

DANUBE COMMISSION

DANUBE NAVIGATION STATISTICS in 2015-2016

(version - November 2017)

The following are statistics on key indicators of the Danube navigation in 2015-2016

The tables list abbreviations of the Member States of the Danube Commission:

1¹	2
UA	Ukraine
MD	Republic of Moldova
RO	Romania
BG	Republic of Bulgaria
RS	Republic of Serbia
HR	Republic of Croatia
HU	Hungary
SK	Slovak Republic
AT	Republic of Austria
DE	Federal Republic of Germany
RU	Russian Federation

¹ NUTS national code / ISO code

1. AVAILABLE DANUBE FLEET AND ITS COMPOSITION BY COUNTRIES AND BY MAIN TYPES OF VESSELS IN 2015–2016

(based on statistical data forms ST-1 - ST-3; DSO-1)

	Year	UA	MD	RO	BG (2015)	RS	HR	HU	SK	AT	DE	Total	Share in total composition of Danube fleet (in %)
<i>Motorized vessels</i>													
Number of units	2016	29	*	157	57	74	23	68	10	*	*	418	13,2
	2015	31	*	154	57	97	19	70	23	*	*	451	12,6
	%	93,5	*	101,9	100,0	76,3	121,1	97,1	43,5	*	*	92,7	
Total power of motorized vessels (kW)	2016	48 259	*	77 933	40 956	47 808	15 439	*	4 822	*	*	235 217	36,6
	2015	48 864	*	76 720	40 956	37 929	12 384	*	7 797	*	*	224 650	32,8
	%	98,8	*	101,6	100,0	126,0	124,7	*	61,8	*	*	104,7	
Total carrying capacity of motorized vessels (t)	2016	65 078	*	141 775	69 637	82 612	27 663	*	10 365	*	*	397 130	13,3
	2015	70 762	*	139 672	69 637	88 066	20 621	*	12 775	*	*	401 533	12,4
	%	92,0	*	101,5	100,0	93,8	134,1	*	81,1	*	*	98,9	
<i>Tugs</i>													
Number of units	2016	3	*	141	14	13	27	43	4	*	*	245	7,7
	2015	5	*	134	14	94	30	43	2	*	*	322	9,0
	%	60,0	*	105,2	100,0	13,8	90,0	100,0	200,0	*	*	76,1	
Total power of tugs (kW)	2016	2 316	*	28 704	4 955	3 475	7 640	*	1 022	*	*	48 112	7,5
	2015	3 640	*	27 723	4 955	24 768	8 748	*	915	*	*	70 749	10,3
	%	63,6	*	103,5	100,0	14,0	87,3	*	111,7	*	*	68,0	
<i>Pusher vessels</i>													
Number of units	2016	53	*	153	39	33	9	15	29	*	*	331	10,5
	2015	61	*	152	39	65	10	15	30	*	*	372	10,4
	%	86,9	*	100,7	100,0	50,8	90,0	100,0	96,7	*	*	89,0	
Total power of pusher vessels (kW)	2016	88 669	*	167 856	41 943	30 855	4 356	*	26 363	*	*	360 042	56,0
	2015	94 735	*	164 524	41 943	55 388	5 294	*	27 423	*	*	389 307	56,9
	%	93,6	*	102,0	100,0	55,7	82,3	*	96,1	*	*	92,5	

	Year	UA	MD	RO	BG (2015)	RS	HR	HU	SK	AT	DE	Total	Share in total composition of Danube fleet (in %)	
<i>Towed barges</i>														
	2016	18	*	356	46	18	58	5	2	*	*	503	15,9	
Number of units	2015	18	*	370	46	228	66	6	2	*	*	736	20,5	
	%	100,0	*	96,2	100,0	7,9	87,9	83,3	100,0	*	*	68,3		
Total carrying capacity of towed barges (t)	2016	28 912	*	213 578	63 893	7 805	32 529	*	1	*	*	346 718	11,7	
	2015	28 912	*	225 943	63 893	294 001	38 981	*	1	*	*	651 731	20,1	
	%	100,0	*	94,5	100,0	2,7	83,4	*	100,0	*	*	53,2		
<i>Pushed barges</i>														
Number of units	2016	249	*	789	111	119	56	245	99	*	*	1 668	52,7	
	2015	257	*	764	111	180	45	246	102	*	*	1 705	47,5	
	%	96,9	*	103,3	100,0	66,1	124,4	99,6	97,1	*	*	97,8		
Total carrying capacity of pushed barges (t)	2016	365 553	*	1 279 514	177 381	184 613	59 748	*	164 888	*	*	2 231 697	75,0	
	2015	379 008	*	1 242 361	177 381	169 101	43 657	*	171 700	*	*	2 183 208	67,5	
	%	96,4	*	103,0	100,0	109,2	136,9	*	96,0	*	*	102,2		
TOTAL	Total number of vessels	2016	352	*	1 596	267	257	173	376	144	*	*	3 165	100
		2015	372	*	1 574	267	664	170	380	159	*	*	3 586	100
		%	94,6	*	101,4	100,0	38,7	101,8	98,9	90,6	*	*	88,3	
	Total power of fleet (kW)	2016	139 244	*	274 493	87 854	82 138	27 435	*	32 207	*	*	643 371	100,0
		2015	147 239	*	268 967	87 854	118 085	26 426	*	36 135	*	*	684 706	100,0
		%	94,6	*	102,1	100,0	69,6	103,8	*	89,1	*	*	94,0	
	Total carrying capacity of fleet (t)	2016	459 543	*	1 634 867	310 911	275 030	119 940	*	175 254	*	*	2 975 545	100
		2015	478 682	*	1 607 976	310 911	551 168	103 259	*	184 476	*	*	3 236 472	100
		%	96,0	*	101,7	100,0	49,9	116,2	*	95,0	*	*	91,9	

* Hereinafter, data are not available or magnitude "0".

