

RELEASE 22/2024

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Preliminary data

Quarterly statistics of transport

Fourth quarter 2023

Transport of passengers in the fourth quarter 2023 compared to the same quarter of the previous year records in: railway transport increase by 7.3%, road transport increase by 5.1%, local road transport increase by 27.1%, and passengers in airports increase by 15.2%.

Transport of goods in the fourth quarter 2023 compared to the same quarter of the previous year records in: railway transport increase for 12.5%, road transport increase for 18.5%, total traffic of goods in ports decrease for 6.3%, and goods in airports increase for 35.3%.

Number of transhipped tonnes in ports in the fourth quarter 2023 compared to the same quarter of the previous year decrease by 3.7%, and handled tonnes decrease by 2.5%.

Total number of traffic accidents¹ in the fourth quarter 2023 was 1 568 which is 7.3% higher than in the same quarter of the previous year. Number of casualties² in the fourth quarter 2023 was 761 (out of which there are 739 injured persons), which is 1.3% an increase of in the same quarter of the previous year.

Number of registered road motor vehicles and trailers in the fourth quarter 2023 is 74 121, which is an increase of 4.6% in comparison with the same quarter of the previous year. Number of the first-time registered road motor vehicles and trailers³ in the fourth quarter 2023 is 8 145, which is an increase of 28.2% compared to the same quarter of the previous year.

Table 1. Quarterly transport statistics, IV quarter 2023

Indicator	IV quarter 2022	IV quarter 2023
Number of passengers carried by rail, in thousands.	164	176
Number of passengers carried in road transport, in thousands.	1 637	1 720
Number of passengers at airports, in thousands.	375	432
Number of accidents in road traffic	1 461	1 568
Number of registered road motor vehicles and trailers	70 845	74 121

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, IV quarter 2023

	IVQ 2022	IVQ 2023	Indices		
			IVQ 2023	IVQ 2023	I-IVQ 2023
			IIIQ 2023	IVQ 2022	I-IVQ 2022
Transport of passengers					
Railway transport, in thousands	164	176	57.1	107.3	109.8
Road transport, in thousands	1 637	1 720	72.1	105.1	108.4
Local road transport, in thousands	421	535	142.7	127.1	123.8
Traffic at airports	375 261	432 283	39.5	115.2	130.6
Air passengers transported scheduled	66 728	77 280	52.1	115.8	119.4
Air passengers transported non-scheduled	4 051	2 606	4.0	64.3	214.0
Passenger kilometres					
Railway transport, in thousands	11 223	13 162	50.2	117.3	130.9
Road transport, in thousands	13 354	12 219	68.8	91.5	101.0
Air passenger kilometre scheduled, in thous.	32 931	41 861	39.6	127.1	119.0
Air passenger kilometre non-scheduled, in thous.	6 984	4 175	4.5	59.8	178.8
Transport of goods					
Railway transport, in thousands	280	315	86.3	112.5	82.8
Road transport, in thousands	205	243	102.5	118.5	109.8
Goods at airports, in tons	119	161	92.0	135.3	145.3
Tonne kilometres					
Railway transport, in thousands	41 314	45 470	88.2	110.1	86.4
Road transport, in thousands	28 779	32 051	87.9	111.4	109.4
Arrival and departure of ships in ports					
Turnover of goods in ports, in tonnes	773 092	724 278	107.9	93.7	82.3
Export, in tonnes	516 798	474 606	123.7	91.8	77.1
Import, in tonnes	256 294	249 672	86.9	97.4	90.8
Transhipped tonnes					
Transhipped tonnes	721 900	695 501	106.4	96.3	81.3
Handled tonnes	1 446 940	1 411 221	104.9	97.5	81.8

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

	IVQ 2023	Structure of traffic, %
Transport of passengers	432 283	100.0
Airport Podgorica	332 936	77.0
Airport Tivat	99 347	23.0
Transport of goods	160.6	100.0
Airport Podgorica	158.2	98.5
Airport Tivat	2.4	1.5
Number of commercial aircraft movements	3 909	100.0
Airport Podgorica	2 845	72.8
Airport Tivat	1 064	27.2

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

	Total	Airport Podgorica	Airport Tivat
Serbia	128 563	81 190	47 373
Turkey	105 160	81 493	23 667
Germany	36 850	32 522	4 328
Poland	35 395	35 395	-
Austria	31 330	29 515	1 815
United Kingdom	26 864	18 890	7 974
Italy	15 666	15 666	-
Hungary	9 599	9 599	-
Israel	7 307	1 233	6 074
France	6 939	4 532	2 407

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

	Total passenger traffic	Passengers carried	Passengers in transit
Total	115 718	-	115 718
Albania	354	-	354
Bosnia and Herzegovina	1 112	-	1 112
France	3 295	-	3 295
Greece	20 764	-	20 764
Croatia	66 286	-	66 286
Italy	23 907	-	23 907

