

RELEASE 61-2/2023

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Quarterly statistics of transport

First quarter 2023

Transport of passengers in the first quarter 2023 compared to the same quarter of the previous year records an increase in: railway transport by 16.7%; road transport by 6.6%; local road transport by 32.4%; and passengers in airports by 78.4%.

Transport of goods in the first quarter 2023 compared to the same quarter of the previous year records in: railway transport decrease by 33.7%, road transport increase by 14.7%, total traffic of goods in ports decrease by 15.3%, and goods in airports increase by 45.3%.

Number of transhipped tonnes in ports in the first quarter 2023 compared to the same quarter of the previous year decreased by 9.6%, and handled tonnes decreased by 13.6%.

Total number of traffic accidents¹ in the first quarter 2023 was 1 353 which is 16.5% higher than in the same quarter of the previous year. Number of casualties² in the first quarter 2023 was 586 (out of which there are 565 injured persons), which is 0.7% an increase of in the same quarter of the previous year.

Number of registered road motor vehicles and trailers in the first quarter 2023 is 58 641, which is an increase of 12.1% in comparison with the same quarter of the previous year. Number of the first-time registered road motor vehicles and trailers³ in the first quarter 2023 is 6 700, which is an increase of 60.9% compared to the same quarter of the previous year.

Table 1. Quarterly transport statistics, I quarter 2023

Indicator	I quarter 2022	I quarter 2023
Number of passengers carried by rail, in thousands.	126	147
Number of passengers carried in road transport, in thousands.	762	812
Number of passengers at airports, in thousands.	170	303
Number of accidents in road traffic	1 161	1 353
Number of registered road motor vehicles and trailers	52 316	58 641

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, I quarter 2023

	IQ 2022	IQ 2023	Indices	
			IQ 2023 IVQ 2022	IQ 2023 IQ 2022
Transport of passengers				
Railway transport, in thousands	126	147	89.6	116.7
Road transport, in thousands	762	812	49.6	106.6
Local road transport, in thousands	262	347	82.4	132.4
Traffic at airports	169 994	303 284	80.8	178.4
Air passengers transported scheduled	31 248	53 297	79.9	170.6
Air passengers transported non-scheduled	375	453	11.2	120.8
Passenger kilometres				
Railway transport, in thousands	7 479	10 611	94.5	141.9
Road transport, in thousands	6 273	8 634	64.7	137.6
Air passenger kilometre scheduled, in tho.	12 315	23 215	70.5	188.5
Air passenger kilometre non-scheduled, in tho.	507	336	4.8	66.3
Transport of goods				
Railway transport, in thousands	341	226	80.7	66.3
Road transport, in thousands	197	226	110.2	114.7
Goods at airports, in tons	95	138	116.0	145.3
Tonne kilometres				
Railway transport, in thousands	47 655	34 208	82.8	71.8
Road transport, in thousands	26 306	24 947	86.7	94.8
Arrival and departure of ships in ports				
Turnover of goods in ports, in tonnes	642 914	544 591	70.4	84.7
Export, in tonnes	449 496	316 470	61.2	70.4
Import, in tonnes	193 418	228 121	89.0	117.9
Transhipped tonnes				
Transhipped tonnes	626 313	566 038	78.4	90.4
Handled tonnes	1 403 509	1 212 362	83.8	86.4

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

	IQ 2023	Structure of traffic, %
Transport of passengers	303 284	100.0
Airport Podgorica	253 723	83.7
Airport Tivat	49 561	16.3
Transport of goods	137.9	100.0
Airport Podgorica	137.5	99.7
Airport Tivat	0.4	0.3
Number of commercial aircraft movements	2 892	100.0
Airport Podgorica	2 250	77.8
Airport Tivat	642	22.2

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

	Total	Airport Podgorica	Airport Tivat
Serbia	107 077	67 960	39 117
Turkey	53 686	44 131	9 555
Germany	27 066	26 872	194
United Kingdom	24 395	23 859	536
Austria	20 615	20 615	-
Italy	18 741	18 741	-
Poland	10 775	10 775	-
Spain	8 714	8 714	-
Belgium	8 339	8 339	-
Hungary	8 196	8 196	-

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

	Total passenger traffic	Passengers carried	Passengers in transit
Total	3 729	-	3 729
Albania	38	-	38
Croatia	3 691	-	3 691