**2. COMPOSITION OF THE DANUBE FLEET BY COUNTRIES in 2016
(DRY BULK CARGO AND LIQUID BULK CARGO VESSELS; TUGS AND PUSHER VESSELS)**

2.1. Dry bulk cargo vessels

Country	Dry bulk cargo vessels						Total		
	Motorized vessels			Barges			Number of vessels (unit)	Carrying capacity (t)	Power (kW)
	Number of vessels (unit)	Carrying capacity (t)	Power (kW)	Number of vessels (unit)	Carrying capacity (t)	Power (kW)			
UA	26	58 400	43 478	259	382 330		285	440 730	43 478
MD (2008)	8	15 917	..	26	24 653		34	40 570	..
RO	133	108 185	61 968	1 076	1 440 681		1 209	1 548 866	61 968
BG (2015)	47	59 482	35 344	147	230 692		194	290 174	35 344
RS	51	48 798	22 675	124	173 572		175	222 370	22 675
HR	16	19 019	9 506	93	69 215		109	88 234	9 506
HU	68	..	..	249	..	..	317	..	..
SK	7	6 930	2 840	94	154 683		101	154 683	0
AT	..	..	..	..	..		..	..	..
DE ¹	50	71 095	37 908	62	123 430	85 293	112	194 525	123 201
TOTAL	406	380 896	210 879	2 130	2 599 256	85 293	2 536	2 980 152	296 172

¹ Vessels by home port on the Danube. Data for barges also includes liquid bulk cargo barges - "Veränderung des Schiffsbestandes der deutschen Binnenflotte im Jahre 2016".

**2. COMPOSITION OF THE DANUBE FLEET BY COUNTRIES in 2016
(DRY BULK CARGO AND LIQUID BULK CARGO VESSELS; TUGS AND PUSHER VESSELS)**

(continued)

2.2. Liquid bulk cargo vessels

Country	Liquid bulk cargo vessels						Total		
	Motorized vessels			Barges			Number of vessels (unit)	Carrying capacity (t)	Power (kW)
	Number of vessels (unit)	Carrying capacity (t)	Power (kW)	Number of vessels (unit)	Carrying capacity (t)	Power (kW)			
UA	1	3 130	883	8	12 136		9	15 266	883
MD (2008)	5	4 199	..	0	0		5	4 199	0
RO	24	33 590	15 965	69	52 411		93	86 001	15 965
BG (2015)	9	8 883	4 692	10	16 453		19	25 336	4 692
RS	23	33 814	25 133	13	18 848		36	52 662	25 133
HR	7	8 644	5 933	21	23 062		28	31 706	5 933
HU	2	..	..	1	..		3	0	..
SK	3	3 435	1 982	7	10 206		10	13 641	1 982
AT	..	..	..	..	..		..	..	..
DE ¹	3	5 775	3 155	..	..		3	5 775	3 155
TOTAL	77	101 470	57 743	129	133 116		206	234 586	57 743

¹ Vessels by home port on the Danube - "Veränderung des Schiffsbestandes der deutschen Binnenflotte im Jahre 2016".

**2. COMPOSITION OF THE DANUBE FLEET BY COUNTRIES in 2016
(DRY BULK CARGO AND LIQUID BULK CARGO VESSELS; TUGS AND PUSHER VESSELS)**

(continued)

2.3. Tugs and pusher vessels

Country	Tugs		Pusher vessels*		Total	
	Number of vessels (unit)	Power (kW)	Number of vessels (unit)	Power (kW)	Number of vessels (unit)	Power (kW)
UA	3	2 316	53	88 669	56	90 985
MD (2008)	10	8 977	1	1 500	11	10 477
RO	141	28 704	153	167 856	294	196 560
BG (2015)	14	4 955	39	41 943	53	46 898
RS	13	3 475	33	30 855	46	34 330
HR	27	7 640	9	4 356	36	11 996
HU	43	..	15	..	58	..
SK	4	1 022	29	26 363	33	27 385
AT	..	..	..	..	..	..
DE ¹	3	472	27	31 775	30	32 247
TOTAL	258	57 561	359	393 317	617	450 878

* Including pusher tugs.

¹ Vessels by home port on the Danube - "Veränderung des Schiffsbestandes der deutschen Binnenflotte im Jahre 2016".

