

RELEASE 148-2/2023

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Quarterly statistics of transport

Third quarter 2023

Transport of passengers in the third quarter 2023 compared to the same quarter of the previous year records in: railway transport increase by 14.1%, road transport increase by 19.6%, local road transport increase by 16.8%, and passengers in airports increase by 27.6%.

Transport of goods in the third quarter 2023 compared to the same quarter of the previous year records in: railway transport a decrease of 0.3%, road transport an increase of 0.9%, total traffic of goods in ports a decrease of 22.1%, and goods in airports an increase of 62.1%.

Number of transhipped tonnes in ports in the third quarter 2023 compared to the same quarter of the previous year decrease by 26.8%, and handled tonnes decrease by 20.0%.

Total number of traffic accidents¹ in the third quarter 2023 was 2 043 which is 27.8% higher than in the same quarter of the previous year. Number of casualties² in the third quarter 2023 was 964 (out of which there are 945 injured persons), which is 6.5% an increase of in the same quarter of the previous year.

Number of registered road motor vehicles and trailers in the third quarter 2023 is 80 109, which is an increase of 11.5% in comparison with the same quarter of the previous year. Number of the first-time registered road motor vehicles and trailers³ in the third quarter 2023 is 8 190, which is an increase of 77.0% compared to the same quarter of the previous year.

Table 1. Quarterly transport statistics, III quarter 2023

Indicator	III quarter 2022	III quarter 2023
Number of passengers carried by rail, in thousands.	270	308
Number of passengers carried in road transport, in thousands.	1 994	2 384
Number of passengers at airports, in thousands.	857	1 093
Number of accidents in road traffic	1 599	2 043
Number of registered road motor vehicles and trailers	71 815	80 109

¹ Total number of traffic accidents includes: accidents with killed persons, accidents with injured persons, and accidents with material damage.

² Casualty includes persons injured and persons killed.

³ The first time registered vehicles include: new and used imported vehicles, , i.e. vehicles for the first time registered in Montenegro.

Table 2. Transport of passengers and goods by type of transport, III quarter 2023

	IIIQ 2022	IIIQ 2023	Indices		
			IIIQ 2023	IIIQ 2023	I-IIIQ 2023
			IIQ 2023	IIIQ 2022	I-IIIQ 2022
Transport of passengers					
Railway transport, in thousands	270	308	138.1	114.1	110.4
Road transport, in thousands	1 994	2 384	169.8	119.6	109.7
Local road transport, in thousands	321	375	107.1	116.8	122.2
Traffic at airports	856 748	1 093 111	164.5	127.6	134.4
Air passengers transported scheduled	134 007	148 275	147.9	110.6	120.4
Air passengers transported non-scheduled	30 984	65 944	236.3	212.8	228.7
Passenger kilometres					
Railway transport, in thousands	18 990	26 225	147.1	138.1	134.6
Road transport, in thousands	17 271	17 750	132.0	102.8	104.3
Air passenger kilometre scheduled, in thous.	98 692	105 699	162.3	107.1	117.3
Air passenger kilometre non-scheduled, in thous.	57 390	93 318	219.9	162.6	190.4
Transport of goods					
Railway transport, in thousands	366	365	175.5	99.7	75.0
Road transport, in thousands	235	237	92.9	100.9	107.2
Goods at airports, in tons	108	175	129.6	162.0	149.3
Tonne kilometres					
Railway transport, in thousands	51 447	51 546	161.4	100.2	79.8
Road transport, in thousands	27 810	36 452	123.3	131.1	108.8
Arrival and departure of ships in ports					
Turnover of goods in ports, in tonnes	861 012	670 966	142.8	77.9	78.2
Export, in tonnes	431 120	383 743	163.2	89.0	71.3
Import, in tonnes	429 892	287 223	122.3	66.8	88.9
Transhipped tonnes					
Transhipped tonnes	892 635	653 706	135.0	73.2	76.5
Handled tonnes	1 681 150	1 345 091	132.5	80.0	76.9

