

Transport of goods and passengers in 2022

30.05.2023


35.5%

Increase in passenger transport compared to 2021

In 2022, compared to the previous year, there was an increase in the number of passenger transported in all modes of transport, except maritime transport. However, the volume of transported goods and the transport performance remained at a similar level.

Transport of goods

In 2022, in relation to the previous year, the volume of goods and the transport performance increased in railway, road, maritime and air transport, where the biggest growth occurred. In pipeline and inland waterway transport, there was a decrease in both these quantities.

In 2022, 31.2% more goods were transported by air than a year ago

Table 1. Transport of goods by mode of transport

Specification	2021	2022		
	in thousand tonnes	2021=100	2020=100	
Total	2 253 377	2 277 093	101.1	103.4
Railway transport ^a	237 915	237 587	99.9	108.8
Road transport ^b	1 952 465	1 976 278	101.2	103.0
of which hire or reward	1 203 019	1 182 613	98.3	98.3
of which road transport entities ^c	949 907	888 705	93.6	95.7
Pipeline transport	49 854	52 591	105.4	102.1
Maritime transport ^d	9 587	8 442	88.0	103.8
Inland waterway transport	3 465	2 076	59.9	52.0
Air transport ^e	91	119	131.2	188.0

a Excluding shunting. b Data partially estimated. c Classified according to the Polish Classification of Activities 2007 into the section H „Transport and storage”, excluding division “Postal and Courier Activities”. d Owned and rented ships e Scheduled and non-scheduled (Polish carriers).

Table 1. Transport of goods by mode of transport (cont.)

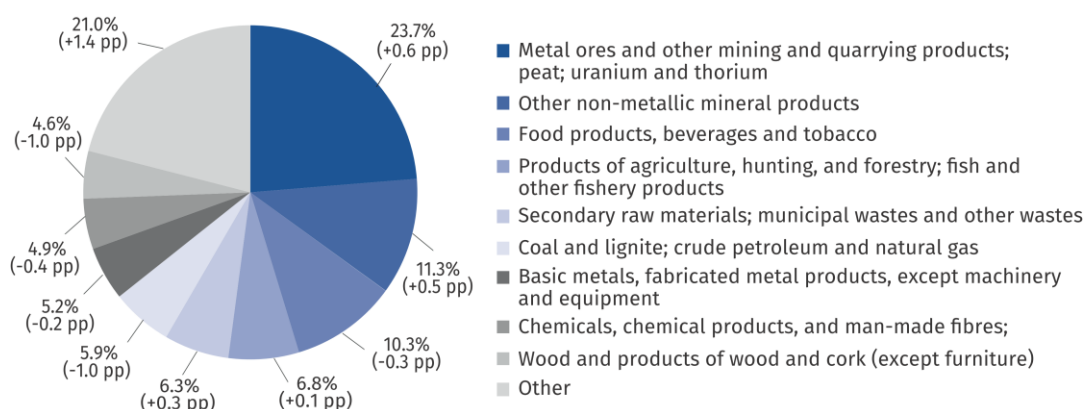
Specification	2021	2022		
		in million tonne-kilometres	2021=100	2020=100
Total	491 427	497 832	101.3	104.9
Railway transport ^a	54 387	59 306	109.0	116.1
Road transport ^b	410 224	406 902	99.2	102.9
of which hire or reward	354 505	352 777	99.5	102.9
of which road transport entities ^c	310 033	308 377	99.5	103.3
Pipeline transport	18 428	19 132	103.8	93.6
Maritime transport ^d	7 554	11 602	153.6	174.3
Inland waterway transport	493	445	90.3	86.2
Air transport ^e	341	445	130.6	195.9

a Excluding shunting. b Data partially estimated. c Classified according to the Polish Classification of Activities 2007 into the section H „Transport and storage”, excluding division “Postal and Courier Activities”. d Owned and rented ships e Scheduled and non-scheduled (Polish carriers).

