



DANUBE COMMISSION

Roadmap - Fleet Modernization workshop

Fleet data of the Danube states

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Budapest, 8th of October, 2024

An overview on the Danube fleet for cargo transport

- Around **3.300 vessels** registered in the member states of DC (only Danube fleet) for cargo transportation
- Around **3.2 million tonnes of total cargo capacity**
 - **Dry cargo**: almost **400 vessels** with a capacity of **430.000 tonnes** (estimated, total, self-propelled)
 - **Liquid cargo**: almost **50 vessels** with a capacity of **55.000 tonnes** (estimated, total, self-propelled)
 - **Barges**: around **2200 vessels** with a capacity of **2.700.000 tonnes** (estimated, total, non-self-propelled)
- These **almost 450 self-propelled vessels** have around **250.000 kW** of a total towing power and the **around 690 towing and pushing boats** have an estimated **580.000kW** of a total towing power dedicated to move the **almost 2200 non self-propelled vessels** (barges)
- A huge amount of the vessels is **more than 35 years old** (of which the Secretariat has the data on their year of construction)
 - Around **60%** of the **towing and pushing** vessels were built **before 1991**
 - Around **80%** of the **self-propelled vessels** were built **before 1991**
 - Around **85%** of the **barges** were built **before 1991**
- It is **hard to estimate**, what proportion of the enumerated vessels is **inactive** → limitations of crew, lack of cargo, expired certificates, in need of repair etc.

Source: the Statistical Yearbook of the Danube Commission (2022)



Fleet composition of member states of DC by motor power

Type of vessel	Variable	Motor power, kW (AT, SK, HR, RS, MD, UA)						total (DE, HU, BG, RO)*	TOTAL (all member states)
		under 190	191-300	301-750	751-1125	1126-1500	over 1500		
Pushers**	number of vessels	3	6	25	25	43	30	383	515
	motor power in kW	422	1,588	12,984	23,220	58,994	60,591	226,305	384,104
Tug-pushers	number of vessels	1	1	3		28	1	18	52
	motor power in kW	132	294	1,388		41,188	1,567	9,579	54,148
Tugs	number of vessels	20	8	6	4		1	89	128
	motor power in kW	2,264	1,905	3,410	3,284		1,740	135,372	147,975
TOTAL	number of vessels	24	15	34	29	71	32	490	695
	motor power in kW	2,818	3,787	17,782	26,504	100,182	63,898	371,256	586,227

Self-propelled bulk vessels	number of vessels	15	19	27	25	1	26	276	389
	motor power in kW	1,983	5,164	14,283	25,171	1,393	42,946	147,402	238,342
Self-propelled tank vessels	number of vessels	1		13	11	5	6	13	49
	motor power in kW	175		6,283	10,835	6,814	11,752	7,169	43,028
Self-propelled sea-river vessels	number of vessels							1	1
	motor power in kW							920	920
TOTAL	number of vessels	16	19	40	36	6	32	290	439
	motor power in kW	2,158	5,164	20,566	36,006	8,207	54,698	155,491	282,290

*In the cases of DE, HU, BG and RO DC only has fleet data in an aggregated form but not detailed by motor power. Therefore, the orange sums are calculated without and the blue and green ones are with the inclusion of these countries' fleet data.

** DC's source on Germany (GDWS) does not separate the categories «Pushers» and «Tug-pushers», therefore the Secretariat includes their aggregated value to both categories.

Fleet composition of member states of DC by cargo capacity

Type of vessel	Variable	Cargo capacity, tonnes (SK, HR, RS, MD, UA)							total (DE, AT, HU, BG, RO)*	TOTAL (all member states)
		under 400	401-649	650-999	1000-1499	1500-1999	2000-2999	over 3000		
Self-propelled bulk vessels	number of vessels	11	7	17	28	28	2	6	290	389
	cargo capacity in tonnes	2,334	3,906	13,838	32,019	46,438	5,762	21,608	307,539	433,444
Self-propelled tank vessels	number of vessels	1		5	7	4	10	2	7	36
	cargo capacity in tonnes	208		4,311	8,765	6,986	25,544	6,325	2,903	55,042
TOTAL	number of vessels	12	7	22	35	32	12	8	297	425
	cargo capacity in tonnes	2,542	3,906	18,149	40,784	53,424	31,306	27,933	310,442	488,486

Pushed barges for dry cargo**	number of vessels	13	24	17	135	258	38		1,503	1,988
	cargo capacity in tonnes	3,473	12,912	14,028	160,277	457,136	80,009		1,810,651	2,538,486
Pushed barges for liquid cargo	number of vessels	2	1	2	5	8	2	1	41	62
	cargo capacity in tonnes	415	462	1,926	6,191	13,604	4,108	3,100	47,543	77,349
Combined (pushed+towed) barges for dry cargo	number of vessels				1				30	31
	cargo capacity in tonnes				1,000				29,489	30,489
Pushed barges (ro-ro)	number of vessels				4			2		6
	cargo capacity in tonnes				4,800			1,960		6,760
Towed barges for dry cargo	number of vessels	35	21	5	4	3			45	113
	cargo capacity in tonnes	5,876	10,549	4,241	4,246	5,134				30,046
Towed barges for liquid cargo	number of vessels			2	14	2				18
	cargo capacity in tonnes			1,960	14,527	3,796				20,283
TOTAL	number of vessels	50	46	26	163	271	40	3	1,619	2,218
	cargo capacity in tonnes	9,764	23,923	22,155	191,041	479,670	84,117	5,060	1,887,683	2,703,413

*In the cases of DE, AT, HU, BG and RO DC only has fleet data in an aggregated form but not detailed by capacity. Therefore, the orange sums are calculated without and the blue and green ones with the inclusion of these values.

**DC's source on Germany (GDWS) does not separate the categories <<Pushed barges for dry cargo>>, <<Pushed barges for liquid cargo>> and <<Combined barges for dry cargo>>, therefore the Secretariat includes their aggregated value to all three categories.

Fleet composition of member states of DC by year of construction (1)

Type of vessel	Variable	Year of construction (except for DE; partly for SK, HU, HR, BG and RO; completely for AT, RS, MD and UA)								Total (Completely for DE; partly for SK, HU, HR, BG and RO (the undetailed values of these countries))*	TOTAL
		before 1940	1941-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	after 2010		
Pushers**	number of vessels		2	170	73	38	209	9		14	515
	motor power in kW		2,391	62,797	99,507	38,316	165,560	7,226		8,305	384,102
Tug-pushers	number of vessels		1	29		3	1			14	48
	motor power in kW		294	42,755		1,162	358			8,305	52,874
Tugs	number of vessels		8	15	10	6				79	118
	motor power in kW		2,288	6,653	2,341	1,321				132,695	145,298
TOTAL	number of vessels		11	214	83	47	210	9		107	681
	motor power in kW		4,973	112,205	101,848	40,799	165,918	7,226		149,305	582,274
Self-propelled bulk vessels	number of vessels	4	10	187	32	45	64	11		36	389
	cargo capacity in tonnes	4,562	10,607	177,952	32,830	65,966	64,208	27,806		49,513	433,444
	motor power in kW	3,091	5,457	90,129	9,972	22,816	25,100	16,685		23,831	197,081
Self-propelled tank vessels	number of vessels		6	14	11	4	1				36
	cargo capacity in tonnes		6,919	12,082	22,900	11,499	1,642				55,042
	motor power in kW		4,524	9,629	15,294	4,039	1,490				34,976
TOTAL	number of vessels	4	16	201	43	49	65	11		36	425
	cargo capacity in tonnes	4,562	17,526	190,034	55,730	77,465	65,850	27,806		49,513	488,486
	motor power in kW	3,091	9,981	99,758	25,266	26,855	26,590	16,685		23,831	232,057

Source: Statistical Yearbook of the Danube Commission (2022)

Fleet composition of member states of DC by year of construction (2)

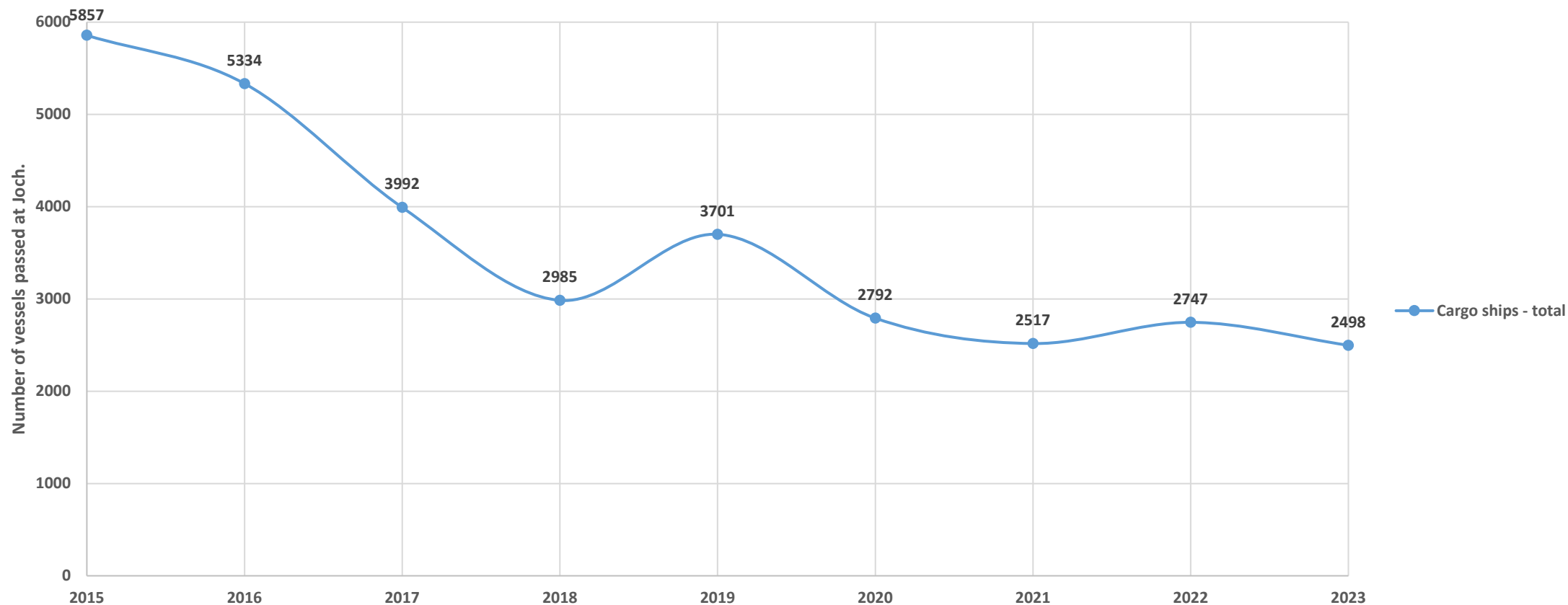
Type of vessel	Variable	Year of construction (except for DE; partly for SK, HU, HR, BG and RO; completely for AT, RS, MD and UA)								Total (Completely for DE; partly for SK, HU, HR, BG and RO (the undetailed values of these countries))*	TOTAL
		before 1940	1941-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	after 2010		
Pushed barges for dry cargo***	number of vessels		1	46	86	389	80	21	3	1,362	1,988
	cargo capacity in tonnes		383	57,255	120,748	562,167	143,499	41,943	5,303	1,577,600	2,508,898
Pushed barges for liquid cargo	number of vessels			12	1	7	16			30	66
	cargo capacity in tonnes			14,773	1,605	9,734	26,548			29,489	82,149
Combined (pushed+towed) barges for dry cargo	number of vessels			1						30	31
	cargo capacity in tonnes			1,000						29,489	30,489
Pushed barges (ro-ro)	number of vessels									2	2
	cargo capacity in tonnes									1,960	1,960
Towed barges for dry cargo	number of vessels	1	11	32	64	5					113
	cargo capacity in tonnes	1,753	4,768	14,723	7,157	2,645					31,046
Towed barges for liquid cargo	number of vessels		12	4			1	1			18
	cargo capacity in tonnes		12,344	4,143			1,917	1,879			20,283
TOTAL	number of vessels	1	24	95	151	401	97	22	3	1,424	2,158
	cargo capacity in tonnes	1,753	17,495	91,894	129,510	574,546	171,964	43,822	5,303	1,638,538	2,645,336

*In the case of DE and partly in the cases of SK, HU, HR, BG, and RO DC only has fleet data in an aggregated form but not detailed by year. Therefore, the orange sums are calculated without and the blue and green ones with the inclusion of these values.

