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Statistics of Transport and Communications

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Total transport of passengers and goods, 2022 and 2023

The total number of transported passengers in international transport in 2023, relative to the previous year, increased by 29.6%. In the observed period, domestic transport of passengers saw also an increase of 6.6%, which influenced the growth of the total number of passengers carried by 8.6%. The total performance in 2023, expressed in pkm, increased by 26.4%, which resulted from an increase in the performance of the domestic transport of passengers by 0.1%, and that of the international transport by 46.6%.

The volume of transported goods in 2023, relative to the previous year, decreased by 2.4%. Even though the domestic transport of goods increased by 2.8%, the international transport of goods recorded decrease of export of goods by 8.9%, and import by 2.1%, relative to 2022. Operations volume, expressed in tkm decreased by 7.9%.

Observed by mode of transport, the total number of passengers carried in road transport increased, relative to the previous year, by 4.3%, which was influenced by the transport of passengers in domestic transport, which grew by 4.5% in 2023, while the number of passengers in international transport went up by 0.6%. The total volume of operations in road transport is higher by 2.5%, indicating that the average journey in the observed period increased. The total volume of goods carried in road transport in 2023 was higher than it was in 2022 by 8.6%, while the volume of performance in tkm went down by 4.2%.

The total number of passenger carried in railway transport recorded an increase of 25.1%, compared with the previous year. The realised performance, expressed in passenger kilometres, increased by 23.9%. The volume of goods exported decreased and goods imported recorded growth, while total goods carried in railway transport decreased by 12.9%. The volume of operations in tkm in railway transport decreased by 23.6%.

Crude oil pipeline transport saw a decrease of 4.9%. In the same period, natural gas pipeline transport went down by 4.5%. The volume of operations, in tkm, was down by 6.3% as far as crude oil transport is concerned.

Air transport, as far as passengers carried and total operations volume are concerned, indicates growth. Transported passengers' number, compared to the previous year, increased by 52.3%, and total operations volume by 61.4%. When we observe goods transport by air, increase is also noticeable. Namely, in 2023, when compared to 2022, we can notice a growth of quantities of goods transported of 15.4%, and a growth of total operations volume, of 23.5%.

Inland waterways transport in 2023 recorded a decrease in the quantities of goods carried by 17.2% relative to 2022. Operations volume in 2023, expressed in tkm, decreased by 4.1% relative to 2022.

The border traffic of road passenger vehicles coming into Serbia increased by 3.6% in 2023 if compared to 2022. The number of vehicles with national registration plates increased by 3.0%, while the number of vehicles with foreign registration plates grew by 4.1%. The number of freight vehicles which entered the national territory, decreased by 0.4%, and of those which exited by 0.8%.

In telecommunications, the initial communication in mobile telephony decreased by 0.4%, while in fixed telephony the realized minutes decreased by 14.0%, relative to the previous year. Classic mailing, i.e. postal services in 2023, compared to 2022, noted with the following movements: payment operations decreased by 4.1%, letter mails decreased by 9.7% and parcels increased by 57.1%.

The total number of employees increased by 2.7% in relation to the previous year. As for employees in pipeline transport, their number increased this by 61.6%.

1. Total transport of passengers and goods

	2022	2023	2023/2022
PASSENGER TRANSPORT			
Transported passengers, thousand¹⁾	58162*	63155	108.6
Domestic transport	53232*	56765	106.6
International transport	4930*	6390	129.6
Land transport¹⁾	55442*	59012	106.4
Railway transport	5691*	7117	125.1
Road transport	49751	51895	104.3
Air transport	2720	4143	152.3
Urban transport	989	1000	101.1
Passenger kilometers, million¹⁾	8271*	10453	126.4
Domestic transport	3602*	3607	100.1
International transport	4669	6846	146.6
Land transport¹⁾	5078*	5298	104.3
Railway transport	426*	528	123.9
Road transport	4652	4770	102.5
Air transport	3193	5155	161.4
Urban transport	5983*	6041	101.0
TRANSPORT OF GOODS			
Transported goods, thousand tons²⁾	44472*	43404	97.6
Domestic transport	21264*	21861	102.8
Export	6784*	6180	91.1
Import	13357*	13078	97.9
Transit	2296*	1277	55.6
Road cabotage transport	771	1008	130.7
Land transport	37730*	37822	100.2
Railway transport	10156*	8848	87.1
Road transport	20305	22051	108.6
Pipeline transport	7269	6923	95.2
Inland waterways transport	6742	5582	82.8
Air transport	4.944	5.703	115.4
Ton kilometers, million²⁾	14887*	13709	92.1
Domestic transport	2453	2656	108.3
Export	4612*	4264	92.5
Import	5974*	5576	93.3
Transit	1180*	541	45.8
Road cabotage transport	668	672	100.6
Land transport	13304*	12191	91.6
Railway transport	2780*	2124	76.4
Road transport	9614	9212	95.8
Pipeline transport	910	855	94.0
Inland waterways transport	1583	1518	95.9
Air transport	17.749	21.915	123.5

* Corrected data.

