	Million national currency; current prices
112	Maintenance expenditure	Million national currency; current prices

<b>Investment and maintenance expenditure in inland waterways transport infrastructure</b>
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<b>200</b>	<b>Expenditure in infrastructure (Total)</b>	Million national currency; current prices
<b>By expenditure type</b>		
211	Investment expenditure	Million national currency; current prices
212	Maintenance expenditure	Million national currency; current prices

#### D. Transport Measurement

<b>Goods transport on national territory, all vessels irrespective of the country of registration</b>
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<b>100</b>	<b>Goods transported - Total</b>	Tonnes (1000)
<b>By type of propulsion</b>		
111	Push/tow	Tonnes (1000)
112	Self-propelled	Tonnes (1000)

<b>By type of transport</b>		
113	National	Tonnes (1000)
114	International: loaded in the country	Tonnes (1000)
115	International: unloaded in the country	Tonnes (1000)
116	Transit by inland waterway transport throughout	Tonnes (1000)
<b>Goods transported (continued) Tonnes-km (millions)</b> (Kilometres run within the territory of the reporting country)		
120	Goods transported - Total	Tonnes-km (millions)
<b>By type of propulsion</b>		
121	Push/tow	Tonnes-km (millions)
122	Self-propelled	Tonnes-km (millions)
<b>By type of transport</b>		
123	National	Tonnes-km (millions)
124	International: loaded in the country	Tonnes-km (millions)
125	International: unloaded in the country	Tonnes-km (millions)
126	Transit by inland waterway transport throughout	Tonnes-km (millions)
<b>National goods transport, all vessels irrespective of the country of registration</b>		
<b>200</b>	<b>Goods transported - Total</b>	<b>Tonnes (1000)</b>
<b>By range of distance moved</b>		
211	0-49 km	Tonnes (1000)
212	50-149 km	Tonnes (1000)
213	150-299 km	Tonnes (1000)
214	300-499 km	Tonnes (1000)
215	500 km and more	Tonnes (1000)
<b>Goods transported (continued) Tonnes-km (millions)</b> (Kilometres run within the territory of the reporting country)		
220	Goods transported - Total	Tonnes-km (millions)

<b>By range of distance moved</b>		
221	0-49 km	Tonnes-km (millions)
222	50-149 km	Tonnes-km (millions)
223	150-299 km	Tonnes-km (millions)
224	300-499 km	Tonnes-km (millions)
225	500 km and more	Tonnes-km (millions)

<b>Rhine transport at the German-Dutch frontier (Emmerich-Lobith) *</b>
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<b>300</b>	<b>Goods transported - Total</b>	Tonnes (1000)
<b>By sense: Upstream</b>		
310	Upstream - Total	Tonnes (1000)
<b>By propulsion</b>		
311	Push/tow	Tonnes (1000)
312	Self-propelled	Tonnes (1000)
<b>By sense: Downstream</b>		
320	Downstream - Total	Tonnes (1000)
<b>By propulsion</b>		
321	Push/tow	Tonnes (1000)
322	Self-propelled	Tonnes (1000)

\* Only applicable for Germany and the Netherlands.

### III. Oil pipelines

#### E. Infrastructure/Transport Equipment

Oil pipelines operated		
<b>100</b>	<b>Length: Total</b>	Length at 31.12 (km)
	<b>Tonnes/day (1000)</b>	
<b>200</b>	<b>Carrying capacity: Total</b>	Tonnes/day (1000)

#### F. Enterprises, economic performance and employment

Investment and maintenance in oil pipeline infrastructure		
<b>100</b>	<b>Expenditure - Total</b>	Million national currency; current prices
	<b>By nature of expenditure</b>	
111	Investment expenditure in oil pipeline infrastructure	Million national currency; current prices
112	Maintenance expenditure in oil pipeline infrastructure	Million national currency; current prices