Table 3. Transport of passengers and goods at airports, III quarter 2023

	IIIQ 2023	Structure of traffic, %
Transport of passengers	1 093 111	100.0
Airport Podgorica	630 015	57.6
Airport Tivat	463 096	42.4
Transport of goods	174.8	100.0
Airport Podgorica	170.3	97.4
Airport Tivat	4.5	2.6
Number commercial aircraft movements	8 158	100.0
Airport Podgorica	4 402	54.0
Airport Tivat	3 756	46.0

Table 4. Top 10 countries by passenger traffic performed with Montenegrin airports, III quarter 2023

	Total	Airport Podgorica	Airport Tivat
Serbia	237 131	89 947	147 184
Poland	129 035	120 377	8 658
Turkey	121 585	82 833	38 752
Austria	81 965	70 702	11 263
United Kingdom	74 848	39 039	35 809
Germany	68 723	39 551	29 172
Israel	53 933	18 854	35 079
France	36 578	25 033	11 545
Italy	25 213	24 614	599
Lithuania	20 307	197	20 110

Table 5. Passenger traffic performed with Montenegrin ports, by countries, III quarter 2023

	Total passenger traffic	Passengers carried	Passengers in transit
Total	265 392	-	265 392
Albania	680	-	680
Greece	57 046	-	57 046
Croatia	130 480	-	130 480
Italy	75 686	-	75 686
Malta	1 500	-	1 500

Table 6. Top 10 countries, by traffic of goods performed with Montenegrin ports, III quarter 2023

	Total turnover of goods, in t	Exports, in tonnes	Imports, in tonnes
Croatia	94 158	29	94 129
Greece	85 631	-	85 631
Latvia	81 731	81 731	-
Spain	67 607	67 607	-
Italy	59 852	32 557	27 295
Egypt	47 112	47 112	-
Malta	36 613	36 613	-
Turkey	35 149	23 387	11 762
Libya	33 031	-	33 031
Republic of Korea	23 740	23 740	-

Table 7. Road freight transport, III quarter 2023

	Goods carried, in thousand of tonnes	Tonne- kilometres, in thousands	Kilometres made, in thousands
Road goods transport (1+2)	237	36 452	1 523
National transport (1.1 + 2.1)	217	25 244	603
International transport (1.2 + 2.2)	20	11 208	920
Goods loaded/ unloaded in Montenegro (1.2.1 + 2.2.1)	16	9 345	747
Cross-trade transport (1.2.2 + 2.2.2)	4	1 863	173
1. Road goods transport for hire or reward	46	12 714	1 045
1.1 National transport	32	3 998	248
1.1 International transport	14	8 716	797
1.2.1 Goods loaded/ unloaded in Montenegro	11	7 353	652
1.2.2 Cross-trade transport	3	1 363	145
2. Road goods transport on own account	191	23 738	478
2.1 National transport	185	21 246	355
2.2 International transport	6	2 492	123
2.2.1 Goods loaded/ unloaded in Montenegro	5	1 992	95
2.2.2 Cross-trade transport	1	500	28

Table 8. Number of traffic accidents and injuries in road transport, III quarter 2023

	IIIQ 2022	IIIQ 2023	Indices		
			IIIQ 2023	IIIQ 2023	I-IIIQ 2023
			IIQ 2023	IIIQ 2022	I-IIIQ 2022
Total number of injury accidents	1 599	2 043	127.0	127.8	118.8
Total number of casualties	905	964	113.0	106.5	105.5
Number of persons injured	883	945	112.9	107.0	105.6
Number of persons killed	22	19	118.8	86.4	103.7

Table 9. Number of traffic accidents by municipalities, III quarter 2023

Municipality	Total	Fatalities	Injured persons	Material damage
	(1)+(2)+(3)	(1)	(2)	(3)
Total	2 043	16	656	1 371
Andrijevica	3	-	-	3
Bar	286	-	75	211
Berane	22	-	8	14
Bijelo Polje	73	2	23	48
Budva	153	-	49	104
Cetinje	44	4	18	22
Danilovgrad	41	2	10	29
Gusinje	4	-	3	1
Herceg Novi	94	1	35	58
Kolašin	45	1	17	27
Kotor	138	1	35	102
Mojkovac	23	-	8	15
Niksic	138	3	31	104
Petnjica	1	-	1	-
Plav	10	-	4	6
Pljevlja	36	-	11	25
Pluzine	15	-	4	11
Podgorica	682	1	243	438
Rozaje	18	1	8	9
Savnik	7	-	1	6
Tivat	85	-	22	63
Ulcinj	95	-	43	52
Zabljak	30	-	7	23