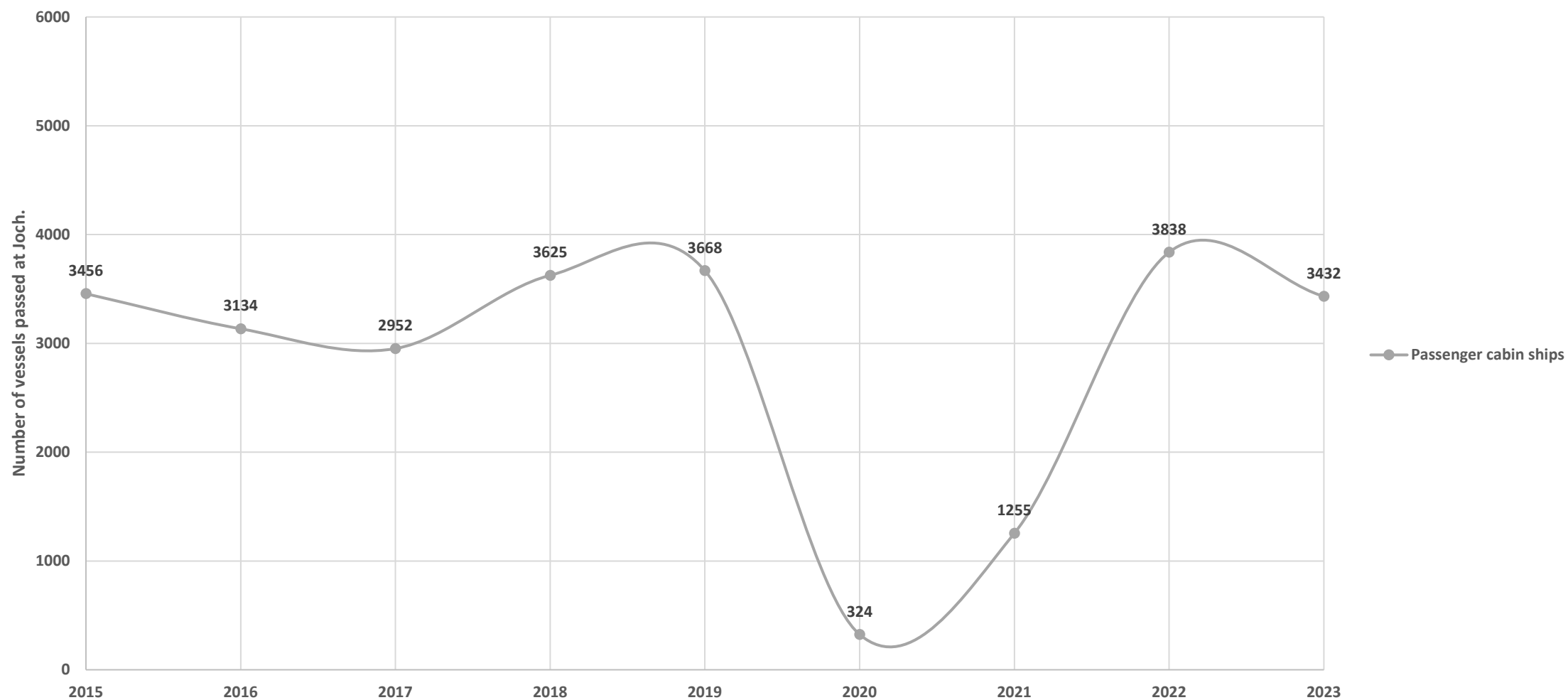
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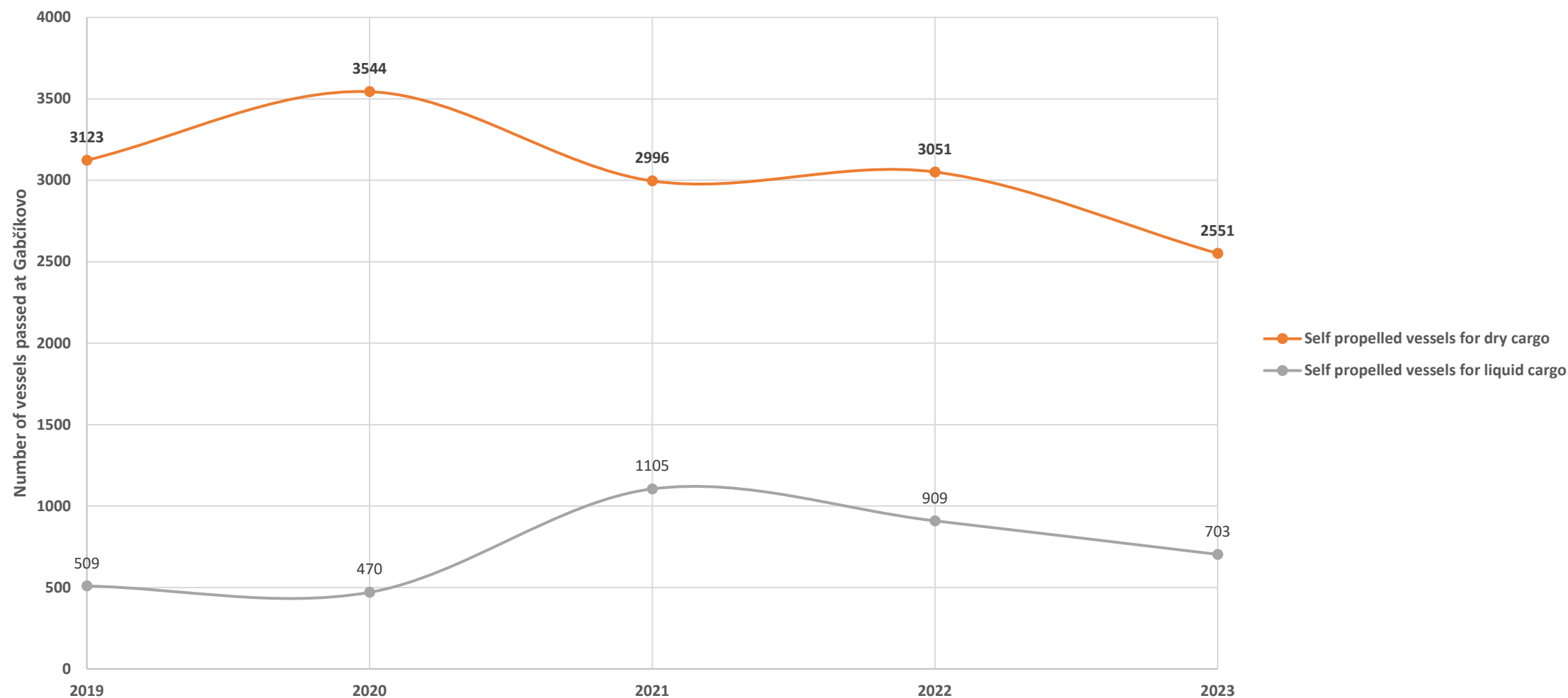
Number of self-propelled cargo ships at Lock Jochenstein 2015-2023



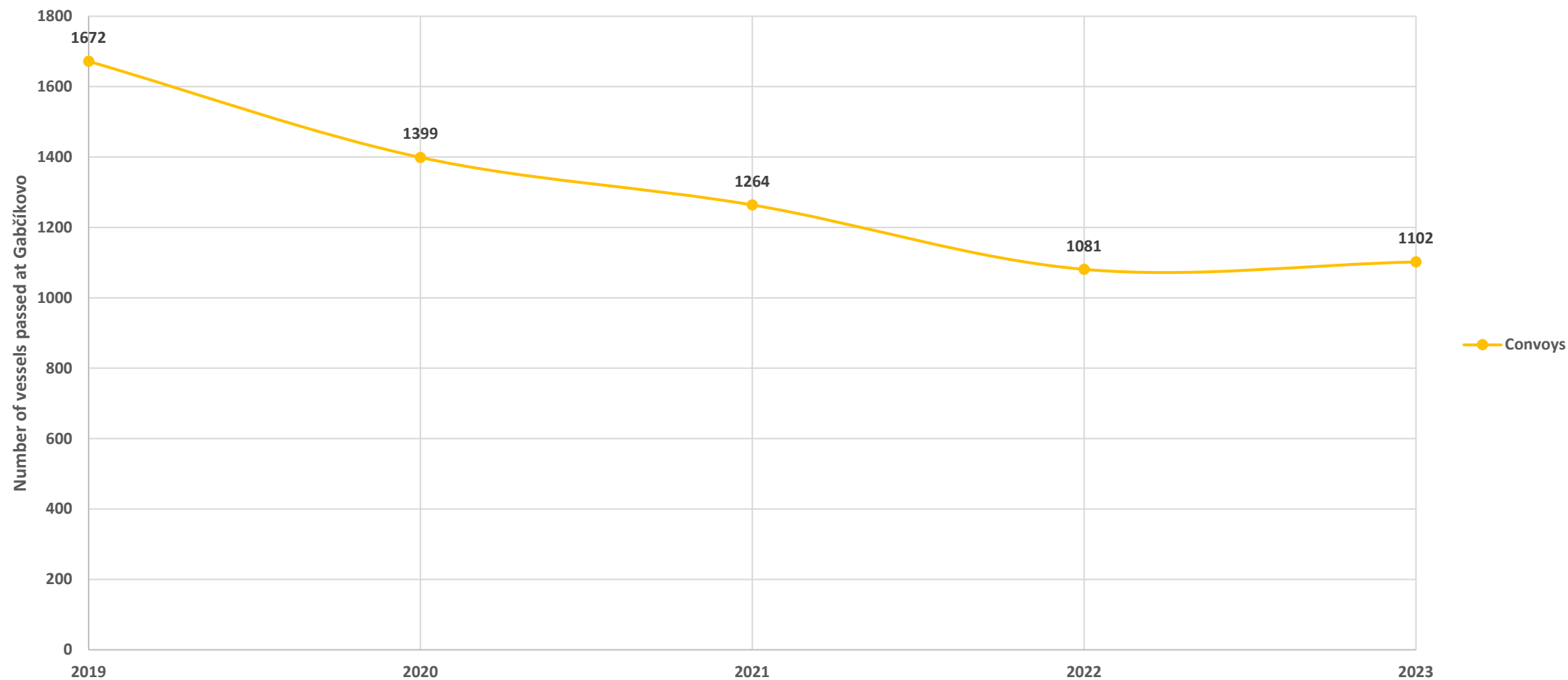
Number of passenger ships at Lock Jochenstein 2015-2023