3. DATA ON DANUBE FLEET BY COUNTRIES AND BY YEARS OF CONSTRUCTION
(as of 31 December 2016)

Country	Fleet	Year of construction										Overall power of motorized vessels	TOTAL
		Before 1941	1941-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	After 2010	Unknown	TOTAL*		
UA	Number of vessels (unit)	0	0	62	23	164	82	21	0	0	352		352
	Power (kW)	0	0	49 434	31 113	10 388	0	0	0	0	90 935	48 259	139 194
	Carrying capacity (t)	0	0	44 714	18 836	191 393	160 898	43 753	0	0	459 594		459 594
MD (2008)	Number of vessels (unit)	0	5	27	6	14	2	0	0	0	54		54
	Power (kW)	0	1 170	4 037	440	3 336	1 488				10 471	3 000	13 471
	Carrying capacity (t)	0	3 203	20 776	4 131	14 824	0	0	0	0	42 934		42 934
RO	Number of vessels (unit)	28	132	167	371	702	145	31	..	0	1 576		1 576
	Power (kW)	..	10 159	16 503	33 331	97 892	36 004	2 671	..	0	196 560	77 933	274 493
	Carrying capacity (t)	29 054	61 245	94 326	385 037	832 910	231 267	7 028	..	0	1 640 867		1 640 867
BG (2015)	Number of vessels (unit)	16	20	55	43	93	29	9	0	0	265		265
	Power (kW)	0	739	12 304	12 986	13 358	7 511	0	0	0	46 898	40 956	87 854
	Carrying capacity (t)	20 707	18 001	35 795	50 306	131 885	37 007	14 290	0	0	307 991		307 991
RS	Number of vessels (unit)	1	10	61	101	72	10	2	0	0	257		257
	Power (kW)	0	1 464	12 200	15 551	3 781	1 097	236			34 329	47 808	82 137
	Carrying capacity (t)	1 152	6 151	51 805	103 013	101 969	9 134	1 806	0	0	275 030		275 030
HR	Number of vessels (unit)	7	44	62	41	13	3	2	0	1	173		173
	Power (kW)	3 103	8 822	6 679	6 108	2 015	579		0	129	27 435		27 435
	Carrying capacity (t)	8 156	26 305	40 997	32 192	10 497	501	926	0	366	119 940		119 940

Country	Fleet	Year of construction										Overall power of motorized vessels	TOTAL
		Before 1941	1941-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	After 2010	Unknown	TOTAL*		
HU	Number of vessels (unit)	0	59	103	112	100	2	0	0	0	376		376
	Power (kW)	..	..	..	..	..	..	..	..	..	..	..	0
	Carrying capacity (t)	..	..	..	..	..	..	..	..	..	..	..	0
SK	Number of vessels (unit)	0	7	8	10	113	4	0	0	2	144		144
	Power (kW)	0	2 890	6 996	6 500	15 821	0	0	0		32 207		32 207
	Carrying capacity (t)	0	5 361	5 004	3 568	152 801	6 560	0	0	1 960	175 254		175 254
AT	Number of vessels (unit)	..	..	..	..	..	..	..	..	..	..	..	0
	Power (kW)	..	..	..	..	..	..	..	..	..	..	..	0
	Carrying capacity (t)	..	..	..	..	..	..	..	..	..	..	..	0
DE	Number of vessels (unit)	..	..	..	..	..	..	..	..	..	..	..	0
	Power (kW)	..	..	..	..	..	..	..	..	..	..	..	0
	Carrying capacity (t)	..	..	..	..	..	..	..	..	..	..	..	0
TOTAL 2016	Number of vessels (unit)	52	277	545	707	1 271	277	65	0	3	3 197		3 197
	Power (kW)	3 103	25 244	108 153	106 029	146 591	46 679	2 907	0	129	438 835	217 956	656 791
	Carrying capacity (t)	59 069	120 266	293 417	597 083	1 436 279	445 367	67 803	0	2 326	3 021 610		3 021 610
TOTAL 2015	Number of vessels (unit)	74	346	790	785	1 299	279	61	0	4	3 638		3 638
	Power (kW)	4 450	27 533	137 618	115 971	154 797	47 303	2 907	0	129	490 708	207 469	698 177
	Carrying capacity (t)	66 372	155 497	455 445	639 188	1 442 939	443 356	65 750	0	2 618	3 271 165		3 271 165
In % to 2015	Number of vessels (unit)	70,3	80,1	69,0	90,1	97,8	99,3	106,6	0	75,0	87,9		87,9
	Power (kW)	69,7	91,7	78,6	91,4	94,7	98,7	100,0	0	0	89,4	105,1	94,1
	Carrying capacity (t)	89,0	77,3	64,4	93,4	99,5	100,5	103,1	0	88,8	92,4		92,4

* Disregarding data on power of motorized vessels by separate periods, excluding Croatia (2015-2016), Slovakia (2015-2016).

4. SUMMARY DATA ON DANUBE FLEET BY YEARS OF CONSTRUCTION
(as of 31 December 2016)

		Before 1941	1941-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	After 2010	Unknown	TOTAL*
TOTAL 2016	Number of vessels (unit)	52	277	545	707	1 271	277	65	0	3	3 197
	%	1,6	8,7	17,0	22,1	39,8	8,7	2,0	0	0,1	100

* Ukraine, Republic of Moldova (2008), Romania, Bulgaria (2015), Serbia, Croatia, Hungary, Slovakia (see section 3).

