



Steel Statistical Yearbook
2022

A cross-section of
steel industry statistics
2012 - 2021

Preface

This yearbook presents a cross-section of steel industry statistics that are exchanged or published by the World Steel Association (worldsteel). The willing co-operation of both members and non-members alike in supplying the information included in this publication is gratefully acknowledged. Further details of the statistical sources used are given in the Annex (p.118). These contents were finalised in December 2022.

Notes relating to this publication:

- Data are expressed in thousand metric tons unless stated otherwise.
- Zero indicates that the quantity concerned is less than 500 tonnes.
- 'e' beside a figure indicates that the figure has been estimated by worldsteel. '(e)' following a country name indicates that the series has been estimated by worldsteel.
- Totals comprise listed countries only. Trade data totals include intra-regional exports and imports.
- Three dots (...) indicate that an item of information was not available.
- In case of any apparent discrepancy between worldsteel sources, the data in the Steel Data Viewer should be considered authoritative.

While worldsteel statistics and estimations are accurate at the time of release and represent our current judgement, they are subject to change that could cause actual results to differ materially. Readers are cautioned not to place undue reliance on these statistics. worldsteel accepts no responsibility for any business decisions taken on the basis of the data in this publication.

World Steel Association
Economics Committee



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Table 1

Total production of crude steel *

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	7 421	7 953	7 876	7 687	7 438	8 135	6 885	7 424	6 765	7 884
Belgium	7 301	7 127	7 331	7 257	7 687	7 842	7 980	7 760	6 119	6 909
Bulgaria	633	523	612	543	527	652	666	566	484	548
Croatia	1	135	167	122	0	0	136	69	45	185
Czechia	5 072	5 171	5 360	5 262	5 305	4 550	4 864	4 437	4 465	4 817
Germany	42 661	42 645	42 943	42 676	42 080	43 297	42 435	39 627	35 680	40 241
Finland	3 759	3 517	3 807	3 988	4 101	4 003	4 146	3 473	3 498	4 340
France	15 609	15 685	16 143	14 984	14 413	15 505	15 387	14 450	11 596	13 947
Greece	1 247	1 030	1 022	910	1 158	1 359	1 467	1 350	1 408	1 498
Hungary	1 542	883	1 152	1 675	1 274	1 901	1 989	1 769	1 513	1 100
Italy	27 252	24 093	23 714	21 958	23 312	24 007	24 496	23 190	20 379	24 426
Latvia	805	198								
Luxembourg	2 208	2 090	2 193	2 127	2 175	2 172	2 228	2 119	1 886	2 073
Netherlands	6 879	6 713	6 964	6 995	6 917	6 781	6 813	6 657	6 054	6 620
Poland	8 366	7 950	8 558	9 198	9 001	10 332	10 167	8 956	7 856	8 454
Portugal	1 960	2 050	2 070	2 030	2 010	2 076	2 215	2 033	2 203	1 953
Romania	3 292	2 985	3 158	3 352	3 276	3 361	3 550	3 448	2 790	3 375
Slovakia	4 403	4 511	4 705	4 562	4 808	4 974	4 947	3 931	3 444	4 863
Slovenia	632	618	615	604	613	648	654	623	585	662
Spain	13 639	14 252	14 249	14 845	13 616	14 441	14 320	13 588	10 998	14 185
Sweden	4 326	4 404	4 539	4 557	4 817	4 926	4 654	4 721	4 409	4 678
European Union (27)	159 010	154 532	157 181	155 331	154 529	160 963	159 998	150 191	132 177	152 759
Albania (e)	500	550	560	150	50					
Bosnia-Herzegovina	700	722	793	819	806	756	695	801	759	775
Macedonia	217	100	188	121	169	273	266	239	180	315
Montenegro (e)	120	70	140	150	120	100	80	50	20	20
Norway	700	605	600	590	620	603	575	621	624	622
Serbia	346	396	583	955	1 173	1 477	1 973	1 929	1 456	1 667
Switzerland	1 450	1 530	1 475	1 475	1 500	1 525	1 550	1 325	1 175	1 291
Türkiye	35 885	34 654	34 035	31 517	33 163	37 524	37 312	33 743	35 810	40 360
United Kingdom	9 579	11 858	12 033	10 907	7 635	7 491	7 268	7 218	7 086	7 222
Other Europe	49 496	50 484	50 408	46 685	45 236	49 749	49 719	45 926	47 110	52 273
Azerbaijan	120	173	180	180	180	180	200	200	200	286
Belarus	2 687	2 245	2 513	2 510	2 188	2 343	2 471	2 621	2 482	2 481
Kazakhstan	3 676	3 275	3 681	3 910	4 289	4 641	3 966	4 134	3 892	4 499
Moldova	335	190	351	443	126	469	497	392	465	570
Russia	70 209	69 008	71 461	68 695	69 014	70 537	72 099	71 729	71 621	77 020
Ukraine	32 975	32 771	27 170	22 968	24 218	21 417	21 100	20 848	20 616	21 366
Uzbekistan	736	746	723	643	654	654	646	666	939	885
Russia & other CIS + Ukraine	110 739	108 408	106 079	99 349	100 669	100 241	100 980	100 591	100 216	107 106
Canada	13 507	12 417	12 730	12 473	12 646	13 208	13 443	12 897	10 986	12 976
Cuba	277	322	256	284	244	221	225	230	185	231
El Salvador	72	118	121	124	100	96	99	102	82	103
Guatemala	334	385	395	403	314	294	300	306	243	307
Mexico	18 073	18 242	18 930	18 218	18 824	19 924	20 204	18 387	16 803	18 454
Trinidad and Tobago	628	616	487	591	36					
United States	88 695	86 878	88 174	78 845	78 475	81 612	86 607	87 761	72 732	85 791
North America	121 586	118 978	121 093	110 938	110 638	115 355	120 879	119 683	101 030	117 862
Argentina	4 995	5 186	5 488	5 028	4 126	4 624	5 162	4 645	3 651	4 875
Brazil	34 524	34 162	33 897	33 258	31 642	34 778	35 407	32 569	31 415	36 071
Chile	1 671	1 323	1 079	1 112	1 153	1 158	1 145	1 133	1 157	1 318
Colombia	1 302	1 236	1 208	1 211	1 272	1 253	1 219	1 333	1 149	1 338
Ecuador	425	570	667	720	576	561	583	607	482	612
Paraguay	44	45	47	48	35	24	25	26	23	26
Peru	981	1 069	1 078	1 082	1 168	1 207	1 217	1 230	731	1 234
Uruguay	78	91	94	97	61	58	60	62	49	63
Venezuela	2 359	2 139	1 485	1 345	553	444	129	51	29	29
South America	46 379	45 822	45 043	43 900	40 587	44 106	44 947	41 656	38 687	45 566

Table 1 (continued)

Total production of crude steel *

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Algeria	557	417	415	650	650	415	2 300	2 400	3 000	3 491
Angola (e)	100	100	150	150	200	250	275	290	250	275 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 627	6 754	6 485	5 506	5 036	6 870	7 807	7 257	8 229	10 294
Ghana (e)	100	150	200	250	300	350	400	400	400	400 e
Kenya (e)	300	300	300	300	325	350	375	400	385	485 e
Libya	315	712	712	352	492	422	396	606	495	652
Mauritania (e)	5	5	5	5	5	5	5	5	5	5 e
Morocco	539	558	501	516	520	550	520	500	320	500 e
Nigeria (e)	500	500	500	500	500	600	650	650	650	650 e
South Africa	6 938	7 162	6 412	6 417	6 141	6 301	6 327	6 152	3 877	5 020
Tanzania (e)	100	100	100	100	130	133	135	140	120	145 e
Tunisia (e)	150	150	150	90	90	80	80	60	60	80 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Zambia (e)	100	100	150	150	160	190	210	220	200	220 e
Africa	16 392	17 068	16 140	15 046	14 609	16 576	19 540	19 140	18 050	22 276
Bahrain (e)							720	700	700	700 e
Iran	14 463	15 422	16 331	16 146	17 895	21 236	24 520	25 609	28 990	28 320
Iraq (e)	20	20	100	100	100	200	200	300	300	300 e
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	200	200	250	300	330	330	350	350	350	350 e
Kuwait (e)							1 300	1 270	1 300	1 300 e
Oman (e)	300	500	1 500	2 000	2 000	2 000	2 000	2 000	2 000	2 000 e
Qatar	2 145	2 236	3 019	2 593	2 521	2 644	2 575	2 558	1 218	1 002
Saudi Arabia (1)	5 203	5 471	6 291	5 229	5 461	4 831	8 187	8 191	7 775	8 735
Syria (e)	10	10	5	5	5	5	5	5	5	5 e
United Arab Emirates	2 408	2 878	2 390	3 006	3 149	3 309	3 247	3 327	2 722	2 997
Middle East	25 049	27 037	30 186	29 679	31 760	34 855	43 404	44 610	45 660	46 009
Bangladesh (e)	1 900	1 900	2 800	3 500	3 500	3 500	3 800	5 100	5 500	5 500 e
China	731 040	822 000	822 306	803 825	807 609	870 741	929 038	995 419	1 064 732	1 032 790
India	77 264	81 299	87 292	89 026	95 477	101 455	109 272	111 351	100 256	118 201
Indonesia	2 254	2 644	4 351	4 854	4 746	5 195	6 183	8 565	12 871	14 835
Japan	107 232	110 595	110 666	105 134	104 775	104 661	104 319	99 284	83 186	96 336
D.P.R. Korea (e)	1 280	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250 e
South Korea	69 073	66 061	71 543	69 670	68 576	71 030	72 464	71 412	67 079	70 418
Malaysia	5 612	4 693	4 316	3 784	2 764	3 215	4 108	6 948	6 619	9 090
Mongolia	35	40	45	45	50	50	50	50	50	36
Myanmar (e)	50	70	100	150	200	250	300	350	350	400 e
Pakistan	1 631	1 845	2 423	2 892	3 553	4 966	4 719	3 304	3 803	5 438
Philippines	1 260	1 308	1 196	968	1 075	1 378	1 475	1 915	892	1 555
Singapore	688	434	540	501	520	593	618	550	419	568
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	20 664	22 282	23 221	21 392	21 751	22 438	23 240	21 954	20 959	23 233
Thailand	3 641	3 613	5 835	5 069	5 400	6 762	6 403	4 246	4 467	5 473
Viet Nam	5 298	5 474	5 847	5 647	7 811	11 473	15 471	17 469	19 900	23 019
Asia	1 028 952	1 125 537	1 143 762	1 117 739	1 129 087	1 208 986	1 282 741	1 349 197	1 392 365	1 408 172
Australia	4 893	4 688	4 607	4 925	5 259	5 328	5 689	5 493	5 490	5 780
New Zealand	912	900	859	793	577	657	652	667	586	646
Oceania	5 805	5 588	5 466	5 717	5 837	5 985	6 341	6 160	6 076	6 425
World	1 563 407	1 653 454	1 675 358	1 624 383	1 632 951	1 736 818	1 828 549	1 877 153	1 881 369	1 958 449

* - Includes all qualities: carbon, stainless, and other alloy.

(1) - 2012-17 HADEED only, 2018-21 NCSI.

Table 2

Crude steel production by product

Year: 2020

	thousand tonnes				% total production			
	I	CC	LSC	Total	I	CC	LSC	Total
Austria	260	6 500	5	6 765	3.8	96.1	0.1	100.0
Belgium		6 119		6 119		100.0		100.0
Bulgaria		484		484		100.0		100.0
Croatia		45		45		100.0		100.0
Czechia	118	4 309	32	4 459	2.7	96.6	0.7	100.0
Finland		3 480	18	3 498		99.5	0.5	100.0
France	285	11 310	0	11 596	2.5	97.5	0.0	100.0
Germany	1 375	34 300	5	35 680	3.9	96.1	0.0	100.0
Greece		1 408		1 408		100.0		100.0
Hungary		1 513		1 513		100.0		100.0
Italy	992	19 304	84	20 379	4.9	94.7	0.4	100.0
Luxembourg		1 886		1 886		100.0		100.0
Netherlands		6 054		6 054		100.0		100.0
Poland	127	7 729		7 856	1.6	98.4		100.0
Portugal		2 203		2 203		100.0		100.0
Romania (e)	65	2 725		2 790	2.3	97.7		100.0
Slovakia		3 444		3 444		100.0		100.0
Slovenia	115	471		585	19.6	80.4		100.0
Spain	222	10 918		11 141	2.0	98.0		100.0
Sweden (1)	525	3 860	24	4 409	11.9	87.6	0.5	100.0
European Union (27)	4 084	128 061	168	132 313	3.1	96.8	0.1	100.0
Bosnia-Herzegovina		759		759		100.0		100.0
Macedonia		180		180		100.0		100.0
Montenegro (e)		20		20		100.0		100.0
Norway		624		624		100.0		100.0
Serbia		1 456		1 456		100.0		100.0
Switzerland (e)		1 175		1 175		100.0		100.0
Türkiye		35 810		35 810		100.0		100.0
United Kingdom	62	7 022	2	7 086	0.9	99.1	0.0	100.0
Other Europe	62	47 046	2	47 110	0.1	99.9	0.0	100.0
Azerbaijan (e)		200		200		100.0		100.0
Belarus		2 482		2 482		100.0		100.0
Kazakhstan		3 779	60	3 839		98.4	1.6	100.0
Moldova		465		465		100.0		100.0
Russia (e)	11 100	59 100	1 400	71 600	15.5	82.5	2.0	100.0
Ukraine	6 969	13 648		20 616	33.8	66.2		100.0
Uzbekistan		939		939		100.0		100.0
Russia & other CIS + Ukraine	18 069	80 613	1 460	100 141	18.0	80.5	1.5	100.0
Canada (e)	2 400	8 585		10 985	21.8	78.2		100.0
Cuba		185		185		100.0		100.0
El Salvador		82		82		100.0		100.0
Guatemala		243		243		100.0		100.0
Mexico		16 803		16 803		100.0		100.0
United States	173	72 559		72 732	0.2	99.8		100.0
North America	2 573	98 456		101 029	2.5	97.5		100.0
Argentina		3 637	14	3 651		99.6	0.4	100.0
Brazil	561	30 813	41	31 415	1.8	98.1	0.1	100.0
Chile		1 157		1 157		100.0		100.0
Colombia		1 149		1 149		100.0		100.0
Ecuador		482		482		100.0		100.0
Paraguay		23		23		100.0		100.0
Peru		731		731		100.0		100.0
Uruguay		49		49		100.0		100.0
Venezuela		29		29		100.0		100.0
South America	561	38 070	55	38 686	1.5	98.4	0.1	100.0

I - ingots.

CC - continuously cast semis (billets, blooms, and slabs).

LSC - liquid steel for castings.

Table 2 (continued)

Crude steel production by product

Year: 2020

	thousand tonnes			% total production				
	I	CC	LSC	Total	I	CC	LSC	Total
Algeria (e)		3 000		3 000		100.0		100.0
Angola (e)		250		250		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt		8 229		8 229		100.0		100.0
Ghana (e)		400		400		100.0		100.0
Kenya (e)		385		385		100.0		100.0
Libya		495		495		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco		320		320		100.0		100.0
Nigeria (e)		650		650		100.0		100.0
South Africa		3 877		3 877		100.0		100.0
Tanzania (e)		120		120		100.0		100.0
Tunisia (e)		60		60		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Zambia (e)		200		200		100.0		100.0
Africa		18 045	5	18 050		100.0	0.0	100.0
Bahrain (e)		700		700		100.0		100.0
Iran		28 990		28 990		100.0		100.0
Iraq (e)		300		300		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		350		350		100.0		100.0
Kuwait (e)		1 300		1 300		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		1 218		1 218		100.0		100.0
Saudi Arabia		7 775		7 775		100.0		100.0
Syria (e)			5	5			100.0	100.0
United Arab Emirates		2 722		2 722		100.0		100.0
Middle East		45 655	5	45 660		100.0	0.0	100.0
Bangladesh (e)		5 500		5 500		100.0		100.0
China (e)	14 200	1049 417	1 150	1064 767	1.3	98.6	0.1	100.0
India (e)	12 880	87 200	50	100 130	12.9	87.1	0.0	100.0
Indonesia		12 871		12 871		100.0		100.0
Japan (e)	1 050	81 860	290	83 200	1.3	98.4	0.3	100.0
D.P.R. Korea (e)	1 250			1 250	100.0			100.0
South Korea	595	66 220	263	67 079	0.9	98.7	0.4	100.0
Malaysia		6 619		6 619		100.0		100.0
Mongolia (e)		50		50		100.0		100.0
Myanmar (e)		350		350		100.0		100.0
Pakistan		3 803		3 803		100.0		100.0
Philippines		892		892		100.0		100.0
Singapore		419		419		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China		20 959		20 959		100.0		100.0
Thailand		4 467		4 467		100.0		100.0
Viet Nam		19 900		19 900		100.0		100.0
Asia	29 975	1360 558	1 754	1392 287	2.2	97.7	0.1	100.0
Australia		5 490		5 490		100.0		100.0
New Zealand		586		586		100.0		100.0
Oceania		6 076		6 076		100.0		100.0
World	55 324	1822 581	3 448	1881 352	2.9	96.9	0.2	100.0

(1) - CC includes steel powders.

Table 2 (continued)

Crude steel production by product

Year: 2021

	thousand tonnes				% total production			
	I	CC	LSC	Total	I	CC	LSC	Total
Austria	279	7 601	4	7 884	3.5	96.4	0.1	100.0
Belgium		6 909		6 909		100.0		100.0
Bulgaria		548		548		100.0		100.0
Croatia		185		185		100.0		100.0
Czechia	130	4 651	37	4 817	2.7	96.5	0.8	100.0
Finland		4 322	18	4 340		99.6	0.4	100.0
France	348	13 598	0	13 947	2.5	97.5	0.0	100.0
Germany (e)	1 540	38 700	5	40 245	3.8	96.2	0.0	100.0
Greece		1 498		1 498		100.0		100.0
Hungary		1 100		1 100		100.0		100.0
Italy (e)	1 200	23 140	85	24 425	4.9	94.7	0.3	100.0
Luxembourg		2 073		2 073		100.0		100.0
Netherlands		6 620		6 620		100.0		100.0
Poland	138	8 317		8 454	1.6	98.4		100.0
Portugal		1 953		1 953		100.0		100.0
Romania (e)	75	3 300		3 375	2.2	97.8		100.0
Slovakia		4 863		4 863		100.0		100.0
Slovenia	122	540		662	18.4	81.6		100.0
Spain	163	14 022		14 185	1.1	98.9		100.0
Sweden (1) (e)	575	4 080	23	4 678	12.3	87.2	0.5	100.0
European Union (27)	4 570	148 019	173	152 761	3.0	96.9	0.1	100.0
Bosnia-Herzegovina (e)		775		775		100.0		100.0
Macedonia		315		315		100.0		100.0
Montenegro (e)		20		20		100.0		100.0
Norway		622		622		100.0		100.0
Serbia		1 667		1 667		100.0		100.0
Switzerland		1 291		1 291		100.0		100.0
Türkiye		40 360		40 360		100.0		100.0
United Kingdom	33	7 188	1	7 222	0.5	99.5	0.0	100.0
Other Europe	33	52 239	1	52 273	0.1	99.9	0.0	100.0
Azerbaijan		286		286		100.0		100.0
Belarus		2 481		2 481		100.0		100.0
Kazakhstan (e)		4 440	60	4 500		98.7	1.3	100.0
Moldova (e)		570		570		100.0		100.0
Russia (e)	25 070	50 452	1 500	77 022	32.5	65.5	1.9	100.0
Ukraine (e)	7 220	14 145		21 365	33.8	66.2		100.0
Uzbekistan (e)		885		885		100.0		100.0
Russia & other CIS + Ukraine	32 290	73 259	1 560	107 109	30.1	68.4	1.5	100.0
Canada (e)	2 835	10 140		12 975	21.8	78.2		100.0
Cuba		231		231		100.0		100.0
El Salvador		103		103		100.0		100.0
Guatemala		307		307		100.0		100.0
Mexico		18 454		18 454		100.0		100.0
United States	176	85 616		85 791	0.2	99.8		100.0
North America	3 011	114 850		117 861	2.6	97.4		100.0
Argentina		4 861	14	4 875		99.7	0.3	100.0
Brazil	744	35 284	43	36 071	2.1	97.8	0.1	100.0
Chile		1 318		1 318		100.0		100.0
Colombia		1 338		1 338		100.0		100.0
Ecuador		612		612		100.0		100.0
Paraguay		26		26		100.0		100.0
Peru		1 234		1 234		100.0		100.0
Uruguay		63		63		100.0		100.0
Venezuela		29		29		100.0		100.0
South America	744	44 765	57	45 566	1.6	98.2	0.1	100.0

I - ingots.

CC - continuously cast semis (billets, blooms, and slabs).

LSC - liquid steel for castings.

Table 2 (continued)

Crude steel production by product

Year: 2021

	thousand tonnes			% total production				
	I	CC	LSC	Total	I	CC	LSC	Total
Algeria		3 491		3 491		100.0		100.0
Angola (e)		275		275		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt		10 294		10 294		100.0		100.0
Ghana (e)		400		400		100.0		100.0
Kenya (e)		485		485		100.0		100.0
Libya		652		652		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco (e)		500		500		100.0		100.0
Nigeria (e)		650		650		100.0		100.0
South Africa		5 020		5 020		100.0		100.0
Tanzania (e)		145		145		100.0		100.0
Tunisia (e)		80		80		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Zambia (e)		220		220		100.0		100.0
Africa		22 271	5	22 276		100.0	0.0	100.0
Bahrain (e)		700		700		100.0		100.0
Iran		28 320		28 320		100.0		100.0
Iraq (e)		300		300		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		350		350		100.0		100.0
Kuwait (e)		1 300		1 300		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		1 002		1 002		100.0		100.0
Saudi Arabia		8 735		8 735		100.0		100.0
Syria (e)			5	5			100.0	100.0
United Arab Emirates		2 997		2 997		100.0		100.0
Middle East		46 004	5	46 009		100.0	0.0	100.0
Bangladesh (e)		5 500		5 500		100.0		100.0
China (e)	13 500	1018 190	1 100	1032 790	1.3	98.6	0.1	100.0
India (e)	15 150	103 000	50	118 200	12.8	87.1	0.0	100.0
Indonesia		14 835		14 835		100.0		100.0
Japan (e)	1 230	94 800	301	96 331	1.3	98.4	0.3	100.0
D.P.R. Korea (e)	1 250			1 250	100.0			100.0
South Korea	574	69 412	432	70 418	0.8	98.6	0.6	100.0
Malaysia		9 090		9 090		100.0		100.0
Mongolia		36		36		100.0		100.0
Myanmar (e)		400		400		100.0		100.0
Pakistan		5 438		5 438		100.0		100.0
Philippines		1 555		1 555		100.0		100.0
Singapore		568		568		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China	95	23 138		23 233	0.4	99.6		100.0
Thailand		5 473		5 473		100.0		100.0
Viet Nam		23 019		23 019		100.0		100.0
Asia	31 800	1374 483	1 883	1408 165	2.3	97.6	0.1	100.0
Australia		5 780		5 780		100.0		100.0
New Zealand		646		646		100.0		100.0
Oceania		6 425		6 425		100.0		100.0
World	72 447	1882 315	3 684	1958 446	3.7	96.1	0.2	100.0

(1) - CC includes steel powders.

Table 3

Production of ingots

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	274	275	282	246	243	294	287	287	260	279
Bulgaria	6									
Czechia	389	395	393	403	341	283	215	142	118	130
Germany	1 408	1 329	1 378	1 273	1 972	1 450	1 120	1 000	1 375	1 540 e
France	615	577	621	548	443	462	462	406	285	348
Italy	1 116	1 043	1 220	1 118	1 079	1 201	1 201	1 087	992	1 200 e
Netherlands	141	132	125	107	93					
Poland	172	167	160	160	150	154	155	127	127	138
Romania	90	85	60	70	75	80	85	80	65	75 e
Slovenia	110	109	122	120	120	128	125	124	115	122
Spain	394	319	308	266	240	240	237	229	222	163
Sweden	516	515	537	499	475	565	548	560	525	575 e
European Union (27)	5 229	4 946	5 207	4 812	5 231	4 856	4 436	4 043	4 084	4 570
Bosnia-Herzegovina	7	0								
United Kingdom	179	149	162	143	98	132	125	105	62	33
Other Europe	186	149	162	143	98	132	125	105	62	33
Russia	11 920	11 500	11 500	11 500	11 050	11 500	11 500	11 100	11 100	25 070 e
Ukraine	15 120	15 661	12 421	11 762	12 500	10 626	9 703	9 239	6 969	7 220 e
Uzbekistan	6									
Russia & other CIS + Ukraine	27 046	27 161	23 921	23 262	23 550	22 126	21 203	20 339	18 069	32 290
Canada	376	362	249	294	2 755	2 880	2 940	2 820	2 400	2 835 e
Mexico	26	47	24	22	25					
United States	1 227	1 081	1 306	775	463	295	1 580	220	173	176
North America	1 629	1 489	1 578	1 091	3 242	3 175	4 520	3 040	2 573	3 011
Brazil	916	711	485	317	369	514	518	598	561	744
Colombia	345	323								
South America	1 261	1 034	485	317	369	514	518	598	561	744
Algeria	7	5								
South Africa	38	23	32	37				76		
Africa	45	28	32	37				76		
China (1)	10 288	12 542	10 900	9 900	9 000	10 000	13 000	13 900	14 200	13 500 e
India	15 240	15 000	15 000	14 000	13 450	14 000	14 000	14 250	12 880	15 150 e
Japan (e: 2014-)	1 438	1 306	1 330	1 265	1 235	1 240	1 210	1 240	1 050	1 230 e
D.P.R. Korea (e)	1 280	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250 e
South Korea	909	769	868	748	693	682	766	782	595	574
Taiwan, China	87	94	104	89	93	98	93	100		95
Asia	29 242	30 960	29 452	27 252	25 722	27 269	30 319	31 522	29 975	31 800
Australia	61	61	26	25	26					
Oceania	61	61	26	25	26					
World	64 699	65 828	60 861	56 939	58 238	58 072	61 120	59 722	55 324	72 447

Table 3 (continued)

Production of ingots

% total crude steel production

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	3.7	3.5	3.6	3.2	3.3	3.6	4.2	3.9	3.8	3.5
Bulgaria	0.9									
Czechia	7.7	7.6	7.3	7.7	6.4	6.2	4.4	3.2	2.7	2.7
Germany	3.3	3.1	3.2	3.0	4.7	3.3	2.6	2.5	3.9	3.8 e
France	3.9	3.7	3.8	3.7	3.1	3.0	3.0	2.8	2.5	2.5
Italy	4.1	4.3	5.1	5.1	4.6	5.0	4.9	4.7	4.9	4.9 e
Netherlands	2.0	2.0	1.8	1.5	1.3					
Poland	2.1	2.1	1.9	1.7	1.7	1.5	1.5	1.4	1.6	1.6
Romania	2.7	2.8	1.9	2.1	2.3	2.4	2.4	2.3	2.3	2.2 e
Slovenia	17.4	17.7	19.8	19.9	19.6	19.7	19.2	19.8	19.6	18.4
Spain	2.9	2.2	2.2	1.8	1.8	1.7	1.7	1.7	2.0	1.1
Sweden	11.9	11.7	11.8	11.0	9.9	11.5	11.8	11.9	11.9	12.3 e
European Union (27)	3.3	3.2	3.3	3.1	3.4	3.0	2.8	2.7	3.1	3.0
Bosnia-Herzegovina	1.0	0.0								
United Kingdom	1.9	1.3	1.3	1.3	1.3	1.8	1.7	1.5	0.9	0.5
Other Europe	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.1	0.1
Russia	17.0	16.7	16.1	16.7	16.0	16.3	16.0	15.5	15.5	32.6 e
Ukraine	45.9	47.8	45.7	51.2	51.6	49.6	46.0	44.3	33.8	33.8 e
Uzbekistan	0.8									
Russia & other CIS + Ukraine	24.4	25.1	22.5	23.4	23.4	22.1	21.0	20.2	18.0	30.1
Canada	2.8	2.9	2.0	2.4	21.8	21.8	21.9	21.9	21.8	21.8 e
Mexico	0.1	0.3	0.1	0.1	0.1					
United States	1.4	1.2	1.5	1.0	0.6	0.4	1.8	0.3	0.2	0.2
North America	1.3	1.3	1.3	1.0	2.9	2.8	3.7	2.5	2.5	2.6
Brazil	2.7	2.1	1.4	1.0	1.2	1.5	1.5	1.8	1.8	2.1
Colombia	26.5	26.1								
South America	2.7	2.3	1.1	0.7	0.9	1.2	1.2	1.4	1.5	1.6
Algeria	1.3	1.2								
South Africa	0.5	0.3	0.5	0.6				1.2		
Africa	0.3	0.2	0.2	0.2				0.4		
China (1)	1.4	1.5	1.3	1.2	1.1	1.1	1.4	1.4	1.3	1.3 e
India	19.7	18.5	17.2	15.7	14.1	13.8	12.8	12.8	12.8	12.8 e
Japan (e: 2014-)	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3 e
D.P.R. Korea (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
South Korea	1.3	1.2	1.2	1.1	1.0	1.0	1.1	1.1	0.9	0.8
Taiwan, China	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5		0.4
Asia	2.8	2.8	2.6	2.4	2.3	2.3	2.4	2.3	2.2	2.3
Australia	1.3	1.3	0.6	0.5	0.5					
Oceania	1.1	1.1	0.5	0.4	0.4					
World	4.1	4.0	3.6	3.5	3.6	3.3	3.3	3.2	2.9	3.7

Table 4

Production of continuously-cast steel

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	7 137	7 668	7 584	7 429	7 185	7 834	6 591	7 131	6 500	7 601
Belgium	7 301	7 127	7 331	7 257	7 687	7 842	7 980	7 760	6 119	6 909
Bulgaria	627	523	612	543	527	652	666	566	484	548
Croatia	1	135	167	122			136	69	45	185
Czechia	4 619	4 710	4 911	4 800	4 913	4 221	4 637	4 285	4 309	4 651
Germany	41 241	41 307	41 555	41 397	40 102	41 838	41 309	38 626	34 300	38 700 e
Finland	3 742	3 499	3 790	3 971	4 084	3 986	4 129	3 456	3 480	4 322
France	14 994	15 108	15 522	14 436	13 969	15 042	14 925	14 043	11 310	13 598
Greece	1 247	1 030	1 022	910	1 158	1 359	1 467	1 350	1 408	1 498
Hungary	1 542	883	1 152	1 675	1 274	1 901	1 989	1 769	1 513	1 100
Italy	25 992	22 890	22 344	20 755	22 147	22 724	23 188	22 017	19 304	23 140 e
Latvia	805	198								
Luxembourg	2 208	2 090	2 193	2 127	2 175	2 172	2 228	2 119	1 886	2 073
Netherlands	6 739	6 581	6 839	6 888	6 824	6 781	6 813	6 657	6 054	6 620
Poland	8 194	7 783	8 399	9 038	8 850	9 882	9 882	8 787	7 729	8 317
Portugal	1 940	2 040	2 053	2 015	1 998	2 056	2 215	2 033	2 203	1 953
Romania	3 200	2 900	3 100	3 280	3 200	3 280	3 465	3 370	2 725	3 300 e
Slovakia	4 391	4 499	4 694	4 551	4 800	4 974	4 947	3 931	3 444	4 863
Slovenia	522	509	493	484	495	521	528	500	471	540
Spain	13 246	13 933	13 940	14 578	13 380	14 201	14 084	13 358	10 918	14 022
Sweden (1)	3 773	3 857	3 978	4 038	4 321	4 339	4 084	4 140	3 860	4 080 e
European Union (27)	153 463	149 270	151 680	150 295	149 090	155 607	155 265	145 967	128 061	148 019
Albania (e)	500	550	560	150	50					
Bosnia-Herzegovina	693	722	793	819	806	756	695	801	759	775 e
Macedonia	217	100	188	121	169	273	266	239	180	315
Montenegro (e)	120	70	140	150	120	100	80	50	20	20 e
Norway	683	593	590	578	608	603	575	621	624	622
Serbia	346	396	583	955	1 173	1 477	1 973	1 929	1 456	1 667
Switzerland	1 450	1 530	1 475	1 475	1 500	1 525	1 550	1 325	1 175	1 291
Türkiye	35 885	34 654	34 035	31 517	33 163	37 524	37 312	33 743	35 810	40 360
United Kingdom	9 390	11 699	11 949	10 756	7 532	7 356	7 141	7 111	7 022	7 188
Other Europe	49 284	50 314	50 313	46 522	45 121	49 613	49 592	45 819	47 046	52 239
Azerbaijan	120	173	180	180	180	180	200	200	200	286
Belarus	2 687	2 245	2 513	2 510	2 188	2 343	2 471	2 621	2 482	2 481
Kazakhstan	3 670	3 270	3 675	3 905	4 285	4 581	3 906	4 074	3 779	4 440 e
Moldova	335	190	351	443	126	469	497	392	465	570 e
Russia	56 620	56 000	58 500	58 000	58 000	58 600	59 150	59 200	59 100	50 452
Ukraine	17 760	17 040	14 700	11 237	11 700	10 792	11 398	11 609	13 648	14 145 e
Uzbekistan	730	746	723	643	654	654	646	666	939	885 e
Russia & other CIS + Ukraine	81 922	79 665	80 643	76 918	77 133	77 619	78 269	78 762	80 613	73 259
Canada	13 131	12 055	12 481	12 179	9 891	10 330	10 500	10 080	8 585	10 140 e
Cuba	277	322	256	284	244	221	225	230	185	231
El Salvador	72	118	121	124	100	96	99	102	82	103
Guatemala	334	385	395	403	314	294	300	306	243	307
Mexico	18 047	18 195	18 906	18 203	18 799	19 924	20 204	18 387	16 803	18 454
Trinidad and Tobago	628	616	487	591	36					
United States	87 467	85 796	86 867	78 070	78 012	81 317	85 027	87 542	72 559	85 616
North America	119 956	117 488	119 515	109 854	107 396	112 183	116 356	116 646	98 456	114 850
Argentina	4 981	5 172	5 474	5 014	4 112	4 610	5 148	4 631	3 637	4 861
Brazil	33 590	33 431	33 383	32 911	31 120	34 055	34 671	31 917	30 813	35 284
Chile	1 671	1 323	1 079	1 112	1 153	1 158	1 145	1 133	1 157	1 318
Colombia	957	913	1 208	1 211	1 272	1 253	1 219	1 333	1 149	1 338
Ecuador	425	570	667	720	576	561	583	607	482	612
Paraguay	44	45	47	48	35	24	25	26	23	26
Peru	981	1 069	1 078	1 082	1 168	1 207	1 217	1 230	731	1 234
Uruguay	78	91	94	97	61	58	60	62	49	63
Venezuela	2 359	2 139	1 485	1 345	553	444	129	51	29	29
South America	45 086	44 753	44 514	43 540	40 050	43 369	44 197	40 990	38 070	44 765

Table 4 (continued)

Production of continuously-cast steel

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Algeria	550	417	415	650	650	415	2 300	2 400	3 000	3 491
Angola (e)	100	100	150	150	200	250	275	290	250	275 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 627	6 754	6 485	5 506	5 036	6 870	7 807	7 257	8 229	10 294
Ghana (e)	100	150	200	250	300	350	400	400	400	400 e
Kenya (e)	300	300	300	300	325	350	375	400	385	485 e
Libya	315	712	712	352	492	422	396	606	495	652
Morocco	539	558	501	516	520	550	520	500	320	500 e
Nigeria (e)	500	500	500	500	500	600	650	650	650	650 e
South Africa	6 900	7 139	6 381	6 380	6 141	6 301	6 327	6 076	3 877	5 020
Tanzania (e)	100	100	100	100	130	133	135	140	120	145 e
Tunisia (e)	150	150	150	90	90	80	80	60	60	80 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Zambia (e)	100	100	150	150	160	190	210	220	200	220 e
Africa	16 342	17 040	16 103	15 004	14 604	16 571	19 535	19 059	18 045	22 271
Bahrain (e)							720	700	700	700 e
Iran	14 463	15 422	16 331	16 146	17 895	21 236	24 520	25 609	28 990	28 320
Iraq (e)	20	20	100	100	100	200	200	300	300	300 e
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	200	200	250	300	330	330	350	350	350	350 e
Kuwait (e)							1 300	1 270	1 300	1 300 e
Oman (e)	300	500	1 500	2 000	2 000	2 000	2 000	2 000	2 000	2 000 e
Qatar	2 145	2 236	3 019	2 593	2 521	2 644	2 575	2 558	1 218	1 002
Saudi Arabia (2)	5 203	5 471	6 291	5 229	5 461	4 831	8 187	8 191	7 775	8 735
Syria (e)	10	10								
United Arab Emirates	2 408	2 878	2 390	3 006	3 149	3 309	3 247	3 327	2 722	2 997
Middle East	25 049	27 037	30 181	29 674	31 755	34 850	43 399	44 605	45 655	46 004
Bangladesh (e)	1 900	1 900	2 800	3 500	3 500	3 500	3 800	5 100	5 500	5 500 e
China	720 074	808 202	810 100	792 700	797 500	859 900	915 000	980 419	1 049 417	1 018 190 e
India	62 000	66 280	72 270	75 000	82 000	87 400	95 200	96 950	87 200	103 000 e
Indonesia	2 254	2 644	4 351	4 854	4 746	5 195	6 183	8 565	12 871	14 835
Japan (e: 2014-)	105 402	108 932	109 000	103 550	103 225	103 045	102 725	97 700	81 860	94 800 e
South Korea	67 907	65 019	70 405	68 672	67 652	70 111	71 462	70 393	66 220	69 412
Malaysia	5 612	4 693	4 316	3 784	2 764	3 215	4 108	6 948	6 619	9 090
Mongolia	35	40	45	45	50	50	50	50	50	36
Myanmar (e)	50	70	100	150	200	250	300	350	350	400 e
Pakistan			2 423	2 890	3 553	4 966	4 719	3 304	3 803	5 438
Philippines	1 260	1 308	1 196	968	1 075	1 378	1 475	1 915	892	1 555
Singapore	688	434	540	501	520	593	618	550	419	568
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	20 576	22 188	23 117	21 303	21 658	22 340	23 148	21 854	20 959	23 138
Thailand	3 641	3 613	5 835	5 069	5 400	6 762	6 403	4 246	4 467	5 473
Viet Nam	5 298	5 474	5 847	5 647	7 811	11 473	15 471	17 469	19 900	23 019
Asia	996 726	1 090 826	1 112 376	1 088 664	1 101 684	1 180 208	1 250 692	1 315 843	1 360 558	1 374 483
Australia	4 832	4 627	4 581	4 900	5 234	5 328	5 689	5 493	5 490	5 780
New Zealand	912	900	859	793	577	657	652	667	586	646
Oceania	5 744	5 528	5 440	5 692	5 811	5 985	6 341	6 160	6 076	6 425
World	1 493 572	1 581 920	1 610 765	1 566 162	1 572 643	1 676 006	1 763 645	1 813 851	1 822 581	1 882 315

(1) - includes steel powders from 2015.

(2) - 2012-17 HADEED only, 2018-21 NCSI.

Table 4 (continued)

	Production of continuously-cast steel										% total crude steel production									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	96.2	96.4	96.3	96.6	96.6	96.3	95.7	96.1	96.1	96.4										
Belgium	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Bulgaria	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Croatia	100.0	100.0	100.0	100.0																
Czechia	91.1	91.1	91.6	91.2	92.6	92.8	95.3	96.6	96.5	96.5										
Germany	96.7	96.9	96.8	97.0	95.3	96.6	97.3	97.5	96.1	96.2 e										
Finland	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.5	99.5	99.6										
France	96.1	96.3	96.2	96.3	96.9	97.0	97.0	97.2	97.5	97.5										
Greece	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Hungary	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Italy	95.4	95.0	94.2	94.5	95.0	94.7	94.7	94.9	94.7	94.7 e										
Latvia	100.0	100.0																		
Luxembourg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Netherlands	98.0	98.0	98.2	98.5	98.7	100.0	100.0	100.0	100.0	100.0										
Poland	97.9	97.9	98.1	98.3	98.3	95.6	97.2	98.1	98.4	98.4										
Portugal	99.0	99.5	99.2	99.3	99.4	99.0	100.0	100.0	100.0	100.0										
Romania	97.2	97.2	98.2	97.9	97.7	97.6	97.6	97.7	97.7	97.8 e										
Slovakia	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0										
Slovenia	82.6	82.3	80.2	80.1	80.7	80.3	80.8	80.2	80.4	81.6										
Spain	97.1	97.8	97.8	98.2	98.3	98.3	98.3	98.3	99.3	98.9										
Sweden (1)	87.2	87.6	87.6	88.6	89.7	88.1	87.8	87.7	87.6	87.2 e										
European Union (27)	96.5	96.6	96.5	96.8	96.5	96.7	97.0	97.2	96.9	96.9										
Albania (e)	100.0	100.0	100.0	100.0	100.0															
Bosnia-Herzegovina	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e										
Macedonia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Montenegro (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e										
Norway	97.6	98.0	98.3	98.0	98.1	100.0	100.0	100.0	100.0	100.0										
Serbia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Switzerland	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Türkiye	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
United Kingdom	98.0	98.7	99.3	98.6	98.7	98.2	98.3	98.5	99.1	99.5										
Other Europe	99.6	99.7	99.8	99.7	99.7	99.7	99.7	99.8	99.9	99.9										
Azerbaijan	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Belarus	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Kazakhstan	99.8	99.8	99.8	99.9	99.9	98.7	98.5	98.5	97.1	98.7 e										
Moldova	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e										
Russia	80.6	81.2	81.9	84.4	84.0	83.1	82.0	82.5	82.5	65.5										
Ukraine	53.9	52.0	54.1	48.9	48.3	50.4	54.0	55.7	66.2	66.2 e										
Uzbekistan	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e										
Russia & other CIS + Ukraine	74.0	73.5	76.0	77.4	76.6	77.4	77.5	78.3	80.4	68.4										
Canada	97.2	97.1	98.0	97.6	78.2	78.2	78.1	78.2	78.1	78.1 e										
Cuba	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
El Salvador	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Guatemala	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Mexico	99.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0										
Trinidad and Tobago	100.0	100.0	100.0	100.0	100.0															
United States	98.6	98.8	98.5	99.0	99.4	99.6	98.2	99.7	99.8	99.8										
North America	98.7	98.7	98.7	99.0	97.1	97.2	96.3	97.5	97.5	97.4										
Argentina	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.6	99.7										
Brazil	97.3	97.9	98.5	99.0	98.3	97.9	97.9	98.0	98.1	97.8										
Chile	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Colombia	73.5	73.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Ecuador	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Paraguay	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Peru	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Uruguay	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Venezuela	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
South America	97.2	97.7	98.8	99.2	98.7	98.3	98.3	98.4	98.4	98.2										

Table 4 (continued)

	Production of continuously-cast steel										% total crude steel production									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Algeria	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Angola (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
D.R. Congo (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Egypt	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ghana (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Kenya (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Libya	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Morocco	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Nigeria (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
South Africa	99.5	99.7	99.5	99.4	100.0	100.0	100.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tanzania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Tunisia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Uganda (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Zambia (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Africa	99.7	99.8	99.8	99.7	100.0	100.0	100.0	99.6	100.0	100.0										
Bahrain (e)							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Iran	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Iraq (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Israel (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Jordan (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Kuwait (e)							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Oman (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Qatar	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Saudi Arabia (2)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Syria (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United Arab Emirates	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Middle East	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										
Bangladesh (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
China (1)	98.5	98.3	98.5	98.6	98.7	98.8	98.5	98.5	98.6	98.6	98.5	98.5	98.6	98.7	98.8	98.5	98.5	98.6	98.6	98.6 e
India	80.2	81.5	82.8	84.2	85.9	86.1	87.1	87.1	87.0	87.1	80.2	81.5	82.8	84.2	85.9	86.1	87.1	87.1	87.0	87.1 e
Indonesia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Japan (e: 2014-)	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.4	98.4	98.4	98.3	98.5	98.5	98.5	98.5	98.5	98.4	98.4	98.4	98.4 e
South Korea	98.3	98.4	98.4	98.6	98.7	98.7	98.6	98.6	98.7	98.6	98.3	98.5	98.5	98.5	98.5	98.5	98.4	98.4	98.4	98.4 e
Malaysia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mongolia (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Myanmar (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Pakistan			100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0										
Philippines	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sri Lanka (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Taiwan, China	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	100.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	100.0	99.6	99.6
Thailand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Viet Nam	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Asia	96.9	96.9	97.3	97.4	97.6	97.6	97.5	97.5	97.7	97.6										
Australia	98.7	98.7	99.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	98.7	98.7	99.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0
New Zealand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oceania	98.9	98.9	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0										
World	95.5	95.7	96.1	96.4	96.3	96.5	96.5	96.6	96.9	96.1										

(1) - includes steel powders from 2015.

(2) - 2012-17 HADEED only, 2018-21 NCSI.

Table 5

Production of liquid steel for castings

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	10	10	10	11	9	6	6	6	5	4
Croatia				0	0	0				
Czechia	64	67	56	58	52	46	12	10	32	37
Germany	12	9	9	6	6	5	5	5	5	5 e
Finland	17	17	17	17	17	17	17	17	18	18
France						1	0	0	0	0
Italy	144	160	150	145	146	143	143	86	84	85 e
Portugal	20	10	17	15	12	20				
Slovakia	12	12	11	11	9					
Sweden	37	33	25	19	21	22	22	21	24	23 e
European Union (27)	316	317	297	283	272	260	204	145	168	173
Norway	17	12	10	12	12					
United Kingdom	9	9	9	9	5	3	2	3	2	1
Other Europe	26	21	19	21	16	3	2	3	2	1
Kazakhstan	6	5	5	5	5	60	60	60	60	60 e
Russia	1 670	1 500	1 460	1 400	1 400	1 400	1 400	1 400	1 400	1 500 e
Ukraine	95	70	50		20					
Russia & other CIS + Ukraine	1 771	1 575	1 515	1 405	1 425	1 460	1 460	1 460	1 460	1 560
United States	1	1	1							
North America	1	1	1							
Argentina	14	14	14	14	14	14	14	14	14	14
Brazil	18	21	30	29	154	209	217	54	41	43
South America	32	35	44	43	168	223	231	68	55	57
Mauritania (e)	5	5	5	5	5	5	5	5	5	5 e
Africa	5	5	5	5	5	5	5	5	5	5
Syria (e)			5	5	5	5	5	5	5	5 e
Middle East			5	5	5	5	5	5	5	5
China (1)	678	1 256	1 300	1 200	1 100	850	1 000	1 100	1 150	1 100 e
India	20	20	25	25	30	55	70	45	50	50 e
Japan	392	357	335	320	316	375	386	343	290	301
South Korea	258	274	270	250	231	237	236	237	263	432
Taiwan, China	1									
Asia	1 349	1 907	1 930	1 795	1 677	1 516	1 692	1 726	1 754	1 883
World	3 499	3 860	3 815	3 556	3 569	3 472	3 599	3 412	3 448	3 684

Table 5 (continued)

Production of liquid steel for castings

% total crude steel production

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Croatia				0.0	100.0	100.0				
Czechia	1.3	1.3	1.0	1.1	1.0	1.0	0.2	0.2	0.7	0.8
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e
Finland	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.4
France						0.0	0.0	0.0	0.0	0.0
Italy	0.5	0.7	0.6	0.7	0.6	0.6	0.6	0.4	0.4	0.3 e
Portugal	1.0	0.5	0.8	0.7	0.6	1.0				
Slovakia	0.3	0.3	0.2	0.2	0.2					
Sweden	0.9	0.7	0.6	0.4	0.4	0.4	0.5	0.4	0.5	0.5 e
European Union (27)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Norway	2.4	2.0	1.7	2.0	1.9					
United Kingdom	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Other Europe	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kazakhstan	0.2	0.2	0.1	0.1	0.1	1.3	1.5	1.5	1.5	1.3 e
Russia	2.4	2.2	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.9 e
Ukraine	0.3	0.2	0.2		0.1					
Russia & other CIS + Ukraine	1.6	1.5	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5
United States	0.0	0.0	0.0							
North America	0.0	0.0	0.0							
Argentina	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
Brazil	0.1	0.1	0.1	0.1	0.5	0.6	0.6	0.2	0.1	0.1
South America	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.2	0.1	0.1
Mauritania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Syria (e)				100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Middle East				0.0	0.0	0.0	0.0	0.0	0.0	0.0
China (1)	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1 e
India	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0 e
Japan	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3
South Korea	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.6
Taiwan, China	0.0									
Asia	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
World	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Table 6

Crude steel production by process

Year: 2020

	thousand tonnes			Total	% total production		
	BOF	EF	Other		BOF	EF	Other
Austria	6 087	678		6 765	90.0	10.0	100.0
Belgium	4 172	1 947		6 119	68.2	31.8	100.0
Bulgaria		484		484		100.0	100.0
Croatia		45		45		100.0	100.0
Czechia	4 260	205		4 465	95.4	4.6	100.0
Germany	24 145	11 535		35 679	67.7	32.3	100.0
Finland (e)	2 385	1 115		3 500	68.1	31.9	100.0
France	7 822	3 773		11 596	67.5	32.5	100.0
Greece		1 408		1 408		100.0	100.0
Hungary	1 183	331		1 513	78.2	21.8	100.0
Italy	3 115	17 265		20 380	15.3	84.7	100.0
Luxembourg		1 886		1 886		100.0	100.0
Netherlands	6 054			6 054	100.0		100.0
Poland	3 936	3 920		7 856	50.1	49.9	100.0
Portugal		2 203		2 203		100.0	100.0
Romania (e)	2 045	745		2 790	73.3	26.7	100.0
Slovakia (e)	3 275	170		3 445	95.1	4.9	100.0
Slovenia		585		585		100.0	100.0
Spain	3 023	7 966		10 989	27.5	72.5	100.0
Sweden	2 952	1 457		4 409	67.0	33.0	100.0
European Union (27)	74 452	57 719		132 170	56.3	43.7	100.0
Bosnia-Herzegovina	759			759	100.0		100.0
Macedonia		180		180		100.0	100.0
Montenegro (e)		20		20		100.0	100.0
Norway		624		624		100.0	100.0
Serbia	1 237	218		1 456	85.0	15.0	100.0
Switzerland (e)		1 175		1 175		100.0	100.0
Türkiye	11 028	24 782		35 810	30.8	69.2	100.0
United Kingdom	5 735	1 351		7 086	80.9	19.1	100.0
Other Europe	18 759	28 350		47 110	39.8	60.2	100.0
Azerbaijan (e)		200		200		100.0	100.0
Belarus		2 482		2 482		100.0	100.0
Kazakhstan	3 779	60		3 839	98.4	1.6	100.0
Moldova		465		465		100.0	100.0
Russia	47 200	23 000	1 400	71 600	65.9	32.1	2.0
Ukraine	15 585	1 129	3 911	20 626	75.6	5.5	19.0
Uzbekistan		939		939		100.0	100.0
Russia & other CIS + Ukraine	66 564	28 275	5 311	100 151	66.5	28.2	5.3
Canada (e)	5 970	5 015		10 985	54.3	45.7	100.0
Cuba		185		185		100.0	100.0
El Salvador		82		82		100.0	100.0
Guatemala		243		243		100.0	100.0
Mexico	2 914	13 888		16 803	17.3	82.7	100.0
United States	21 350	51 380		72 730	29.4	70.6	100.0
North America	30 234	70 792		101 027	29.9	70.1	100.0
Argentina	2 007	1 644		3 651	55.0	45.0	100.0
Brazil	23 417	7 550	448	31 415	74.5	24.0	1.4
Chile	801	357		1 157	69.2	30.8	100.0
Colombia	178	971		1 149	15.5	84.5	100.0
Ecuador		482		482		100.0	100.0
Paraguay	23			23	100.0		100.0
Peru		731		731		100.0	100.0
Uruguay		49		49		100.0	100.0
Venezuela		29		29		100.0	100.0
South America	26 425	11 813	448	38 686	68.3	30.5	1.2

BOF - basic oxygen furnace.