¹⁾ No urban transport.

²⁾ No air transport.

2. Transport of passengers and goods, by transport modes

	2022	2023	2023/2022
RAILWAY TRANSPORT			
PASSENGER TRANSPORT			
Transported passengers, thousand	5691*	7117	125.1
Domestic transport	5550*	6941	125.1
International transport	141*	176	124.8
Passenger kilometers, million	426*	528	123.9
Domestic transport	383*	471	123.0
International transport	43	57	132.6
TRANSPORT OF GOODS			
Transported goods, thousand tons	10156*	8848	87.1
Domestic transport	2792*	2640	94.6
Export	2694*	2223	82.5
Import	2810*	3099	110.3
Transit	1860*	886	47.6
Ton kilometers, million	2780*	2124	76.4
Domestic transport	478	506	105.9
Export	687*	637	92.7
Import	689*	611	88.7
Transit	926*	370	40.0

* Corrected data.

2. Transport of passengers and goods, by transport modes (continued)

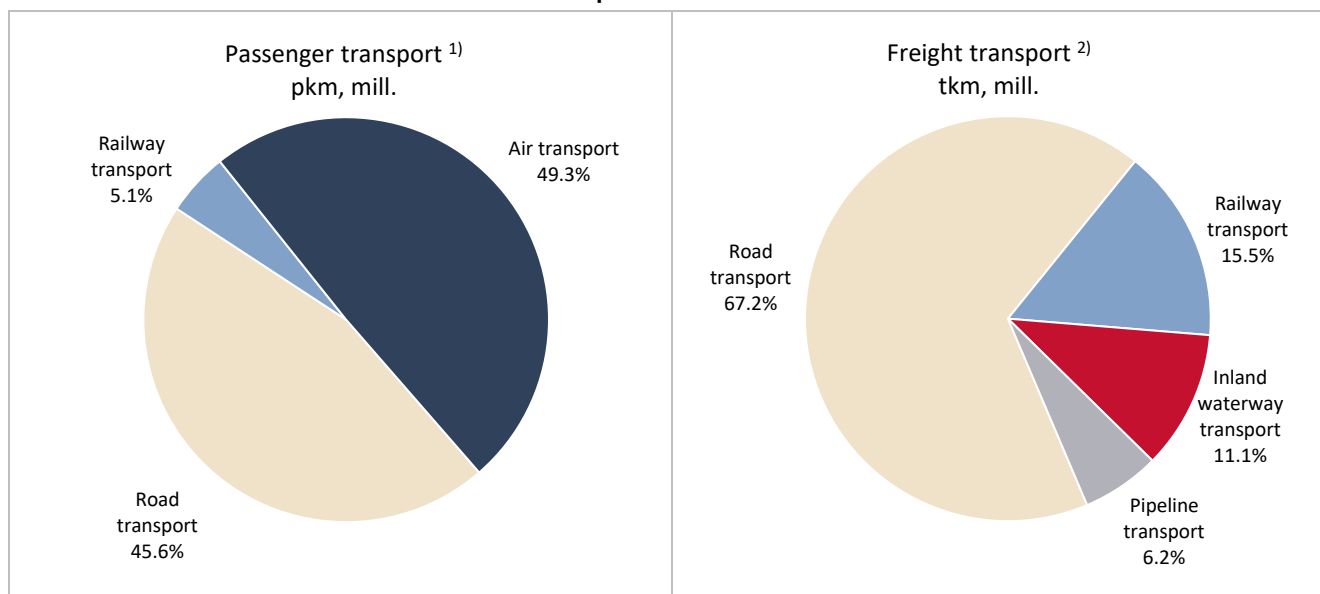
	2022	2023	2023/2022
ROAD TRANSPORT			
PASSENGER TRANSPORT			
Transported passengers, thousand	49751	51895	104.3
Domestic transport	47682	49814	104.5
International transport	2069	2081	100.6
Passenger kilometers, million	4652	4770	102.5
Domestic transport	3219	3134	97.4
International transport	1433	1636	114.2
TRANSPORT OF GOODS			
Transported goods, thousand tons	20305	22051	108.6
Domestic transport	11837	13665	115.4
Export	3735	3647	97.6
Import	3981	3789	95.2
Road cabotage transport	752	950	126.3
Of which: transit	78	88	112.8
Ton kilometers, million	9614	9212	95.8
Domestic transport	1462	1675	114.6
Export	3729	3465	92.9
Import	3759	3411	90.7
Road cabotage transport	664	661	99.5
Of which: transit	27	30	111.1
URBAN TRANSPORT			
PASSENGER TRANSPORT			
Transported passengers, million	989	1000	101.1
Passenger kilometers, million	5983*	6041	101.0
PIPELINE TRANSPORT			
OIL PIPELINES			
Transported oil, thousand tons	4675	4445	95.1
Domestic transport	1353	1404	103.8
Import	3322	3041	91.5
Transit	-	-	-
Ton kilometers, million	615	576	93.7
Domestic transport	102	106	103.9
Import	513	470	91.6
Transit	-	-	-
GAS PIPELINES			
Transported gas, thousand tons	2594	2478	95.5
Domestic transport	231	240	103.9
Import	2178	2025	93.0
Transit	185	213	115.1
Ton kilometers, million	295	279	94.6
Domestic transport	11	15	136.4
Import	238	220	92.4
Transit	46	44	95.7
INLAND WATERWAYS TRANSPORT			
TRANSPORT OF GOODS			
Transported goods, thousand tons	6742	5582	82.8
Domestic transport	5051	3912	77.5
Export	355	310	87.3
Import	1066	1124	105.4
Transit	173	90	52.0
IWW cabotage transport	97	146	150.5
Ton kilometers, million	1583	1518	95.9
Domestic transport	400	354	88.5
Export	196	162	82.7
Import	775	864	111.5
Transit	181	97	53.6
IWW cabotage transport	31	41	132.3

