



TRANSPORT, SECOND QUARTER OF 2022¹⁾

The total number of passengers carried in the second quarter of 2022 amounted to 25.4 million, which means that it increased by 83.1% compared to the second quarter of 2021. An increase in the transport of passengers was recorded in the road line transport by coaches, of 116.7%, in the transport by Croatian air carriers, of 245.5%, and by Croatian shippers in seawater and coastal transport, of 40.8%. In the railway transport, according to provisional data, 27.3% more passengers were transported.

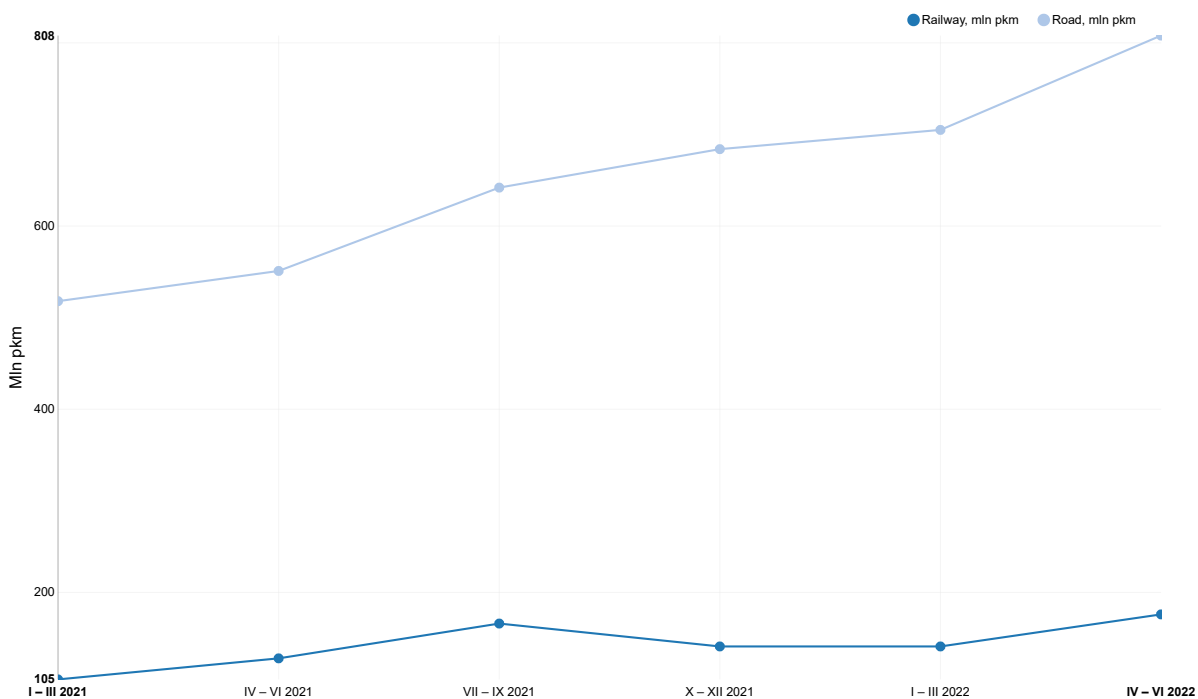
In the period from January to June 2022, a total number of passengers transported amounted to 40.7 million, which was 61.7% more than in the same period of 2021. An increase in the transport of passengers was realised in railway transport, of 30.7%, in road line transport, of 79.0%, in air transport, of 258.8%, and in seawater and coastal transport, of 33.1%.

