



## TRANSPORT, FIRST QUARTER OF 2022<sup>1)</sup>

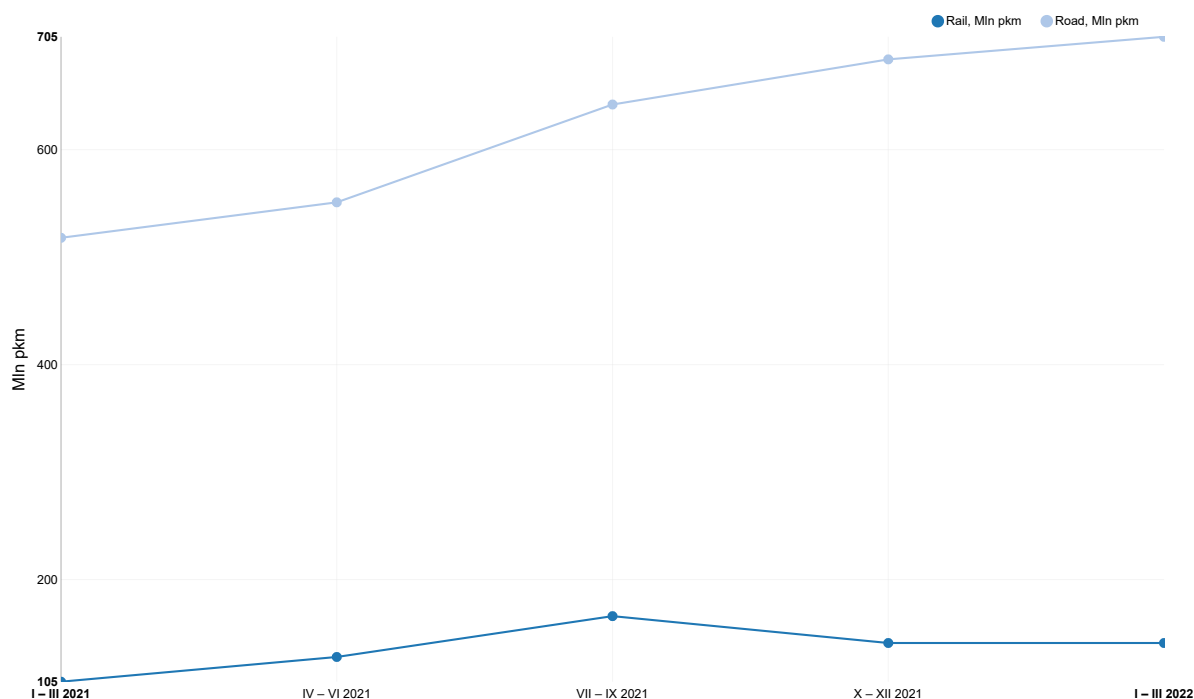
The total number of passengers carried in the first quarter of 2022 amounted to 15.3 million, which means that it increased by 35.3% compared to the first quarter of 2021. An increase in the transport of passengers was recorded in the road line transport by coaches, of 35.9%, in the transport by Croatian air carriers, of 288.7%, and by Croatian shippers in seawater and coastal transport, of 17.3%. In the railway transport, according to provisional data, 34.5% more passengers were transported.

According to final data, from January to December 2021, the total number of passengers transported amounted to 57.9 million, which was 18.8% more than in the same period of 2020. An increase in the transport of passengers was realised in railway transport, of 3.3%, in road line transport, of 18.5%, in air transport, of 57.2%, and in seawater and coastal transport, of 40.0%. Compared to the same period of 2019, it was a decrease of 31.2%.