Table 10. Number of fatalities and injuries in road transport by municipalities, III quarter 2023

Municipality	Total persons killed and persons injured	Fatalities	Persons injured
	(1)+(2)	(1)	(2)
Total	964	19	945
Andrijevica	-	-	-
Bar	102	-	102
Berane	9	-	9
Bijelo Polje	37	2	35
Budva	70	-	70
Cetinje	56	5	51
Danilovgrad	16	3	13
Gusinje	7	-	7
Herceg Novi	51	1	50
Kolašin	31	2	29
Kotor	49	1	48
Mojkovac	10	-	10
Niksic	44	3	41
Petnjica	1	-	1
Plav	7	-	7
Pljevlja	14	-	14
Pluzine	6	-	6
Podgorica	345	1	344
Rozaje	15	1	14
Savnik	1	-	1
Tivat	26	-	26
Ulcinj	58	-	58
Zabljak	9	-	9

Table 11. Number of fatalities in road transport by category, III quarter 2023

Municipality	Fatalities	Drivers	Traveling companions	Cyclists	Motorcyclists	Pedestrians
	(1)+(2)+(3)+(4)+(5)	(1)	(2)	(3)	(4)	(5)
Total	19	7	6	1	-	5
Andrijevica	-	-	-	-	-	-
Bar	-	-	-	-	-	-
Berane	-	-	-	-	-	-
Bijelo Polje	2	-	1	1	-	-
Budva	-	-	-	-	-	-
Cetinje	5	1	2	-	-	2
Danilovgrad	3	1	2	-	-	-
Gusinje	-	-	-	-	-	-
Herceg Novi	1	-	-	-	-	1
Kolašin	2	1	1	-	-	-
Kotor	1	1	-	-	-	-
Mojkovac	-	-	-	-	-	-
Niksic	3	2	-	-	-	1
Petnjica	-	-	-	-	-	-
Plav	-	-	-	-	-	-
Pljevlja	-	-	-	-	-	-
Pluzine	-	-	-	-	-	-
Podgorica	1	1	-	-	-	-
Rozaje	1	-	-	-	-	1
Savnik	-	-	-	-	-	-
Tivat	-	-	-	-	-	-
Ulcinj	-	-	-	-	-	-
Zabljak	-	-	-	-	-	-

Table 12. Number of fatalities in road transport by sex, III quarter 2023

Municipality	Fatalities	Male	Female
	(1)+(2)	(1)	(2)
Total	19	13	6
Andrijevica	-	-	-
Bar	-	-	-
Berane	-	-	-
Bijelo Polje	2	2	-
Budva	-	-	-
Cetinje	5	2	3
Danilovgrad	3	2	1
Gusinje	-	-	-
Herceg Novi	1	-	1
Kolašin	2	2	-
Kotor	1	1	-
Mojkovac	-	-	-
Niksic	3	2	1
Petnjica	-	-	-
Plav	-	-	-
Pljevlja	-	-	-
Pluzine	-	-	-
Podgorica	1	1	-
Rozaje	1	1	-
Savnik	-	-	-
Tivat	-	-	-
Ulcinj	-	-	-
Zabljak	-	-	-

Table 13. Injured persons in road transport accidents by category, III quarter 2023

Municipality	Injured persons	Seriously injured	Light injuries
	(1)+(2)	(1)	(2)
Total	945	182	763
Andrijevica	-	-	-
Bar	102	25	77
Berane	9	4	5
Bijelo Polje	35	12	23
Budva	70	12	58
Cetinje	51	15	36
Danilovgrad	13	2	11
Gusinje	7	-	7
Herceg Novi	50	9	41
Kolašin	29	3	26
Kotor	48	14	34
Mojkovac	10	2	8
Nikšić	41	12	29
Petnjica	1	-	1
Plav	7	3	4
Pljevlja	14	2	12
Pluzine	6	1	5
Podgorica	344	41	303
Rozaje	14	4	10
Savnik	1	1	-
Tivat	26	9	17
Ulcinj	58	10	48
Zabljak	9	1	8

