

## SAOBRAĆAJ, SKLADIŠTENJE I VEZE

### Izvori i metode prikupljanja podataka

Podaci željezničkog saobraćaja, drumskog putničkog, pomorskog saobraćaja, pretovara u lukama i prometa na aerodromima, rezultat su redovnih kvartalnih i godišnjih izvještaja izvještajnih jedinica kojima je saobraćaj pretežna djelatnost.

Izvor podataka za broj saobraćajnih nezgoda na putevima je Uprava policije Crne Gore, a za broj registrovanih drumskih motornih i priključnih vozila Ministarstvo unutrašnjih poslova Crne Gore.

Istraživanje teretnog drumskog saobraćaja se sprovodi na uzorku. Jedinica posmatranja je teretno vozilo za prevoz robe korisne nosivosti 3 500 kg i veće, kao i tegljači. Izvor podataka su pravna i fizička lica koja su vlasnici ili korisnici vozila. Okvir za izbor uzorka je evidencija registrovanih vozila koja se dobija od Ministarstva unutrašnjih poslova Crne Gore.

### Obuhvat

Istraživanjima su obuhvaćena preduzeća sa 5 i više zaposlenih koja su u statističkom biznis registru razvrstana prema klasifikaciji djelatnosti u sektor H - oblasti 49, 50, 51, 52, 53 i sektor J - oblast 61.

### Definicije

Pod *prevozom* u saobraćaju podrazumijeva se kretanje putnika i tereta od mjesta ukrcavanja do mjesta iskrcavanja, a predstavlja rad saobraćajnih organizacija. Promet u stanicama, u lukama, pristaništima i aerodromima je ukrcavanje odnosno iskrcavanje, tranzit putnika i robe.

*Tonski kilometar* označava prevoz jedne tone robe na rastojanju od 1 km.

*Putnički kilometar* označava prevoz jednog putnika na rastojanju od 1 km.

Pod *prometom* podrazumijeva se samo ukrcavanje odnosno iskrcavanje u stanicama, lukama i pristaništima.

*Bruto registar-tona brodova* je zapreminska mjera od 2,83m<sup>3</sup>. BRT obuhvata cio zatvoreni prostor broda ispod i iznad palube, a NRT samo koristan prostor. DWT označava bruto nosivost broda, tj. ukupnu dozvoljenu težinu tereta koji se može jednovremeno smjestiti u brod.

*Luke* su mjesta ukrcavanja i iskrcavanja putnika i tereta na morskoj obali, koja su posebno izgrađena za tu svrhu, dok su pristaništa takva mjesta na obalama rijeka i jezera.

*Javni prevoz* je prevoz putnika i tereta koji je pod jednakim uslovima dostupan svim korisnicima prevoznih usluga i vrši se u komercijalne svrhe.

*Pismonosna pošiljka* je vrsta komunikacije u pisanom obliku otštampana na papiru ili drugom odgovarajućem nosiocu podataka, koji je potrebno poslati i dostaviti na adresu koju je naveo pošiljalac na samoj pismonosnoj pošiljci ili njenom omotu.

*Tiskovina* je poštanska pošiljka koja sadrži knjige, novine, časopisi i sl.

*Paket* je poštanska pošiljka koja sadrži robu i predmete.

*Registrovana drumaska motorna i priključna vozila* su sva ona vozila koja su registrovana kod Ministarstva unutrašnjih poslova, osim vozila oružanih snaga.

*Saobraćajna nezgoda* je događaj koji se dogodio na putu ili je započeo na putu, u kojem je učestvovalo najmanje jedno vozilo u pokretu i u kojem je jedno ili više lica povrijeđeno ili poginulo ili je preminulo u roku od 30 dana od posljedica te saobraćajne nezgode ili je nastala materijalna šteta.

## TRANSPORT, STORAGE AND COMMUNICATIONS

### Sources and methods of data collection

Data for rail transport, road passenger transport, maritime transport, trans-shipment in ports and traffic at airport, are result of regular quarterly and annual reports of reporting units, where the transport prevailing activity.