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

	Total traffic of goods, in tonnes	Exports, in tonnes	Imports, in tonnes
Egypt	171 332	137 032	34 300
Croatia	99 518	1 860	97 658
Singapore	89 240	89 240	-
Greece	88 387	47 686	40 701
Italy	51 788	50 124	1 664
Turkey	34 221	22 597	11 624
Russian Federation	30 000	-	30 000
Malta	28 626	28 626	-
Malaysia	23 656	23 656	-
Republic of Korea	23 337	23 337	-

Table 7. Road freight transport, IV quarter 2023

	Goods carried, in thousands tonnes	Tonne- kilometres, in thousands	Kilometres made, in thousands
Road goods transport (1+2)	243	32 051	1 463
National transport (1.1 + 2.1)	221	21 478	575
International transport (1.2 + 2.2)	22	10 573	888
Goods loaded/ unloaded in Montenegro (1.2.1 + 2.2.1)	19	8 773	778
Cross-trade transport (1.2.2 + 2.2.2)	3	1 800	110
1. Road goods transport for hire or reward	42	11 273	920
1.1 National transport	24	2 948	186
1.1 International transport	18	8 325	734
1.2.1 Goods loaded/ unloaded in Montenegro	15	6 525	624
1.2.2 Cross-trade transport	3	1 800	110
2. Road goods transport on own account	201	20 778	543
2.1 National transport	197	18 530	389
2.2 International transport	4	2 248	154
2.2.1 Goods loaded/ unloaded in Montenegro	4	2 248	154
2.2.2 Cross-trade transport	-	-	-

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

	IVQ 2022	IVQ 2023	Indices		
			IVQ 2023	IVQ 2023	I-IVQ 2023
			IIIQ 2023	IVQ 2022	I-IVQ 2022
Total number of injury accidents	1 461	1 568	76.7	107.3	115.8
Total number of casualties	751	761	78.9	101.3	104.5
Number of persons injured	732	739	78.2	101.0	104.4
Number of persons killed	19	22	115.8	115.8	106.8

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

Municipality	Total	Fatalities	Injured persons	Material damage
	(1)+(2)+(3)	(1)	(2)	(3)
Total	1 568	16	492	1 060
Andrijevica	7	-	3	4
Bar	120	2	28	90
Berane	25	-	10	15
Bijelo Polje	53	1	20	32
Budva	55	-	16	39
Cetinje	29	-	13	16
Danilovgrad	47	1	14	32
Gusinje	1	-	-	1
Herceg Novi	63	-	18	45
Kolasin	37	-	13	24
Kotor	84	1	24	59
Mojkovac	21	-	9	12
Niksic	139	3	38	98
Petnjica	3	-	2	1
Plav	4	1	-	3
Pljevlja	25	1	12	12
Pluzine	6	-	1	5
Podgorica	736	5	233	498
Rozaje	17	-	8	9
Savnik	4	-	3	1
Tivat	51	1	11	39
Ulcinj	24	-	11	13
Zabljak	17	-	5	12

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

Municipality	Total persons killed and persons injured	Fatalities	Persons injured
	(1)+(2)	(1)	(2)
Total	761	22	739
Andrijevica	3	-	3
Bar	41	3	38
Berane	17	-	17
Bijelo Polje	38	1	37
Budva	22	-	22
Cetinje	20	-	20
Danilovgrad	16	1	15
Gusinje	-	-	-
Herceg Novi	25	-	25
Kolašin	23	-	23
Kotor	30	1	29
Mojkovac	15	-	15
Niksic	58	4	54
Petnjica	3	-	3
Plav	5	4	1
Pljevlja	17	1	16
Pluzine	1	-	1
Podgorica	381	6	375
Rozaje	11	-	11
Savnik	3	-	3
Tivat	12	1	11
Ulcinj	12	-	12
Zabljak	8	-	8

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

Municipality	Fatalities	Drivers	Traveling companions	Cyclists	Motorcyclists	Pedestrians
	(1)+(2)+(3)+(4)+(5)	(1)	(2)	(3)	(4)	(5)
Total	22	10	5	-	1	6
Andrijevica	-	-	-	-	-	-
Bar	3	2	1	-	-	-
Berane	-	-	-	-	-	-
Bijelo Polje	1	-	1	-	-	-
Budva	-	-	-	-	-	-
Cetinje	-	-	-	-	-	-
Danilovgrad	1	-	-	-	-	1
Gusinje	-	-	-	-	-	-
Herceg Novi	-	-	-	-	-	-
Kolasin	-	-	-	-	-	-
Kotor	1	-	-	-	-	1
Mojkovac	-	-	-	-	-	-
Niksic	4	2	1	-	1	-
Petnjica	-	-	-	-	-	-
Plav	4	2	2	-	-	-
Pljevlja	1	-	-	-	-	1
Pluzine	-	-	-	-	-	-
Podgorica	6	4	-	-	-	2
Rozaje	-	-	-	-	-	-
Savnik	-	-	-	-	-	-
Tivat	1	-	-	-	-	1
Ulcinj	-	-	-	-	-	-
Zabljak	-	-	-	-	-	-

