

### Controls and autosums in questionnaire: Railway transport (quarter)

Code of the questionnaire: 11492022  
Periodicity: Quarterly

Is submitted: 1st quarter – 25.04.2022; 2nd quarter – 25.07.2022; 3rd quarter – 25.10.2022; 4th quarter – 25.01.2023

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A field with a grey background has been automatically filled online. The data in this field cannot be changed, they are visible after saving.  
If the data you entered are inconsistent internally or with the prefilled data, an error message appears upon checking. If errors (warnings) appear, check the data carefully and make corrections.  
In the case of warnings (if you are sure that the data you entered are correct), click on “Confirm warnings” button and confirm the questionnaire.

Mandatory fields in the questionnaire are marked with a red asterisk.

## CONTROLS

### Controls in table 1. CARRIAGE OF PASSENGERS

Control ID	Control formula	Clarification	Type of error
1788	$\{TS1\_011\}=0$ JA $\{TS1\_021\}=0$ VÕI $\{TS1\_011\}>0$ JA $\{TS1\_021\}>0$	Empty field. If the total number of passengers (column 1 row 1) has been marked, also fill in total passenger traffic volume (column 1 row 2).	Error
1789	$\{TS1\_012\}=0$ JA $\{TS1\_022\}=0$ VÕI $\{TS1\_012\}>0$ JA $\{TS1\_022\}>0$	Empty field. If the number of passengers in national traffic (column 2 row 1) has been marked, also fill in passenger traffic volume in national traffic (column 2 row 2).	Error
1790	$\{TS1\_013\}=0$ JA $\{TS1\_023\}=0$ VÕI $\{TS1\_013\}>0$ JA $\{TS1\_023\}>0$	Empty field. If the number of passengers in international traffic (column 3 row 1) has been marked, also fill in passenger traffic volume in international traffic (column 3 row 2).	Error
25795	$\{TSRT11\_023\}>0$ JA $\{TSRT11\_024\}>0$ VÕI $\{TSRT11\_023\}=0$ JA $\{TSRT11\_024\}=0$	Empty field. If the number of passengers in international traffic Russia-Estonia (column 5 row 1) has been marked, also fill in passenger traffic volume in international traffic Russia-Estonia (column 5 row 2).	Error
25796	$\{TSRT11\_013\}>0$ JA $\{TSRT11\_014\}>0$ VÕI $\{TSRT11\_013\}=0$ JA $\{TSRT11\_014\}=0$	Empty field. If the number of passengers in international traffic Estonia-Russia (column 4 row 1) has been marked, also fill in passenger traffic volume in international traffic Estonia-Russia (column 4 row 2).	Error
28128	$\{TS1\_012\} + \{TSRT11\_013\} + \{TSRT11\_023\} + \{TS2\_012\} + \{TS2\_013\} + \{TS2\_014\} + \{TS2\_015\} \neq 0$	Please check the data. The number of passengers and/or quantity of goods transported must be greater than 0. Please make sure that the entered values are correct. If no transport took place, add comment on the period.	Warning
30663	$KUI(\{TS1\_012\}>0$ JA $\{TS1\_022\}>0)$ , $SIIS(\{TS1\_022\}/\{TS1\_012\} \geq 1)$	The average length of journey cannot be less than 1 km. Please check the data in the second column.	Error
30664	$KUI(\{TSRT11\_013\}>0$ JA $\{TSRT11\_014\}>0)$ , $SIIS(\{TSRT11\_014\}/\{TSRT11\_013\} \geq 1)$	The average length of journey cannot be less than 1 km. Please check the data in the fourth column.	Error
30665	$KUI(\{TSRT11\_023\}>0$ JA $\{TSRT11\_024\}>0)$ , $SIIS(\{TSRT11\_024\}/\{TSRT11\_023\} \geq 1)$	The average length of journey cannot be less than 1 km. Please check the data in the fifth column.	Error
30674	$KUI(\{TS1\_013\}>0$ JA $\{TS1\_023\}>0$ JA $\{TS1\_023\}/\{TS1\_013\} \geq 1)$ , $SIIS(BETWEEN((\{TSRT11\_014\} + \{TSRT11\_024\})/(\{TSRT11\_013\} + \{TSRT11\_023\}), 100, 200))$	Unusual average length of journey. Usually 100-200 km. If the number of passengers for Russia-Estonia and Estonia-Russia (column 4 row 1, column 5 row 1) and passenger turnover (column 4 row 2, column 5 row 2) are indicated, make sure that the average length of journey is 100-200 km.	Warning
30675	$KUI(\{TS1\_012\}>1$ JA $\{TS1\_022\}>1$ JA	Unusual average length of journey. Usually 10-100 km. If the number of passengers (column 2 row 1) and	Warning