EF - electric furnace.

Other processes, including open hearth furnace.

Table 6 (continued)

Crude steel production by process

Year: 2020

	thousand tonnes			Total	% total production			Total
	BOF	EF	Other		BOF	EF	Other	
Algeria (e)	500	2 500		3 000	16.7	83.3		100.0
Angola (e)		250		250		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt	120	8 110		8 230	1.5	98.5		100.0
Ghana (e)		400		400		100.0		100.0
Kenya (e)		385		385		100.0		100.0
Libya		495		495		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco		320		320		100.0		100.0
Nigeria (e)		650		650		100.0		100.0
South Africa	2 039	1 838		3 877	52.6	47.4		100.0
Tanzania (e)		120		120		100.0		100.0
Tunisia (e)		60		60		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Zambia (e)		200		200		100.0		100.0
Africa	2 659	15 388	5	18 051	14.7	85.2	0.0	100.0
Bahrain (e)		700		700		100.0		100.0
Iran (e)	2 540	26 440		28 980	8.8	91.2		100.0
Iraq (e)		300		300		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		350		350		100.0		100.0
Kuwait (e)		1 300		1 300		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		1 218		1 218		100.0		100.0
Saudi Arabia		7 775		7 775		100.0		100.0
Syria (e)		5		5		100.0		100.0
United Arab Emirates		2 722		2 722		100.0		100.0
Middle East	2 540	43 110		45 650	5.6	94.4		100.0
Bangladesh (e)		5 500		5 500		100.0		100.0
China (e)	966 808	97 958		1 064 767	90.8	9.2		100.0
India	44 636	55 620		100 256	44.5	55.5		100.0
Indonesia	3 100	9 771		12 871	24.1	75.9		100.0
Japan	62 047	21 140		83 186	74.6	25.4		100.0
D.P.R. Korea (e)		1 250		1 250		100.0		100.0
South Korea	46 259	20 820		67 079	69.0	31.0		100.0
Malaysia	4 598	2 020		6 619	69.5	30.5		100.0
Mongolia (e)		50		50		100.0		100.0
Myanmar (e)		350		350		100.0		100.0
Pakistan		3 803		3 803		100.0		100.0
Philippines		892		892		100.0		100.0
Singapore		419		419		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China	12 701	8 258		20 959	60.6	39.4		100.0
Thailand		4 467		4 467		100.0		100.0
Viet Nam	12 200	4 800	2 900	19 900	61.3	24.1	14.6	100.0
Asia	1 152 350	237 149	2 900	1 392 399	82.8	17.0	0.2	100.0
Australia	4 064	1 427		5 490	74.0	26.0		100.0
New Zealand	586			586	100.0			100.0
Oceania	4 649	1 427		6 076	76.5	23.5		100.0
World	1 378 633	494 023	8 664	1 881 321	73.3	26.3	0.5	100.0

Table 6 (continued)

Crude steel production by process

Year: 2021

	thousand tonnes			Total	% total production		
	BOF	EF	Other		BOF	EF	Other	Total
Austria	7 195	689		7 884	91.3	8.7	100.0
Belgium	4 609	2 300		6 909	66.7	33.3	100.0
Bulgaria		548		548		100.0	100.0
Croatia		185		185		100.0	100.0
Czechia	4 630	187		4 817	96.1	3.9	100.0
Germany	28 150	12 091		40 241	70.0	30.0	100.0
Finland	2 618	1 722		4 340	60.3	39.7	100.0
France	9 314	4 632		13 947	66.8	33.2	100.0
Greece		1 498		1 498		100.0	100.0
Hungary	754	346		1 100	68.6	31.4	100.0
Italy (e)	4 400	20 030		24 430	18.0	82.0	100.0
Luxembourg		2 073		2 073		100.0	100.0
Netherlands	6 620			6 620	100.0		100.0
Poland	4 064	4 389		8 454	48.1	51.9	100.0
Portugal		1 953		1 953		100.0	100.0
Romania (e)	2 315	1 065		3 380	68.5	31.5	100.0
Slovakia (e)	3 900	960		4 860	80.2	19.8	100.0
Slovenia		662		662		100.0	100.0
Spain	4 498	9 688		14 185	31.7	68.3	100.0
Sweden	3 016	1 662		4 678	64.5	35.5	100.0
European Union (27)	86 085	66 680		152 765	56.4	43.6	100.0
Bosnia-Herzegovina	775			775	100.0		100.0
Macedonia		315		315		100.0	100.0
Montenegro (e)		20		20		100.0	100.0
Norway		622		622		100.0	100.0
Serbia	1 317	350		1 667	79.0	21.0	100.0
Switzerland		1 291		1 291		100.0	100.0
Türkiye	11 458	28 902		40 360	28.4	71.6	100.0
United Kingdom	5 902	1 320		7 222	81.7	18.3	100.0
Other Europe	19 452	32 820		52 273	37.2	62.8	100.0
Azerbaijan		286		286		100.0	100.0
Belarus		2 481		2 481		100.0	100.0
Kazakhstan (e)	4 440	60		4 500	98.7	1.3	100.0
Moldova (e)		570		570		100.0	100.0
Russia	46 040	29 470	1 510	77 020	59.8	38.3	2.0
Ukraine	16 243	1 233	3 889	21 366	76.0	5.8	18.2
Uzbekistan (e)		885		885		100.0	100.0
Russia & other CIS + Ukraine	66 723	34 985	5 399	107 108	62.3	32.7	5.0
Canada (e)	7 095	5 880		12 975	54.7	45.3	100.0
Cuba		231		231		100.0	100.0
El Salvador		103		103		100.0	100.0
Guatemala		307		307		100.0	100.0
Mexico	2 928	15 526		18 454	15.9	84.1	100.0
United States (e)	26 465	59 325		85 790	30.8	69.2	100.0
North America	36 488	81 371		117 859	31.0	69.0	100.0
Argentina	2 673	2 202		4 875	54.8	45.2	100.0
Brazil	27 253	8 375	443	36 071	75.6	23.2	1.2
Chile	833	485		1 318	63.2	36.8	100.0
Colombia (e)	230	1 110		1 340	17.2	82.8	100.0
Ecuador		612		612		100.0	100.0
Paraguay	26			26	100.0		100.0
Peru		1 234		1 234		100.0	100.0
Uruguay		63		63		100.0	100.0
Venezuela		29		29		100.0	100.0
South America	31 015	14 110	443	45 568	68.1	31.0	1.0

BOF - basic oxygen furnace.

EF - electric furnace.

Other processes, including open hearth furnace.

Table 6 (continued)

Crude steel production by process

Year: 2021

	thousand tonnes			Total	% total production			Total
	BOF	EF	Other		BOF	EF	Other	
Algeria (e)	500	2 990		3 490	14.3	85.7		100.0
Angola (e)		275		275		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt		10 294		10 294		100.0		100.0
Ghana (e)		400		400		100.0		100.0
Kenya (e)		485		485		100.0		100.0
Libya		652		652		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco (e)		500		500		100.0		100.0
Nigeria (e)		650		650		100.0		100.0
South Africa	2 898	2 121		5 020	57.7	42.3		100.0
Tanzania (e)		145		145		100.0		100.0
Tunisia (e)		80		80		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Zambia (e)		220		220		100.0		100.0
Africa	3 398	18 871	5	22 275	15.3	84.7	0.0	100.0
Bahrain (e)		700		700		100.0		100.0
Iran (e)	2 740	25 580		28 320	9.7	90.3		100.0
Iraq (e)		300		300		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		350		350		100.0		100.0
Kuwait (e)		1 300		1 300		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		1 002		1 002		100.0		100.0
Saudi Arabia		8 735		8 735		100.0		100.0
Syria (e)		5		5		100.0		100.0
United Arab Emirates		2 997		2 997		100.0		100.0
Middle East	2 740	43 269		46 009	6.0	94.0		100.0
Bangladesh (e)		5 500		5 500		100.0		100.0
China (e)	923 500	109 290		1 032 790	89.4	10.6		100.0
India	52 998	65 206		118 204	44.8	55.2		100.0
Indonesia	3 135	11 700		14 835	21.1	78.9		100.0
Japan	71 945	24 391		96 336	74.7	25.3		100.0
D.P.R. Korea (e)		1 250		1 250		100.0		100.0
South Korea	48 027	22 391		70 418	68.2	31.8		100.0
Malaysia	6 773	2 317		9 090	74.5	25.5		100.0
Mongolia		36		36		100.0		100.0
Myanmar (e)		400		400		100.0		100.0
Pakistan		5 438		5 438		100.0		100.0
Philippines		1 555		1 555		100.0		100.0
Singapore		568		568		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China	14 062	9 172		23 233	60.5	39.5		100.0
Thailand		5 473		5 473		100.0		100.0
Viet Nam	14 631	3 910	4 478	23 019	63.6	17.0	19.5	100.0
Asia	1 135 071	268 625	4 478	1 408 175	80.6	19.1	0.3	100.0
Australia	4 252	1 527		5 780	73.6	26.4		100.0
New Zealand	646			646	100.0			100.0
Oceania	4 898	1 527		6 425	76.2	23.8		100.0
World	1 385 871	562 260	10 325	1 958 456	70.8	28.7	0.5	100.0

Table 7

Production of crude steel in basic oxygen furnaces

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	6 746	7 288	7 185	7 020	6 766	7 412	6 177	6 714	6 087	7 195
Belgium	4 647	4 738	4 952	4 809	5 330	5 390	5 411	5 655	4 172	4 609
Czechia	4 701	4 805	5 006	4 902	5 011	4 306	4 619	4 203	4 260	4 630
Germany	28 872	29 185	29 881	30 054	29 486	30 290	29 732	27 722	24 145	28 150
Finland	2 300	2 220	2 545	2 625	2 750	2 700	2 800	2 320	2 385	2 618
France	9 507	10 195	10 645	9 825	9 527	10 664	10 524	10 061	7 822	9 314
Hungary	1 488	744	974	1 507	1 041	1 602	1 659	1 418	1 183	754
Italy	9 312	6 798	6 514	4 791	5 669	4 732	4 520	4 207	3 115	4 400 e
Netherlands	6 739	6 581	6 839	6 888	6 824	6 781	6 813	6 657	6 054	6 620
Poland	4 234	4 399	5 067	5 321	5 110	5 706	5 392	4 920	3 936	4 064
Romania	1 701	1 830	1 845	2 245	2 228	2 330	2 190	2 330	2 045	2 315 e
Slovakia	4 023	4 172	4 344	4 236	4 506	4 619	4 550	3 690	3 275	3 900 e
Spain	3 423	4 210	4 206	4 701	4 547	4 821	4 911	4 240	3 023	4 498
Sweden	2 883	2 986	3 096	2 890	3 111	3 078	2 829	3 124	2 952	3 016
European Union (27)	90 578	90 152	93 100	91 813	91 905	94 432	92 127	87 261	74 452	86 085
Bosnia-Herzegovina	700	721	793	819	806	756	695	801	759	775
Serbia	346	396	583	955	1 173	1 477	1 770	1 756	1 237	1 317
Türkiye	9 325	9 931	10 283	11 035	11 317	11 561	11 513	10 859	11 028	11 458
United Kingdom	7 525	9 915	10 079	9 051	6 153	5 997	5 651	5 687	5 735	5 902
Other Europe	17 896	20 963	21 738	21 860	19 448	19 791	19 630	19 102	18 759	19 452
Kazakhstan	2 904	3 009	3 526	3 620	4 230	4 581	3 906	4 074	3 779	4 440 e
Russia	45 800	46 101	47 567	47 243	46 587	47 023	46 626	46 860	47 200	46 040
Ukraine	23 954	24 284	19 930	16 455	16 950	15 305	14 714	14 836	15 585	16 243
Russia & other CIS + Ukraine	72 658	73 394	71 024	67 319	67 767	66 909	65 246	65 770	66 564	66 723
Canada	7 810	6 850	7 723	6 715	7 012	7 271	7 550	7 225	5 970	7 095 e
Mexico	4 989	5 363	5 679	4 978	4 919	4 721	4 885	4 242	2 914	2 928
United States	36 281	34 237	33 000	29 395	25 888	25 788	27 704	26 590	21 350	26 465 e
North America	49 080	46 450	46 402	41 089	37 819	37 780	40 139	38 058	30 234	36 488
Argentina	2 214	2 531	2 749	2 822	2 340	2 296	2 319	2 115	2 007	2 673
Brazil	25 962	25 055	25 507	26 014	24 330	26 794	27 075	24 764	23 417	27 253
Chile	1 186	864	697	773	815	794	789	724	801	833
Colombia	345	323	297	241	244	220	222	224	178	230 e
Paraguay	44	45	47	48	35	24	25	26	23	26
South America	29 751	28 819	29 297	29 898	27 763	30 128	30 430	27 854	26 425	31 015
Algeria	557	417	415	650	650	415	400	400	500	500 e
Egypt	530	540	515	580	575	180	180	184	120	
South Africa	3 904	4 272	3 623	3 908	3 820	3 731	3 899	3 330	2 039	2 898
Africa	4 991	5 229	4 553	5 138	5 045	4 326	4 479	3 914	2 659	3 398
Iran	2 157	2 013	2 724	2 407	2 183	2 235	2 255	2 535	2 540	2 740 e
Middle East	2 157	2 013	2 724	2 407	2 183	2 235	2 255	2 535	2 540	2 740
China	666 185	764 631	767 900	756 300	756 600	790 000	830 000	892 891	966 808	923 500 e
India	24 664	34 773	37 045	38 216	40 739	46 202	49 038	48 680	44 636	52 998
Indonesia			1 903	2 720	2 907	2 922	3 009	3 190	3 100	3 135
Japan	82 307	85 680	84 987	81 081	81 513	79 343	78 230	74 983	62 047	71 945
South Korea	43 119	40 294	47 345	48 500	47 521	47 676	48 281	48 716	46 259	48 027
Malaysia					545	400	897	4 389	4 598	6 773
Pakistan (e)	200	165	145	180						
Taiwan, China	11 092	12 483	13 544	13 328	13 969	13 690	14 063	13 587	12 701	14 062
Viet Nam		500	877	1 409	2 343	4 016	8 200	9 746	12 200	14 631
Asia	827 567	938 526	953 748	941 734	946 137	984 248	1 031 719	1 096 182	1 152 350	1 135 071
Australia	3 777	3 642	3 573	3 797	3 983	4 104	4 228	4 023	4 064	4 252
New Zealand	625	612	595	583	577	657	652	667	586	646
Oceania	4 402	4 254	4 168	4 380	4 560	4 761	4 880	4 690	4 649	4 898
World	1 099 079	1 209 799	1 226 751	1 205 637	1 202 627	1 244 610	1 290 904	1 345 365	1 378 633	1 385 871

Table 7 (continued)

Production of crude steel in basic oxygen furnaces

% total crude steel production

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	90.9	91.6	91.2	91.3	91.0	91.1	89.7	90.4	90.0	91.3
Belgium	63.6	66.5	67.6	66.3	69.3	68.7	67.8	72.9	68.2	66.7
Czechia	92.7	92.9	93.4	93.2	94.4	94.6	95.0	94.7	95.4	96.1
Germany	67.7	68.4	69.6	70.4	70.1	70.0	70.1	70.0	67.7	70.0
Finland	61.2	63.1	66.8	65.8	67.1	67.4	67.5	66.8	68.2	60.3
France	60.9	65.0	65.9	65.6	66.1	68.8	68.4	69.6	67.5	66.8
Hungary	96.5	84.3	84.5	90.0	81.7	84.3	83.4	80.1	78.2	68.6
Italy	34.2	28.2	27.5	21.8	24.3	19.7	18.5	18.1	15.3	18.0 e
Netherlands	98.0	98.0	98.2	98.5	98.7	100.0	100.0	100.0	100.0	100.0
Poland	50.6	55.3	59.2	57.8	56.8	55.2	53.0	54.9	50.1	48.1
Romania	51.7	61.3	58.4	67.0	68.0	69.3	61.7	67.6	73.3	68.6 e
Slovakia	91.4	92.5	92.3	92.9	93.7	92.9	92.0	93.9	95.1	80.2 e
Spain	25.1	29.5	29.5	31.7	33.4	33.4	34.3	31.2	27.5	31.7
Sweden	66.6	67.8	68.2	63.4	64.6	62.5	60.8	66.2	67.0	64.5
European Union (27)	57.0	58.3	59.2	59.1	59.5	58.7	57.6	58.1	56.3	56.4
Bosnia-Herzegovina	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Serbia	100.0	100.0	100.0	100.0	100.0	100.0	89.7	91.0	85.0	79.0
Türkiye	26.0	28.7	30.2	35.0	34.1	30.8	30.9	32.2	30.8	28.4
United Kingdom	78.6	83.6	83.8	83.0	80.6	80.1	77.8	78.8	80.9	81.7
Other Europe	36.2	41.5	43.1	46.8	43.0	39.8	39.5	41.6	39.8	37.2
Kazakhstan	79.0	91.9	95.8	92.6	98.6	98.7	98.5	98.5	97.1	98.7 e
Russia	65.2	66.8	66.6	68.8	67.5	66.7	64.7	65.3	65.9	59.8
Ukraine	72.6	74.1	73.4	71.6	70.0	71.5	69.7	71.2	75.6	76.0
Russia & other CIS + Ukraine	65.6	67.7	67.0	67.8	67.3	66.7	64.6	65.4	66.4	62.3
Canada	57.8	55.2	60.7	53.8	55.4	55.1	56.2	56.0	54.3	54.7 e
Mexico	27.6	29.4	30.0	27.3	26.1	23.7	24.2	23.1	17.3	15.9
United States	40.9	39.4	37.4	37.3	33.0	31.6	32.0	30.3	29.4	30.8 e
North America	40.4	39.0	38.3	37.0	34.2	32.8	33.2	31.8	29.9	31.0
Argentina	44.3	48.8	50.1	56.1	56.7	49.6	44.9	45.5	55.0	54.8
Brazil	75.2	73.3	75.2	78.2	76.9	77.0	76.5	76.0	74.5	75.6
Chile	71.0	65.4	64.6	69.5	70.7	68.6	68.9	63.9	69.2	63.2
Colombia	26.5	26.1	24.6	19.9	19.2	17.5	18.2	16.8	15.4	17.2 e
Paraguay	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
South America	64.1	62.9	65.0	68.1	68.4	68.3	67.7	66.9	68.3	68.1
Algeria	100.0	100.0	100.0	100.0	100.0	100.0	17.4	16.7	16.7	14.3 e
Egypt	8.0	8.0	7.9	10.5	11.4	2.6	2.3	2.5	1.5	
South Africa	56.3	59.6	56.5	60.9	62.2	59.2	61.6	54.1	52.6	57.7
Africa	30.4	30.6	28.2	34.1	34.5	26.1	22.9	20.4	14.7	15.3
Iran	14.9	13.1	16.7	14.9	12.2	10.5	9.2	9.9	8.8	9.7 e
Middle East	8.6	7.4	9.0	8.1	6.9	6.4	5.2	5.7	5.6	6.0
China	91.1	93.0	93.4	94.1	93.7	90.7	89.3	89.7	90.8	89.4 e
India	31.9	42.8	42.4	42.9	42.7	45.5	44.9	43.7	44.5	44.8
Indonesia			43.7	56.0	61.3	56.2	48.7	37.2	24.1	21.1
Japan	76.8	77.5	76.8	77.1	77.8	75.8	75.0	75.5	74.6	74.7
South Korea	62.4	61.0	66.2	69.6	69.3	67.1	66.6	68.2	69.0	68.2
Malaysia					19.7	12.4	21.8	63.2	69.5	74.5
Pakistan (e)	12.3	8.9	6.0	6.2						
Taiwan, China	53.7	56.0	58.3	62.3	64.2	61.0	60.5	61.9	60.6	60.5
Viet Nam		9.1	15.0	25.0	30.0	35.0	53.0	55.8	61.3	63.6
Asia	80.4	83.4	83.4	84.3	83.8	81.4	80.4	81.2	82.8	80.6
Australia	77.2	77.7	77.6	77.1	75.7	77.0	74.3	73.2	74.0	73.6
New Zealand	68.6	67.9	69.2	73.5	100.0	100.0	100.0	100.0	100.0	100.0
Oceania	75.8	76.1	76.2	76.6	78.1	79.5	77.0	76.1	76.5	76.2
World	70.3	73.2	73.2	74.2	73.6	71.7	70.6	71.7	73.3	70.8

Table 8

Production of crude steel in electric furnaces (arc and induction)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	674	664	691	667	672	723	708	709	678	689
Belgium	2 654	2 389	2 379	2 448	2 357	2 460	2 569	2 104	1 947	2 300
Bulgaria	633	523	612	543	527	652	666	566	484	548
Croatia	1	135	167	122	0	0	136	69	45	185
Czechia	371	367	354	360	295	244	245	234	205	187
Germany	13 789	13 459	13 062	12 622	12 594	13 007	12 703	11 905	11 535	12 091
Finland	1 460	1 300	1 265	1 365	1 350	1 300	1 350	1 155	1 115	1 722
France	6 102	5 491	5 498	5 159	4 886	4 840	4 864	4 388	3 773	4 632
Greece	1 247	1 030	1 022	910	1 158	1 359	1 467	1 350	1 408	1 498
Hungary	54	139	178	168	233	298	329	352	331	346
Italy	17 939	17 295	17 200	17 166	17 643	19 275	19 976	19 030	17 265	20 030 e
Latvia	805	198								
Luxembourg	2 208	2 090	2 193	2 127	2 175	2 172	2 228	2 119	1 886	2 073
Netherlands	141	132	125	107	93					
Poland	4 132	3 551	3 492	3 877	3 891	4 626	4 765	4 037	3 920	4 389
Portugal	1 960	2 050	2 070	2 030	2 010	2 056	2 215	2 033	2 203	1 953
Romania	1 591	1 155	1 314	1 100	1 046	1 030	1 360	1 115	745	1 065 e
Slovakia	381	339	362	326	302	355	395	240	170	960 e
Slovenia	632	618	615	604	613	648	654	623	585	662
Spain	10 216	10 042	10 042	10 144	9 069	9 620	9 410	9 348	7 966	9 688
Sweden	1 443	1 418	1 443	1 667	1 706	1 848	1 824	1 596	1 457	1 662
European Union (27)	68 433	64 384	64 084	63 513	62 620	66 515	67 864	62 974	57 719	66 680
Albania (e)	500	550	560	150	50					
Bosnia-Herzegovina		1								
Macedonia	217	100	188	121	169	273	266	239	180	315
Montenegro (e)	120	70	140	150	120	100	80	50	20	20 e
Norway	700	605	600	590	620	603	575	621	624	622
Serbia							203	174	218	350
Switzerland	1 450	1 530	1 475	1 475	1 500	1 525	1 550	1 325	1 175	1 291
Türkiye	26 560	24 723	23 752	20 482	21 846	25 963	25 799	22 884	24 782	28 902
United Kingdom	2 054	1 942	1 955	1 856	1 482	1 494	1 616	1 531	1 351	1 320
Other Europe	31 600	29 521	28 670	24 824	25 788	29 957	30 089	26 824	28 350	32 820
Azerbaijan	120	173	180	180	180	180	200	200	200	286
Belarus	2 687	2 245	2 513	2 510	2 188	2 343	2 471	2 621	2 482	2 481
Kazakhstan	773	266	155	290	60	60	60	60	60	60 e
Moldova	335	190	351	443	126	469	497	392	465	570 e
Russia	20 800	20 005	21 852	19 858	21 167	21 824	24 098	23 500	23 000	29 470
Ukraine	1 987	1 951	1 678	1 293	1 700	1 445	1 571	1 203	1 129	1 233
Uzbekistan	736	746	723	643	654	654	646	666	939	885 e
Russia & other CIS + Ukraine	27 437	25 576	27 452	25 217	26 075	26 975	29 543	28 642	28 275	34 985
Canada	5 697	5 565	5 007	5 757	5 634	5 937	5 895	5 675	5 015	5 880 e
Cuba	277	322	256	284	244	221	225	230	185	231
El Salvador	72	118	121	124	100	96	99	102	82	103
Guatemala	334	385	395	403	314	294	300	306	243	307
Mexico	13 084	12 880	13 251	13 240	13 904	15 203	15 319	14 145	13 888	15 526
Trinidad and Tobago	628	616	487	591	36					
United States	52 414	52 641	55 174	49 450	52 587	55 824	58 903	61 171	51 380	59 325 e
North America	72 506	72 526	74 691	69 849	72 820	77 575	80 742	81 628	70 792	81 371
Argentina	2 781	2 654	2 740	2 206	1 787	2 328	2 843	2 529	1 644	2 202
Brazil	8 094	8 570	7 877	6 720	6 810	7 495	7 820	7 272	7 550	8 375
Chile	485	458	382	339	337	364	356	409	357	485
Colombia	957	913	910	970	1 028	1 033	997	1 109	971	1 110 e
Ecuador	425	570	667	720	576	561	583	607	482	612
Peru	981	1 069	1 078	1 082	1 168	1 207	1 217	1 230	731	1 234
Uruguay	78	91	94	97	61	58	60	62	49	63
Venezuela	2 359	2 139	1 485	1 345	553	444	129	51	29	29
South America	16 160	16 465	15 233	13 479	12 321	13 490	14 005	13 269	11 813	14 110

Table 8 (continued)

Production of crude steel in electric furnaces (arc and induction)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Algeria (e)							1 900	2 000	2 500	2 990 e
Angola (e)	100	100	150	150	200	250	275	290	250	275 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 100	6 215	5 970	4 930	4 460	6 300	7 305	7 073	8 110	10 294
Ghana (e)	100	150	200	250	300	350	400	400	400	400 e
Kenya (e)	300	300	300	300	325	350	375	400	385	485 e
Libya	315	712	712	352	492	422	396	606	495	652
Morocco	539	558	501	516	520	550	520	500	320	500 e
Nigeria (e)	500	500	500	500	500	600	650	650	650	650 e
South Africa	3 034	2 890	2 789	2 510	2 322	2 570	2 428	2 822	1 838	2 121
Tanzania (e)	100	100	100	100	130	133	135	140	120	145 e
Tunisia (e)	150	150	150	90	90	80	80	60	60	80 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Zambia (e)	100	100	150	150	160	190	210	220	200	220 e
Africa	11 399	11 835	11 582	9 907	9 558	11 855	14 734	15 221	15 388	18 871
Bahrain (e)							720	700	700	700 e
Iran	12 306	13 409	13 607	13 739	15 712	19 000	22 265	23 075	26 440	25 580 e
Iraq (e)	20	20	100	100	100	200	200	300	300	300 e
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	150	150	150	150	150	150	350	350	350	350 e
Kuwait (e)							1 300	1 270	1 300	1 300 e
Oman (e)	300	500	1 500	2 000	2 000	2 000	2 000	2 000	2 000	2 000 e
Qatar	2 145	2 236	3 019	2 593	2 521	2 644	2 575	2 558	1 218	1 002
Saudi Arabia (1)	5 203	5 471	6 291	5 229	5 461	4 831	8 187	8 191	7 775	8 735
Syria (e)	10	10	5	5	5	5	5	5	5	5 e
United Arab Emirates	2 408	2 878	2 390	3 006	3 149	3 309	3 247	3 327	2 722	2 997
Middle East	22 842	24 974	27 362	27 122	29 398	32 440	41 149	42 075	43 110	43 269
Bangladesh (e)	1 900	1 900	2 800	3 500	3 500	3 500	3 800	5 100	5 500	5 500 e
China	64 796	48 444	54 337	47 457	50 928	80 741	99 038	102 528	97 958	109 290 e
India	52 350	46 391	50 211	50 810	55 253	55 253	60 234	62 678	55 620	65 206
Indonesia	2 254	2 644	2 448	2 134	1 839	2 274	3 174	5 375	9 771	11 700
Japan	24 925	24 915	25 679	24 053	23 262	25 318	26 088	24 301	21 140	24 391
D.P.R. Korea (e)	1 280	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250 e
South Korea	25 955	25 768	24 197	21 171	21 055	23 354	24 183	22 696	20 820	22 391
Malaysia	5 612	4 693	4 316	3 285	2 220	2 815	3 211	2 559	2 020	2 317
Mongolia	35	40	45	45	50	50	50	50	50	36
Myanmar (e)	50	70	100	150	200	250	300	350	350	400 e
Pakistan	1 430	1 680	2 280	2 710	3 553	4 966	4 719	3 304	3 803	5 438
Philippines	1 260	1 308	1 196	968	1 075	1 378	1 475	1 915	892	1 555
Singapore	688	434	540	501	520	593	618	550	419	568
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	9 572	9 799	9 677	8 064	7 782	8 748	9 177	8 367	8 258	9 172
Thailand	3 641	3 613	5 835	5 069	5 400	6 762	6 403	4 246	4 467	5 473
Viet Nam	5 298	4 653	4 385	3 381	4 687	6 310	6 000	4 925	4 800	3 910
Asia	201 075	177 632	189 326	174 579	182 605	223 591	249 751	250 224	237 149	268 625
Australia	1 116	1 045	1 034	1 127	1 276	1 224	1 461	1 470	1 427	1 527
New Zealand	287	289	264	210						
Oceania	1 403	1 334	1 298	1 337	1 276	1 224	1 461	1 470	1 427	1 527
World	452 855	424 248	439 700	409 828	422 460	483 623	529 338	522 329	494 023	562 260

(1) - 2012-17 HADEED only, 2018-21 NCSI.

Table 8 (continued)

Production of crude steel in electric furnaces (arc and induction)

% total crude steel production

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	9.1	8.4	8.8	8.7	9.0	8.9	10.3	9.6	10.0	8.7
Belgium	36.4	33.5	32.4	33.7	30.7	31.4	32.2	27.1	31.8	33.3
Bulgaria	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Croatia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Czechia	7.3	7.1	6.6	6.8	5.6	5.4	5.0	5.3	4.6	3.9
Germany	32.3	31.6	30.4	29.6	29.9	30.0	29.9	30.0	32.3	30.0
Finland	38.8	37.0	33.2	34.2	32.9	32.5	32.6	33.3	31.9	39.7
France	39.1	35.0	34.1	34.4	33.9	31.2	31.6	30.4	32.5	33.2
Greece	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hungary	3.5	15.7	15.5	10.0	18.3	15.7	16.6	19.9	21.8	31.4
Italy	65.8	71.8	72.5	78.2	75.7	80.3	81.5	82.1	84.7	82.0 e
Latvia	100.0	100.0								
Luxembourg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Netherlands	2.0	2.0	1.8	1.5	1.3					
Poland	49.4	44.7	40.8	42.2	43.2	44.8	46.9	45.1	49.9	51.9
Portugal	100.0	100.0	100.0	100.0	100.0	99.0	100.0	100.0	100.0	100.0
Romania	48.3	38.7	41.6	32.8	31.9	30.6	38.3	32.3	26.7	31.6 e
Slovakia	8.6	7.5	7.7	7.1	6.3	7.1	8.0	6.1	4.9	19.7 e
Slovenia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Spain	74.9	70.5	70.5	68.3	66.6	66.6	65.7	68.8	72.4	68.3
Sweden	33.4	32.2	31.8	36.6	35.4	37.5	39.2	33.8	33.0	35.5
European Union (27)	43.0	41.7	40.8	40.9	40.5	41.3	42.4	41.9	43.7	43.7
Albania (e)	100.0	100.0	100.0	100.0	100.0					
Bosnia-Herzegovina		0.1								
Macedonia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Montenegro (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Norway	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Serbia							10.3	9.0	15.0	21.0
Switzerland	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Türkiye	74.0	71.3	69.8	65.0	65.9	69.2	69.1	67.8	69.2	71.6
United Kingdom	21.4	16.4	16.2	17.0	19.4	19.9	22.2	21.2	19.1	18.3
Other Europe	63.8	58.5	56.9	53.2	57.0	60.2	60.5	58.4	60.2	62.8
Azerbaijan (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Belarus	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kazakhstan	21.0	8.1	4.2	7.4	1.4	1.3	1.5	1.5	1.5	1.3 e
Moldova	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Russia	29.6	29.0	30.6	28.9	30.7	30.9	33.4	32.8	32.1	38.3
Ukraine	6.0	6.0	6.2	5.6	7.0	6.7	7.4	5.8	5.5	5.8
Uzbekistan	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Russia & other CIS + Ukraine	24.8	23.6	25.9	25.4	25.9	26.9	29.3	28.5	28.2	32.7
Canada	42.2	44.8	39.3	46.2	44.6	44.9	43.9	44.0	45.6	45.3 e
Cuba	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
El Salvador	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Guatemala	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mexico	72.4	70.6	70.0	72.7	73.9	76.3	75.8	76.9	82.7	84.1
Trinidad and Tobago	100.0	100.0	100.0	100.0	100.0					
United States	59.1	60.6	62.6	62.7	67.0	68.4	68.0	69.7	70.6	69.2 e
North America	59.6	61.0	61.7	63.0	65.8	67.2	66.8	68.2	70.1	69.0
Argentina	55.7	51.2	49.9	43.9	43.3	50.4	55.1	54.5	45.0	45.2
Brazil	23.4	25.1	23.2	20.2	21.5	21.6	22.1	22.3	24.0	23.2
Chile	29.0	34.6	35.4	30.5	29.3	31.4	31.1	36.1	30.8	36.8
Colombia	73.5	73.9	75.4	80.1	80.8	82.5	81.8	83.2	84.5	82.9 e
Ecuador	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Peru	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Uruguay	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Venezuela	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
South America	34.8	35.9	33.8	30.7	30.4	30.6	31.2	31.9	30.5	31.0

Table 8 (continued)

Production of crude steel in electric furnaces (arc and induction)

% total crude steel production

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Algeria (e)							82.6	83.3	83.3	85.6 e
Angola (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
D.R. Congo (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Egypt	92.0	92.0	92.1	89.5	88.6	91.7	93.6	97.5	98.6	100.0
Ghana (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Kenya (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Libya	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Morocco	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Nigeria (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
South Africa	43.7	40.4	43.5	39.1	37.8	40.8	38.4	45.9	47.4	42.3
Tanzania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Tunisia (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Uganda (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Zambia (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Africa	69.5	69.3	71.8	65.8	65.4	71.5	75.4	79.5	85.3	84.7
Bahrain (e)								100.0	100.0	100.0 e
Iran	85.1	86.9	83.3	85.1	87.8	89.5	90.8	90.1	91.2	90.3 e
Iraq (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Israel (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Jordan (e)	75.0	75.0	60.0	50.0	45.5	45.5	100.0	100.0	100.0	100.0 e
Kuwait (e)								100.0	100.0	100.0 e
Oman (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Qatar	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Saudi Arabia (1)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Syria (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
United Arab Emirates	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Middle East	91.2	92.4	90.6	91.4	92.6	93.1	94.8	94.3	94.4	94.0
Bangladesh (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
China	8.9	5.9	6.6	5.9	6.3	9.3	10.7	10.3	9.2	10.6 e
India	67.8	57.1	57.5	57.1	57.9	54.5	55.1	56.3	55.5	55.2
Indonesia	100.0	100.0	56.3	44.0	38.7	43.8	51.3	62.8	75.9	78.9
Japan	23.2	22.5	23.2	22.9	22.2	24.2	25.0	24.5	25.4	25.3
D.P.R. Korea (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
South Korea	37.6	39.0	33.8	30.4	30.7	32.9	33.4	31.8	31.0	31.8
Malaysia	100.0	100.0	100.0	86.8	80.3	87.6	78.2	36.8	30.5	25.5
Mongolia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Myanmar (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Pakistan	87.7	91.1	94.1	93.7	100.0	100.0	100.0	100.0	100.0	100.0
Philippines	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sri Lanka (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Taiwan, China	46.3	44.0	41.7	37.7	35.8	39.0	39.5	38.1	39.4	39.5
Thailand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Viet Nam	100.0	85.0	75.0	59.9	60.0	55.0	38.8	28.2	24.1	17.0
Asia	19.5	15.8	16.6	15.6	16.2	18.5	19.5	18.5	17.0	19.1
Australia	22.8	22.3	22.4	22.9	24.3	23.0	25.7	26.8	26.0	26.4
New Zealand	31.4	32.1	30.8	26.5						
Oceania	24.2	23.9	23.8	23.4	21.9	20.5	23.0	23.9	23.5	23.8
World	29.0	25.7	26.2	25.2	25.9	27.8	28.9	27.8	26.3	28.7

(1) - 2012-17 HADEED only, 2018-21 NCSI.

Table 9

Production of crude steel in other processes

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Russia	3 610	2 744	1 981	1 594	1 260	1 690	1 477	1 360	1 400	1 510
Ukraine	7 035	6 536	5 563	5 181	5 570	4 575	4 826	4 806	3 911	3 889
Russia & other CIS + Ukraine	10 645	9 281	7 543	6 775	6 830	6 265	6 303	6 166	5 311	5 399
Brazil	468	538	513	523	502	488	511	533	448	443
South America	468	538	513	523	502	488	511	533	448	443
Mauritania (e)	5	5	5	5	5	5	5	5	5	5 e
South America	5	5	5	5	5	5	5	5	5	5
India	250	135	35							
Viet Nam		321	585	857	781	1 147	1 271	2 798	2 900	4 478
Asia	250	455	620	857	781	1 147	1 271	2 798	2 900	4 478
World	11 368	10 279	8 681	8 160	8 118	7 905	8 091	9 502	8 664	10 325

Table 9 (continued)

	% total crude steel production									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Russia	5.1	4.0	2.8	2.3	1.8	2.4	2.0	1.9	2.0	2.0
Ukraine	21.3	19.9	20.5	22.6	23.0	21.4	22.9	23.1	19.0	18.2
Russia & other CIS + Ukraine	9.6	8.6	7.1	6.8	6.8	6.3	6.2	6.1	5.3	5.0
Brazil	1.4	1.6	1.5	1.6	1.6	1.4	1.4	1.6	1.4	1.2
South America	1.0	1.2	1.1	1.2	1.2	1.1	1.1	1.3	1.2	1.0
Mauritania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	0.3	0.2	0.0							
Viet Nam		5.9	10.0	15.2	10.0	10.0	8.2	16.0	14.6	19.5
Asia	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3
World	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5

Table 10

Monthly crude steel production

Year: 2021

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	643	637	707	628	716	666	668	670	571	662	665	650	7 884
Belgium	448	367	475	654	601	630	697	677	588	676	508	587	6 909
Bulgaria	45	50	50	40	50	50	50	51	54	38	35	36	548
Croatia	7	7	22	20	23	21	18	5	8	19	27	17	185
Czechia	458	395	451	420	461	441	444	372	296	329	409	340	4 817
Finland	354	329	386	384	388	386	342	351	313	392	356	359	4 340
France	1 198	1 124	1 286	1 197	1 198	1 294	1 196	983	1 154	1 170	1 150	999	13 947
Germany	3 321	3 111	3 789	3 377	3 678	3 434	3 034	2 941	3 361	3 670	3 372	3 154	40 241
Greece	131	128	129	116	126	132	146	53	141	149	138	109	1 498
Hungary	74	75	82	76	85	98	112	96	99	105	110	89	1 100
Italy	1 894	2 086	2 313	2 057	2 211	2 187	2 204	1 267	2 305	2 220	2 185	1 498	24 426
Luxembourg	171	182	193	180	169	178	186	147	186	184	185	112	2 073
Netherlands	607	514	607	516	641	489	524	620	463	600	553	487	6 620
Poland	688	663	754	736	786	697	683	713	710	754	582	688	8 454
Slovenia	56	54	65	59	62	54	54	54	55	59	57	34	662
Spain	1 052	1 088	1 319	1 306	1 351	1 312	1 094	1 109	1 250	1 282	1 163	858	14 185
Sweden	428	388	446	425	412	414	264	234	420	439	404	404	4 678
Other E.U. (27) (e)	775	783	910	831	930	923	841	845	890	934	870	659	10 191
European Union (27)	12 344	11 983	13 982	13 022	13 887	13 405	12 554	11 188	12 861	13 683	12 770	11 080	152 759
Bosnia-Herzegovina	74	67	79	74	65	60	60	60	60	60	60	60	775
Macedonia	27	23	27	27	26	21	25	20	25	33	28	35	315
Norway	41	50	62	54	53	61	18	55	57	61	58	53	622
Serbia	132	119	137	121	123	129	121	177	157	154	162	135	1 667
Turkiye	3 429	3 051	3 423	3 316	3 261	3 381	3 385	3 527	3 329	3 490	3 442	3 325	40 360
United Kingdom	604	577	635	621	672	611	570	564	580	623	572	591	7 222
Other Europe	4 306	3 888	4 362	4 212	4 199	4 263	4 180	4 403	4 208	4 422	4 322	4 200	50 962
Belarus	209	203	227	234	223	224	233	239	211	165	159	154	2 481
Kazakhstan	342	328	374	360	419	328	445	373	411	340	391	387	4 499
Moldova	34	49	51	53	54	50	52	62	58	5	50	42	570
Russia	6 573	6 108	6 763	6 518	6 653	6 637	6 475	6 241	6 105	6 590	6 159	6 198	77 020
Ukraine	1 839	1 675	1 777	1 845	1 851	1 870	1 875	1 858	1 704	1 599	1 730	1 743	21 366
Uzbekistan	75	73	77	75	78	76	75	73	70	73	70	70	885
Russia & other CIS + Ukraine	9 072	8 435	9 269	9 085	9 279	9 184	9 156	8 847	8 558	8 771	8 559	8 595	106 821

Note: annual totals may include revisions not shown in the months.

Table 10 (continued)

Monthly crude steel production

Year: 2021

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Canada	1 148	1 052	1 131	1 135	1 230	971	1 061	1 081	1 062	1 074	898	1 133	12 976
Cuba	19	18	17	18	18	17	19	21	21	20	23	22	231
El Salvador	9	9	8	8	8	7	10	9	10	9	10	9	103
Guatemala	26	25	24	24	24	24	26	26	27	26	27	26	307
Mexico	1 559	1 250	1 673	1 623	1 698	1 657	1 542	1 503	1 546	1 480	1 422	1 500	18 454
United States	6 974	6 316	7 104	7 130	7 369	7 171	7 480	7 521	7 151	7 378	7 095	7 103	85 791
North America	9 739	8 669	9 956	9 939	10 347	9 847	10 138	10 160	9 817	9 986	9 475	9 793	117 862
Argentina	371	331	423	346	391	400	430	423	432	448	451	428	4 875
Brazil	3 023	2 867	2 802	3 037	3 125	3 069	3 091	3 203	3 108	2 968	3 134	2 644	36 071
Chile	104	103	114	108	115	110	107	119	88	120	126	103	1 318
Colombia	108	102	129	118	76	97	124	118	126	130	112	99	1 338
Ecuador	51	52	50	49	51	50	53	53	52	47	51	50	612
Paraguay	2	1	1	1	1	2	2	3	3	3	4	3	26
Peru	101	90	107	97	109	110	104	122	102	101	103	89	1 234
Uruguay	7	3	4	5	4	5	5	5	5	5	7	5	63
Venezuela	2	2	2	2	2	2	2	3	3	3	3	3	29
South America	3 768	3 552	3 632	3 765	3 874	3 845	3 920	4 051	3 919	3 826	3 990	3 424	45 566
Egypt	759	766	1 010	819	808	930	753	878	863	871	965	872	10 294
Libya	74	72	72	65	55	60	60	60	40	69	68	76	652
South Africa	343 e	395 e	412 e	409 e	482 e	480 e	475 e	405 e	479 e	425 e	434 e	282 e	5 020
Africa	1 176	1 233	1 495	1 293	1 345	1 470	1 227	1 283	1 382	1 365	1 467	1 229	15 965
Iran	2 336	2 362	2 528	2 805	2 800	2 469	1 501	1 253	2 166	2 775	2 760	2 565	28 320
Qatar	89	77	90	85	91	86	93	90	86	48	84	82	1 002
Saudi Arabia	657	673	786	761	739	738	738	788	859	733	472	791	8 735
United Arab Emirates	275	228	254	259	272	247	241	267	185	223	266	279	2 997
Middle East	3 357	3 340	3 658	3 910	3 901	3 541	2 573	2 399	3 296	3 780	3 582	3 717	41 054
China	92 218	83 293	94 338	97 869	100 114	93 826	86 998	83 453	73 937	71 856	69 313	86 190	1 032 790
India	10 299	9 349	10 480	9 551	9 057	9 377	9 756	10 086	9 703	10 178	9 877	10 488	118 201
Japan	7 925	7 471	8 316	7 819	8 420	8 109	8 006	7 925	8 144	8 224	8 042	7 935	96 336
South Korea	6 043	5 489	6 062	5 753	5 880	5 971	6 124	6 104	5 441	5 782	5 834	5 935	70 418
Pakistan	437	410	443	422	360	431	387	421	576	410	581	560	5 438
Taiwan, China	1 997	1 672	2 008	1 879	2 039	1 897	1 903	1 944	1 871	2 020	1 977	2 025	23 233
Thailand	486	450	485	457	469	467	423	460	468	472	482	354	5 473
Viet Nam	2 053	1 788	2 155	2 125	2 105	1 971	1 947	1 889	1 762	1 888	1 906	1 430	23 019
Asia	121 457	109 923	124 285	125 875	128 444	122 051	115 547	112 281	101 901	100 830	98 013	114 918	1 374 909
Australia	477	463	461	489	507	484	484	486	448	534	474	474	5 780
New Zealand	61	50	46	53	60	53	62	54	60	48	48	52	646
Oceania	537	513	507	542	567	536	546	540	508	582	522	526	6 425
Total 64 countries *	165 753	151 536	171 146	171 642	175 844	168 142	159 841	155 151	146 449	147 245	142 699	157 482	1 912 323

* - Approximately 97.6% of total world production.

Note: annual totals may include revisions not shown in the months.