In 2022 goods from the group metal ores and other mining and quarrying products; peat; uranium and thorium had the largest share (23.7%). In maritime transport, the largest share was made by goods from the group of roll-on roll-off self-propelled units (65.5%).

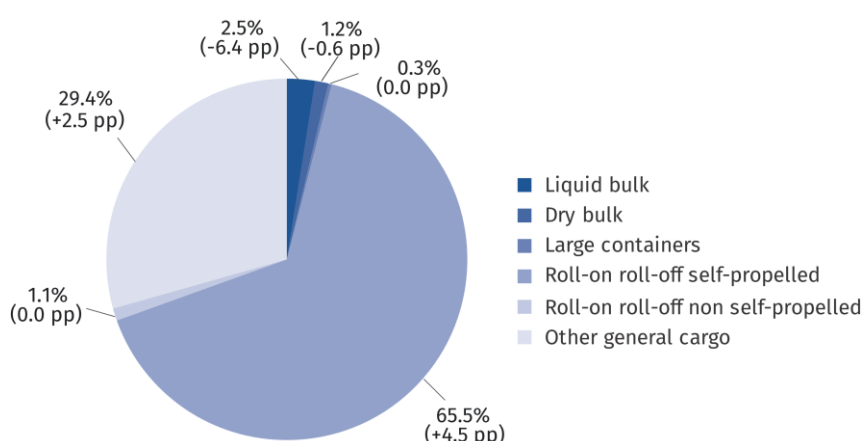
Ro-ro cargo units (with the share of 65.5%) prevailed in maritime cargo transport in 2022

Graph 1. Structure of goods transport by groups of goods in 2022 and changes compared to the previous year^a



a Applies to railway transport, road transport and inland waterway transport.

Graph 2. Structure of maritime transport of cargo by cargo categories in 2022 and changes compared to the previous year



Considering individual modes of transport, in 2022 national transport was dominated by goods transport carried out in road transport (81.6%) and rail (64.3%) while in other modes of transport international transport prevailed.

Table 2. Transport of goods by direction of transport

Specification a – 2021 b – 2022		Total in thousand tonnes	National transport	International transport			
				export	import	transit	between foreign countries
				in percent			
Railway transport ^a	a	237 915	65.3	12.6	19.1	3.0	.
	b	237 587	64.3	12.4	20.3	3.0	.
Road transport ^b	a	1 511 733	81.8	6.1	5.1	0.2	6.7
	b	1 541 209	81.6	6.2	5.2	0.3	6.7
Maritime transport ^c	a	9 648	8.2	43.0	41.8	0.6	6.4
	b	8 459	2.5	46.9	43.2	0.2	7.3
Inland waterway transport	a	3 465	49.5	7.9	2.4	0.0	40.1
	b	2 076	32.1	9.8	2.2	0.1	55.8
Air transport ^d	a	91	0.2	99.8			
	b	119	0.2	99.8			

a Excluding shunting b Data on the basis of results a sample survey. c Owned and rented ships. d Scheduled and non-scheduled (Polish carriers).

Table 2. Transport of goods by direction of transport (cont.)

Specification a – 2021 b – 2022	Total in million tonne- kilome- tres	National transport	International transport				
			export	import	transit	between foreign countries	
			in percent				
Railway transport ^a	a	54 387	55.2	15.4	21.6	7.8	.
	b	59 306	55.0	14.4	23.3	7.3	.
Road transport ^b	a	360 471	37.4	21.4	19.1	1.5	20.6
	b	369 932	37.9	20.9	18.8	1.8	21.0
Inland waterway transport	a	493	7.9	14.1	3.5	0.1	74.4
	b	445	6.7	13.3	2.6	0.1	77.3
Air transport ^d	a	341	0.0	99.9			
	b	445	0.0	99.9			

a Excluding shunting b Data on the basis of results a sample survey. c Owned and rented ships. d Scheduled and non-scheduled (Polish carriers).