		Before 1941	1941-1960	1961-1970	1971-1980	1981-1990	1991-2000	2001-2010	After 2010	Unknown	TOTAL ¹	TOTAL*	
TOTAL 2016	Number of vessels (unit)	52	218	442	595	1 171	275	65	0	3	2 821	3 197	
	%	1,8	7,7	15,7	21,1	41,5	9,7	2,3	0	0,1	100		
	Power (kW)	3 103	25 244	108 153	106 029	146 591	46 679	2 907	0	0	129	438 835	656 791
	%	0,7	5,8	24,6	24,2	33,4	10,6	0,7	0	0	0,0	100	
	Carrying capacity (t)	59 069	120 266	293 417	597 083	1 436 279	445 367	67 803	0	0	2 326	3 021 610	3 021 610
	%	2,0	4,0	9,7	19,8	47,5	14,7	2,2	0	0	0,1	100	

* Ukraine, Republic of Moldova (2008), Romania, Bulgaria (2015), Serbia, Croatia, Hungary, Slovakia.

¹ Disregarding number of vessels from Hungary, as Hungary does not provide data on power and carrying capacity of vessels; disregarding data on power of motorized vessels with a breakdown by periods, excluding Croatia and Slovakia.

5. GENERAL DATA ON QUANTITY OF GOODS LEFT, ENTERED, IN TRANSIT AND CARRIED WITHIN NATIONAL TERRITORIES ON THE DANUBE BY COUNTRIES in 2015-2016
(based on statistical data forms ST-5)

in thous. tons

Transport modes		Year	Quantity of goods transported										
			UA	MD	RO	BG (2015)	RS	HR ¹	HU	SK	AT	DE ²	TOTAL
Goods left national Danube ports for the Danube ports of other countries	1*	2016	5 094,0	..	3 469,0	1 169,0	2 452,0	201,0	1 324,0	1 764,0	1 976,0	..	17 449,0
		2015	4 084,0	..	3 861,0	1 169,0	1 938,0	347,0	1 101,0	1 605,0	1 764,0	..	15 869,0
		%	124,7	..	89,8	100,0	126,5	57,9	120,3	109,9	112,0	..	110,0
Goods entered national Danube ports from the Danube ports of other countries	2*	2016	155,0	..	6 930,0	1 707,0	3 676,0	252,0	748,0	115,0	4 300,0	..	17 883,0
		2015	333,0	..	7 355,0	1 707,0	3 194,0	146,0	812,0	94,0	4 325,0	..	17 966,0
		%	46,5	..	94,2	100,0	115,1	172,6	92,1	122,3	99,4	..	99,5
Goods carried between the Danube ports within national territory	3	2016	10,0	..	14 697,0	1 695,0	862,0	0,0	200,0	36,0	609,0	..	18 109,0
		2015	2,0	..	13 246,0	1 695,0	406,0	0,0	220,0	19,0	680,0	..	16 268,0
		%	500,0	..	111,0	100,0	212,3	0,0	90,9	189,5	89,6	..	111,3
T O T A L carried between the Danube ports	4	2016	5 259,0	..	25 096,0	4 571,0	6 990,0	453,0	2 272,0	1 915,0	6 885,0	..	53 441,0
		2015	4 419,0	..	24 462,0	4 571,0	5 538,0	493,0	2 133,0	1 718,0	6 769,0	..	50 103,0
		%	119,0	..	102,6	100,0	126,2	91,9	106,5	111,5	101,7	..	106,7
Goods left national Danube ports for the Danube ports of other countries situated outside the Danube	5	2016	293,0	..	3 852,0	0,0	..	..	2 066,0	-	..	..	6 211,0
		2015	341,0	..	3 423,0	0,0	..	..	2 868,0	-	..	..	6 632,0
		%	85,9	..	112,5	0,0	..	..	72,0	-	..	..	93,7
Goods entered national Danube ports from the ports of other countries situated outside the Danube	6	2016	0,0	..	1 536,0	8,0	..	..	887,0	-	..	..	2 431,0
		2015	20,0	..	1 817,0	8,0	..	..	976,0	-	..	..	2 821,0
		%	0,0	..	84,5	100,0	..	..	90,9	..	..	..	86,2
Goods carried within national territory between Danube ports and ports situated outside the Danube	7	2016	2,0	..	..	0,0	..	..	-	-	..	..	2,0
		2015	5,0	..	318,0	0,0	..	..	-	-	..	..	323,0
		%	40,0	..	..	..	..	..	..	..	..	..	0,6
T O T A L carried between the Danube ports and ports situated outside the Danube	8	2016	295,0	..	5 388,0	8,0	..	..	2 953,0	0,0	0,0	..	8 644,0
		2015	366,0	..	5 558,0	8,0	..	..	3 844,0	0,0	0,0	..	9 776,0
		%	80,6	..	96,9	100,0	..	..	76,8	0,0	0,0	..	88,4

Transport modes		Year	Quantity of goods transported										
			UA	MD	RO	BG (2015)	RS	HR ¹	HU	SK	AT	DE ²	TOTAL
Goods carried in transit on the Danube within national section: a) upstream b) downstream	9	a) 2016	..	..	..	..	1 822,0	..	1 834,0	..	1 805,0	..	5 461,0
		a) 2015	..	..	..	..	1 602,0	..	1 568,0	..	1 521,0	..	4 691,0
		b) 2016	..	..	..	..	1 985,0	..	1 165,0	..	383,0	..	3 533,0
		b) 2015	..	..	..	..	2 596,0	..	917,0	..	309,0	..	3 822,0
T O T A L carried in transit	10	2016	..	..	..	..	3 807,0	..	2 999,0	4 843,0	2 188,0	..	13 837,0
		2015	..	..	..	..	4 198,0	..	2 485,0	4 003,0	1 830,0	..	12 516,0
		%	..	..	..	..	90,7	..	120,7	121,0	119,6	..	110,6
T O T A L carried on the Danube per year	4+8+10	2016	5 554,0	..	30 484,0	4 579,0	10 797,0	453,0	8 224,0	6 758,0	9 073,0	5 308,0	81 230,0
		2015	4 785,0	..	30 020,0	4 579,0	9 736,0	493,0	8 462,0	5 721,0	8 599,0	5 662,0	78 057,0
		%	116,1	..	101,5	100,0	110,9	91,9	97,2	118,1	105,5	93,7	104,1