Table 11

Production of hot rolled products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	6 900	7 377	7 148	7 601	7 594	7 999	7 495	7 244	6 197	7 036
Belgium	8 917	8 293	8 392	8 938	8 735	9 292	9 718	9 548	8 110	8 260
Bulgaria	818	875	935	840	921	911	1 131	968	931	1 050
Croatia	15	16	17	16	17	15	13	12	10	10
Czechia	4 276	4 416	4 375	4 459	4 657	4 053	4 458	4 003	4 118	4 381
Germany	37 843	37 687	37 713	37 562	37 602	38 752	37 855	35 377	31 679	34 760
France	14 101	15 266	15 965	15 336	14 653	15 368	14 997	13 701	11 111	13 131
Hungary	1 928	1 936	1 823	1 714	1 593	1 972	2 086	1 861	1 467	1 031
Italy	26 928	24 079	23 723	22 403	23 953	24 299	24 799	24 206	21 023	24 731
Luxembourg	2 136	2 015	2 124	2 034	2 056	2 055	2 166	2 021	1 816	1 977
Netherlands	6 434	6 380	6 668	6 825	6 477	6 601	6 984	6 272	5 830	6 342
Poland	7 789	7 514	7 650	7 953	8 229	9 039	9 105	8 034	7 344	8 170
Spain	13 420	13 174	13 799	13 999	13 375	13 948	14 010	13 375	11 045	13 581
European Union (27) (1)	150 202	146 804	148 683	146 523	147 162	151 809	152 559	142 798	126 364	143 629
Bosnia-Herzegovina	565	592	605	650	690	690	685	704	690	721
Serbia	140	110	290	720	1 050	1 310	1 690	1 690	1 320	1 580 e
Türkiye	34 286	36 405	36 093	36 939	36 882	39 154	38 696	33 721	36 815	41 359
United Kingdom	7 054	8 053	8 148	7 988	6 680	6 330	6 529	6 496	6 233	6 630 e
Other Europe	42 045	45 160	45 136	46 296	45 301	47 484	47 600	42 610	45 059	50 290
Belarus	1 898	1 818	1 855	1 878	1 878	1 891	2 009	1 962	1 731	2 190 e
Kazakhstan	2 689	2 803	3 173	3 474	3 669	4 261	3 818	3 306	3 740	3 650 e
Moldova	360	180	333	421	120	446	472	400	450	540 e
Russia	46 653	46 966	48 653	48 106	48 079	48 640	49 201	49 930	50 181	55 700 e
Ukraine	18 577	17 594	14 942	12 370	13 147	12 781	13 052	12 686	10 688	13 670 e
Uzbekistan	725	735	785	850	860	990	1 070	1 120	1 300	1 290 e
Russia & other CIS + Ukraine	70 902	70 096	69 741	67 099	67 753	69 009	69 622	69 404	68 090	77 040
Canada	12 321	12 192	11 984	11 954	11 977	11 860	13 718	14 500	11 140	13 370 e
Costa Rica	372	447	460	474	382	378	393	409	290	412
Cuba	126	150	105	126	130	114	117	119	88	119
Dominican Republic	395	406	516	425	481	471	523	580	442	593
El Salvador	78	81	83	85	97	90	92	95	73	96
Guatemala	449	557	574	591	474	454	463	473	367	475
Mexico	16 269	16 357	17 742	17 573	18 697	18 694	18 872	17 292	15 815	17 652
Trinidad and Tobago	398	297	300	413	25					
United States	87 043	86 567	89 130	78 514	78 502	82 466	86 436	87 251	73 482	85 928
North America	117 452	117 053	120 894	110 156	110 764	114 527	120 614	120 719	101 696	118 645
Argentina	4 952	5 144	5 021	4 572	3 984	4 595	4 763	4 265	3 469	4 768
Brazil	25 696	31 896	31 908	31 788	30 555	32 670	33 613	31 305	29 657	34 625
Chile	1 594	1 289	1 017	1 035	1 081	1 062	1 122	1 117	1 069	1 248
Colombia	1 726	1 651	1 795	1 860	1 772	1 895	1 647	1 689	1 425	1 845
Ecuador	559	691	707	761	696	710	738	768	584	774
Paraguay	22	23	23	24	19	21	22	23	15	23
Peru	1 205	1 358	1 434	1 335	1 417	1 517	1 430	1 471	850	1 467
Uruguay	74	76	79	81	75	66	68	70	53	71
Venezuela	2 065	1 948	1 357	1 261	530	404	131	114	85	84
South America	37 893	44 075	43 341	42 717	40 129	42 941	43 536	40 822	37 206	44 904

(1) - includes data not shown above.

Table 11 (continued)

Production of hot rolled products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Egypt	7 265	7 438	8 137	7 676	8 001	8 059	9 598	8 422	8 253	9 817
South Africa (e)	5 400	5 800	5 583	5 700	5 450	5 600	5 650	4 000	3 480	4 540 e
Africa	12 665	13 238	13 720	13 376	13 451	13 659	15 248	12 422	11 733	14 357
Iran	17 261	16 656	16 482	15 133	15 473	15 920	17 212	18 430	19 790	19 926
Qatar	1 650	1 696	1 709	1 784	1 894	1 745	1 847	1 862	969	855
United Arab Emirates	2 156	2 549	2 765	2 959	3 126	3 246	3 167	3 029	2 275	2 486
Middle East	21 066	20 901	20 956	19 876	20 494	20 910	22 225	23 321	23 034	23 267
China (2)	950 641	1 086 926	1 125 131	1 034 684	1 048 135	1 046 421	1 132 873	1 204 569	1 328 698	1 336 670
China (3)	760 101	859 521	872 637	849 485	813 956	796 157	877 314	951 549	1 037 827	1 043 000 e
India (4)	80 198	85 277	92 470	89 927	99 312	119 892	100 574	104 062	92 231	111 953
Indonesia	5 418	5 116	6 475	6 168	6 552	7 866	10 045	10 939	13 141	14 238
Japan	94 807	96 965	97 882	93 020	92 636	92 441	92 440	87 714	73 765	84 424
South Korea	66 317	64 541	68 905	67 756	67 131	69 557	69 785	68 273	65 752	69 133
Malaysia	4 954	4 980	4 759	4 226	3 782	3 772	3 801	5 304	5 662	7 669
Philippines	2 653	3 020	3 273	4 013	4 346	4 300	4 864	4 727	3 658	4 118
Singapore	705	429	540	501	528	596	584	546	434	572
Taiwan, China	24 277	24 219	25 472	25 019	26 639	27 664	28 513	26 532	26 552	28 612
Thailand	6 721	7 070	8 710	3 841	9 542	9 318	9 032	7 799	7 156	7 665
Viet Nam	5 049	5 123	5 657	7 199	8 657	11 302	14 532	15 401	16 419	19 508
Asia	1 051 200	1 156 262	1 186 779	1 151 154	1 133 082	1 142 865	1 211 483	1 282 845	1 342 595	1 390 892
Australia	5 381	4 400	4 092	4 307	4 693	4 606	5 146	4 961	4 915	4 848
Oceania	5 381	4 400	4 092	4 307	4 693	4 606	5 146	4 961	4 915	4 848
World	1 508 807	1 617 989	1 653 342	1 601 503	1 582 828	1 607 809	1 688 033	1 739 901	1 760 692	1 867 874

(2) - rolled steel products, not included in totals.

(3) - total hot rolled steel products derived from the sum of individual products.

(4) - finished steel products for sale to 2018.

Table 12

Production of hot rolled long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	1 406	1 487	1 410	1 596	1 552	1 614	1 617	1 482	1 334	1 549
Belgium	872	796	792	798	594	665	732	557	466	643
Bulgaria	543	681	662	627	739	647	858	726	731	804
Croatia	15	16	17	16	17	15	13	12	10	10
Czechia	2 964	3 064	3 064	3 164	3 264	2 920	3 141	2 897	2 837	3 055
Germany	12 825	12 783	12 414	12 724	12 382	12 967	12 636	11 830	10 670	11 470 e
France	4 307	4 447	4 616	4 426	4 133	4 102	4 024	3 668	3 111	3 904
Hungary	48	133	167	134	223	285	316	333	318	320
Italy	11 815	11 454	11 311	11 194	11 649	11 916	12 403	12 354	11 166	13 673
Luxembourg	2 136	2 015	2 124	2 034	2 056	2 055	2 166	2 021	1 816	1 977
Netherlands	165	170	178	163	165	169	168	128	133	155
Poland	4 689	4 457	4 708	4 943	5 254	5 462	5 428	5 174	4 898	5 450
Spain	9 365	8 613	8 924	9 052	8 742	8 789	8 904	8 789	7 548	8 895
European Union (27) (1)	57 083	54 643	54 923	55 292	55 233	56 081	57 065	54 128	48 944	56 220
Bosnia-Herzegovina	565	592	605	650	690	690	685	704	690	721
Türkiye	25 247	26 536	25 717	26 550	26 012	26 193	25 134	20 233	22 959	26 730
United Kingdom	3 000	3 040	3 096	3 270	2 937	2 523	2 743	2 785	2 627	2 790 e
Other Europe	28 812	30 168	29 419	30 470	29 639	29 407	28 561	23 722	26 277	30 241
Belarus	1 774	1 689	1 734	1 766	1 794	1 752	1 873	1 847	1 651	2 110 e
Kazakhstan	290	352	558	750	670	843	823	908	928	910 e
Moldova	360	180	333	421	120	446	472	400	450	540 e
Russia	17 435	17 725	18 387	17 106	17 567	17 285	17 642	18 666	19 136	21 200 e
Ukraine	8 204	7 953	6 449	5 640	5 918	5 529	5 301	5 209	3 758	4 810 e
Uzbekistan	725	735	785	850	860	990	1 070	1 120	1 300	1 290 e
Russia & other CIS + Ukraine	28 787	28 634	28 246	26 533	26 929	26 845	27 181	28 150	27 223	30 860
Canada	2 870	2 463	1 808	2 864	2 988	2 771	3 111	3 300	2 770	3 300 e
Costa Rica	372	447	460	474	382	378	393	409	290	412
Cuba	126	150	105	126	130	114	117	119	88	119
Dominican Republic	395	406	516	425	436	417	462	513	391	524
El Salvador	78	81	83	85	97	90	92	95	73	96
Guatemala	449	557	574	591	474	454	463	473	367	475
Mexico	7 763	7 745	8 084	8 301	8 742	8 731	8 697	8 377	8 593	9 002
Trinidad and Tobago	398	297	300	413	25					
United States	23 306	23 188	24 150	21 489	20 978	21 391	23 955	26 142	20 300	25 963
North America	35 757	35 334	36 079	34 769	34 251	34 347	37 290	39 428	32 870	39 892
Argentina	1 755	1 841	1 725	1 656	1 333	1 601	1 804	1 600	1 228	1 708
Brazil	10 207	11 639	10 514	10 030	9 996	9 808	9 988	9 675	9 503	11 296
Chile	1 186	1 100	1 017	1 035	1 081	1 062	1 122	1 117	1 069	1 248
Colombia	1 291	1 297	1 394	1 420	1 326	1 414	1 248	1 335	1 159	1 535
Ecuador	559	691	707	761	696	710	738	768	584	774
Paraguay	22	23	23	24	19	21	22	23	15	23
Peru	1 152	1 304	1 393	1 291	1 360	1 462	1 373	1 415	818	1 412
Uruguay	74	76	79	81	75	66	68	70	53	71
Venezuela	1 108	1 030	726	504	305	158	128	114	85	84
South America	17 353	19 001	17 579	16 803	16 190	16 302	16 492	16 118	14 513	18 151
Egypt	6 229	6 372	7 288	6 986	6 975	6 882	8 161	7 258	6 893	7 753
South Africa (e)	2 200	2 300	2 200	2 300	2 200	2 250	2 250	1 600	1 390	1 810 e
Africa	8 429	8 672	9 488	9 286	9 175	9 132	10 411	8 858	8 283	9 563

(1) - includes data not shown above.

Table 12 (continued)

Production of hot rolled long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Iran	8 785	8 406	8 206	7 261	7 662	8 104	9 162	10 269	11 221	11 338
Qatar	1 650	1 696	1 709	1 784	1 894	1 745	1 847	1 862	969	855
United Arab Emirates	2 156	2 549	2 765	2 959	3 126	3 246	3 167	3 029	2 275	2 486
Middle East	12 591	12 652	12 680	12 003	12 682	13 095	14 176	15 160	14 465	14 679
China	458 400	517 973	523 880	498 648	457 407	449 114	511 464	556 584	602 400	... e
India (2)	35 179	38 255	43 581	44 330	46 204	47 298	52 530	54 482	45 467	59 442
Indonesia	2 716	2 718	2 885	3 196	3 031	3 592	4 672	5 082	6 372	6 594
Japan	28 924	30 301	30 428	28 842	28 243	29 023	29 317	27 447	23 087	26 412
South Korea	19 767	20 060	20 318	20 228	20 383	21 644	21 803	20 546	20 111	21 816
Malaysia	3 769	3 730	3 892	3 340	3 484	3 565	3 596	5 071	5 540	7 531
Philippines	2 653	3 020	3 273	4 013	4 346	4 300	4 864	4 727	3 658	4 118
Singapore	705	429	540	501	528	596	584	546	434	572
Taiwan, China	10 535	10 628	11 157	10 347	9 754	9 611	10 321	9 806	10 324	11 401
Thailand	3 763	4 093	5 585	1 133	6 593	6 101	5 658	5 043	4 555	4 690
Viet Nam	5 049	5 123	5 657	7 199	8 657	9 924	11 093	11 271	11 966	12 368
Asia	571 460	636 329	651 195	621 778	588 631	584 768	655 903	700 604	733 914	154 943
Australia	2 017	1 850	1 679	1 679	1 954	1 603	2 069	1 978	1 964	1 733
Oceania	2 017	1 850	1 679	1 679	1 954	1 603	2 069	1 978	1 964	1 733
World	762 288	827 283	841 288	808 613	774 685	771 579	849 149	888 147	911 080	359 073

(2) - finished long products for sale to 2018.

Table 13

Production of hot rolled flat products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	5 026	5 422	5 270	5 623	5 680	5 888	5 383	5 272	4 862	5 487
Belgium	8 044	7 498	7 600	8 140	8 141	8 626	8 986	8 991	7 644	7 618
Bulgaria	275	194	273	213	182	264	273	242	200	246
Czechia	945	996	914	985	1 118	870	1 016	879	1 044	1 072
Germany	23 670	23 598	24 035	23 827	24 175	24 572	23 948	22 460	20 250	23 290 e
France	9 222	10 269	10 848	10 568	10 186	11 001	10 714	9 760	7 817	9 226
Hungary	1 880	1 803	1 656	1 580	1 370	1 687	1 770	1 528	1 149	711
Italy	14 494	12 099	11 839	10 828	11 863	11 873	11 828	11 288	9 457	11 058
Netherlands	6 253	6 200	6 478	6 651	6 300	6 421	6 803	6 129	5 688	6 186
Poland	2 929	2 908	2 805	2 888	2 859	3 448	3 541	2 755	2 346	2 601
Spain	3 801	4 341	4 605	4 728	4 438	4 800	4 873	4 391	3 352	4 686
European Union (27) (1)	88 538	87 822	89 328	87 746	88 538	91 747	91 481	85 082	74 720	84 480
Türkiye	9 039	9 869	10 376	10 389	10 869	12 961	13 562	13 488	13 856	14 629
United Kingdom	4 054	5 013	5 052	4 718	3 743	3 806	3 787	3 711	3 606	3 840 e
Other Europe	13 093	14 882	15 428	15 107	14 612	16 767	17 349	17 198	17 462	18 469
Kazakhstan	2 299	2 295	2 439	2 541	2 806	3 159	2 705	2 103	2 604	2 540 e
Russia	26 066	26 140	26 898	27 590	27 274	27 763	27 876	27 756	28 006	31 120 e
Ukraine	9 486	8 929	7 868	6 314	6 845	6 716	7 154	6 950	6 530	8 420 e
Russia & Other CIS + Ukraine	37 851	37 364	37 205	36 445	36 925	37 638	37 735	36 809	37 140	42 080
Canada	8 901	9 078	9 882	8 983	8 935	8 996	10 507	11 100	8 270	9 970 e
Mexico	7 617	7 627	8 594	8 533	9 154	9 023	9 200	8 083	6 639	7 743
United States	60 614	60 119	61 447	55 259	55 859	58 389	59 673	58 768	51 803	59 552
North America	77 133	76 825	79 923	72 775	73 948	76 408	79 381	77 952	66 711	77 265
Argentina	2 349	2 611	2 546	2 370	2 274	2 374	2 271	2 033	1 974	2 514
Brazil	14 897	19 627	20 737	21 370	20 168	22 306	23 018	20 975	19 655	23 329
Chile	408	189	0							
Colombia	435	354	401	440	447	482	399	354	266	309
Peru	53	54	40	44	57	55	57	56	32	56
Venezuela	957	918	630	756	225	246	3	...	...	...
South America	19 099	23 753	24 355	24 981	23 171	25 462	25 749	23 417	21 927	26 207
Egypt	1 036	1 066	849	689	1 026	1 177	1 436	1 163	1 360	2 064
South Africa (e)	3 200	3 500	3 380	3 400	3 250	3 350	3 400	2 400	2 090	2 730 e
Africa	4 236	4 566	4 229	4 089	4 276	4 527	4 836	3 563	3 450	4 794
Iran	8 476	8 250	8 276	7 872	7 811	7 815	8 050	8 161	8 569	8 588
Middle East	8 476	8 250	8 276	7 872	7 811	7 815	8 050	8 161	8 569	8 588
China	277 619	311 564	317 387	322 260	329 796	325 971	341 021	366 981	407 550	... e
India (2)	39 676	47 023	48 889	45 596	53 109	72 594	44 337	49 580	46 764	52 510
Indonesia	2 701	2 398	3 590	2 972	3 521	4 274	5 339	5 807	6 545	7 398
Japan	63 759	64 638	65 395	62 690	62 984	61 858	61 450	58 679	49 566	56 861
South Korea	46 551	44 482	48 587	47 528	46 748	47 914	47 982	47 727	45 641	47 318
Malaysia	1 185	1 250	867	887	297	207	205	233	122	138
Taiwan, China	13 742	13 591	14 315	14 671	16 884	18 052	18 193	16 726	16 227	17 211
Thailand	2 958	2 978	3 124	2 708	2 949	3 216	3 374	2 756	2 601	2 975
Viet Nam	...	...	...	...	...	1 378	3 439	4 130	4 453	7 140
Asia	448 192	487 922	502 154	499 312	516 288	535 465	525 339	552 618	579 469	191 552
Australia	3 364	2 549	2 413	2 628	2 739	3 003	3 077	2 982	2 951	3 115
Oceania	3 364	2 549	2 413	2 628	2 739	3 003	3 077	2 982	2 951	3 115
World	699 983	743 934	763 311	750 955	768 308	798 833	792 996	807 783	812 399	456 549

(1) - includes data not shown above.

Table 14

Production of railway track material

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	541	541	502	606	552	543	559	536	537	576
Czechia	287	290	314	306	240	202	284	268	251	251
Germany	264	268	7	11	8	6	6	11	...	...
France	256	290	338	373	330	319	295	288	212	283
Luxembourg	44	44	47	48	50	51	45	50	41	66
Poland	158	171	309	357	349	379	397	319	324	338
Spain	178	217	276	290	180	228	252	272	256	251
European Union (27) (1)	1 986	2 083	1 990	2 185	1 869	1 835	1 934	2 093	1 841	1 903
United Kingdom	176	214	245	279	195	153	170	...	...	...
Other Europe	176	214	245	279	195	153	170	...	...	...
Russia	693	882	858	789	1 237	1 289	1 203	1 256	1 292	...
Ukraine	349	315	109	41	73	80	74	51	75	...
Russia & other CIS + Ukraine	1 042	1 197	967	830	1 310	1 369	1 277	1 307	1 367	...
Canada	399	...	...	...	...	...	...	...	...	...
United States	1 010	1 087	1 178	1 171	851	993	1 074	1 173	1 016	1 105
North America	1 409	1 087	1 178	1 171	851	993	1 074	1 173	1 016	1 105
China	5 161	6 053	5 654	4 838	4 576	4 775	4 865	5 199	4 617	...
India	993	891	850	874	1 021	1 257	1 379	1 773	1 623	1 345
Japan	527	617	837	813	761	647	646	714	516	475
South Korea	66	67	65	70	72	65	52	74	86	48
Taiwan, China	6	5	5	4	3	4	4	3	6	5
Asia	6 753	7 633	7 412	6 599	6 433	6 747	6 945	7 764	6 848	1 872
Australia	166	108	89	89	89	...	100	80	90	...
Oceania	166	108	89	89	89	...	100	80	90	...
World	11 530	12 322	11 880	11 153	10 746	11 096	11 500	12 418	11 161	4 880

(1) - includes data not shown above.

Table 15

Production of heavy sections (≥80mm)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Czechia	283	275	330	341	368	292	303	288	263	336
Germany	2 332	2 115	2 087	1 998	1 939	1 966	2 022	1 875	...	...
Italy	883	836	796	705	786	708	742	696	598	764
Luxembourg	2 007	1 882	1 984	1 909	1 932	1 895	2 000	1 903	1 706	1 849
Poland	1 431	1 243	1 250	1 267	1 360	1 384	1 421	1 306	1 205	1 232
Spain	2 605	2 477	2 272	2 556	2 626	2 753	2 729	2 661	2 311	2 718
European Union (27) (1)	9 731	9 004	8 985	9 063	9 358	9 380	9 398	9 561	7 866	8 866
United Kingdom	451	487	546	676	852	736	752	...	...	...
Other Europe	451	487	546	676	852	736	752	...	...	...
Kazakhstan	...	...	...	...	...	6	8	14	8	...
Russia	1 774	1 693	1 739	1 601	1 589	1 522	1 463	1 662	1 669	...
Ukraine	944	983	731	605	596	521	569	489	333	...
Russia & other CIS + Ukraine	2 718	2 676	2 470	2 206	2 185	2 049	2 040	2 165	2 010	...
Canada	199	263	183	192	207	205	...	...	...	...
Mexico	465	455	583	652	866	872	905	841	844	1 019
United States	5 031	5 577	5 571	5 299	5 717	5 434	6 079	6 238	5 306	6 600
North America	5 695	6 295	6 337	6 143	6 790	6 511	6 984	7 078	6 150	7 619
Argentina	53	50	49	113	...	...	...	...	...	...
Brazil	788	819	715	635	...	...	...	...	...	...
Colombia	1	3	2	1	...	...	...	...	...	...
Peru	4	3	...	3	...	...	...	...	...	...
Venezuela	71	69	45	...	...	...	...	...	...	...
South America	917	944	811	753	...	...	...	...	...	...
Iran	2 087	1 948	1 788	1 286	974	966	1 078	1 144	1 265	1 188
Middle East	2 087	1 948	1 788	1 286	974	966	1 078	1 144	1 265	1 188
China	11 630	13 242	13 495	14 357	15 494	14 003	13 953	15 869	18 557	...
India	5 091	6 604	7 157	7 558	7 818	7 470	8 312	7 707	6 488	7 388
Japan	5 771	6 265	6 073	5 782	5 643	5 760	5 875	5 387	4 905	5 087
South Korea	4 380	4 248	4 218	4 140	4 045	4 165	4 320	4 191	3 992	3 875
Asia	26 872	30 359	30 943	31 837	33 000	31 399	32 460	33 154	33 942	16 350
World	48 472	51 713	51 880	51 964	53 159	51 039	52 712	53 102	51 232	34 023

(1) - includes data not shown above.

Table 16

Production of light sections (<80mm)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Czechia	132	143	148	159	133	91	121	93	68	77
Germany	120	122	127	130	110	100	...	...	...	...
European Union (27)	252	265	275	289	243	191	121	93	68	77
Kazakhstan	4	20	...	...	...	5	8	14	8	...
Russia	1 601	1 550	1 484	1 172	1 207	1 239	1 300	1 278	1 183	...
Ukraine	1 022	778	560	500	435	470	268	205	171	...
Russia & other CIS + Ukraine	2 626	2 348	2 044	1 672	1 642	1 714	1 576	1 497	1 362	...
Canada	144	121	131	129	144	136	...	...	...	...
Mexico	333	393	412	498	456	511	413	493	454	557
United States	2 125	1 765	1 870	1 767	1 835	1 815	1 820	2 057	1 411	1 709
North America	2 602	2 279	2 414	2 395	2 435	2 462	2 232	2 549	1 865	2 266
Argentina	180	191	184	144	...	...	...	...	...	...
Brazil	421	402	412	340	...	...	...	...	...	...
Chile	81	...	70	71	...	...	...	...	...	...
Colombia	89	72	85	74	...	...	...	...	...	...
Ecuador	43	53	54	58	...	...	...	...	...	...
Peru	81	100	85	99	...	...	...	...	...	...
Uruguay	3	...	...	...	...	...	...	...	...	...
Venezuela	37	36	27	...	...	...	...	...	...	...
South America	935	854	917	786	...	...	...	...	...	...
Iran	864	664	663	664	345	787	779	801	732	827
Middle East	864	664	663	664	345	787	779	801	732	827
China	42 710	56 935	56 200	56 604	47 746	42 674	49 705	48 622	52 892	...
Japan	1 064	1 112	1 128	1 060	1 008	1 058	1 021	959	835	848
South Korea	389	361	381	296	275	227	325	316	320	330
Asia	44 163	58 408	57 709	57 960	49 029	43 958	51 050	49 897	54 048	1 178
World	51 442	64 817	64 022	63 765	53 693	49 113	55 759	54 837	58 075	4 348

Table 17

Production of concrete reinforcing bars

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	305	319	289	294	290	274	271	250	246	242
Bulgaria	490	589	584	545	721	709	980	687	701	759
Croatia	15	16	17	24	...	15	13	12	10	10
Czechia	173	130	134	144	178	92	111	154	172	270
Germany	1 934	1 945	1 868	1 996	1 889	1 873	1 636	1 788	...	...
France	942	850	884	882	846	842	801	743	633	696
Hungary	47	133	167	131	222	285	316	333	318	320
Italy	3 511	3 268	3 223	3 048	3 179	2 834	2 837	3 024	2 677	2 955
Luxembourg	24	32	25	4	...	...	...	...	...	...
Poland	1 368	1 358	1 384	1 389	1 626	1 777	1 731	1 815	1 652	1 815
Spain	2 220	1 928	1 988	1 841	1 677	1 425	1 405	1 510	1 316	1 457
European Union (27) (1)	14 290	12 871	12 708	12 454	12 852	12 195	12 320	12 769	11 294	12 144
Albania	320	350	...	...	...	...	...	...	...	...
Bosnia-Herzegovina	234	259	268	297	310	277	294	299	294	323
United Kingdom	354	300	312	308	379	326	295	...	...	...
Other Europe	908	909	580	604	689	603	590	299	294	323
Belarus	1 060	1 015	1 018	958	874	663	821	880	803	...
Kazakhstan	286	332	558	750	566	691	634	727	753	...
Russia	7 251	7 915	9 058	8 452	7 672	7 247	7 344	8 443	8 871	...
Ukraine	3 270	3 639	3 193	2 778	2 990	2 842	2 824	2 725	1 774	...
Russia & other CIS + Ukraine	11 868	12 901	13 826	12 938	12 102	11 443	11 623	12 775	12 201	...
Canada	554	560	410	532	553	446	...	...	...	...
Costa Rica	372	447	460	474	382	378	393	409	...	...
Cuba	126	150	105	126	130	114	117	119	...	...
Dominican Republic	395	406	516	425	385	471	523	580	...	...
El Salvador	78	81	83	85	97	90	92	95	...	...
Guatemala	420	557	574	591	474	454	463	473	...	...
Mexico	3 608	3 735	3 770	4 061	4 149	3 930	4 099	3 883	3 905	3 824
United States	5 653	6 556	6 997	5 837	6 024	6 389	7 093	7 740	6 325	8 527
North America	11 207	12 492	12 915	12 132	12 194	12 272	12 780	13 300	10 230	12 350
Argentina	787	806	589	565	...	...	...	...	...	...
Brazil	4 461	4 493	4 252	3 697	3 398	3 144	3 430	3 323	3 577	4 297
Chile	618	585	530	540	...	...	...	...	...	...
Colombia	1 016	987	1 092	1 146	...	...	...	...	...	...
Ecuador	479	593	607	653	682	710	738	768	...	...
Paraguay	16	23	23	24	19	21	22	23	...	...
Peru	475	603	786	597	...	...	...	...	...	...
Uruguay	48	76	79	81	75	66	68	70	...	...
Venezuela	628	609	408	400	...	...	...	...	...	...
South America	8 528	8 775	8 367	7 703	4 174	3 942	4 259	4 184	3 577	4 297
Egypt	5 116	5 153	6 258	6 114	6 239	5 962	7 022	6 391	6 049	6 648
Africa	5 116	5 153	6 258	6 114	6 239	5 962	7 022	6 391	6 049	6 648
Iran	5 834	5 794	...	5 311	6 343	6 351	7 305	8 324	9 225	9 323
Qatar	1 650	1 696	1 709	1 784	1 894	1 745	1 847	1 862	969	855
United Arab Emirates	1 586	1 662	1 833	1 988	2 068	2 179	2 070	1 965	1 313	1 547
Middle East	9 070	9 153	3 542	9 083	10 305	10 275	11 222	12 151	11 507	11 725
China	192 414	212 271	215 278	204 306	190 514	191 579	222 267	249 716	266 391	...
South Korea	9 077	9 151	9 367	9 800	10 341	11 296	10 621	9 936	9 403	10 412
Asia	201 491	221 422	224 644	214 106	200 854	202 875	232 887	259 652	275 795	10 412
World	262 478	283 675	282 841	275 134	259 409	259 567	292 704	321 521	330 946	57 900

(1) - includes data not shown above.

Table 18

Production of hot rolled bars (other than concrete reinforcing bars)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria (1)	119	124	129	144	145	220	228	190	157	177
Bulgaria	77	74	110	57	...	49	73	46	28	27
Czechia	762	770	772	706	744	719	730	587	546	569
Germany	2 152	2 328	2 440	2 368	2 433	2 443	...	...	...	...
France (1)	1 165	1 243	1 330	1 197	1 102	1 139	1 056	959	823	988
Italy (1)	3 477	3 501	3 548	3 428	3 403	3 806	3 936	3 433	3 097	3 981
Luxembourg (1)	61	57	68	73	75	71	121	68	69	62
Poland (1)	600	631	704	772	716	718	731	668	584	806
Spain (1)	1 548	1 559	1 653	1 699	1 644	1 548	1 583	1 401	1 159	1 437
European Union (27) (1) (2)	11 403	11 563	12 048	11 814	11 644	12 193	12 341	11 567	9 515	11 535
United Kingdom (1)	1 040	1 023	1 026	940	633	604	710	...	...	...
Other Europe	1 040	1 023	1 026	940	633	604	710	...	...	...
Belarus	154	131	153	142	232	231	217	183	230	...
Russia	3 354	2 970	2 595	2 481	3 012	2 917	3 203	3 111	2 939	...
Ukraine	714	459	329	291	285	274	250	224	245	...
Russia & other CIS + Ukraine	4 222	3 560	3 077	2 914	3 529	3 422	3 670	3 518	3 414	...
Canada (3)	914	875	703	1 102	1 074	1 030	...	...	...	...
Guatemala	30	...	...	...	...	...	...	...	...	...
Mexico	847	788	915	746	714	873	831	741	654	655
United States (3)	5 193	4 385	4 830	4 177	3 733	3 674	4 244	4 560	3 212	4 457
North America	6 984	6 048	6 449	6 025	5 521	5 578	5 074	5 301	3 865	5 112
Argentina	172	254	372	292	...	...	...	...	...	...
Brazil	1 585	1 694	1 511	1 250	1 124	1 217	1 293	1 137	977	1 318
Chile	301	403	258	263	...	...	...	...	...	...
Colombia	22	51	42	43	...	...	...	...	...	...
Peru	470	462	435	458	...	...	...	...	...	...
Uruguay	22	...	...	...	...	...	...	...	...	...
Venezuela	46	56	55	...	...	...	...	...	...	...
South America	2 618	2 921	2 674	2 305	1 124	1 217	1 293	1 137	977	1 318
China	70 378	80 501	79 419	71 310	65 168	66 392	76 525	80 357	93 386	...
Indonesia (4)	1 474	1 605	1 603	1 738	1 673	1 869	2 953	3 046	3 561	3 982
Japan (4)	15 794	16 101	16 137	15 266	14 891	15 570	15 782	14 900	12 466	14 497
South Korea	3 147	3 246	2 976	2 679	2 399	2 500	2 932	2 557	2 652	3 451
Malaysia (4)	2 444	2 670	2 782	2 868	2 796	2 548	2 602	2 815	3 315	4 658
Philippines (4)	2 392	2 744	2 923	3 553	3 956	3 925	4 471	4 331	3 348	3 750
Singapore (4)	705	429	540	501	528	596	584	546	434	572
Taiwan, China (4)	6 262	6 270	6 565	6 168	5 408	5 251	5 805	5 940	6 395	6 725
Thailand (4)	2 950	3 498	5 012	457	5 925	5 184	4 681	4 115	3 542	3 564
Viet Nam (4)	3 975	4 100	4 582	5 930	7 086	7 277	8 140	8 177	8 422	8 318
Asia	109 520	121 164	122 538	110 471	109 830	111 112	124 474	126 784	137 522	49 517
Australia (4)	876	790	577	577	644	672	1 053	1 052	1 018	1 079
Oceania	876	790	577	577	644	672	1 053	1 052	1 018	1 079
World	136 662	147 069	148 390	135 045	132 924	134 799	148 616	149 359	156 311	68 561

(1) - including light sections and concrete reinforcing bars.

(2) - includes data not shown above.

(3) - deliveries.

(4) - including concrete reinforcing bars.

Table 19

Production of wire rod

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	441	503	490	551	565	576	559	495	395	542
Belgium	872	796	792	798	594	665	732	557	466	643
Bulgaria	14	...	...	9	10	14	11	11	12	5
Czechia	1 326	1 456	1 365	1 508	1 599	1 520	1 593	1 507	1 509	1 553
Germany	6 023	6 005	5 885	6 222	6 003	6 281	6 101	5 982	...	...
France	1 944	2 064	2 063	1 974	1 855	1 802	1 873	1 678	1 443	1 936
Hungary	1	...	...	3	1	...	...	...	...	...
Italy	3 687	3 588	3 577	3 817	4 117	4 468	4 790	5 019	4 591	5 840
Netherlands	165	170	178	163	165	169	168	128	133	155
Poland	1 132	1 054	1 062	1 158	1 202	1 203	1 148	1 066	1 133	1 260
Spain	2 814	2 433	2 735	2 667	2 614	2 835	2 947	2 937	2 501	3 033
European Union (27) (1)	19 673	19 122	19 192	19 775	19 510	20 479	21 071	20 924	18 428	21 772
Bosnia-Herzegovina	331	333	337	353	380	413	390	404	397	398
United Kingdom	979	1 016	967	1 067	879	704	815	...	...	...
Other Europe	1 311	1 349	1 305	1 420	1 258	1 117	1 205	404	397	398
Belarus	559	543	563	666	688	858	835	784	618	...
Russia	2 761	2 715	2 654	2 611	2 850	3 071	3 129	2 916	3 182	...
Ukraine	1 906	1 779	1 527	1 425	1 539	1 342	1 316	1 515	1 160	...
Russia & other CIS + Ukraine	5 227	5 037	4 744	4 702	5 077	5 271	5 280	5 215	4 960	...
Canada	660	644	380	909	1 011	954	...	...	...	...
Mexico	2 509	2 374	2 403	2 343	2 556	2 546	2 449	2 420	2 735	2 948
Trinidad and Tobago	398	297	300	413	...	...	...	...	...	...
United States	2 401	2 186	2 153	1 906	1 594	1 922	2 236	2 863	1 944	2 252
North America	5 967	5 501	5 236	5 572	5 162	5 421	4 685	5 283	4 680	5 199
Argentina	580	590	533	517	...	...	...	...	...	...
Brazil	2 953	3 213	3 140	2 974	3 104	3 221	3 201	3 160	3 343	3 394
Chile	185	111	158	161	...	...	...	...	...	...
Colombia	163	185	173	155	...	...	...	...	...	...
Ecuador	18	22	23	24	...	...	...	...	...	...
Paraguay	6	...	...	...	...	...	...	...	...	...
Peru	123	136	87	134	...	...	...	...	...	...
Venezuela	325	260	190	...	...	...	...	...	...	...
South America	4 353	4 516	4 304	3 966	3 104	3 221	3 201	3 160	3 343	3 394
Egypt	1 113	1 219	1 030	873	736	920	1 139	867	821	799
Africa	1 113	1 219	1 030	873	736	920	1 139	867	821	799
China	136 109	148 972	153 834	147 233	133 909	129 692	144 150	156 820	166 556	...
Indonesia	809	672	628	661	595	804	824	1 129	1 862	1 654
Japan	5 769	6 205	6 253	5 921	5 941	5 988	5 993	5 487	4 365	5 504
South Korea	2 708	2 986	3 311	3 243	2 495	2 480	2 726	3 472	3 659	3 700
Malaysia	1 210	1 005	1 032	449	649	979	979	2 043	2 200	2 873
Taiwan, China	2 670	2 838	2 939	2 697	2 806	2 913	3 015	2 409	2 381	2 926
Thailand	813	613	574	677	669	917	977	928	1 013	1 126
Viet Nam	1 044	1 001	1 035	1 147	1 302	2 096	2 302	2 454	2 914	3 360
Asia	151 131	164 293	169 606	162 028	148 364	145 870	160 965	174 741	184 949	21 142
Australia	677	690	720	720	927	931	650	615	578	654
Oceania	677	690	720	720	927	931	650	615	578	654
World	189 451	201 727	206 136	199 055	184 138	183 231	198 197	211 208	218 157	53 358

(1) - includes data not shown above.

Table 20

Production of hot rolled plate (≥3mm)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	669	727	811	852	900	983	829	679	552	689
Belgium	568	510	562	543	575	549	583	439	...	...
Bulgaria	274	204	264	210	...	274	313	249	219	236
Czechia	563	530	431	432	376	439	499	439	426	386
Germany	3 207	2 803	3 088	3 141	3 024	...	...	...	...	...
France	704	666	714	692	711	772	819	694	500	650
Italy	2 606	1 999	2 180	2 025	2 148	2 351	2 402	2 414	2 210	2 400
Netherlands	17	16	19	19	14	16	15	...	...	...
Poland	689	625	451	382	361	519	431	165	218	334
Spain	378	498	504	546	516	531	544	503	450	504
European Union (27) (1)	11 973	10 673	11 296	10 780	10 810	11 440	11 479	11 043	9 509	10 550
United Kingdom	889	845	813	715	433	490	550	...	...	...
Other Europe	889	845	813	715	433	490	550	...	...	...
Kazakhstan	39	21	90	85	118	96	74	33	43	...
Russia	3 570	4 127	5 483	6 021	5 340	5 119	5 143	5 392	4 586	...
Ukraine	3 096	2 828	2 485	1 527	1 906	1 922	1 838	1 963	2 080	...
Russia & other CIS + Ukraine	6 706	6 976	8 058	7 633	7 364	7 137	7 055	7 388	6 709	...
Canada	451	408	397	387	319	334	...	...	...	...
Mexico	610	628	742	535	745	2 477	2 686	2 108	1 286	1 733
United States	6 172	6 328	6 550	5 583	5 449	5 546	5 760	5 842	5 117	5 292
North America	7 233	7 364	7 689	6 505	6 514	8 357	8 446	7 950	6 402	7 025
Argentina	371	...	...	...	...	...	...	...	...	...
Brazil	1 548	1 423	1 324	913	699	896	1 064	980	977	1 043
Venezuela	159	...	...	...	...	...	...	...	...	...
South America	2 079	1 423	1 324	913	699	896	1 064	980	977	1 043
Iran	585	615	774	798	669	725	637	715	833	...
Middle East	585	615	774	798	669	725	637	715	833	...
China	176 034	188 353	196 671	196 677	198 013	213 623	217 501	230 420	261 776	...
India	4 472	3 889	4 492	4 293	4 522	5 100	4 717	4 775	4 115	5 264
Indonesia	806	539	1 539	1 326	1 500	1 887	1 721	1 939	2 204	2 324
Japan	13 399	12 863	13 145	11 872	12 315	11 036	11 951	11 575	9 535	10 139
South Korea	10 226	8 939	10 122	10 040	9 502	8 986	9 393	9 526	9 017	8 889
Malaysia	152	143	144	180	220	207	205	233	122	138
Taiwan, China	1 195	1 127	1 139	1 051	1 086	1 026	1 142	1 021	1 044	1 136
Thailand	389	92	217	156	175	206	180	127	181	145
Asia	206 672	215 945	227 470	225 595	227 334	242 072	246 811	259 615	287 993	28 036
World	236 137	243 841	257 424	252 939	253 823	271 116	276 042	287 691	312 424	46 654

(1) - includes data not shown above.

Table 21

Production of hot rolled coil, sheet, and strip (<3mm)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	4 357	4 696	4 459	4 771	4 780	4 904	4 555	4 593	4 311	4 798
Belgium	7 476	6 988	7 038	7 597	7 566	8 077	8 403	8 552	7 223	7 170
Czechia	382	466	483	554	742	430	517	441	618	686
Germany	20 463	20 795	20 947	...	...	...	...	...	...	...
France	8 518	9 603	10 133	9 876	9 475	10 229	9 895	9 066	7 317	8 576
Hungary	1 480	1 512	1 373	1 284	1 135	1 408	1 770	1 528	945	628
Italy	11 888	10 100	9 659	8 804	9 715	9 522	9 427	8 875	7 247	8 658
Netherlands	6 236	6 183	6 460	6 632	6 287	6 404	6 788	...	...	...
Poland	2 240	2 283	2 354	2 506	2 497	2 929	3 110	2 591	2 128	2 267
Spain	3 423	3 842	4 102	4 183	3 922	4 269	4 329	3 888	2 903	4 182
European Union (27) (1)	76 565	77 149	78 033	76 967	77 727	80 308	80 002	77 749	65 211	73 930
United Kingdom	3 165	4 168	4 239	4 003	3 310	3 316	3 237	...	...	...
Other Europe	3 165	4 168	4 239	4 003	3 310	3 316	3 237	...	...	...
Kazakhstan	1 039	1 146	1 142	1 187	1 324	1 551	1 343	963	1 243	...
Russia	14 364	13 317	12 598	13 074	13 785	13 714	13 357	13 122	14 181	...
Ukraine	4 741	4 464	3 926	3 470	3 386	3 154	3 714	3 527	3 078	...
Russia & other CIS + Ukraine	20 145	18 927	17 667	17 731	18 495	18 419	18 414	17 612	18 502	...
Canada	5 234	5 325	5 896	5 234	5 164	5 648	...	...	...	...
Mexico	5 725	5 957	6 523	6 696	7 044	6 801	...	...	...	...
United States	19 495	19 598	20 668	18 702	19 236	20 378	19 968	19 993	17 920	20 019
North America	30 454	30 880	33 087	30 632	31 445	32 827	19 968	19 993	17 920	20 019
Argentina	2 349	2 611	2 546	2 370	2 274	2 374	2 271	2 033	1 974	...
Brazil	4 377	4 384	4 541	4 746	4 040	4 684	4 767	4 365	3 862	5 266
Chile	412	189	0	...	...	...	...	...	...	...
Colombia	434	353	410	440	447	482	402	354	...	...
Peru	61	62	60	52	57	55	57	56	...	...
Venezuela	957	926	635	756	225	246	3	...	...	...
South America	8 590	8 526	8 191	8 365	7 044	7 840	7 501	6 807	5 836	5 266
Egypt	1 036	1 066	849	689	1 026	...	1 436	1 163	1 360	2 064
Africa	1 036	1 066	849	689	1 026	...	1 436	1 163	1 360	2 064
Iran	7 891	7 635	7 503	7 075	7 142	7 091	7 413	7 446	7 735	8 417
Middle East	7 891	7 635	7 503	7 075	7 142	7 091	7 413	7 446	7 735	8 417
China	109 511	123 211	120 716	125 583	131 782	112 348	123 519	136 561	145 774	...
India	17 888	21 586	21 819	20 317	24 164	36 899	31 134	44 805	42 649	47 246
Indonesia	257	317	523	521	703	1 089	2 147	2 537	2 716	5 074
Japan	50 360	51 774	52 250	50 818	50 669	50 821	49 499	47 104	40 031	46 722
South Korea	36 325	35 543	38 465	37 489	37 245	38 927	38 588	38 201	36 624	38 429
Malaysia	1 033	1 107	723	707	77	...	...	...	...	...
Taiwan, China	4 693	4 850	4 885	4 653	5 834	5 734	7 297	7 046	7 351	16 075
Thailand	2 569	2 651	2 907	2 552	2 774	3 010	3 194	2 629	2 420	2 829
Asia	222 635	241 039	242 288	242 640	253 249	248 829	255 379	278 884	277 565	156 376
Australia	2 708	2 289	2 160	2 415	2 501	2 709	2 747	2 679	2 612	2 763
Oceania	2 708	2 289	2 160	2 415	2 501	2 709	2 747	2 679	2 612	2 763
World	373 189	391 680	394 017	390 516	401 938	401 339	396 098	412 333	396 741	268 833

(1) - includes data not shown above.

Table 22

Production of electrical sheet and strip

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	299	338	339	394	334	416	338	342	314	372
Czechia	46	50	52	...	52	51	52	50	46	47
Germany	521	475	456	434	460	439	384	335	...	...
France	166	158	184	191	186	185	187	189	144	187
Poland	85	74	89	98	...	...	...	...	...	...
European Union (27) (1)	1 418	1 360	1 418	1 418	1 364	1 491	1 375	1 377	1 182	1 412
United Kingdom	65	59	62	66	55	61	53	...	...	...
Other Europe	65	59	62	66	55	61	53	...	...	...
United States	59	...	...	...	...	...	...	...	...	...
North America	59	...	...	...	...	...	...	...	...	...
Brazil	188	180	167	164	150	144	153	147	123	167
South America	188	180	167	164	150	144	153	147	123	167
China	6 194	7 761	8 852	8 809	9 041	9 480	9 811	11 192	11 886	...
India	158	136	131	137	554	358	385	417	370	430
Japan	1 594	1 609	1 552	1 377	1 347	1 408	1 393	1 234	1 087	1 388
South Korea	987	919	902	892	770	803	790	838	819	844
Taiwan, China	626	712	773	581	617	707	627	587	563	732
Asia	9 558	11 137	12 211	11 796	12 329	12 756	13 005	14 267	14 725	3 394
World	11 288	12 736	13 858	13 443	13 898	14 451	14 586	15 791	16 030	4 974

(1) - includes data not shown above.

Table 23

Production of tinmill products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Belgium	151	156	142	137	146	148	148	139	83	43
Germany	1 364	1 343	1 386	1 338	1 329	1 369	1 329	1 313	...	...
France	499	544	566	557	542	524	522	485	410	495
Netherlands	755	813	838	803	777	809	658	...	...	...
Spain	574	579	541	633	634	706	675	602	597	610
European Union (27) (1)	3 797	3 822	3 885	3 947	3 910	3 904	3 706	3 846	3 278	3 616
United Kingdom	410	401	430	407	390	396	376	...	...	...
Other Europe	410	401	430	407	390	396	376	...	...	...
Kazakhstan	144	93	81	93	80	78	82	71	62	...
Russia	144	149	147	149	129	94	134	143	169	...
Russia & other CIS + Ukraine	288	242	228	242	209	172	216	214	231	...
Canada	239	208	209	216	239	202	249	...	...	...
Mexico	92	112	124	134	153	142	154	129	80	78
United States	2 012	1 868	1 754	1 522	1 359	1 311	1 291	1 176	1 232	1 131
North America	2 343	2 188	2 087	1 872	1 752	1 655	1 694	1 305	1 311	1 210
Argentina	129	131	113	122	...	...	...	...	...	...
Brazil	809	635	553	571	530	525	481	385	404	426
Chile	28	...	...	...	...	...	...	...	...	...
Colombia	59	59	50	82	...	...	...	...	...	...
Venezuela	63	42	18	...	...	...	...	...	...	...
South America	1 089	867	735	774	530	525	481	385	404	426
India	258	326	390	335	343	412	442	443	376	589
Indonesia	115	149	135	164	134	150	148	152	298	147
Japan	1 684	1 656	1 645	1 630	1 698	1 622	1 585	1 498	1 515	1 382
South Korea	809	829	800	793	845	756	772	793	771	773
Malaysia	119	122	115	132	175	160	156	135	119	137
Taiwan, China	210	222	189	197	213	193	181	160	194	189
Thailand	174	194	225	171	150	135	111	62	89	156
Asia	3 369	3 498	3 500	3 422	3 558	3 427	3 394	3 245	3 363	3 374
World	11 295	11 018	10 864	10 664	10 349	10 080	9 866	8 995	8 588	8 626

(1) - includes data not shown above.

Table 24

Production of other metallic coated sheet and strip

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	2 115	2 371	2 211	2 436	2 517	2 516	2 407	2 434	2 258	2 401
Belgium	3 213	3 209	3 454	3 410	3 326	3 604	3 708	3 802	2 979	2 471
France	3 527	3 796	4 297	4 310	4 189	4 168	3 914	3 852	3 169	3 937
Hungary	106	103	104	100	100	102	105	86	116	103
Italy	4 129	4 129	4 452	4 545	4 904	5 024	4 765	4 356	3 698	4 206
Luxembourg	533	632	668	632	642	1 214	673	...	...	...
Netherlands	1 184	1 287	1 332	1 358	1 370	1 337	1 275	...	...	...
Poland	469	470	527	517	560	764	906	840	752	835
Spain	1 640	1 554	1 635	1 681	1 806	1 799	1 794	1 911	1 534	2 052
European Union (27) (1)	26 174	26 878	28 435	28 800	28 965	29 740	29 031	28 696	24 280	26 596
United Kingdom	867	1 052	1 082	1 076	799	825	855	...	...	...
Other Europe	867	1 052	1 082	1 076	799	825	855	...	...	...
Canada (2) (3)	2 318	2 504	2 549	2 467	2 560	2 190	...	...	...	...
Mexico (2)	1 866	1 952	2 339	2 436	2 733	2 750	2 746	2 753	2 550	2 986
United States (2) (3)	16 703	16 164	16 510	16 033	16 616	16 473	16 890	16 724	15 211	17 996
United States (3) (4)	1 433	1 437	1 255	1 348	1 386	1 652	1 893	2 097	2 235	3 117
North America	22 321	22 058	22 653	22 285	23 295	23 066	21 529	21 574	19 996	24 100
China	37 622	46 212	50 750	52 101	53 226	49 598	49 509	57 389	61 384	...
India (2)	6 292	6 704	6 983	6 898	9 884	9 376	5 234	7 448	6 758	7 842
Indonesia	492	408	462	498	601	726	1 087	1 079	1 024	1 291
Japan (3)	1 187	1 246	1 315	1 240	1 304	1 303	1 250	1 142	965	1 142
South Korea (2)	9 238	9 503	10 412	10 513	11 039	11 461	11 158	11 024	9 945	10 507
Malaysia	541	646	678	703	781	768	644	605	540	422
Philippines	328	260	650	670	370	370	346	359	176	190
Taiwan, China	2 368	2 539	2 856	2 640	2 227	2 239	2 053	1 816	1 949	2 732
Thailand	534	552	1 088	1 355	1 457	1 722	1 738	1 647	1 458	1 792
Viet Nam	1 244	1 736	2 098	2 505	2 505	3 501	3 758	3 403	3 402	5 098
Asia	59 846	69 805	77 292	79 122	83 395	81 063	76 777	85 912	87 601	31 017
Australia	1 195	1 195	1 343	1 367	1 473	1 536	1 613	1 515	1 589	1 749
Oceania	1 195	1 195	1 343	1 367	1 473	1 536	1 613	1 515	1 589	1 749
World	110 404	120 988	130 805	132 650	137 928	136 229	129 806	137 697	133 466	83 461

(1) - includes data not shown above.