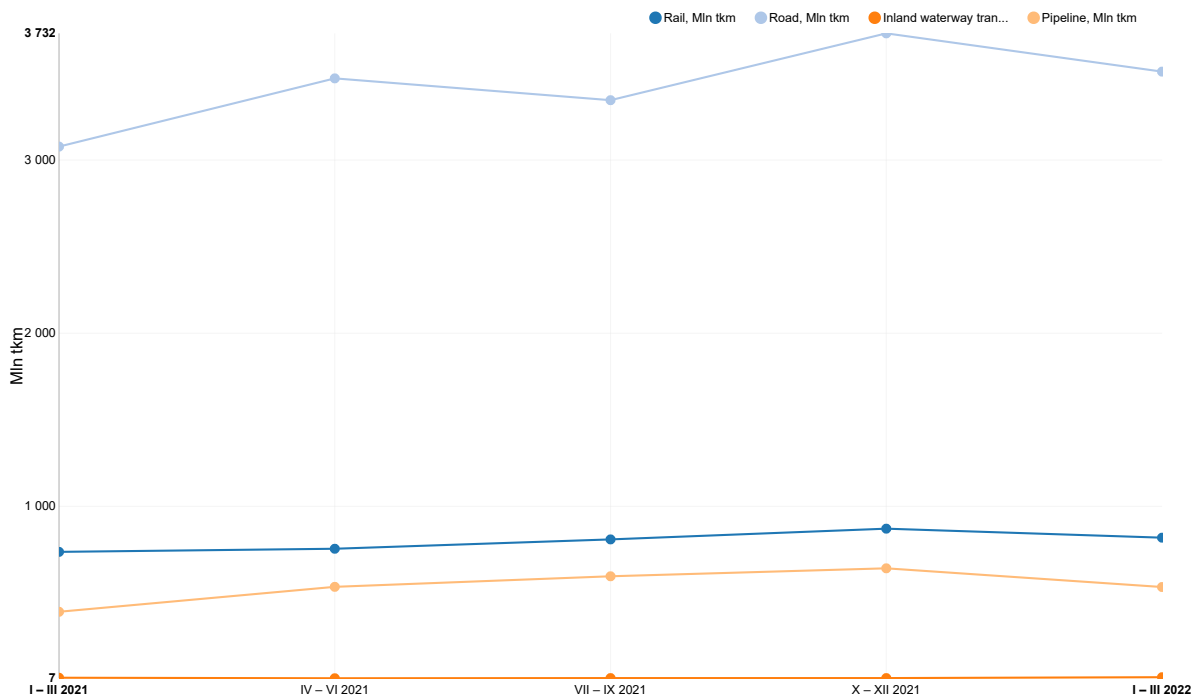
A total of 31.7 million tonnes of goods were transported in the first quarter of 2022, which was an increase of 13.6% compared to the first quarter of 2021. An increase in the transport of goods was recorded in the transport of goods by railway carriers, of 12.9%, by freight vehicles with Croatian plates, of 16.2%, and by Croatian air carriers, of 16.8%. The increase was also recorded in pipeline transport, of 1.0%, in inland waterway transport by ships under all flags, of 2.8%, and in seawater and coastal transport by Croatian shippers, of 9.5%

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		
		I - III	X - XII	I - XII	I - III	I - III 2022 X - XII 2021	I - III 2022 I - III 2021	I - XII 2021 I - XII 2020	
Passengers carried <sup>1)</sup>	000'	11 283	14 856	57 874	15 263	102,7	135,3	118,8	
Railway transport <sup>1)</sup>	000'	3 105	4 026	13 541	4 177	103,8	134,5	103,3	
Road line transport	000'	6 902	8 849	30 993	9 379	106,0	135,9	118,5	
Seawater and coastal transport	000'	1 198	1 683	12 280	1 405	83,5	117,3	140,0	
Air transport	000'	78	298	1 061	302	101,5	388,7	157,2	
Passenger-kilometres <sup>1)</sup>	Mln	733	1 163	4 439	1 254	107,9	171,1	129,7	
Railway transport <sup>1)</sup>	Mln	105	141	540	141	100,0	135,2	120,1	
Road line transport	Mln	518	684	2 394	705	103,1	136,1	115,3	
Seawater and coastal transport	Mln	57	82	582	69	84,2	120,7	141,5	
Air transport	Mln	53	256	924	339	132,6	635,4	189,9	
Goods carried	000' t	27 926	33 915	127 794	31 724	93,5	113,6	103,7	
Railway transport	000' t	3 538	4 175	15 176	3 995	95,7	112,9	101,2	
Road line transport	000' t	18 026	22 940	84 953	20 942	91,3	116,2	105,3	
Pomorski i obalni prijevoz	000' t	4 197	4 479	17 809	4 597	102,6	109,5	102,4	
Inland waterway transport <sup>2)</sup>	000' t	175	139	697	180	129,8	102,8	73,5	
Air transport	000' t	0	0	1	0	95,3	116,8	90,3	
Transport via pipelines	000' t	1 989	2 182	9 158	2 010	92,1	101,0	99,0	
Tonne-kilometres	Mln	24 243	27 757	114 707	26 804	96,6	110,6	103,4	
Railway transport	Mln	737	871	3 172	819	94,1	111,1	96,7	
Road line transport	Mln	3 078	3 732	13 629	3 511	94,1	114,0	111,2	
Seawater and coastal transport	Mln	20 026	22 504	95 707	21 928	97,4	109,5	102,4	
Inland waterway transport <sup>2)</sup>	Mln	10	8	34	13	155,1	123,5	59,2	
Air transport	Mln	0	0	1	0	95,0	116,6	87,7	
Transport via pipelines	Mln	391	642	2 164	534	83,2	136,4	113,1	

1) Provisional data for 2022.