¹ Data of points 1-4 also include information on transport to/from the non-Danube ports

² "Verkehr. Güterverkehrsstatistik der Binnenschifffahrt 2016 (2015). Statistisches Bundesamt, Wiesbaden 2017".

* Except for goods in transit.

6. VOLUME OF GOODS TRANSPORTED ON THE DANUBE in 2015 - 2016

in thous. tons

Country	Left countries by the Danube			Transported within national territories by the Danube			TOTAL		
	2015	2016	in % to 2015	2015	2016	in % to 2015	2015	2016	in % to 2015
UA	4 426,0	5 387,0	121,7	6,0	12,0	200,0	4 432,0	5 399,0	121,8
MD	..	..	..	..	..	..	..	..	..
RO	7 284,0	7 321,0	100,5	13 564,0	14 697,0	108,4	20 848,0	22 018,0	105,6
BG (2015)	1 169,0	1 169,0	100,0	1 695,0	1 695,0	100,0	2 864,0	2 864,0	100,0
RS	1 938,0	2 452,0	126,5	406,0	862,0	212,3	2 344,0	3 314,0	141,4
HR	347,0	201,0	57,9	0,0	0,0	0,0	347,0	201,0	57,9
HU	3 969,0	3 390,0	85,4	220,0	200,0	90,9	4 189,0	3 590,0	85,7
SK	1 605,0	1 764,0	109,9	19,0	36,0	189,5	1 624,0	1 800,0	110,8
AT	1 764,0	1 976,0	112,0	680,0	609,0	89,6	2 444,0	2 585,0	105,8
DE ¹	1 202,0	935,0	77,8	..	..	..	1 202,0	935,0	77,8
TOTAL	23 704,0	24 595,0	103,8	16 590,0	18 111,0	109,2	40 294,0	42 706,0	106,0
Arrived on the Danube:	through the Sulina canal from the sea						585,0	513,0	87,7
	through the Kiliya arm from the sea						18,0	26,0	144,4
	through the Danube-Black Sea canal from the sea and from canal ports ²						14 018,0	14 554,0	103,8
	through the Main-Danube canal from the Main and from canal ports ³						2 045,0	1 930,0	94,4
Total volume of goods transported on the Danube per year							56 960,0	59 729,0	104,9

¹ Only ports on the German section of the Danube are taken into account, see "Binnenschifffahrt in Bayern im Dezember und im Jahr 2016 (2015)".

² Total, in both directions between the Danube and the Black Sea.

³ Data for the Kelheim lock.

**7. MAJOR PORTS ON THE DANUBE
WITH CARGO TURNOVER OVER 1 mln.t
(2014-2016)**

in thous. tons

Ports	2016	2015	2014
Izmail	5 327,0	4 521,0	3 021,0
Reni	201,0	248,0	1 465,0
Galați*	4 466,0	4 318,0	3 515,0
Brăila*	849,0	2 217,0	2 358,0
Tulcea*	1 559,0	2 550,0	2 159,0
Giurgiu	1 012,0	..	..
Călărași	1 130,0	..	..
Lom**	3 216,0		
Russe**	3 797,0	..	1 166,0***
Vidin***	..	..	1 224,0
Svishtov***	..	..	1 213,0
Oriahovo***	..	..	2 613,0
Smederevo	2 466,0	1 813,0	1 553,0
Belgrade	828,0	831,0	1 056,0
Novi Sad	1 325,0	980,0	1 278,0
Pančevo	1 040,0	651,0	1 281,0
Dunaújváros	962,0	1 341,0	1 046,0
Budapest	1 367,0	1 118,0	1 109,0
Bratislava	1 483,0	1 362,0	1 793,0
Vienna	1 068,0	970,0	1 372,0
Linz	3 995,0	3 814,0	4 335,0
Regensburg	848,0	1 579,0	2 198,0

* 2014=2013

** Information of the Secretariat on the topic "Market Observation of the Danube navigation: results of 2016" (AD V.5 (2017-1)).