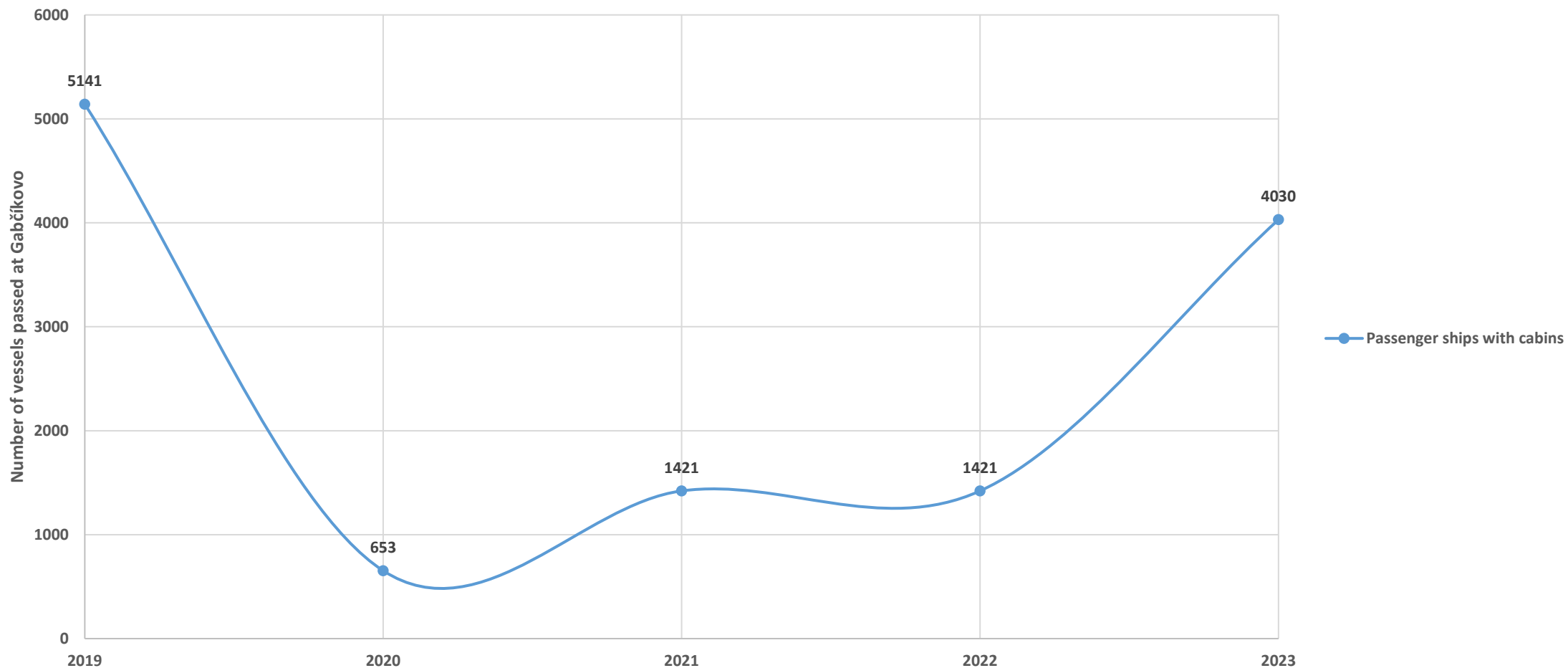
Number of self-propelled cargo ships at Lock Gabčíkovo 2019-2023



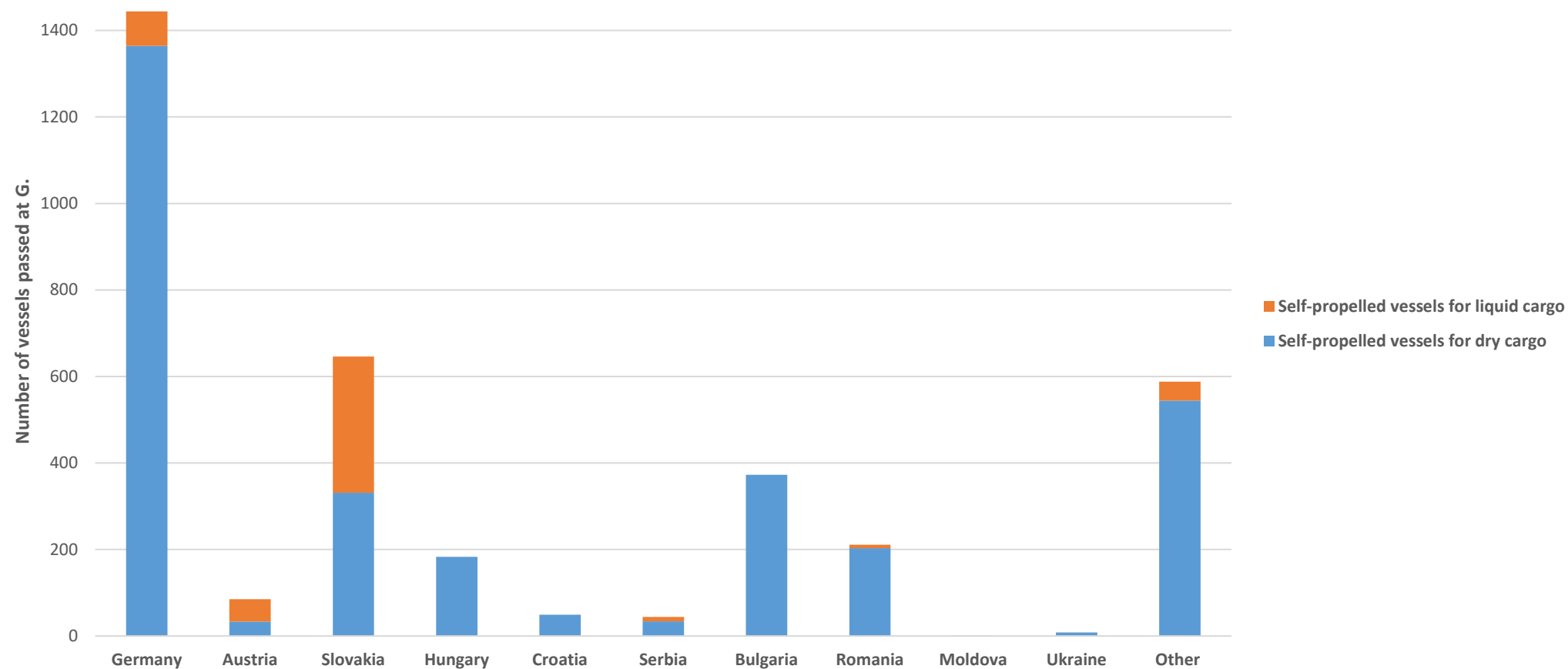
Number of convoys at Lock Gabčíkovo 2019-2023



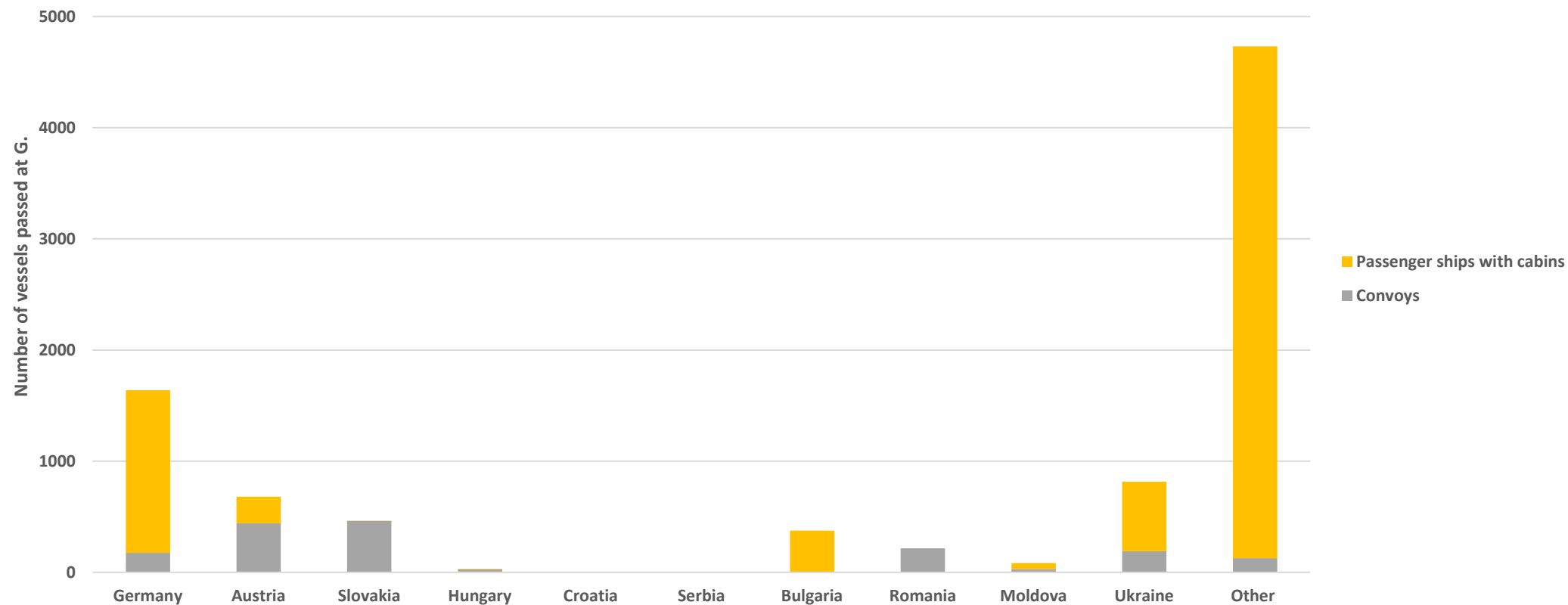
Number of passenger ships at Lock Gabčíkovo 2019-2023