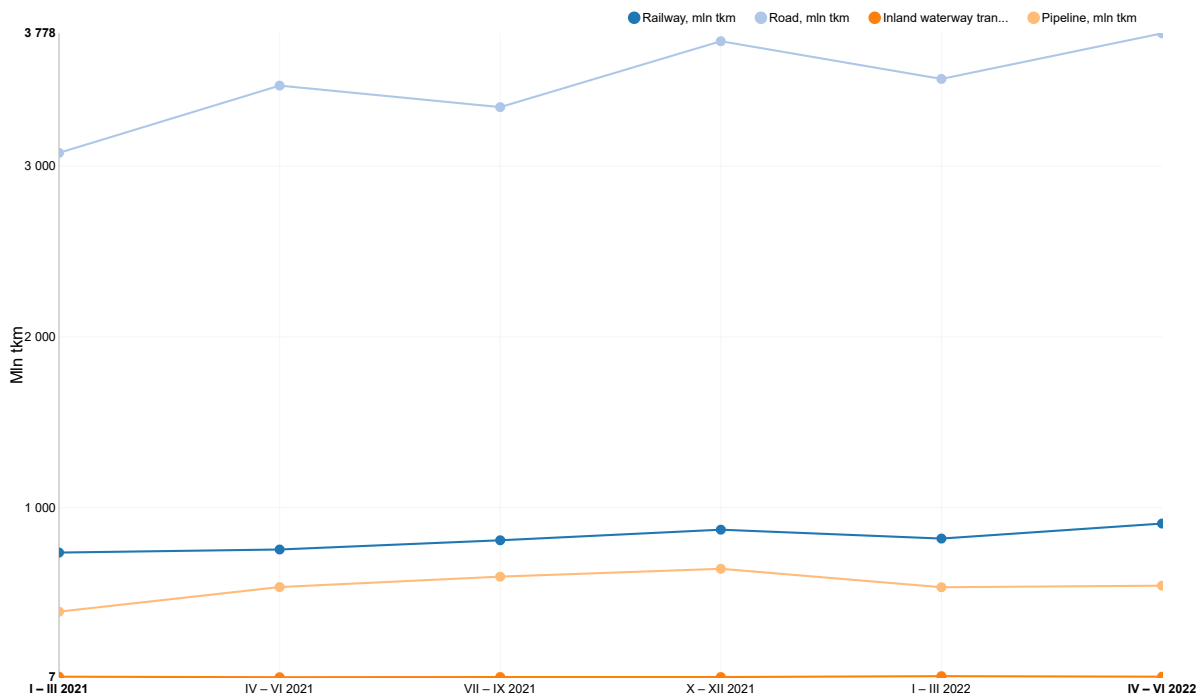
A total of 34.8 million tonnes of goods were transported in the second quarter of 2022, which was an increase of 5.7% compared to the second quarter of 2021. An increase in the transport of goods was recorded in the transport of goods by railway carriers, of 13.7%, by freight vehicles with Croatian plates, of 7.8%, and by Croatian air carriers, of 9.8%. The increase was also recorded in inland waterway transport by ships under all flags, of 9.4%, while seawater and coastal transport by Croatian shippers decreased by 6.1% and pipeline transport by 4.3%.

In the period from January to June 2022, a total of 66.5 million tonnes of goods were transported, which was 9.3% more than in the same period of 2021. An increase was recorded in road transport, of 11.5%, in seawater and coastal transport, of 1.6%, in railway transport, of 13.3%, in inland waterway transport, by 5.8% and in air transport, of 13.2%, while pipeline transport decreased by 1.9%.

1) See Notes on Methodology.