## G. Traffic/Transport measurement

### Oil pipeline transport within the national territory

<b>100</b>	<b>Oil pipeline transport - Total</b>	Tonnes (1000)
	<b>By type of transport operation</b>	
111	National transport	Tonnes (1000)
112	International transport – Oil delivered	Tonnes (1000)
113	International transport – Oil received	Tonnes (1000)
114	Transit throughput	Tonnes (1000)
	<b>Refined petroleum product</b>	
120	Refined petroleum products: Total	Tonnes (1000)
	<b>By type of transport operation</b>	
121	National transport	Tonnes (1000)
122	International transport – Products delivered	Tonnes (1000)
123	International transport – Products received	Tonnes (1000)
124	Transit throughput	Tonnes (1000)
	<b>Crude oil</b>	
130	Crude oil: Total	Tonnes (1000)
	<b>By type of transport operation</b>	
131	National transport	Tonnes (1000)
132	International transport – Crude oil delivered	Tonnes (1000)
133	International transport – Crude oil received	Tonnes (1000)
134	Transit throughput	Tonnes (1000)

<b>Oil pipeline transport within the national territory (continued) – Tonnes-kilometres</b>		
140	Oil pipeline transport - Total	Tonnes-km (Mio)
<b>By type of transport operation</b>		
141	National transport	Tonnes-km (Mio)
142	International transport – Oil delivered	Tonnes-km (Mio)
143	International transport – Oil received	Tonnes-km (Mio)
144	Transit throughput	Tonnes-km (Mio)
<b>Refined petroleum products</b>		
150	Refined petroleum products: Total	Tonnes-km (Mio)
<b>By type of transport operation</b>		
151	National transport	Tonnes-km (Mio)
152	International transport – Products delivered	Tonnes-km (Mio)
153	International transport – Products received	Tonnes-km (Mio)
154	Transit throughput	Tonnes-km (Mio)
<b>Crude oil</b>		
160	Crude oil: Total	Tonnes-km (Mio)
<b>By type of transport operation</b>		
161	National transport	Tonnes-km (Mio)
162	International transport – Crude oil delivered	Tonnes-km (Mio)
163	International transport – Crude oil received	Tonnes-km (Mio)
164	Transit throughput	Tonnes-km (Mio)

## IV. Gas pipelines

### H. Infrastructure/Transport Equipment

Gas pipelines operated		
<b>100</b>	<b>Length - Total</b>	Length at 31.12 (km)
	<b>1000 tonnes / day</b>	
<b>200</b>	<b>Carrying capacity: Total</b>	1000 tonnes / day

### I. Enterprises, economic performance and employment

Investment and maintenance in gas pipeline infrastructure		
<b>100</b>	<b>Expenditure - Total</b>	Million national currency; current prices
	<b>By nature of expenditure</b>	
111	Investment expenditure in gas pipeline infrastructure	Million national currency; current prices
112	Maintenance expenditure in gas pipeline infrastructure	Million national currency; current prices

**J. Traffic/Transport measurement**

<b>Gas pipeline transport within the national territory</b>		
<b>Tonnes (1000)*</b>		
<b>100</b>	<b>Gas pipeline transport - Total</b>	Tonnes (1000)
<b>By type of transport operation</b>		
111	National transport	Tonnes (1000)
112	International transport – Gas delivered	Tonnes (1000)
113	International transport – Gas received	Tonnes (1000)
114	Transit throughput	Tonnes (1000)
<b>Tonnes-km (Mio)</b>		
<b>120</b>	<b>Gas pipeline transport - Total</b>	Tonnes-km (Mio)
<b>By type of transport operation</b>		
121	National transport	Tonnes-km (Mio)
122	International transport – Gas delivered	Tonnes-km (Mio)
123	International transport – Gas received	Tonnes-km (Mio)
124	Transit throughput	Tonnes-km (Mio)

\* To convert natural gas from cubic meters (M3) to metric tons, countries should use the calorific values of natural gas to convert cubic meters into joule and then into tonnes. These conversion factors exist in countries' own energy balances.