*** 2013

8. TOTAL CARGO TURNOVER OF THE DANUBE PORTS for 2015 -2016
(based on statistical data forms ST-12)

in thous. tons

Countries	Loaded			Unloaded			Total cargo turnover		
	2016	2015	in % to 2015	2016	2015	in % to 2015	2016	2015	in % to 2015
UA	5 391,0	4 433,0	121,6	163,0	358,0	45,5	5 554,0	4 791,0	115,9
MD	..	..	..	..	..	..	..	..	..
RO ¹	2 987,0	5 090,0	58,7	6 306,0	5 030,0	125,4	9 293,0	10 120,0	91,8
BG (2015)	1 180,0	1 180,0	100,0	3 367,0	3 367,0	100,0	4 547,0	4 547,0	100,0
RS	3 593,0	2 622,0	137,0	4 818,0	3 880,0	124,2	8 411,0	6 502,0	129,4
HR	201,0	347,0	57,9	252,0	146,0	172,6	453,0	493,0	91,9
HU	3 603,0	4 190,0	86,0	1 746,0	1 788,0	97,7	5 349,0	5 978,0	89,5
SK	1 800,0	1 624,0	110,8	115,0	113,0	101,8	1 915,0	1 737,0	110,2
AT	2 584,0	2 444,0	105,7	4 909,0	5 005,0	98,1	7 493,0	7 449,0	100,6
DE ²	2 023,0	1 202,0	168,3	935,0	2 055,0	45,5	2 958,0	3 257,0	90,8
TOTAL	23 362,0	23 132,0	101,0	22 611,0	21 742,0	104,0	45 973,0	44 874,0	102,4
RO ³	10 341,0	..	..	14 540,0	..	..	24 881,0	30 020,0	82,9
TOTAL	33 703,0	..	..	37 151,0	..	..	70 854,0	74 894,0	94,6

¹ Data for five ports for 2015-2016: Galați, Brăila, Tulcea, Giurgiu and Hirșova (2015); for 2016, Drobeta-Turnu-Severin is in lieu of Hirșova.

² Ports on the German section of the Danube, see "Binnenschiffahrt in Bayern im Dezember und im Jahr 2016 (2015)".

³ Data from Romania for 2015-2016 in total for all Danube ports and the port of Constanța (ST-12).

9 a) TOTAL CARGO TURNOVER OF THE DANUBE PORTS in 2015-2016
(by Goods Nomenclature NST-2007)

1	Products of agriculture, hunting, forestry and fishing
2	Coal and lignite; crude petroleum and natural gas
3	Metal ores, peat and other mining and quarrying products
4	Food products, beverages and tobacco
5	Textile, leather and their products
6	Wood, paper, pulp and publishing products
7	Coke and refined petroleum products
8	Chemicals, rubber, plastic and nuclear fuel
9	Other non-metallic mineral products
10	Basic metals; fabricated metal products

11	Machinery and equipment not elsewhere classified (n.e.c.); products of ICT and precision instruments
12	Transport equipment
13	Furniture, other manufactured goods n.e.c.
14	Secondary raw materials; wastes
15	Mail, parcels
16	Equipment utilized in transport of goods
17	Goods moved and non-market goods, baggage and motor vehicles being moved for repair
18	Grouped goods
19	Unidentifiable goods
20	Other goods n.e.c.

9 b) TOTAL CARGO TURNOVER OF THE DANUBE PORTS in 2015 -2016
(by Goods Nomenclature NST 2007)

(based on statistical data forms ST-12)

in thous. tons

NST 2007	Year	UA	MD	RO	BG (2015)	RS	HR	HU	SK	AT	DE ¹	TOTAL	%
1	2016	179	*	8 831	1 097	1 798	54	2 064	341	629	1 062	16 055	26,1
	2015	221	*	8 699	1 097	1 491	82	2 831	287	662	1 121	16 491	25,5
2	2016	979	*	989	581	1 061	12	475	48	85	43	4 273	6,9
	2015	1 020	*	2 358	581	553	7	731	*	175	83	5 508	8,5
3	2016	3 635	*	5 689	1 772	3 106	146	363	1 220	3 472	231	19 634	31,9
	2015	2 597	*	14 539	1 772	3 088	40	474	1 127	3 395	321	27 353	42,2
4	2016	10	*	910	3	3	11	368	*	248	370	1 923	3,1
	2015	11	*	296	3	*	31	241	*	295	496	1 373	2,1
5	2016	*	*	*	*	*	*	*	*	*	*	0	0,0
	2015	*	*	*	*	*	*	*	*	*	*	0	0,0
6	2016	27	*	84	20	11	*	24	1	3	10	180	0,3
	2015	2	*	21	20	1	*	11	*	4	11	70	0,1
7	2016	105	*	1 687	349	1 024	44	1 297	19	1 576	71	6 172	10,0
	2015	64	*	1 383	349	483	35	1 048	77	1 552	139	5 130	7,9
8	2016	51	*	1 517	183	886	132	441	161	660	509	4 540	7,4
	2015	156	*	1 178	183	456	257	277	171	721	465	3 864	6,0
9	2016	151	*	2 238	57	36	10	*	72	2	90	2 656	4,3
	2015	329	*	100	57	11	23	4	38	8	79	649	1,0
10	2016	289	*	1 476	455	423	43	245	88	766	366	4 151	6,7
	2015	263	*	1 245	455	371	18	308	37	576	422	3 695	5,7
11	2016	*	*	1	13	2	1	4	*	22	12	55	0,1
	2015	*	*	48	13	4	*	4	*	31	10	110	0,2

