

Quarterly statistics of transport IV quarter 2017^(p)

Transport of passengers in the fourth quarter of 2017, compared to the same quarter of the previous year increased to road transport by 0.1%, local road for 2.0%, the carriage of passengers at airports by 19.9 % and non scheduled air for 100.3%, while the decrease registered in rail transport for 25.3% and in the scheduled air transport for 1.6%.

The transport of goods in the fourth quarter of 2017, compared to the same quarter last year increased on the total turnover of goods in ports by 20.7%, while the decrease registered in rail transport for 20.8% and in transport of goods on the airports for 4.4%.

Number of trans-shipment tonnes in the ports in the fourth quarter of 2017, compared to the same quarter of the previous year increased by 52.0%, at the manipulated tonnes registered decreased by 9.5%.

Number of minutes in fixed telecommunication in the fourth quarter of 2017 compared to the same quarter of the previous year decreased by 25,2% at the minutes of mobile telephony by 3.2%.

Total number of injury accidents¹ on roads in the fourth quarter 2017 totaled 1 412 which is 11.0% more than the same quarter of the 2016. Number of casualties² in the fourth quarter 2017 amounted to 672 (of which 662 injuries), which is 29.2% more than the same quarter 2016.

Number of registered road motor vehicles and trailers in the fourth quarter 2017 is 55 294 which is a increase of 1.9% in comparison with the same quarter of previous year. Number of first time registered road motor vehicles and trailers in the fourth quarter 2017 is 5 455 which is a increase of 11.7% in comparison with the same quater of previous year.³

In the fourth quarter of 2017 road goods motor vehicles transported a 220 thousands tons of goods and performed 20 974 thousand tonne-kilometers. Kilometres travelled by loaded vehicles was 1 046 thousands kilometres. In the structure of transported goods, national transport participates with 87.3% or 192 thousands tons of goods, while international transport participates with 12.7%, or 28 thousands tons of goods. In the structure of performed tonne-kilometers internal transport participates with 52.8% or 11 079 thousands tonne-kilometers and international transport with 47.2% or 9 895 thousands tonne-kilometers.

Table 1. Quarterly statistics of transport, IV quarter 2017

Indicator	IV quater 2016	IV quater 2017
Number of passengers carried by rail, in thousands.	269	201
Number of passengers carried in road transport, in thousands.	1 784	1 785
The number of passengers at airports, in thousands.	263	315
The number of accidents in road traffic	1 272	1 412
Number of registered road motor vehicles and trailers	54 255	55 294

^(p) Preliminary data

¹ Total number of injury accidents includes: accidents without persons killed and persons injured, accidents with persons killed, accidents with persons killed and persons injured, accidents with persons injured.

² Casualties are any person killed or injured as a result of an injury accident.

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

Table 2. Transport of passengers and goods by type of transport

	2016	2017	Indices			
	QIV 2016	QIV 2017	QIV 2017 Ø 2010	QIV 2017 QIII 2017	QIV 2017 QIV 2016	QI-IV 2017 QI-IV 2016
Transport of passengers						
Railway transport, <i>in thousands</i>	269	201	106.5	72.3	74.7	72.2
Road transport, <i>in thousands</i>	1 784	1 785	115.0	72.1	100.1	100.4
Local road transport, <i>in thousands</i>	253	258	174.9	104.9	102.0	102.7
Traffic at airports	262 859	315 078	104.5	28.8	119.9	117.7
Air passengers transported scheduled	94 814	93 258	61.6	44.1	98.4	93.5
Air passengers transported non scheduled	1 954	3 913	55.1	28.7	200.3	108.5
Maritime transport	3 297	...	...	...	...	...
Passenger kilometers						
Railway transport, <i>in thousands</i>	16 945	13 106	57.8	66.4	77.3	71.4
Road transport, <i>in thousands</i>	24 451	24 964	123.5	50.3	102.1	100.3
Air passenger kilometre scheduled, <i>in tho.</i>	69 679	65 700	48.0	29.7	94.3	89.0
Air passenger kilometre non scheduled, <i>in tho.</i>	1 234	3 202	77.5	19.8	259.5	234.7
Transport of goods						
Railway transport, <i>in thousands in tones</i>	554	439	144.8	120.6	79.2	114.9
Goods at airports, <i>in tons</i>	225	215	39.8	86.7	95.6	96.3
Maritime transport, <i>in tonas</i>	8 445	...	...	...	...	...
Ton-kilometers						
Railway transport, <i>in thousands</i>	31 608	49 739	132.0	125.3	157.4	150.2
Arrival and departure of ships in ports						
Turnover of goods in ports, <i>in tonas</i>	403 728	487 327	110.8	88.8	120.7	127.4
Eksport, <i>in tonas</i>	154 481	262 012	125.4	96.9	169.6	149.5
Import, <i>in tonas</i>	249 247	225 155	112.8	81.0	90.3	109.4
Transshipment in ports						
Trans-shipped tones	435 655	662 111	144.3	106.8	152.0	143.7
Manipulated tones	1 021 428	923 887	99.4	103.3	90.5	99.4

