

## Controls and autosums in questionnaire: Railway transport

Code of the questionnaire: 11492020  
Periodicity: Quarterly

Is submitted: 1st quarter – 25.04.2020; 2nd quarter – 25.07.2020; 3rd quarter – 25.10.2020; 4th quarter – 25.01.2021

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### 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).	Major
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).	Major
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).	Major
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).	Major
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).	Major
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.	Minor

#### 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).	Major
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).	Major
21494	KUI $\{TSTSK\} \neq \text{NULL}$ , 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.	Major

#### Controls in table 2. CARRIAGE OF GOODS

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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).	Major
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).	Major
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).	Major
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).	Major

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

Control ID	Control formula	Clarification	Type of error
20510	{TAITMISEAEGMINUTIT}<=59	Maximum permitted value is 59 minutes. Time exceeding 60 minutes shall be indicated in hours and minutes.	Major
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.	Major
20512	{TAITMISEAEGTUNDI}<=999	Maximum permitted value is 999 hours.	Major

### Controls across tables

Control ID	Control formula	Clarification	Type of error
20867	KUI({(TS2_012)+(TS2_013)+(TS2_014)+(TS2_015)}>0), SIIS(TABEL(22111012))	Empty field. If total freight transported (Table 2) has been marked, also fill in carriage of goods by group of goods (Table 2.1).	Major

## 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	{TS1_022}/{TS1_012}	

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km	traffic		
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 tonnes	{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).

### 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).
Kokku väärtus kuvatakse tabelist 2.1	Total	{TSRT21_1}	
Kokku väärtus kuvatakse tabelist 2.1	incl. in national traffic	{TSRT21_2}	
Kokku väärtus kuvatakse tabelist 2.1	incl. to abroad	{TSRT21_3}	
Kokku väärtus kuvatakse tabelist 2.1	incl. from abroad	{TSRT21_4}	
Kokku väärtus kuvatakse tabelist 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).
Veosekäive kokku väärtus kuvatakse tabelist 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	{TS2_024}/{TS2_014}	Row 03 (Average transport distance) is a quotient of rows 02 (freight turnover) and 01 (Freight).

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km	abroad		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).