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

	Total turnover in goods, in tonnes	Exports, in tonnes	Imports, in tonnes
Greece	155 374	102 172	53 202
Croatia	104 094	34 760	69 334
Egypt	46 298	11 522	34 776
Italy	39 980	8 410	31 570
Latvia	34 584	34 584	-
Malaysia	30 132	30 132	-
Brazil	24 104	24 104	-
Spain	21 848	14 910	6 938
Turkey	21 781	12 228	9 553
Canada	13 503	13 503	-

Table 7. Road freight transport, I quarter 2023

	Goods carried, in thousands of tonnes	Tonne- kilometres, in thousands	Kilometres made, in thousands
Road goods transport (1+2)	226	24 947	1 194
National transport (1.1 + 2.1)	208	17 316	515
International transport (1.2 + 2.2)	18	7 631	679
Goods loaded/ unloaded in Montenegro (1.2.1 + 2.2.1)	16	7 016	628
Cross-trade transport (1.2.2 + 2.2.2)	2	615	51
1. Road goods transport for hire or reward	35	7 459	742
1.1 National transport	22	1 533	124
1.1 International transport	13	5 926	618
1.2.1 Goods loaded/ unloaded in Montenegro	11	5 311	567
1.2.2 Cross-trade transport	2	615	51
2. Road goods transport on own account	191	17 488	452
2.1 National transport	186	15 783	391
2.2 International transport	5	1 705	61
2.2.1 Goods loaded/ unloaded in Montenegro	5	1 705	61
2.2.2 Cross-trade transport	-	-	-

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

	IQ 2022	IQ 2023	Indices	
			<u>IQ 2023</u> IVQ 2022	<u>IQ 2023</u> IQ 2022
Total number of injury accidents	1 161	1 353	92.6	116.5
Total number of casualties	582	586	78.0	100.7
Number of persons injured	564	565	77.2	100.2
Number of persons killed	18	21	110.5	116.7

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

Municipality	Total	Fatalities	Injured persons	Material damage
	(1)+(2)+(3)	(1)	(2)	(3)
Total	1 353	14	393	946
Andrijevica	5	-	2	3
Bar	153	-	45	108
Berane	20	2	6	12
Bijelo Polje	64	-	27	37
Budva	58	1	20	37
Cetinje	24	-	8	16
Danilovgrad	33	-	9	24
Gusinje	-	-	-	-
Herceg Novi	44	1	10	33
Kolašin	29	1	6	22
Kotor	59	2	10	47
Mojkovac	15	-	9	6
Nikšić	103	3	24	76
Petnjica	1	-	1	-
Plav	2	-	1	1
Pljevlja	17	-	8	9
Plužine	6	-	1	5
Podgorica	652	1	189	462
Rožaje	6	1	2	3
Šavnik	1	-	1	-
Tivat	36	-	4	32
Ulcinj	19	1	6	12
Žabljak	6	1	4	1

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

Municipality	Total persons killed and persons injured	Fatalities	Persons injured
	(1)+(2)	(1)	(2)
Total	586	21	565
Andrijevica	3	-	3
Bar	61	-	61
Berane	12	3	9
Bijelo Polje	40	-	40
Budva	32	2	30
Cetinje	8	-	8
Danilovgrad	11	-	11
Gusinje	-	-	-
Herceg Novi	13	1	12
Kolašin	15	1	14
Kotor	16	2	14
Mojkovac	12	-	12
Nikšić	48	5	43
Petnjica	3	-	3
Plav	1	-	1
Pljevlja	16	-	16
Plužine	1	-	1
Podgorica	265	1	264
Rožaje	7	4	3
Šavnik	3	-	3
Tivat	6	-	6
Ulcinj	7	1	6
Žabljak	6	1	5

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

Municipality	Fatalities	Drivers	Traveling companions	Cyclists	Motorcyclists	Pedestrians
	(1)+(2)+(3)+(4)+(5)	(1)	(2)	(3)	(4)	(5)
Total	21	10	8	-	-	3
Andrijevica	-	-	-	-	-	-
Bar	-	-	-	-	-	-
Berane	3	2	1	-	-	-
Bijelo Polje	-	-	-	-	-	-
Budva	2	-	2	-	-	-
Cetinje	-	-	-	-	-	-
Danilovgrad	-	-	-	-	-	-
Gusinje	-	-	-	-	-	-
Herceg Novi	1	-	-	-	-	1
Kolašin	1	-	1	-	-	-
Kotor	2	1	-	-	-	1
Mojkovac	-	-	-	-	-	-
Nikšić	5	4	1	-	-	-
Petnjica	-	-	-	-	-	-
Plav	-	-	-	-	-	-
Pljevlja	-	-	-	-	-	-
Plužine	-	-	-	-	-	-
Podgorica	1	1	-	-	-	-
Rožaje	4	1	3	-	-	-
Šavnik	-	-	-	-	-	-
Tivat	-	-	-	-	-	-
Ulcinj	1	1	-	-	-	-
Žabljak	1	-	-	-	-	1