Table 14. Number of registered road motor vehicles and trailers, III quarter 2023

	IIIQ 2022	IIIQ 2023	Indices		
			IIIQ 2023	IIIQ 2023	I-IIIQ 2023
			IIQ 2023	IIIQ 2022	I-IIIQ 2022
Number of registered vehicles	71 815	80 109	110.7	111.5	107.8
Number of first-time registered vehicles	4 626	8 190	99.8	177.0	149.5

Table 15. Number of registered road motor vehicles by type of motor energy, III quarter 2023⁴

Quarter	Type of motor energy						Total
	Euro super 95	Euro super 98	Euro diesel	Hybrid and other vehicles	Auto Gas	Electricity	
IIIQ 2023	16 378	195	60 488	287	1 562	135	79 142
IIIQ 2022	14 490	171	54 471	5	1 723	137	70 997

⁴ The total number of motor vehicles by type of motor energy is less than the total number of registered road vehicles and trailers for the number of trailers that do not use the motor energy.

Table 16. Number of registered road motor vehicles and trailers, III quarter 2023

Municipality	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	3 868	67 484	81	347	5 355	1 372	470	973	159	80 109
Andrijevica	-	297	-	1	21	6	-	6	2	333
Bar	326	5 524	4	10	367	97	26	64	3	6 421
Berane	19	1 974	5	26	111	45	10	39	7	2 236
Bijelo Polje	28	3 143	8	12	282	117	46	79	9	3 724
Budva	638	3 831	7	35	221	39	2	24	8	4 805
Cetinje	95	1 781	-	11	117	39	13	35	2	2 093
Danilovgrad	42	1 497	-	31	187	44	11	26	7	1 845
Gusinje	-	235	-	1	15	2	1	8	2	264
Herceg Novi	558	3 825	5	31	266	68	6	25	2	4 786
Kolasin	13	596	1	2	65	21	3	5	-	706
Kotor	554	2 942	16	16	204	65	9	26	2	3 834
Mojkovac	1	506	3	2	29	14	5	14	2	576
Niksic	113	6 214	7	51	615	120	97	142	13	7 372
Petnjica	1	315	2	2	9	1	2	3	1	336
Plav	1	659	1	7	24	5	2	-	-	699
Pljevlja	18	2 027	2	16	166	38	18	44	12	2 341
Pluzine	2	146	1	1	5	3	-	3	1	162
Podgorica	717	22 113	6	59	1 980	471	130	259	33	25 768
Rozaje	8	1 529	4	5	79	37	33	72	3	1 770
Savnik	-	96	-	-	14	1	-	1	1	113
Tivat	249	2 367	8	10	187	35	5	17	2	2 880
Tuzi	15	1 276	-	7	99	15	3	10	17	1 442
Ulcinj	430	2 570	-	8	172	25	2	13	7	3 227
Zabljak	5	293	-	-	15	10	1	5	9	338
Zeta	35	1 728	1	3	105	54	45	53	14	2 038

Table 17. Number of first-time registered road motor vehicles and trailers, III quarter 2023

Municipality	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	896	6 316	1	29	476	125	44	165	138	8 190
Andrijevica	-	25	-	-	2	-	-	2	2	31
Bar	54	451	-	-	28	12	1	7	2	555
Berane	8	216	1	5	11	2	2	8	6	259
Bijelo Polje	12	331	-	1	25	15	5	12	8	409
Budva	172	437	-	3	17	2	1	7	5	644
Cetinje	39	228	-	-	12	2	1	3	-	285
Danilovgrad	11	109	-	4	17	4	1	5	7	158
Gusinje	-	20	-	-	3	-	-	3	2	28
Herceg Novi	56	288	-	-	18	5	2	11	2	382
Kolasin	5	37	-	-	5	2	-	2	-	51
Kotor	101	210	-	3	17	11	-	3	2	347
Mojkovac	1	46	-	-	-	1	-	5	2	55
Niksic	31	549	-	2	45	14	9	26	12	688
Petnjica	1	24	-	-	1	-	-	2	1	29
Plav	1	54	-	-	-	1	1	-	-	57
Pljevlja	5	166	-	-	9	4	5	7	5	201
Pluzine	1	10	-	-	1	-	-	1	1	14
Podgorica	234	2 206	-	5	196	28	7	41	30	2 747
Rozaje	5	153	-	1	9	3	3	7	2	183
Savnik	-	7	-	-	-	-	-	1	1	9
Tivat	63	229	-	3	20	8	-	5	2	330
Tuzi	5	130	-	1	7	2	-	1	17	163
Ulcinj	78	209	-	1	21	1	1	4	6	321
Zabljak	-	25	-	-	1	3	-	1	9	39
Zeta	13	156	-	-	11	5	5	1	14	205