2) Transit is not included.

## 2 RAILWAY TRANSPORT

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	I – III 2022 X – XII 2021	I – III 2022 I – III 2021	I – XII 2021 I – XII 2020
Passengers carried <sup>1)</sup>	000'	3 105	4 026	13 541	4 177	103,8	134,5	103,3
National transport <sup>1)</sup>	000'	3 100	3 993	13 322	4 147	103,9	133,8	102,8
International transport <sup>1)</sup>	000'	6	33	219	30	91,0	528,9	155,9
Passenger-kilometres <sup>1)</sup>	Mln	105	141	540	141	100,0	135,2	120,1
National transport <sup>1)</sup>	Mln	104	140	484	141	100,5	134,7	109,2
International transport <sup>1)</sup>	Mln	0	1	56	1	50,9	448,5	956,2
Goods carried	000' t	3 538	4 175	15 176	3 995	95,7	112,9	101,2
National transport	000' t	553	930	3 049	868	93,4	156,9	108,9
International transport – loading	000' t	1 373	1 552	5 780	1 450	93,4	105,6	97,2
International transport – unloading	000' t	387	457	1 633	439	96,1	113,5	111,2
Transit	000' t	1 224	1 238	4 713	1 238	100,0	101,1	98,6
Tonne-kilometres	Mln	737	871	3 172	819	94,1	111,1	96,7
National transport	Mln	172	197	774	173	88,0	100,8	92,8
International transport – loading	Mln	239	276	989	254	91,9	106,3	88,0
International transport – unloading	Mln	105	138	473	143	103,9	137,0	114,8
Transit	Mln	222	260	936	248	95,7	111,9	103,0
Out of total goods transport – transport of dangerous goods	000' t	333	281	1 399	251	89,6	75,4	90,3

1) Provisional data for 2022

## 3 ROAD LINE TRANSPORT OF PASSENGERS BY COACHES

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	I – III 2022 X – XII 2021	I – III 2022 I – III 2021	I – XII 2021 I – XII 2020
Passengers carried	000'	6 902	8 849	30 993	9 379	106,0	135,9	118,5
National transport	000'	6 774	8 543	29 368	8 744	102,4	129,1	114,4
International transport	000'	128	306	1 625	635	207,5	496,1	343,6
Passenger-kilometres	Mln	518	684	2 394	705	103,1	136,1	115,3
National transport	Mln	499	652	2 232	635	97,3	127,3	117,0
International transport	Mln	19	31	162	70	222,3	363,9	96,2

## 4 URBAN TRANSPORT BY BUSES AND TRAMS

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	I – III 2022 X – XII 2021	I – III 2022 I – III 2021	I – XII 2021 I – XII 2020
Buses	Number	1 262	1 317	1 317	1 310	99,5	103,8	105,7
Kilometres travelled by buses	000'	10 785	16 938	64 860	16 276	96,1	150,9	117,4
Passengers carried	000'	27 597	34 474	123 073	32 161	93,3	116,5	97,9
Trams <sup>1)</sup>	Number	345	345	345	341	98,8	98,8	100,0
Kilometres travelled by trams	000'	1 475	3 473	13 459	3 407	98,1	231,0	119,4
Passengers carried	000'	28 350	33 091	119 671	29 694	89,7	104,7	91,1

1) Including motorised cars and trailers.