Table 12. Number of fatalities and injuries in road transport by municipalities, I quarter 2023

Municipality	Fatalities	Male	Female
	(1)+(2)	(1)	(2)
Total	21	18	3
Andrijevica	-	-	-
Bar	-	-	-
Berane	3	3	-
Bijelo Polje	-	-	-
Budva	2	1	1
Cetinje	-	-	-
Danilovgrad	-	-	-
Gusinje	-	-	-
Herceg Novi	1	1	-
Kolašin	1	1	-
Kotor	2	2	-
Mojkovac	-	-	-
Nikšić	5	5	-
Petnjica	-	-	-
Plav	-	-	-
Pljevlja	-	-	-
Plužine	-	-	-
Podgorica	1	-	1
Rožaje	4	4	-
Šavnik	-	-	-
Tivat	-	-	-
Ulcinj	1	1	-
Žabljak	1	-	1

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

Municipality	Injured persons	Seriously injured	Light injuries
	(1)+(2)	(1)	(2)
Total	565	92	473
Andrijevica	3	-	3
Bar	61	6	55
Berane	9	2	7
Bijelo Polje	40	13	27
Budva	30	6	24
Cetinje	8	1	7
Danilovgrad	11	1	10
Gusinje	-	-	-
Herceg Novi	12	2	10
Kolašin	14	4	10
Kotor	14	4	10
Mojkovac	12	1	11
Nikšić	43	8	35
Petnjica	3	2	1
Plav	1	1	-
Pljevlja	16	5	11
Plužine	1	1	-
Podgorica	264	28	236
Rožaje	3	1	2
Šavnik	3	2	1
Tivat	6	1	5
Ulcinj	6	-	6
Žabljak	5	3	2

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

	IQ 2022	IQ 2023	Indices	
			IQ 2023	IQ 2023
			IVQ 2022	IQ 2022
Number of registered vehicles	52 316	58 641	82.8	112.1
Number of first-time registered vehicles	4 164	6 700	105.5	160.9

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

Quarter	Type of motor energy						Total
	Euro super 95	Euro super 98	Euro diesel	Hybrid and other vehicles	Auto Gas	Electricity	
IQ 2023	9 202	107	46 806	193	1 222	83	57 613
IQ 2022	8 423	67	41 589	7	1 277	73	51 436

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, I quarter 2023

Municipality	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	745	50 363	47	289	4 454	1 041	558	1 028	116	58 641
Andrijevica	-	196	1	-	5	5	-	1	-	208
Bar	72	4 215	3	8	344	71	32	64	2	4 811
Berane	4	1 495	7	5	75	26	14	35	7	1 668
Bijelo Polje	2	2 513	1	10	201	52	54	99	14	2 946
Budva	94	2 734	1	32	181	35	6	22	4	3 109
Cetinje	15	1 278	1	18	80	33	13	32	6	1 476
Danilovgrad	7	1 262	1	40	180	42	17	27	3	1 579
Gusinje	-	148	-	-	14	1	1	5	1	170
Herceg Novi	72	2 585	3	27	184	54	9	18	6	2 958
Kolašin	2	372	-	2	37	9	3	7	1	433
Kotor	102	2 159	5	10	186	61	4	29	1	2 557
Mojkovac	3	383	1	2	22	10	2	9	1	433
Nikšić	26	4 871	9	37	452	103	100	170	19	5 787
Petnjica	-	208	2	3	19	2	-	6	3	243
Plav	2	414	-	2	21	7	1	4	-	451
Pljevlja	-	1 576	-	8	130	38	29	38	2	1 821
Plužine	-	108	2	1	4	2	-	1	1	119
Podgorica	179	16 611	1	38	1 719	337	137	272	35	19 329
Rožaje	1	1 159	5	14	56	32	62	68	2	1 399
Šavnik	-	85	-	-	9	-	-	3	2	99
Tivat	45	1 721	4	13	156	37	3	22	1	2 002
Tuzi	4	830	-	5	100	5	8	18	1	971
Ulcinj	104	1 868	-	12	136	30	1	14	2	2 167
Žabljak	-	178	-	-	16	20	-	1	1	216
Zeta	11	1 394	-	2	127	29	62	63	1	1 689