...- data not available

Table 3. Traffic of passengers and goods in airports, IV quarter 2017 ⁴

	2017
	QIV 2017
Number commercial aircraft movements	3 645
Traffic of passengers	313 528
Traffic of freight, <i>in tonas</i>	213

Table 4. Structure of traffic at airports, IV quarter 2017 ⁴

	2017		Structure of traffic, %
	QIV 2017		
Total	313 528		100.0
Airport Podgorica	219 633		70.1
Airport Tivat	93 895		29.9

Table 5. Top 10 countries, by traffic of passengers realised with montenegrin airports, IV quarter 2017 ⁴

	Total	Airoport Podgorica	Airoport Tivat
	QIV 2017		
Serbia	104 875	71 841	33 034
Russia	45 360	527	44 833
Turkey	24 597	24 597	-
Germany	22 914	21 992	922
Italy	18 381	17 519	862
United Kingdom	15 101	9 201	5 900
Austria	13 988	13 988	-
Slovenia	12 687	12 687	-
Israel	10 280	6 660	3 620
Belgium	9 895	9 375	520

Table 6. Postal activities and telecommunication

	2016	2017	Indices			
	QIV 2016	QIV 2017	$\frac{\text{QIV 2017}}{\text{Ø 2010}}$	$\frac{\text{QIV 2017}}{\text{QIII 2017}}$	$\frac{\text{QIV 2017}}{\text{QIV 2016}}$	$\frac{\text{QI-IV 2017}}{\text{QI-IV 2016}}$
Letters, <i>in thousands</i>	4 520	4 176	220.1	109.1	92.4	109.7
Packages, <i>in thousands</i>	44	17	272.0	130.8	38.6	45.7
Other printed papers, <i>in thousands</i>	77	45	28.0	155.2	58.4	33.5
Fixed telephony minutes, <i>in thousands</i>	50 208	37 555	39.5	98.9	74.8	82.1
Mobile telephony minutes, <i>in thousands</i>	556 482	538 819	170.7	86.1	96.8	100.5

⁴ Data of the pilot survey of air transport "Turnover of passengers, freight and mail by pairs of airports in departure / arrival of aircraft at the reported airport" are harmonized with the Regulation (EC) No. 437/2003 and include scheduled and non- scheduled commercial flights to the Montenegrin airports. In data do not include non-commercial general aviation operations as well as state flights (military, customs, police).

Table 7. Road goods transport, IV quarter 2017

A = B + C	Goods carried, In thousands tones	Tonne-kilometres, In thousands	Kilometres made, in thousands
Total (1+2)	220	20 974	1 046
1. National transport	192	11 079	455
2. International transport (2.1+2.2)	28	9 895	591
2.1 Goods loaded/ unloaded in Montenegro	27	9 164	554
2.2 Cross-trade and cabotage	1	731	37

Table 8. Road goods transport for hire or reward, IV quarter 2017

B	Goods carried, In thousands tones	Tonne-kilometres, In thousands	Kilometres made, in thousands
Total (1+2)	49	9 477	619
1. National transport	27	1 252	95
2. International transport (2.1+2.2)	22	8 225	524
2.1 Goods loaded/ unloaded in Montenegro	21	7 494	487
2.2 Cross-trade and cabotage	1	731	37

Table 9. Road goods transport on own account, IV quarter 2017

C	Goods carried, In thousands tones	Tonne-kilometres, In thousands	Kilometres made, in thousands
Total (1+2)	171	11 497	427
1. National transport	165	9 827	360
2. International transport (2.1)	6	1 670	67
2.1 Goods loaded/ unloaded in Montenegro	6	1 670	67
2.2 Cross-trade and cabotage	-	-	-