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 road goods transport is conducted on a sample. The observation unit is goods road motor vehicle with payload capacity 3 500 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 is a database of registered vehicles that are obtained from Ministry Interior of Montenegro

### Coverage

The surveys cover enterprises with 5 or more employees who are an statistical business register according to the activity classification in Section H divisions 49, 50, 51, 52, 53 and Section J divisions 61.

### Definitions

*Transport* is movement of goods and passengers from one place to another and represents the work of transport organizations. Traffic in stations, ports, docks and airports refers to loading/embarking and/or unload/disembarking i.e. transit of passengers and goods.

*One ton-kilometre* (1 tkm) represents the transport of one-ton goods over a distance of one kilometre.

*One passenger kilometre* (1 pkm), represents the transport of one person over a distance of one kilometre.

*Traffic* refers only to loading/embarking or unloading/ disembarking at stations, ports and docks.

*Gross register ton* of ships is a unit of volume equal to 2.83m<sup>3</sup>. GRT covers whole closed space below and above the shipboard, while NRT is a measure of the useful capacity of a vessel. DWT is a deadweight i.e. total allowed weight of cargo which a vessel can lift.

*Ports* are places for embarking and disembarking of passengers and cargo on the seashore, particularly built for that purpose, while docks are similar places on riverbanks and lakefronts.

*Public transport* is the transport of passengers and cargo that is under the same conditions available to all users of transportation services and it is done for commercial purposes.

*Postal item* is a type of communication in written form printed on paper or other appropriate data carrier, which is to be sent and delivered to the address indicated by the sender on the letter's post item or her wrapper.

*Printed matter* is the postal item containing books, newspapers, magazines and etc.

*The package* is a postal item containing goods and objects.

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

*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 a result damage to property.

## 19 – 1. ŽELJEZNIČKE PRUGE I STANICE

## RAILWAYS AND RAILROAD STATIONS

	2010	2011	2012	2013	2014	
Stvarna dužina pruge u km	250	250	250	250	250	<i>Effective length of tracks, km</i>
Normalni kolosjek	250	250	250	250	250	<i>Normal-gage</i>
Ukupan broj stanica <sup>1)</sup>	47	47	50	48	48	<i>Total number of stations<sup>1)</sup></i>
Normalni kolosjek	47	47	50	48	48	<i>Normal-gage</i>

<sup>1)</sup> Obuhvata pored stanica i ukrsnice, otpremništa, raskrsnice, tovarišta i stajališta

<sup>1)</sup> Apart from stations, included are junctions, dispatching points, intersections, loading place, railroad stops

19 – 2. PREVOZ PUTNIKA I ROBE  
U ŽELJEZNIČKOM SAOBRAĆAJURAILWAY TRANSPORT OF  
PASSENGERS AND GOODS

	2010	2011	2012	2013	2014	
Promet putnika, u hiljadama	755	692	781	922	1 122	<i>Passenges, thousands</i>
Putnički kilometri, u hiljadama	90 660	65 100	62 377	73 439	76 142	<i>Passenger kilometers, thousands</i>
Promet robe, u hiljadama tona	1 213	1 050	683	1 049	903	<i>Goods, thousand tonnes</i>
Tonski kilometri, u hiljadama	150 699	135 522	73 337	104 731	94 359	<i>Tonne-kilometers, in thousands</i>

## 19 – 3. KATEGORIZOVANI PUTEVI I MOSTOVI

## CATEGORIZED ROADS AND BRIDGES

	2010	2011	2012	2013	2014	
<b>Putevi ukupno u km po vrstama kolovoza</b>	<b>7 763</b>	<b>7 835</b>	<b>7 905</b>	<b>7 965</b>	<b>8 145</b>	<b><i>Roads by type, total in km</i></b>
Savremeni kolovoz	5 365	5 436	5 562	5 576	5 776	<i>Modern</i>
Asfalt	5 365	5 436	5 562	5 576	5 776	<i>Asphalt</i>
Beton	-	-	-	-	-	<i>Concrete</i>
Kocka	-	-	-	-	-	<i>Tile</i>
Tucanik	1 684	1 680	1 636	1 505	1 483	<i>Gravel</i>
Zemljani i nekategorisani	714	719	706	884	886	<i>Earthen and un categorized roads</i>