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

Municipality	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	267	5 519	-	15	442	104	54	200	99	6 700
Andrijevica	-	18	-	-	-	-	-	1	-	19
Bar	26	467	-	1	34	11	2	10	2	553
Berane	1	145	-	-	10	2	-	5	4	167
Bijelo Polje	2	324	-	1	21	8	8	27	12	403
Budva	30	365	-	1	24	3	-	10	3	436
Cetinje	2	188	-	3	8	3	-	3	6	213
Danilovgrad	3	101	-	1	9	9	2	5	2	132
Gusinje	-	12	-	-	2	1	-	1	1	17
Herceg Novi	20	219	-	2	10	2	1	1	3	258
Kolašin	1	37	-	-	3	-	1	5	1	48
Kotor	29	173	-	-	16	3	-	7	-	228
Mojkovac	1	33	-	-	1	-	-	2	1	38
Nikšić	5	548	-	-	43	10	12	29	18	665
Petnjica	-	24	-	1	1	1	-	3	2	32
Plav	-	36	-	-	2	1	-	-	-	39
Pljevlja	-	136	-	-	11	6	4	7	2	166
Plužine	-	11	-	-	1	-	-	-	1	13
Podgorica	77	1 822	-	2	178	32	13	62	34	2 220
Rožaje	1	184	-	-	14	1	4	6	2	212
Šavnik	-	6	-	-	-	-	-	2	2	10
Tivat	14	205	-	3	7	8	-	2	-	239
Tuzi	2	87	-	-	22	-	1	1	-	113
Ulcinj	47	221	-	-	12	2	-	8	2	292
Žabljak	-	22	-	-	-	1	-	-	-	23
Zeta	6	135	-	-	13	-	6	3	1	164

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

Production age	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	745	50 363	47	289	4 454	1 041	558	1 028	116	58 641
Until 1990	1	1 031	1	2	150	34	-	24	3	1 246
1990-1999	15	4 856	23	33	382	67	15	58	2	5 451
2000	5	1 217	-	6	45	14	4	14	1	1 306
2001	6	2 252	3	9	117	20	5	23	-	2 435
2002	2	2 412	3	11	165	24	7	26	-	2 650
2003	9	2 352	2	23	153	31	10	40	-	2 620
2004	14	2 959	2	19	189	28	11	41	-	3 263
2005	17	3 329	2	22	191	30	15	45	-	3 651
2006	20	3 874	1	9	237	47	30	51	-	4 269
2007	31	4 040	-	27	402	94	42	74	-	4 710
2008	42	3 684	2	38	389	107	57	78	-	4 397
2009	19	2 021	-	15	189	30	20	11	-	2 305
2010	13	2 081	-	9	177	38	24	30	-	2 372
2011	7	2 110	4	12	238	55	34	40	-	2 500
2012	19	1 522	-	6	154	56	19	27	-	1 803
2013	18	1 336	1	7	157	39	35	27	-	1 620
2014	17	1 381	-	8	153	52	44	45	-	1 700
2015	17	1 426	1	10	139	33	43	36	-	1 705
2016	11	1 283	-	6	167	58	45	31	-	1 601
2017	11	1 268	-	3	137	24	38	40	3	1 524
2018	33	1 130	-	5	146	58	15	31	1	1 419
2019	44	915	2	3	117	32	25	43	2	1 183
2020	53	454	-	2	82	12	1	37	3	644
2021	63	423	-	3	66	18	6	50	22	651
2022	174	832	-	1	101	37	8	94	71	1 318
2023	84	175	-	-	11	3	5	12	8	298

Table 19. Postal activities and telecommunication, I quarter 2023

	IQ 2022	IQ 2023	Indices	
			<u>IQ 2023</u> IVQ 2022	<u>IQ 2023</u> IQ 2022
Packages, in thous.	3 591	4 091	90.7	113.9
Packages, in thous.	10	9	69.2	90.0
Other printed papers, in thous.	23	23	79.3	100.0
Fixed telephony minutes, in thous.	20 975	14 717	89.4	70.2
Mobile telephony minutes, in thous.	617 414	606 174	93.5	98.2
The number of sent SMS messages, in thous.	62 541	56 670	90.8	90.6
The number of sent MMS messages, in thous.	45	40	90.9	88.9
Internet traffic in fixed networks, in thous. GB	116 297	160 247	76.3	137.8
Internet traffic in mobile networks, in thous. GB	19 932	32 439	111.5	162.7

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-tonne 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.

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.

When using data please name the source: „Data source: Statistical Office of Montenegro“

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