Table 10. Number of injury accidents in road transport

	2016	2017	Indices			
	QIV 2016	QIV 2017	$\frac{\text{QIV 2017}}{\text{Ø 2010}}$	$\frac{\text{QIV 2017}}{\text{QIII 2017}}$	$\frac{\text{QIV 2017}}{\text{QIV 2016}}$	$\frac{\text{QI-IV 2017}}{\text{QI-IV 2016}}$
Total number of injury accidents	1 272	1 412	61.8	82.6	111.0	108.6
Total number of casualties	520	672	122.5	77.0	129.2	111.9

Table 11. Number of injury accidents by municipalities, IV quarter 2017

Municipality	Total	Without persons killed and persons injured	With persons killed	With persons killed and persons injured	With persons injured
	(1)+(2)+(3)+(4)	(1)	(2)	(3)	(4)
Sum	1 412	957	8	1	446
Andrijevisa	2	1	-	-	1
Bar	96	62	1	-	33
Berane	16	8	-	-	8
Bijelo Polje	38	17	-	-	21
Budva	63	46	1	-	16
Cetinje	35	14	1	-	20
Danilovgrad	28	17	-	-	11
Herceg Novi	51	37	-	-	14
Kolasin	31	22	-	-	9
Kotor	52	39	2	-	11
Mojkovac	17	12	-	-	5
Niksic	206	158	-	-	48
Plav	1	1	-	-	-
Pljevlja	25	18	-	-	7
Pluzine	3	1	-	-	2
Podgorica	652	437	3	1	211
Rozaje	27	17	-	-	10
Šavnik	2	2	-	-	-
Tivat	36	26	-	-	10
Ulcinj	23	15	-	-	8
Žabljak	8	7	-	-	1

Table 12. Number of persons killed and persons injured by municipalities, IV quarter 2017

Municipality	Total persons killed and persons injured	Persons injured	Prsons killed
	(1) + (2)	(1)	(2)
Sum	672	10	662
Andrijevisa	1	-	1
Bar	45	1	44
Berane	8	-	8
Bijelo Polje	35	-	35
Budva	21	2	19
Cetinje	24	1	23
Danilovgrad	20	-	20
Herceg Novi	18	-	18
Kolasin	11	-	11
Kotor	40	2	38
Mojkovac	6	-	6
Niksic	90	-	90
Plav	0	-	-
Pljevlja	13	-	13
Pluzine	3	-	3
Podgorica	300	4	296
Rozaje	10	-	10
Šavnik	0	-	-
Tivat	16	-	16
Ulcinj	9	-	9
Žabljak	2	-	2

Table 13. Number of registered road motor vehicles and trailers

	2016	2017	Indices			
	QIV 2016	QIV 2017	$\frac{\text{QIV 2017}}{\text{Ø 2010}}$	$\frac{\text{QIV 2017}}{\text{QIII 2017}}$	$\frac{\text{QIV 2017}}{\text{QIV 2016}}$	$\frac{\text{QI-IV 2017}}{\text{QI-IV 2016}}$
Number of registered vehicles	54 255	55 294	117.7	91.9	101.9	104.9
Number of first time registered vehicles	4 884	5 455	206.4	98.8	111.7	115.8

Table 14. Number of registered road motor vehicles by type of motor energy

Quater	Type of motor energy						Sum ⁵
	Euro super 95	Euro super 98	Euro diesel	Mixture	Auto Gas	Electricity	
QIV 2017	12 760	110	39 810	1	2 000	10	54 691
QIV 2016	13 950	110	37 479	3	2 130	17	53 689

⁵ 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 15. Number of registered road motor vehicles and trailers, IV quarter 2017

Type of vehicle/ Municipality	Motorcycles	Passenger cars	Vans	Buses	Goods road vehicles
Sum	227	49 812	93	251	3 759
Andrijevisa	-	225	-	1	15
Bar	27	4 276	9	10	280
Berane	-	1 336	11	5	69
Bijelo Polje	-	2 247	4	11	153
Budva	42	2 784	6	20	179
Cetinje	5	1 343	1	6	76
Danilovgrad	7	1 164	-	16	128
Gusinje	-	147	-	-	2
Herceg Novi	21	3 122	9	19	174
Kolasin	-	380	2	2	25
Kotor	28	2 506	10	7	173
Mojkovac	1	417	1	1	17
Niksic	5	4 668	6	35	365
Petnjica	-	178	6	-	6
Plav	-	396	1	1	9
Pljevlja	1	1 664	3	16	98
Pluzine	1	104	1	1	7
Podgorica	45	17 756	1	63	1 651
Rozaje	-	1 076	15	16	42
Tivat	19	1 670	6	5	135
Ulcinj	25	2 080	1	15	136
Savnik	-	92	-	1	3
Zabljak	-	181	-	-	16