G-1 PASSENGER-KILOMETRES PERFORMED IN INLAND TRANSPORT, 2021 AND 2022



G-2 TONNE-KILOMETRES PERFORMED IN INLAND TRANSPORT, 2021 AND 2022

1 TRANSPORT OF PASSENGERS AND GOODS, BY TRANSPORT MODES

	Unit of measure	2021		2022		Indices		
		IV - VI	I - VI	IV - VI	I - VI	IV - VI 2022 I - III 2022	IV - VI 2022 IV - VI 2021	I - VI 2022 I - VI 2021
Passengers carried ¹⁾	000'	13 900	25 183	25 449	40 712	166,7	183,1	161,7
Railway transport ¹⁾	000'	3 385	6 491	4 308	8 485	103,1	127,3	130,7
Road line transport	000'	7 881	14 783	17 079	26 458	182,1	216,7	179,0
Seawater and coastal transport	000'	2 460	3 658	3 463	4 868	246,5	140,8	133,1
Air transport	000'	173	251	599	901	198,3	345,5	358,8
Passenger-kilometres ¹⁾	Mln	937	1 670	1 861	3 116	148,4	198,6	186,5
Railway transport ¹⁾	Mln	128	232	176	317	124,4	137,9	136,7
Road line transport	Mln	551	1 068	808	1 513	114,7	146,8	141,6
Seawater and coastal transport	Mln	117	174	170	239	245,2	145,4	137,3
Air transport	Mln	142	196	707	1 046	208,6	497,2	534,9
Goods carried	000' t	32 899	60 825	34 778	66 503	109,6	105,7	109,3
Railway transport	000' t	3 679	7 217	4 184	8 179	104,7	113,7	113,3
Road line transport	000' t	22 270	40 296	24 003	44 946	114,6	107,8	111,5
Pomorski i obalni prijevoz	000' t	4 308	8 505	4 043	8 639	88,0	93,9	101,6
Inland waterway transport ²⁾	000' t	145	320	159	339	88,3	109,4	105,8
Air transport	000' t	0	1	0	1	96,6	109,8	113,2
Transport via pipelines	000' t	2 496	4 485	2 388	4 399	118,8	95,7	98,1
Tonne-kilometres	Mln	29 854	54 097	28 770	55 574	107,3	96,4	102,7
Railway transport	Mln	755	1 493	907	1 726	110,7	120,1	115,6
Road line transport	Mln	3 472	6 550	3 778	7 288	107,6	108,8	111,3
Seawater and coastal transport	Mln	25 085	45 110	23 532	45 460	107,3	93,8	100,8
Inland waterway transport ²⁾	Mln	7	18	10	23	80,6	141,5	130,9
Air transport	Mln	0	1	0	1	91,4	108,2	112,5
Transport via pipelines	Mln	535	926	543	1 076	101,7	101,5	116,3

1) Provisional data for 2022.

2) Transit is not included.

2 RAILWAY TRANSPORT

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	$\frac{\text{IV – VI 2022}}{\text{I – III 2022}}$	$\frac{\text{IV – VI 2022}}{\text{IV – VI 2021}}$	$\frac{\text{I – VI 2022}}{\text{I – VI 2021}}$
Passengers carried ¹⁾	000'	3 385	6 491	4 308	8 485	103,1	127,3	130,7
National transport ¹⁾	000'	3 356	6 456	4 228	8 375	101,9	126,0	129,7
International transport ¹⁾	000'	29	35	80	110	266,7	276,8	318,1
Passenger-kilometres ¹⁾	Mln	128	232	176	317	124,4	137,9	136,7
National transport ¹⁾	Mln	121	225	166	307	118,0	137,6	136,2
International transport ¹⁾	Mln	7	7	10	11	²⁾	143,0	150,3
Goods carried	000' t	3 679	7 217	4 184	8 179	104,7	113,7	113,3
National transport	000' t	744	1 298	865	1 734	99,6	116,3	133,6
International transport – loading	000' t	1 335	2 708	1 439	2 889	99,3	107,8	106,7
International transport – unloading	000' t	415	802	510	949	116,2	122,9	118,4
Transit	000' t	1 186	2 410	1 370	2 607	110,6	115,5	108,2
Tonne-kilometres	Mln	755	1 493	907	1 726	110,7	120,1	115,6
National transport	Mln	193	365	177	350	102,4	91,7	96,0
International transport – loading	Mln	215	454	246	500	96,8	114,6	110,2
International transport – unloading	Mln	112	217	187	330	130,4	166,6	152,3
Transit	Mln	235	457	297	545	119,4	126,2	119,3
Out of total goods transport – transport of dangerous goods	000' t	386	719	415	667	165,1	107,6	92,7

1) Provisional data for 2022.