## 19 – 4. PRETOVAR PO NAČINU RUKOVANJA

## TRANS-SHIPMENT BY MODE OF HANDLING

hilj. tona

thous. tons

	2010	2011	2012	2013	2014	
Pretovarne (prometne) tone	1 835	1 488	1 230	1 764	1 787	<i>Trans-shipped tones</i>
Tona – operacije (izmanipulirane tone)	3 718	3 369	2 703	2 713	2 760	<i>Tonne-operations (manipulated tonnes)</i>
Mehanizacija	3 718	3 369	2 703	2 713	2 760	<i>Mechanization</i>
Ručno	-	-	-	-	-	<i>Manually</i>

19 – 5. TONA – OPERACIJE PO  
NAČINU MANIPULACIJETONNE-OPERATIONS BY  
TYPE OF MANIPULATION

hilj. tona

thous. tons

	2010	2011	2012	2013	2014	
<b>Tone operacije (izmanipulirane tone)</b>	<b>3 718</b>	<b>3 369</b>	<b>2 703</b>	<b>2 713</b>	<b>2 760</b>	<b>Tonne-operations (manipulated tonnes)</b>
<b>Istovar</b>	<b>1 773</b>	<b>1 661</b>	<b>1 279</b>	<b>1 393</b>	<b>1 436</b>	<b>Unloading</b>
iz vagona	95	67	24	38	126	from waggon
iz broda - teretnjaka	1 051	1 292	1 125	1 152	895	from ship - freighter
iz drumskog vozila	627	302	130	203	415	from road vehicle
<b>Utovar</b>	<b>1 786</b>	<b>1 614</b>	<b>1 334</b>	<b>1 252</b>	<b>1 249</b>	<b>Loading</b>
u vagon	9	23	3	8	6	onto waggon
u brod - teretnjak	1 183	725	1 060	832	759	onto ship - freighter
u drumsko vozilo	594	866	271	412	484	onto road vehicle
<b>Direktan pretovar</b>	<b>146</b>	<b>87</b>	<b>89</b>	<b>68</b>	<b>75</b>	<b>Direct trans-shipment</b>
Iz vagona	47	-	12	-	15	From waggon
u vagon	-	-	-	-	-	onto waggon
u brod - teretnjak	47	-	12	-	15	onto ship - freighter
u drumsko vozilo	-	-	-	-	-	onto road vehicle
Iz broda teretnjaka	92	82	68	62	54	From ship - freighter
u vagon	8	5	5	3	1	onto waggon
u brod - teretnjak	4	-	-	-	-	onto ship - freighter
u drumsko vozilo	80	77	63	59	53	onto road vehicle
Iz drumskog vozila	7	5	9	6	6	From road vehicle
u vagon	2	-	-	-	-	onto waggon
u brod - teretnjak	5	-	9	6	6	onto ship-freighter
u drumsko vozilo	-	-	-	-	-	onto road vehicle