Table 15. Number of registered road motor vehicles and trailers, IV quarter 2017

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Type of vehicle/ Municipality	Specialpurpose vehicles	Road tractors	Trailers	Agricultural tractors	Sum
Sum	152	324	603	73	55 294
Andrijevisa	2	-	3	-	246
Bar	15	15	39	-	4 671
Berane	8	14	23	10	1 476
Bijelo Polje	21	22	47	15	2 520
Budva	13	1	10	-	3 055
Cetinje	3	11	25	-	1 470
Danilovgrad	-	6	6	2	1 329
Gusinje	1	-	-	4	154
Herceg Novi	19	19	32	1	3 416
Kolasin	-	-	5	1	415
Kotor	32	8	21	-	2 785
Mojkovac	4	-	1	3	445
Niksic	-	40	60	4	5 183
Petnjica	-	1	1	1	193
Plav	1	1	1	-	410
Pljevlja	4	6	23	9	1 824
Pluzine	-	-	2	1	117
Podgorica	1	144	244	10	19 915
Rozaje	5	30	46	4	1 234
Tivat	9	3	9	-	1 856
Ulcinj	9	3	5	2	2 276
Savnik	-	-	-	3	99
Zabljak	5	-	-	3	205

Table 16. Number of first time registered road motor vehicles and trailers, IV quarter 2017

Type of vehicle/ Municipality	Motorcycles	Passenger cars	Vans	Buses	Goods road vehicles
Sum	41	4 722	2	20	457
Andrijevisa	-	20	-	-	2
Bar	6	376	-	-	37
Berane	-	125	-	-	6
Bijelo Polje	-	254	-	-	17
Budva	2	204	-	-	12
Cetinje	1	135	-	-	9
Danilovgrad	1	109	-	-	17
Gusinje	-	14	-	-	-
Herceg Novi	3	227	-	5	17
Kolasin	-	20	-	-	2
Kotor	5	192	1	3	16
Mojkovac	-	43	-	-	2
Niksic	-	453	-	3	33
Petnjica	-	23	-	-	-
Plav	-	34	-	-	2
Pljevlja	1	144	-	3	9
Pluzine	-	7	-	-	1
Podgorica	11	1 874	-	4	229
Rozaje	-	132	1	1	11
Tivat	6	125	-	1	20
Ulcinj	5	185	-	-	13
Savnik	-	13	-	-	1
Zabljak	-	13	-	-	1

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Type of vehicle/ Municipality	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Sum
Sum	2	57	90	64	5 455
Andrijevisa	-	-	-	-	22
Bar	-	-	4	-	423
Berane	-	4	7	7	149
Bijelo Polje	-	1	4	12	288
Budva	-	-	1	-	219
Cetinje	-	1	2	-	148
Danilovgrad	-	2	4	2	135
Gusinje	-	-	-	4	18
Herceg Novi	-	3	5	1	261
Kolasin	-	-	-	1	23
Kotor	1	2	1	-	221
Mojkovac	-	-	-	3	48
Niksic	-	8	5	4	506
Petnjica	-	-	-	1	24
Plav	-	-	-	-	36
Pljevlja	-	2	2	8	169
Pluzine	-	-	1	1	10
Podgorica	-	25	43	10	2 196
Rozaje	-	6	9	4	164
Tivat	1	1	2	-	156
Ulcinj	-	2	-	1	206
Savnik	-	-	-	2	16
Zabljak	-	-	-	3	17

