# GOODS AND PASSENGERS CARRIED AND TRANSPORT PERFORMANCE BY MODE OF TRANSPORT IN THE FOURTH QUARTER OF 2021 (PRELIMINARY DATA)

### **Quarterly changes**

According to preliminary seasonally adjusted data in the fourth quarter of 2021 compared to the previous quarter the transported goods by the **freight transport** registered a 14.0% drop, while the transport performance increased by 1.5% (Figure 1).

Figure 1. Goods carried and transport performance by freight transport (Seasonally adjusted data)



The passengers carried from **passenger transport** (land, water and urban electrical transport) decreased by 2.5% compared to the third quarter of 2021. At the same time, the transport performance rose by 6.7% (Figure 2).

Figure 2. Transported passengers and transport performance by passenger transport (Seasonally adjusted data)



#### **Annual changes**

According to preliminary data during the fourth quarter of 2021 there was a decrease, both in the goods carried (by 14.1%) and in the transport performance (by 17.0%) by the freight land and water transport in comparison with the same period of 2020. The transported passengers and the transport performance of the passenger transport increased by 12.3% and 13.9% compared to the same quarter of the previous year.

#### Freight land transport

In the fourth quarter of 2021 the **transported goods** by the land transport were 28 951.5 thousand tons, or by 4 848.2 thousand tons less than the same quarter of 2020 (Figure 3), which was mainly due to the decreased volume of the national and international carriages. The **transport performance** also decreased by 17.1% and reached 10 237.3 million tkm.

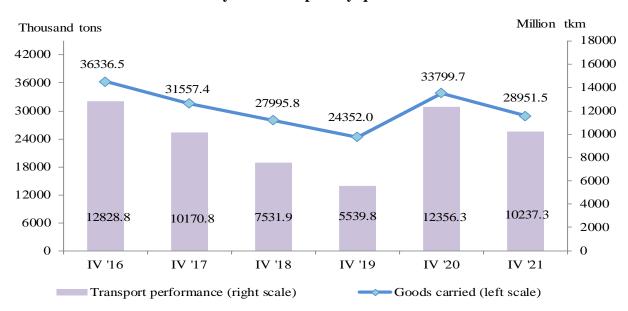


Figure 3. Transported goods and transport performance by land transport by quarters

#### Freight water transport

The **transported goods** by sea and inland waterway transport decreased by 53.3 thousand tons in comparison with the same quarter of 2020. A decrease was observed both in inland waterway and in maritime transport by 6.0% and 1.8%, respectively. (Figure 4).

The **transport performance**, measured in tonne-kilometres, also declined and reached 260.4 million tkm due to the less average distance travelled on which the goods by the international carriages were transported.

Thousand tons Million tkm 1500 1500 1250 1250 915.7 1000 1000 862.4 671.5 750 750 611.5 501.4 496.4 500 500 250 250 319.6 298.3 272.4 284.5 260.4 183.7 0 0 IV '16 IV '17 IV '18 IV '19 IV '20 IV '21 Goods carried (left scale) Transport performance (right scale)

Figure 4. Transported goods and transport performance by water transport by quarters

#### Passengers land transport

The number of the **transported passengers** by the land transport in the fourth quarter of 2021 was 80 035.9 thousand, or by 12.9% more than the same period of the previous year (Figure 5), which was due to the more transported passengers from the bus and railway transport.

The **transport performance** also increased by 13.8% and reached 1 578.0 million passenger-kilometres (Figure 5). The growth by the bus transport was 14.3% and by the railway transport - 11.7%.

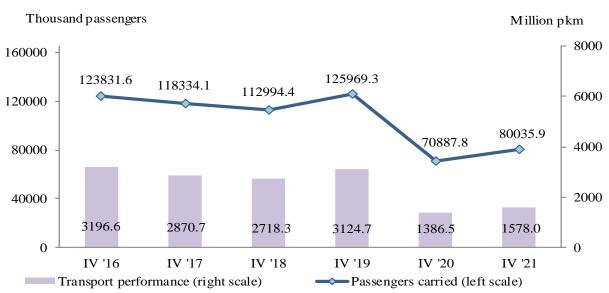


Figure 5. Transported passengers and transport performance by land transport by quarters

### Passengers water transport

In the fourth quarter of 2021 the **transported passengers** by the water transport increased by 7.5%. At the same time the **transport performance** declined by 115.3 thousand pkm compared to the same quarter of the previous year, due to the less distance at which the passengers by the maritime transport were transported (Figure 6).