2) The index exceeds 999.

3 ROAD LINE TRANSPORT OF PASSENGERS BY COACHES

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	$\frac{\text{IV – VI 2022}}{\text{I – III 2022}}$	$\frac{\text{IV – VI 2022}}{\text{IV – VI 2021}}$	$\frac{\text{I – VI 2022}}{\text{I – VI 2021}}$
Passengers carried	000'	7 881	14 783	17 079	26 458	182,1	216,7	179,0
National transport	000'	7 097	13 871	15 969	24 713	182,6	225,0	178,2
International transport	000'	784	912	1 110	1 745	174,8	141,6	191,3
Passenger-kilometres	Mln	551	1 068	808	1 513	114,7	146,8	141,6
National transport	Mln	523	1 022	684	1 319	107,7	130,7	129,1
International transport	Mln	28	47	125	195	178,6	452,2	416,0

4 URBAN TRANSPORT BY BUSES AND TRAMS

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	$\frac{\text{IV – VI 2022}}{\text{I – III 2022}}$	$\frac{\text{IV – VI 2022}}{\text{IV – VI 2021}}$	$\frac{\text{I – VI 2022}}{\text{I – VI 2021}}$
Buses	Number	1 284	1 284	1 322	1 322	100,9	103,0	103,0
Kilometres travelled by buses	000'	21 075	31 860	16 563	32 839	101,8	78,6	103,1
Passengers carried	000'	31 890	59 487	35 075	67 236	109,1	110,0	113,0
Trams ¹⁾	Number	345	345	341	341	100,0	98,8	98,8
Kilometres travelled by trams	000'	5 469	6 944	3 210	6 617	94,2	58,7	95,3
Passengers carried	000'	30 407	58 757	31 697	61 391	106,7	104,2	104,5

1) Including motorised cars and trailers.

5 ROAD TRANSPORT OF GOODS

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	$\frac{\text{IV – VI 2022}}{\text{I – III 2022}}$	$\frac{\text{IV – VI 2022}}{\text{IV – VI 2021}}$	$\frac{\text{I – VI 2022}}{\text{I – VI 2021}}$
Goods carried – total	000' t	22 270	40 296	24 003	44 946	114,6	107,8	111,5
National transport	000' t	18 365	32 825	19 806	36 423	119,2	107,8	111,0
Dispatched to foreign countries	000' t	1 363	2 603	1 534	3 063	100,3	112,6	117,7
Received from foreign countries	000' t	1 345	2 513	1 291	2 617	97,4	96,0	104,2
Cross-trade transport	000' t	1 197	2 356	1 372	2 843	93,3	114,7	120,7
Tonne-kilometres	Mln	3 472	6 550	3 778	7 288	107,6	108,8	111,3
National transport	Mln	1 227	2 230	1 344	2 435	123,3	109,6	109,2
Dispatched to foreign countries	Mln	768	1 429	848	1 644	106,7	110,5	115,0
Received from foreign countries	Mln	733	1 362	768	1 480	107,8	104,8	108,7
Cross-trade transport	Mln	744	1 529	817	1 730	89,5	109,8	113,2
Road transport of goods for hire or reward								
Goods carried	000' t	11 664	20 945	12 741	23 866	114,5	109,2	113,9
Tonne-kilometres	Mln	2 953	5 511	3 160	6 137	106,2	107,0	111,3
Road transport of goods for own account								
Goods carried	000' t	10 606	19 351	11 257	21 075	114,7	106,1	108,9
Tonne-kilometres	Mln	518	1 038	615	1 149	115,1	118,6	110,6
Out of total goods transport – transport of dangerous goods	000' t	(979)	1 540	(1 041)	1 706	156,8	106,3	110,8

