

Controls and autosums in questionnaire: Railway transport (quarter)

Code of the questionnaire: 11492023
Periodicity: Quarterly

Is submitted: 1st quarter – 25.04.2023; 2nd quarter – 25.07.2023; 3rd quarter – 25.10.2023; 4th quarter – 25.01.2024

Statistics Estonia guarantees the full protection of data submitted.

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) and vice versa.	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) and vice versa.	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) and vice versa.	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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	((TS1_022)/(TS1_012)>=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) and vice versa.	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) and vice versa.	Error
21494	KUI ({TSTSK}!=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. The values of rows 01 and 01A and rows 02 and 02A in the corresponding columns must be equal! !

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) and vice versa.	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) and vice versa.	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) and vice versa.	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) and vice versa.	Error
30666	KUI({TS2_012}>0 JA {TS2_022}>0), SIIS((TS2_022)/(TS2_012)>=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)>=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)>=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)>=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
32981	((TS2_014)=0 JA {TS2_024}=0) VÕI ((TS2_014)>0 JA {TS2_024}>0)	Empty field. If freight transported in abroad (column 4 row 1) has been marked, also fill in freight turnover in abroad (column row 2) and vice versa.	Error

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

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Control ID	Control formula	Clarification	Type of error
32855	{TAITMISEAEGMINUTIT}<=59	Maximum permitted value is 59 minutes. Time exceeding 60 minutes shall be indicated in hours and minutes.	Error
32856	{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
32857	{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(47978939))	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	{TSRT21_2}+{TSRT21_3}+{TSRT21_4}+{TSRT21_5}	Column 1 (Total) must be a sum of columns 2, 3, 4 and 5 (summed)

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	group of goods, thousand tonnes		up automatically if filled in online).
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Autosums in table 2. CARRIAGE OF GOODS. The values of rows 01 and 01A and rows 02 and 02A in the corresponding columns must be equal !

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).