(2) - galvanised products only.

(3) - deliveries.

(4) - excluding galvanised products.

Table 25

Production of non-metallic coated sheet and strip

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	310	355	290	279	269	273	250	270	235	257
Belgium	429	465	449	439	486	618	625	677	601	706
Germany	751	761	680	623	605	581	548	494	...	...
France	829	835	917	940	1 033	1 009	1 019	1 030	933	1 102
Italy	515	593	709	784	880	852	907	990	947	979
Netherlands	249	253	245	231	205	221	211	...	...	...
Poland	259	229	273	270	297	291	317	302	326	428
Spain	155	169	193	216	217	225	172	192	181	297
European Union (27) (1)	3 994	4 163	4 269	4 271	4 531	4 636	4 620	5 142	4 722	5 252
United Kingdom	324	321	300	304	342	309	309	...	...	...
Other Europe	324	321	300	304	342	309	309	...	...	...
Kazakhstan	46	69	78	96	98	108	101	105	120	...
Russia	1 293	1 510	1 668	1 476	1 565	1 636	1 730	1 787	1 853	...
Ukraine	40	58	16	18	22	24	23	23	45	...
Russia & other CIS + Ukraine	1 379	1 637	1 762	1 590	1 685	1 768	1 854	1 915	2 018	...
China	7 761	8 071	8 251	8 099	8 710	7 030	7 325	8 024	9 822	...
India	...	...	...	...	...	1 264	1 742	2 149	2 118	2 387
Indonesia	24	20	17	37	35	45	53	55	49	188
South Korea	2 113	2 084	1 994	1 896	2 050	2 054	2 270	2 233	2 042	2 383
Malaysia	225	233	212	230	216	209	201	195	166	164
Philippines	136	120	140	150	150	150	135	165	70	75
Taiwan, China	681	970	670	681	729	666	574	541	523	598
Thailand	309	91	...	...	...	...	...	...	...	...
Viet Nam	398	469	676	774	852	1 094	870	996	1 111	1 061
Asia	11 647	12 058	11 960	11 866	12 741	12 513	13 170	14 359	15 900	6 857
Australia	556	569	622	656	719	724	761	764	797	887
Oceania	556	569	622	656	719	724	761	764	797	887
World	17 900	18 747	18 913	18 687	20 018	19 949	20 714	22 180	23 437	12 995

(1) - includes data not shown above.

Table 26

Total production of tubular products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	698	698	698	570	542	742	738	...	...	...
Belgium-Luxembourg	65	65	52	50	50	50	...	...	...	...
Bulgaria	39	39	39	39	39	39	90	153	191	...
Cyprus	12	12	12	12	12	12	...	...	...	...
Czechia	595	577	637	570	521	470	515	412	420	423
Germany	3 086	2 604	2 709	2 402	2 536	3 287	3 085	2 309	1 770	1 820
Finland	206	208	236	260	284	320	321	294	249	...
France	1 050	895	736	499	534	499	454	491	316	...
Greece	594	512	500	490	460	460	453	448	369	...
Hungary	53	53	53	53	53	53	73	69	42	...
Ireland	4	4	4	4	4	4	...	...	...	...
Italy	3 075	2 947	3 251	3 754	3 856	3 981	4 066	4 044	3 538	...
Latvia	14	14	14	14	14	14	17	16	13	...
Netherlands	266	247	290	315	301	300	266	263	232	...
Poland	960	860	848	784	845	807	762	751	714	719
Portugal	96	96	96	96	180	180	...	...	...	...
Romania	580	584	660	586	531	590	588	557	570	...
Slovakia	250	228	231	215	195	245	250	184	209	...
Spain	932	855	823	750	878	1 186	1 290	1 290	1 139	...
Sweden	140	136	139	122	102	110	103	95	80	...
European Union (27) (1)	12 715	11 634	12 031	11 584	11 936	13 349	13 072	11 377	10 220	11 040
Bosnia-Herzegovina	...	...	...	...	...	...	...	9	9	10
Türkiye	4 250	4 202	...	...	...	...	...	...	...	...
United Kingdom	706	504	621	638	547	590	610	582	530	...
Other Europe	4 956	4 706	621	638	547	590	610	592	539	10
Belarus	214	216	201	216	143	181	188	149	105	120 e
Kazakhstan	235	305	311	310	304	380	400	398	350	380 e
Russia	9 934	10 367	11 593	11 730	10 727	11 579	11 841	11 929	10 303	11 400 e
Ukraine	2 179	1 719	1 373	881	878	1 062	1 233	1 005	869	981
Russia & other CIS + Ukraine	12 562	12 607	13 478	13 137	12 052	13 202	13 662	13 481	11 627	12 881
Canada	2 721	2 439	1 538	1 044	785	1 029	...	...	...	...
Mexico	1 840	1 924	2 070	1 803	1 700	2 000	1 606	1 413	1 198	1 487
United States	4 338	4 347	4 718	2 576	2 383	3 867	4 359	4 291	2 617	3 309
North America	8 899	8 710	8 326	5 423	4 868	6 896	5 965	5 704	3 815	4 796
Argentina (2)	849	692	750	546	376	621	688	632	267	546
Brazil (2)	591	629	657	388	391	556	607	654	499	576
South America	1 440	1 321	1 407	934	767	1 177	1 295	1 286	766	1 122
Iran	31	29	5	16	10	10	6	12	8	...
Middle East	31	29	5	16	10	10	6	12	8	...
China	71 184	83 571	88 980	98 272	96 918	66 108	73 201	84 176	89 543	86 800 e
India	2 060	1 982	2 077	2 143	...	...	...	4 200	6 680	5 820
Indonesia	687	668	1 105	1 277	1 288	1 573	975	884	1 432	1 576
Japan	7 877	8 050	8 283	6 821	6 933	7 092	7 135	6 686	5 271	5 563
South Korea	5 661	5 655	6 409	4 928	5 206	5 640	5 007	4 648	4 513	4 627
Malaysia	688	707	801	842	796	854	805	768	555	620
Philippines	99	300	330	330	330	330	363	363	254	280
Taiwan, China	1 182	1 206	1 280	1 146	819	977	1 025	1 234	1 059	759
Viet Nam	775	969	1 221	1 548	2 061	2 307	2 493	2 516	2 652	2 824
Asia	90 213	103 108	110 486	117 307	114 349	84 881	91 004	105 475	111 958	108 867
Australia	214	190	155	155	155	...	...	...	...	...
Oceania	214	190	155	155	155	...	...	...	...	...
World	131 029	142 305	146 509	149 194	144 684	120 105	125 615	137 926	138 934	138 716

(1) - includes data not shown above.

(2) - seamless only.

Table 27

Production of seamless tubes

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	468	468	468	382	363	497	495	490	...	...
Czechia	367	356	396	310	276	264	301	226	237	254
Germany	1 348	1 306	1 264	1 012	1 045	1 213	1 271	1 087	760	790
France	572	550	500	342	334	265	258	274	184	...
Italy	619	526	573	381	441	510	568	564	399	...
Netherlands	16	10	11	11	12	12	13	14	9	...
Poland	170	150	137	122	116	129	136	105	99	119
Romania	496	495	542	459	388	454	455	423	448	...
Slovakia	176	165	174	166	141	188	192	129	156	...
Spain	254	220	270	218	195	359	232	195	145	...
Sweden	96	93	96	82	81	89	92	81	65	...
European Union (27) (1)	4 581	4 338	4 432	3 485	3 391	3 980	4 013	3 588	2 700	2 930
Belarus	125	129	121	112	84	139	136	115	80	80 e
Kazakhstan	100	156	175	183	193	259	290	295	208	200 e
Russia	3 152	3 101	3 369	3 410	3 238	3 592	3 683	3 508	3 039	3 380 e
Ukraine	887	712	625	416	384	536	597	527	400	440 e
Russia & other CIS + Ukraine	4 264	4 098	4 290	4 121	3 899	4 526	4 706	4 445	3 727	4 100
Canada	272	244	154	104	78	103	100	100	100	100 e
Mexico	889	985	1 064	739	801	939	975	831	584	907
United States	2 162	2 276	2 419	1 076	1 231	2 029	2 099	1 816	956	1 360
North America	3 323	3 505	3 636	1 919	2 110	3 071	3 174	2 747	1 640	2 368
Argentina	849	692	750	546	376	621	688	632	267	546
Brazil	591	629	657	388	391	556	607	654	499	576
South America	1 440	1 321	1 407	933	767	1 177	1 295	1 286	766	1 122
China	24 082	29 984	31 370	28 577	26 753	21 072	24 829	27 984	27 877	28 000 e
India	...	...	...	...	...	...	...	600	930	820
Indonesia	...	...	...	...	...	...	33	50	223	246
Japan	2 203	2 087	2 215	1 725	1 611	1 719	1 812	1 734	1 302	1 365
South Korea	18	21	20	21	18	23	123	98	94	138
Asia	26 303	32 091	33 605	30 323	28 382	22 814	26 797	30 466	30 426	30 568
World	39 911	45 353	47 370	40 782	38 550	35 568	39 985	42 532	39 259	41 088

(1) - includes data not shown above.

Table 28

Production of welded tubes

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	230	231	230	188	179	245	244	...	...	...
Belgium-Luxembourg	65	65	52	50	50	50	...	...	...	...
Bulgaria	39	39	39	39	39	39	90	153	191	...
Czechia	228	221	241	260	245	206	214	186	183	169
Germany	1 737	1 298	1 445	1 391	1 492	2 074	1 814	1 221	1 010	1 030
Finland	206	208	236	260	284	320	321	294	249	...
France	478	345	236	157	200	234	196	217	132	...
Greece	594	512	500	490	460	460	453	448	369	...
Hungary	53	53	53	53	53	53	73	69	42	...
Ireland	4	4	4	4	4	4	...	...	...	...
Italy	2 457	2 420	2 679	3 373	3 415	3 471	3 498	3 480	3 138	...
Netherlands	250	237	279	304	289	289	253	249	223	...
Poland	790	...	711	662	729	678	626	647	615	600
Portugal	96	96	96	96	180	180	...	...	...	...
Romania	84	89	118	127	143	135	133	134	122	...
Slovakia	75	64	58	49	53	57	58	55	53	...
Spain	678	635	552	531	683	827	1 058	1 095	994	...
Sweden	44	43	43	40	21	21	12	15	15	...
European Union (27) (1)	8 108	6 560	7 573	8 073	8 519	9 343	9 043	8 263	7 520	8 110
Bosnia-Herzegovina	...	...	...	...	...	...	...	9	9	10
Türkiye	4 250	4 202	...	...	...	...	...	...	...	...
United Kingdom	706	504	621	638	547	590	610	582	530	...
Other Europe	4 957	4 706	621	638	547	590	610	592	539	10
Belarus	89	87	80	104	59	42	52	34	25	...
Kazakhstan	135	149	136	127	111	121	110	103	142	...
Russia	6 782	7 266	8 224	8 320	7 489	7 987	8 158	8 421	7 264	...
Ukraine	1 292	1 007	748	465	494	512	636	591	595	...
Russia & other CIS + Ukraine	8 298	8 509	9 188	9 016	8 153	8 662	8 956	9 149	8 026	...
Canada	2 449	2 195	1 384	939	706	926	...	...	...	...
Mexico	952	939	1 006	1 064	899	1 061	631	582	614	580
United States	2 165	2 060	2 299	1 500	1 152	1 853	2 260	2 475	1 661	1 949
North America	5 565	5 193	4 689	3 504	2 758	3 840	2 891	3 057	2 275	2 529
China	47 103	53 587	57 610	69 695	70 164	45 036	48 372	56 192	61 666	58 800 e
India	...	...	...	...	...	...	...	3 600	5 750	5 000
Indonesia	687	668	1 105	1 277	1 288	1 573	942	835	1 209	1 330
Japan	5 097	5 318	5 437	4 504	4 774	4 832	4 798	4 440	3 533	3 734
South Korea	5 643	5 634	6 389	4 907	5 187	5 617	4 884	4 550	4 419	4 489
Malaysia	688	707	801	842	796	854	805	768	555	620
Philippines	99	300	330	330	330	330	363	363	254	280
Taiwan, China	1 182	1 206	1 280	1 146	819	977	1 025	1 234	1 059	759
Viet Nam	775	969	1 221	1 548	2 061	2 307	2 493	2 516	2 652	2 824
Asia	61 272	68 389	74 172	84 249	85 419	61 526	63 682	74 498	81 096	77 835
Australia	214	190	155	155	155	...	...	...	...	...
Oceania	214	190	155	155	155	...	...	...	...	...
World	88 413	93 548	96 398	105 635	105 550	83 962	85 182	95 558	99 456	88 484

(1) - includes data not shown above.

Table 29

Exports of semi-finished and finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	6 358	6 605	7 282	7 440	7 310	7 919	7 451	7 022	6 372	6 991
Belgium	14 456	13 875	14 161	15 202	16 724	18 060	17 971	16 936	13 702	15 535
Bulgaria	983	946	999	943	1 064	1 354	1 388	1 134	1 143	1 271
Croatia	34	121	210	218	106	64	219	193	124	274
Cyprus	1	1	1	1	0	4	0	3	12	3
Czechia	4 642	4 751	4 736	4 830	5 192	4 785	5 068	4 561	4 614	5 147
Denmark	798	797	790	935	946	984	1 052	1 039	957	1 059
Estonia	194	107	114	104	109	138	151	173	158	177
Germany	25 818	24 161	24 757	25 146	25 521	26 365	25 999	24 061	21 565	23 950
Finland	1 820	1 617	1 840	1 902	1 948	2 018	2 194	3 531	1 805	2 222
France	14 579	14 164	14 944	14 003	13 689	14 782	14 415	13 557	10 593	12 557
Greece	1 215	973	920	997	990	1 292	1 631	1 310	1 367	1 305
Hungary	1 698	1 766	1 607	1 440	1 404	1 892	2 086	1 851	1 716	1 413
Ireland	50	47	65	93	121	91	100	96	86	117
Italy	17 926	16 640	17 328	16 475	17 895	18 190	18 180	17 948	15 391	17 186
Latvia	1 151	622	399	576	486	458	487	481	467	509
Lithuania	284	258	269	330	380	386	400	347	410	476
Luxembourg	2 869	2 731	3 003	2 908	2 920	2 920	3 027	2 875	2 355	2 315
Malta	0	0	1	1	1	7	0	1	0	0
Netherlands	9 734	8 761	9 715	10 630	10 214	10 916	11 029	10 037	9 067	10 128
Poland	5 392	4 895	5 024	5 084	5 396	6 190	6 017	5 888	5 363	5 745
Portugal	1 728	2 044	2 369	2 324	2 443	2 591	2 416	2 386	2 323	2 490
Romania	2 682	2 277	2 339	2 585	2 506	2 789	2 859	2 908	2 667	3 348
Slovakia	4 760	4 786	4 931	4 835	5 089	5 197	5 064	4 228	3 592	5 089
Slovenia	817	807	871	993	1 010	1 103	1 226	1 155	1 097	1 272
Spain	9 416	9 134	9 710	9 590	9 317	8 917	8 637	9 342	8 145	9 657
Sweden	4 034	3 308	3 271	3 207	3 650	3 855	3 387	4 505	3 383	3 568
European Union (27)	133 441	126 197	131 655	132 789	136 430	143 266	142 451	137 570	118 470	133 803
<i>o/w: extra-E.U. (27)</i>	<i>44 325</i>	<i>40 649</i>	<i>42 709</i>	<i>38 185</i>	<i>33 566</i>	<i>34 766</i>	<i>32 686</i>	<i>33 474</i>	<i>25 668</i>	<i>26 047</i>
Albania	126	108	139	74	5	3	3	8	16	64
Bosnia-Herzegovina	464	455	521	606	499	452	352	394	356	401
Iceland	0	2	5	0	1	0	1	0	0	0
Macedonia	484	373	431	406	512	595	617	562	561	614
Montenegro	20	12	8	27	19	18	16	18	13	6
Norway	664	567	551	521	571	540	491	587	529	521
Serbia	488	609	748	908	936	1 141	1 444	1 498	1 110	1 066
Switzerland	1 091	1 097	1 070	1 136	1 110	1 184	1 163	923	816	1 113
Türkiye	18 574	17 305	16 024	14 887	15 349	16 346	19 859	19 660	18 538	22 057
United Kingdom	6 410	8 374	8 599	7 280	4 588	4 699	4 612	4 218	4 423	3 453
Other Europe	8	3	2	2	2	3	5	4	3	8
Other Europe	28 329	28 906	28 099	25 847	23 593	24 980	28 564	27 871	26 364	29 303
Armenia	0	0	0	0	3	3	4	0	0	0
Azerbaijan	52	50	31	11	124	131	86	33	30	91
Belarus	2 167	1 872	2 123	2 170	1 885	2 000	2 172	2 288	2 141	2 113
Georgia	106	258	223	91	70	99	65	83	53	52
Kazakhstan	1 693	1 132	1 650	1 704	2 500	1 732	1 389	1 244	1 593	1 391
Kyrgyzstan	9	8	10	2	0	0	0	0	0	0
Moldova	314	147	344	273	194	375	467	322	340	419
Russia	26 678	23 641	28 084	29 702	31 186	31 159	33 343	29 464	28 838	32 583
Tajikistan	0	0	0	0	1	0	0	0	0	0
Turkmenistan	0	0	0	0	2	0	0	0	0	...
Ukraine	24 142	24 720	21 492	17 721	18 230	15 224	15 083	15 559	15 210	15 705
Uzbekistan	4	9	22	17	4	7	41	79	16	50
Russia & other CIS + Ukraine	55 164	51 836	53 978	51 693	54 199	50 729	52 650	49 072	48 222	52 405

Table 29 (continued)

Exports of semi-finished and finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	6 166	5 767	6 201	6 038	5 848	6 482	6 435	7 705	5 141	7 539
Costa Rica	6	12	14	110	213	324	221	...	11	253
Cuba	47	40	24	9	32	49	49	16	0	9
Dominican Republic	47	35	43	44	33	48	66	75	66	85
El Salvador	6	4	8	5	10	12	11	7	4	4
Guatemala	13	13	14	16	61	82	82	51	17	60
Honduras	13	12	19	17	28	21	14	19	1	27
Jamaica	...	...	0	0	0	0	0	0	0	0
Mexico	4 688	5 639	5 395	3 898	4 084	5 180	5 825	5 142	5 259	5 950
Nicaragua	0	0	1	2	1	0	1	5	0	5
Panama	7	3	11	5	4	5	7	...	...	...
Trinidad and Tobago	175	102	129	83	4	1	0	1	1	0
United States	13 560	12 508	11 961	10 000	9 247	10 211	8 623	7 271	6 592	8 246
Other North America	6	4	4	18	3	9	1	9	1	3
North America	24 732	24 138	23 823	20 245	19 569	22 423	21 335	20 301	17 094	22 182
Argentina	1 171	1 019	996	471	450	612	129	53	20	43
Bolivia	0	0	0	0	0	0	0	8	0	0
Brazil	9 673	8 081	9 766	13 708	13 399	15 317	13 914	12 733	10 713	11 493
Chile	80	51	118	79	84	116	222	240	240	301
Colombia	178	119	100	66	66	89	98	70	50	59
Ecuador	20	22	21	40	41	40	60	75	55	62
Paraguay	...	0	0	0	1	3	5	2	4	8
Peru	166	166	178	149	215	209	219	263	188	218
Uruguay	1	28	28	20	38	47	26	228	12	809
Venezuela	163	80	20	78	48	24	23	82	37	103
Other South America	0	0	0	1	0	0	0	0	1	0
South America	11 452	9 567	11 227	14 613	14 342	16 456	14 696	13 754	11 320	13 095
Algeria	23	15	4	1	0	1	59	168	88	1 216
Cameroon	0	0	0	12	0	0	1	0	0	1
Egypt	847	1 958	1 153	453	808	1 477	1 453	1 162	2 009	1 995
Ghana	2	1	0	1	0	2	2	0	0	0
Ivory Coast	1	0	0	0	0	1	0	0	0	0
Kenya	0	1	0	1	0	0	0	0	0	0
Libya	47	9	3	13	6	18	51	15	62	47
Morocco	141	92	47	65	107	155	146	102	90	157
Nigeria	5	0	19	6	1	10	5	0	0	0
Senegal	0	0	0	0	0	0	0	1	1	0
South Africa	2 216	1 888	2 339	2 190	2 194	2 562	2 857	4 302	1 485	1 538
Sudan	0	0	0	0	0	0	0	0	0	...
Tanzania	1	0	1	...	0	0	1	0	20	0
Tunisia	99	70	84	53	42	31	85	136	136	216
Other Africa	59	54	63	28	24	21	25	19	23	21
Africa	3 440	4 089	3 712	2 823	3 183	4 278	4 685	5 905	3 916	5 192
Bahrain	41	513	153	540	768	782	665	651	884	1 195
Iran	260	368	2 868	3 798	5 654	7 460	9 273	1 127	1 818	1 587
Iraq	1	0	0	0	0	1	0	0	0	0
Israel	35	17	7	6	5	8	10	35	5	5
Jordan	1	3	0	1	76	72	117	120	135	121
Kuwait	6	8	3	0	109	101	112	190	183	168
Lebanon	20	24	4	1	0	0	1	1	1	4
Oman	56	49	101	118	268	653	779	1 980	2 688	4 535
Qatar	1 000	1 000	45	0	349	529	1 410	1 492	547	276
Saudi Arabia	285	247	123	1 129	1 141	1 138	1 419	2 497	1 304	1 522
Syria	0	0	...	0	1	0	0	0	2	1
United Arab Emirates	248	265	860	634	3 404	2 951	2 584	3 802	2 960	3 488
Yemen	0	...	9	14	...	...	0	...	...	0
Other Middle East	...	...	...	...	...	...	...	...	...	...
Middle East	1 951	2 494	4 172	6 241	11 777	13 694	16 370	11 894	10 528	12 901

Table 29 (continued)

Exports of semi-finished and finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bangladesh	19	26	18	5	4	6	6	5	26	92
China	54 793	61 543	92 907	111 556	108 066	74 808	68 767	63 744	53 087	66 208
Hong Kong, China	1 168	1 087	1 281	168	988	839	704	569	587	179
India	8 232	10 078	10 379	7 563	10 325	16 335	11 101	13 356	17 296	20 374
Indonesia	901	660	1 342	2 003	1 599	2 425	3 792	3 964	5 818	9 856
Japan	41 458	42 502	41 346	40 804	40 505	37 471	35 839	33 127	31 072	33 763
D.P.R. Korea (e)	78	60	57	33	40	29	16	14	8	66
South Korea	30 227	28 927	31 906	31 173	30 586	31 355	30 056	29 986	28 581	26 781
Malaysia	2 319	1 618	2 100	1 823	1 428	1 725	1 693	5 159	8 485	8 310
Myanmar	5	2	0	2	1	7	5	6	5	23
Pakistan	220	159	224	53	65	117	543	111	152	119
Philippines	140	65	149	21	29	37	33	39	22	36
Singapore	2 252	2 275	2 155	1 729	1 708	1 479	1 634	1 782	1 766	1 213
Sri Lanka	3	1	1	1	1	1	4	2	2	2
Taiwan, China	10 539	11 559	12 086	11 177	12 233	12 117	12 285	11 262	10 579	10 823
Thailand	1 569	1 504	1 414	1 254	1 460	1 853	1 916	1 654	1 224	...
Viet Nam	1 280	1 383	1 523	1 512	2 537	4 034	5 368	5 213	7 870	11 315
Other Asia	1 384	952	985	1 127	1 159	1 258	1 505	1 211	1 982	1 503
Asia	156 586	164 398	199 875	212 003	212 735	185 896	175 268	171 204	168 563	190 663
Australia	641	631	683	841	776	979	998	1 149	891	711
New Zealand	421	475	287	347	188	192	221	169	199	122
Other Oceania	4	1	1	0	0	0	2	3	0	4
Oceania	1 066	1 107	970	1 188	965	1 171	1 222	1 320	1 089	836
World	416 162	412 732	457 513	467 441	476 792	462 893	457 241	438 892	405 567	460 381

Table 30

Imports of semi-finished and finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	3 674	3 320	3 739	4 194	4 328	4 590	4 810	4 040	3 666	4 378
Belgium	10 557	10 109	10 743	12 073	13 007	14 073	14 845	13 006	10 805	13 697
Bulgaria	1 353	1 513	1 878	1 741	1 969	1 799	1 994	2 181	2 128	2 081
Croatia	657	632	680	772	844	821	800	917	858	1 016
Cyprus	162	131	109	144	154	252	337	330	305	289
Czechia	5 921	5 791	5 750	6 146	6 477	7 075	7 370	7 102	6 586	8 472
Denmark	2 250	2 249	2 246	2 436	2 535	2 504	2 592	2 511	2 539	2 692
Estonia	511	433	455	422	540	611	682	714	627	773
Germany	22 729	21 881	24 263	24 817	26 620	27 094	26 584	23 096	19 186	23 274
Finland	1 055	1 017	1 025	962	1 078	1 995	1 465	1 320	1 292	1 153
France	13 163	13 154	13 418	13 656	14 570	15 073	14 882	14 589	11 953	13 307
Greece	1 072	1 162	1 262	1 173	1 424	1 363	1 600	1 428	1 378	1 364
Hungary	2 126	2 899	2 613	2 275	2 710	2 783	3 058	3 000	2 639	3 159
Ireland	457	451	544	658	684	760	810	887	805	912
Italy	13 899	15 626	16 632	19 936	19 616	20 091	20 619	20 652	16 146	20 760
Latvia	591	650	721	864	827	702	937	794	743	899
Lithuania	744	780	858	894	1 048	1 060	1 142	1 118	1 128	1 358
Luxembourg	1 041	1 193	1 153	1 139	1 158	1 057	1 210	1 076	829	644
Malta	33	31	41	44	42	42	56	64	68	86
Netherlands	7 557	6 144	6 963	6 803	8 359	8 820	10 329	9 582	8 450	10 466
Poland	7 845	7 993	9 125	9 214	10 105	10 652	12 061	10 960	11 183	13 698
Portugal	1 900	2 472	2 521	2 740	2 803	3 066	3 140	3 202	2 834	3 550
Romania	2 930	2 784	3 216	3 454	3 511	3 833	4 102	4 210	4 236	4 675
Slovakia	2 127	2 446	2 552	2 677	2 940	3 004	2 994	3 001	3 684	5 514
Slovenia	1 136	1 125	1 223	1 407	1 483	1 553	1 745	1 648	1 601	1 868
Spain	7 329	7 401	8 127	8 885	9 391	9 948	10 779	10 342	8 884	10 066
Sweden	3 727	3 154	3 144	3 077	3 433	3 751	4 403	3 896	3 195	3 902
European Union (27)	116 547	116 542	124 998	132 602	141 658	148 370	155 348	145 665	127 747	154 054
o/w: extra-E.U. (27)	34 534	35 672	38 801	43 996	42 414	42 770	47 080	41 860	34 947	46 164
Albania	257	181	173	238	394	250	233	305	321	400
Bosnia-Herzegovina	281	278	268	314	418	459	470	424	428	481
Iceland	37	106	40	50	62	59	65	66	49	55
Macedonia	360	340	448	515	764	553	571	560	653	553
Montenegro	19	25	25	66	76	126	46	55	52	47
Norway	1 004	954	1 419	1 000	1 001	1 139	1 101	1 074	1 059	945
Serbia	618	622	672	665	647	743	884	1 152	1 034	1 010
Switzerland	2 426	2 438	2 454	2 330	2 498	2 544	2 590	2 372	2 196	2 579
Türkiye	11 499	14 462	13 394	18 614	17 009	15 814	14 043	12 337	12 929	16 151
United Kingdom	7 140	6 349	7 403	7 182	7 652	7 847	7 889	7 327	5 009	6 493
Other Europe	121	127	123	205	120	151	132	170	121	149
Other Europe	23 761	25 883	26 419	31 181	30 640	29 685	28 024	25 841	23 852	28 862
Armenia	80	76	80	72	91	107	143	106	147	77
Azerbaijan	1 060	1 257	1 248	839	561	536	660	677	593	425
Belarus	2 210	2 342	1 880	1 481	1 514	1 777	1 881	1 893	1 842	1 925
Georgia	374	391	451	412	460	445	507	439	490	335
Kazakhstan	1 667	1 201	1 660	505	444	403	421	555	275	298
Kyrgyzstan	265	321	343	301	288	278	313	369	365	346
Moldova	178	178	208	151	166	150	164	219	195	164
Russia	6 897	6 571	6 442	4 364	4 448	6 505	6 375	6 815	5 029	4 963
Tajikistan	174	245	277	379	309	280	357	352	404	345
Turkmenistan	1 172	1 014	1 004	798	550	233	234	364	492	190
Ukraine	1 876	1 767	1 202	804	1 138	1 401	1 582	1 535	1 315	1 264
Uzbekistan	819	1 160	1 252	1 160	1 127	1 727	2 000	2 239	2 436	2 208
Russia & other CIS + Ukraine	16 771	16 522	16 048	11 266	11 095	13 840	14 636	15 563	13 585	12 538

Table 30 (continued)

Imports of semi-finished and finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	9 618	8 895	10 293	8 021	7 727	8 809	9 110	9 267	6 963	9 897
Costa Rica	411	417	446	504	786	875	901	...	600	938
Cuba	171	187	131	272	187	174	145	138	66	51
Dominican Republic	491	583	734	829	827	859	1 062	964	871	1 442
El Salvador	197	262	246	313	367	389	397	363	277	486
Guatemala	441	548	649	920	935	859	783	847	834	1 055
Honduras	266	230	270	306	300	399	362	391	421	627
Jamaica	125	100	142	158	133	191	159	199	164	264
Mexico	9 266	8 117	9 111	10 031	9 679	11 625	10 995	11 542	10 081	14 752
Nicaragua	95	73	112	171	223	160	130	108	102	216
Panama	442	585	725	590	580	566	526	450	1 668	337
Trinidad and Tobago	178	193	256	231	222	230	215	212	171	200
United States	30 886	29 812	41 369	36 485	30 913	35 366	31 726	27 116	20 140	29 692
Other North America	163	195	179	258	277	312	279	482	407	316
North America	52 750	50 195	64 664	59 090	53 156	60 816	56 789	52 080	42 765	60 270
Argentina	1 315	1 152	920	1 195	772	1 556	843	646	718	1 642
Bolivia	381	421	464	428	509	497	497	547	374	478
Brazil	3 777	3 683	3 947	3 195	1 864	2 313	2 373	2 330	2 018	4 920
Chile	1 557	1 696	1 729	1 905	1 798	1 899	2 076	2 204	1 865	2 547
Colombia	1 894	2 628	3 125	2 912	2 748	2 486	2 863	2 662	2 100	3 182
Ecuador	1 095	1 236	1 283	1 027	927	1 096	851	1 026	845	1 103
Paraguay	264	339	390	303	328	371	474	337	214	280
Peru	1 573	1 880	2 015	2 209	2 247	1 859	2 176	2 512	1 681	2 732
Uruguay	141	189	212	215	156	177	172	655	211	244
Venezuela	1 011	980	897	725	318	128	44	56	46	48
Other South America	78	86	86	110	82	90	110	136	146	153
South America	13 085	14 291	15 066	14 225	11 750	12 472	12 480	13 112	10 217	17 330
Algeria	4 723	5 126	5 975	6 300	5 465	4 619	3 181	3 416	2 042	964
Cameroon	234	233	269	281	243	195	221	205	321	343
Egypt	3 654	4 237	6 167	7 881	9 197	1 639	421	592	192	1 240
Ghana	716	699	767	889	836	704	753	952	1 061	1 125
Ivory Coast	205	266	301	345	397	413	399	371	552	657
Kenya	949	1 308	1 333	1 708	1 491	1 364	1 415	3 124	2 196	1 988
Libya	746	967	610	419	173	136	383	392	211	268
Morocco	1 294	1 641	1 670	2 019	2 152	1 535	1 356	2 236	1 985	1 817
Nigeria	1 753	2 193	1 955	1 677	1 209	1 022	1 497	1 509	1 485	1 311
Senegal	368	313	386	419	517	476	593	581	611	721
South Africa	1 108	1 759	1 418	1 699	1 392	1 186	1 024	1 110	1 119	1 712
Sudan	426	387	310	507	576	611	440	462	509	199
Tanzania	411	726	602	667	551	535	732	946	751	885
Tunisia	810	886	955	1 098	1 010	1 169	1 300	1 035	1 048	894
Other Africa	4 203	4 701	4 973	5 219	4 496	3 867	4 173	4 996	4 421	4 028
Africa	21 602	25 441	27 692	31 128	29 704	19 470	17 887	21 927	18 504	18 151
Bahrain	176	99	94	160	417	590	493	442	374	326
Iran	5 604	3 111	4 187	4 472	4 683	3 098	1 790	363	420	334
Iraq	4 028	4 480	3 116	2 878	2 472	2 366	2 781	2 138	1 942	1 417
Israel	1 926	2 164	2 335	2 651	2 983	2 828	3 023	3 183	3 249	3 790
Jordan	1 245	868	854	863	1 392	765	824	734	818	589
Kuwait	788	680	728	1 000	1 477	1 141	1 149	1 459	892	627
Lebanon	2 999	1 500	1 482	1 196	1 515	1 177	961	752	432	430
Oman	862	688	968	1 182	1 768	1 538	1 734	1 380	898	855
Qatar	319	215	272	300	443	473	732	650	841	790
Saudi Arabia	8 092	6 664	6 641	6 491	7 355	4 610	3 739	7 945	7 039	3 879
Syria	638	267	350	325	277	292	288	184	350	219
United Arab Emirates	6 242	5 590	6 647	6 608	7 422	6 501	5 747	5 441	5 027	4 887
Yemen	653	859	899	402	802	893	1 018	1 336	1 224	1 067
Other Middle East	0	...	0	3	0	0	0	...	...	...
Middle East	33 572	27 184	28 572	28 530	33 007	26 271	24 277	26 007	23 504	19 211

Table 30 (continued)

Imports of semi-finished and finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bangladesh	2 316	2 468	2 720	4 030	4 014	2 673	3 140	3 040	2 616	2 366
China	14 154	14 774	14 903	13 178	13 581	13 909	14 366	15 511	38 710	27 824
Hong Kong, China	3 029	3 365	3 827	3 694	3 306	3 027	2 763	2 671	2 666	2 906
India	9 341	7 392	9 477	13 284	9 904	8 882	9 026	8 921	5 315	5 916
Indonesia	12 032	12 297	11 026	11 413	12 574	11 414	11 700	13 454	9 720	10 248
Japan	5 733	5 413	6 733	5 918	6 014	6 233	6 040	6 455	5 208	5 460
D.P.R. Korea (e)	124	133	175	234	254	179	3	0	0	0
South Korea	20 402	19 033	22 408	21 674	23 285	19 323	14 928	16 352	11 978	14 067
Malaysia	5 942	6 722	7 637	7 816	9 073	7 738	7 952	7 372	5 862	6 361
Myanmar	1 439	1 437	2 147	2 420	2 374	2 004	2 076	2 366	2 509	989
Pakistan	1 953	2 062	2 477	3 411	4 358	3 917	3 474	2 690	2 393	3 398
Philippines	4 384	4 972	6 805	7 282	7 248	7 308	9 104	7 214	6 661	7 194
Singapore	5 399	6 167	5 673	5 180	4 285	3 648	4 057	4 240	3 242	3 367
Sri Lanka	613	586	673	951	1 068	1 050	996	905	808	923
Taiwan, China	7 521	7 764	8 859	7 510	7 862	7 425	7 694	7 318	7 419	9 566
Thailand	15 183	15 866	15 081	14 628	17 605	14 486	15 468	16 745	13 408	15 711
Viet Nam	7 779	9 951	12 359	16 343	19 499	16 222	14 155	15 432	13 928	12 960
Other Asia	2 729	2 135	2 635	2 445	3 355	4 354	4 869	6 743	3 655	3 532
Asia	120 072	122 538	135 615	141 407	149 657	133 792	131 812	137 430	136 096	132 786
Australia	2 884	2 208	2 978	2 868	1 935	2 269	2 290	1 860	1 835	1 171
New Zealand	329	362	388	394	409	402	393	382	291	419
Other Oceania	477	256	265	307	329	315	274	285	289	319
Oceania	3 690	2 826	3 630	3 569	2 673	2 986	2 957	2 527	2 415	1 909
World	401 851	401 423	442 704	452 996	463 342	447 702	444 210	440 152	398 684	445 112

Table 31

Exports of ingots and semis

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	234	301	247	241	208	236	215	207	155	151
Belgium	321	287	195	163	466	469	196	125	122	214
Bulgaria	14	12	7	2	5	2	0	8	3	16
Croatia	4	79	118	127	3	3	120	102	39	176
Cyprus	...	...	...	...	0	...	...	...	...	0
Czechia	292	259	283	266	368	339	410	265	222	305
Denmark	21	22	17	18	20	23	29	28	26	36
Estonia	1	0	0	0	0	0	0	0	0	0
Germany	1 690	1 822	1 939	1 910	1 899	1 891	1 805	1 485	1 537	1 725
Finland	128	50	76	125	12	30	83	18	18	42
France	2 233	1 132	1 236	767	796	1 177	1 407	1 468	1 025	1 036
Greece	60	44	51	47	109	178	203	123	97	68
Hungary	3	10	23	20	60	23	12	8	8	11
Ireland	0	0	1	1	1	1	1	1	1	2
Italy	831	703	654	461	544	754	788	765	518	632
Latvia	73	33	0	0	0	0	1	0	1	1
Lithuania	0	0	0	0	0	0	0	3	1	0
Luxembourg	27	26	15	21	25	29	50	24	11	21
Malta	0	...	...	...	...	...	0	...	0	...
Netherlands	1 174	667	635	785	731	998	522	336	181	278
Poland	599	375	720	674	700	561	591	766	505	412
Portugal	36	72	151	155	207	335	262	203	190	376
Romania	200	156	187	103	79	241	315	309	192	430
Slovakia	417	129	306	563	518	641	493	109	71	268
Slovenia	33	42	47	28	26	23	27	29	15	16
Spain	122	226	112	151	238	294	182	142	121	312
Sweden	448	416	256	174	187	220	223	470	350	182
European Union (27)	8 963	6 863	7 276	6 805	7 202	8 468	7 938	6 994	5 410	6 713
o/w: extra-E.U. (27)	3 331	1 777	1 500	1 044	1 002	2 051	1 902	1 650	1 142	1 752
Albania	124	46	104	50	4	...	...	0	3	28
Bosnia-Herzegovina	110	114	161	119	52	17	25	22	0	14
Montenegro	3	2	0	1	2	0	0	0	0	...
Norway	163	88	54	40	40	72	41	92	72	60
Serbia	188	267	266	120	13	55	38	18	6	1
Switzerland	70	75	75	94	98	107	86	73	72	167
Türkiye	2 980	1 567	603	305	272	891	1 021	1 336	718	1 062
United Kingdom	2 078	3 494	3 534	2 687	842	846	946	756	687	616
Other Europe	0	0	5	...	0	0	0	0	0	0
Other Europe	5 716	5 652	4 802	3 415	1 322	1 988	2 157	2 297	1 557	1 948
Belarus	709	385	585	523	112	244	262	288	237	161
Kazakhstan	786	202	369	289	665	545	563	692	608	611
Russia	15 507	13 783	14 156	15 310	15 789	15 141	16 743	15 272	13 408	15 864
Ukraine	10 101	10 952	9 290	7 849	7 833	6 372	6 402	7 122	7 585	6 871
Other CIS	25	123	93	59	152	156	73	99	61	112
Russia & other CIS + Ukraine	27 128	25 446	24 493	24 030	24 552	22 458	24 044	23 473	21 899	23 619
Canada	664	314	386	205	155	256	161	397	199	478
Cuba	8	33	23	...	32	49	49	16	...	9
Mexico	1 020	1 340	1 291	707	731	1 037	2 000	1 682	2 017	2 114
Trinidad and Tobago	12	0	...	21	1	...	...	...	...	...
United States	808	449	295	142	113	146	95	76	130	163
Other North America	5	1	0	26	16	47	33	52	0	...
North America	2 516	2 136	1 995	1 101	1 048	1 535	2 338	2 223	2 346	2 765

Table 31 (continued)

Exports of ingots and semis

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Argentina	53	56	180	103	32	4	...	...	...	...
Brazil	6 637	5 273	6 295	8 717	8 446	9 758	9 207	8 642	7 792	8 004
Venezuela	...	...	...	6	16	23	7	58	27	67
Other South America	0	9	26	0	8	33	11	0	64	1
South America	6 691	5 338	6 502	8 825	8 502	9 817	9 225	8 699	7 883	8 073
Egypt	23	181	110	34	15	122	206	2	4	0
Libya	35	...	...	13	4	0	3	15	56	9
South Africa	111	26	70	154	138	369	348	1 949	214	200
Other Africa	16	4	9	7	10	12	52	1	21	559
Africa	186	210	188	207	166	503	609	1 966	296	768
Iran	1	90	746	1 353	3 372	5 940	6 265	752	1 679	1 424
Oman	0	...	32	74	108	481	633	1 701	2 404	4 090
Qatar	0	3	44	...	123	290	0	461	187	228
Saudi Arabia	102	70	29	7	10	16	208	165	18	166
United Arab Emirates	26	2	423	189	713	1 044	994	1 663	1 055	1 317
Other Middle East	5	386	94	230	559	803	731	795	727	996
Middle East	133	550	1 367	1 854	4 885	8 573	8 831	5 537	6 071	8 221
China	4	4	7	8	13	12	15	38	19	37
India	601	1 253	1 601	769	1 766	2 786	2 452	2 717	6 046	5 279
Indonesia	4	6	313	635	752	1 027	1 226	781	2 127	4 639
Japan	5 519	5 966	5 330	4 814	4 542	4 326	4 064	3 493	4 074	3 647
D.P.R. Korea (e)	50	44	38	23	18	16	13	10	3	...
South Korea	1 985	1 346	870	483	352	912	693	342	770	498
Malaysia	602	146	102	118	105	59	219	2 149	1 553	1 569
Philippines	0	0	0	0	0	0	0	0	0	0
Singapore	13	17	60	13	6	20	35	5	6	11
Taiwan, China	344	690	449	215	669	293	189	50	26	19
Thailand	113	49	6	4	118	255	174	120	137	626
Viet Nam	82	81	126	25	1	654	764	930	3 767	4 133
Other Asia	23	8	24	23	15	61	537	64	90	135
Asia	9 340	9 611	8 925	7 130	8 359	10 422	10 380	10 699	18 618	20 593
Australia	12	28	59	49	41	18	95	66	2	118
New Zealand	9	9	9	11	1	0	0	1	6	11
Other Oceania	...	0	0	...	...	...	0	...	...	...
Oceania	21	37	68	60	42	18	96	66	8	129
World	60 694	55 843	55 616	53 426	56 077	63 783	65 617	61 955	64 088	72 828

Table 32

Imports of ingots and semis

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	182	155	289	604	603	570	576	91	76	141
Belgium	2 448	1 631	1 813	2 180	1 919	2 138	2 721	2 487	2 318	2 139
Bulgaria	299	413	339	376	479	368	540	477	548	596
Croatia	14	2	2	3	3	3	3	28	3	3
Cyprus	0	0	0	0	0	0	0	1	0	1
Czechia	345	355	291	393	617	739	778	648	603	607
Denmark	421	552	560	634	677	654	733	697	654	800
Estonia	1	1	0	0	0	0	0	1	0	0
Germany	1 728	1 352	2 066	1 886	1 899	2 252	1 831	1 017	427	1 167
Finland	10	6	4	4	22	31	32	203	236	42
France	1 718	1 694	1 800	2 094	2 298	1 829	1 656	1 465	1 147	1 341
Greece	18	45	34	50	13	3	1	6	8	8
Hungary	566	1 156	726	229	371	138	212	202	87	31
Ireland	2	3	8	7	7	10	9	8	5	4
Italy	3 168	3 198	3 127	3 802	3 784	3 900	3 939	4 808	3 424	4 202
Latvia	3	3	3	206	29	4	7	6	4	8
Lithuania	5	7	9	1	2	1	1	3	2	1
Luxembourg	138	130	136	115	80	23	49	74	50	95
Malta	0	0	0	0	0	0	0	0	0	0
Netherlands	1 045	387	738	750	982	804	562	352	212	689
Poland	575	603	401	238	313	340	699	521	622	951
Portugal	33	22	27	47	41	41	29	23	22	34
Romania	329	226	303	304	220	252	247	210	248	294
Slovakia	7	12	9	13	19	11	11	16	34	7
Slovenia	21	21	28	18	21	23	27	29	12	9
Spain	711	768	953	843	1 127	965	1 087	1 215	949	898
Sweden	131	119	168	244	205	231	288	186	135	312
European Union (27)	13 916	12 860	13 834	15 041	15 731	15 331	16 039	14 774	11 827	14 380
o/w: extra-E.U. (27)	6 943	6 714	6 666	7 150	10 286	9 644	10 255	9 695	7 439	9 309
Albania	0	0	0	0	24	0	0	1	0	1
Bosnia-Herzegovina	9	12	3	1	2	4	49	2	1	10
Iceland	0	1	0	1	0	1	2	2	1	2
Macedonia	60	44	144	66	176	82	128	163	143	82
Montenegro	0	0	0	0	...	0	0	0	0	0
Norway	6	8	8	8	5	10	13	17	10	5
Serbia	2	1	3	3	9	16	8	25	3	18
Switzerland	49	45	33	24	21	38	38	38	33	55
Türkiye	3 356	5 430	4 777	7 885	6 160	4 835	4 760	3 406	3 980	4 594
United Kingdom	828	444	342	363	432	451	834	611	354	526
Other Europe	0	0	0	0	0	0	0	0	0	0
Other Europe	4 310	5 986	5 309	8 353	6 827	5 437	5 832	4 266	4 527	5 292
Armenia	0	0	0	0	0	2	1	4	5	2
Azerbaijan	82	72	113	11	6	1	12	1	0	0
Belarus	7	104	17	3	3	23	17	4	3	5
Georgia	2	42	11	8	8	11	21	9	11	11
Kazakhstan	786	202	369	1	1	0	0	0	0	0
Kyrgyzstan	0	0	0	0	0	0	0	0	...	0
Moldova	59	19	51	0	0	0	0	29	5	4
Russia	19	21	10	8	6	72	231	390	43	14
Tajikistan	2	0	1	3	0	0	2	0	0	0
Turkmenistan	150	185	19	0	0	0	0	0	0	0
Ukraine	363	84	71	14	22	28	51	48	23	45
Uzbekistan	0	0	104	254	240	389	476	517	433	489
Russia & other CIS + Ukraine	1 472	731	767	303	286	526	810	1 005	523	570

Table 32 (continued)

Imports of ingots and semis

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	470	278	557	267	249	576	845	2 455	937	1 729
Costa Rica	70	21	0	106	184	320	268	219	169	387
Cuba	2	1	1	1	0	0	0	0	...	0
Dominican Republic	247	271	406	306	424	332	504	467	461	751
El Salvador	18	16	13	0	...	...	49	40	31	83
Guatemala	71	40	48	13	...	...	190	198	173	153
Honduras	55	37	29	10	...	...	...	67	76	100
Jamaica	1	0	0	0	1	1	0	0	0	0
Mexico	1 007	333	520	520	419	556	1 473	2 121	2 060	3 951
Nicaragua	0	0	0	0	0	0	0	0	0	0
Panama	29	12	4	0	...	0	0	...	...	...
Trinidad and Tobago	0	0	0	0	0	1	0	0	0	0
United States	6 915	6 638	9 562	6 560	6 014	7 669	7 372	7 191	4 841	6 978
Other North America	9	44	2	2	1	1	2	3	21	0
North America	8 895	7 691	11 141	7 786	7 292	9 456	10 704	12 760	8 769	14 132
Argentina	348	346	110	99	118	525	75	13	153	604
Bolivia	0	0	0	0	0	0	3	0	0	7
Brazil	32	11	14	74	245	86	173	211	80	949
Chile	59	60	1	0	23	3	76	60	0	0
Colombia	69	133	244	163	193	109	139	85	78	333
Ecuador	54	75	34	0	33	27	8	1	0	0
Paraguay	...	0	0	0	8	0	0	0	0	0
Peru	221	400	219	296	341	203	249	260	231	300
Uruguay	40	0	0	...	0	0	...	12	0	6
Venezuela	1	1	1	7	1	0	0	0	0	...
Other South America	1	1	0	0	0	0	0	0	0	0
South America	825	1 026	624	639	961	953	724	642	541	2 198
Algeria	15	65	208	502	586	1 780	1 220	997	527	61
Cameroon	15	16	4	6	18	36	37	32	80	139
Egypt	1 613	2 602	3 085	3 570	3 994	380	5	27	1	26
Ghana	0	1	0	10	5	0	0	144	22	100
Ivory Coast	0	0	0	0	0	0	0	0	0	20
Kenya	135	157	162	177	119	212	214	1 811	448	568
Libya	63	112	67	181	31	72	273	137	49	73
Morocco	402	581	567	919	1 142	526	419	944	869	922
Nigeria	49	85	103	95	65	51	8	111	161	0
Senegal	1	0	0	5	0	0	0	3	0	32
South Africa	10	116	139	32	17	10	13	11	6	11
Sudan	92	79	12	13	45	164	131	70	5	24
Tanzania	4	12	14	25	39	22	38	118	80	113
Tunisia	262	337	340	494	364	552	598	393	482	299
Other Africa	51	59	91	58	42	185	143	324	221	267
Africa	2 713	4 221	4 793	6 088	6 467	3 993	3 098	5 122	2 952	2 655
Bahrain	1	16	1	5	4	39	29	9	2	1
Iran	2 053	304	346	142	255	48	39	0	0	0
Iraq	29	13	2	0	0	0	40	0	0	0
Israel	66	8	20	57	37	2	14	10	19	0
Jordan	434	379	325	239	662	222	195	193	176	147
Kuwait	0	0	0	0	2	3	33	1	0	1
Lebanon	1 824	149	0	0	0	0	10	0	6	3
Oman	153	71	0	0	354	565	473	104	56	1
Qatar	28	0	5	0	4	0	1	16	173	131
Saudi Arabia	2 488	1 962	1 196	1 557	1 195	257	206	344	783	804
Syria	266	152	122	39	35	17	14	0	0	0
United Arab Emirates	330	130	121	5	732	1 397	1 261	487	567	453
Yemen	0	0	...	0	0	0	0	0	...	0
Middle East	7 670	3 183	2 139	2 045	3 280	2 551	2 316	1 164	1 782	1 541