6 TRANSPORT VIA PIPELINES

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	$\frac{\text{IV – VI 2022}}{\text{I – III 2022}}$	$\frac{\text{IV – VI 2022}}{\text{IV – VI 2021}}$	$\frac{\text{I – VI 2022}}{\text{I – VI 2021}}$
Oil transport	000' t	1 966	3 298	1 525	2 790	120,6	77,6	84,6
Tonne-kilometres	Mln	421	700	401	775	107,4	95,2	110,6
Gas transport	000' t	530	1 187	863	1 609	115,8	162,8	135,5
Tonne-kilometres	Mln	113	226	142	302	88,5	125,2	133,7

7 SEAWATER AND COASTAL TRANSPORT

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	$\frac{\text{IV – VI 2022}}{\text{I – III 2022}}$	$\frac{\text{IV – VI 2022}}{\text{IV – VI 2021}}$	$\frac{\text{I – VI 2022}}{\text{I – VI 2021}}$
Passengers carried	000'	2 460	3 658	3 463	4 868	246,5	140,8	133,1
National transport	000'	2 453	3 649	3 445	4 846	245,9	140,4	132,8
International transport	000'	7	9	18	23	452,0	274,0	243,0
Out of total, carried by ferries	000'	2 025	2 969	2 783	3 911	246,9	137,4	131,7
Passenger-kilometres	Mln	117	174	170	239	245,2	145,4	137,3
National transport	Mln	115	172	166	234	243,3	143,9	136,1
International transport	Mln	1	2	4	5	368,6	274,0	238,2
Goods carried	000' t	4 308	8 505	4 043	8 639	88,0	93,9	101,6
National transport	000' t	207	374	190	289	190,5	91,6	77,3
International transport	000' t	4 101	8 131	3 853	8 350	85,7	94,0	102,7
Tonne-kilometres	Mln	25 085	45 110	23 532	45 460	107,3	93,8	100,8
National transport	Mln	59	109	52	77	201,9	87,3	70,7
International transport	Mln	25 026	45 001	23 480	45 383	107,2	93,8	100,8

8 AIR TRANSPORT

	Unit of measure	2021		2022		Indices		
		IV – VI	I – VI	IV – VI	I – VI	IV – VI 2022 I – III 2022	IV – VI 2022 IV – VI 2021	I – VI 2022 I – VI 2021
Passengers carried	000'	173	251	599	901	198,3	345,5	358,8
National transport	000'	48	75	91	150	154,2	189,2	200,4
International transport	000'	125	176	508	750	209,0	405,7	426,3
Passenger-kilometres	Mln	142	196	707	1 046	208,6	497,2	534,9
National transport	Mln	16	24	29	47	154,1	184,8	198,5
International transport	Mln	127	172	678	999	211,8	535,5	581,7
Freight carried	t	306	604	336	684	96,6	109,8	113,2
National transport	t	25	32	32	41	355,6	128,0	128,1
International transport	t	281	572	304	643	89,7	108,2	112,4
Tonne-kilometres	000'	255	514	276	578	91,4	108,2	112,5
National transport	000'	7	9	9	12	300,0	128,6	133,3
International transport	000'	248	505	267	566	89,3	107,7	112,1

NOTES ON METHODOLOGY

It may happen that the sum total does not equal the sum of individual figures and that cumulative data do not always equal the sum of individual quarterly results due to the rounding of numbers.

The final quarterly data on the railway transport of passengers for 2022 will be published in May 2023 in Excel format on the website of the Croatian Bureau of Statistics <https://podaci.dzs.hr/en/> under Statistics in Line "Transport".

Data on traffic of ships, passengers and goods in seaports were published in the First Release TRAN-2022-3-1 "Traffic in Seaports", and data on traffic of passengers and freight in airports in the First Release TRAN-2022-2-1 "Traffic in Airports".

Sources and methods of data collection

The data on transport are collected through weekly, monthly and quarterly statistical surveys. The purpose of the surveys is to collect the data on the transport of passengers and goods and to calculate the performance indicators on transport expressed in tonne-kilometres and passenger-kilometres.