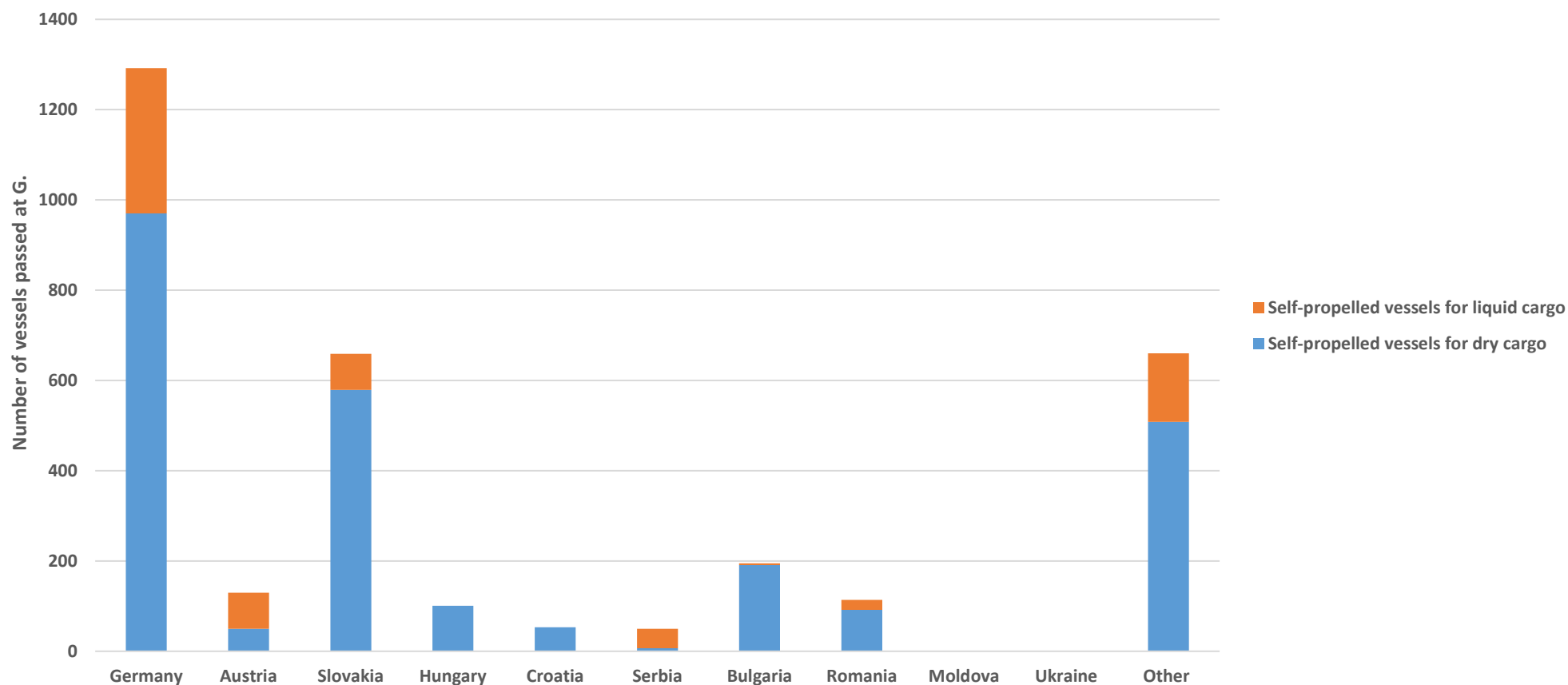
Number of self-propelled cargo ships at Lock Gabčíkovo in 2019 by flag in %



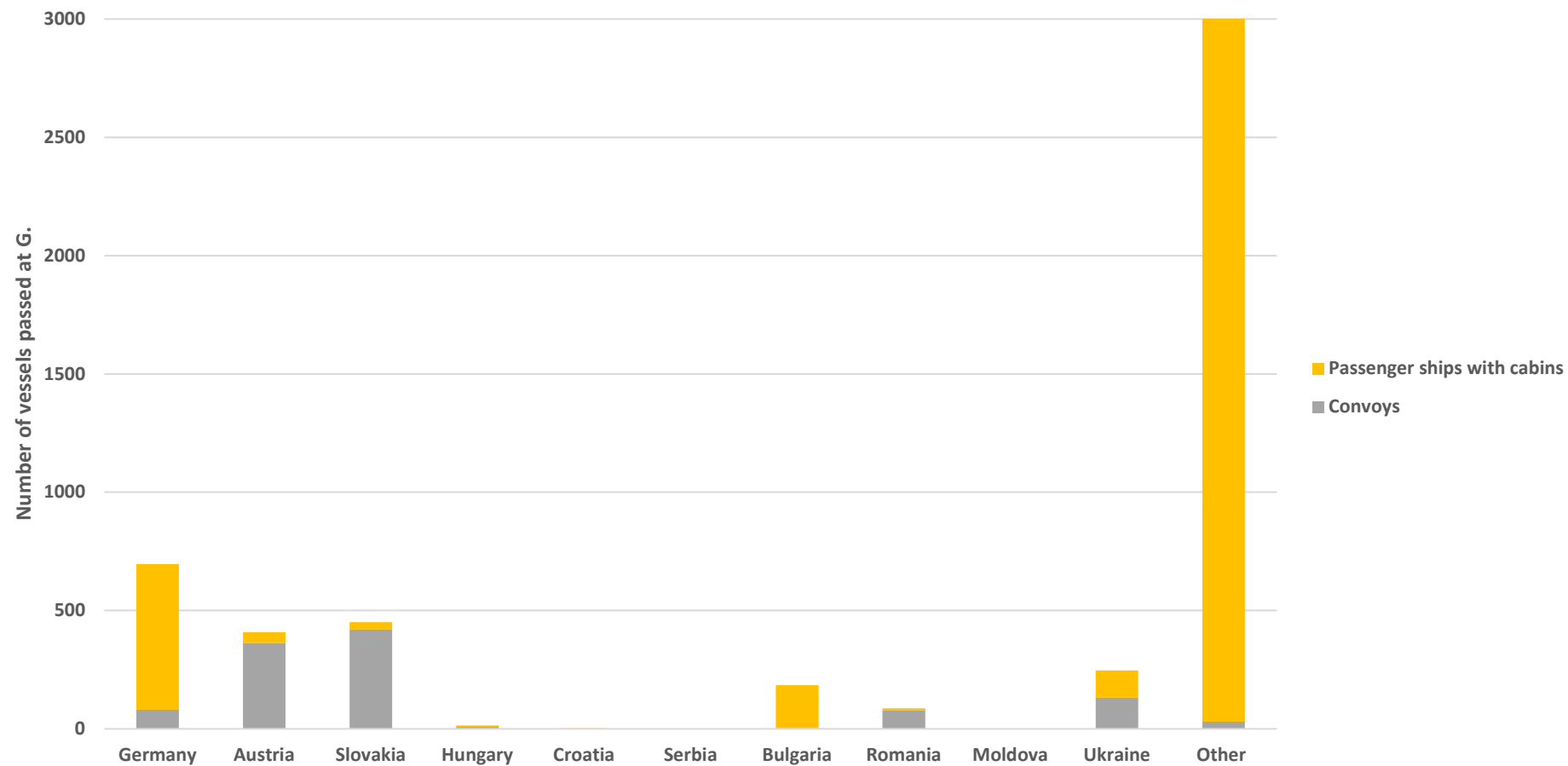
Number of passenger ships and convoys at Lock Gabčíkovo in 2019 by flag in %