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

Municipality	Fatalities	Male	Female
	(1)+(2)	(1)	(2)
Total	22	15	7
Andrijevica	-	-	-
Bar	3	3	-
Berane	-	-	-
Bijelo Polje	1	-	1
Budva	-	-	-
Cetinje	-	-	-
Danilovgrad	1	1	-
Gusinje	-	-	-
Herceg Novi	-	-	-
Kolasin	-	-	-
Kotor	1	1	-
Mojkovac	-	-	-
Niksic	4	3	1
Petnjica	-	-	-
Plav	4	3	1
Pljevlja	1	-	1
Pluzine	-	-	-
Podgorica	6	3	3
Rozaje	-	-	-
Savnik	-	-	-
Tivat	1	1	-
Ulcinj	-	-	-
Zabljak	-	-	-

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

Municipality	Injured persons	Seriously injured	Light injuries
	(1)+(2)	(1)	(2)
Total	739	135	604
Andrijevica	3	1	2
Bar	38	13	25
Berane	17	5	12
Bijelo Polje	37	7	30
Budva	22	6	16
Cetinje	20	7	13
Danilovgrad	15	3	12
Gusinje	-	-	-
Herceg Novi	25	5	20
Kolasin	23	9	14
Kotor	29	13	16
Mojkovac	15	2	13
Niksic	54	7	47
Petnjica	3	1	2
Plav	1	-	1
Pljevlja	16	3	13
Pluzine	1	-	1
Podgorica	375	43	332
Rozaje	11	1	10
Savnik	3	1	2
Tivat	11	3	8
Ulcinj	12	2	10
Zabljak	8	3	5

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

	IVQ 2022	IVQ 2023	Indices		
			IVQ 2023	IVQ 2023	I-IVQ 2023
			IIIQ 2023	IVQ 2022	I-IVQ 2022
Number of registered vehicles	70 845	74 121	92.5	104.6	106.9
Number of first-time registered vehicles	6 353	8 145	99.5	128.2	143.3

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

Quarter	Type of motor energy						Total
	Euro super 95	Euro super 98	Euro diesel	Hybrid and other vehicles	Auto Gas	Electricity	
IVQ 2022	11 956	93	56 146	8	1 598	96	69 897
IVQ 2023	11 619	111	59 338	470	1 376	209	73 123

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, IV quarter 2023

Municipality	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	798	64 614	47	248	5 575	1 229	544	998	68	74 121
Andrijevica	1	260	-	2	25	3	-	4	-	295
Bar	92	6 004	4	5	447	88	26	66	3	6 735
Berane	2	1 822	2	8	109	38	11	23	2	2 017
Bijelo Polje	7	2 823	5	9	225	57	36	87	12	3 261
Budva	77	3 784	4	24	268	54	3	19	2	4 235
Cetinje	16	1 539	-	5	103	32	11	17	1	1 724
Danilovgrad	9	1 529	-	6	205	30	9	23	-	1 811
Gusinje	-	164	-	1	11	4	-	2	-	182
Herceg Novi	60	3 846	7	23	269	72	5	22	-	4 304
Kolasin	6	526	2	3	33	5	2	9	5	591
Kotor	175	2 972	2	7	225	101	15	27	-	3 524
Mojkovac	-	505	-	4	37	16	4	8	-	574
Niksic	18	6 065	4	40	582	119	112	139	7	7 086
Petnjica	-	247	4	1	11	1	-	3	-	267
Plav	1	478	3	4	23	6	3	5	-	523
Pljevlja	1	1 931	-	12	153	48	24	46	5	2 220
Pluzine	-	159	-	3	11	2	-	1	-	176
Podgorica	185	20 457	1	45	2 062	398	137	297	15	23 597
Rozaje	4	1 514	8	14	88	27	58	67	4	1 784
Savnik	-	96	-	1	9	1	-	2	-	109
Tivat	36	2 297	-	8	185	48	10	27	6	2 617
Tuzi	1	1 080	-	6	108	9	7	13	1	1 225
Ulcinj	100	2 602	-	7	210	31	-	14	1	2 965
Zabljak	-	283	1	-	23	12	-	3	3	325
Zeta	7	1 631	-	10	153	27	71	74	1	1 974