19 – 6. SREDSTVA PREDUZEĆA PRETOVARNE  
DJELATNOSTI U LUKAMAMEANS OF TRANS-SHIPPING  
FIRMS AT PORTS

	Jedinica mjere	2010	2011	2012	2013	2014	Unit of measurement	
Zatvorena skladišta	hilj.m <sup>2</sup>	85	85	85	85	85	thous. m <sup>2</sup>	Indoor warehouses
Hladnjače skladišta	hilj.m <sup>3</sup>	2	2	2	2	2	thous. m <sup>3</sup>	Refrigerated warehouses
Silosi	hilj.m <sup>3</sup>	30	30	30	30	30	thous. m <sup>3</sup>	Silos
Rezervoari za tekući teret	hilj.m <sup>3</sup>	1	1	1	1	1	thous. m <sup>3</sup>	Reservoirs for liquid cargo
Otvorena skladišta	hilj.m <sup>2</sup>	134	134	134	134	134	thous. m <sup>2</sup>	Outdoor warehouses
Partalne i polupartalne dizalice	Broj	15	15	14	13	13	Quantity	Gantry and semi-gantry cranes
	Tone nosiv.	401	401	398	393	393	Ton-capacity	
Mostne dizalice	Broj	3	3	3	3	3	Quantity	Overhead cranes
	Tone nosiv.	36	36	36	36	36	Ton-capacity	
Auto dizalice	Broj	7	7	5	5	4	Quantity	Truck cranes
	Tone nosiv.	200	200	140	140	122	Ton-capacity	
Auto liftovi	Broj	71	71	55	68	65	Quantity	Auto-elevators
	Tone nosiv.	410	410	394	398	389	Ton-capacity	
Specij. postrojenja za kontejnere	Broj	1	1	2	2	2	Quantity	Special plants for containers
	Tone nosiv.	40	40	85	85	85	Ton-capacity	
Rasuti teret	Broj	1	1	1	1	1	Quantity	Bulk cargo
	Tone nosiv.	300	300	300	300	300	Ton-capacity	
Utovarivači	Broj	12	12	16	11	11	Quantity	Loaders
	Tone nosiv.	25	25	32	22	22	Ton-capacity	

19 – 7. SREDSTVA I RAD POMORSKIH  
BRODARSKIH PREDUZEĆAMEANS AND OPERATIONS OF  
MARITIME SHIPPING FIRMS

		2010	2011	2012	2013	2014	
<b>Putnički brodovi</b>							<b>Passenger ships</b>
<b>Broj</b>		2	2	2	1	1	<b>Number</b>
	BRT	15 618	15 618	15 618	8 700	8 700	GRT
Putnička mjesta		1 396	1 396	1 396	920	920	Passenger seats
Nosivost u tonama		5 330	5 330	5 330	3 036	3 036	Carrying capacity, in tons
<b>Teretni brodovi</b>	<b>KW</b>	20 115	20 115	20 115	-	-	<b>Freight ships</b>
<b>Broj</b>		-	1	1	-	-	<b>Number</b>
	BRT	-	3 598	3 200	-	-	GRT
Putnička mjesta	DWT	-	1 225	-	-	-	Passenger seats
	KW	-	2 914	1 284	-	-	DWT
<b>Prevezeni putnici</b>		68 856	69 436	53 259	43 097	42 489	<b>Passengers transported</b>
<b>Prevezena roba u hiljadama tona</b>		442	280	109	51	55	<b>Goods carried thous. of tons</b>
<b>Utrošak pogonskog materijala, t</b>							<b>Fuel consumption, tons</b>
Plinsko ulje		1 764	1 650	867	547	455	Gas oil
Mazut		4 429	4 142	3 829	2 720	2 693	Mazout
Mazivo		142	108	99	63	108	Lubricant
<b>Zaposleni</b>		222	221	221	129	134	<b>Employees</b>
Pomorski saobraćaj		120	125	125	75	81	Maritime transport
Ostale djelatnosti		102	96	96	54	53	Other activities

19 – 8. NABAVKA I UTROŠAK GORIVA I MAZIVA  
PRETOVARNIH PREDUZEĆAPURCHASE AND CONSUMPTION OF FUEL  
AND LUBRICANT BY TRANSSHIPPING FIRMS

	2010	2011	2012	2013	2014	
Električna energija u MWh, utrošeno	13 034	13 108	12 582	9 705	9 801	<i>Electric power in MWh, consumed</i>
Plinsko ulje, u tonama						<i>Gas oil, in tons</i>
<i>Nabavljeno</i>	35	149	206	182	267	<i>purchased</i>
<i>Utrošeno</i>	32	147	205	181	261	<i>consumed</i>
Mazivo u tonama						<i>Lubricant, in tons</i>
<i>Nabavljeno</i>	17	4	24	5	5	<i>purchased</i>
<i>Utrošeno</i>	14	4	24	5	5	<i>consumed</i>