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	$\frac{((TS1\_022)/(TS1\_012) \geq 1), SIIS(BETWEEN((TS1\_022)/(TS1\_012), 10, 100))}$	passenger turnover (column 2 row 2) are indicated, make sure that the average length of journey in domestic traffic is 10-100 km.	
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### Controls in table 2.1. CARRIAGE OF GOODS BY GROUP OF GOODS

Control ID	Control formula	Clarification	Type of error
1851	$KUI\{TSRT21\_6\} > 0, SIIS\{TSRT21\_1\} > 0$	Empty field. If freight turnover (Table 2.1 column 6) has been marked, also fill in total freight transported (Table 2.1 column 1).	Error
1852	$\{TSRT21\_1\} > 0 JA \{TSRT21\_6\} > 0 VÕI \{TSRT21\_1\} = 0 JA \{TSRT21\_6\} = 0$	Empty field. If total freight transported (Table 2.1 column 1) has been marked, also fill in freight turnover (Table 2.1 column 6).	Error
21494	$KUI\{TSTSK\} \neq NULL, SIIS\{TSRT21\_2\} + \{TSRT21\_3\} + \{TSRT21\_4\} + \{TSRT21\_5\} + \{TSRT21\_6\} > 0$	If the group of goods has been marked, also fill in total freight in that group of goods or delete the entry.	Error

### Controls in table 2. CARRIAGE OF GOODS

Control ID	Control formula	Clarification	Type of error
1791	$\{TS2\_011\} = 0 JA \{TS2\_021\} = 0 VÕI \{TS2\_011\} > 0 JA \{TS2\_021\} > 0$	Empty field. If the total freight transported (column 1 row 1) has been marked, also fill in total freight turnover (column 1 row 2).	Error
1792	$\{TS2\_012\} = 0 JA \{TS2\_022\} = 0 VÕI \{TS2\_012\} > 0 JA \{TS2\_022\} > 0$	Empty field. If freight transported in national traffic (column 1 row 1) has been marked, also fill in freight turnover in national traffic (column 2 row 2).	Error
1793	$\{TS2\_013\} = 0 JA \{TS2\_023\} = 0 VÕI \{TS2\_013\} > 0 JA \{TS2\_023\} > 0$	Empty field. If freight transported to abroad (column 3 row 1) has been marked, also fill in freight turnover to abroad (column 3 row 2).	Error
1823	$\{TS2\_015\} = 0 JA \{TS2\_025\} = 0 VÕI \{TS2\_015\} > 0 JA \{TS2\_025\} > 0$	Empty field. If freight in transit (column 5 row 1) has been marked, also mark the freight turnover of goods in transit (column 5 row 2).	Error
30666	$KUI\{TS2\_012\} > 0 JA \{TS2\_022\} > 0, SIIS\{TS2\_022\}/\{TS2\_012\} \geq 1$	The average length of journey cannot be less than 1 km. Please check the data in the second column.	Error
30667	$KUI\{TS2\_013\} > 0 JA \{TS2\_023\} > 0, SIIS\{TS2\_023\}/\{TS2\_013\} \geq 1$	The average length of journey cannot be less than 1 km. Please check the data in the third column.	Error
30668	$KUI\{TS2\_014\} > 0 JA \{TS2\_024\} > 0, SIIS\{TS2\_024\}/\{TS2\_014\} \geq 1$	The average length of journey cannot be less than 1 km. Please check the data in the fourth column.	Error
30669	$KUI\{TS2\_015\} > 0 JA \{TS2\_025\} > 0, SIIS\{TS2\_025\}/\{TS2\_015\} \geq 1$	The average length of journey cannot be less than 1 km. Please check the data in the fifth column.	Error
30670	$KUI\{TS2\_015\} > 0 JA \{TS2\_025\} > 0, SIIS(BETWEEN(\{TS2\_025\}/\{TS2\_015\}, 1, 330))$	Unusual transport distance. Usually 1-330 km. If freight (column 5 row 1) and freight turnover (column 5 row 2) are indicated, make sure that the average transport distance for transit goods is 1-330 km.	Warning
30671	$KUI\{TS2\_014\} > 0 JA \{TS2\_024\} > 0, SIIS(BETWEEN(\{TS2\_024\}/\{TS2\_014\}, 1, 330))$	Unusual transport distance. Usually 1-330 km. If freight (column 4 row 1) and freight turnover (column 4 row 2) are indicated, make sure that the average transport distance from abroad is 1-330 km.	Warning
30672	$KUI\{TS2\_013\} > 0 JA \{TS2\_023\} > 0, SIIS(BETWEEN(\{TS2\_023\}/\{TS2\_013\}, 1, 330))$	Unusual transport distance. Usually 1-330 km. If freight (column 3 row 1) and freight turnover (column 3 row 2) are indicated, make sure that the average transport distance to abroad is 1-330 km.	Warning
30673	$KUI\{TS2\_012\} > 0 JA \{TS2\_022\} > 0, SIIS(BETWEEN(\{TS2\_022\}/\{TS2\_012\}, 1, 330))$	Unusual transport distance. Usually 1-330 km. If freight (column 5 row 1) and freight turnover (column 5 row 2) are indicated, make sure that the average transport distance for domestic transport is 1-330 km.	Warning