Observation and reporting units on road line passenger transport, urban transport, pipeline transport, seawater and coastal transport, and air transport are national carriers, that is, operators registered in the transport activity (section H of the NKD 2007.) in the Statistical Business Register of the Croatian Bureau of Statistics.

Observation units in the statistical survey on the road transport of goods are freight road vehicles (including road tractors) with a loading capacity of over 3 500 kg that are registered with the Ministry of the Interior. Reporting units are business entities (legal entities and natural persons) who own or just use a freight road vehicle selected into the sample.

The data on national inland waterway transport are collected on the Report on Arrival of Vessels in Inland Waterway Ports and the Report on Departure of Vessels from Inland Waterway Ports. The data are delivered by harbour master's offices of inland waterway ports. As of 1 January 2022, arrivals and departures of vessels in international inland waterway transport are recorded in the Inland Navigation Information System (ISUP).

Coverage

The data on the railway transport of passengers include the urban and suburban transport of passengers and passengers in transit through the Republic of Croatia. Data on railway transport of goods relate to the operation of all railway carriers in the railway network of the Republic of Croatia.

The data on the road transport refer to the operation of owners or users of freight vehicles selected by the sample. In the quarterly dynamics, 2 600 vehicles have been selected in the sample. The data, that is, estimates with the variation coefficient values ranging between 10.0 and 30.0 are separately marked as less accurate values.

The data on the road line transport of passengers have related to the activity of business entities (legal entities and natural persons) engaged in the transport of passengers by coaches and holding the concession for performing the public line transport of passengers on international, inter-county and county lines.

The urban transport of passengers covers the organised public transport of passengers in cities with a population of over 40 000 conducted by business entities engaged in the urban transport of passengers (by trams and buses). Included are the active business entities employing more than 10 persons registered in section H, class 49.31 Urban and suburban passenger land transport, of the NKD 2007. in the Statistical Business Register of the Croatian Bureau of Statistics.

The survey on the seawater and coastal transport covers all business entities engaged in the public seawater and coastal line transport of passengers and business entities whose principal or subsidiary activity is seawater and coastal transport of goods. The selection of reporting units engaged in the activity of transporting goods is prepared every year on the basis of the defined threshold for being included in the survey (10 or more persons in employment). Cross-trade transport is included.

The data on air transport of passengers and freight are submitted by national air operators engaged in the commercial air transport of passengers and freight (goods and mail).

The transport via pipelines covers oil transport and gas transport. Data refer to activities of legal entities engaged in oil and gas transport via pipelines.

The data on the transport in inland waterways include the transport of goods on vessels under the domestic and foreign flags on the territory of the Republic of Croatia. Transit is not included.

Definitions

International transport includes conveying between the place of embarkation/loading in the Republic of Croatia and the place of disembarkation/unloading abroad, or vice versa, as well as between two places in another country.

Transit implies a transport through the Croatian territory in the same means of transport between two places (the place of embarkation/loading and the place of disembarkation/unloading), both located in another country or in other 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.

Passenger-kilometre is a unit of measure representing the transport of one person over a distance of one kilometre. The calculation of passenger-kilometres for the rail transport takes into account only the distance travelled on the territory of the Republic of Croatia.

Tonne-kilometre is a unit of measure representing the transport of one tonne over a distance of one kilometre. The calculation of tonne-kilometres for the rail transport takes into account only the distance travelled on the territory of the Republic of Croatia including transit. The calculation of tonne-kilometres for the inland waterway transport takes into account only the distance travelled on the territory of the Republic of Croatia, but transit is not included.

The road transport of goods and road tonne-kilometres relate to the movement of freight vehicles registered in the Republic of Croatia.

Abbreviations

kg	kilogram
mln	million
NKD 2007.	National Classification of Activities, 2007 version
pkm	passenger-kilometre
t	tonne
tkm	tonne-kilometre
'000	thousand

Symbols

()	less accurate data
0	value not zero, but less than 0.5 of the unit of measure used

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