Taking into account national transport by distance classes, it can be noted that in 2022 in road transport the most goods were transported for a distance of up to 50 km, in railway transport – for a distance of up to 50 km and 150–299 km, while inland waterway transport was dominated by goods transport for a distance of 50–149 km.

Table 3. National transport of goods by distance classes

Specification a – 2021 b – 2022	Total in thousand tonnes	Distance classes					
		49 km and less	50-149	150-299	300-499	500 km and more	
		in percent					
Railway transport ^{ab}	a	153 764	30.3	22.4	28.8	10.5	8.0
	b	151 768	28.4	19.8	28.4	12.8	10.6
Road transport ^c	a	1 237 253	45.4	28.5	24.0		2.1
	b	1 257 522	46.3	26.4	24.7		2.5
Inland waterway transport	a	1 717	69.2	30.8	0.0	0.0	0.0
	b	668	38.4	61.2	0.1	0.1	0.2

a Excluding shunting. b Excluding official consignments. c Data on the basis of results a sample survey.

Table 3. National transport of goods by distance classes (cont.)

Specification a – 2021 b – 2022	Total in million tonne- kilometres	Distance classes					
		49 km and less	50-149	150-299	300-499	500 km and more	
		in percent					
Railway transport ^{ab}	a	29 973	1.9	11.6	38.8	22.6	25.1
	b	32 590	1.5	9.3	34.2	24.5	30.5
Road transport ^c	a	134 730	8.5	22.3	57.7		11.5
	b	140 032	7.6	20.5	58.9		13.0
Inland waterway transport	a	39	14.1	85.2	0.1	0.2	0.4
	b	29	8.0	87.5	0.5	1.0	3.0

a Excluding shunting. b Excluding official consignments. c Data on the basis of results a sample survey.

Transport of passengers

In 2022, there was an increase in passenger transport by all modes of transport, slightly decrease was only in maritime transport. In total, 35.5% more passengers were transported than in the previous year. The largest increase in transport was recorded in air transport (by 84.3%), as well as in railway transport (by 39.5%), in road transport (by 28.1%) and in inland waterway transport (by 11.6%).

Such a significant increase in the number of passengers transported was caused by lifting travel restrictions on persons, introduced due to the state of the pandemic related to the spread of the SARS-CoV-2 virus as well as introduction of martial law in Ukraine and the movement of refugees into the territory of Poland.

Table 4. Transport of passengers

Specification	2021	2022	
	in thousand passengers		2021=100
Total	422 962	572 981	135.5
Railway transport	244 874	341 563	139.5
Road transport ^a	168 619	215 952	128.1
Maritime transport ^{bcd}	1 487	1 472	99.0
Inland waterway transport	986	1 101	111.6
Air transport ^e	6 996	12 893	184.3

a Excluding urban transport and provided by entities employing up to 9 persons. b Owned and rented ships. c Excluding truck drivers on board ferries. d Including coastal shipping. e Scheduled and non-scheduled (Polish carriers).

In 2022, 84.3% more passengers were transported by air than a year ago

In 2022, 59.7% of all passengers were carried by railway transport

Table 4. Transport of passengers (cont.)

Specification	2021	2022	
		in million passenger-kilometres	2021=100
Total	36 651	63 236	172.5
Railway transport	15 917	23 706	148.9
Road transport ^a	7 448	11 587	155.6
Maritime transport ^{bcd}	160	167	104.0
Inland waterway transport	13	14	104.8
Air transport ^e	13 113	27 762	211.7

a Excluding urban transport and provided by entities employing up to 9 persons. b Owned and rented ships. c Excluding truck drivers on board ferries. d Including coastal shipping. e Scheduled and non-scheduled (Polish carriers).

When quoting data from the Statistics Poland, please include the following information: "Source of data from the Statistics Poland", and in the case of publishing calculations made on the data published by the Statistics Poland, please include the following information: "Own study based on Statistics Poland data".







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Terms used in official statistics

[Transport of goods](#)

[Transport of passengers](#)

[Tonne-kilometres](#)

[Passenger-kilometres](#)