Number of self-propelled cargo ships at Lock Gabčíkovo in 2023 by flag in %

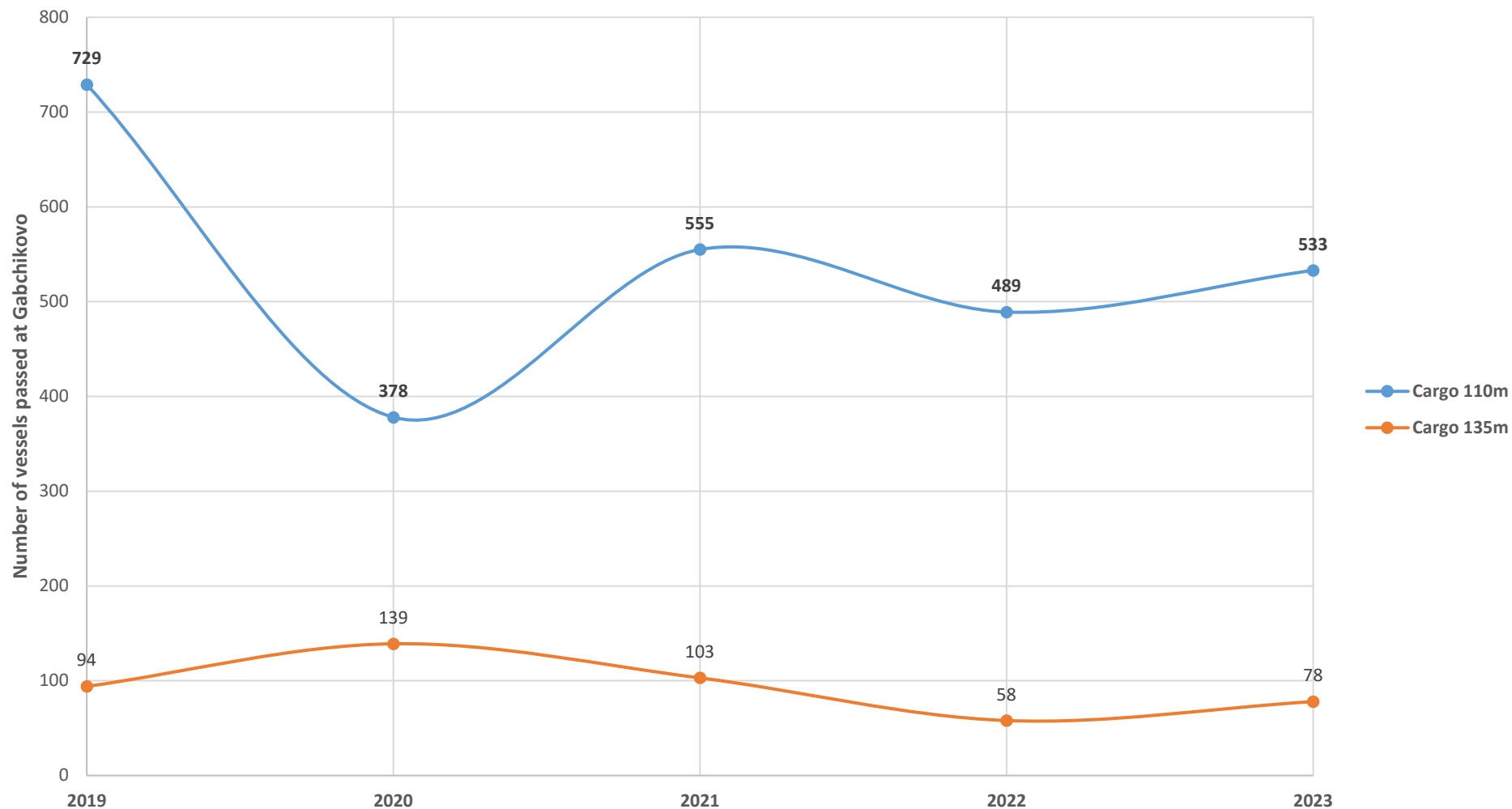


Number of passenger ships and convoys at Lock Gabčíkovo in 2023 by flag in %

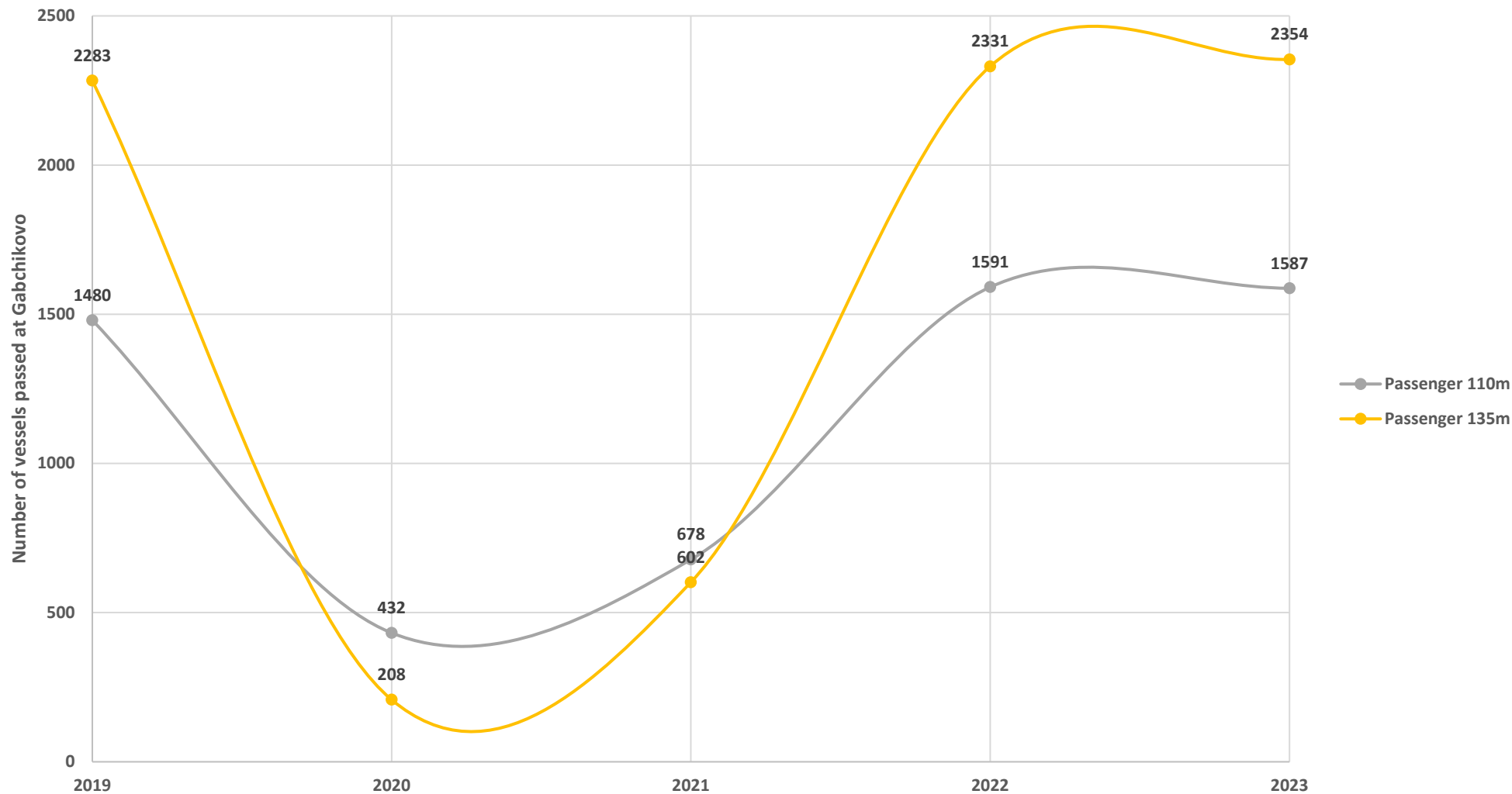


Source: Slovenský Vodohospodársky Podnik

Number of self-propelled cargo ships at Lock Gabčíkovo by length 2019-2023

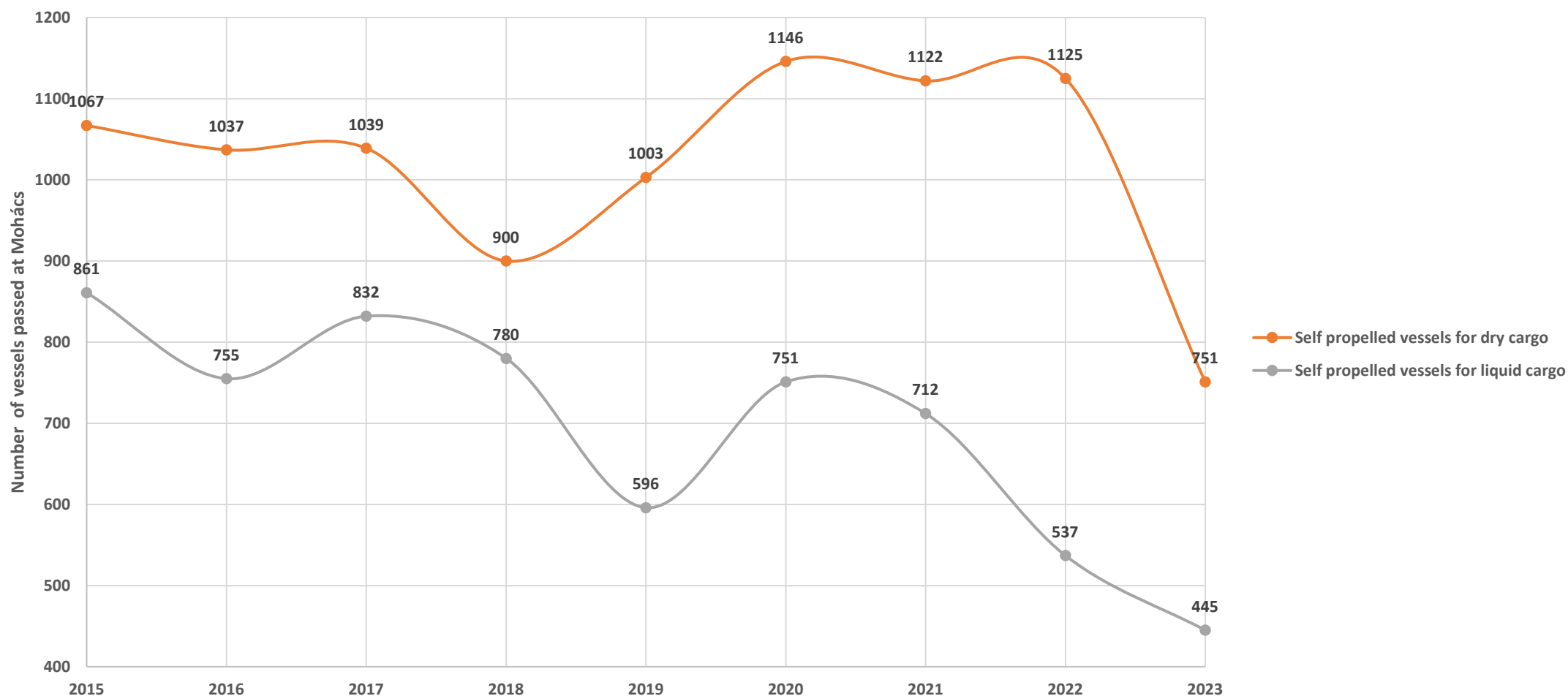


Number of passenger ships at Lock Gabčíkovo by length 2019-2023



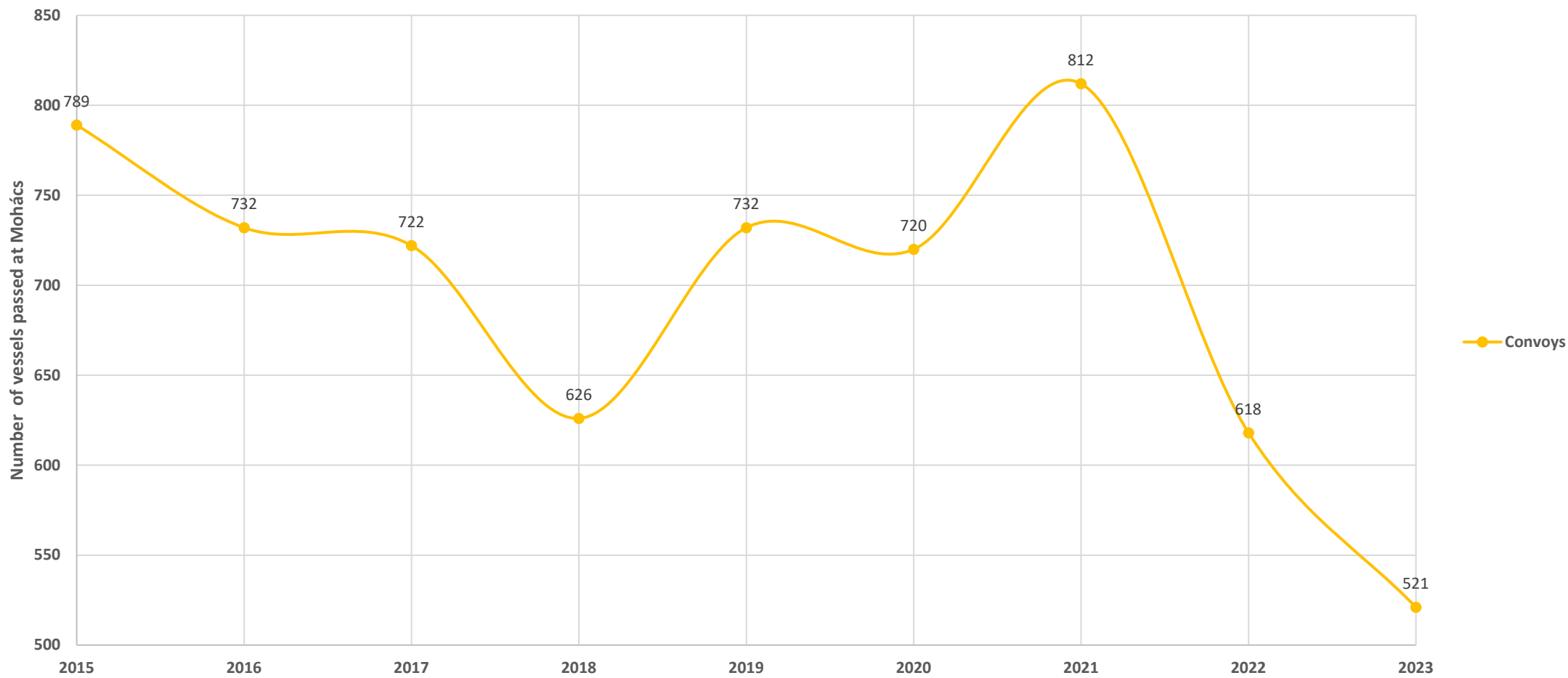
Source: Slovenský Vodohospodársky Podnik