NST 2007	Year	UA	MD	RO	BG (2015)	RS	HR	HU	SK	AT	DE ¹	TOTAL	%
12	2016	*	*	19	4	29	*	16	*	*	20	88	0,1
	2015	*	*	1	4	12	*	17	*	1	18	53	0,1
13	2016	*	*	*	*	5	*	*	*	*	*	5	0,0
	2015	*	*	*	*	7	*	*	*	*	*	7	0,0
14	2016	*	*	143	12	24	*	43	*	15	167	404	0,7
	2015	*	*	148	12	23	*	28	*	15	80	306	0,5
15	2016	*	*	*	*	*	*	*	*	*	*	*	0,0
	2015	*	*	*	*	*	*	*	*	*	*	*	0,0
16	2016	*	*	*	0	*	*	9	1	9	1,0	20	0,0
	2015	*	*	2	0	2	*	4	*	6	0	14	0,0
17	2016	*	*	*	*	*	*	*	*	*	*	0	0,0
	2015	*	*	*	*	*	*	*	*	2	*	2	0,0
18	2016	*	*	*	*	*	*	*	*	*	*	0	0,0
	2015	*	*	*	*	*	*	*	*	*	*	0	0,0
19	2016	*	*	3	*	1	*	*	*	6	6	16	0,0
	2015	*	*	1	*	*	*	*	*	6	12	19	0,0
20	2016	128	*	1 294	*	2	*	*	*	*	*	1 424	2,3
	2015	128	*	1	*	*	*	*	*	*	*	129	0,2
Total	2016	5 554	*	24 881	4 546	8 411	453	5 349	1 951	7 493	2 958	61 596	100
	2015	4 791	*	30 020	4 546	6 502	493	5 978	1 737	7 449	3 257	64 773	100
In % to 2015		115,9	*	82,9	100,0	129,4	91,9	89,5	112,3	100,6	90,8	95,1	
		UA	MD	RO	BG	RS	HR	HU	SK	AT	DE	Total	

1 Ports on the German section of the Danube, see "Binnenschifffahrt in Bayern im Dezember und im Jahr 2016 (2015)".

Indicator		Year	UA	MD	RO (2015=2013)	BG (2015)	RS	HR	HU ¹	SK	AT	DE ²	Total
Number of passengers carried (thous. people) within national territory	7	2016	3,0	*	156,0	5,0	*	*	1 307,0	100,0	*	*	1 571,0
		2015	7,0	*	169,0	5,0	*	*	1 110,0	95,0	*	*	1 386,0
Number of passengers carried (thous. people) in international navigation	8	2016	7,0	*	*	89,0	*	*	3,0	36,0	*	*	135,0
		2015	1,0	*	*	89,0	*	*	4,0	37,0	*	*	131,0
Number of passenger-kilometers released (thous. passenger – km) in international navigation	9	2016	152,5	*	0,61	*	*	*	14 942,0	1 880,0	*	*	16 822,0
		2014	199,0	*	*	*	*	*	12 972,0	1 573,0	*	*	14 744,0
Number of passenger-kilometers released (thous. passenger – km) in international navigation	10	2016	4 813,0	*	*	*	*	*	958,0	6 310,0	*	*	12 081,0
		2015	2 682,0	*	*	*	*	*	1 197,0	11 457,0	*	*	15 336,0

¹ Points 1,2, 4,5 contain the latest data received (for 2009).

² For 2015, in total all types of vessels for the carriage of passengers, including ferries and longboats related to the Danube region, are represented: "Veränderung des Schiffsbestandes der deutschen Binnenflotte im Jahre 2015".

11. STATISTICS ON INLAND NAVIGATION OF GERMANY

Waterways¹

<u>TOTAL</u>	7 675 km
Including:	
<ul style="list-style-type: none"> • Rhine region (Rhine with its tributaries Lahn, Main, Mosel, Neckar, Saar) 	1 802 km
<ul style="list-style-type: none"> • Danube region 	374 km
Including:	
<ul style="list-style-type: none"> • Main-Danube Canal 	171 km
<ul style="list-style-type: none"> • Danube, from Kelheim to the Austrian border 	203 km

¹ For more details refer to "Verkehr. Güterverkehrsstatistik der Binnenschifffahrt 2016 (2015). Statistisches Bundesamt, Wiesbaden 2017".

**11.1 GERMAN FLEET DISTRIBUTED INTO 13 REGIONS OF INLAND NAVIGATION
ACCORDING TO THE HOME PORT OF THE VESSEL¹
(as of 31 December 2016)**

	RHINE		MAIN/ Main-Danube Canal		DANUBE		Other regions		TOTAL		TOTAL 2015	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016		
<i>Motorized vessels</i>												
Number of units	235	241	137	139	53	53	743	743	1 168	1 176		
Total power of motorized vessels (kW)	205 794	211 773	120 516	121 887	41 803	41 063	492 924	498 567	861 037	873 290		
Total carrying capacity of motorized vessels (t)	405 046	415 215	268 808	271 412	76 768	76 870	1 013 858	1 020 368	1 764 480	1 783 865		
<i>Tugs</i>												
Number of units	20	20	1	1	3	3	91	93	115	117		
Total power of tugs (kW)	4 072	4 072	132	132	472	472	18 938	19 535	23 614	24 211		
<i>Pusher vessels</i>												
Number of units	49	49	8	8	26	27	213	215	296	299		
Total power of pusher vessels (kW)	50 746	51 019	1 637	1 637	31 179	31 775	60 115	60 990	143 677	145 421		
<i>Barges / longboats</i>												
Number of units	69	72	6	7	27	27	381	379	483	485		
Total carrying capacity of towed barges (t)	22 677	23 064	349	443	3 647	3 647	84 631	79 585	111 304	106 739		
Total power (kW)	12 408	12 678	0	111	779	779	4 192	4 192	17 379	17 760		
<i>Pushed barges</i>												
Number of units	143	134	31	31	84	62	559	557	817	784		
Total carrying capacity of pushed barges (t)	275 559	245 515	35 844	35 859	123 430	85 293	386 894	390 624	821 727	757 291		
TOTAL	Number of vessels (unit)	516	516	183	186	193	172	1 987	1 987	2 879		2 861
	Total power of fleet (kW)	273 020	279 542	122 285	123 767	74 233	74 089	576 169	583 284	1 045 707		1 060 682
	Total carrying capacity of fleet (t)	703 282	683 794	305 001	307 714	203 845	165 810	1 485 383	1 490 577	2 697 511		2 647 895