### Controls in table 3. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE (only for the 3rd quarter; incl. for preparing the data)

Control ID	Control formula	Clarification	Type of error
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20510	{TAITMISEAEGMINUTIT}<=59	Maximum permitted value is 59 minutes. Time exceeding 60 minutes shall be indicated in hours and minutes.	Error
20511	{TAITMISEAEGTUNDI}+{TAITMISEAEGMINUTIT}>0	The time spent on filling in the questionnaire must be recorded and the sum of hours and minutes must be more than 0. The time spent means time spent by all employees to read questionnaire instructions, collect and prepare data and fill in the questionnaire.	Error
20512	{TAITMISEAEGTUNDI}<=999	Maximum permitted value is 999 hours.	Error

### Controls across tables

Control ID	Control formula	Clarification	Type of error
20867	KUI((TS2_012)+{TS2_013}+{TS2_014}+{TS2_015})>0), SIIS(TABEL(37892786))	Empty field. If total freight transported (Table 2) has been marked, also fill in carriage of goods by group of goods (Table 2.1).	Error

## AUTOSUMS

### Autosums in table 1. CARRIAGE OF PASSENGERS

Row name	Column name	Formula	Clarification
Number of passengers, thousand passengers	Total	{TS1_012}+{TS1_013}	
Number of passengers, thousand passengers	incl. in international traffic	{TSRT11_013}+{TSRT11_023}	
Passenger traffic volume, thousand passenger-km	Total	{TS1_022}+{TS1_023}	
Passenger traffic volume, thousand passenger-km	incl. in international traffic	{TSRT11_014}+{TSRT11_024}	
Average length of a journey, km	Total	{TS1_021}/{TS1_011}	
Average length of a journey, km	incl. in national traffic	{TS1_022}/{TS1_012}	
Average length of a journey, km	incl. in international traffic	{TS1_023}/{TS1_013}	
Average length of a journey, km	..Estonia – Russia	{TSRT11_014}/{TSRT11_013}	
Average length of a journey, km	..Russia - Estonia	{TSRT11_024}/{TSRT11_023}	

### Autosums in table 2.1. CARRIAGE OF GOODS BY GROUP OF GOODS

Row name	Column name	Formula	Clarification
	Total freight transport of the group of goods, thousand	{TSRT21_2}+{TSRT21_3}+{TSRT21_4}+{TSRT21_5}	Column 1 (Total) must be a sum of columns 2, 3, 4 and 5 (summed up automatically if filled in online).

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	tonnes	
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### Autosums in table 2. CARRIAGE OF GOODS

Row name	Column name	Formula	Clarification
Total freight, thousand tonnes	Total	{TS2_012}+{TS2_013}+{TS2_014}+{TS2_015}	Column 1 (Total) must be a sum of columns 2, 3, 4 and 5 (summed up automatically if filled in online).
The value of Total is displayed from Table 2.1	Total	{TSRT21_1}	
The value of Total is displayed from Table 2.1	incl. in national traffic	{TSRT21_2}	
The value of Total is displayed from Table 2.1	incl. to abroad	{TSRT21_3}	
The value of Total is displayed from Table 2.1	incl. from abroad	{TSRT21_4}	
The value of Total is displayed from Table 2.1	incl. transit goods	{TSRT21_5}	
Freight turnover, thousand tonnes-km	Total	{TS2_022}+{TS2_023}+{TS2_024}+{TS2_025}	Column 1 (Total) must be a sum of columns 2, 3, 4 and 5 (summed up automatically if filled in online).
The value of Total freight turnover is displayed from Table 2.1	Total	{TSRT21_6}	
Average transport distance, km	Total	((TS2_022)+{TS2_023}+{TS2_024}+{TS2_025})/({TS2_012}+{TS2_013}+{TS2_014}+{TS2_015})	Row 03 (Average transport distance) is a quotient of rows 02 (freight turnover) and 01 (Freight).
Average transport distance, km	incl. in national traffic	{TS2_022}/{TS2_012}	Row 03 (Average transport distance) is a quotient of rows 02 (freight turnover) and 01 (Freight).
Average transport distance, km	incl. to abroad	{TS2_023}/{TS2_013}	Row 03 (Average transport distance) is a quotient of rows 02 (freight turnover) and 01 (Freight).
Average transport distance, km	incl. from abroad	{TS2_024}/{TS2_014}	Row 03 (Average transport distance) is a quotient of rows 02 (freight turnover) and 01 (Freight).
Average transport distance, km	incl. transit goods	{TS2_025}/{TS2_015}	Row 03 (Average transport distance) is a quotient of rows 02 (freight turnover) and 01 (Freight).