Number of self-propelled cargo ships at border crossing point Mohács 2019-2023



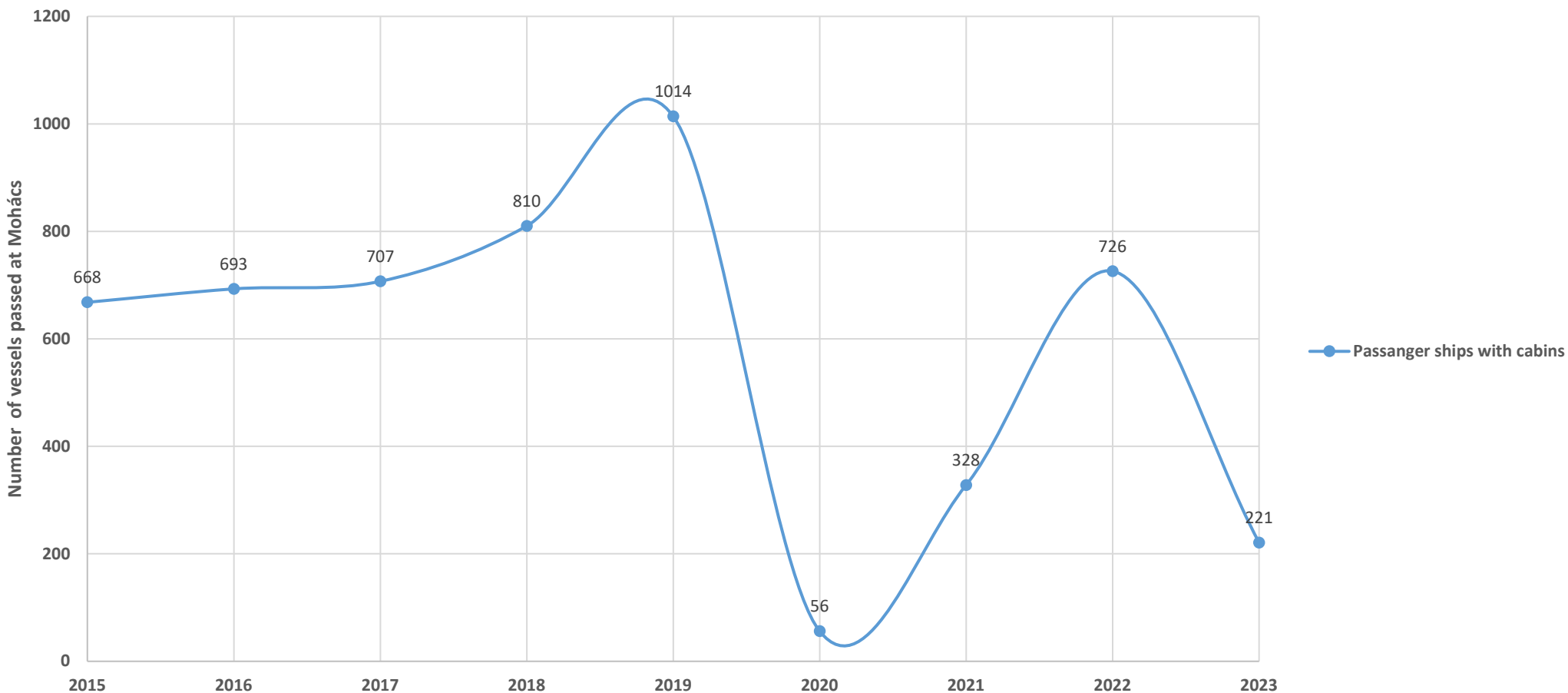
Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of convoys at border crossing point Mohács 2019-2023



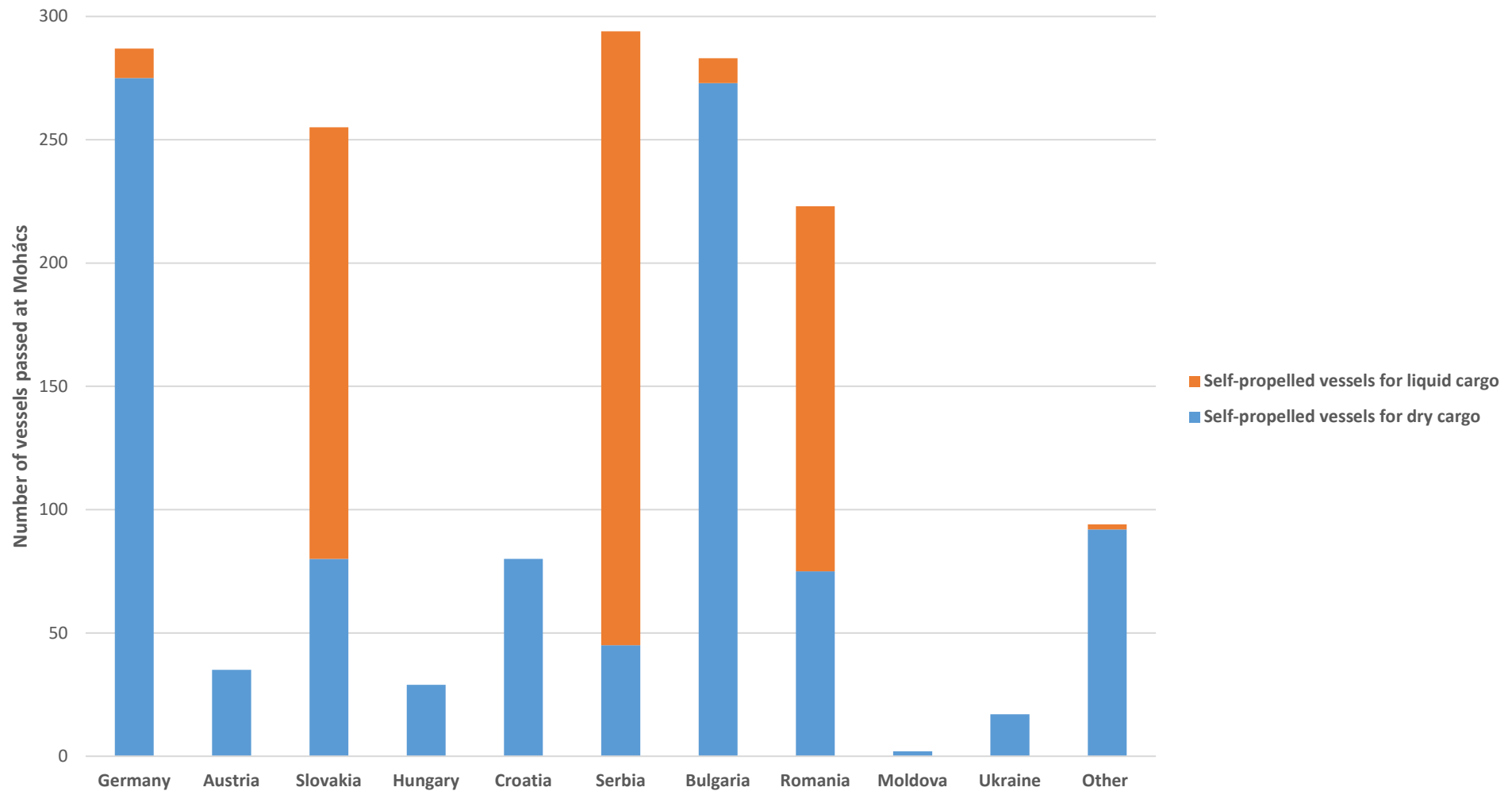
Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of passenger ships at border crossing point Mohács 2019-2023



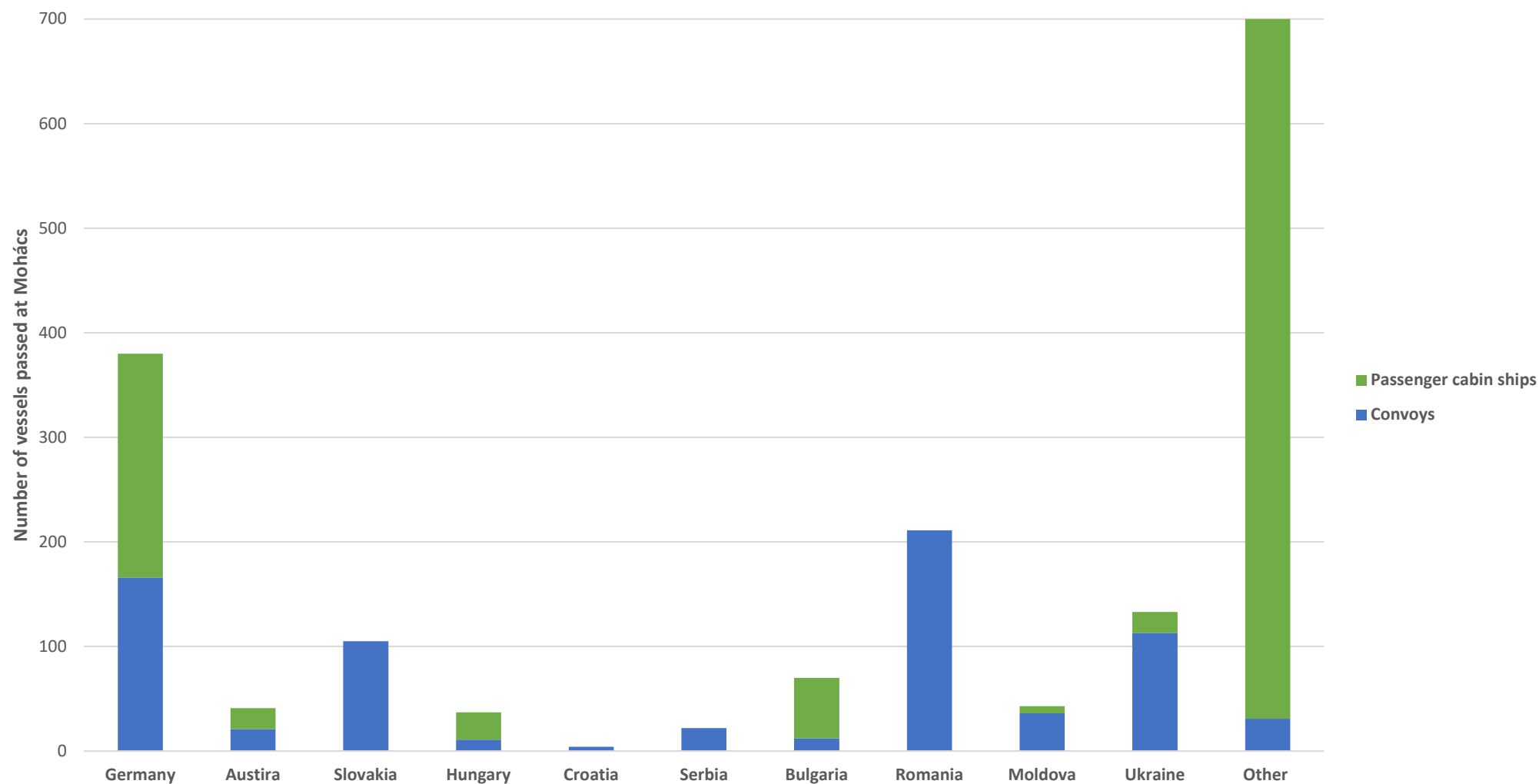
Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of self-propelled cargo ships at border crossing point Mohács in 2019 by flag in %