	RHINE		MAIN/ Main-Danube Canal		DANUBE		Other regions		TOTAL		TOTAL
<i>Other vessels</i> ²											
Number of units	213	212	45	46	51	51	1 237	961	1 546	1 270	
Total power of fleet (kW)	75 937	73 275	11 220	11 632	31 490	32 793	272 123	206 177	390 770	323 877	
Total carrying capacity of fleet (t)	3 900	3 920	105	105	163	163	10 905	7 560	15 073	11 748	
including:											
<i>Passenger vessels (including ferries and longboats)</i>											
Number of units	184	183	44	45	50	50	1 172	907	1 450	1 185	
Total power (kW)	69 707	67 012	10 952	11 364	31 262	32 565	261 696	227 644	373 617	338 585	
Number of passenger-seats	43 502	43 195	11 210	11 370	13 498	12 524	183 258	152 158	251 468	219 247	
TOTAL											
Number of vessels (unit)	729	728	228	232	244	223	3 224	2 948	4 425	4 131	4 521
Total power of fleet (kW)	348 957	352 817	133 505	135 399	105 723	106 882	848 292	789 461	1 436 477	1 384 559	1 444 388
Total carrying capacity of fleet (t)	707 182	687 714	305 106	307 819	204 008	165 973	1 496 288	1 498 137	2 712 584	2 659 643	2 732 127
Total number of passenger-seats	43 502	43 195	11 210	11 370	13 498	12 524	183 258	152 158	251 468	219 247	250 835

¹ "Veränderung des Schiffsbestandes der deutschen Binnenflotte im Jahre (2015) 2016" (Aufteilung der Binnenflotte nach Wasserstraßengebiet).

² In particular, bunker vessels, waste collection vessels.

³ "Veränderung des Schiffsbestandes der deutschen Binnenflotte im Jahre 2016" (Bestand der Binnenflotte).

**12. TRANSPORT OF DANGEROUS GOODS ON THE DANUBE (by countries¹) in 2010-2016
(in accordance with ADN)**

thous. tons

Class	Name	Transport modes	SK ²					RO			HU
			2010	2012	2014	2015	2016	2010	2012	2013 ³	2016 ⁴
1.	Explosive substances and articles (Class 1 ADN)	national transport								68,0	
		international transport (excluding transit)								13,0	
		transit									1,0
		Total in 20... (in thous. tons)								81,1	
		in thous. t/km								..	315,0
2.	Gases (Class 2 ADN)	national transport						0	0	10,0	
		international transport (excluding transit)						21,0	10,4		
		transit						0	0		
		Total in 20... (in thous. tons)						21,0	10,4	10,0	
		in thous. t/km						..	..	..
3.	Flammable liquids (Class 3ADN)	national transport	0	0	0	0	0	28,0	18,5	4,7	32,0
		international transport (excluding transit)	816,0	617,3	5,3	32,0	34,0	304,0	224,3	207,6	975,0
		transit	21,0	72,2	58,7	49,0	28,0				178,0
		Total in 20... (in thous. tons)	837,0	689,5	64,0	81,0	62,0	332,0	242,8	212,3	1 185,0
		in thous. t/km	19 225,0	28 444,0	19 276,0	8 860,0	10 497,0	..	..	..	225 769,0

¹ Draft "Form and table for data collection on transport of dangerous goods on the Danube in accordance with ADN" (Dok. DK/TAG 73/14) has been approved by the Decision of the 73rd session of the DC of 15th December 2009 (Dok. DK/TAG 73/15). Beginning 1st January 2010, the competent authorities of the Member States were recommended to use this form to provide the Secretariat of the Danube Commission with data on a voluntary basis.

² Beginning 2010, annual data were received from Slovakia.

³ No data from Romania for 2011, as well as for 2014-2016, were received by the Secretariat.

⁴For the first time data from Hungary were obtained.

Class	Name	Transport modes	SK					RO			HU
			2010	2012	2014	2015	2016	2010	2012	2013	2016
8.	Corrosive substances (Class 8 ADN)	national transport									
		international transport (excluding transit)									
		transit									
		Total in 20... (in thous. tons)									
		in thous. t/km									
9.	Miscellaneous dangerous substances and articles (Class 9 AND)	national transport									
		international transport (excluding transit)									
		transit									
		Total in 20... (in thous. tons)									
		in thous. t/km									
		Total in 20... (in thous. tons)⁵	840,0	693,5	64,0	86,0	62,0	353,0	253,2	303,3	1 190,0
		in thous. t/km	19 459,0	28 498,0	19 276,0	10 729,0	10 497,0	..	..	..	226 734,0

⁵ According to the expert assessment of 2010-2011, transport of dangerous goods on the Danube in Germany may amount to ca. 10% of the total traffic volume in IWT (Water and Navigation Directorate - South).