19 – 9. PROMET PUTNIKA I ROBE  
NA AERODROMIMAPASSENGERS AND GOODS  
TRAFFIC AT AIRPORTS

	Putnici / <i>Passengers</i>	Roba u tonama / <i>Goods, in tons</i>
2010	1 205 536	2 159
2011	1 258 835	1 074
2012	1 357 516	766
2013	1 558 940*	768
2014	1 612 130	862

## 19 – 10. DRUMSKI PUTNIČKI SAOBRAĆAJ

## ROAD PASSENGER TRANSPORT

	2010	2011	2012	2013	2014	
<b>AUTOBUSI</b>						<b>BUSES</b>
Ukupno	407	401	378	368	349	<i>Total</i>
Ukupan broj sjedišta	15 515	15 282	16 476	13 768	12 870	<i>Total number of seats</i>
<b>RAD I PREVOZ</b>						<b>TRANSPORTATION</b>
Pređeno km vozila u hiljadama	20 517	18 700	19 086	16 697	16 996	<i>Kilometres travelled, in thous.</i>
Prevezeni putnici u hiljadama	6 209	6 240	5 726	6 220	6 889	<i>Passengers transported, in thous.</i>
Putnički kilometri u milionima	81	80	111	109	108	<i>Passenger-kilometres, in mill.</i>

## 19 – 11. TERETNI DRUMSKI SAOBRAĆAJ

## ROAD GOODS TRANSPORT

	2014		
	<b>PREVEZENA ROBA / GOODS CARRIED</b>		
<b>Ukupno prevezena roba, u hilj. tona</b>	<b>639</b>		<b>Total goods carried, in thous. tones</b>
Unutrašnji prevoz	548		National transport
Međunarodni prevoz	91		International transport
	<b>TONSKI KM / TONNE KILOMETRES</b>		
<b>Tonski km -ukupno, u hilj. tona</b>	<b>122 483</b>		<b>Total tonne kilometres, in thous.</b>
Unutrašnji prevoz	37 256		National transport
Međunarodni prevoz	85 227		International transport
	<b>PREĐENI KM VOZILA SA UTOVAROM KILOMETRES MADE</b>		
<b>Pređeni km -ukupno, u hilj. tona</b>	<b>6 926</b>		<b>Total kilometres made, in thous.</b>
Unutrašnji prevoz	2 244		National transport
Međunarodni prevoz	4 681		International transport

19 – 12. BROJ REGISTROVANIH DRUMSKIH MOTORNIH  
I PRIKLJUČNIH VOZILANUMBER OF REGISTERED ROAD MOTOR  
VEHICLES AND TRAILERS

	2010	2011	2012	2013	2014	
Motocikli	4 492	4 661	4 576	5 046	3 703	Motorcycles
Putnički automobili	164 653	171 973	173 865	178 662	174 073	Passenger cars
Kombi	1 040	1 095	1 030	959	769	Vans
Autobusi	1 140	1 217	1 199	1 246	1 247	Buses
Teretna vozila	12 100	12 394	12 638	12 848	11 992	Goods road vehicles
Specijalna vozila	1 847	2 015	1 409	1 210	934	Special purpose vehicles
Vučna vozila	933	977	1 017	1 035	1 069	Road tractors
Priključna vozila	1 651	1 911	1 915	2 037	2 043	Trailers
Poljoprivredni traktori	57	176	177	223	229	Agricultural tractor
Ukupan broj vozila	187 913	196 419	197 826	203 266	196 059	Total number of vehicle

19 – 13. BROJ SAOBRAĆAJNIH NEZGODA  
U DRUMSKOM SAOBRAĆAJUNUMBER OF INJURY ACCIDENTS  
IN ROAD TRANSPORT

	2010	2011	2012	2013	2014	
Broj saobraćajnih nezgoda ukupno	9 138	8 519	8 103	5 264	5 531	Number of injury accidents
Broj ukupno nastradalih	2 194	2 133	1 768	1 886	1 900	Number of persons killed and persons injured
Broj povrijeđenih lica	2 099	2 075	1 722	1 812	1 835	Number of persons injured
Broj poginulih lica	95	58	46	74	65	Number of persons killed