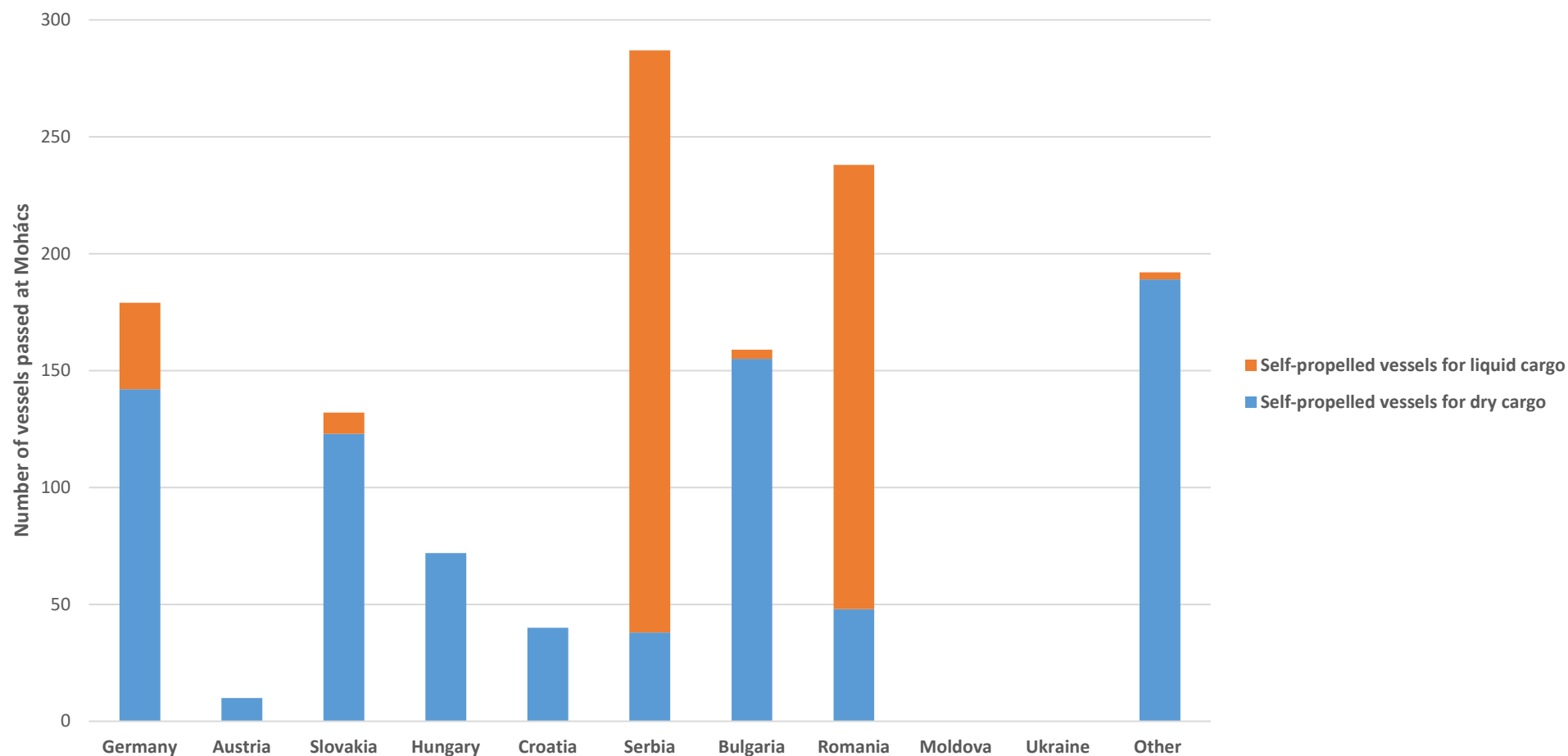
Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of passenger ships and convoys at border crossing point Mohács in 2019 by flag in %



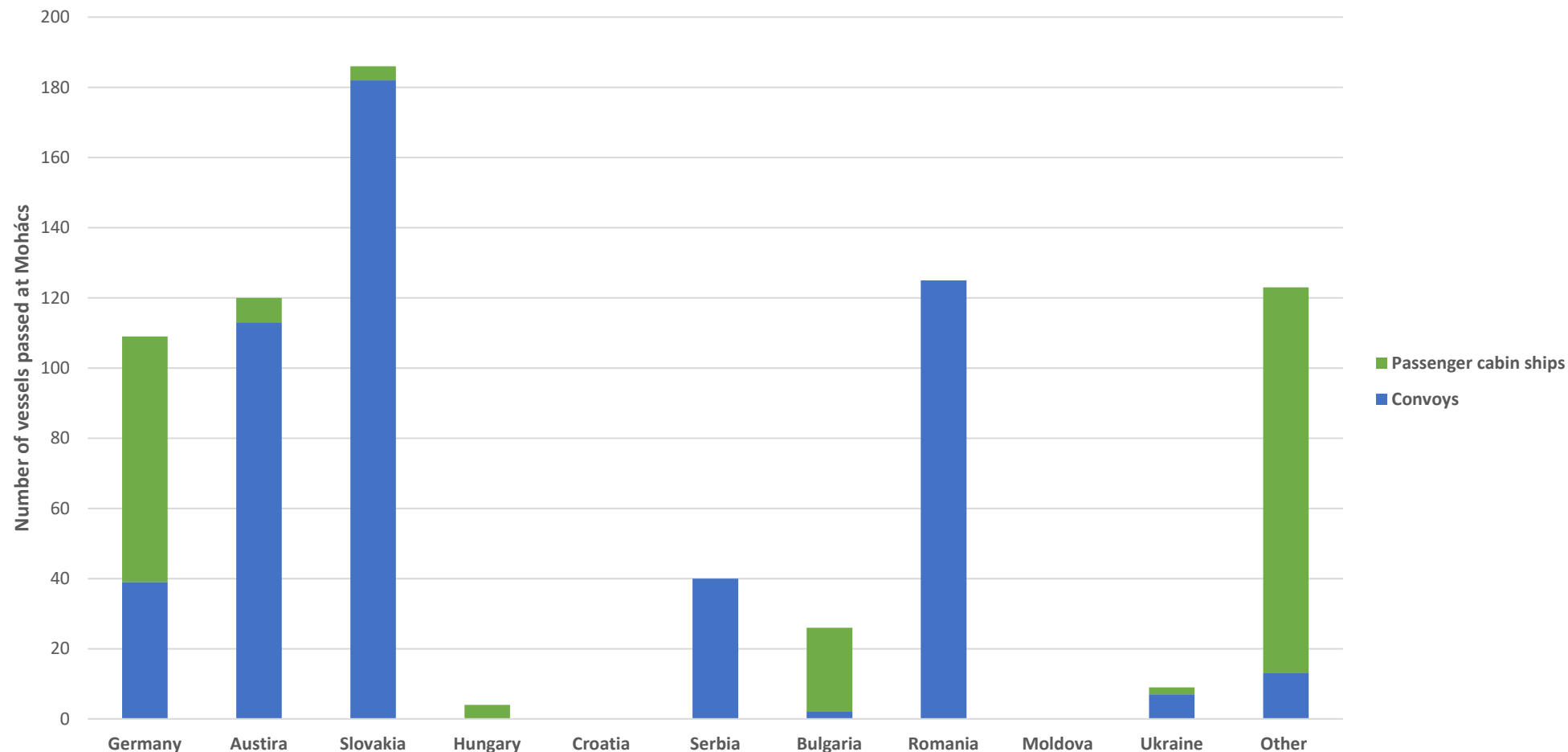
Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of self-propelled cargo ships at border crossing point Mohács in 2023 by flag in %



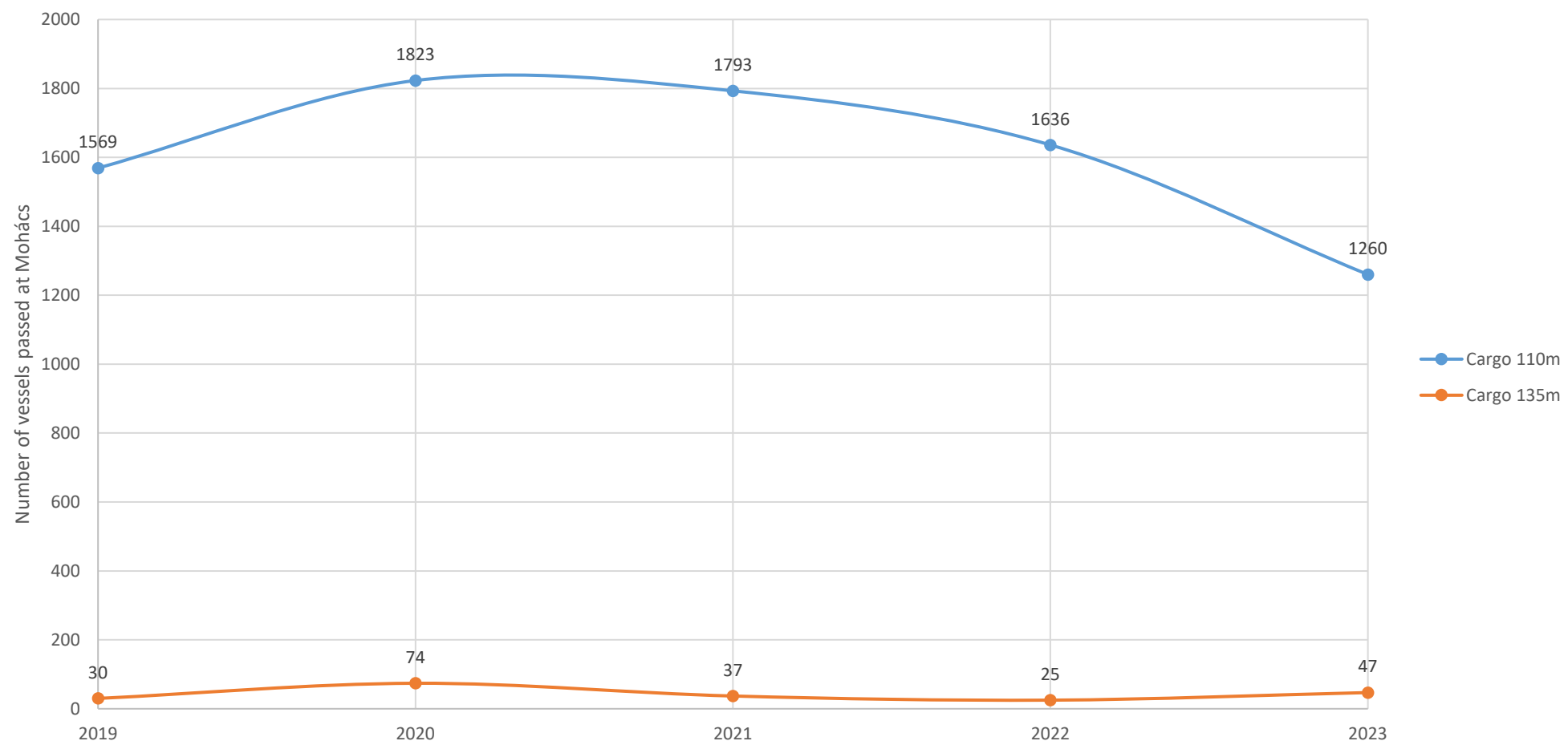
Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of passenger ships and convoys at border crossing point Mohács in 2023 by flag in %



Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Number of self-propelled vessels at border crossing point Mohács by length 2019-2023



Source: Mohácsi Városgazdálkodási és Révhajózási NKft.