Table 32 (continued)

Imports of ingots and semis

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bangladesh	1 002	1 026	916	460	875	129	27	10	1	1
China	402	611	347	301	288	522	1 081	3 105	18 394	13 781
Hong Kong, China	70	69	4	17	17	20	0	0	10	70
India	823	248	413	765	577	555	598	377	214	102
Indonesia	3 818	3 828	3 697	4 574	5 394	4 158	3 772	4 768	3 814	3 341
Japan	287	165	259	156	202	234	352	333	221	286
D.P.R. Korea (e)	0	...	0	0	...	0	3	...	...	...
South Korea	2 760	2 383	3 075	2 938	3 433	2 350	2 004	2 233	1 355	1 689
Malaysia	251	142	187	171	223	323	310	442	233	177
Myanmar	11	36	12	21	1	8	1	7	1	0
Pakistan	41	59	20	13	29	106	73	4	14	7
Philippines	328	311	172	431	1 034	2 129	3 394	2 652	2 508	2 407
Singapore	20	23	23	11	8	32	11	15	45	10
Sri Lanka	240	239	223	197	193	441	400	432	295	364
Taiwan, China	3 966	3 493	4 068	3 405	3 657	3 518	3 937	3 438	3 365	4 531
Thailand	3 991	3 684	3 127	3 171	4 940	3 002	3 321	4 175	2 926	3 220
Viet Nam	452	358	336	591	754	409	162	76	8	22
Other Asia	292	291	508	591	521	1 141	1 199	1 017	1 029	1 088
Asia	18 753	16 965	17 387	17 812	22 146	19 077	20 645	23 084	34 433	31 096
Australia	5	3	32	2	16	3	1	2	56	231
New Zealand	1	1	1	2	1	1	2	1	1	1
Other Oceania	19	9	14	17	16	28	13	17	15	11
Oceania	25	13	47	20	32	31	16	20	72	244
World	58 579	52 675	56 041	58 086	63 023	57 355	60 185	62 837	65 426	72 108

Table 33

Exports of long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	935	942	1 456	1 518	1 642	1 662	1 590	1 435	1 313	1 429
Belgium	1 484	1 284	1 390	1 324	1 265	1 400	1 950	1 412	1 036	1 688
Bulgaria	523	546	550	486	579	506	629	561	588	656
Croatia	8	16	59	54	55	24	49	32	33	36
Cyprus	...	0	0	0	0	0	...	...	0	0
Czechia	2 693	2 674	2 619	2 729	2 854	2 643	2 751	2 590	2 568	2 831
Denmark	204	200	171	201	204	225	226	198	192	180
Estonia	35	36	32	30	29	31	47	57	47	56
Germany	7 322	6 859	7 094	7 148	7 047	7 071	7 035	6 397	5 902	6 894
Finland	299	137	188	188	195	211	209	185	161	199
France	2 500	2 499	2 482	2 416	2 395	2 493	2 367	2 036	1 665	2 461
Greece	818	634	505	537	595	786	854	816	778	897
Hungary	164	222	208	190	223	248	269	285	294	317
Ireland	35	29	37	41	57	46	54	45	38	63
Italy	5 050	5 251	5 642	5 569	6 125	6 270	6 369	6 425	5 964	6 834
Latvia	837	312	58	235	99	50	73	66	52	45
Lithuania	220	192	194	247	297	296	312	241	287	342
Luxembourg	2 296	2 073	2 221	2 194	2 178	2 198	2 253	2 166	1 883	2 055
Malta	...	0	0	0	0	0	0	0	...	0
Netherlands	862	666	697	738	881	985	1 162	882	772	1 246
Poland	2 990	2 760	2 488	2 528	2 568	2 790	2 737	2 589	2 678	2 872
Portugal	1 343	1 517	1 705	1 571	1 600	1 602	1 471	1 483	1 410	1 312
Romania	569	317	356	423	439	488	467	436	370	528
Slovakia	592	711	506	324	336	322	332	336	341	441
Slovenia	182	191	209	214	237	282	303	239	214	269
Spain	6 359	6 157	6 387	6 184	5 849	5 634	5 488	5 648	4 796	5 387
Sweden	569	492	511	486	499	551	489	445	386	480
European Union (27)	38 887	36 717	37 767	37 576	38 250	38 814	39 486	37 006	33 767	39 518
<i>o/w: extra-E.U. (27)</i>	<i>13 701</i>	<i>13 441</i>	<i>13 958</i>	<i>13 316</i>	<i>12 157</i>	<i>11 197</i>	<i>10 319</i>	<i>9 534</i>	<i>8 119</i>	<i>8 342</i>
Albania	1	61	35	23	1	2	3	5	11	33
Bosnia-Herzegovina	312	316	352	390	416	409	309	355	344	373
Iceland	0	0	0	0	1	0	0	0	0	0
Macedonia	42	22	31	42	25	43	71	71	71	80
Montenegro	17	10	4	21	17	17	16	18	13	6
Norway	356	362	360	368	399	350	344	351	358	344
Serbia	24	35	30	29	23	48	47	53	60	115
Switzerland	645	670	640	666	663	721	721	554	513	680
Türkiye	11 774	11 447	10 993	10 183	10 193	9 257	10 632	10 554	10 212	12 239
United Kingdom	1 832	1 823	1 989	1 865	1 606	1 540	1 610	1 383	1 467	1 034
Other Europe	0	0	0	0	0	0	4	1	1	1
Other Europe	15 005	14 748	14 434	13 587	13 344	12 387	13 756	13 344	13 050	14 905
Belarus	1 217	1 222	1 287	1 428	1 550	1 496	1 627	1 741	1 679	1 558
Kazakhstan	44	61	133	114	133	170	173	220	216	155
Kyrgyzstan	9	8	6	2	0	0	0	...	...	0
Moldova	306	142	339	270	191	373	464	319	338	405
Russia	2 496	2 199	3 921	4 094	4 347	4 467	4 891	4 434	4 984	5 680
Ukraine	5 937	5 832	4 956	4 326	4 589	3 249	2 859	2 689	2 158	2 122
Other CIS	83	114	127	52	34	30	48	81	16	40
Russia & other CIS + Ukraine	10 090	9 579	10 769	10 285	10 845	9 787	10 063	9 483	9 391	9 960

Table 33 (continued)
Exports of long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	1 401	1 348	1 521	1 625	1 545	1 649	1 383	3 127	1 071	1 375
Cuba	34	6	1	8	...	...	0	...	0	0
Dominican Republic	39	30	39	40	26	34	53	66	54	70
Mexico	1 458	1 812	1 534	1 229	1 163	1 302	1 291	1 526	1 524	1 584
Trinidad and Tobago	163	101	129	56	3	0	0	0	0	...
United States	3 629	3 108	2 846	2 102	1 902	2 109	2 012	1 454	1 393	1 762
Other North America	21	25	40	266	323	396	135	851	9	16
North America	6 745	6 430	6 111	5 326	4 962	5 491	4 874	7 024	4 050	4 808
Argentina	332	284	168	86	71	104	27	21	7	20
Brazil	816	932	898	1 110	1 550	1 595	1 468	1 333	1 025	1 003
Chile	51	24	76	65	70	88	186	226	206	289
Colombia	10	5	4	3	6	11	4	3	5	4
Ecuador	6	8	6	5	6	10	22	30	13	18
Peru	152	155	168	156	203	196	202	239	131	190
Venezuela	46	1	1	...	14	1	4	3	4	29
Other South America	0	0	0	0	10	0	3	2	1	42
South America	1 413	1 409	1 321	1 424	1 931	2 006	1 917	1 857	1 392	1 596
Egypt	347	595	269	30	182	363	323	345	1 082	780
Libya	1	1	3	...	0	0	0	...	0	3
Morocco	44	7	0	0	11	27	61	32	2	30
South Africa	476	492	444	494	437	589	698	834	442	497
Other Africa	52	45	65	41	31	28	24	128	78	675
Africa	920	1 140	782	567	660	1 008	1 106	1 339	1 604	1 985
Iran	31	27	17	26	500	750	1 734	190	45	106
Israel	30	10	1	0	0	1	0	24	1	0
Oman	1	0	0	0	106	88	39	163	193	367
Qatar	8	0	0	0	225	239	1 408	966	360	47
Saudi Arabia	3	2	1	1	110	376	648	985	590	478
United Arab Emirates	39	97	207	184	855	667	583	1 067	1 111	1 263
Other Middle East	11	115	52	69	337	92	97	114	435	427
Middle East	122	251	278	280	2 133	2 212	4 509	3 508	2 735	2 689
China	17 565	23 512	38 327	52 351	49 482	21 956	18 745	15 362	12 091	12 774
Hong Kong, China	252	318	478	527	408	310	282	254	333	28
India	707	776	908	766	1 051	1 848	1 501	1 540	1 469	3 330
Indonesia	115	138	115	98	145	179	214	177	434	799
Japan	4 770	5 226	5 243	5 576	5 373	5 063	4 812	4 270	3 373	4 394
South Korea	3 449	3 613	3 836	3 421	3 436	3 488	3 798	3 695	3 293	3 096
Malaysia	493	390	387	378	426	431	507	2 060	6 165	5 831
Singapore	561	577	769	857	919	598	723	682	577	486
Taiwan, China	1 104	1 113	1 376	1 281	1 425	1 369	1 432	1 132	923	1 229
Thailand	832	889	872	768	771	790	870	789	541	...
Viet Nam	50	54	74	79	301	544	792	679	1 039	1 526
Other Asia	411	326	333	527	589	660	668	472	386	681
Asia	30 310	36 931	52 719	66 629	64 326	37 235	34 345	31 112	30 624	34 175
Australia	103	99	99	128	119	87	110	152	99	155
New Zealand	75	88	60	54	19	25	13	11	5	2
Other Oceania	0	0	0	0	0	0	0	0	0	0
Oceania	178	187	159	182	138	113	123	163	104	158
World	103 670	107 392	124 340	135 856	136 589	109 053	110 179	104 838	96 717	109 793

Table 34

Imports of long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	1 248	1 043	1 243	1 252	1 312	1 395	1 594	1 520	1 378	1 606
Belgium	1 579	1 435	1 576	1 534	1 790	1 833	2 287	1 921	1 674	2 289
Bulgaria	353	348	367	388	374	428	471	501	397	445
Croatia	274	219	258	280	307	330	319	405	397	419
Cyprus	132	91	79	111	121	184	219	279	244	242
Czechia	1 436	1 324	1 160	1 320	1 306	1 420	1 601	1 472	1 367	1 601
Denmark	424	416	417	450	499	481	509	462	504	580
Estonia	81	82	89	77	131	150	185	199	168	232
Germany	6 265	6 088	6 896	6 941	7 435	7 454	7 600	6 492	5 763	6 994
Finland	436	420	456	437	508	546	536	510	505	555
France	3 028	2 964	2 973	2 876	3 086	3 344	3 455	3 403	3 086	3 614
Greece	185	201	235	226	247	245	274	297	320	314
Hungary	524	550	573	688	770	828	950	936	844	996
Ireland	229	220	258	352	367	411	448	494	430	481
Italy	2 124	2 187	2 381	2 717	2 679	2 898	3 274	2 598	2 257	2 920
Latvia	173	170	173	131	127	150	251	215	134	191
Lithuania	437	445	481	526	674	627	697	628	624	815
Luxembourg	246	237	233	283	270	267	345	264	241	261
Malta	26	21	30	31	33	33	50	56	62	80
Netherlands	2 594	2 024	2 271	2 096	3 047	3 232	3 925	3 570	3 105	3 422
Poland	1 493	1 674	2 183	2 129	2 148	2 384	2 844	2 476	2 303	3 127
Portugal	519	706	641	623	645	771	738	837	704	871
Romania	1 052	1 031	1 153	1 389	1 416	1 490	1 765	1 873	2 105	2 196
Slovakia	721	826	819	823	920	904	829	919	1 029	1 377
Slovenia	299	286	318	331	349	351	424	368	369	440
Spain	959	953	1 055	1 143	1 174	1 308	1 583	1 439	1 230	1 514
Sweden	812	804	880	916	909	923	915	922	868	1 027
European Union (27)	27 647	26 767	29 196	30 070	32 643	34 386	38 088	35 057	32 105	38 611
o/w: extra-E.U. (27)	6 907	6 870	7 858	8 251	8 135	8 074	10 195	8 309	7 133	8 836
Albania	178	112	93	149	185	121	115	152	183	277
Bosnia-Herzegovina	78	103	100	121	142	164	153	140	156	196
Iceland	20	60	23	26	38	35	45	43	32	35
Macedonia	83	111	93	126	151	119	115	102	105	105
Montenegro	11	10	10	43	56	70	15	26	22	22
Norway	308	320	338	308	349	332	365	336	333	350
Serbia	279	243	292	283	322	334	420	460	503	463
Switzerland	1 116	1 144	1 155	1 106	1 265	1 270	1 287	1 226	1 142	1 158
Türkiye	1 301	1 456	1 443	1 558	1 662	1 440	1 298	1 076	992	1 423
United Kingdom	1 772	1 895	2 313	2 189	2 055	2 132	2 216	2 106	1 491	2 002
Other Europe	70	70	71	144	68	104	86	120	84	107
Other Europe	5 217	5 522	5 931	6 051	6 293	6 122	6 115	5 787	5 042	6 138
Armenia	47	49	48	37	47	48	76	46	67	19
Azerbaijan	429	540	534	327	183	162	222	197	222	111
Belarus	688	740	641	500	491	602	618	650	608	554
Georgia	149	152	187	207	208	150	207	136	178	121
Kazakhstan	158	194	111	55	55	51	98	114	42	70
Kyrgyzstan	107	134	152	130	139	137	168	191	199	204
Moldova	54	83	72	71	89	67	79	81	81	59
Russia	2 611	2 768	2 270	1 232	1 081	1 700	1 763	1 573	1 260	1 037
Tajikistan	95	133	153	244	168	151	196	197	239	197
Turkmenistan	455	541	575	516	333	112	129	131	252	67
Ukraine	417	371	284	207	312	480	590	521	457	415
Uzbekistan	151	193	214	183	203	338	261	318	318	227
Russia & other CIS + Ukraine	5 358	5 898	5 240	3 710	3 307	3 997	4 408	4 156	3 923	3 080

Table 34 (continued)

Imports of long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	3 074	2 672	3 021	2 539	2 589	2 758	2 824	2 334	2 320	2 787
Costa Rica	54	91	127	158	162	143	190	132	100	130
Cuba	60	62	37	86	57	54	46	47	16	15
Dominican Republic	97	132	143	252	193	258	274	217	188	283
El Salvador	39	57	68	114	146	129	74	97	49	101
Guatemala	96	169	279	538	276	242	202	260	247	369
Honduras	41	62	72	85	178	138	150	53	38	76
Jamaica	104	80	122	141	111	150	127	170	142	238
Mexico	1 647	1 524	1 572	1 815	1 615	1 803	1 509	1 431	1 012	1 462
Nicaragua	32	25	44	74	125	78	78	70	61	134
Panama	261	437	425	361	385	277	290	246	1 628	146
Trinidad and Tobago	61	93	133	124	139	126	127	118	96	112
United States	4 979	5 418	7 147	7 567	7 238	6 864	5 370	4 694	3 965	5 182
Other North America	82	81	98	183	192	211	186	356	300	228
North America	10 626	10 902	13 288	14 035	13 405	13 232	11 448	10 225	10 164	11 263
Argentina	341	334	318	389	228	330	232	254	234	421
Bolivia	277	335	364	359	436	370	388	457	302	384
Brazil	1 298	1 329	1 358	1 072	580	550	553	599	501	1 349
Chile	443	472	393	487	394	418	474	554	426	614
Colombia	730	922	946	1 189	1 009	843	1 015	988	702	1 030
Ecuador	221	251	259	214	207	137	125	106	91	79
Paraguay	75	152	163	112	105	129	169	126	95	122
Peru	695	672	752	808	805	694	891	1 021	552	1 157
Uruguay	44	56	73	91	40	46	53	207	99	94
Venezuela	324	170	153	218	35	19	6	14	13	8
Other South America	32	33	32	50	39	42	39	53	52	62
South America	4 481	4 727	4 810	4 989	3 879	3 578	3 946	4 381	3 067	5 320
Algeria	3 732	3 936	4 480	4 460	3 502	1 445	866	1 134	547	189
Cameroon	120	88	161	195	135	83	81	82	125	99
Egypt	784	446	1 533	2 538	2 761	71	35	31	18	173
Ghana	342	338	403	409	397	273	301	275	410	383
Ivory Coast	89	140	156	180	205	218	187	188	302	380
Kenya	153	249	416	597	493	280	277	275	537	310
Libya	528	574	370	111	74	26	58	118	65	100
Morocco	537	644	685	652	627	561	519	714	578	451
Nigeria	586	553	447	417	324	80	198	227	137	125
Senegal	269	222	280	290	379	347	431	425	422	502
South Africa	281	335	265	349	330	236	185	172	144	207
Sudan	49	58	57	164	193	85	63	63	244	33
Tanzania	137	215	201	222	154	145	209	350	191	163
Tunisia	212	201	261	255	342	271	273	192	135	152
Other Africa	2 244	2 449	2 535	2 830	2 289	1 615	1 832	2 262	1 921	1 622
Africa	10 064	10 448	12 249	13 669	12 208	5 737	5 516	6 508	5 775	4 889
Bahrain	46	34	28	61	304	367	304	262	199	166
Iran	650	679	829	592	551	452	193	58	45	40
Iraq	2 614	2 927	1 993	1 620	1 395	1 213	1 591	948	697	475
Israel	1 025	1 236	1 468	1 667	1 943	1 868	2 045	2 198	2 268	2 623
Jordan	417	232	236	339	254	179	185	163	154	171
Kuwait	176	164	255	325	352	135	159	495	196	139
Lebanon	871	1 079	1 195	878	1 175	846	693	481	295	254
Oman	113	148	459	547	521	121	445	267	96	84
Qatar	85	45	74	102	172	138	203	124	197	118
Saudi Arabia	2 147	1 604	1 531	2 092	2 422	1 132	748	1 781	1 508	900
Syria	128	51	120	167	137	139	119	61	271	138
United Arab Emirates	2 249	1 908	2 360	2 502	2 374	834	672	577	680	552
Yemen	549	727	747	327	659	765	870	1 134	1 009	962
Other Middle East	...	...	0	2	0	0	0	...	...	...
Middle East	11 071	10 833	11 295	11 221	12 258	8 190	8 227	8 550	7 615	6 621

Table 34 (continued)

Imports of long products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bangladesh	96	105	210	1 407	670	235	397	298	227	203
China	1 531	1 723	1 835	1 593	1 699	1 789	1 612	1 617	3 708	3 928
Hong Kong, China	1 600	2 032	2 571	2 695	2 387	2 156	1 985	2 047	2 118	2 204
India	963	881	1 626	2 015	1 423	1 062	1 198	1 112	668	686
Indonesia	1 824	2 099	1 907	1 775	1 798	1 564	1 839	1 837	1 224	1 360
Japan	979	963	1 154	970	988	1 002	1 016	1 111	851	868
D.P.R. Korea (e)	56	52	71	106	86	33	0	0	...	...
South Korea	4 685	4 854	5 489	6 042	6 170	5 230	3 592	4 070	3 013	4 119
Malaysia	1 612	2 114	2 958	3 454	3 791	2 065	2 378	1 738	1 442	1 556
Myanmar	575	776	1 352	1 475	1 311	1 118	1 136	1 183	1 378	377
Pakistan	160	169	400	684	743	535	449	176	146	176
Philippines	257	334	3 175	4 146	3 305	2 273	2 210	1 490	1 501	1 611
Singapore	2 390	2 987	2 814	3 274	2 492	2 093	2 190	2 135	1 377	1 823
Sri Lanka	153	130	196	449	508	230	217	148	130	156
Taiwan, China	867	1 143	1 230	1 067	1 166	1 143	1 253	1 075	1 158	1 651
Thailand	2 109	2 475	2 787	2 623	2 899	2 384	2 632	2 652	2 099	...
Viet Nam	1 271	1 733	2 485	4 130	3 798	1 858	1 718	1 956	1 423	1 400
Other Asia	919	1 045	974	1 819	1 483	1 737	1 895	2 142	1 361	1 072
Asia	22 047	25 616	33 236	39 723	36 715	28 505	27 714	26 786	23 823	23 190
Australia	848	730	855	806	914	1 126	1 077	785	690	327
New Zealand	114	130	138	164	167	172	178	157	111	176
Other Oceania	55	56	62	69	78	68	73	66	66	66
Oceania	1 017	916	1 054	1 039	1 160	1 366	1 328	1 008	867	568
World	97 529	101 630	116 299	124 507	121 867	105 113	106 789	102 459	92 381	99 681

Table 35

Exports of flat products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	4 383	4 573	4 732	4 978	4 812	5 199	4 800	4 633	4 211	4 743
Belgium	12 260	11 923	12 234	13 394	14 608	15 789	15 415	15 032	11 419	13 184
Bulgaria	328	272	314	267	242	307	288	267	222	276
Croatia	9	17	16	18	30	21	29	31	24	30
Cyprus	0	0	0	...	0	0	0	0	...	...
Czechia	959	1 107	965	1 011	1 186	1 011	1 086	994	1 165	1 320
Denmark	475	499	514	569	643	662	725	741	653	768
Estonia	143	54	63	57	63	82	73	82	71	79
Germany	13 382	12 650	12 993	13 481	13 723	14 695	13 984	13 738	11 765	13 016
Finland	1 291	1 356	1 491	1 549	1 707	1 742	1 736	1 675	910	1 941
France	8 760	9 565	10 395	10 102	9 953	10 568	10 065	9 482	7 064	8 577
Greece	127	135	180	86	88	90	94	94	84	109
Hungary	1 365	1 347	1 216	1 087	976	1 461	1 643	1 384	1 273	981
Ireland	6	8	11	12	21	21	23	25	20	28
Italy	8 341	7 225	7 142	6 698	7 316	7 238	6 905	6 649	4 933	6 176
Latvia	206	225	276	272	322	350	345	351	373	421
Lithuania	36	35	41	44	38	38	36	39	44	47
Luxembourg	534	619	756	682	705	677	704	670	445	220
Malta	...	...	...	0	0	0	0	0	0	...
Netherlands	7 155	6 912	7 817	8 481	8 080	8 278	8 699	8 222	6 835	7 993
Poland	1 333	1 319	1 307	1 358	1 574	2 253	2 055	1 855	1 436	1 725
Portugal	227	295	337	392	431	443	463	459	454	479
Romania	1 312	1 191	1 125	1 448	1 444	1 420	1 411	1 545	1 512	1 702
Slovakia	3 398	3 602	3 736	3 597	3 894	3 881	3 878	3 426	2 814	3 986
Slovenia	559	538	571	707	700	744	803	772	707	845
Spain	2 068	1 888	2 268	2 453	2 409	2 033	1 962	2 581	2 066	3 015
Sweden	2 294	2 270	2 371	2 426	2 849	2 975	2 576	2 638	2 319	2 805
European Union (27)	70 950	69 626	72 873	75 170	77 813	81 980	79 800	77 383	62 818	74 466
o/w: extra-E.U. (27)	18 284	19 992	21 657	19 075	16 569	17 163	15 984	16 075	13 442	13 025
Macedonia	321	237	290	286	321	363	346	340	328	379
Norway	77	70	67	69	74	67	60	54	45	52
Serbia	252	277	418	717	849	973	1 288	1 361	966	881
Switzerland	131	114	113	113	94	100	100	90	78	97
Türkiye	1 863	2 379	2 501	2 437	3 093	4 293	6 109	5 747	5 551	6 644
United Kingdom	1 728	2 429	2 426	2 118	1 512	1 805	1 550	1 571	1 458	1 314
Other Europe	8	3	9	8	3	3	3	3	2	5
Other Europe	4 380	5 510	5 823	5 749	5 946	7 604	9 456	9 166	8 427	9 373
Belarus	9	28	21	12	16	18	16	21	15	70
Kazakhstan	823	837	1 090	1 255	1 692	1 009	640	325	754	593
Russia	7 669	7 017	8 341	9 041	9 712	9 378	9 218	7 631	8 227	9 202
Ukraine	6 562	6 752	6 275	4 940	5 298	4 968	5 157	5 128	4 973	6 102
Other CIS	3	1	5	2	4	3	8	1	0	18
Russia & other CIS + Ukraine	15 066	14 635	15 733	15 251	16 721	15 377	15 038	13 107	13 970	15 985
Canada	2 957	3 037	3 256	3 207	3 409	3 581	3 839	3 452	3 210	4 982
Mexico	1 099	1 308	1 255	1 007	1 126	1 130	1 181	891	748	1 177
United States	6 734	6 591	6 545	6 049	5 868	6 588	5 275	4 782	4 032	5 356
Other North America	4	4	12	206	245	373	197	100	8	24
North America	10 794	10 940	11 069	10 470	10 648	11 672	10 493	9 225	7 997	11 540
Argentina	190	177	188	144	150	161	14	0	0	0
Brazil	1 960	1 513	2 146	3 518	2 982	3 592	2 532	2 188	1 460	2 173
Chile	11	12	11	8	9	8	23	10	5	7
Colombia	92	77	75	39	46	53	43	27	20	22
Venezuela	98	80	19	72	27	0	11	21	0	5
Other South America	11	6	5	8	5	4	6	17	9	21
South America	2 361	1 865	2 445	3 789	3 219	3 818	2 630	2 262	1 493	2 229

Table 35 (continued)

Exports of flat products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Egypt	474	1 141	770	135	606	987	921	777	3 215	1 207
Libya	10	7	...	0	2	17	48	0	6	35
Morocco	88	77	43	31	95	126	80	66	83	119
South Africa	1 477	1 221	1 630	1 360	1 490	1 384	1 512	1 142	482	745
Other Africa	65	49	36	14	4	5	81	182	153	203
Africa	2 114	2 495	2 479	1 540	2 198	2 519	2 642	2 166	3 938	2 310
Iran	225	248	695	1 179	1 631	627	995	171	85	42
Qatar	3	0	0	0	1	0	1	16	0	0
Saudi Arabia	85	88	32	61	651	418	351	914	514	667
United Arab Emirates	75	48	80	58	1 559	909	698	648	467	508
Other Middle East	16	3	3	2	12	22	42	34	46	27
Middle East	404	387	811	1 299	3 853	1 977	2 087	1 784	1 112	1 245
China	26 966	27 642	43 671	48 465	48 127	43 239	40 302	38 444	31 044	44 866
Hong Kong, China	881	742	769	595	557	506	405	301	222	138
India	4 445	6 369	5 899	4 373	5 791	9 749	5 513	7 541	8 425	10 150
Indonesia	255	147	448	487	552	927	2 095	2 795	2 351	4 206
Japan	28 136	28 504	27 783	28 589	28 812	26 119	25 166	23 696	21 114	24 730
South Korea	21 625	20 800	23 132	24 831	24 430	23 611	23 285	23 999	21 814	21 351
Malaysia	391	350	428	495	596	710	698	688	372	619
Singapore	1 059	1 068	800	504	494	473	550	687	842	486
Taiwan, China	8 587	9 251	9 683	9 229	9 709	9 834	9 966	9 485	8 627	9 137
Thailand	249	251	243	211	297	428	451	324	220	...
Viet Nam	796	915	1 097	1 154	1 869	2 326	3 150	2 980	2 522	5 331
Other Asia	670	457	443	439	407	369	463	428	503	905
Asia	94 060	96 497	114 396	119 372	121 642	118 293	112 043	111 367	98 056	121 919
Australia	443	438	447	579	529	809	724	886	721	375
New Zealand	327	368	208	273	159	161	200	153	186	106
Other Oceania	0	0	0	0	0	0	0	0	0	3
Oceania	770	806	655	852	688	970	923	1 039	907	483
World	200 899	202 761	226 284	233 494	242 728	244 210	235 112	227 499	198 719	239 548

Table 36

Imports of flat products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	1 840	1 718	1 806	1 933	2 017	2 205	2 197	2 000	1 763	2 193
Belgium	5 921	6 472	6 805	7 809	8 710	9 359	9 195	8 014	5 798	8 615
Bulgaria	613	659	649	808	845	888	857	942	889	932
Croatia	298	309	321	382	416	369	359	345	331	467
Cyprus	23	25	23	27	26	25	33	38	36	30
Czechia	3 715	3 665	3 766	3 844	3 991	4 311	4 364	4 310	3 907	5 674
Denmark	1 109	1 063	1 037	1 106	1 102	1 088	1 096	1 139	1 009	1 042
Estonia	357	283	293	281	328	376	379	393	350	417
Germany	12 527	12 353	13 009	13 716	14 787	14 955	14 686	13 161	10 062	12 702
Finland	453	441	398	367	391	419	412	424	372	397
France	7 082	7 197	7 350	7 386	7 813	8 436	8 247	8 367	6 373	7 042
Greece	822	853	907	823	1 026	1 006	1 218	1 023	923	927
Hungary	872	1 008	1 113	1 136	1 330	1 550	1 614	1 568	1 401	1 859
Ireland	164	166	197	208	219	231	221	263	251	294
Italy	7 748	9 376	10 165	12 491	12 206	12 147	12 266	12 236	8 873	12 602
Latvia	351	389	459	457	608	473	582	488	519	601
Lithuania	204	222	234	240	247	279	281	300	292	332
Luxembourg	648	742	773	730	786	754	791	640	377	272
Malta	4	6	6	5	5	5	3	3	3	3
Netherlands	3 153	3 055	3 247	3 343	3 665	3 972	4 826	4 742	3 710	5 422
Poland	5 115	5 085	5 855	6 153	6 837	6 977	7 467	7 029	7 038	8 558
Portugal	1 242	1 618	1 706	1 919	1 969	2 085	2 206	2 165	1 877	2 476
Romania	1 240	1 217	1 390	1 389	1 481	1 659	1 548	1 550	1 284	1 627
Slovakia	1 163	1 367	1 436	1 544	1 699	1 779	1 826	1 724	2 272	3 809
Slovenia	724	727	780	947	991	1 054	1 164	1 119	1 037	1 285
Spain	5 265	5 254	5 598	6 315	6 513	7 028	7 369	6 964	5 970	7 075
Sweden	2 065	1 889	1 718	1 586	1 957	2 210	2 263	2 414	1 778	2 159
European Union (27)	64 718	67 161	71 041	76 944	81 965	85 641	87 472	83 360	68 496	88 813
o/w: extra-E.U. (27)	18 178	19 754	21 648	25 108	21 102	21 251	22 821	20 525	17 473	24 597
Albania	59	47	51	72	61	76	98	112	120	105
Bosnia-Herzegovina	173	137	129	151	206	216	216	231	212	217
Iceland	10	29	10	14	13	12	11	12	8	11
Macedonia	212	181	206	311	427	339	316	285	393	355
Montenegro	5	11	10	15	12	46	22	17	16	17
Norway	396	331	347	309	326	318	296	310	252	298
Serbia	238	297	294	298	233	304	360	379	393	421
Switzerland	1 051	1 027	1 040	961	974	995	1 014	890	775	1 164
Türkiye	6 446	7 117	6 730	8 608	8 666	9 017	7 492	7 479	7 175	9 675
United Kingdom	3 536	3 107	3 680	3 615	4 084	4 137	3 923	3 648	2 341	3 205
Other Europe	41	40	37	50	39	36	32	29	22	29
Other Europe	12 169	12 323	12 533	14 402	15 040	15 498	13 779	13 391	11 707	15 497
Armenia	22	23	26	20	26	35	42	33	31	34
Azerbaijan	271	367	380	238	248	240	216	297	221	196
Belarus	1 175	1 151	922	732	782	879	933	932	881	990
Georgia	148	132	162	125	155	185	186	202	207	135
Kazakhstan	205	182	469	175	184	201	153	165	149	180
Kyrgyzstan	115	140	141	103	96	86	94	119	108	97
Moldova	37	40	46	45	50	52	55	62	69	72
Russia	3 432	2 950	3 391	2 664	2 785	3 913	3 712	3 772	2 931	3 423
Tajikistan	68	98	99	111	116	119	142	136	148	127
Turkmenistan	31	48	46	37	34	27	21	42	53	32
Ukraine	1 007	1 209	785	530	727	796	808	851	722	703
Uzbekistan	479	621	716	624	597	799	1 006	1 207	1 266	1 128
Russia & other CIS + Ukraine	6 989	6 962	7 182	5 404	5 802	7 331	7 365	7 818	6 786	7 116

Table 36 (continued)

Imports of flat products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	3 853	3 912	4 546	3 630	3 744	3 802	3 623	2 872	2 369	3 950
Costa Rica	265	273	289	293	371	340	378	295	311	365
Cuba	79	98	71	155	96	102	82	75	40	28
Dominican Republic	127	158	155	219	170	228	244	242	192	378
El Salvador	137	183	157	194	222	232	255	206	169	280
Guatemala	257	316	297	350	411	465	365	359	388	503
Honduras	164	126	159	204	226	289	241	259	300	442
Jamaica	14	16	12	11	15	20	20	16	14	17
Mexico	5 854	5 437	6 118	6 773	6 826	8 131	7 362	7 402	6 108	8 435
Nicaragua	60	39	62	86	89	71	44	31	38	73
Panama	95	167	160	160	144	181	152	129	23	136
Trinidad and Tobago	63	57	69	66	51	62	49	67	39	43
United States	10 179	9 824	15 640	14 734	12 687	12 545	11 522	9 062	7 518	12 700
Other North America	42	42	41	46	54	70	61	66	56	54
North America	21 189	20 647	27 777	26 922	25 105	26 540	24 399	21 081	17 565	27 408
Argentina	518	400	396	627	377	662	593	295	246	559
Bolivia	64	48	58	31	182	149	79	57	48	64
Brazil	2 101	1 989	2 315	1 839	904	1 529	1 499	1 353	1 168	2 404
Chile	1 082	1 009	1 174	1 253	1 190	1 314	1 332	1 359	1 225	1 751
Colombia	1 356	1 193	1 536	1 304	1 313	1 267	1 308	1 263	873	1 551
Ecuador	628	722	713	689	608	850	604	801	664	954
Paraguay	76	122	186	180	180	226	274	202	108	142
Peru	854	682	839	781	888	794	821	963	743	1 084
Uruguay	64	111	102	95	81	98	89	271	64	107
Venezuela	388	280	311	293	65	29	7	16	19	36
Other South America	28	38	33	36	28	31	34	37	32	42
South America	7 158	6 593	7 662	7 128	5 814	6 950	6 640	6 617	5 191	8 695
Algeria	678	709	956	1 065	862	936	697	839	678	433
Cameroon	44	56	55	55	68	61	74	74	97	94
Egypt	901	855	1 212	1 375	1 633	289	168	117	93	666
Ghana	279	298	282	328	320	308	327	442	469	549
Ivory Coast	105	111	124	152	179	170	189	159	228	236
Kenya	623	826	712	850	845	836	882	1 007	1 179	1 092
Libya	92	185	130	116	55	28	42	100	61	64
Morocco	299	347	350	470	308	381	349	465	389	373
Nigeria	922	1 206	1 069	939	740	737	959	882	997	859
Senegal	76	77	84	101	105	97	134	123	144	146
South Africa	646	1 088	850	1 149	912	786	676	800	834	1 329
Sudan	240	205	199	279	314	338	216	307	250	126
Tanzania	248	339	310	382	337	338	407	450	448	580
Tunisia	299	318	292	272	265	294	383	407	396	422
Other Africa	1 282	1 526	1 605	1 727	1 724	1 652	1 794	1 932	1 692	1 624
Africa	6 735	8 146	8 231	9 258	8 671	7 252	7 297	8 104	7 955	8 594
Bahrain	52	29	25	37	65	97	78	68	59	51
Iran	2 049	1 728	3 024	4 140	3 533	2 280	1 309	209	240	214
Iraq	313	433	442	478	548	546	579	588	764	530
Israel	714	804	676	784	808	777	777	773	710	949
Jordan	367	235	269	256	415	331	379	340	418	253
Kuwait	243	200	234	321	302	276	390	404	246	239
Lebanon	284	248	259	289	303	303	234	249	119	162
Oman	257	183	247	292	391	422	445	493	359	367
Qatar	49	75	79	100	140	178	265	213	247	210
Saudi Arabia	2 557	2 056	2 736	2 815	2 646	2 110	2 025	4 521	3 697	1 768
Syria	210	56	84	86	77	110	124	97	48	51
United Arab Emirates	2 371	2 151	2 684	2 772	3 004	3 255	2 935	3 236	2 911	3 200
Yemen	82	90	116	62	115	100	113	153	163	91
Other Middle East	...	...	...	1	0	0	0	...	...	...
Middle East	9 548	8 288	10 873	12 432	12 348	10 785	9 653	11 344	9 982	8 082

Table 36 (continued)

Imports of flat products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bangladesh	1 118	1 265	1 507	2 020	2 394	2 177	2 461	2 556	2 125	2 062
China	11 666	11 885	12 082	10 774	11 081	11 062	11 107	10 324	15 294	9 642
Hong Kong, China	1 140	1 052	996	762	715	694	587	462	365	386
India	6 868	5 648	6 744	9 829	7 119	6 573	6 259	6 470	3 542	4 397
Indonesia	5 117	5 231	4 556	4 336	4 745	5 136	5 402	6 101	3 546	4 997
Japan	4 100	3 908	4 884	4 423	4 474	4 653	4 329	4 678	3 691	4 014
D.P.R. Korea (e)	50	61	79	96	131	116	0	0	0	...
South Korea	11 983	10 783	12 861	11 784	12 832	10 962	8 611	9 318	6 555	7 599
Malaysia	3 187	3 463	3 563	3 748	4 371	4 486	4 665	4 766	3 748	4 225
Myanmar	342	412	600	674	789	620	694	819	715	393
Pakistan	1 663	1 690	1 926	2 456	3 321	3 084	2 765	2 254	1 984	2 977
Philippines	944	1 118	2 926	2 752	2 691	2 710	3 045	2 706	2 262	2 743
Singapore	1 938	2 172	1 728	1 206	1 216	996	1 214	1 374	1 267	1 082
Sri Lanka	181	176	219	260	323	343	351	294	349	382
Taiwan, China	2 467	2 902	3 350	2 827	2 837	2 565	2 274	2 609	2 607	3 132
Thailand	8 428	9 029	8 347	8 135	8 970	8 415	8 768	9 270	7 567	...
Viet Nam	5 738	7 526	9 090	11 100	14 562	13 588	11 870	12 967	11 793	11 215
Other Asia	784	634	999	1 625	1 152	1 214	1 378	1 285	1 039	1 136
Asia	67 712	68 956	76 456	78 805	83 722	79 396	75 783	78 252	68 448	60 381
Australia	980	629	808	714	634	671	661	569	540	299
New Zealand	129	142	145	138	148	132	111	122	75	101
Other Oceania	39	44	34	66	85	67	66	55	62	65
Oceania	1 147	816	987	918	867	870	838	745	677	465
World	197 366	199 892	222 742	232 213	239 336	240 261	233 226	230 712	196 806	225 052

Table 37

Exports of tubular products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	777	759	802	657	591	764	791	700	502	619
Belgium	340	344	310	274	335	349	368	341	308	416
Bulgaria	101	103	119	171	226	522	451	280	299	302
Croatia	10	11	13	14	15	12	16	20	18	20
Cyprus	1	1	1	1	0	4	0	3	12	3
Czechia	562	566	628	577	539	562	584	491	440	476
Denmark	91	68	83	141	74	68	66	62	59	63
Estonia	13	13	16	14	15	21	24	28	30	32
Germany	3 298	2 700	2 509	2 419	2 675	2 528	2 979	2 288	1 886	2 165
Finland	51	30	34	33	31	32	162	1 652	29	37
France	995	880	723	584	417	436	450	440	291	324
Greece	208	158	180	323	194	235	477	275	405	230
Hungary	146	168	137	125	128	141	138	151	119	78
Ireland	9	10	14	17	40	22	20	23	24	23
Italy	3 441	3 209	3 533	3 411	3 573	3 548	3 696	3 734	3 184	3 169
Latvia	30	47	58	62	62	56	66	56	36	38
Lithuania	21	25	27	31	37	44	43	55	67	77
Luxembourg	1	1	1	2	2	4	4	2	3	5
Malta	0	0	1	0	0	7	0	1	0	0
Netherlands	522	495	526	593	493	618	586	542	468	559
Poland	366	349	386	398	421	447	492	526	524	597
Portugal	119	156	170	202	200	208	215	235	261	308
Romania	584	586	652	593	528	623	646	598	571	674
Slovakia	313	292	325	284	296	301	296	294	284	329
Slovenia	20	14	22	20	22	32	70	87	97	114
Spain	727	719	738	602	621	746	737	725	659	707
Sweden	709	116	113	99	94	92	88	938	88	87
European Union (27)	13 458	11 820	12 119	11 645	11 631	12 418	13 467	14 544	10 663	11 452
o/w: extra-E.U. (27)	5 768	4 704	4 628	4 168	3 470	3 995	4 083	5 857	2 645	2 593
Macedonia	120	113	110	124	167	189	200	150	161	152
Norway	61	43	63	49	56	49	44	87	51	63
Serbia	19	26	29	30	45	58	63	62	74	64
Switzerland	234	226	231	250	240	239	237	189	133	152
Türkiye	1 900	1 851	1 864	1 354	1 724	1 868	1 987	1 900	1 930	1 976
United Kingdom	690	546	547	538	552	455	449	476	628	461
Other Europe	42	26	5	4	17	16	12	12	9	13
Other Europe	3 067	2 831	2 847	2 350	2 802	2 874	2 994	2 877	2 986	2 880
Azerbaijan	46	49	31	11	7	44	54	5	15	17
Belarus	229	236	228	206	204	234	259	230	203	259
Kazakhstan	40	31	57	46	10	7	11	6	12	29
Russia	972	625	1 618	1 231	1 307	2 156	2 475	2 114	1 942	1 825
Ukraine	1 536	1 177	966	600	508	632	659	616	477	605
Other CIS	10	33	27	24	8	7	12	11	8	19
Russia & other CIS + Ukraine	2 832	2 153	2 927	2 118	2 044	3 079	3 472	2 983	2 657	2 755
Canada	1 121	1 058	1 028	994	735	966	1 031	729	624	703
Mexico	969	1 104	1 238	896	1 018	1 652	1 302	997	815	1 006
United States	2 108	2 087	1 947	1 369	1 070	1 268	1 123	873	705	792
Other North America	23	24	21	25	136	84	102	124	32	105
North America	4 221	4 273	4 235	3 285	2 958	3 970	3 558	2 724	2 177	2 605
Argentina	596	497	507	166	191	432	88	32	13	23
Brazil	235	335	410	346	275	520	698	555	362	299
Chile	18	11	5	6	4	10	4	4	3	3
Colombia	76	32	21	20	13	25	49	38	21	31
Venezuela	0	0	0	0	0	0	0	0	6	1
Other South America	37	47	47	38	56	63	74	288	66	823
South America	962	922	990	576	539	1 050	913	917	472	1 180

Table 37 (continued)

Exports of tubular products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
South Africa	137	131	178	166	109	201	288	372	200	93
Other Africa	64	87	66	25	24	23	23	50	71	22
Africa	201	219	244	191	133	224	312	422	270	115
Iran	2	3	0	1	128	114	255	9	3	1
Qatar	2	0	0	0	0	0	1	49	0	0
Saudi Arabia	94	86	60	61	358	312	195	428	175	210
United Arab Emirates	101	111	143	185	266	321	302	414	315	394
Other Middle East	92	96	92	52	84	119	137	139	89	112
Middle East	290	296	297	298	836	865	889	1 040	582	717
China	9 931	10 061	10 504	10 286	10 102	9 241	9 269	9 420	7 844	8 118
Hong Kong, China	32	27	33	29	23	23	17	13	18	11
India	1 989	1 430	1 463	1 215	1 345	1 602	1 251	1 226	976	1 162
Indonesia	527	368	465	782	150	286	248	192	195	193
Japan	2 937	2 715	2 894	1 745	1 730	1 915	1 750	1 620	1 229	957
South Korea	3 070	3 085	3 975	2 352	2 301	3 260	2 198	1 872	1 672	1 753
Malaysia	817	717	1 163	812	280	508	255	249	260	278
Singapore	569	555	463	303	248	336	281	350	279	192
Taiwan, China	504	505	578	452	430	620	697	566	388	411
Thailand	362	297	276	255	256	362	404	402	287	...
Viet Nam	348	329	223	234	362	507	656	612	429	308
Other Asia	662	507	435	212	237	308	394	373	297	415
Asia	21 748	20 597	22 472	18 677	17 464	18 969	17 420	16 895	13 873	13 796
Australia	45	38	45	61	65	39	42	44	67	63
New Zealand	6	7	5	4	7	3	5	3	2	3
Other Oceania	0	0	0	0	0	0	2	2	0	1
Oceania	51	45	50	66	71	43	49	49	70	66
World	46 830	43 156	46 179	39 206	38 480	43 493	43 074	42 450	33 750	35 567

Table 38

Imports of tubular products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	370	366	328	327	316	327	359	354	324	364
Belgium	531	502	492	476	514	673	571	525	555	599
Bulgaria	67	75	504	144	254	86	89	227	229	71
Croatia	68	81	81	92	107	103	104	116	101	107
Cyprus	7	14	6	6	7	42	84	11	23	14
Czechia	394	419	483	533	513	553	565	608	495	528
Denmark	276	201	219	223	223	244	219	200	291	251
Estonia	68	62	69	60	80	81	112	115	95	119
Germany	2 022	1 903	2 026	2 026	2 257	2 185	2 214	2 173	1 778	2 180
Finland	147	139	146	141	142	985	469	165	142	145
France	1 186	1 153	1 111	1 088	1 150	1 251	1 297	1 229	1 044	1 176
Greece	43	59	82	72	133	106	101	97	99	110
Hungary	154	173	182	196	219	246	253	266	241	248
Ireland	59	57	76	86	86	104	128	118	109	126
Italy	728	742	802	780	765	969	923	823	729	824
Latvia	54	80	72	62	60	71	93	75	76	93
Lithuania	86	91	122	116	119	148	154	178	186	201
Luxembourg	7	8	6	8	10	9	14	97	81	13
Malta	2	3	3	7	3	3	3	4	3	2
Netherlands	742	649	681	592	638	778	969	878	719	879
Poland	616	591	621	634	744	885	971	847	785	950
Portugal	94	108	121	121	119	141	137	152	154	153
Romania	259	258	309	310	338	384	492	511	501	506
Slovakia	168	176	217	225	220	222	228	247	198	229
Slovenia	77	77	82	92	99	103	108	105	101	109
Spain	337	366	445	506	489	530	637	632	478	499
Sweden	681	287	328	287	313	343	887	330	307	359
European Union (27)	9 246	8 640	9 614	9 210	9 916	11 571	12 184	11 086	9 845	10 853
o/w: extra-E.U. (27)	2 192	2 016	2 218	2 062	2 543	3 423	3 357	2 859	2 432	2 918
Albania	19	22	29	17	125	53	19	40	16	17
Bosnia-Herzegovina	18	24	33	38	61	68	49	49	53	55
Iceland	6	15	5	9	11	10	7	10	7	6
Macedonia	4	3	5	12	8	11	10	8	8	9
Montenegro	2	4	4	6	7	9	9	11	12	7
Norway	282	283	711	360	306	467	413	396	423	275
Serbia	92	75	78	77	79	84	92	282	119	102
Switzerland	167	178	183	197	198	197	201	178	154	170
Türkiye	375	435	422	542	502	503	480	363	363	443
United Kingdom	902	777	944	906	988	1 030	816	864	698	658
Other Europe	8	16	14	10	12	8	11	18	11	10
Other Europe	1 875	1 831	2 428	2 173	2 296	2 440	2 108	2 221	1 866	1 753
Armenia	11	4	6	14	17	20	23	22	43	22
Azerbaijan	276	275	218	261	121	132	208	180	144	116
Belarus	319	327	282	237	230	264	304	299	316	296
Georgia	70	63	89	71	88	97	92	91	91	67
Kazakhstan	509	609	701	271	201	147	163	272	81	43
Kyrgyzstan	43	47	50	68	52	54	50	58	51	44
Moldova	26	35	39	33	27	30	29	46	39	29
Russia	814	807	739	439	550	780	628	1 043	489	448
Tajikistan	9	13	23	20	24	10	16	18	17	20
Turkmenistan	534	238	363	244	180	93	83	191	186	90
Ukraine	85	98	60	49	71	94	129	112	83	98
Uzbekistan	177	335	209	95	81	195	257	195	396	362
Russia & other CIS + Ukraine	2 872	2 850	2 776	1 802	1 643	1 916	1 982	2 528	1 936	1 635