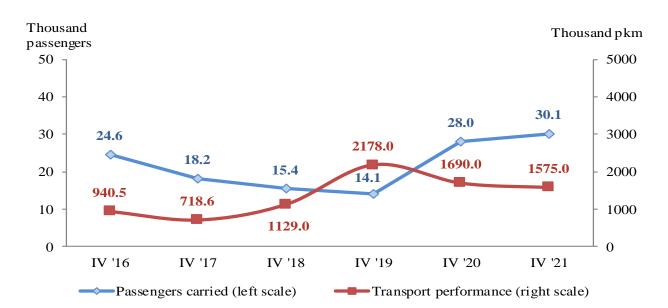


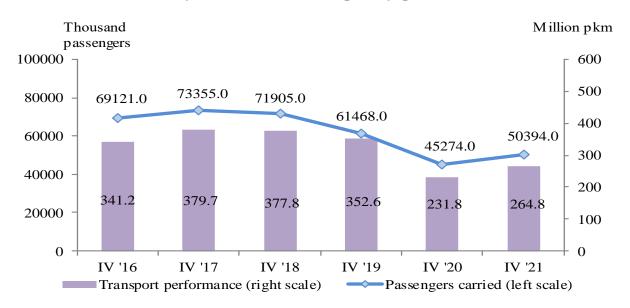
Figure 6. Transported passengers and transport performance by water transport by quarters

## **Urban electrical transport**

During the period October - December of 2021 the enterprises performing urban electrical transport transported **50 394.0 thousand passengers**, or by 11.3% more than the same period of 2020 (Figure 7). An increase was observed in all modes of urban electrical transport, the biggest being in the metro carriages - by 24.7%.

The **transport performance** measured in passenger-kilometres also increased and reached 264.8 thousand pkm. Only the trolleybus transport registered a drop by 2.5% according to the same quarter of 2020.

Figure 7. Transported passengers and transport performance by urban electrical transport by quarters





#### Methodological notes

**Land freight transport** covers the freight carriages by road and rail transport from vehicles with Bulgarian registration as well as transmission of goods by pipelines.

Land passenger transport covers the passengers' carriages by road and rail transport from vehicles with Bulgarian registration.

Water transport covers the passengers' and freight carriages and transport performance by maritime and IWW vessels with Bulgarian registration.

**Urban electrical transport** includes passengers carried and transport performance of trolleybus transport in the country, electric bus and tramway transport and metro in Sofia.

**Goods carried** (tons) - measures the total volume of goods carried **for hire or reward** between two places (place of loading and place of unloading).

**Transport performance of freight transport** (tonne-kilometres) - corresponds to the transportation of one ton over one kilometre.

**Passengers carried** (in numbers) - measures the total number of passengers with paid fares carried by the corresponding type of transport between two places (place of embarkation and place of disembarkation).

**Transport performance of passenger transport** (passenger-kilometres) - corresponds to the transportation of one passenger over one kilometre.

#### Annex

Table 1

# Main indicators of the freight transport activity, fourth quarter of 2020 and 2021

Freight transport	IV quarter 2020	IV quarter 2021	Index of change compared to the fourth quarter of 2020
Land t	ransport - transported g	goods	
<b>Total - thousand tons</b>	33799.7	28951.5	85.7
National	21634.4	18472.5	85.4
International	12165.3	10479.0	86.1
Land tra	nsport - transport perfo	rmance	
Total - million tkm	12356.3	10237.3	82.9
National	2578.2	2236.6	86.8
International	9778.1	8000.7	81.8
Water	transport - transported	goods	
Total - thousand tons	915.7	862.4	94.2
National	-	_	-
International	915.7	862.4	94.2
Water tra	insport - transport perfo	ormance	
Total - million tkm	284.5	260.4	91.5
National	-	-	_
International	284.5	260.4	91.5

<sup>&#</sup>x27;-' - no case registered.

Table 2

# Main indicators of the passenger transport activity, fourth quarter of 2020 and 2021

Passenger transport	IV quarter 2020	IV quarter 2021	Index of change compared to the fourth quarter of 2020
Land tran	sport - transported pas	sengers	
Total - thousands	70887.8	80035.9	112.9
National	70737.7	79789.4	112.8
International	150.1	246.5	164.2
Land tran	nsport - transport perfo	rmance	
Total - million pkm	1386.5	1578.0	113.8
National	1274.1	1415.9	111.1
International	112.4	162.1	144.2
Water tran	nsport - transported pas	ssengers	
<b>Total - thousands</b>	28.0	30.1	107.5
National	_	-	-
International	28.0	30.1	107.5
Water tra	nsport - transport perfo	ormance	
Total - million pkm	1.7	1.6	93.2
National	-	-	-
International	1.7	1.6	93.2
Urban electrica	al transport - transporte	d passengers	
Total - thousands	45274.0	50394.0	111.3
Urban electric	al transport - transport	performance	
Total - million pkm	231.8	264.8	114.2

<sup>&#</sup>x27;-' - no case registered.