* Corrected data.

2. Transport of passengers and goods, by transport modes (continued)

	2022	2023	2023/2022
AIR TRANSPORT			
PASSENGER TRANSPORT			
Transported passengers, thousand	2720	4143	152.3
Domestic transport	0	10	...
International transport	2720	4133	151.9
Passenger kilometers, million	3193	5155	161.4
Domestic transport	0	2	...
International transport	3193	5153	161.4
TRANSPORT OF GOODS			
Transported goods, tons	4.944	5.703	115.4
Domestic transport	0	0	...
International transport	4.944	5.703	115.4
Ton kilometers, thousand	17.749	21.915	123.5
Domestic transport	0	0	...
International transport	17.749	21.915	123.5

**Graph. 1. Transport performance, by transport modes, 2023
– Republic of Serbia –**



¹⁾ Urban transport excluded.

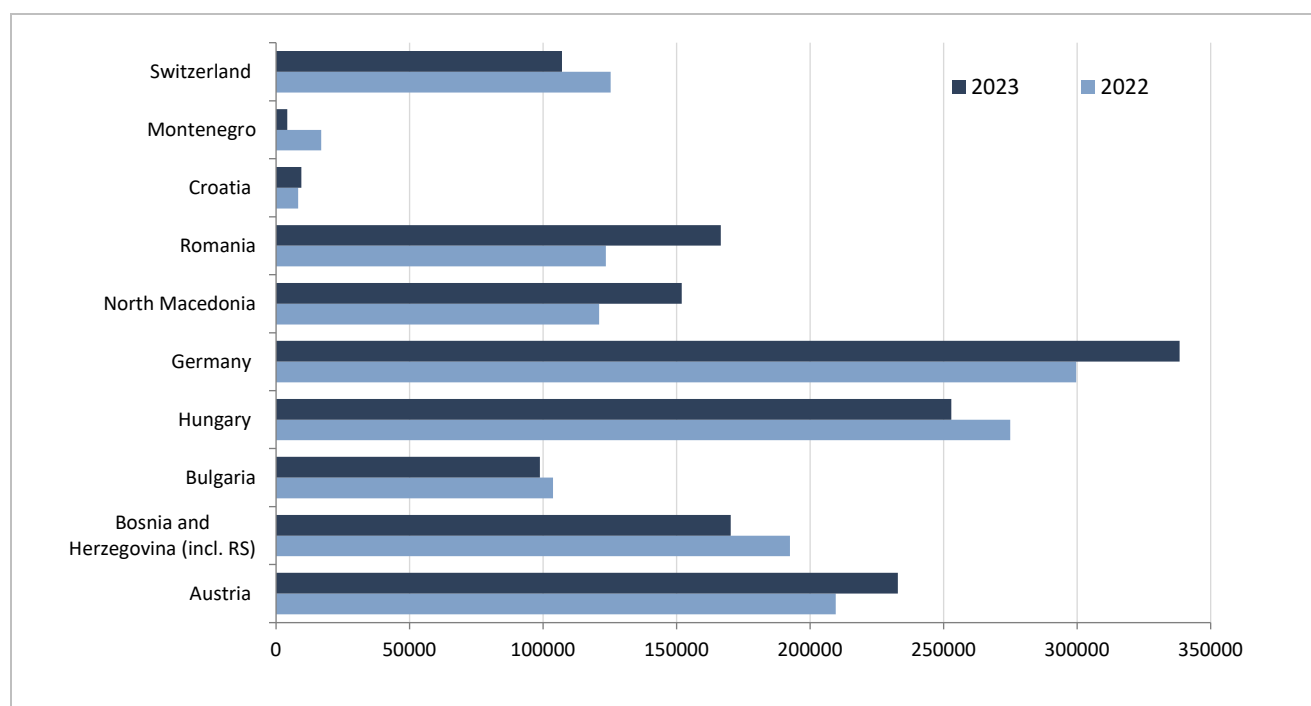
²⁾ No air transport.