Table 38 (continued)

Imports of tubular products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	2 203	2 003	2 140	1 562	1 128	1 656	1 788	1 562	1 159	1 394
Costa Rica	21	30	28	41	91	71	65	22	19	56
Cuba	28	24	21	29	33	18	15	16	8	8
Dominican Republic	16	17	25	50	38	40	39	37	28	27
El Salvador	3	6	8	5	13	21	19	19	9	21
Guatemala	16	21	24	18	93	27	26	30	17	28
Honduras	4	5	11	7	9	20	7	12	6	8
Jamaica	6	4	8	6	6	20	11	13	7	8
Mexico	668	725	788	800	729	998	552	498	387	641
Nicaragua	3	7	5	11	9	11	8	7	3	8
Panama	33	107	86	65	61	106	80	63	15	52
Trinidad and Tobago	54	42	53	41	32	39	39	27	37	44
United States	8 349	7 488	8 493	6 952	4 567	8 039	7 213	5 948	3 379	4 450
Other North America	20	27	36	25	29	27	28	53	27	32
North America	11 424	10 507	11 726	9 612	6 838	11 094	9 890	8 306	5 102	6 777
Argentina	100	67	72	60	43	61	60	80	39	56
Bolivia	39	37	41	37	23	29	27	32	23	23
Brazil	314	319	221	168	105	116	120	142	162	182
Chile	234	169	157	160	145	159	189	226	196	178
Colombia	408	371	389	244	172	256	332	311	160	255
Ecuador	190	187	275	113	77	82	104	117	75	70
Paraguay	10	15	17	11	11	15	30	8	9	14
Peru	164	192	205	324	195	167	214	268	138	191
Uruguay	16	22	37	28	29	32	30	165	37	36
Venezuela	439	530	428	205	170	78	31	25	11	4
Other South America	18	14	20	23	14	17	37	46	61	49
South America	1 933	1 923	1 860	1 372	985	1 012	1 174	1 422	911	1 058
Algeria	289	367	323	413	502	450	387	441	272	279
Cameroon	52	72	49	24	21	14	28	17	19	10
Egypt	348	326	328	392	803	898	212	415	65	372
Ghana	90	59	80	139	111	120	122	88	157	92
Ivory Coast	10	14	20	12	11	24	22	22	21	19
Kenya	31	70	39	76	24	31	38	29	28	16
Libya	60	94	42	10	13	10	10	36	36	30
Morocco	50	57	61	64	64	56	63	105	135	67
Nigeria	184	331	324	222	78	152	324	286	179	323
Senegal	9	13	20	23	31	29	25	28	42	38
South Africa	149	193	134	127	112	125	130	114	111	157
Sudan	43	42	40	49	21	22	28	21	9	16
Tanzania	19	158	75	36	20	29	76	26	30	27
Tunisia	29	26	59	75	31	41	38	41	29	20
Other Africa	592	630	686	567	412	388	376	461	560	499
Africa	1 954	2 453	2 278	2 230	2 255	2 389	1 879	2 130	1 692	1 967
Bahrain	75	17	37	27	42	77	58	101	107	106
Iran	845	395	399	336	340	312	247	88	115	73
Iraq	1 051	1 093	670	778	522	604	567	597	478	411
Israel	115	108	165	134	187	172	177	193	227	206
Jordan	27	22	24	28	60	32	64	32	66	18
Kuwait	367	308	237	353	808	716	564	553	443	248
Lebanon	20	23	28	28	37	29	24	21	9	11
Oman	334	281	257	338	498	424	367	512	383	402
Qatar	151	87	106	89	114	147	243	284	210	316
Saudi Arabia	884	1 001	1 150	641	1 057	1 083	744	1 272	1 003	390
Syria	30	7	24	33	27	26	30	26	29	30
United Arab Emirates	1 258	1 362	1 448	1 298	1 288	993	851	1 115	759	654
Yemen	22	41	37	13	27	27	35	48	51	13
Other Middle East	0	2	2	0	0	0	0	...	...	...
Middle East	5 179	4 748	4 585	4 096	5 008	4 644	3 971	4 844	3 882	2 879

Table 38 (continued)

Imports of tubular products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bangladesh	97	58	53	77	70	124	246	171	175	95
China	454	461	510	412	423	442	443	359	423	388
Hong Kong, China	213	204	247	213	186	176	188	161	149	237
India	642	576	657	643	752	658	916	915	578	648
Indonesia	1 264	1 129	856	718	630	548	665	716	704	526
Japan	314	312	362	303	303	298	297	294	268	258
D.P.R. Korea (e)	18	19	25	31	37	29	0	0	...	0
South Korea	862	903	882	809	763	705	648	660	514	581
Malaysia	851	951	867	395	652	835	563	393	306	359
Myanmar	506	211	180	248	271	257	241	356	407	216
Pakistan	88	141	129	257	255	179	182	248	115	232
Philippines	94	113	230	328	213	190	448	363	369	427
Singapore	991	917	858	626	522	485	592	666	484	416
Sri Lanka	35	39	32	41	42	34	26	30	30	20
Taiwan, China	199	201	190	198	190	184	204	180	183	236
Thailand	642	661	799	679	780	671	722	617	542	...
Viet Nam	301	307	418	499	361	353	387	419	395	308
Other Asia	1 056	504	499	700	302	364	469	2 399	359	371
Asia	8 627	7 707	7 794	7 178	6 752	6 532	7 238	8 947	6 003	5 317
Australia	1 048	844	1 281	1 344	369	465	549	503	496	313
New Zealand	77	78	91	80	81	88	89	98	85	133
Other Oceania	21	17	20	23	27	26	25	23	30	25
Oceania	1 146	938	1 392	1 447	477	579	662	624	610	471
World	44 255	41 595	44 454	39 121	36 168	42 177	41 089	42 107	31 846	32 710

Table 39

Apparent steel use

crude steel equivalent

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria (1)	4 171	4 066	4 111	4 453	4 374	4 670	4 772	4 538	4 161	5 121
Belgium-Luxembourg	3 272	3 482	3 808	4 039	3 939	3 685	4 789	3 630	3 161	5 119
Bulgaria	1 008	1 100	1 526	1 368	1 460	1 102	1 276	1 650	1 497	1 372
Croatia	663	684	675	720	922	947	761	844	828	985
Cyprus	173	139	115	153	164	265	360	349	314	306
Czechia (1)	6 747	6 765	7 145	7 600	7 600	8 100	7 591	7 229	6 553	8 129
Denmark	1 528	1 518	1 521	1 564	1 655	1 583	1 598	1 527	1 648	1 694
Estonia	340	350	365	341	462	506	569	578	501	638
Finland (1)	2 104	1 888	1 875	1 875	1 872	2 170	2 151	1 909	2 024	2 211
France	14 130	14 566	14 472	14 521	15 251	15 771	15 870	15 552	13 040	14 727
Germany (1)	40 829	41 700	43 110	42 433	42 750	43 326	41 956	37 148	32 942	37 357
Greece	1 097	1 230	1 387	1 097	1 626	1 445	1 447	1 484	1 426	1 564
Hungary (1)	1 959	2 144	2 400	2 702	2 924	3 066	3 202	3 185	2 736	3 125
Ireland	436	433	513	605	603	715	759	846	769	851
Italy (1)	22 810	23 218	23 244	25 957	25 126	26 335	26 841	26 485	21 639	28 216
Latvia	214	230	344	293	363	261	482	334	295	418
Lithuania	493	558	631	604	716	722	794	825	767	944
Malta	35	33	42	46	45	37	60	67	73	92
Netherlands (1)	4 996	4 707	4 012	4 423	5 370	5 318	5 974	5 908	5 433	6 171
Poland (1)	12 537	12 090	14 793	15 156	15 841	16 387	17 946	16 426	15 555	18 385
Portugal	2 144	2 509	2 240	2 479	2 405	2 601	3 000	2 912	2 757	3 103
Romania (1)	3 549	3 522	4 085	4 266	4 339	4 475	4 882	4 900	4 404	4 556
Slovakia (1)	2 078	2 279	2 419	2 515	2 549	2 711	2 842	2 728	2 419	2 646
Slovenia (1)	961	925	871	1 121	1 189	1 348	1 554	1 457	1 435	1 696
Spain (1)	11 510	11 873	12 449	13 633	13 523	14 256	14 880	14 237	12 518	14 066
Sweden (1)	3 819	3 915	3 695	3 878	4 452	4 743	4 670	4 368	3 603	4 190
European Union (27)	143 602	145 923	151 849	157 842	161 520	166 547	171 028	161 115	142 498	167 682
Albania	648	631	603	328	462	265	245	318	326	362
Bosnia-Herzegovina	512	541	533	516	723	765	819	834	837	860
Iceland	39	111	38	54	65	63	69	71	53	58
Macedonia	82	61	197	233	425	222	209	227	269	245
Montenegro	118	84	157	192	182	215	112	89	61	64
Norway	1 074	1 024	1 529	1 104	1 081	1 245	1 226	1 144	1 191	1 077
Serbia	496	427	520	704	865	1 056	1 380	1 560	1 375	1 606
Switzerland	2 871	2 959	2 949	2 750	2 982	2 977	3 070	2 869	2 646	2 858
Türkiye (1)	30 286	33 305	32 750	36 570	36 250	38 458	32 686	27 839	31 426	35 583
United Kingdom (1)	11 125	10 990	11 789	11 883	12 023	12 016	11 934	11 155	9 745	11 763
Other Europe	123	141	130	219	129	160	136	180	130	155
Other Europe	47 373	50 272	51 196	54 554	55 187	57 441	51 886	46 286	48 058	54 631
Azerbaijan	1 187	1 453	1 468	1 060	652	617	811	887	800	644
Belarus	2 778	2 764	2 292	1 810	1 800	2 120	2 177	2 219	2 179	2 291
Georgia	289	148	251	348	419	374	474	385	470	305
Kazakhstan (1)	3 090	3 878	3 064	2 982	2 572	2 922	2 776	2 913	2 709	2 926
Moldova	186	222	203	313	96	229	175	281	310	298
Russia (1)	49 488	49 671	49 423	44 746	43 424	45 409	43 431	46 060	44 944	46 377
Ukraine (1)	7 057	6 331	4 763	3 786	4 863	5 259	5 278	5 359	5 297	5 357
Uzbekistan	1 604	1 971	2 025	1 842	1 834	2 459	2 700	2 931	3 486	3 150
Other CIS	1 792	1 752	1 814	1 657	1 319	957	1 114	1 273	1 505	1 024
Russia & other CIS + Ukraine	67 471	68 190	65 302	58 543	56 980	60 345	58 937	62 307	61 700	62 371

Table 39 (continued)

Apparent steel use

crude steel equivalent

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada (1)	17 305	16 445	17 527	14 372	14 846	15 600	16 800	14 420	15 210	16 070
Costa Rica (2)	760	879	887	969	894	918	809	710	561	763
Cuba (2)	150	158	165	160	151	152	155	157	139	155
Dominican Republic (2)	381	412	573	473	510	551	612	679	517	694
El Salvador (2)	304	303	341	360	358	338	397	425	348	498
Guatemala (2)	718	817	1 119	1 176	1 053	1 019	992	1 101	1 018	1 397
Honduras (2)	239	184	198	393	357	360	370	338	316	538
Mexico (1)	23 714	22 904	26 160	27 848	28 503	28 775	28 615	27 581	24 152	28 519
Nicaragua (2)	113	119	125	120	114	114	118	112	96	107
Panama (2)	273	649	627	553	589	513	494	373	165	299
Trinidad and Tobago (2)	318	334	351	338	320	322	332	339	315	350
United States (1)	108 300	106 300	121 600	108 333	102 523	109 677	111 981	108 500	88 937	107 878
Other North America	308	306	338	425	447	538	464	728	610	615
North America	152 883	149 810	170 010	155 520	150 665	158 878	162 138	155 463	132 384	157 882
Argentina (1)	5 582	5 775	5 712	5 991	4 796	5 610	5 502	4 469	4 099	5 743
Bolivia (2)	133	581	690	646	697	593	636	635	347	595
Brazil (1)	29 526	31 131	28 451	23 662	20 578	21 693	23 563	23 307	23 832	29 264
Chile (2)	3 457	3 105	3 031	3 215	3 172	3 357	3 109	3 283	2 770	3 821
Colombia (2)	3 926	4 393	4 980	5 078	4 610	3 944	3 613	3 804	3 072	4 317
Ecuador (2)	1 672	2 149	1 844	1 890	1 740	1 926	1 997	1 925	1 544	2 017
Paraguay (2)	244	257	270	260	341	362	491	379	368	491
Peru (2)	3 130	3 235	3 392	4 084	3 469	4 282	3 488	3 520	2 841	4 302
Uruguay (2)	272	253	247	260	219	226	230	204	245	282
Venezuela (2)	3 707	3 550	2 526	2 271	926	568	189	144	102	113
Other South America	84	92	92	117	88	96	117	145	155	164
South America	51 733	54 521	51 235	47 474	40 636	42 656	42 936	41 815	39 376	51 108
Algeria	5 160	6 268	6 858	6 656	6 320	6 459	5 836	6 002	5 177	5 124
Angola	1 213	1 191	1 258	984	518	473	504	571	506	503
Benin	178	127	147	138	123	114	109	201	187	247
Cameroon	249	248	288	288	259	206	233	216	337	357
Congo	153	255	295	160	101	72	40	48	46	45
Dem. Rep. of the Congo	116	135	170	145	106	110	194	204	174	168
Djibouti	214	128	170	626	723	551	515	704	563	379
Egypt (1)	10 182	9 900	10 930	11 622	12 501	10 890	11 836	11 074	10 362	10 910
Equatorial Guinea	138	137	115	83	42	23	24	22	61	12
Ethiopia	745	860	895	1 112	1 091	757	717	990	631	389
Gabon	145	150	162	100	70	53	57	71	72	52
Ghana	860	892	1 016	1 194	1 189	1 097	1 199	1 403	1 527	1 590
Guinea	86	123	119	152	119	147	176	180	202	272
Ivory Coast	220	285	322	369	424	441	427	397	590	702
Kenya	1 308	1 689	1 716	2 115	1 913	1 795	1 874	3 615	2 702	2 573
Libya	997	1 701	1 808	1 539	1 539	1 057	1 091	1 750	1 644	1 914
Madagascar	89	103	117	119	150	145	151	150	129	132
Mauritania	117	132	161	115	110	135	103	105	85	125
Mauritius	91	98	93	121	109	119	136	150	132	131
Morocco	2 889	3 081	2 817	3 000	3 177	3 367	3 201	3 265	2 840	3 221
Mozambique	289	384	426	392	269	232	296	352	334	394
Nigeria	2 357	2 827	2 554	2 273	1 781	1 674	2 237	2 248	2 219	2 044
Senegal	394	335	413	449	554	510	634	620	653	769
South Africa (1)	5 827	6 295	5 663	5 858	5 498	5 737	5 608	5 259	4 152	5 645
Sudan	371	293	333	356	358	337	338	350	315	347
Tanzania	539	877	743	812	717	705	915	1 143	896	1 084
Tunisia	850	838	867	889	899	921	918	929	790	783
Togo	187	165	199	204	171	155	182	215	178	152
Uganda	78	131	160	155	132	154	216	227	158	136
Zambia	258	309	320	331	317	363	402	404	481	414
Zimbabwe	120	126	136	158	167	138	164	144	156	165
Other Africa	491	694	679	825	891	869	993	1 139	1 109	1 116
Africa	36 912	40 777	41 947	43 339	42 340	39 807	41 326	44 150	39 406	41 895

Table 39 (continued)

Apparent steel use

crude steel equivalent

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bahrain	237	276	296	302	284	293	289	294	226	265
Iran	21 081	21 998	22 089	21 911	21 228	22 174	21 030	19 881	18 501	19 611
Iraq	3 783	4 144	3 601	3 387	3 692	3 582	3 567	3 656	3 254	3 417
Israel	2 307	2 584	2 775	3 110	3 466	3 299	3 504	3 649	3 750	4 327
Jordan	1 190	1 122	1 191	1 236	1 249	998	1 083	867	645	699
Kuwait	1 224	1 397	1 582	1 609	1 613	1 504	1 586	1 300	1 054	1 646
Lebanon	928	868	947	976	996	996	983	1 002	902	947
Oman	1 190	1 364	1 510	1 619	1 570	1 593	1 578	1 618	1 350	1 419
Qatar	1 567	1 631	1 905	2 443	2 808	2 119	1 816	1 378	1 645	1 447
Saudi Arabia (1)	13 500	14 000	14 600	14 000	12 650	12 272	10 803	10 518	11 495	12 000
Syria	776	471	289	293	293	270	261	269	242	254
United Arab Emirates (1)	7 656	7 413	7 771	7 757	8 514	8 621	8 818	8 876	7 506	7 018
Yemen	587	500	971	621	534	496	481	481	396	408
Other Middle East	20	14	18	7	7	11	12	5	2	9
Other Middle East	56 046	57 781	59 545	59 270	58 905	58 230	55 810	53 793	50 968	53 467
Bangladesh	4 279	4 433	5 617	7 753	7 710	6 329	7 133	8 328	8 257	7 925
China (1)	687 609	772 340	740 380	700 350	709 400	806 080	870 880	949 880	1 048 770	991 710
Hong Kong, China	1 991	2 436	2 727	3 775	2 481	2 341	2 202	2 248	2 221	2 915
India (1)	77 436	80 656	87 086	89 256	94 502	100 892	107 058	108 961	93 935	113 074
Indonesia (3)	15 006	15 237	15 483	13 656	15 214	16 318	16 394	17 330	16 404	16 830
Japan (1)	68 800	70 800	72 900	67 852	67 469	70 100	71 300	69 800	56 000	63 500
North Korea	1 350	1 352	1 407	1 507	1 522	1 441	1 237	1 236	1 241	1 168
South Korea (1)	56 322	53 919	57 834	58 125	59 454	58 659	55 947	55 444	51 245	58 376
Malaysia (3)	10 374	11 685	11 720	11 629	11 925	10 980	10 626	10 008	7 406	7 643
Mongolia	377	464	480	366	212	273	400	505	577	494
Myanmar	1 574	1 594	2 382	2 720	2 725	2 374	2 503	2 861	3 013	1 429
Pakistan	3 788	4 210	4 820	6 464	8 118	9 005	7 864	6 047	6 187	8 925
Philippines (3)	6 986	7 796	8 517	10 186	11 253	11 418	11 659	10 934	9 415	10 338
Singapore (1)	4 782	5 345	4 791	5 019	3 540	3 022	3 043	2 441	1 684	2 611
Sri Lanka	664	638	731	1 028	1 153	1 117	1 060	962	869	986
Taiwan, China (1)	21 332	22 285	23 469	21 032	21 932	21 184	21 344	21 138	22 550	25 370
Thailand (3)	19 047	20 732	22 382	21 103	24 159	22 137	20 869	20 073	17 702	20 163
Viet Nam (3)	12 740	13 685	16 226	20 510	25 088	24 041	24 252	26 427	25 367	23 972
Other Asia	1 078	821	1 293	1 065	2 153	3 010	3 166	5 393	1 193	1 635
Asia	995 535	1 090 426	1 080 244	1 043 398	1 070 010	1 170 721	1 238 939	1 320 015	1 374 036	1 359 064
Australia (1)	7 152	6 376	7 142	6 967	6 477	6 026	6 091	6 091	5 648	6 900
New Zealand (1)	974	1 016	1 140	895	837	873	903	897	831	892
Other Oceania	574	323	309	348	368	349	307	308	311	346
Oceania	8 700	7 715	8 591	8 210	7 682	7 247	7 301	7 296	6 790	8 138
World	1 560 257	1 665 415	1 679 919	1 628 150	1 643 925	1 761 873	1 830 301	1 892 241	1 895 215	1 956 238

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEAISI.

Table 40

Apparent steel use per capita

kg crude steel equivalent

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	495	479	481	515	501	531	540	511	467	574
Belgium-Luxembourg	283	299	325	342	331	308	397	299	259	418
Bulgaria	135	148	207	187	202	153	179	234	215	199
Croatia	153	159	158	169	218	226	183	204	202	243
Cyprus	149	119	98	129	137	219	296	284	253	246
Czechia	642	643	679	722	722	769	721	686	622	773
Denmark	273	270	269	275	290	276	277	264	283	289
Estonia	257	265	278	259	351	384	430	436	377	480
Finland	389	347	343	342	341	394	390	346	366	399
France	224	230	228	228	238	246	247	241	202	228
Germany	501	511	527	517	519	524	506	447	395	448
Greece	100	113	128	101	151	135	136	140	136	150
Hungary	197	217	243	274	298	313	328	326	281	322
Ireland	95	94	111	130	128	150	157	173	155	171
Italy	379	385	385	431	418	439	448	443	364	476
Latvia	104	113	171	147	184	133	249	174	156	223
Lithuania	161	184	211	204	244	249	276	290	272	339
Malta	81	76	94	102	96	77	123	133	141	174
Netherlands	298	279	237	260	314	309	346	340	312	353
Poland	325	313	383	393	411	425	466	427	405	480
Portugal	204	240	215	239	233	252	292	283	268	302
Romania	176	176	204	214	219	227	249	251	227	236
Slovakia	384	421	446	464	469	498	522	500	443	486
Slovenia	464	446	420	539	569	642	738	689	678	800
Spain	246	255	268	294	291	306	318	302	264	296
Sweden	400	406	379	394	447	472	460	425	347	400
European Union (27)	284	310	323	334	341	350	358	337	297	350
Albania	224	218	209	114	161	92	85	111	114	127
Bosnia-Herzegovina	139	149	149	147	208	222	241	248	252	263
Iceland	122	342	116	162	192	182	196	196	144	158
Macedonia	39	29	94	111	201	105	99	107	127	116
Montenegro	187	133	248	303	287	340	177	142	97	102
Norway	214	202	298	213	206	236	231	214	221	199
Serbia	65	56	69	94	115	141	186	211	187	220
Switzerland	359	366	360	332	356	352	361	335	306	329
Türkiye	402	435	419	459	447	468	395	333	374	420
United Kingdom	174	171	182	182	183	182	180	167	145	175
Other Europe	58	66	62	106	62	78	67	89	65	78
Other Europe	276	290	292	307	308	318	285	253	261	296
Azerbaijan	125	151	151	108	65	61	80	87	78	62
Belarus	287	285	236	187	185	218	225	229	226	239
Georgia	76	39	66	92	111	99	126	102	125	81
Kazakhstan	181	224	174	167	142	160	150	155	143	152
Moldova	53	65	61	95	30	72	56	90	101	97
Russia	345	345	343	309	299	312	298	316	309	320
Ukraine	155	140	106	84	108	118	119	121	121	123
Uzbekistan	54	66	67	60	58	77	83	89	104	92
Other CIS	82	79	80	72	56	40	46	52	60	40
Russia & other CIS + Ukraine	237	239	228	203	197	207	202	213	210	212

Table 40 (continued)

Apparent steel use per capita

kg crude steel equivalent

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	499	469	495	402	411	427	454	384	401	421
Costa Rica	160	183	183	198	181	184	160	140	110	148
Cuba	13	14	15	14	13	13	14	14	12	14
Dominican Republic	38	41	56	45	48	52	57	62	47	62
El Salvador	49	49	55	58	57	54	63	68	55	79
Guatemala	47	53	71	73	65	61	59	64	59	79
Honduras	27	21	22	42	38	37	38	34	31	52
Mexico	205	195	220	232	235	234	231	220	192	225
Nicaragua	19	19	20	19	18	18	18	17	14	16
Panama	73	170	161	140	146	125	119	88	38	69
Trinidad and Tobago	222	232	242	231	218	218	221	223	207	229
United States	342	333	378	334	313	333	337	325	265	320
Other North America	16	15	17	21	22	26	23	35	29	30
North America	276	268	301	273	262	273	277	263	223	264
Argentina	133	136	133	138	110	127	124	100	91	127
Bolivia	13	54	63	58	62	52	55	54	29	49
Brazil	148	154	140	115	99	104	112	110	112	137
Chile	199	177	171	180	175	183	166	172	144	196
Colombia	86	95	107	108	97	82	73	76	60	84
Ecuador	108	137	116	117	106	115	117	111	88	113
Paraguay	41	43	44	42	54	57	76	58	56	73
Peru	105	108	112	133	111	135	108	107	85	128
Uruguay	81	75	73	76	64	66	67	59	71	82
Venezuela	126	119	84	74	30	19	6	5	4	4
Other South America	54	59	58	73	55	59	71	86	91	96
South America	129	135	125	115	97	101	101	98	91	118
Algeria	138	165	177	168	157	157	139	141	119	116
Angola	48	46	46	35	18	16	16	18	15	15
Benin	18	12	14	13	11	10	9	16	15	19
Cameroon	12	11	13	13	11	8	9	8	13	13
Congo	32	53	60	32	20	13	7	9	8	8
Dem. Rep. of the Congo	2	2	2	2	1	1	2	2	2	2
Djibouti	224	132	172	622	707	529	487	656	516	343
Egypt	112	106	114	119	125	107	114	105	96	100
Equatorial Guinea	116	110	89	62	30	16	16	14	38	8
Ethiopia	8	9	9	11	10	7	6	9	5	3
Gabon	79	79	82	49	34	25	26	32	31	22
Ghana	32	32	36	41	40	36	39	45	47	48
Guinea	8	11	10	13	10	12	14	14	15	20
Ivory Coast	10	13	14	16	18	18	17	15	22	26
Kenya	30	38	37	45	40	37	38	71	52	49
Libya	170	284	296	249	245	166	168	266	247	284
Madagascar	4	4	5	5	6	6	6	5	5	5
Mauritania	32	35	42	29	27	32	24	24	19	27
Mauritius	71	76	72	94	84	92	105	116	102	101
Morocco	87	91	82	87	90	95	89	90	77	87
Mozambique	12	15	16	15	10	8	10	12	11	12
Nigeria	14	16	14	12	9	9	11	11	11	10
Senegal	30	25	30	31	38	34	41	39	40	46
South Africa	110	117	103	105	97	101	98	91	71	95
Sudan	11	8	9	9	9	8	8	8	7	8
Tanzania	11	18	15	15	13	13	16	19	15	17
Tunisia	76	74	76	77	77	78	77	77	65	64
Togo	27	23	27	27	22	20	23	26	21	18
Uganda	2	4	4	4	3	4	5	5	4	3
Zambia	18	20	20	20	19	21	23	22	25	21
Zimbabwe	9	9	10	11	12	9	11	9	10	10
Other Africa	3	4	4	5	5	5	5	6	6	6
Africa	33	36	36	36	34	32	32	33	29	30

Table 40 (continued)

Apparent steel use per capita

kg crude steel equivalent

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bahrain	193	218	225	221	201	201	194	196	153	181
Iran	273	280	276	268	255	262	246	230	212	223
Iraq	112	117	98	90	95	90	88	88	76	78
Israel	304	334	353	388	425	397	414	424	428	486
Jordan	165	146	138	130	125	98	104	81	59	63
Kuwait	361	383	421	412	399	365	367	293	242	387
Lebanon	179	153	151	153	159	163	165	173	159	169
Oman	337	357	377	386	357	351	343	352	297	314
Qatar	823	801	860	1 012	1 082	781	656	491	596	538
Saudi Arabia	438	445	454	427	379	359	308	294	319	334
Syria	34	22	14	15	15	14	14	13	12	12
United Arab Emirates	884	847	879	870	947	951	965	964	808	749
Yemen	22	19	35	22	18	17	16	15	12	12
Other Middle East	5	3	4	2	2	2	3	1	0	2
Other Middle East	240	242	244	238	232	225	212	201	188	195
Bangladesh	28	29	36	49	48	39	44	50	49	47
P.R. China	503	561	534	503	506	572	615	668	736	696
Hong Kong, China	275	334	371	510	334	314	294	300	296	389
India	61	62	67	67	71	75	78	79	67	80
Indonesia	60	60	60	53	58	62	61	64	60	61
Japan	538	555	572	533	531	553	565	555	447	510
D.P.R. Korea (e)	54	54	56	60	60	56	48	48	48	45
South Korea	1 135	1 076	1 144	1 140	1 159	1 139	1 083	1 070	988	1 126
Malaysia	350	388	383	374	378	343	328	305	223	228
Mongolia	135	163	165	123	70	88	126	156	175	148
Myanmar	31	31	47	53	53	45	48	54	56	27
Pakistan	19	21	23	31	38	42	36	27	27	39
Philippines	71	78	84	99	107	107	107	99	84	91
Singapore	889	976	860	888	620	524	523	416	285	439
Sri Lanka	32	30	34	48	54	52	49	44	40	45
Taiwan (R.o.C.)	918	955	1 002	895	930	895	900	889	947	1 063
Thailand	275	298	320	300	342	312	293	281	248	282
Viet Nam	143	152	178	222	269	256	256	276	262	246
Other Asia	13	10	15	12	24	33	34	58	12	17
Asia	254	275	270	258	262	284	298	315	326	320
Australia	315	276	304	292	268	245	244	240	220	266
New Zealand	221	228	253	195	179	184	187	181	164	174
Other Oceania	51	28	26	29	30	28	24	24	24	26
Oceania	227	198	216	203	187	173	172	169	155	183
World	218	230	229	219	219	232	238	244	242	247

Table 41

Apparent steel use

finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria (1)	3 658	3 566	3 606	3 905	3 836	4 095	4 185	3 980	3 649	4 491
Belgium-Luxembourg	3 076	3 273	3 580	3 797	3 702	3 464	4 501	3 412	2 972	4 812
Bulgaria	946	1 034	1 435	1 286	1 373	1 036	1 199	1 551	1 407	1 290
Croatia	624	643	635	676	738	758	715	793	779	926
Cyprus	161	130	107	143	153	247	337	326	293	286
Czechia (1)	5 850	5 865	6 195	6 600	6 900	7 200	7 226	6 713	6 177	7 810
Denmark	1 425	1 416	1 420	1 461	1 545	1 479	1 494	1 428	1 541	1 583
Estonia	317	326	341	318	431	472	532	541	469	596
Finland (1)	1 917	1 720	1 709	1 709	1 706	1 977	1 960	1 739	1 844	2 014
France	13 204	13 617	13 526	13 575	14 270	14 759	14 851	14 558	12 213	13 792
Germany (1)	37 497	38 013	39 642	39 137	40 454	41 000	39 648	35 142	31 163	35 340
Greece	1 031	1 156	1 304	1 031	1 529	1 359	1 361	1 395	1 340	1 470
Hungary (1)	1 706	1 863	2 086	2 343	2 538	2 659	2 780	2 761	2 377	2 708
Ireland	407	404	479	565	563	668	710	791	719	795
Italy (1)	21 519	21 904	21 928	24 488	23 704	24 844	25 322	24 986	20 414	26 619
Latvia	201	216	321	273	339	244	450	312	276	390
Lithuania	460	521	589	564	669	674	742	772	718	882
Malta	33	31	39	43	42	35	56	63	68	86
Netherlands (1)	4 026	3 742	3 463	3 496	4 022	3 981	4 538	4 615	4 142	4 827
Poland (1)	10 406	10 397	12 278	12 579	13 148	13 601	14 895	13 633	12 911	15 259
Portugal	2 012	2 357	2 103	2 328	2 258	2 441	2 820	2 738	2 592	2 917
Romania (1)	3 322	3 297	3 830	3 997	4 064	4 191	4 573	4 539	4 126	4 256
Slovakia (1)	1 839	2 017	2 141	2 226	2 256	2 440	2 615	2 510	2 225	2 434
Slovenia (1)	884	851	801	1 031	1 094	1 240	1 430	1 340	1 320	1 560
Spain (1)	10 433	10 923	11 599	12 707	12 576	13 258	13 838	13 240	11 642	13 081
Sweden (1)	3 502	3 590	3 388	3 374	3 873	4 126	4 063	3 800	3 134	3 645
European Union (27)	130 455	132 871	138 543	143 654	147 785	152 249	156 843	147 676	130 512	153 869
Albania	609	593	567	308	435	247	229	297	305	338
Bosnia-Herzegovina	480	508	501	485	680	719	770	784	787	808
Iceland	37	103	35	50	60	58	65	66	49	55
Macedonia	77	58	186	219	399	209	196	214	252	230
Montenegro	111	79	148	180	171	202	105	84	58	60
Norway	1 006	960	1 433	1 035	1 013	1 170	1 152	1 075	1 119	1 012
Serbia	466	401	489	662	813	992	1 297	1 466	1 292	1 510
Switzerland	2 699	2 781	2 772	2 585	2 803	2 798	2 886	2 697	2 487	2 686
Türkiye (1)	28 468	31 301	30 773	34 381	34 077	36 119	30 658	26 078	29 481	33 377
United Kingdom (1)	9 679	9 592	10 680	10 494	10 883	11 003	10 822	10 250	8 966	10 822
Other Europe	115	131	121	205	121	149	127	168	121	145
Other Europe	43 745	46 507	47 705	50 604	51 455	53 668	48 307	43 179	44 918	51 044
Azerbaijan	1 116	1 366	1 380	997	613	580	763	833	752	606
Belarus	2 612	2 598	2 154	1 701	1 692	1 993	2 047	2 086	2 048	2 153
Georgia	269	138	234	325	392	349	443	360	439	285
Kazakhstan (1)	2 781	3 490	2 757	2 684	2 315	2 630	2 498	2 622	2 438	2 633
Moldova	175	208	191	294	90	215	164	264	292	280
Russia (1)	42 793	43 310	43 146	39 824	38 749	40 689	41 321	43 517	42 314	43 924
Ukraine (1)	6 148	5 569	4 232	3 309	4 245	4 560	4 671	4 655	4 603	4 763
Uzbekistan	1 506	1 853	1 904	1 731	1 724	2 312	2 538	2 756	3 276	2 961
Other CIS	1 671	1 635	1 693	1 548	1 232	894	1 042	1 190	1 408	957
Russia & other CIS + Ukraine	59 072	60 167	57 691	52 413	51 052	54 221	55 488	58 282	57 571	58 561

Table 41 (continued)
Apparent steel use

finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada (1)	15 575	14 800	15 775	12 935	13 361	14 040	15 116	12 975	13 693	14 470
Costa Rica (2)	684	791	798	872	804	827	728	639	505	686
Cuba (2)	135	142	149	144	136	137	138	140	102	113
Dominican Republic (2)	343	371	516	426	436	471	523	580	442	593
El Salvador (2)	274	273	307	324	322	304	358	383	314	448
Guatemala (2)	646	735	1 007	1 058	948	917	893	991	916	1 258
Honduras (2)	215	166	178	354	321	324	333	305	284	484
Mexico (1)	20 911	20 574	23 472	24 881	25 487	25 802	25 294	24 426	21 870	25 551
Nicaragua (2)	105	110	116	112	106	107	101	96	70	78
Panama (2)	246	584	564	498	530	462	444	336	149	269
Trinidad and Tobago (2)	300	315	331	319	302	304	310	316	231	257
United States (1)	96 200	95 700	106 957	96 131	91 861	97 722	99 775	97 613	80 043	97 090
Other North America	287	285	316	397	417	503	434	681	571	575
North America	135 921	134 846	150 486	138 450	135 032	141 919	144 447	139 480	119 189	141 871
Argentina (1)	4 899	5 065	5 009	5 254	4 206	4 920	4 826	3 919	3 595	5 037
Bolivia (2)	120	523	621	581	627	534	573	571	313	535
Brazil (1)	26 573	28 018	25 606	21 295	18 520	19 523	21 207	20 977	21 449	26 337
Chile (2)	3 008	2 701	2 637	2 797	2 607	2 759	2 705	2 819	2 368	3 266
Colombia (2)	3 506	3 488	3 954	4 032	3 660	3 550	3 396	3 576	2 888	4 058
Ecuador (2)	1 505	1 934	1 660	1 701	1 566	1 733	1 798	1 733	1 390	1 815
Paraguay (2)	220	231	243	234	307	325	442	341	332	442
Peru (2)	2 676	2 766	2 900	3 492	2 965	3 659	2 981	3 008	2 428	3 677
Uruguay (2)	245	228	222	234	197	204	207	183	220	254
Venezuela (2)	2 990	2 872	2 038	1 844	678	511	170	130	92	102
Other South America	78	86	86	109	82	90	110	136	145	153
South America	45 819	47 912	44 976	41 573	35 415	37 808	38 414	37 393	35 218	45 676
Algeria	4 644	5 641	6 173	5 990	5 688	5 813	5 428	5 582	4 815	4 765
Angola	1 132	1 111	1 174	919	484	442	471	534	473	470
Benin	166	118	137	129	115	106	102	188	175	231
Cameroon	233	232	269	269	242	192	218	202	315	333
Congo	143	238	276	150	95	67	38	45	43	42
Dem. Rep. of the Congo	109	127	160	136	100	104	182	191	164	158
Djibouti	200	119	159	585	675	514	481	659	526	354
Egypt (1)	9 468	9 207	10 182	10 862	11 683	10 178	11 067	10 354	9 688	10 201
Equatorial Guinea	129	128	107	77	39	22	22	20	57	12
Ethiopia	695	803	835	1 038	1 019	707	670	925	590	363
Gabon	135	140	151	94	66	50	53	67	67	48
Ghana	809	839	955	1 122	1 117	1 031	1 127	1 319	1 435	1 494
Guinea	80	114	111	142	112	137	165	169	188	254
Ivory Coast	205	266	301	345	396	412	399	371	552	655
Kenya	1 220	1 576	1 602	1 975	1 786	1 677	1 752	3 380	2 528	2 404
Libya	898	1 531	1 627	1 385	1 385	951	1 015	1 628	1 529	1 780
Madagascar	83	96	109	111	140	136	142	140	120	123
Mauritania	109	123	150	107	103	126	96	98	79	117
Mauritius	85	92	87	113	102	112	127	140	123	122
Morocco	2 600	2 773	2 535	2 700	2 859	3 031	2 977	3 036	2 641	2 996
Mozambique	269	358	397	366	251	217	277	329	312	368
Nigeria	2 216	2 658	2 401	2 136	1 674	1 574	2 102	2 113	2 086	1 922
Senegal	368	313	386	419	517	476	593	580	610	718
South Africa (1)	5 266	5 689	5 117	5 294	4 970	5 185	5 068	4 753	3 753	5 103
Sudan	334	264	300	320	322	304	315	326	293	323
Tanzania	503	818	694	759	670	658	855	1 069	838	1 013
Tunisia	765	754	781	800	809	829	854	864	734	728
Togo	174	154	185	190	160	145	170	201	166	142
Uganda	73	123	151	145	124	145	203	214	149	128
Zambia	241	288	299	309	296	339	375	377	450	387
Zimbabwe	112	118	127	148	156	129	153	134	146	154
Other Africa	458	648	634	771	832	812	928	1 065	1 038	1 042
Africa	33 921	37 457	38 569	39 908	38 987	36 619	38 424	41 075	36 686	38 951

Table 41 (continued)
Apparent steel use

finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bahrain	213	248	266	272	256	264	268	273	210	247
Iran	18 973	19 798	19 880	19 720	19 105	19 957	19 558	18 490	17 206	18 238
Iraq	3 405	3 730	3 241	3 048	3 323	3 224	3 317	3 400	3 026	3 178
Israel	2 169	2 429	2 609	2 924	3 258	3 101	3 294	3 430	3 525	4 067
Jordan	1 071	1 010	1 072	1 112	1 124	898	1 007	806	600	650
Kuwait	1 102	1 257	1 424	1 448	1 452	1 354	1 475	1 209	980	1 531
Lebanon	835	781	852	878	896	896	914	932	839	881
Oman	1 071	1 228	1 359	1 457	1 413	1 434	1 467	1 505	1 256	1 319
Qatar	1 513	1 574	1 839	2 358	2 710	2 044	1 752	1 330	1 588	1 397
Saudi Arabia (1)	12 540	13 300	14 100	13 500	12 200	11 834	10 263	9 992	10 920	11 400
Syria	698	424	261	264	264	243	243	250	225	236
United Arab Emirates (1)	7 044	6 820	7 149	7 136	7 833	7 931	8 112	8 166	6 905	6 456
Yemen	529	450	874	559	481	447	447	447	368	379
Other Middle East	18	13	16	7	7	11	12	4	2	8
Other Middle East	51 180	53 061	54 941	54 681	54 321	53 637	52 130	50 234	47 650	49 988
Bangladesh	4 023	4 167	5 280	7 288	7 248	5 950	6 705	7 828	7 761	7 450
China (1)	660 105	741 446	710 768	672 340	681 020	773 840	836 050	911 890	1 006 340	952 042
Hong Kong, China	1 857	2 273	2 546	3 526	2 317	2 187	2 058	2 102	2 078	2 723
India (1)	72 383	73 652	76 050	80 198	83 643	88 680	96 737	102 622	89 333	106 226
Indonesia (3)	12 500	12 692	12 898	11 375	12 673	13 593	15 083	15 944	15 092	15 484
Japan (1)	63 950	65 240	67 690	62 950	62 171	64 380	65 410	63 210	52 630	57 410
North Korea	1 080	1 082	1 126	1 206	1 218	1 153	989	988	993	934
South Korea (1)	54 069	51 762	55 521	55 800	57 076	56 313	53 710	53 226	49 195	56 041
Malaysia (3)	8 922	10 049	10 079	10 001	10 256	9 443	9 776	9 207	6 813	7 031
Mongolia	354	436	451	344	199	257	376	475	543	465
Myanmar	1 480	1 499	2 240	2 557	2 561	2 232	2 353	2 689	2 832	1 343
Pakistan	3 030	3 368	4 530	6 076	7 631	8 465	7 392	5 684	5 816	8 389
Philippines (3)	6 008	6 705	7 325	8 760	9 677	9 819	10 726	10 059	8 662	9 511
Singapore (1)	3 826	4 276	3 833	4 016	2 832	2 720	2 891	2 319	1 600	2 480
Sri Lanka	624	600	687	966	1 084	1 050	996	905	817	927
Taiwan, China (1)	17 777	18 571	19 558	17 527	18 277	17 653	17 787	17 615	18 792	21 142
Thailand (3)	16 380	17 829	19 248	18 149	20 777	19 038	19 200	18 467	16 286	18 550
Viet Nam (3)	10 956	11 769	14 441	18 254	22 328	21 637	22 312	24 313	23 337	22 054
Other Asia	1 005	766	1 207	995	2 011	2 811	2 960	5 042	1 115	1 528
Asia	940 330	1 028 181	1 015 477	982 327	1 004 998	1 101 219	1 173 511	1 254 586	1 310 035	1 291 730
Australia (1)	6 458	5 757	6 449	6 291	5 849	5 441	5 500	5 500	5 100	6 230
New Zealand (1)	737	769	843	808	756	788	815	810	750	806
Other Oceania	535	301	288	325	343	326	287	288	291	324
Oceania	7 730	6 827	7 580	7 424	6 948	6 555	6 602	6 598	6 141	7 359
World	1 448 172	1 547 830	1 555 968	1 511 035	1 525 992	1 637 895	1 714 166	1 778 502	1 787 919	1 839 049

- (1) - data supplied by country.
(2) - data supplied by ALACERO.
(3) - data supplied by SEAISI.