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

Municipality	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	336	6 830	-	9	552	106	63	203	46	8 145
Andrijevica	1	22	-	-	-	-	-	-	-	23
Bar	36	575	-	-	38	4	3	8	2	666
Berane	-	180	-	-	14	2	1	4	2	203
Bijelo Polje	2	321	-	-	30	1	4	22	9	389
Budva	30	489	-	1	26	3	-	4	1	554
Cetinje	6	171	-	2	11	2	1	3	-	196
Danilovgrad	2	129	-	-	20	-	1	5	-	157
Gusinje	-	20	-	-	3	-	-	1	-	24
Herceg Novi	10	305	-	1	33	3	2	12	-	366
Kolasin	-	41	-	-	3	1	-	7	5	57
Kotor	88	258	-	1	19	2	2	4	-	374
Mojkovac	-	43	-	-	2	1	-	1	-	47
Niksic	4	745	-	1	57	16	14	23	6	866
Petnjica	-	27	-	-	3	-	-	-	-	30
Plav	-	36	-	-	2	-	-	-	-	38
Pljevlja	1	147	-	1	11	4	7	7	1	179
Pluzine	-	24	-	-	1	-	-	-	-	25
Podgorica	89	2 276	-	1	190	56	17	68	12	2 709
Rozaje	2	189	-	-	10	1	5	6	-	213
Savnik	-	12	-	-	2	-	-	-	-	14
Tivat	13	221	-	-	17	1	-	8	5	265
Tuzi	-	138	-	-	20	2	3	3	1	167
Ulcinj	50	303	-	1	27	1	-	8	-	390
Zabljak	-	15	-	-	1	-	-	1	1	18
Zeta	2	143	-	-	12	6	3	8	1	175

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

Production age	Motorcycle	Passenger cars	Vans	Buses	Freight road vehicles	Special purpose vehicles	Road tractors	Trailers	Agricultural tractors	Total
Total	798	64 614	47	248	5 575	1 229	544	998	68	74 121
Until 1990	5	1 315	4	2	226	60	-	34	5	1 651
1990-1999	11	5 432	17	27	436	88	5	57	3	6 076
2000	5	1 543	2	6	78	15	5	13	-	1 667
2001	13	2 667	-	7	147	26	7	16	-	2 883
2002	9	2 754	5	21	187	42	5	12	-	3 035
2003	5	2 946	-	17	182	25	11	35	-	3 221
2004	7	3 552	3	16	229	28	10	25	2	3 872
2005	19	4 069	2	12	234	36	15	34	-	4 421
2006	17	4 769	2	14	327	66	18	58	-	5 271
2007	30	5 329	1	25	451	102	39	58	2	6 037
2008	40	4 817	1	28	466	120	46	66	1	5 585
2009	20	2 794	-	10	204	40	23	10	1	3 102
2010	12	2 921	1	6	232	38	21	35	-	3 266
2011	9	2 927	9	14	258	47	37	41	1	3 343
2012	15	2 158	-	2	236	43	19	21	2	2 496
2013	18	1 959	-	5	197	33	32	19	1	2 264
2014	21	1 837	-	11	161	36	53	43	1	2 163
2015	14	1 893	-	2	221	46	53	41	-	2 270
2016	13	1 600	-	3	210	60	39	34	-	1 959
2017	17	1 767	-	7	185	48	31	34	-	2 089
2018	25	1 529	-	6	170	40	12	36	2	1 820
2019	32	1 364	-	1	145	54	16	28	2	1 642
2020	39	655	-	1	137	26	6	28	1	893
2021	27	576	-	3	96	29	3	36	4	774
2022	76	650	-	-	66	27	17	77	14	927
2023	299	791	-	2	94	54	21	107	26	1 394

Table 19. Postal activities and telecommunication, IV quarter 2023

	IVQ 2022	IVQ 2023	Indices		
			IVQ 2023	IVQ 2023	I-IVQ 2023
			IIIQ 2023	IVQ 2022	I-IVQ 2022
Packages, in thousand	4 511	4 004	113.2	88.8	100.6
Packages, in thousand	13	10	125.0	76.9	76.6
Other printed papers, in thousand	29	20	117.6	69.0	60.5
Fixed telephony minutes, in thousand	16 460	14 026	100.3	85.2	79.3
Mobile telephony minutes, in thousand	648 400	653 623	93.0	100.8	96.4
The number of sent SMS messages, in thousand	62 378	56 940	94.9	91.3	98.4
The number of sent MMS messages, in thousand	44	44	78.6	100.0	92.5
Internet traffic in fixed networks, in thousand GB	209 967	191 711	98.9	91.3	121.4
Internet traffic in mobile networks, in thousand GB	29 104	36 730	78.8	126.2	145.2

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](#)