3. Additional and supplementary activities in transport

	2022	2023	2023/2022
SERVICES IN RAILWAY TRANSPORT			
Total goods traffic, thousand tons	10156*	8848	87.1
Traffic volume, thousand tons	8296*	7962	96.0
Domestic traffic – unloading	2792*	2640	94.6
Export	2694*	2223	82.5
Import	2810*	3099	110.3
Transit	1860*	886	47.6
BORDER TRAFFIC OF ROAD MOTOR VEHICLES			
Total passenger cars traffic, entry	8342398	8646025	103.6
Domestic vehicles	3255287	3352350	103.0
Foreign vehicles	5087111	5293675	104.1
Austria	209575	232895	111.1
Bosnia and Herzegovina	192518	170292	88.5
Bulgaria	103785	98819	95.2
Hungary	274972	252884	92.0
Germany	299676	338424	112.9
North Macedonia	120998	151945	125.6
Romania	123559	166598	134.8
Croatia	8324	9476	113.8
Montenegro	16944	4281	25.3
Switzerland	125354	107112	85.4
Other	3611406	3760949	104.1
Passenger cars	8214844	8500159	103.5
Buses	122771	141792	115.5
Motorcycles	4783	4074	85.2
Freight road vehicles			
Entry	759488	756473	99.6
Domestic vehicles	402904	411897	102.2
Foreign vehicles	356584	344576	96.6
Exit	1065511	1057007	99.2
Domestic vehicles	773354	766333	99.1
Foreign vehicles	292157	290674	99.5

* Corrected data.

**Graph. 2. Border transport of passenger car for, entrance
– Republic of Serbia –**



3. Additional and supplementary activities in transport (continued)

	2022	2023	2023/2022
INTERNAL WATERWAYS TRANSPORT SERVICES			
GOODS TRAFFIC IN PORTS			
Total goods traffic, thousand tons	17136	15943	93.0
Traffic volume, thousand tons	12023	12031	100.1
Domestic traffic	10226	7824	76.5
Unloading	5113	3912	76.5
Loading	5113	3912	76.5
International transport	6910	8119	117.5
Export	1918	1925	100.4
Domestic boats	451	287	63.6
Foreign boats	1467	1638	111.7
Import	4992	6194	124.1
Domestic boats	1525	1102	72.3
Foreign boats	3467	5092	146.9
Transit	2653	2686	101.2
Domestic boats	224	76	33.9
Foreign boats	2429	2610	107.5
AIR TRANSPORT SERVICES			
AIRPORT PASSENGER TRAFFIC			
Passenger traffic volume, thousand	6006	8400	139.9
Domestic traffic, departures	7	10	142.9
International traffic	5999	8390	139.9
Departures	2963	4175	140.9
Domestic planes	1367	2080	152.2
Foreign planes	1596	2095	131.3
Arrivals	3036	4215	138.8
Domestic planes	1388	2107	151.8
Foreign planes	1648	2108	127.9
CARGO HANDLING			
Handled tons, thousand	8763	8082	92.2
Operation tons, thousand	10103	9506	94.1
Mechanical	10099	9500	94.1
Manual	4	6	150.0
Unloaded	3967	2989	75.3
Loaded	3066	2747	89.6
Directly handled, overloaded	2263	2866	126.6
Transfer	807	904	112.0