Table 18. Number of registered road motor vehicles and trailers by age of vehicle, III quarter 2023

Production age	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	3 864	67 446	81	347	5 311	1 367	470	971	159	80 016
Until 1990	27	1 317	5	1	261	70	-	26	2	1 709
1990-1999	104	6 724	33	21	532	119	21	76	1	7 631
2000	23	1 746	2	4	76	21	6	14	-	1 892
2001	31	3 136	1	9	124	27	4	9	-	3 341
2002	57	3 176	6	23	185	48	5	31	-	3 531
2003	78	3 174	2	18	192	39	2	32	-	3 537
2004	64	3 828	2	19	183	47	8	38	-	4 189
2005	118	4 392	2	20	200	45	10	25	-	4 812
2006	166	5 082	2	29	276	50	15	41	-	5 661
2007	279	5 498	2	53	430	107	45	68	1	6 483
2008	267	5 021	4	34	481	129	44	63	-	6 043
2009	90	2 761	2	17	207	58	14	14	3	3 166
2010	85	2 792	1	10	236	44	17	13	1	3 199
2011	70	2 755	9	12	253	62	27	27	2	3 217
2012	104	2 149	2	11	192	43	20	28	1	2 550
2013	113	1 813	-	4	181	49	32	21	-	2 213
2014	96	1 740	-	4	144	37	42	30	1	2 094
2015	105	1 735	1	4	175	34	37	29	3	2 123
2016	139	1 534	1	3	163	50	31	32	1	1 954
2017	141	1 709	1	8	177	47	29	34	4	2 150
2018	164	1 646	1	8	207	52	25	31	2	2 136
2019	235	1 157	-	6	137	49	7	34	3	1 628
2020	154	567	2	17	82	41	-	29	5	897
2021	150	437	-	8	71	14	4	54	5	743
2022	305	723	-	1	83	60	16	80	18	1 286
2023	699	834	-	3	63	25	9	92	106	1 831

Table 19. Postal activities and telecommunication, III quarter 2023

	IIIQ 2022	IIIQ 2023	Indices		
			IIIQ 2023	IIIQ 2023	I-IIIQ 2023
			IIQ 2023	IIIQ 2022	I-IIIQ 2022
Packages, in thous.	3 637	3 537	89.4	97.3	105.5
Packages, in thous.	10	8	88.9	80.0	76.5
Other printed papers, in thous.	27	17	94.4	63.0	58.0
Fixed telephony minutes, in thous.	15 819	13 979	99.9	88.4	77.6
Mobile telephony minutes, in thous.	786 137	702 907	105.1	89.4	95.0
The number of sent SMS messages, in thous.	64 265	60 017	80.8	93.4	100.8
The number of sent MMS messages, in thous.	58	56	127.3	96.6	90.3
Internet traffic in fixed networks, in thous. GB	144 267	193 847	118.4	134.4	138.3
Internet traffic in mobile networks, in thous. GB	31 160	46 613	136.0	149.6	152.6

METHODOLOGICAL NOTES

It may happen that the total sum does not match the number of individual data, and that the cumulative data is not always equal to the sum of individual quarterly results due to rounding of numbers.

Data source

The data of transport are collected by regular quarterly surveys.

Data source for rail transport are reporting units with carrying passengers and goods by rail as the main activity (Section H, field 49); road passenger transport reporting units with carrying passengers in road transport as the main activity (Section H, field 49); local road traffic reporting units with carrying passengers in local road (urban) transport as the main activity (Section H, field 49); traffic at airports reporting units that perform service activities in air transport (Section H, field 52); air transport reporting units which operate in air transport (Section H, field 51); for report on arrivals and departures of ships, reporting units are the Port Authority and Administration for Maritime Safety and Port Management; reloading the reporting unit which is engaged cargo handling (ship embark and disembark) main activity (Section H, field 52).