Table 42

Apparent steel use per capita

kg finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	434	421	422	452	439	466	473	448	410	503
Belgium-Luxembourg	266	281	305	321	311	289	373	281	244	393
Bulgaria	126	139	195	176	189	144	168	220	202	187
Croatia	144	149	148	159	175	181	172	192	190	228
Cyprus	139	111	91	121	128	205	276	265	237	230
Czechia	557	558	589	627	655	684	686	637	587	743
Denmark	255	252	251	257	271	258	259	246	265	270
Estonia	239	248	259	242	328	359	402	407	353	449
Finland	354	316	313	312	310	359	355	315	333	364
France	209	215	213	213	223	230	231	226	189	214
Germany	460	465	484	477	491	496	478	423	374	424
Greece	94	106	120	95	142	127	128	132	127	141
Hungary	172	188	211	238	259	272	284	283	244	279
Ireland	89	88	104	121	119	140	147	162	145	159
Italy	358	363	364	407	394	414	423	418	343	449
Latvia	98	106	160	137	172	125	233	163	145	208
Lithuania	150	172	197	190	228	232	258	271	254	317
Malta	76	71	88	95	89	72	115	125	132	163
Netherlands	240	222	204	205	235	231	263	266	238	276
Poland	269	269	318	326	341	353	387	354	336	398
Portugal	191	225	202	225	219	237	274	266	252	283
Romania	165	164	192	201	205	213	233	232	212	220
Slovakia	340	373	395	410	415	449	480	460	408	447
Slovenia	427	411	386	495	523	591	679	634	623	736
Spain	223	234	250	274	271	285	296	281	246	275
Sweden	366	372	348	343	389	410	400	370	302	348
European Union (27)	277	281	294	303	312	320	328	309	272	321
Albania	211	205	197	107	151	86	80	103	106	118
Bosnia-Herzegovina	131	140	140	138	195	209	226	233	237	247
Iceland	114	319	108	151	180	170	183	183	134	147
Macedonia	37	27	88	104	189	99	93	101	120	109
Montenegro	176	125	233	284	270	319	166	133	91	96
Norway	200	189	279	199	194	222	217	201	208	187
Serbia	61	53	65	88	109	133	174	198	176	207
Switzerland	337	344	339	312	335	331	339	314	288	309
Türkiye	378	409	394	432	421	440	370	312	350	394
United Kingdom	152	149	165	161	166	167	163	153	134	161
Other Europe	54	62	58	99	58	73	63	84	61	73
Other Europe	255	268	272	285	287	297	266	236	244	276
Azerbaijan	118	142	142	101	61	58	75	81	73	59
Belarus	269	268	222	175	174	205	211	216	213	225
Georgia	71	36	62	86	104	93	118	95	117	76
Kazakhstan	163	201	157	150	128	144	135	140	128	137
Moldova	50	61	57	90	28	68	52	85	95	91
Russia	298	301	299	275	267	280	284	299	291	303
Ukraine	135	123	94	74	95	102	105	105	105	109
Uzbekistan	51	62	63	56	55	72	78	84	98	87
Other CIS	76	73	75	67	52	37	43	48	56	38
Russia & other CIS + Ukraine	208	211	201	182	176	186	190	199	196	199

Table 42 (continued)

Apparent steel use per capita

kg finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	449	422	446	362	370	384	408	346	361	379
Costa Rica	144	165	165	178	163	166	144	126	99	133
Cuba	12	13	13	13	12	12	12	12	9	10
Dominican Republic	34	37	50	41	41	44	49	53	40	53
El Salvador	44	44	49	52	52	49	57	61	50	71
Guatemala	43	48	64	66	58	55	53	58	53	71
Honduras	24	19	20	38	34	34	34	31	28	47
Mexico	181	175	198	207	210	210	204	195	174	202
Nicaragua	17	18	19	18	17	16	15	14	10	11
Panama	66	153	145	126	132	113	107	79	35	62
Trinidad and Tobago	210	219	228	218	206	205	206	208	152	168
United States	304	300	332	296	281	296	300	292	238	288
Other North America	15	14	16	20	21	25	21	33	28	28
North America	245	241	266	243	235	244	247	236	201	238
Argentina	117	119	117	121	96	112	109	88	80	111
Bolivia	11	49	57	52	56	47	49	49	26	44
Brazil	133	139	126	104	90	94	101	99	101	123
Chile	173	154	149	157	144	150	145	148	123	168
Colombia	77	75	85	86	77	73	69	71	57	79
Ecuador	97	123	104	105	95	104	106	100	79	102
Paraguay	37	38	40	38	49	51	69	52	50	66
Peru	90	92	96	114	95	116	93	92	73	109
Uruguay	73	67	65	69	58	59	60	53	64	74
Venezuela	101	96	68	60	22	17	6	4	3	4
Other South America	51	55	54	69	51	55	66	81	85	89
South America	114	118	110	101	85	90	90	87	82	105
Algeria	125	148	159	151	141	141	129	131	111	108
Angola	45	42	43	33	17	15	15	16	14	14
Benin	17	11	13	12	10	9	9	15	14	18
Cameroon	11	11	12	12	10	8	9	8	12	12
Congo	30	49	56	30	18	13	7	8	7	7
Dem. Rep. of the Congo	2	2	2	2	1	1	2	2	2	2
Djibouti	209	123	160	581	660	495	455	613	483	320
Egypt	104	99	107	111	117	100	107	98	90	93
Equatorial Guinea	108	103	83	57	28	15	15	13	36	7
Ethiopia	7	8	8	10	10	7	6	8	5	3
Gabon	73	73	77	46	31	23	24	30	29	21
Ghana	30	30	34	39	38	34	37	42	45	46
Guinea	7	10	10	12	9	11	13	13	14	19
Ivory Coast	9	12	13	15	16	17	16	14	21	24
Kenya	28	35	35	42	37	34	35	66	49	45
Libya	153	256	267	224	220	149	157	248	230	264
Madagascar	4	4	4	4	6	5	5	5	4	4
Mauritania	30	33	39	27	25	30	23	22	18	25
Mauritius	66	71	67	87	79	86	98	108	95	94
Morocco	78	82	74	78	81	85	83	84	72	81
Mozambique	11	14	15	14	9	8	9	11	10	11
Nigeria	13	15	13	12	9	8	11	10	10	9
Senegal	28	23	28	29	35	31	38	36	37	43
South Africa	99	106	94	95	88	92	88	82	64	86
Sudan	9	7	8	8	8	7	7	8	7	7
Tanzania	11	17	14	14	12	12	15	18	14	16
Tunisia	68	67	68	69	69	70	72	72	60	59
Togo	25	22	25	25	21	18	21	24	20	16
Uganda	2	3	4	4	3	4	5	5	3	3
Zambia	16	19	19	19	18	20	21	21	24	20
Zimbabwe	8	9	9	10	11	9	10	9	9	10
Other Africa	3	4	4	5	5	5	5	6	5	5
Africa	31	33	33	33	32	29	30	31	27	28

Table 42 (continued)

Apparent steel use per capita

kg finished steel products

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bahrain	174	197	203	199	181	181	181	183	142	169
Iran	245	252	249	241	229	236	228	214	197	207
Iraq	101	105	88	81	86	81	82	82	71	73
Israel	286	314	332	365	399	373	390	398	402	457
Jordan	149	131	124	117	113	88	96	75	55	58
Kuwait	325	345	379	370	359	328	342	272	225	360
Lebanon	161	138	136	137	143	147	154	161	148	158
Oman	303	322	339	348	321	316	319	327	276	292
Qatar	794	773	830	976	1 044	754	633	474	575	520
Saudi Arabia	407	422	439	412	365	346	293	279	303	317
Syria	31	20	13	14	14	13	13	12	11	11
United Arab Emirates	813	779	809	800	871	875	888	886	743	689
Yemen	20	17	31	20	16	15	15	14	11	11
Other Middle East	4	3	4	1	1	2	2	1	0	2
Other Middle East	219	222	225	219	214	207	198	187	175	182
Bangladesh	26	27	34	46	45	37	41	47	46	44
P.R. China	483	539	513	482	486	549	590	641	706	668
Hong Kong, China	257	312	346	477	312	293	275	280	277	363
India	57	57	58	61	62	65	71	74	64	75
Indonesia	50	50	50	44	48	51	56	59	56	57
Japan	500	511	531	495	490	508	518	502	420	461
D.P.R. Korea (e)	43	43	45	48	48	45	39	38	38	36
South Korea	1 089	1 033	1 098	1 094	1 112	1 093	1 039	1 027	949	1 081
Malaysia	301	333	329	322	325	295	302	281	205	209
Mongolia	127	153	155	116	66	83	119	147	165	139
Myanmar	29	30	44	50	49	43	45	51	53	25
Pakistan	15	16	22	29	36	39	34	25	26	36
Philippines	61	67	72	85	92	92	99	91	77	84
Singapore	711	781	688	711	496	472	497	395	271	417
Sri Lanka	30	28	32	45	51	49	46	42	38	43
Taiwan (R.o.C.)	765	796	835	745	775	746	750	741	789	886
Thailand	237	256	275	258	294	269	270	259	228	259
Viet Nam	123	130	158	198	240	230	235	254	241	226
Other Asia	12	9	14	11	23	31	32	54	12	16
Asia	239	259	253	243	246	267	283	300	311	305
Australia	284	249	275	264	242	221	220	217	199	240
New Zealand	167	173	187	176	162	166	168	163	148	157
Other Oceania	48	26	25	27	28	26	23	22	22	24
Oceania	201	175	191	184	169	157	155	152	140	165
World	202	214	212	204	203	216	223	229	228	233

Table 43

Production of pig iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	5 751	6 152	6 029	5 805	5 642	6 335	5 269	5 750	5 322	6 144
Belgium	4 073	4 343	4 388	4 248	4 869	4 849	4 754	4 818	3 647	4 212
Czechia	3 935	4 040	4 152	4 031	4 165	3 691	4 005	3 635	3 540	3 874
Germany	26 493	26 678	27 379	27 842	27 270	27 816	27 271	25 520	22 470	25 691
Finland	2 340	2 107	2 219	2 270	2 309	2 196	2 357	1 813	1 929	2 473
France	9 532	10 276	10 866	10 097	9 724	10 678	10 530	9 877	7 696	9 470
Hungary	1 229	628	801	1 247	864	1 311	1 355	1 151	968	621
Italy	9 424	6 933	6 371	5 051	6 044	5 052	4 836	4 606	3 405	3 926
Netherlands	5 917	5 681	5 868	6 050	6 092	6 145	6 150	5 936	5 435	5 895
Poland	3 952	4 011	4 637	4 821	4 674	5 151	4 853	4 386	3 470	3 587
Romania	1 467	1 604	1 631	1 983	1 972	1 927	1 979	2 107	1 848	2 089
Slovakia (e:2018-20)	3 520	3 617	3 838	3 738	3 987	4 108	4 037	3 185	2 753	4 014
Spain	3 081	3 949	3 958	4 450	4 116	4 462	4 521	3 880	2 850	4 050
Sweden	2 805	2 896	3 078	2 865	3 079	3 111	2 877	3 172	2 854	2 991
European Union (27)	83 520	82 914	85 215	84 499	84 808	86 833	84 793	79 835	68 188	79 037
Bosnia-Herzegovina	750	759	860	845	778	738	664	745	739	1 066
Norway	100	106	102	59	43	74	79	74	81	85
Serbia	312	365	550	904	1 154	1 340	1 593	1 577	1 107	1 186
Türkiye	8 613	9 180	9 364	10 184	10 304	10 589	10 536	9 869	9 971	10 449
United Kingdom	7 183	9 471	9 705	8 774	6 142	5 996	5 588	5 622	5 235	5 805
Other Europe	16 957	19 881	20 580	20 765	18 422	18 738	18 461	17 887	17 133	18 591
Kazakhstan	2 831	2 756	3 185	3 235	6 901	3 769	3 141	3 168	2 818	3 335 e
Russia	50 529	50 111	51 479	52 356	51 840	52 094	51 775	51 075	51 908	53 775 e
Ukraine	28 500	29 094	24 788	21 797	23 618	20 147	20 563	20 064	20 423	21 165
Russia & other CIS + Ukraine	81 860	81 962	79 452	77 388	82 359	76 010	75 479	74 306	75 149	78 276
Canada	7 654	6 100	6 728	5 851	6 240	6 306	6 646	6 320	5 223	6 208
Mexico	4 611	4 911	5 115	4 573	4 476	4 245	4 428	3 845	2 436	2 669
United States	32 062	30 308	29 374	25 435	22 293	22 395	24 058	22 301	18 320	22 246
North America	44 328	41 319	41 218	35 859	33 008	32 946	35 132	32 467	25 979	31 123
Argentina	2 073	2 650	2 766	2 685	2 141	2 171	2 184	1 964	1 930	2 142
Brazil (1)	26 900	26 200	27 016	27 985	26 345	28 572	28 655	26 280	24 628	28 530
Chile	1 068	766	584	644	677	670	661	595	663	695
Colombia	345	307	234	240	225	203	205	207	164	211
Paraguay	67	69	71	73	50	38	39	41	35	44
South America	30 454	29 992	30 671	31 627	29 439	31 654	31 744	29 087	27 421	31 622
Algeria (e)	350	300	300	300	300	300	300	300	300	300 e
Egypt (e)	550	550	550	500	500	150	150	170	120	... e
South Africa	4 599	4 928	4 402	4 464	4 311	4 352	4 611	3 791	2 103	2 917
Africa	5 499	5 778	5 252	5 264	5 111	4 802	5 061	4 261	2 523	3 217
Iran	2 143	2 007	2 782	2 459	2 251	2 293	2 362	2 530	2 466	2 690 e
Middle East	2 143	2 007	2 782	2 459	2 251	2 293	2 362	2 530	2 466	2 690

(1) - steel industry only.

Table 43 (continued)

Production of pig iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
China	670 102	711 499	713 748	691 413	702 273	713 619	779 876	808 494	907 597	868 570
India	47 987	51 359	55 166	58 394	63 714	66 808	72 610	74 156	67 782	77 627
Indonesia	...	...	1 730	2 460	2 640	2 650	2 730	2 900	3 000	3 400 e
Japan	81 405	83 849	83 872	81 011	80 186	78 330	77 328	74 907	61 600	70 344
D.P.R. Korea (e)	250	250	250	250	250	250	250	250	250	250 e
South Korea	41 734	41 045	46 909	47 639	46 336	47 071	47 124	47 521	45 360	46 441
Malaysia	...	...	...	477	522	382	487	3 872	4 251	5 415
Pakistan	198	165	142	163						
Taiwan, China	11 785	13 319	14 440	14 370	14 890	14 361	14 841	14 510	13 441	15 228
Viet Nam	650	650	1 393	1 700	2 600	4 250	8 323	9 836	12 500	15 000 e
Asia	854 111	902 136	917 651	897 875	913 410	927 722	1 003 570	1 036 446	1 115 780	1 102 275
Australia	3 710	3 477	3 282	3 594	3 642	3 758	3 882	3 664	3 723	3 751
New Zealand	670	682	680	678	670	683	679	672	613	693
Oceania	4 381	4 160	3 962	4 272	4 313	4 441	4 561	4 336	4 336	4 444
World	1 123 252	1 170 148	1 186 784	1 160 009	1 173 122	1 185 438	1 261 162	1 281 155	1 338 976	1 351 275

Table 44

Exports of pig iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	0	1	2	2	5	3	1	0	0	1
Belgium	236	231	173	144	174	165	121	84	56	77
Bulgaria	1	2	2	1	2	8	6	5	1	1
Czechia	83	68	43	16	16	103	148	46	52	84
Germany	125	137	116	141	145	237	194	191	266	222
Finland	14	6	0	0	5	8	0	0	1	2
France	44	42	35	34	37	49	106	126	48	109
Italy	52	40	49	59	60	48	63	54	31	40
Netherlands	269	113	172	220	271	455	552	523	553	319
Poland	79	50	80	65	85	66	83	76	63	72
Portugal	17	18	38	47	51	1	0	1	1	1
Romania	0	0	0	0	0	0	0	1	...	1
Slovakia	29	38	15	17	32	25	13	8	12	21
Slovenia	19	11	13	4	5	2	1	2	2	4
Spain	11	17	9	5	14	13	14	7	5	7
Sweden	88	35	67	77	90	89	0	0	0	2
Other E.U.	2	2	4	1	4	1	3	2	1	2
European Union (27)	1 070	809	817	834	995	1 275	1 306	1 126	1 091	964
o/w: extra-E.U. (27)	98	108	94	97	51	121	76	104	180	133
Bosnia-Herzegovina	54	45	39	39	1	...	27	...	...	...
Serbia	37	1	22	8	21	7	31	44	48	70
Türkiye	8	6	5	5	10	5	4	2	7	3
United Kingdom	4	2	2	3	0	5	8	6	11	3
Other Europe	0	0	0	0	0	0	0	0	0	0
Other Europe	103	54	67	55	32	17	70	53	67	77
Kazakhstan	1	1	3	2	35	3	39	92	93	9
Russia	3 996	3 946	4 359	5 339	5 139	4 819	5 774	4 253	4 182	3 997
Ukraine	1 966	2 261	2 212	2 152	2 540	2 343	3 007	2 580	3 104	3 236
Other CIS	10	5	0	0	0	0	0	0	0	0
Russia & other CIS + Ukraine	5 974	6 213	6 574	7 494	7 713	7 164	8 820	6 925	7 380	7 241
Canada	148	76	21	16	46	40	34	55	77	52
United States	122	44	52	67	62	66	26	11	94	27
Other North America	0	0	0	0	0	0	0	0	0	24
North America	270	121	73	83	108	106	60	66	171	104
Brazil	3 027	2 692	2 588	2 752	2 179	2 282	1 913	2 865	3 747	3 254
Other South America	0	3	15	17	35	5	0	0	0	0
South America	3 028	2 695	2 604	2 768	2 214	2 287	1 913	2 865	3 747	3 254
Algeria	23	9	17	14	...	27	10	30	8	9
South Africa	614	632	740	434	311	544	625	534	439	478
Other Africa	0	0	0	...	1	1	4	0	1	0
Africa	637	641	757	447	312	572	640	564	447	487
Iran	0	0	0	0	7	1	0	1	1	84
United Arab Emirates	...	0	0	...	...	1	1	0	2	32
Other Middle East	34	43	...	3	40	10	63	20	0	209
Middle East	35	43	0	3	47	12	64	21	2	325

Table 44 (continued)
Exports of pig iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
China	302	265	242	169	133	86	1	1	1	87
India	394	1 063	835	542	556	655	322	277	426	904
Indonesia	2	63	286	283	569	140	56	107	260	63
Japan	402	283	47	54	17	25	27	44	542	39
D,P,R. Korea (e)	187	166	166	135	135	133	...	...	...	...
South Korea	41	2	3	0	4	53	84	78	83	93
Taiwan, China	17	17	12	12	9	14	17	8	11	9
Thailand	1	2	1	1	2	1	1	0	0	...
Viet Nam	...	...	74	46	71	36	7	0	5	14
Other Asia	0	10	2	92	110	56	99	62	77	22
Asia	1 345	1 870	1 668	1 334	1 605	1 199	614	577	1 406	1 232
Australia	0	0	0	0	0	0	0	0	0	0
New Zealand	0	...	...	0	...	...	...	0	...	0
Other Oceania	...	...	...	...	...	...	...	...	...	...
Oceania	0	0	0	0	0	0	0	0	0	0
World	12 461	12 446	12 561	13 019	13 027	12 633	13 487	12 198	14 311	13 686

Table 45

Imports of pig iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	19	21	18	62	76	17	16	23	22	15
Belgium	286	279	232	182	201	215	253	253	86	95
Bulgaria	14	19	14	18	14	17	16	14	12	17
Croatia	12	14	13	15	14	14	14	11	10	23
Czechia	65	65	73	60	59	57	60	52	46	55
Denmark	17	19	19	22	17	7	14	14	12	12
Germany	585	448	460	547	593	438	465	428	232	281
Finland	22	19	12	20	24	23	27	15	10	17
France	132	186	149	150	143	135	159	151	103	103
Greece	0	3	7	38	2	14	12	6	3	8
Hungary	5	5	8	8	8	4	7	5	6	8
Ireland	1	1	0	0	0	0	0	0	0	0
Italy	1 107	1 481	1 690	1 671	1 600	1 656	1 701	1 412	1 085	1 393
Latvia	3	1	1	1	0	0	0	1	0	0
Netherlands	320	243	424	401	475	501	570	554	415	451
Poland	193	157	173	237	216	239	281	222	203	232
Portugal	2	3	4	9	18	28	3	2	5	3
Romania	59	36	11	22	38	29	51	60	47	61
Slovakia	38	36	35	38	46	45	40	36	34	28
Slovenia	31	30	29	30	22	24	19	17	19	26
Spain	274	219	276	247	221	197	232	266	153	222
Sweden	55	53	57	51	54	52	64	50	41	36
Other E.U.	1	1	1	0	1	1	1	1	1	1
European Union (27)	3 240	3 338	3 707	3 828	3 842	3 712	4 005	3 593	2 544	3 086
<i>o/w: extra-E.U. (27)</i>	2 398	2 592	3 010	3 159	2 945	2 916	3 144	2 823	2 004	2 521
Montenegro	...	...	0	0	0	0	0	...	...	...
Norway	10	8	3	1	4	1	1	2	1	1
Serbia	1	1	1	0	0	0	0	0	0	0
Switzerland	13	15	14	11	10	13	12	9	9	12
Türkiye	1 377	968	913	1 172	1 101	1 012	1 303	1 232	1 114	1 190
United Kingdom	59	38	53	47	33	50	37	50	22	38
Other Europe	1	1	9	4	3	11	6	3	4	6
Other Europe	1 461	1 032	992	1 235	1 151	1 088	1 359	1 296	1 150	1 247
Belarus	154	149	122	97	92	110	91	97	76	96
Moldova	3	0	0	2	0	1	2	0	9	14
Ukraine	34	13	7	3	2	2	1	1	1	0
Other CIS	4	5	9	5	19	100	542	51	16	5
Russia & other CIS + Ukraine	194	167	138	107	113	212	636	149	102	115
Canada	38	28	56	57	36	61	41	22	4	56
Mexico	166	284	323	838	551	236	390	345	181	239
United States	4 270	4 118	4 603	4 534	3 866	5 127	6 017	5 005	4 504	6 022
Other North America	231	1	16	0	0	2	1	0	1	0
North America	4 705	4 431	4 998	5 429	4 454	5 425	6 450	5 372	4 690	6 317
Argentina	29	7	4	55	81	75	39	16	24	105
Chile	38	1	1	1	1	1	1	1	1	1
Colombia	31	0	0	0	1	0	0	0	...	0
Other South America	31	2	2	1	9	117	177	82	36	147
South America	129	10	7	57	92	193	217	99	60	253
Egypt	1	59	113	177	72	0	10	0	1	0
Other Africa	10	6	10	5	13	9	7	6	8	8
Africa	11	65	124	182	85	9	17	6	9	8
Iran	0	0	0	0	0	0	...	...	0	...
Saudi Arabia	27	77	128	36	603	83	62	214	16	68
United Arab Emirates	47	65	84	104	35	76	140	63	163	193
Other Middle East	2	2	3	6	5	11	7	60	6	4
Middle East	77	144	215	146	643	170	210	337	186	266

Table 45 (continued)
Imports of pig iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
China	581	298	193	168	190	166	93	1 000	5 560	1 989
India	12	46	27	35	38	27	20	20	10	16
Indonesia	183	263	23	9	19	79	113	59	10	14
Japan	113	121	167	99	86	94	78	164	46	118
D,P.R. Korea (e)	3	1	...	1	0	2	...	...	...	...
South Korea	833	987	898	413	337	245	168	169	149	156
Malaysia	58	153	62	16	36	72	69	32	8	4
Pakistan	8	5	7	23	26	34	31	9	12	13
Taiwan, China	768	809	551	579	421	443	634	407	181	411
Thailand	204	115	385	371	462	411	384	170	177	...
Viet Nam	38	47	17	33	74	60	104	95	81	108
Other Asia	25	86	30	96	175	127	787	172	158	86
Asia	2 826	2 930	2 360	1 843	1 863	1 761	2 480	2 298	6 393	2 915
Australia	7	10	13	12	11	17	13	21	12	10
New Zealand	0	0	0	0	0	0	0	0	0	0
Other Oceania	0	0	0	...	...	3	...	...	...	2
Oceania	7	10	13	12	11	20	13	21	12	12
World	12 650	12 128	12 554	12 839	12 253	12 591	15 387	13 172	15 146	14 219

Table 46

Production of direct reduced iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Germany	555	498	566	551	603	635	564	470	530	500
Sweden	105	113	105	109	102	103	109	110	100	100 e
European Union (27)	660	611	671	659	705	738	673	580	630	600
Russia	5 125	5 329	5 350	5 436	5 820	7 242	7 901	8 030	7 810	7 794
Russia & other CIS + Ukraine	5 125	5 329	5 350	5 436	5 820	7 242	7 901	8 030	7 810	7 794
Canada	842	1 250	1 550	1 502	1 399	1 608	1 670	1 440	1 171	1 648
Mexico	5 586	6 100	5 979	5 499	5 306	6 011	5 972	5 974	5 170	5 827
Trinidad and Tobago	3 250	3 290	3 240	2 520	1 500	1 590	1 540	1 700	1 340	1 620
United States			1 300	1 100	1 810	2 990	3 350	3 240	3 350	5 010
North America	9 679	10 640	12 068	10 621	10 015	12 198	12 532	12 353	11 031	14 105
Argentina	1 607	1 466	1 663	1 252	773	1 231	1 606	1 086	525	1 408
Peru	96	93	88	72	11					
Venezuela	4 472	2 727	1 680	2 750	1 590	1 680	990	1 010	890	760
South America	6 174	4 285	3 431	4 075	2 373	2 911	2 596	2 096	1 415	2 168
Algeria	...	...	...	...	...	...	110	1 540	2 230	3 106
Egypt	3 068	3 432	2 882	2 451	2 618	4 667	5 753	4 426	4 828	5 355
Kenya (e)									100	100 e
Libya	508	956	998	449	699	560	612	856	796	861
South Africa	1 493	1 295	1 612	1 125	702	925	835	661	176	196
Zambia (e)							100	100	100	100 e
Africa	5 069	5 683	5 492	4 025	4 019	6 152	7 409	7 583	8 231	9 718
Bahrain		780	1 440	1 230	1 260	1 260	1 600	1 450	1 380	1 510
Iran	11 582	14 458	14 551	14 546	16 013	19 401	25 745	28 522	30 818	31 632
Oman	1 520	1 468	1 420	1 509	1 439	1 526	1 500	1 750	1 730	1 700
Qatar	2 420	2 386	2 549	2 631	2 506	2 548	2 526	2 423	763	781
Saudi Arabia	5 660	6 070	6 460	5 800	5 890	5 740	6 000	5 780	5 192	6 128
United Arab Emirates	2 699	3 075	2 409	3 190	3 479	3 608	3 784	3 667	2 961	3 653
Middle East	23 881	28 237	28 829	28 906	30 587	34 082	41 155	43 592	42 844	45 403
China	...	...	1 000	...	...	...	...	...	...	...
India	23 438	22 615	24 542	22 644	24 574	29 505	34 213	36 818	33 593	39 040
Indonesia	524	757	155	53	...	22	237	120	31	50 e
Malaysia	2 329	1 399	1 007	957	656	570	743	595	747	375 e
Pakistan	...	60	...	...	...	...	...	...	...	...
Asia	26 291	24 831	26 704	23 654	25 230	30 098	35 193	37 534	34 371	39 465
World	76 879	79 616	82 546	77 377	78 750	93 420	107 459	111 768	106 332	119 253

Table 47

Exports of direct reduced iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Belgium	...	...	0	...	0	113	203	226	281	31
Germany	0	0	0	0	0	0	0	0	0	1
France	6	3	13	16	0	0	0	1	0	2
Netherlands	0	8	8	13	0	2	0	65	56	69
Spain	2	2	4	3	1	0	0	0	0	0
Sweden	2	3	2	3	3	2	2	2	2	3
Other EU	7	6	7	59	20	1	35	16	21	33
European Union (27)	16	22	34	94	24	118	242	310	359	139
o/w: extra-E.U. (27)	8	9	18	78	21	2	4	2	9	3
Türkiye	...	...	0	...	...	0	0	0	0	...
Other Europe	2	5	4	9	32	17	14	23	16	0
Other Europe	2	5	4	9	32	17	14	23	16	0
Russia	2 132	2 062	2 192	2 207	2 289	2 848	3 637	4 092	3 933	4 014
Other CIS	...	0	0	...	...	0	...	24	1	0
Russia & other CIS + Ukraine	2 132	2 062	2 192	2 207	2 289	2 848	3 637	4 115	3 934	4 014
Canada	13	83	85	0	68	...	2	2	1	34
Mexico	55	...	...	...	...	...	...	...	34	...
Trinidad and Tobago	2 414	2 308	2 784	2 609	1 708	1 746	1 601	1 847	1 480	1 644
United States	8	5	4	21	178	640	554	314	647	25
Other North America	0	...	...	...	...	...	...	...	...	...
North America	2 490	2 396	2 873	2 630	1 954	2 386	2 157	2 163	2 162	1 703
Venezuela	2 117	800	56	928	1 156	1 233	590	663	1 129	476
Other South America	0	0	0	0	...	0	...	...	...	...
South America	2 117	800	56	928	1 156	1 233	590	663	1 129	476
Libya	34	206	285	120	130	108	123	187	276	261
South Africa	1	1	45	63	32	51	37	38	18	0
Other Africa	0	...	2	10	...	0	0	0	1	0
Africa	34	207	332	193	161	159	161	225	294	261
Iran	...	32	...	...	34	6	372	325	151	211
Oman	916	426	184	196	561	873	494	6 939	4 524	2 707
Qatar	36	46	41	18	0	91	...	2	4	142
Saudi Arabia	39	33	66	10	17	3	...	28	0	...
United Arab Emirates	1	187	50	13	25	73	82	126	98	185
Other Middle East	0	83	51	21	489	518	927	491	644	291
Middle East	992	807	392	259	1 126	1 563	1 874	7 910	5 422	3 536
China	112	224	60	41	1	15	0	0	0	4
India	126	117	167	132	262	500	658	861	591	665
Indonesia	42	0	21	1	...	1	2	1	19	1
Japan	1	1	1	1	...	...	...	...	...	...
DPR Korea (e)	5	10	12	2	...	...	...	...	...	...
South Korea	70	66	79	18	12	0	0	...	0	...
Malaysia	861	479	703	391	522	570	717	573	748	380
Other Asia	1	2	1	10	0	1	11	7	3	...
Asia	1 218	898	1 043	598	798	1 086	1 389	1 441	1 361	1 050
Australia	0	0	0	...	0	0	0	0	0	0
Other Oceania	...	...	...	...	0	0	0	...	0	0
Oceania	0	0	0	...	0	0	0	0	0	0
World	9 000	7 197	6 926	6 919	7 540	9 411	10 063	16 851	14 678	11 179

Table 48

Imports of direct reduced iron

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	69	37	42	29	89	425	265	171	192	213
Belgium	18	31	12	37	43	125	286	343	380	101
Czechia	15	9	6	6	3	3	5	5	6	10
Denmark	2	27	36	26	13	6	5	2	4	3
Germany	127	335	537	640	590	951	791	767	640	815
Finland	0	0	0	0	0	0	6	22	...	0
France	34	42	33	74	59	198	249	361	248	171
Italy	509	652	663	1 042	1 122	1 123	1 236	1 014	892	1 041
Netherlands	414	189	189	82	15	60	0	85	41	211
Portugal	27	30	0	280	123	129	81	216	132	97
Spain	441	640	596	734	299	426	426	434	356	406
Sweden	33	37	30	32	30	31	27	24	22	26
Other EU	1	1	2	37	9	19	7	32	10	59
European Union (27)	1 690	2 029	2 147	3 020	2 395	3 498	3 383	3 475	2 923	3 152
o/w: extra-E.U. (27)	1 601	1 960	2 087	2 925	2 314	3 234	3 169	3 196	2 623	2 895
Türkiye	5	29	46	47	77	250	182	398	289	68
United Kingdom	194	24	0	15	16	1	0	0	0	0
Other Europe	36	24	7	33	0	0	0	0	0	0
Other Europe	235	77	53	95	92	251	182	398	289	68
Belarus	51	58	90	42	70	179	265	298	248	270
Moldova	15	12	11	...	...	...	1	6	3	6
Ukraine	260	61	39	11	45	2	2	3	3	2
Other CIS	0	...	30	25	22	96	228	273	375	208
Russia & other CIS + Ukraine	326	131	170	78	137	277	496	580	629	486
Canada	160	64	40	5	1	0	14	15	10	11
Mexico	185	109	159	203	549	577	815	466	199	209
United States	2 762	2 364	2 392	1 866	1 598	1 789	1 752	1 762	1 364	1 708
Other North America	0	1	...	2	...	47	0	2	0	...
North America	3 107	2 539	2 590	2 077	2 148	2 413	2 581	2 246	1 573	1 928
Argentina	32	0	38	93	0	0	...	...	...	...
Peru	52	41	40	55	...	33	1	...	...	...
Other South America	35	0	0	0	...	...	0	...	0	...
South America	119	41	78	147	0	33	1	...	0	...
Egypt	187	86	67	0	32	0	0	...	...	0
South Africa	1	0	1	0	...	40	3	...	1	...
Other Africa	2	2	1	50	221	489	500	148	204	64
Africa	189	88	69	50	254	528	503	148	205	64
Saudi Arabia	0	80	126	13	1 255	1 713	1 184	15 179	0	8 182
United Arab Emirates	...	0	1	0	0	0	51	1	0	0
Other Middle East	7	8	287	42	90	125	987	400	765	472
Middle East	7	89	415	55	1 345	1 839	2 222	15 581	766	8 654
China	1 071	606	405	182	67	20	108	1 365	3 458	1 559
India	1 069	671	178	38	22	90	53	58	55	41
Indonesia	350	182	37	34	3	59	28	30	26	99
Japan	84	63	124	29	25	9	22	19	40	0
South Korea	439	644	636	346	383	417	449	406	163	249
Malaysia	14	59	46	54	16	35	57	84	26	15
Other Asia	97	131	189	174	459	561	719	852	772	1 119
Asia	3 124	2 356	1 614	858	975	1 190	1 436	2 814	4 541	3 081
Australia	1	0	0	0	0	1	1	2	1	1
Other Oceania	...	0	0	...	0	33	0	0	...	...
Oceania	1	1	1	0	0	34	1	2	1	1
World	8 798	7 351	7 136	6 381	7 348	10 062	10 806	25 243	10 928	17 434

Table 49

Monthly primary iron production

Year: 2021

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	510	489	547	492	552	515	530	526	440	516	510	516	6 144
Czechia	361	317	366	336	370	350	363	308	244	267	323	266	3 874
Bel/Fin/Rom/Slo/Swe (1)	1 175	1 044	1 330	1 359	1 339	1 394	1 356	1 334	1 338	1 452	1 356	1 304	15 779
France	784	744	830	771	831	846	807	813	727	768	798	751	9 470
Germany (1)	2 203	1 953	2 328	2 095	2 342	2 106	1 931	1 944	2 009	2 293	2 202	2 285	25 691
Hungary	50	33	36	38	40	53	62	57	56	65	69	61	621
Italy	305	365	336	286	282	276	343	419	396	311	356	250	3 926
Netherlands	548	458	545	457	566	436	466	540	412	534	495	438	5 895
Poland	316	294	326	320	339	259	249	344	293	314	241	294	3 587
Spain	313	320	365	351	365	331	348	341	336	337	321	321	4 050
European Union (27)	6 565	6 018	7 010	6 505	7 027	6 566	6 456	6 626	6 251	6 858	6 670	6 485	79 037
Bosnia-Herzegovina	66	61	73	68	80	90	100	100	100	110	110	110	1 066
Serbia	97	84	93	85	85	88	80	130	116	111	115	101	1 186
Türkiye	902	853	921	849	843	885	890	913	877	814	854	847	10 449
United Kingdom	471	437	495	487	562	501	408	454	484	492	496	518	5 805
Other Europe	1 536	1 435	1 583	1 489	1 571	1 563	1 479	1 597	1 577	1 528	1 574	1 575	18 506
Kazakhstan	270	244	290	283	284	244	330	275	300	250	285	280	3 335
Russia	5 202	4 682	5 362	5 126	5 191	5 218	5 252	4 816	4 868	5 334	5 212	5 307	61 569
Ukraine	1 818	1 689	1 807	1 759	1 831	1 871	1 877	1 830	1 667	1 566	1 720	1 731	21 165
Russia & other CIS + Ukraine	7 290	6 615	7 458	7 169	7 305	7 333	7 458	6 921	6 835	7 150	7 217	7 317	86 070
Canada	705	645	692	689	740	606	644	651	638	594	553	699	7 856
Mexico	720	520	770	770	822	695	613	671	697	743	712	764	8 496
United States (1)	1 740	1 710	1 900	1 830	1 870	1 880	1 910	1 930	1 910	1 850	1 830	1 885	22 246
North America	3 165	2 875	3 362	3 289	3 432	3 182	3 167	3 251	3 245	3 187	3 094	3 348	38 598
Argentina	242	252	307	314	301	244	297	315	333	311	327	307	3 550
Brazil (2)	2 444	2 253	2 175	2 322	2 420	2 386	2 460	2 542	2 489	2 284	2 423	2 332	28 530
Chile	55	55	59	62	62	57	53	61	51	65	64	51	695
Colombia	19	14	16	19	15	16	18	20	19	19	22	18	211
Paraguay	4	2	2	4	2	4	4	5	5	5	5	5	44
Venezuela	21	19	26	23	23	25	24	25	25	26	26	27	760
South America	2 784	2 594	2 584	2 743	2 822	2 731	2 855	2 968	2 923	2 710	2 866	2 739	33 790
Egypt (3)	430	378	467	424	430	436	437	451	461	385	568	487	5 355
Libya	83	106	116	98	50	59	0	0	59	107	115	69	861
South Africa	205	232	243	245	322	300	316	255	304	265	258	168	3 113
Africa	718	715	826	767	802	794	753	707	824	757	941	724	9 329

Note: annual totals may include revisions not shown in the months.

Table 49 (continued)

Monthly primary iron production

Year: 2021

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Iran	2 419	2 541	3 577	3 404	2 972	3 071	2 046	1 986	2 638	2 815	4 090	2 768	34 322
Qatar	68	34	70	70	72	70	73	72	69	72	40	71	781
Saudi Arabia	483	483	538	528	471	436	461	518	564	470	556	620	6 128
United Arab Emirates	356	296	327	330	313	328	320	312	170	257	306	338	3 653
Middle East	3 325	3 354	4 511	4 332	3 828	3 905	2 900	2 889	3 441	3 614	4 992	3 797	44 883
China	77 830	70 298	76 333	76 780	78 912	76 498	73 122	71 729	65 434	63 298	61 730	72 100	868 570
India	10 098	9 315	10 255	9 651	9 740	9 403	9 748	9 928	9 518	9 636	9 393	9 981	116 667
Japan	6 010	5 479	6 110	5 677	6 124	5 823	5 902	5 919	5 830	5 867	5 697	5 907	70 344
South Korea	4 114	3 725	3 984	3 635	3 729	3 789	4 015	4 023	3 818	3 754	3 897	3 958	46 441
Taiwan, China	1 299	1 153	1 280	1 220	1 317	1 247	1 303	1 301	1 267	1 282	1 271	1 288	15 228
Asia	99 350	89 971	97 961	96 963	99 822	96 760	94 091	92 899	85 866	83 837	81 988	93 234	1 117 250
Australia	327	299	293	316	330	310	307	309	282	331	306	340	3 751
New Zealand	64	53	51	56	67	61	63	62	59	48	50	59	693
Oceania	391	352	345	372	397	371	371	371	341	379	356	398	4 444
Total 44 countries	125 125	113 928	125 640	123 629	127 006	123 206	119 529	118 229	111 303	110 019	109 700	119 618	1 431 906

(1) - pig iron only.

(2) - steel industry only.

(3) - D.R.I. only.

Note: annual totals may include revisions not shown in the months.

Table 50

Production of iron ore

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria (1)	2 200	2 320	2 400	2 775	2 773	2 975	2 800	3 300	3 000	3 000 e
Germany (1) (2)	448	413	456	468	514	447	448	534	500	300
Sweden	26 540	27 285	28 144	24 600	26 900	27 200	27 530	29 200	29 180	28 867
European Union (27)	29 188	30 018	31 000	27 843	30 187	30 622	30 778	33 034	32 680	32 167
Bosnia-Herzegovina	2 100	2 100	2 100	2 123	1 752	1 600	1 400	1 400	1 400	1 600
Norway	3 280	3 440	3 792	3 290	1 800	1 700	1 770	1 600	1 550	1 700
Türkiye	6 557	8 589	11 887	7 800	7 100	6 227	6 339	6 586	7 984	8 270
Other Europe	11 937	14 129	17 779	13 213	10 652	9 527	9 509	9 586	10 934	11 570
Azerbaijan	215	145	115	...	26	...	...	...	...	...
Kazakhstan	20 900	21 410	24 628	17 531	15 995	18 331	19 952	21 967	21 980	38 700
Russia	103 337	102 497	101 448	101 973	104 007	106 507	107 399	107 695	111 026	111 400
Ukraine	80 826	83 696	82 409	81 966	74 967	76 711	74 172	76 406	78 495	79 200
Russia & other CIS + Ukraine	205 278	207 748	208 600	201 470	194 994	201 549	201 523	206 068	211 501	229 300
Canada (3)	39 401	41 841	44 196	45 954	46 731	50 300	52 760	58 470	58 750	57 500
Honduras	1 337	1 715	1 323	73	...	...	...	...	40	40
Mexico (4)	24 058	30 386	26 819	21 729	19 499	16 472	21 244	21 000	26 000	29 664 e
United States	58 000	52 800	56 100	46 100	41 800	47 900	49 500	46 900	38 620	48 700
North America	122 796	126 743	128 438	113 856	108 030	114 672	123 504	126 370	123 410	135 904
Argentina	485	435	328	...	...	...	...	...	...	...
Bolivia	...	...	...	24	0	38	72	57	57	340
Brazil	380 086	391 100	421 320	430 838	432 700	453 700	450 390	396 840	388 000	399 300
Chile	12 060	11 750	13 030	15 431	16 080	16 089	14 490	10 000	16 600	16 300
Colombia	392	710	676	902	716	713	576	667	588	327
Peru	10 639	7 014	7 193	7 321	7 663	8 800	9 530	10 120	8 890	10 700 e
Venezuela	16 347	7 831	6 284	10 530	8 465	6 668	4 044	2 668	2 600	3 500
South America	420 008	418 840	448 831	465 047	465 623	486 008	479 101	420 351	416 735	430 467
Algeria	1 784	1 067	911	944	826	830	635	2 849	3 900	5 200
Egypt	3 930	1 422	1 500	500	600	600	500	600	1 500	3 200
Guinea	...	...	...	...	...	...	...	...	644	1 000
Liberia	3 250	4 100	4 900	4 300	2 100	2 000	4 600	4 400	5 100	4 200
Mauritania	11 170	12 532	13 306	11 607	13 275	11 771	10 710	12 196	12 515	12 600
Morocco	261	301	23	18	21	100	100	100	51	51
Namibia	...	...	...	4	8	2	4	16	66	66 e
Nigeria	...	...	50	4	12	12	2	0	0	0 e
Sierra Leone	6 730	16 490	21 420	5 248	6 577	6 500	970	720	13	1 600
South Africa	67 100	71 645	80 741	72 806	66 456	74 790	74 260	70 500	55 635	73 091
Swaziland	952	1 077	557	...	...	49	...	...	...	...
Tunisia	223	243	308	285	211	198	176	186	186	186
Africa	95 400	108 877	123 715	95 715	90 085	96 852	91 956	91 568	79 612	101 195
Iran	43 497	48 693	54 100	51 000	64 500	74 000	55 000	60 932	53 564	55 700
Middle East	43 497	48 693	54 100	51 000	64 500	74 000	55 000	60 932	53 564	55 700
Bhutan	...	...	19	43	28	33	38	37	37	15
Burma	1 593	2 525	2 971	1 210	1 428	2 551	2 085	2 768	7 611	1 408
China (5)	1 327 300	1 522 129	1 526 717	1 381 289	1 271 731	1 229 373	763 374	844 356	866 717	980 528
China (4)	298 630	325 260	318 410	284 270	261 030	253 130	238 000	248 600	235 800	266 000
India	152 600	136 100	139 700	142 500	184 511	201 815	204 691	232 753	203 800	249 300
Indonesia	11 546	22 350	5 951	3 839	3 800	1 956	1 321	3 450	3 500	3 500
D.P.R. Korea (e)	5 100	3 444	3 212	1 931	2 022	2 044	387	387	387	387
South Korea (3)	593	663	693	445	445	311	383	342	100	200
Laos	61	441	1 098	235	115	250	99	470	1 000	1 854
Malaysia	12 144	12 134	9 615	1 532	1 847	3 872	3 536	4 160	5 371	7 700
Mongolia	7 561	6 011	6 293	4 274	4 936	7 695	6 225	8 570	9 220	9 224
Pakistan	...	409	197	329	432	502	677	627	620	427
Philippines	1 378	827	154	107	17	...	...	29	2	...
Thailand	303	390	348	16	...	0	...	18	100	370
Viet Nam	1 506	2 495	2 308	2 691	3 100	5 515	5 589	5 591	5 239	14 300
Asia	493 015	513 049	490 970	443 422	463 712	479 672	463 031	507 803	472 788	554 685

Table 50 (continued)

Production of iron ore

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Australia	520 032	608 900	745 735	809 900	858 026	884 900	903 900	917 000	918 100	922 200
New Zealand	2 395	3 157	3 245	3 165	3 496	4 008	3 521	3 234	3 776	3 700
Oceania	522 427	612 057	748 980	813 065	861 521	888 908	907 421	920 234	921 876	925 900
World	1 943 545	2 080 155	2 252 415	2 224 629	2 289 305	2 381 810	2 361 824	2 375 945	2 323 100	2 476 888

(1) - low Fe content.

(2) - not for steel production.

(3) - deliveries.

(4) - converted to correspond with world average Fe content - Source: RMG.

(5) - total production including ore with low Fe content and not included in totals.

(6) - iron sands.

Sources: UNCTAD, Russian Steel, RMG Consulting, NBS et al.

Table 51
Exports of iron ore

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Belgium	38	8	2	6	5	7	45	10	43	3
Bulgaria	23	...	183	226	217	235	200	165	149	167
Germany	40	44	66	65	45	70	47	431	884	1 447
Finland	0	...	0	38	184	180	206	99	23	13
France	88	168	90	100	78	18	65	29	87	92
Netherlands	20 931	21 092	21 800	23 362	18 675	18 742	22 605	21 129	16 916	19 191
Slovakia	119	416	98	14	42	27	10	44	60	79
Sweden	22 855	23 217	23 726	20 090	22 723	23 672	22 248	22 260	27 053	23 964
Other EU	120	387	93	58	12	358	213	530	462	146
European Union (27)	44 214	45 332	46 058	43 959	41 981	43 308	45 638	44 696	45 678	45 104
o/w: extra-E.U. (27)	25 802	11 600	12 152	9 535	23 641	11 851	10 670	13 156	16 611	12 858
Bosnia-Herzegovina	694	...	365	145	112	68	41	16	14	16
Norway	3 659	3 567	4 016	3 804	1 860	1 717	1 746	1 818	1 799	1 674
Other Europe	472	1 138	1 082	430	397	765	766	1 484	2 225	3 808
Other Europe	4 825	4 705	5 464	4 379	2 369	2 551	2 552	3 317	4 038	5 498
Kazakhstan	12 616	7 088	14 494	8 365	8 469	9 449	11 147	13 318	14 095	5 653
Russia	25 464	25 580	22 997	21 241	18 543	21 040	19 414	22 378	25 734	25 446
Ukraine	35 053	37 986	40 836	45 653	39 203	37 409	36 916	39 902	46 293	44 361
Russia & other CIS + Ukraine	73 133	70 654	78 328	75 259	66 214	67 898	67 477	75 599	86 122	75 460
Canada	34 471	38 023	40 301	36 864	40 596	41 174	47 719	52 162	55 135	53 827
Honduras	1 337	1 715	1 358	80	2	0	0	...	40	...
Mexico	4 406	10 105	2 291	176	41	114	352	1 095	1 890	2 787
Trinidad and Tobago	116	37	0	0	125	153	79	38	37	536
United States	11 179	11 041	12 385	8 157	8 761	10 609	12 986	11 339	10 431	14 508
North America	51 510	60 922	56 335	45 277	49 525	52 050	61 136	64 634	67 532	71 658
Argentina	367	480	406	310	170	26	270	872	...	...
Brazil	326 515	329 639	344 385	366 194	373 963	383 537	394 242	340 433	342 603	359 075
Chile	11 661	12 254	14 120	14 127	15 506	14 696	13 942	8 369	16 992	16 371
Peru	9 088	9 006	11 520	9 944	9 687	7 538	11 932	19 306	11 646	8 881
Venezuela	7 023	3 802	3 683	6 016	5 378	2 770	2 474	1 096	780	2 257
Other South America	9	5	20	26	8	43	12	513	516	40
South America	354 663	355 185	374 134	396 617	404 712	408 611	422 872	370 589	372 536	386 625
Egypt	7	124	263	159	76	25	...	16	7	0
Liberia	2 038	4 295	5 034	5 438	2 360	1 522	3 629	4 565	5 091	3 597
Mauritania	12 255	13 076	14 599	12 132	13 447	11 548	11 898	12 911	14 109	13 235
Morocco	173	309	27	8	54	51	10	10	8	19
Mozambique	93	12	28	...	...	62	20	29	0	0
Sierra Leone	3 961	11 996	19 190	2 585	4 108	6 985	923	171	...	1 818
South Africa	54 002	62 763	64 799	65 254	64 707	66 432	63 423	66 790	65 459	67 932
Other Africa	1 189	1 189	15	15	1	49	186	247	462	1 595
Africa	72 528	92 574	105 130	85 592	84 752	86 674	80 089	84 739	85 137	88 197
Bahrain	5 000	2 900	218	128	628	6 727	7 599	9 101	5 589	10 296
Iran	17 534	22 462	21 796	13 125	17 869	21 783	17 200	12 802	2 839	2 266
Other Middle East	827	1 727	1 093	2 091	5 569	5 976	7 178	6 340	1 968	1 179
Middle East	23 361	27 089	23 107	15 344	24 066	34 486	31 977	28 242	10 396	13 741

Table 51 (continued)
Exports of iron ore

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
China	33	59	132	110	655	5 451	11 092	14 686	15 636	23 339
India	28 432	14 426	9 844	4 211	21 697	28 057	17 900	31 211	51 973	35 792
Indonesia	11 546	22 308	3 162	3 130	3 808	1 999	1 031	2 812	3 333	2 139
DPR Korea (e)	2 412	3 061	2 830	1 543	1 638	1 659	...	...	...	...
Malaysia	8 931	12 428	11 610	13 262	22 384	23 026	23 314	27 395	20 678	22 104
Mongolia	6 330	7 387	6 911	5 876	6 241	6 581	7 613	8 307	8 366	7 323
Philippines	1 378	1 086	1 265	1 577	1 110	1 629	601	2 972	3 396	1 327
Viet Nam	1 749	4 502	1 518	266	948	3 513	1 739	2 026	339	333
Other Asia	2 158	3 199	4 178	1 879	1 792	3 090	2 398	4 201	5 071	4 055
Asia	62 967	68 457	41 450	31 852	60 272	75 005	65 687	93 609	108 793	96 411
Australia	524 056	613 379	754 302	810 529	854 443	872 751	887 434	836 224	873 031	876 573
New Zealand	1 665	1 971	2 201	2 071	3 214	2 931	2 471	2 194	2 827	...
Other Oceania	1 772	1 963	1 963	1 104	75	...	0	62	61	85
Oceania	527 493	617 312	758 465	813 704	857 732	875 682	889 905	838 480	875 919	876 658
World	1 214 694	1 342 230	1 488 472	1 511 985	1 591 623	1 646 264	1 667 334	1 603 905	1 656 151	1 659 353

Table 52

Imports of iron ore

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	6 056	5 864	5 100	5 137	4 152	5 695	5 518	4 496	3 202	4 513
Belgium	6 310	6 351	6 812	6 631	6 998	7 511	7 192	6 222	5 867	5 804
Bulgaria	2	10	14	1	1	3	3	4	2	2
Czechia	5 871	6 237	6 305	6 370	6 345	5 464	5 327	5 335	4 904	6 034
Denmark	78	40	29	53	85	49	61	38	2	56
Germany	40 724	40 930	43 030	40 964	41 273	38 265	39 557	37 061	33 447	40 161
Finland	3 221	2 903	3 078	3 423	3 516	3 166	3 551	2 618	2 539	3 631
France	13 604	15 285	17 106	15 655	13 947	16 238	16 070	13 880	11 167	13 918
Hungary	1 632	845	1 265	1 641	1 208	1 968	2 001	1 876	1 402	1 035
Italy	13 434	11 522	9 511	8 076	9 151	7 663	7 718	6 668	5 383	5 865
Netherlands	28 269	31 883	29 675	30 911	30 574	28 080	27 023	29 416	24 418	27 414
Poland	6 583	6 640	7 433	7 247	7 061	7 615	7 703	6 387	5 206	5 697
Romania	2 023	2 546	2 226	2 964	2 720	2 672	2 965	2 792	2 224	2 985
Slovakia	5 404	5 647	6 012	5 536	6 031	6 087	6 326	4 794	4 352	6 160
Spain	4 506	6 259	5 699	6 377	6 010	6 546	6 556	5 557	3 562	5 650
Sweden	44	26	26	70	175	171	186	96	39	29
Other E.U.	5	4	11	28	22	23	27	19	17	7
European Union (27)	137 768	142 992	143 331	141 084	139 268	137 218	137 784	127 258	107 733	128 962
o/w: extra-E.U. (27)	112 970	115 393	114 556	113 648	126 020	124 484	122 734	116 028	94 471	114 908
Norway	93	74	49	27	75	87	29	32	36	49
Serbia	241	338	293	1 287	1 771	2 154	2 220	2 433	1 395	1 709
Türkiye	7 842	8 114	8 544	10 011	10 418	10 931	10 736	10 125	9 921	11 263
United Kingdom	10 062	14 137	14 469	12 047	9 292	9 711	8 898	7 658	7 061	8 119
Other Europe	12	9	13	12	14	16	12	21	18	32
Other Europe	18 250	22 673	23 369	23 385	21 569	22 898	21 896	20 270	18 430	21 174
Kazakhstan	0	...	0	...	...	...	0	1	1	0
Russia	225	86	10 341	8 103	7 203	8 458	7 996	9 199	8 046	9 449
Ukraine	2 882	3 110	3 212	2 255	1 765	297	112	14	0	1
Other CIS	45	22	48	52	186	188	151	224	180	162
Russia & other CIS + Ukraine	3 153	3 219	13 601	10 410	9 154	8 943	8 259	9 438	8 227	9 613
Canada	6 500	6 112	8 955	6 596	7 100	7 992	10 082	16 595	7 082	8 281
Mexico	1 368	1 142	1 551	1 460	3 699	2 541	3 301	2 364	1 489	2 608
Trinidad and Tobago	4 691	4 659	5 445	7 779	5 890	3 786	2 173	2 808	1 806	1 701
United States	5 132	3 172	5 097	4 550	3 079	6 371	5 678	6 000	5 160	5 434
Other North America	5	1	0	0	0	1	159	0	191	174
North America	17 696	15 086	21 049	20 385	19 768	20 690	21 394	27 769	15 728	18 197
Argentina	5 328	5 828	6 385	5 189	4 298	4 864	3 075	3 737	3 133	5 873
Brazil	0	0	5	0	0	0	0	298	171	297
Colombia	3	3	0	1	1	1	0	0	0	0
Paraguay	48	49	81	108	122	117	8	3	20	...
Peru	0	0	0	0	0	0	0	0	0	0
Venezuela	0	0	...	...	...	...	...	...	...	...
Other South America	1	0	0	0	1	83	119	3 972	192	345
South America	5 382	5 879	6 471	5 298	4 422	5 065	3 201	8 010	3 515	6 515
Algeria	26	0	0	0	3	4	386	2 538	3 206	4 008
Egypt	4 235	3 824	3 249	2 209	4 062	3 296	3 632	3 690	15 284	1 705
Libya	844	1 819	1 377	306	888	1 087	1 210	1 981	300	604
South Africa	558	476	479	429	341	466	487	461	1	1
Other Africa	12	167	371	2	51	813	1 976	4 674	4 417	6 614
Africa	5 675	6 287	5 476	2 946	5 344	5 666	7 690	13 344	23 208	12 932