## 5 ROAD TRANSPORT OF GOODS

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	$\frac{I - III\ 2022}{X - XII\ 2021}$	$\frac{I - III\ 2022}{I - III\ 2021}$	$\frac{I - XII\ 2021}{I - XII\ 2020}$
Goods carried – total	000' t	18 026	22 940	84 953	20 942	91,3	116,2	105,3
National transport	000' t	14 460	18 640	69 269	16 617	89,1	114,9	104,4
Dispatched to foreign countries	000' t	1 240	1 632	5 804	1 529	93,7	123,3	115,0
Received from foreign countries	000' t	1 167	1 508	5 232	1 326	87,9	113,6	108,1
Cross-trade transport	000' t	1 159	1 160	4 648	1 470	126,7	126,8	103,7
Tonne-kilometres	Mln	3 078	3 732	13 629	3 511	94,1	114,0	111,2
National transport	Mln	1 004	1 353	4 802	1 090	80,6	108,6	107,0
Dispatched to foreign countries	Mln	661	863	3 051	795	92,2	120,4	115,3
Received from foreign countries	Mln	629	793	2 719	712	89,9	113,2	113,6
Cross-trade transport	Mln	785	724	3 057	913	126,1	116,4	112,1
Road transport of goods for hire or reward								
Goods carried	000' t	9 281	12 583	46 097	11 124	88,4	119,9	105,9
Tonne-kilometres	Mln	2 558	3 231	11 627	2 977	92,1	116,4	112,0
Road transport of goods for own account								
Goods carried	000' t	8 745	10 356	38 856	9 818	94,8	112,3	104,6
Tonne-kilometres	Mln	520	501	2 001	534	106,5	102,7	106,8
Out of total goods transport – transport of dangerous goods	000' t	(561)	(1 093)	3 898	(664)	60,8	118,4	119,2

## 6 TRANSPORT VIA PIPELINES

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	$\frac{I - III\ 2022}{X - XII\ 2021}$	$\frac{I - III\ 2022}{I - III\ 2021}$	$\frac{I - XII\ 2021}{I - XII\ 2020}$
Oil transport	000' t	1 332	1 540	6 806	1 264	82,1	94,9	99,7
Tonne-kilometres	Mln	279	494	1 671	373	75,6	134,0	101,9
Gas transport	000' t	657	642	2 352	746	116,2	113,5	97,1
Tonne-kilometres	Mln	113	147	492	160	108,7	142,3	179,6

## 7 SEAWATER AND COASTAL TRANSPORT

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	$\frac{I - III\ 2022}{X - XII\ 2021}$	$\frac{I - III\ 2022}{I - III\ 2021}$	$\frac{I - XII\ 2021}{I - XII\ 2020}$
Passengers carried	000'	1 198	1 683	12 280	1 405	83,5	117,3	140,0
National transport	000'	1 196	1 673	12 220	1 401	83,7	117,2	139,7
International transport	000'	3	10	60	4	40,3	160,7	227,8
Out of total, carried by ferries	000'	944	1 340	9 889	1 128	84,1	119,5	137,2
Passenger-kilometres	Mln	57	82	582	69	84,2	120,7	141,5
National transport	Mln	57	80	569	68	85,5	120,3	140,4
International transport	Mln	1	2	13	1	42,1	160,7	227,5
Goods carried	000' t	4 197	4 479	17 809	4 597	102,6	109,5	102,4
National transport	000' t	167	152	739	100	65,6	59,5	92,9
International transport	000' t	4 030	4 327	17 070	4 497	103,9	111,6	102,8
Tonne-kilometres	Mln	20 026	22 504	95 707	21 928	97,4	109,5	102,4
National transport	Mln	50	42	209	26	60,7	51,1	98,4
International transport	Mln	19 976	22 462	95 498	21 902	97,5	109,6	102,4

## 8 AIR TRANSPORT

	Unit of measure	2021			2022	Indices		
		I – III	X – XII	I – XII	I – III	I – III 2022 X – XII 2021	I – III 2022 I – III 2021	I – XII 2021 I – XII 2020
Passengers carried	000'	78	298	1 061	302	101,5	388,7	157,2
National transport	000'	27	67	244	59	87,7	220,5	z
International transport	000'	51	230	817	243	105,5	477,2	z
Passenger-kilometres	Mln	53	256	924	339	132,6	635,4	189,9
National transport	Mln	8	21	76	19	87,9	224,0	z
International transport	Mln	45	234	847	320	136,7	711,4	z
Freight carried	t	298	365	1 319	348	95,3	116,8	90,3
National transport	t	7	14	81	9	64,3	128,6	95,3
International transport	t	291	351	1 238	339	96,6	116,5	90,0
Tonne-kilometres	000'	259	318	1 115	302	95,0	116,6	87,7
National transport	000'	2	4	23	3	75,0	150,0	92,0
International transport	000'	257	314	1 092	299	95,2	116,3	87,6

### 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
z	data are not published for confidentiality reasons
'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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