Luxembourg

Bunkering stations and bunkering vessels on the Danube

Bunkering stations

- A:** Regensburg
- B:** Enns/Ennsdorf
- C:** Korneuburg
- D:** Vienna
- E:** Bratislava
- F:** Budapest
- G:** Novi Sad
- H:** Belgrade
- I:** Smederevo
- J:** Veliko Gradiste
- K:** Prahovo
- L:** Lom
- M:** Somovit
- N:** Svis-v
- O:** Ruse
- P:** Silistra
- Q:** Galati
- R:** Reni
- S:** Ismail
- T:** Kiliya-Arm
- U:** Velikovo
- V:** Constanta

Bunkering vessels

- 1:** Regensburg
- 2:** Passau
- 3:** Linz
- 4:** Enns/Ennsdorf
- 5:** Vienna
- 6:** Budapest
- 7:** Braila-Galati-Tulcea
- 8:** M. Veche - Orsova



Source(s): interactive map of Danube Commission (2024), viadonau (2024)

Bunkering vessels along the Danube

viadonau

Bunker vessels along the Danube

Country	Vessel name	River-km (operating area)	Location	Operator	Contact	Mail	Phone	Website
DE	Rheintank 18	2373-2379	Regensburg	Rheintank GmbH	Claudia Fliegel	claudia.fliegel@de.rhenus.com	0049 (0) 1 72 409 18 16	www.rheintank.de
DE	Bunkerservice 1	2220-2234	Passau	Maier Korduletsch Energie GmbH	Michael Lubitzki	flloibl@maierkorduletsch.de	0049 (0) 1717209648 0049 (0) 8541960512	www.maierkorduletsch.de
			Passau	Nord- und Westdeutsche Bunker GmbH				https://www.nwb-bunker.de/broschuere/html5.html#/4
AT	Rheintank 36	2121-2138	Linz	Rheintank GmbH	Claudia Fliegel	claudia.fliegel@de.rhenus.com	+43 66 44 50 74 60	www.rheintank.de
AT	ORION		Enns / Ennsdorf	Galaxy Power GmbH	Hr. Lybenov	galaxypower.enns@gmail.com	+43 / 650 / 554 47 22	http://galaxypower.eu/
AT	Donauplus & DTSG1	1922 - 1936,5	Wien	DTSG Bunkerservice	Johannes Knitel	j.knitel@dtsg.at	0043 (0) 1 2160060 40 oder 45	www.reederei-jaegers.de/jaegers_bunkerservice_d.php
AT	Stavo	1926-1958	Wien	MOL	Roland Dirnbauer	rdirnbauer@molaustria.at	0043 (0) 676 3039148	https://molaustria.at/at/produkte/bunkergasoeil/
AT	Wientank 1 & Wientank 2	1920-1936	Wien	Ferrexpo Port Services GmbH	Bernhard Benkovits	Bernhard.Benkovits@ferrexpo-portservices.com	0043 (0) 1 725 00-800 0043 (0) 664 80735800	http://ddsg-holding.com/bunker-service.html
HU	Gerrit Adriaan	1625 - 1655	Budapest	DTSG Bunkerservice	István Ilkei	i.ilkei@eurotank.hu	0036 (0) 1 21629 66	www.reederei-jaegers.de/jaegers_bunkerservice_d.php
HU		1625 - 1655	Budapest	MOL Ungarn	I. Bencze	IBencze@MOL.hu		www.mol.hu/en/business_centre/services/bunker_service/
RO	Unicom 1 // Unicom 4	70 - 170	Braila - Galati - Tulcea	Unicom Bunkering	Marc Bobeico	Marc.Bobeico@unicom-group.ro	0040 (0) 741 572 922	www.unicom-group.ro/bunkering/en/services.html
RO		1050 - 940	Moldova Veche - Orsova	Unicom Bunkering	Marc Bobeico	Marc.Bobeico@unicom-group.ro	0040 (0) 741 572 922	www.unicom-group.ro/bunkering/en/services.html

Source: via donau - Austrian Waterway Management Company

This information is supplied without liability.

in the green colored entry the operator has changed to Hoyer Marine (<https://binnenschiffahrt-online.de/2020/05/schiffstechnik/14594/nwb-wird-zu-hoyer-marine/>)

Bunkering stations along the Danube

Bunkering stations along the Danube

Country	River-km	Location	Bank	Operator	Contact	E-Mail	Phone	Website	Further information
DE	2376	Regensburg	R	REINPLUS FIWADO Bunker		info@reinplusfiwado.de	0049(0)941 793 89 0	https://www.reinplusfiwado.com/n/bunkerlocates/regensburg	Mon-Fri 7.00-18.00
AT	1942	Korneuburg	L	MOL Austria HandelsgesmbH	Roland Dimbauer	rdimbauer@molautria.at	0043 (0) 676 3039148	https://molautria.at/at/produkte/bunkergasol/	
AT	1930	Wien	R	DTSG Bunkerservice	Johannes Knitel	j.knitel@dtsg.at	0043 (0) 1 2160060/40 oder 45	www.reederei-jaegers.de/jaegers_bunkerservice_e.php	Working hours: 24/7
AT	1928	Wien	R	Ferrexpo Port Services GmbH	Bernhard Benkovits	Bernhard.Benkovits@ferrexpo-portservices.com	0043 (0) 1 725 00-800 0043 (0) 604 80735800	www.ddsg-holding.com/bunker-service.html	
SK	1866	Bratislava	L	SPaP a.s.	Jaroslav Riečan	riejan@spap.sk	00421 (0) 2 58271835	www.spap.sk/en/bunkering-and-services-ships	Working days: from 07:00 till 15:00 Otherwise: Upon agreement
HU	1640	Budapest	L	DTSG Bunkerservice	István Ilkei	i.ilkei@eurotank.hu	361216266	www.reederei-jaegers.de/jaegers_bunkerservice_e.php	Working hours: 24/7
HU	1664.600	Budapest	R	Tanker Port Environment Technology and Innovation Ltd.		info@tankerport.hu	36706092744	http://www.tankerport.hu/index.php/en/	
RS	1252km	Novi Sad	D-T-D Channel	NIS a.d. Novi Sad	Djordjije Sipic	djordije.sipic@nis.eu	00381 64 8224850	https://www.nis.eu/en/products-and-services/marine-fuel	Working hours: Monday-Saturday from 8-20h. Fuel price is VAT FREE.
RS	1168km	Belgrade	Right	NIS a.d. Novi Sad	Djordjije Sipic	djordije.sipic@nis.eu	00381 64 8224850	https://www.nis.eu/en/products-and-services/marine-fuel	Working hours: Monday-Saturday from 8-20h. For passenger vessels bunkering is possible on Sundays. Fuel price is VAT FREE.
RS	1075	Veliko Gradiste		last Info von Robert Meszaros					
RS	861km	Prahovo	Right	NIS a.d. Novi Sad	Djordjije Sipic	djordije.sipic@nis.eu	00381 64 8224850	https://www.nis.eu/en/products-and-services/marine-fuel	Working hours: 24/7 Fuel price is VAT FREE.
BG	745	Lom	R	Lukoil Bulgaria Bunker	Roza Dimitrova	sales@lukoil-bunker.bg	+359 887762639/+359 2 9175383	www.lukoil-bunker.bg	Delivery by truck, required notice 2 days
BG	606	Somovit	R						IL WESKA 2008
BG	552	Slivost	R	Lukoil Bulgaria Bunker	Roza Dimitrova	sales@lukoil-bunker.bg	+359 887762639/+359 2 9175383	www.lukoil-bunker.bg	Delivery by truck, required notice 2 days
BG	503	Rousse		Go-Bunkering Danube Bunkering & Trading Resources		bunker@go-bunkering.com	0038 (067) 558 04 80	www.go-bunkering.com	
BG	495	Rousse	L	Cosmos Energy LTD	Branislav Genev	bunker@cosmosenergy.eu	00359 (0) 52 622 274, 600 232	www.cosmosenergy.eu	
BG	490	Rousse	R	Lukoil Bulgaria Bunker	Roza Dimitrova	sales@lukoil-bunker.bg	+359 887762639/+359 2 9175383	www.lukoil-bunker.bg	Delivery by bunker barge, truck, ex wharf Required notice min 6 h, but depends on bunker schedule
BG	489	Port Rousse East		Danube Bunkering s.r.o.	Maksym Zolotonos	ops@danube.online	380939586478	www.danube.online	Required notice min 6 h, but depends on bunker schedule
BG	375	Silistra	R	Lukoil Bulgaria Bunker	Roza Dimitrova	sales@lukoil-bunker.bg	+359 887762639/+359 2 9175383	www.lukoil-bunker.bg	Delivery by truck, required notice 2 days
RO	150	Port Galati	L	Unicom Holding (within Unicom Oil Terminal)		bunker@unicom-group.ro	40212329944	http://unicom-group.ro/holding	Marked and coloured product Deliveries ex-pipe berth 54 FOB Galati Deliveries by trucks all Romanian ports on
UA	98 (61 mile)	Anchorage place for tankers	R	Danube Bunkering s.r.o.	Maksym Zolotonos	ops@danube.online	380939586478	www.danube.online	opening hours: 24/7
UA	98 (61 mile)	Ismail		Go-Bunkering Danube Bunkering & Trading Resources		bunker@go-bunkering.com	0038 (067) 558 04 80	www.go-bunkering.com	
UA	90	Ismail	L	Triton Energy	Arkadiy Borodkin	bunkerstriton@3ton.od.ua	0038 (0) 048 734 0564	www.3ton.od.ua	
UA									
UA	46-56	Kilya-Arm		Go-Bunkering Danube Bunkering & Trading Resources		bunker@go-bunkering.com	0038 (067) 558 04 80	www.go-bunkering.com	
UA	10-17	Vilkovo		Go-Bunkering Danube Bunkering & Trading Resources		bunker@go-bunkering.com	0039 (067) 558 04 80	www.go-bunkering.com	
RO	Bunker station 628	Constanta		BUNKER TRADE LOGISTICS SRL	Dumitru Margarit	baria628@btlt.ro	0040 (0)745366440	http://www.tts-group.ro/the-company.html	

Source: viadonau

the green colored entries were updated for the last time in 2019, on the white entries no information was found anymore even in 2019, the yellow colored entry is based on a statement from a representative of the shipping sector



**Thank you for
your attention!**

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