**Table 17. Number of registered road motor vehicles and trailers by age of vehicle,
IV quarter 2017**

Production age	Motorcycles	Passenger cars	Vans	Buses	Goods road vehicles
Sum	227	49 812	93	251	3 759
Do 1979	-	60	2	1	43
1980-1989	1	2 896	15	14	268
1990-1994	1	5 176	18	27	227
1995	1	1 187	3	8	56
1996	2	1 290	5	11	51
1997	4	1 304	10	15	74
1998	1	1 348	2	12	88
1999	2	1 208	2	5	68
2000	3	1 925	1	5	58
2001	3	3 257	1	13	143
2002	4	3 172	7	18	209
2003	18	3 094	3	27	184
2004	8	3 054	1	11	235
2005	12	2 632	7	8	227
2006	15	2 417	1	5	205
2007	29	2 840	1	18	285
2008	20	2 498	2	20	292
2009	12	1 552	2	3	112
2010	10	1 648	2	2	110
2011	4	1 736	6	11	135
2012	11	1 244	-	-	140
2013	8	1 091	-	2	77
2014	14	908	-	3	63
2015	8	810	1	1	126
2016	17	617	1	5	144
2017	19	848	-	6	139

**Table 17. Number of registered road motor vehicles and trailers by age of vehicle,
IV quarter 2017**

/continue/

Production age	Special purpose vehicles	Road tractors	Trailers	Agricultural tractor	Sum
Sum	152	324	603	73	55 294
Do 1979	5	-	9	-	120
1980-1989	22	-	39	-	3 255
1990-1994	9	6	36	1	5 501
1995	-	2	7	1	1 265
1996	3	2	8	-	1 372
1997	3	8	8	-	1 426
1998	2	9	21	1	1 484
1999	1	7	21	-	1 314
2000	4	14	18	-	2 028
2001	6	14	18	-	3 455
2002	6	12	22	-	3 450
2003	7	11	26	-	3 370
2004	3	14	33	-	3 359
2005	3	21	37	-	2 947
2006	10	16	35	-	2 704
2007	17	54	66	1	3 311
2008	23	35	63	1	2 954
2009	6	20	8	1	1 716
2010	6	15	12	-	1 805
2011	3	17	14	-	1 926
2012	8	4	6	-	1 413
2013	1	10	11	-	1 200
2014	-	7	14	2	1 011
2015	-	2	9	2	959
2016	4	11	18	21	838
2017	-	13	44	42	1 111

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.

Source of data

The data of transport are the result of regular quarterly surveys.

Data source for rail transport are reporting units with the carriage of passengers and goods by rail prevailing activity (Section H, field 49); road passenger traffic reporting units with the carriage of passengers in road traffic prevailing activity (Section H, field 49); local road traffic reporting units with the carriage of passengers in local road (urban) traffic prevailing activity (Section H, field 49); traffic at airports reporting units that perform service activities in air traffic (Section H, field 52); air traffic reporting units which operate in air traffic (Section H, field 51); maritime traffic reporting units with the carriage of goods and passengers in maritime transport prevailing activity (Section H, field 50); to report on the arrival and departure of ships reporting units are the Port Authority; reloading the reporting unit which is engaged manipulating freight (shipping in ships and unloading from them) prevailing activity (Section H, field 52).

Source data for the postal and telecommunications traffic is Agency for electronic communications and postal service.

Source data for the number of road traffic accidents is Montenegro police directorate and the number of registered road motor vehicles and trailers Ministry of Interior of Montenegro.

The survey of transport of goods by road is conducted on a sample. Data are collected through benchmarking. The observation unit is goods road motor vehicle with payload capacity 3500 kg and higher, as well as tractors. The data sources are natural and legal persons which are owners or operators of vehicles.

Frame for sample selection of transport of goods by road survey is a database 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.

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, 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.

Trans-shipped tons of cargo related to the total amount of cargo that passes through the transshipment business entity, where the same load, regardless of the number of manipulations that it has executed, shown only once.

Manipulated tons are a unit of performance that expresses the sum of operations registered by kind that are made (unloading, loading, reloading the direct transfer).

Postal service is a service of receiving, processing, transfer and delivering letter mails in accordance with accepted standards.

Letter is a type of communication in written form on paper or other appropriate data carrier, which must be sent and delivered to the address indicated by the sender on the item or letter cover.

The package is a postal consignment containing goods and items.

Other printed papers are printed publications issued by the publisher of a daily, occasionally or in a given period (newspapers and magazines).

Telecommunication services cover transfer of voice, data, text, and sound, and video material by the transmission equipment based on single technology or combination of several technologies.

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.

Cabotage transport is national road transport performed by a motor vehicle registered in another country.

Cross-trade road transport is international road transport performed by a road motor vehicle registered in a third 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.

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Release prepared by:

Jelena POPOVIC

Phone +382-20-231-004;

E-mail: contact@monstat.org