The data source for the postal and telecommunications transport is Agency for Electronic Communications and Postal Service.

The data source for the number of road traffic accidents is Montenegro Police Directorate. Data for the number of road traffic accidents for municipality Tuzi and Zeta presented in scope of Capital city Podgorica, municipality Petnjica in scope of municipality Berane and municipality Gusinje in scope of municipality Plav. The data source for the number of registered road motor vehicles and trailers is Ministry of Interiors of Montenegro.

The survey of transport of goods by road is a sample-based survey. Data are collected by interview method. The observation unit is freight road motor vehicle with payload capacity 3 500 kg and higher, as well as tugs. The data sources are natural and legal persons which are owners or operators of vehicles.

The sample frame for road freight transport survey is records of registered vehicles that are obtained from Ministry Interior of Montenegro.

Definitions

Transport is the movement of passengers and goods and from place of loading to place of unloading.

Passenger is every person with ticket or appropriate document with the aim to travel to desired place.

Passenger kilometre presents the transport of one person over the distance of 1 km.

Goods transported are goods transferred based on the contract on transport. The quantity of goods transported is expressed in gross weight, meaning that the quantity of goods covers also the quantity of packaging or packing material (containers).

Tonne-kilometres indicate transport of one-tone goods over the distance of 1 km.

Airport is certain land or water area (including all buildings, facilities, and equipment) intended for aircraft take-off and landing, as well as for movements of aircrafts on the land area, and open for commercial air transport.

Passengers in direct transit are passengers who, after a short stop, continue their journey by plane the same flight number.

The number of commercial operations including take-off and landing aircraft at the reporting airport realized in order to achieve commercial air services (regular and irregular).

Number of total operations includes all take-off and landing aircraft at the reporting airport (except state flights). Included are all commercial operations (regular, emergency operations and general aviation), as well as all the operations of non-commercial general aviation (business, sailing, private, training, testing, positioning, technical stops, etc.). Do not include state flights (military, customs and police).

Ports are places for loading/embarkation and unloading/disembarkation passengers and goods at the seashore built particularly for this purpose, while docks are similar places on riverbanks and lakefronts.

Transhipped tonnes of cargo related to the total amount of cargo that passes through enterprise for cargo handling, where the same load, regardless of the number of manipulations that it has executed, shown only once.

Fixed telecommunication is services providing to users the access to public fixed network at the fixed location, and the use of public accessible telephone service at the fixed location.

Mobile telecommunication is services providing to users the access to public mobile network, and the use of mobile telecommunication services.

Traffic accident is an event that occurred on the road or the start on the road, which was attended by at least one vehicle in motion and in which one or more persons injured or killed or died within 30 days of the result of the traffic accident or result damage to property.

Registered road motor vehicle and trailer are all vehicles registered in the Ministry of Interiors, except military vehicles.

For the first time registered vehicles include: new and imported vehicles, i.e. vehicles with the first-time registration in Montenegro.

Road transport is any movements of goods and/or passengers using a road vehicle on a given road network

National road transport is transport between two places (a place of loading and a place of unloading) located in the same country in which the vehicle is registered.

International road transport is transport between two places (a place of loading and a place of unloading) in two different countries. It may involve transit through one or more additional country or countries.

Cross-trade road transport implies international transport of goods performed by domestic operators with the place of loading and unloading being located in a foreign country.

Transport for hire or reward is the carriage for remuneration, of persons or goods, on behalf of third parties.

Transport on own account is transport which is not for hire or reward.

Goods road motor vehicle is any single road motor vehicle designed to carry goods (lorry), or any coupled combination of road vehicles designed to carry goods, (i.e. lorry with trailer(s), or road tractor with semitrailer and with or without trailer).

Road tractor is road motor vehicle designed, exclusively or primarily, to haul other road vehicles which are not power-driven.

The data are published in line with the Statistical Release Calendar.

More data, as well as detailed methodological notes can be found in the section: [Transport](#)