4. Post activities and telecommunications

	2022	2023	2023/2022
POST ACTIVITIES – TRANSPORT AND DELIVERY			
Letter mails, million	248	224	90.3
Domestic traffic, dispatched	241	215	89.2
International traffic, dispatched and received	7	9	128.6
Parcel mails, thousand	1557	2446	157.1
Domestic traffic, dispatched	1418	2299	162.1
International traffic, dispatched and received	139	147	105.8
Payment traffic services, million	73	70	95.9
TELECOMMUNICATIONS			
Fixed telephony, minutes, million	2358	2027	86.0
Mobile telephony			
Outcoming calls, minutes, million	21928	21846	99.6
Short messages sent, million	4988	4387	88.0
Multimedial messages sent, thousand	14929	13770	92.2

5. Employees in transport, storage and communications

	2022	2023	2023/2022
Transport – total	49119*	50426	102.7
Land transport	44877*	45457	101.3
Railway transport	10346	10215	98.7
Road transport	23402*	23991	102.5
Urban transport	10871	10834	99.7
Pipeline transport	258	417	161.6
Inland waterways transport	1228	1199	97.6
Air transport	3014	3770	125.1
Postal activities	18193	17819	97.9
Telecommunications	13594	13653	100.4

* Corrected data.

6. Fuel consumption in transport, storage and telecommunications

	2022	2023	2023/2022
Transport – total			
Diesel, thousand tons	382	370	96.9
Electricity, thousand MWh	119	118	99.2
Kerosene, thousand tons	121	184	152.1
Land transport			
Diesel, thousand tons	363	351	96.7
Electricity, thousand MWh	119	118	99.2
<i>Railway transport</i>			
Diesel, thousand tons	11	9	81.8
Electricity, thousand MWh	95	92	96.8
<i>Road transport</i>			
Diesel, thousand tons	274	267	97.4
<i>Urban transport</i>			
Diesel, thousand tons	78	75	96.2
Electricity, thousand MWh	24	26	108.3
Inland waterways transport			
Diesel, thousand tons	19	19	100.0
Air transport			
Kerosene, thousand tons	121	184	152.1

7. PASSENGER AND GOODS TRANSPORT, BY MONTHS, 2023

7.1. Passenger transport, by months, 2023

	Transported passengers, thousand					Passenger kilometers, million				
	Total	Land transport			air	Total	Land transport			air
		all	railway	road			all	railway	road	
Total	63155	59012	7117	51895	4143	10453	5298	528	4770	5155
January	4631	4414	516	3898	217	674	403	37	366	271
February	4584	4385	474	3911	199	614	380	33	347	234
March	5229	4996	557	4439	233	692	438	39	399	254
April	5054	4774	560	4214	280	759	426	41	385	333
May	5543	5211	610	4601	332	860	453	44	409	407
June	5399	4983	568	4415	416	996	455	46	409	541
July	5140	4620	580	4040	520	1116	434	49	385	682
August	5289	4763	565	4198	526	1123	454	46	408	669
September	5556	5106	625	4481	450	1019	458	46	412	561
October	5646	5282	740	4542	364	908	458	52	406	450
November	5517	5221	659	4562	296	822	463	46	417	359
December	5567	5257	663	4594	310	870	476	49	427	394

7.2. Goods transport, by months, 2023

	Transported cargo, thousand t							Tonne kilometers, million						
	Total	Land transport				IWW	air	Total	Land transport				IWW	air
		all	railway	road	pipe-line				all	railway	road	pipe-line		
Total	43410	37822	8848	22051	6923	5582	5.703	13731	12191	2124	9212	855	1518	21.915
January	3433	2904	713	1525	666	529	0.446	1111	941	183	671	87	169	1.330
February	3408	2917	644	1666	607	491	0.425	1103	988	173	736	79	114	1.316
March	3648	3253	707	1971	575	395	0.431	1181	1073	168	834	71	107	1.289
April	3496	3033	731	1743	559	463	0.447	1109	969	173	724	72	138	1.538
May	3641	3193	800	1931	462	448	0.404	1153	1022	187	781	54	130	1.468
June	3831	3315	771	1996	548	516	0.494	1216	1083	195	819	69	131	2.041
July	3583	2999	716	1777	506	584	0.405	1138	981	171	748	62	155	1.617
August	3552	3063	707	1856	500	489	0.402	1111	995	182	753	60	114	1.531
September	3634	3158	719	1934	505	476	0.362	1214	1071	173	837	61	142	1.275
October	3656	3266	755	1914	597	390	0.441	1096	1015	174	770	71	79	1.633
November	3810	3368	841	1839	688	441	0.632	1134	1020	179	757	84	111	2.930
December	3714	3353	744	1899	710	360	0.814	1165	1033	166	782	85	128	3.947

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