## 19 – 14. UTROŠAK POGONSKOG GORIVA I MAZIVA U DRUMSKOM SAOBRAĆAJU

## CONSUMPTION OF FUELS AND LUBRICANT IN ROAD TRANSPORT

	2010	2011	2012	2013	2014	
Utrošak plinskog ulja u tonama	7 125	11 746	11 818	10 136	9 877	Gas oil consumption, in tons
Putnički saobraćaj	5 147	7 393	7 327	6 422	6 458	Passenger transport
Teretni saobraćaj	1 978	4 353	4 491	3 714	3 419	Goods transport
Utrošeno mazivo u tonama	242	276	280	241	247	Lubricant consumption, in tons
Putnički saobraćaj	78	198	190	167	169	Passenger transport
Teretni saobraćaj	164	78	90	74	78	Goods transport

## 19 – 15. SREDSTVA PTT SAOBRAĆAJA I VEZA

## MEANS OF POSTAL, TELEGRAPH AND TELEPHONE (PTT) COMMUNICATIONS

	2010	2011	2012	2013	2014	
<b>Jedinice poštanske mreže za pružanje PTT usluga</b>	-	-	135	135	135	<b>Postal network units to provide postal services</b>
Dostavne pošte	-	-	86	89	94	Post offices delivery
Pošte bez dostavnog područja	-	-	45	38	35	Post offices without delivery area
Sezonske pošte	-	-	4	8	6	Seasonal post offices
<b>PREVOZNA SREDSTVA, UKUPNO</b>	<b>286</b>	<b>277</b>	<b>279</b>	<b>272</b>	<b>272</b>	<b>MEANS OF TRANSPORTATION, TOTAL</b>
Poštanski automobili	27	25	23	23	23	Post chaises
Mopedi, bicikli i tricikli	222	222	222	215	215	Mopeds, bicycles and tricycles
Ostalo	37	30	34	34	34	Other
<b>TELEKOMUNIKACIONA MREŽA</b>						<b>TELECOMMUNICATION NETWORK</b>
Pretplatnici fiksne telefonije, ukupno	<b>167 720</b>	<b>170 856</b>	<b>170 212</b>	<b>169 348</b>	<b>164 874</b>	Fixed-line subscribers, total
Pretplatnici mobilne telefonije, ukupno	<b>1 393 297</b>	<b>1 159 112</b>	<b>990 869</b>	<b>996 774</b>	<b>1 013 296</b>	Mobile subscribers, total
Broj pretplatnika po ugovoru	339 629	460 155	316 113	328 018	472 747	Number of subscribers under contract
Broj prepaid pretplatnika	1 053 668	698 957	674 756	668 756	540 549	Pre-paid subscribers

## 19 – 16. POŠTANSKI , TELEGRAFSKI I TELEFONSKI PROMET

## POSTAL, TELEGRAPH AND TELEPHONE COMMUNICATIONS

	2011	2012	2013	2014	
	<b>PISMONOSNE POŠILJKE u hilj.</b>				
	<b>LETTERS, in thous.</b>				
Pisma	7 488*	9 458*	11 335	12 921	Letters
Tiskovine	594*	497*	70	88	Printed papers and other
Paketi	29*	37*	42	67	Packegs
	<b>TELEFONSKI MINUTI u hilj.</b>				
	<b>TELEPHONE MINUTES, in thous.</b>				
Telefonski minuti (fiksna mreža)	423 869	408 638	362 301	282 637	Tel. minutes (fixed telephony)
	<b>TELEFONSKI MINUTI u hilj.</b>				
	<b>TELEPHONE MINUTES, in thous.</b>				
Telefonski minuti (mobilna mreža)	1 803 764	1 972 182	1 989 825	2 202 048	Tel. minutes (mobile telephony)