Table 52 (continued)

Imports of iron ore

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bahrain	5 103	2 969	5 460	6 059	4 853	5 636	8 992	10 060	7 209	12 778
Iran	39	0	500	492	65	...	0	3	3	3
Qatar	2 714	2 431	2 268	2 451	1 630	3 104	3 822	2 197	493	1 257
Saudi Arabia	4 161	3 575	5 111	4 031	6 596	6 685	5 927	5 108	4 312	7
United Arab Emirates	3 050	3 051	2 703	3 850	2 282	3 902	3 969	3 919	2 948	3 728
Other Middle East	10 254	10 137	10 506	10 943	9 164	13 208	12 913	13 435	10 119	12 445
Middle East	25 321	22 163	26 549	27 825	24 590	32 534	35 622	34 722	25 083	30 217
Bangladesh	...	...	...	0	...	...	0	0	96	38
China	745 434	820 175	933 108	953 370	1 024 709	1 075 398	1 064 562	1 069 138	1 170 370	1 125 633
Hong Kong, China	242	724	4 754	3 655	3 647	2 358	1 599	2 494	15 914	19 367
India	2 822	1 115	7 413	9 515	3 597	5 362	15 890	2 129	717	5 515
Indonesia	973	1 932	3 869	5 424	5 110	5 420	5 582	4 903	6 876	9 792
Japan	131 114	135 886	136 436	131 010	130 035	126 526	123 852	119 574	99 448	113 081
South Korea	65 998	63 372	73 507	73 282	71 741	72 428	73 160	74 661	70 385	74 222
Malaysia	3 291	1 711	3 814	14 742	22 966	21 909	27 002	30 861	19 155	22 318
Pakistan	...	0	80	...	...	0	1	0	0	0
Philippines	6 746	6 891	6 352	15 836	3 287	5 050	4 028	4 794	4 476	5 779
Singapore	1	0	1	1	1	8	8	1	0	0
Taiwan, China	18 396	21 773	23 039	23 814	23 462	23 673	24 190	23 397	21 235	25 034
Thailand	11	11	4	...	...	...	...	...	1	...
Other Asia	14 110	234	114	298	14 640	4 312	9 891	10 236	11 167	18 546
Asia	989 138	1 053 825	1 192 491	1 230 947	1 303 195	1 342 443	1 349 763	1 342 188	1 419 840	1 419 324
Australia	3 951	4 070	3 003	2 792	815	341	769	815	888	864
Other Oceania	1	1	1	1	0	0	1	67	0	1
Oceania	3 952	4 071	3 004	2 793	815	342	769	883	889	865
World	1 206 334	1 276 195	1 435 341	1 465 071	1 528 125	1 575 799	1 586 379	1 583 882	1 622 654	1 647 799

Table 53

Exports of scrap

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	978	999	1 077	1 051	1 114	1 231	1 169	1 135	1 214	1 203
Belgium	3 476	3 212	3 931	3 152	3 540	3 756	3 972	3 766	4 020	4 079
Bulgaria	731	611	399	240	240	399	382	440	447	617
Croatia	517	364	352	306	362	408	367	427	567	572
Cyprus	135	104	79	64	58	67	70	84	82	90
Czechia	1 901	1 880	2 045	1 751	1 774	2 101	2 243	2 263	2 185	2 248
Denmark	1 537	1 270	1 703	1 277	1 572	1 568	1 631	1 480	1 492	1 943
Estonia	593	489	415	291	369	561	489	411	404	537
Finland	363	326	398	353	318	336	420	502	691	673
France	6 118	5 985	6 177	5 380	5 428	6 176	6 429	6 594	6 119	6 333
Germany	8 924	8 378	8 433	7 492	8 675	8 174	8 085	7 940	7 726	6 539
Greece	57	71	62	24	17	38	69	39	60	111
Hungary	1 108	1 048	1 019	843	906	911	919	831	865	997
Ireland	491	404	440	349	350	447	584	423	355	412
Italy	325	254	269	309	353	426	462	490	663	496
Latvia	489	469	517	457	341	404	502	416	477	612
Lithuania	535	473	540	508	526	820	832	746	1 011	1 242
Luxembourg	83	75	90	100	117	111	105	100	89	87
Malta	34	28	49	29	38	45	147	42	40	79
Netherlands	4 798	4 195	3 994	4 055	5 037	5 572	6 159	6 342	6 274	6 513
Poland	1 833	1 909	2 005	1 431	1 340	1 397	1 677	2 128	2 204	2 378
Portugal	167	245	230	215	216	434	480	429	375	344
Romania	1 894	1 946	1 422	710	702	816	952	1 129	1 450	1 562
Slovakia	414	353	489	486	570	556	631	830	804	769
Slovenia	414	394	415	396	370	445	477	476	444	535
Spain	663	510	600	345	331	398	736	562	603	607
Sweden	1 525	1 298	1 441	1 246	1 389	1 402	1 330	1 491	1 445	1 323
Other E.U.	5	4	2	4	2	2	5	5	3	4
European Union (27)	40 108	37 294	38 592	32 863	36 055	39 002	41 325	41 522	42 109	42 903
o/w: extra-E.U. (27)	13 866	12 430	12 613	10 499	11 671	13 197	15 029	15 618	17 365	19 084
Albania	100	24	23	17	32	23	12	10	12	18
Bosnia-Herzegovina	218	184	156	121	117	206	167	136	138	225
Macedonia	53	30	29	35	46	40	44	46	41	50
Montenegro	43	29	17	4	2	28	19	13	11	36
Norway	346	363	423	420	459	483	534	583	604	484
Serbia	373	330	267	168	161	300	189	226	280	214
Switzerland	627	712	632	620	681	757	722	751	795	724
Türkiye	95	102	168	145	156	172	180	152	173	88
United Kingdom	7 299	6 948	6 987	7 270	8 130	8 813	8 702	8 053	6 839	8 067
Other Europe	44	114	69	52	61	60	132	70	111	69
Other Europe	9 197	8 837	8 771	8 852	9 845	10 881	10 700	10 041	9 005	9 975
Belarus	19	10	13	11	12	9	11	12	13	11
Georgia	199	52	23	15	4	13	52	42	13	88
Kazakhstan	781	726	14	7	194	11	99	1 021	441	125
Kyrgyzstan	17	2	1	0	0	3	8	17	2	67
Moldova	28	127	4	1	1	4	1	1	19	80
Russia	4 349	3 714	5 765	5 910	5 524	5 247	5 542	3 721	4 727	4 028
Ukraine	367	255	928	1 208	273	487	328	42	36	612
Other CIS	4	2	2	2	27	14	12	27	9	11
Russia & other CIS + Ukraine	5 763	4 888	6 751	7 155	6 035	5 787	6 052	4 883	5 260	5 022

Table 53 (continued)
Exports of scrap

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Canada	4 248	4 521	4 510	3 415	3 632	4 409	5 107	4 352	4 512	4 450
Costa Rica	131	143	147	120	83	103	114	79	168	108
Dominican Republic	198	176	229	124	120	161	195	197	155	206
El Salvador	42	31	31	20	11	19	13	15	12	23
Guatemala	22	30	33	10	18	22	24	15	6	18
Haiti	50	24	37	27	26	32	54	34	46	35
Honduras	60	60	65	59	51	72	53	68	32	47
Jamaica	5	19	40	17	21	30	41	41	36	39
Mexico	858	779	701	459	416	626	787	842	718	607
Nicaragua	63	54	53	46	39	40	54	54	42	76
Panama	134	67	153	119	215	268	213	148	94	87
Trinidad and Tobago	58	62	82	52	48	53	100	91	80	102
United States	21 397	18 495	15 340	12 976	12 819	15 016	17 332	17 685	16 874	15 862
Other North America	137	125	89	40	28	57	64	71	58	75
North America	27 403	24 585	21 511	17 482	17 527	20 908	24 151	23 694	22 833	21 734
Bolivia	44	40	52	49	30	41	51	75	46	81
Brazil	444	453	648	679	611	589	356	699	732	490
Chile	221	204	337	253	221	262	351	351	354	167
Colombia	63	76	64	34	27	56	88	52	31	35
Ecuador	3	3	4	3	4	3	5	7	3	6
Paraguay	58	54	57	77	51	82	99	66	39	35
Other South America	78	76	27	30	16	15	20	1 169	39	49
South America	912	907	1 189	1 125	960	1 049	970	2 419	1 244	863
Algeria	0	...	0	0	0	...	0	22	0	0
Egypt	46	30	23	13	69	13	25	302	39	27
Ghana	57	23	32	12	10	10	21	18	9	8
Morocco	35	72	64	47	48	20	18	17	10	17
South Africa	1 632	1 485	1 486	1 266	644	467	460	525	314	197
Zimbabwe	8	8	37	21	8	4	8	24	26	26
Other Africa	821	689	626	630	527	857	839	957	757	1 243
Africa	2 598	2 307	2 269	1 989	1 307	1 372	1 371	1 865	1 155	1 518
Bahrain	106	96	107	61	66	162	185	155	159	203
Iran	21	2	0	0	2	1	0	208	58	72
Israel	338	209	265	141	201	285	314	333	479	583
Kuwait	221	123	130	55	36	67	136	220	255	291
Lebanon	365	408	265	173	248	383	372	149	201	238
United Arab Emirates	1 004	920	1 162	964	901	786	1 209	1 913	1 555	1 805
Other Middle East	139	111	92	70	45	345	282	416	321	507
Middle East	2 195	1 869	2 022	1 464	1 498	2 029	2 498	3 395	3 026	3 699
China	1	0	1	1	1	2 230	337	3	0	3
Hong Kong, China	729	622	635	508	...	1 380	1 295	583	520	414
Indonesia	41	42	42	52	59	70	67	49	50	50
Japan	8 594	8 150	7 351	7 847	8 706	8 208	7 402	7 657	9 387	7 004
South Korea	236	205	298	418	559	621	410	226	254	231
Malaysia	80	53	52	47	151	273	435	400	455	149
Philippines	253	170	403	188	512	486	487	415	243	238
Singapore	852	978	911	844	1 048	790	775	759	506	633
Taiwan, China	96	74	67	62	77	104	94	92	90	89
Thailand	481	437	384	397	431	388	408	364	278	...
Other Asia	347	277	308	219	254	420	658	526	461	412
Asia	11 709	11 007	10 453	10 583	11 798	14 971	12 367	11 074	12 244	9 223
Australia	2 245	2 200	2 362	1 898	1 583	1 979	1 968	2 231	2 090	1 638
New Zealand	363	352	367	413	609	572	626	582	353	510
Other Oceania	94	68	57	30	22	69	44	49	32	32
Oceania	2 701	2 619	2 785	2 341	2 213	2 621	2 638	2 863	2 474	2 180
World	102 586	94 313	94 342	83 855	87 238	98 620	102 071	101 755	99 351	97 117

Table 54

Imports of scrap

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	1 060	1 141	1 188	1 098	1 018	1 040	1 077	1 153	1 155	1 227
Belgium	4 054	4 213	4 760	4 167	4 084	4 643	4 489	4 494	4 593	4 001
Bulgaria	114	93	115	105	92	101	166	239	186	135
Czechia	456	546	565	493	475	442	446	443	440	471
Denmark	229	236	253	113	101	135	189	225	348	566
Estonia	7	20	36	55	84	126	164	170	121	67
Germany	5 484	5 340	5 045	4 236	4 348	4 463	4 018	3 990	3 786	4 284
Finland	203	49	81	65	10	15	17	17	13	14
France	2 705	2 363	2 473	2 247	1 806	1 909	1 832	1 525	1 503	1 435
Greece	498	301	455	438	764	889	934	851	763	865
Hungary	47	47	70	97	90	94	82	80	80	75
Italy	5 264	4 957	5 145	4 643	4 434	5 209	5 616	5 355	5 197	6 095
Latvia	883	318	201	124	110	140	141	110	188	165
Lithuania	56	30	35	24	30	84	205	228	383	491
Luxembourg	1 682	805	1 403	903	2 258	2 197	2 089	2 299	1 855	2 029
Netherlands	1 872	1 742	1 885	1 641	1 940	2 238	2 849	3 204	3 587	3 129
Poland	385	507	481	745	779	806	855	770	720	559
Portugal	587	1 279	1 352	1 490	1 396	1 616	1 755	1 420	1 593	1 127
Slovakia	339	380	234	165	162	253	368	113	269	409
Slovenia	550	538	576	514	531	571	578	545	514	561
Spain	4 289	4 705	4 827	5 030	3 965	4 101	3 816	4 011	3 302	3 705
Sweden	236	256	295	261	275	293	284	202	210	89
Other E.U.	74	80	113	112	143	198	304	221	334	578
European Union (27)	31 073	29 949	31 590	28 766	28 897	31 563	32 273	31 666	31 141	32 077
<i>o/w: extra-E.U. (27)</i>	8 061	8 312	8 308	8 079	4 408	4 921	4 564	4 277	4 236	5 125
Albania	99	39	105	49	2	81	110	86	99	43
Macedonia	135	47	129	71	81	168	114	167	158	195
Montenegro	8	7	2	13	4	6	0	...	1	0
Norway	211	203	156	184	266	278	325	340	338	273
Serbia	90	169	148	105	24	18	4	4	4	5
Switzerland	344	417	426	474	459	521	490	385	477	606
Türkiye	22 415	19 725	19 068	16 251	17 716	20 980	20 660	18 811	22 468	24 318
United Kingdom	286	303	351	302	266	345	400	296	400	391
Other Europe	1	4	9	2	10	7	3	4	9	3
Other Europe	23 589	20 915	20 395	17 451	18 829	22 405	22 106	20 093	23 952	25 833
Belarus	1 356	1 239	1 253	1 382	1 235	1 353	1 497	1 280	1 181	1 136
Moldova	27	73	101	256	5	309	301	185	256	350
Russia	4	5	264	235	444	755	646	1 040	442	875
Ukraine	116	239	28	3	22	25	43	50	26	16
Uzbekistan	250	297	0	0	153	5	52	119	29	6
Other CIS	871	734	18	1	14	10	35	8	16	7
Russia & other CIS + Ukraine	2 624	2 587	1 665	1 876	1 874	2 458	2 574	2 682	1 950	2 391
Canada	2 343	1 746	1 520	1 516	1 839	2 115	3 471	2 135	1 031	673
Mexico	946	864	915	1 483	1 893	1 782	1 913	1 472	2 126	2 767
United States	3 711	3 882	4 215	3 513	3 864	4 636	5 030	4 268	4 512	4 853
Other North America	69	25	12	19	12	61	124	70	36	40
North America	7 070	6 517	6 661	6 530	7 607	8 594	10 538	7 946	7 705	8 333
Brazil	51	55	23	25	33	20	267	174	91	241
Peru	265	340	372	430	415	500	491	517	221	719
Other South America	137	182	219	187	209	309	205	250	224	352
South America	452	577	614	643	657	828	963	941	537	1 313

Table 54 (continued)

Imports of scrap

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Egypt	2 021	2 891	2 971	928	1 028	115	5	1 654	33	1 227
Morocco	474	292	360	563	312	350	439	467	431	516
South Africa	11	28	101	74	66	67	100	125	97	89
Other Africa	18	40	19	23	10	25	65	126	129	24
Africa	2 524	3 251	3 451	1 587	1 416	557	610	2 372	690	1 856
Iran	5	24	2	1	15	13	36	8	5	3
United Arab Emirates	45	41	184	62	52	125	155	149	133	58
Other Middle East	183	76	975	584	656	956	785	873	873	749
Middle East	232	140	1 161	647	723	1 094	976	1 030	1 010	810
Bangladesh	205	279	459	946	2 011	2 142	2 372	3 718	3 760	3 549
China	4 974	4 465	2 564	2 328	2 162	2 326	1 343	184	27	484
Hong Kong, China	155	151	108	135	87	309	304	166	61	59
India	8 156	5 632	5 699	6 710	6 380	5 365	6 330	7 053	5 383	3 783
Indonesia	1 944	2 399	2 137	1 020	1 020	1 857	2 510	2 614	1 420	1 442
Japan	225	234	370	149	176	232	216	107	48	35
South Korea	10 126	9 260	8 002	5 758	5 845	6 175	6 393	6 502	4 399	4 492
Malaysia	1 816	1 921	961	446	316	844	980	1 532	1 396	866
Pakistan	922	874	1 340	2 119	2 388	2 830	2 469	4 019	4 532	4 146
Singapore	295	130	114	46	52	225	138	91	116	82
Taiwan, China	4 954	4 446	4 272	3 373	3 155	2 919	3 629	3 523	3 616	2 903
Thailand	1 701	961	1 383	945	953	1 741	1 724	1 033	1 401	...
Viet Nam	2 169	2 131	2 277	2 466	3 286	4 550	4 706	4 853	5 427	4 595
Other Asia	179	80	39	73	58	68	58	365	86	237
Asia	37 821	32 963	29 724	26 514	27 888	31 581	33 171	35 761	31 672	26 674
Australia	5	2	23	22	81	52	55	95	116	108
New Zealand	16	14	15	9	7	8	8	7	14	3
Other Oceania	1	32	0	0	0	49	1	3	1	36
Oceania	22	48	37	31	88	108	64	105	130	148
World	105 407	96 947	95 299	84 046	87 978	99 188	103 276	102 594	98 788	99 434

Table 55

Indirect exports of steel

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	3 189	3 574	3 588	3 606	3 661	3 685	3 761	3 899	4 010	3 977
Belgium-Luxembourg	5 471	6 436	7 272	7 942	7 566	6 826	7 644	7 413	8 014	8 248
Bulgaria	358	488	483	477	493	509	496	555	590	627
Croatia	430	438	420	337	376	438	441	488	490	485
Cyprus	15	13	15	14	16	16	8	9	10	10
Czechia	5 067	6 077	6 149	6 287	6 652	6 998	7 284	7 779	7 967	8 021
Denmark	1 482	1 852	1 684	1 667	1 843	1 597	1 608	1 843	2 124	2 083
Estonia	334	345	379	386	336	331	298	388	420	454
Finland	1 000	955	1 004	1 171	1 022	1 002	888	1 111	1 140	1 280
France	8 609	9 444	8 579	7 941	7 889	8 561	8 237	8 436	8 244	8 632
Germany	26 839	30 405	30 110	30 650	32 061	32 201	32 991	35 750	37 154	32 899
Greece	240	292	301	179	278	274	284	279	296	295
Hungary	1 890	2 169	2 201	2 484	2 754	2 944	3 017	3 115	3 169	3 298
Ireland	270	359	348	344	335	345	341	379	392	408
Italy	12 047	13 086	12 802	12 823	12 980	13 234	13 535	14 297	14 147	13 341
Latvia	189	240	230	222	246	229	240	284	325	330
Lithuania	582	718	724	750	661	508	539	688	719	800
Malta	7	7	10	9	12	12	13	21	14	9
Netherlands	5 137	6 913	6 882	7 394	6 864	5 594	5 882	6 226	6 744	7 133
Poland	6 799	7 842	8 210	8 641	9 103	9 400	8 704	9 017	9 682	9 865
Portugal	1 316	1 461	1 717	1 720	1 717	1 691	1 681	1 851	2 006	2 026
Romania	1 613	1 852	1 846	2 034	2 119	2 168	2 375	2 555	2 684	2 605
Slovakia	2 263	2 607	2 931	3 205	3 327	3 517	3 532	3 668	3 903	3 612
Slovenia	951	996	955	953	1 002	1 056	1 421	1 119	1 337	1 324
Spain	8 068	9 091	8 612	8 696	8 942	9 205	9 584	9 925	10 106	9 480
Sweden	2 575	2 970	2 746	2 666	2 645	2 704	3 010	3 160	3 266	3 216
European Union (27)	96 741	110 629	110 198	112 598	114 901	115 044	117 816	124 258	128 954	124 457
Norway	1 117	1 143	671	650	784	712	947	918	417	475
Serbia and Montenegro	261	284	314	477	473	499	535	568	545	538
Switzerland	1 162	1 235	1 178	1 183	1 188	1 189	1 169	1 298	1 281	1 221
Türkiye	4 729	5 181	5 471	5 831	6 238	6 328	6 468	7 292	7 769	8 647
United Kingdom	5 647	6 207	5 997	5 998	5 848	5 815	5 983	6 059	6 259	5 972
Other Europe	12 916	14 049	13 630	14 140	14 531	14 543	15 102	16 136	16 271	16 853
Belarus	923	1 142	1 267	1 145	1 070	868	1 016	1 127	1 135	1 199
Kazakhstan	89	211	187	182	150	63	142	141	221	336
Russia	1 302	1 167	2 038	2 056	1 929	2 226	1 858	2 043	2 423	2 499
Ukraine	1 945	2 152	2 433	1 731	1 018	756	788	908	859	881
Russia & other CIS + Ukraine	4 259	4 672	5 926	5 114	4 167	3 913	3 804	4 218	4 637	4 914
Canada	4 836	5 645	5 839	5 166	5 823	5 685	6 570	5 974	6 125	6 324
Mexico	8 523	10 655	11 475	12 188	13 851	14 326	15 502	14 572	15 454	17 248
United States	18 682	22 937	22 013	21 315	22 398	19 936	20 787	19 818	20 767	20 865
North America	32 042	39 237	39 327	38 669	42 072	39 946	42 859	40 364	42 347	44 437
Argentina	895	1 014	882	890	713	526	484	564	458	422
Brazil	2 648	2 868	2 812	2 963	2 363	2 357	2 665	2 846	2 834	2 360
Chile	260	337	287	330	372	331	346	365	343	286
Colombia	148	151	171	188	164	153	152	164	166	159
Ecuador	72	65	91	61	50	52	47	56	49	39
Peru	80	76	106	101	100	91	104	100	110	100
Venezuela	20	68	23	48	16	18	4	6	6	3
South America	4 122	4 578	4 372	4 580	3 779	3 528	3 803	4 101	3 965	3 369

Table 55 (continued)

Indirect exports of steel

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Algeria	2	3	15	2	1	8	4	64	8	10
Angola	18	9	7	4	4	4	77	36	33	5
Cameroon	13	20	12	22	18	6	5	12	2	41
Egypt	320	214	135	223	241	132	127	91	101	170
Ethiopia	7	3	5	3	8	7	7	0	15	2
Ghana	17	56	73	43	32	23	21	14	14	13
Kenya	45	17	20	42	19	55	54	52	48	48
Morocco	76	85	136	180	252	320	371	412	344	475
Nigeria	7	9	7	5	10	55	4	3	111	100
South Africa	1 237	1 426	1 436	1 772	1 794	1 518	1 694	1 637	1 663	1 790
Tanzania	22	29	32	22	29	10	8	8	24	15
Africa	1 766	1 870	1 877	2 318	2 408	2 138	2 373	2 331	2 363	2 668
Iran	40	38	109	59	57	55	48	59	45	45
Saudi Arabia	277	103	194	729	767	719	701	944	1 110	342
United Arab Emirates	1 453	1 279	3 872	4 107	4 278	3 128	2 862	3 612	4 081	4 047
Middle East	1 769	1 420	4 175	4 895	5 102	3 902	3 611	4 615	5 236	4 434
Australia	667	753	835	866	829	890	868	482	411	460
China	62 010	71 460	69 431	67 239	67 458	70 455	71 053	79 446	86 003	95 787
India	2 539	4 518	4 692	4 858	5 296	5 056	4 973	3 531	5 436	5 561
Indonesia	1 467	1 554	1 629	1 565	1 710	1 643	1 810	1 306	1 741	1 275
Japan	26 532	26 875	26 972	24 194	22 959	21 749	22 661	21 813	21 716	21 729
Malaysia	2 008	1 788	1 809	1 252	1 864	1 895	1 996	1 849	1 945	1 977
New Zealand	131	177	182	173	161	170	167	102	56	56
Philippines	605	686	900	780	1 711	1 945	1 429	2 255	552	659
Singapore	2 268	2 725	2 390	2 598	2 335	1 967	1 828	1 378	1 906	1 571
South Korea	24 599	26 893	25 355	22 674	22 293	22 695	22 157	21 448	18 379	17 938
Taiwan, China	4 784	5 046	4 878	4 870	4 973	5 092	4 850	5 059	5 016	4 785
Thailand	3 687	4 235	4 751	4 906	5 121	4 968	5 480	5 674	6 346	4 485
Viet Nam	468	666	805	805	870	874	1 122	1 111	1 300	1 471
Asia and Oceania	131 764	147 375	144 630	136 779	137 580	139 399	140 396	145 452	150 808	157 756
Total 74 countries	285 380	323 831	324 135	319 093	324 540	322 414	329 764	341 475	354 582	358 888

Table 56

Indirect imports of steel

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	3 269	3 730	3 687	3 696	3 650	3 781	4 013	4 133	4 316	4 367
Belgium-Luxembourg	5 760	7 513	7 493	8 323	7 766	7 108	8 038	8 158	8 654	8 826
Bulgaria	452	519	570	607	629	654	661	728	805	803
Croatia	487	499	463	436	447	499	575	610	668	808
Cyprus	183	153	100	71	76	84	99	868	888	699
Czechia	2 876	3 605	3 466	3 446	3 935	4 352	4 474	4 805	5 575	5 206
Denmark	1 776	1 978	1 876	2 225	2 618	2 505	2 452	2 873	3 746	2 524
Estonia	237	335	420	443	331	315	333	421	435	439
Finland	1 012	1 200	1 224	1 061	1 142	1 184	1 279	1 383	1 481	1 529
France	11 513	13 329	11 779	11 213	11 165	12 107	12 392	12 725	12 459	13 756
Germany	20 477	22 453	21 231	20 923	21 791	21 851	23 537	25 032	25 920	25 675
Greece	766	571	480	391	563	568	658	666	770	784
Hungary	1 486	1 695	1 593	1 828	2 153	2 328	2 412	2 553	2 679	2 866
Ireland	800	747	716	758	802	921	994	977	1 024	1 170
Italy	9 003	8 879	6 676	6 327	6 747	7 506	8 318	8 916	9 018	8 528
Latvia	193	298	342	284	286	278	283	338	347	367
Lithuania	535	748	700	745	805	653	719	815	861	931
Malta	51	56	46	46	91	81	113	170	69	115
Netherlands	5 655	6 772	6 263	6 478	6 828	6 270	6 358	7 052	7 618	8 210
Poland	5 332	6 031	5 804	6 231	6 854	6 985	6 061	6 133	7 009	6 944
Portugal	1 428	1 202	1 106	1 157	1 311	1 410	1 540	1 704	1 904	1 977
Romania	1 579	1 785	1 793	1 810	1 907	2 082	2 210	2 416	2 800	2 809
Slovakia	2 347	2 489	2 767	3 365	3 621	3 424	3 001	3 004	3 193	3 120
Slovenia	635	661	614	629	684	731	982	848	1 048	1 005
Spain	6 929	6 311	5 562	6 774	6 641	7 306	7 292	7 679	7 837	8 532
Sweden	2 869	3 392	3 113	3 113	3 181	3 258	3 568	3 851	4 261	4 051
European Union (27)	87 650	96 950	89 884	92 378	96 023	98 240	102 362	108 859	115 385	116 043
Norway	2 792	2 342	2 346	2 612	2 266	2 552	2 586	2 402	1 929	1 971
Serbia and Montenegro	445	596	635	774	686	742	812	857	931	833
Switzerland	2 009	2 203	2 141	2 141	2 165	2 264	2 218	2 221	2 202	2 211
Türkiye	3 483	4 158	4 132	4 310	3 912	4 476	4 514	4 681	3 782	3 228
United Kingdom	9 453	9 955	9 687	10 484	11 369	11 853	12 167	11 990	12 253	11 928
Other Europe	18 181	19 254	18 941	20 321	20 398	21 888	22 296	22 151	21 098	20 171
Belarus	629	732	969	995	733	574	625	819	895	1 133
Kazakhstan	1 130	1 555	2 032	1 966	1 986	815	1 120	1 386	1 554	1 789
Russia	7 334	10 216	11 627	11 000	9 390	6 189	6 586	8 203	8 185	8 763
Ukraine	1 406	1 948	2 236	1 875	1 127	825	1 189	1 591	1 819	2 382
Russia & other CIS + Ukraine	10 499	14 451	16 863	15 836	13 236	8 403	9 520	11 999	12 453	14 067
Canada	10 712	12 217	12 854	12 853	12 246	11 398	11 826	11 060	11 357	11 554
Mexico	7 336	8 355	9 664	9 228	10 325	9 664	10 108	11 513	11 283	8 137
United States	30 005	35 341	38 297	39 088	39 132	42 694	44 314	44 246	48 060	49 001
North America	48 052	55 913	60 815	61 169	61 702	63 756	66 248	66 818	70 699	68 691
Argentina	1 727	2 159	1 784	1 913	1 484	1 537	1 638	2 138	1 903	1 332
Brazil	4 055	4 902	4 752	5 347	4 694	3 703	3 313	2 694	2 836	2 717
Chile	1 630	1 967	1 927	2 008	1 631	1 589	1 698	1 727	1 851	1 805
Colombia	1 026	1 442	1 469	1 294	1 398	1 220	1 109	1 043	1 067	1 158
Ecuador	509	561	563	592	586	474	355	505	575	451
Peru	898	1 026	1 205	1 181	1 091	1 069	1 081	1 052	1 049	1 152
Venezuela	553	583	1 170	792	681	530	334	175	77	84
South America	10 398	12 641	12 869	13 127	11 565	10 122	9 529	9 333	9 358	8 699

Table 56 (continued)

Indirect imports of steel

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Algeria	1 591	1 489	1 771	1 921	2 183	2 100	1 804	1 675	1 262	1 153
Angola	760	1 025	1 172	1 396	1 511	551	632	481	401	249
Cameroon	190	245	206	214	241	84	226	248	220	263
Egypt	1 927	1 183	966	1 050	1 341	1 160	1 048	945	1 156	1 702
Ethiopia	412	339	515	653	859	933	723	375	497	271
Ghana	475	726	880	624	637	736	788	800	757	786
Kenya	237	383	447	388	590	764	652	682	635	487
Morocco	782	798	886	879	856	857	1 189	1 117	994	1 247
Nigeria	1 156	1 507	1 460	1 647	1 661	897	731	447	822	1 650
South Africa	1 542	2 041	2 059	2 169	1 854	1 621	1 522	1 725	1 619	1 897
Tanzania	427	480	483	463	629	493	472	397	465	500
Africa	9 497	10 215	10 845	11 406	12 362	10 197	9 789	8 891	8 829	10 203
Iran	1 793	1 874	1 791	1 485	2 058	1 788	1 707	2 166	1 562	842
Saudi Arabia	2 501	3 307	3 833	5 829	5 708	6 130	4 343	3 778	3 531	4 073
United Arab Emirates	3 113	3 590	5 391	5 357	6 286	4 927	4 370	5 416	5 274	5 256
Middle East	7 406	8 772	11 015	12 671	14 052	12 844	10 420	11 360	10 368	10 170
Australia	4 223	5 203	6 223	6 057	5 656	5 827	5 691	5 480	5 367	5 460
China	11 874	13 635	12 797	12 577	12 329	9 856	10 579	11 800	11 500	9 404
India	3 471	3 423	4 606	5 900	4 423	4 643	5 856	4 265	8 611	5 444
Indonesia	4 102	4 855	5 367	4 744	4 627	4 301	4 634	6 071	5 661	4 134
Japan	5 932	6 541	7 054	7 067	7 386	7 135	7 422	7 731	7 843	7 879
Malaysia	2 924	2 203	2 437	2 285	2 385	2 415	2 710	3 034	2 979	2 553
New Zealand	519	634	714	817	976	985	1 035	996	988	926
Philippines	1 340	1 306	1 504	1 666	1 749	2 042	2 967	3 348	2 304	1 941
Singapore	2 579	3 371	3 800	3 099	2 704	2 453	2 356	1 631	2 080	2 284
South Korea	5 977	6 057	6 419	6 499	6 087	6 603	6 698	6 847	5 972	5 190
Taiwan, China	1 571	1 654	1 501	1 536	1 567	1 672	1 711	1 664	1 706	1 877
Thailand	2 486	3 024	3 826	3 721	3 303	3 319	3 367	3 583	4 228	3 170
Viet Nam	1 141	1 361	1 148	1 356	1 640	2 027	2 133	2 166	2 018	2 402
Asia and Oceania	48 139	53 268	57 396	57 323	54 834	53 279	57 158	58 617	61 256	52 664
Total 74 countries	239 822	271 464	278 627	284 231	284 173	278 728	287 322	298 028	309 445	300 709

Table 57

Indirect net exports of steel

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	-80	-156	-99	-90	10	-96	-252	-234	-306	-390
Belgium-Luxembourg	-289	-1 077	-221	-381	-200	-282	-394	-744	-640	-578
Bulgaria	-94	-31	-87	-130	-137	-145	-165	-173	-214	-176
Croatia	-57	-61	-43	-99	-71	-61	-133	-122	-178	-323
Cyprus	-169	-140	-84	-57	-60	-68	-91	-859	-878	-689
Czechia	2 190	2 473	2 683	2 840	2 717	2 647	2 810	2 975	2 392	2 814
Denmark	-294	-126	-192	-558	-775	-909	-844	-1 029	-1 622	-441
Estonia	97	10	-40	-57	5	17	-34	-32	-15	14
Finland	-12	-246	-220	110	-120	-182	-390	-272	-341	-249
France	-2 905	-3 885	-3 200	-3 271	-3 276	-3 546	-4 155	-4 289	-4 214	-5 124
Germany	6 362	7 952	8 879	9 727	10 271	10 350	9 453	10 718	11 234	7 225
Greece	-526	-280	-179	-212	-285	-293	-374	-387	-474	-490
Hungary	404	475	608	657	601	616	605	562	491	432
Ireland	-530	-388	-369	-415	-467	-576	-653	-598	-632	-763
Italy	3 044	4 207	6 125	6 496	6 234	5 728	5 217	5 381	5 128	4 813
Latvia	-3	-58	-112	-63	-40	-48	-43	-54	-22	-37
Lithuania	47	-30	24	5	-144	-145	-180	-127	-142	-131
Malta	-44	-49	-36	-37	-79	-70	-100	-149	-55	-105
Netherlands	-518	140	619	916	36	-677	-476	-826	-874	-1 077
Poland	1 468	1 811	2 406	2 411	2 250	2 416	2 643	2 884	2 673	2 921
Portugal	-111	258	612	563	407	280	141	147	102	48
Romania	33	67	53	224	212	86	164	139	-116	-204
Slovakia	-84	117	164	-160	-294	93	531	665	710	493
Slovenia	316	335	341	324	318	324	439	271	289	319
Spain	1 139	2 780	3 050	1 922	2 301	1 899	2 292	2 246	2 269	948
Sweden	-294	-421	-367	-447	-536	-554	-558	-691	-994	-835
European Union (27)	9 092	13 678	20 314	20 220	18 877	16 804	15 454	15 399	13 570	8 415
Norway	-1 675	-1 199	-1 675	-1 962	-1 482	-1 840	-1 639	-1 484	-1 512	-1 496
Serbia and Montenegro	-184	-312	-321	-297	-213	-243	-277	-290	-386	-294
Switzerland	-847	-969	-963	-957	-977	-1 076	-1 049	-923	-921	-990
Türkiye	1 247	1 023	1 339	1 521	2 326	1 852	1 954	2 611	3 986	5 418
United Kingdom	-3 806	-3 748	-3 690	-4 486	-5 521	-6 038	-6 184	-5 931	-5 994	-5 956
Other Europe	-5 265	-5 205	-5 311	-6 181	-5 867	-7 345	-7 194	-6 016	-4 827	-3 318
Belarus	294	410	298	149	337	294	391	308	240	66
Kazakhstan	-1 041	-1 344	-1 844	-1 784	-1 836	-751	-978	-1 246	-1 332	-1 454
Russia	-6 032	-9 049	-9 588	-8 944	-7 461	-3 963	-4 728	-6 161	-5 762	-6 264
Ukraine	539	205	197	-144	-109	-69	-401	-682	-961	-1 502
Russia & other CIS + Ukraine	-6 240	-9 779	-10 938	-10 722	-9 069	-4 490	-5 716	-7 781	-7 816	-9 153
Canada	-5 875	-6 572	-7 016	-7 687	-6 423	-5 714	-5 256	-5 086	-5 231	-5 229
Mexico	1 187	2 300	1 811	2 960	3 526	4 661	5 394	3 060	4 171	9 111
United States	-11 322	-12 404	-16 283	-17 773	-16 734	-22 758	-23 528	-24 428	-27 292	-28 136
North America	-16 011	-16 676	-21 488	-22 499	-19 630	-23 810	-23 389	-26 454	-28 352	-24 255
Argentina	-832	-1 146	-902	-1 023	-771	-1 012	-1 153	-1 574	-1 445	-910
Brazil	-1 407	-2 034	-1 940	-2 384	-2 330	-1 346	-648	152	-2	-357
Chile	-1 370	-1 630	-1 640	-1 678	-1 259	-1 257	-1 352	-1 363	-1 508	-1 519
Colombia	-878	-1 291	-1 298	-1 106	-1 234	-1 067	-957	-879	-900	-999
Ecuador	-437	-497	-472	-531	-535	-422	-308	-449	-525	-412
Peru	-818	-950	-1 099	-1 080	-991	-977	-977	-951	-940	-1 052
Venezuela	-534	-515	-1 147	-745	-665	-512	-330	-168	-71	-81
South America	-6 276	-8 062	-8 497	-8 547	-7 786	-6 594	-5 726	-5 233	-5 392	-5 331

Table 57 (continued)

Indirect net exports of steel

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Algeria	-1 588	-1 486	-1 756	-1 920	-2 182	-2 092	-1 800	-1 611	-1 254	-1 143
Angola	- 741	-1 015	-1 165	-1 392	-1 507	- 547	- 556	- 445	- 368	- 244
Cameroon	- 176	- 225	- 194	- 193	- 224	- 79	- 221	- 236	- 218	- 221
Egypt	-1 606	- 969	- 831	- 828	-1 099	-1 028	- 921	- 854	-1 055	-1 533
Ethiopia	- 405	- 336	- 510	- 650	- 851	- 926	- 717	- 375	- 482	- 268
Ghana	- 457	- 671	- 807	- 581	- 605	- 713	- 767	- 785	- 743	- 773
Kenya	- 192	- 366	- 428	- 346	- 572	- 709	- 598	- 630	- 587	- 439
Morocco	- 705	- 713	- 750	- 698	- 604	- 536	- 819	- 705	- 650	- 772
Nigeria	-1 149	-1 498	-1 453	-1 642	-1 650	- 842	- 727	- 443	- 712	-1 550
South Africa	- 304	- 616	- 623	- 398	- 60	- 103	171	- 88	44	- 107
Tanzania	- 405	- 452	- 451	- 441	- 600	- 483	- 463	- 388	- 441	- 485
Africa	-7 731	-8 345	-8 967	-9 088	-9 954	-8 058	-7 416	-6 561	-6 466	-7 535
Iran	-1 753	-1 836	-1 682	-1 427	-2 000	-1 733	-1 659	-2 107	-1 517	- 797
Saudi Arabia	-2 224	-3 205	-3 639	-5 100	-4 941	-5 411	-3 642	-2 833	-2 422	-3 730
United Arab Emirates	-1 660	-2 312	-1 519	-1 250	-2 009	-1 799	-1 507	-1 804	-1 193	-1 209
Middle East	-5 637	-7 352	-6 839	-7 776	-8 950	-8 943	-6 809	-6 744	-5 131	-5 736
Australia	-3 556	-4 450	-5 389	-5 191	-4 827	-4 937	-4 823	-4 998	-4 956	-5 000
China	50 136	57 825	56 634	54 662	55 129	60 599	60 475	67 646	74 503	86 383
India	- 931	1 094	87	-1 042	873	413	- 882	- 735	-3 175	117
Indonesia	-2 635	-3 301	-3 738	-3 179	-2 918	-2 659	-2 824	-4 765	-3 920	-2 858
Japan	20 599	20 333	19 918	17 127	15 573	14 614	15 239	14 082	13 873	13 850
Malaysia	- 916	- 415	- 628	-1 033	- 521	- 520	- 714	-1 186	-1 034	- 576
New Zealand	- 388	- 457	- 532	- 644	- 816	- 815	- 868	- 894	- 932	- 870
Philippines	- 734	- 620	- 604	- 886	- 38	- 96	-1 538	-1 094	-1 753	-1 282
Singapore	- 311	- 646	-1 410	- 501	- 369	- 486	- 528	- 253	- 174	- 713
South Korea	18 622	20 836	18 936	16 175	16 206	16 092	15 460	14 600	12 408	12 748
Taiwan, China	3 213	3 392	3 377	3 334	3 407	3 420	3 139	3 395	3 310	2 908
Thailand	1 200	1 211	924	1 185	1 818	1 649	2 113	2 091	2 118	1 316
Viet Nam	- 673	- 695	- 343	- 551	- 770	-1 153	-1 011	-1 055	- 717	- 931
Asia and Oceania	83 625	94 107	87 234	79 456	82 746	86 120	83 237	86 835	89 552	105 092
Total 74 countries	45 558	52 367	45 508	34 862	40 367	43 686	42 442	43 446	45 137	58 179

Table 58

True steel use

finished steel equivalent

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	3 590	4 050	3 757	3 655	3 595	4 001	4 088	4 329	4 491	4 370
Belgium-Luxembourg	4 736	5 506	3 297	3 654	3 780	4 078	4 096	4 209	5 141	3 990
Bulgaria	877	1 091	1 033	1 164	1 571	1 431	1 538	1 209	1 414	1 726
Croatia	792	720	667	741	706	738	871	880	893	1 116
Cyprus	510	371	245	187	167	211	245	1 106	1 214	1 015
Czechia	3 330	3 590	3 167	3 025	3 478	3 953	4 090	4 225	4 834	3 899
Denmark	1 346	1 552	1 618	1 974	2 195	2 369	2 390	2 508	3 116	1 869
Estonia	195	340	357	383	336	301	466	505	547	526
Finland	1 416	1 362	2 137	1 610	1 829	1 891	2 096	2 249	2 301	1 988
France	17 342	19 103	16 404	16 888	16 801	17 122	18 425	19 048	19 065	19 682
Germany	29 876	32 760	28 618	28 286	29 371	28 787	31 001	30 282	28 414	27 918
Greece	2 458	1 732	1 210	1 368	1 589	1 324	1 903	1 745	1 835	1 885
Hungary	1 373	1 413	1 098	1 206	1 485	1 727	1 933	2 096	2 289	2 329
Ireland	951	784	775	818	946	1 142	1 216	1 266	1 342	1 554
Italy	22 608	22 343	15 393	15 408	15 694	18 760	18 487	19 463	20 194	20 173
Latvia	372	643	313	278	361	322	382	298	472	349
Lithuania	308	470	436	516	733	709	849	801	884	903
Malta	100	82	68	68	118	113	142	184	111	168
Netherlands	4 036	3 941	3 407	2 826	3 427	4 173	4 498	4 808	5 413	5 692
Poland	8 484	9 210	8 000	7 986	10 028	10 163	10 505	10 717	12 222	10 712
Portugal	2 605	1 958	1 400	1 794	1 697	2 048	2 118	2 295	2 718	2 689
Romania	3 252	3 696	3 269	3 073	3 618	3 911	3 900	4 052	4 689	4 743
Slovakia	1 884	1 726	1 675	2 177	2 435	2 132	1 725	1 775	1 905	2 017
Slovenia	567	589	543	527	483	707	655	969	1 141	1 021
Spain	11 929	10 334	7 383	9 001	9 298	10 809	10 284	11 012	11 569	12 292
Sweden	3 935	4 314	3 869	4 037	3 925	3 928	4 431	4 817	5 058	4 635
European Union (27)	128 871	133 679	110 141	112 651	119 666	126 850	132 331	136 850	143 273	139 261
Norway	2 522	2 261	2 681	2 921	2 915	2 875	2 652	2 654	2 664	2 571
Serbia and Montenegro	749	1 029	899	777	850	1 085	1 261	1 484	1 788	1 845
Switzerland	3 305	3 605	3 662	3 738	3 750	3 661	3 851	3 722	3 807	3 687
Türkiye	22 320	25 908	27 129	29 780	28 447	32 529	32 123	33 508	26 672	20 660
United Kingdom	13 658	13 933	13 369	14 078	16 200	16 532	17 067	16 933	16 816	16 206
Other Europe	42 554	46 736	47 739	51 295	52 162	56 681	56 954	58 301	51 747	44 968
Belarus	2 284	2 084	2 314	2 448	1 817	1 407	1 302	1 685	1 807	2 020
Kazakhstan	3 146	3 571	4 625	5 274	4 593	3 435	3 293	3 875	3 831	4 075
Russia	42 777	50 540	52 382	52 254	50 607	43 787	43 477	46 850	47 084	49 781
Ukraine	4 940	6 127	5 951	5 713	4 341	3 379	4 646	5 242	5 632	6 156
Russia & other CIS + Ukraine	53 148	62 322	65 272	65 689	61 358	52 008	52 718	57 652	58 353	62 033
Canada	19 965	20 743	22 590	22 487	22 197	18 649	18 617	19 126	20 347	18 204
Mexico	16 573	17 504	19 101	17 614	19 946	20 219	20 093	22 742	21 123	15 315
United States	91 219	101 604	112 483	113 473	123 691	118 889	115 389	122 150	127 067	125 749
North America	127 758	139 851	154 174	153 574	165 834	157 756	154 098	164 018	168 538	159 268
Argentina	5 452	6 484	5 801	6 088	5 780	6 266	5 359	6 494	6 271	4 829
Brazil	28 076	28 128	28 513	30 402	27 936	22 641	19 168	19 372	21 209	21 334
Chile	3 753	4 368	4 647	4 379	3 896	4 054	3 959	4 122	4 213	4 338
Colombia	3 677	4 509	4 804	4 594	5 188	5 099	4 617	4 429	4 296	4 575
Ecuador	1 680	2 247	1 977	2 465	2 195	2 123	1 874	2 182	2 323	2 144
Peru	3 239	3 372	3 775	3 846	3 891	4 469	3 942	4 611	3 921	4 061
Venezuela	2 800	3 121	4 137	3 617	2 704	2 356	1 008	680	241	211
South America	48 676	52 229	53 653	55 391	51 591	47 009	39 928	41 889	42 475	41 492

Table 58 (continued)

True steel use

finished steel equivalent

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Algeria	4 651	5 273	6 400	7 561	8 354	8 082	7 488	7 424	6 681	6 725
Angola	1 373	1 801	2 297	2 503	2 681	1 466	1 040	887	839	777
Cameroon	336	380	427	424	493	348	462	428	435	424
Egypt	10 938	8 749	10 299	10 035	11 281	11 890	12 604	11 032	12 122	11 887
Ethiopia	715	793	1 204	1 452	1 686	1 964	1 735	1 082	1 152	1 194
Ghana	959	1 495	1 616	1 419	1 560	1 836	1 885	1 816	1 870	2 093
Kenya	1 000	1 582	1 647	1 922	2 173	2 684	2 384	2 307	2 339	3 818
Morocco	2 338	3 512	3 350	3 471	3 139	3 236	3 678	3 736	3 627	3 808
Nigeria	2 582	3 348	3 669	4 300	4 051	2 979	2 401	2 017	2 814	3 663
South Africa	5 305	5 948	5 889	6 087	5 177	5 397	4 799	5 273	5 024	4 860
Tanzania	736	893	954	1 259	1 294	1 242	1 133	1 046	1 296	1 554
Africa	30 933	33 774	37 752	40 434	41 890	41 123	39 608	37 048	38 200	40 803
Iran	21 443	22 956	20 655	21 225	21 880	21 453	20 764	22 064	21 075	19 286
Saudi Arabia	12 944	15 205	16 179	18 400	19 041	18 911	15 842	14 667	12 685	13 722
United Arab Emirates	8 288	9 145	8 562	8 070	9 158	8 935	9 340	9 735	9 305	9 375
Middle East	42 675	47 305	45 396	47 694	50 080	49 298	45 947	46 466	43 064	42 384
Australia	10 523	10 474	11 846	10 948	11 276	11 228	10 672	10 439	10 456	10 500
China	537 445	583 398	603 471	686 784	655 639	611 741	620 545	706 194	761 547	825 507
India	65 871	68 694	72 296	74 694	75 177	79 785	84 525	89 415	99 912	102 505
Indonesia	11 585	14 253	16 238	15 871	15 815	14 034	15 497	18 358	19 003	18 802
Japan	42 971	43 767	44 032	48 113	52 117	48 336	46 932	50 298	51 537	49 360
Malaysia	9 230	8 652	9 549	11 081	10 600	10 521	10 970	10 628	10 810	9 784
New Zealand	1 123	1 157	1 269	1 413	1 659	1 623	1 624	1 682	1 747	1 680
Philippines	4 733	5 728	6 612	7 591	7 363	8 856	11 215	10 913	12 479	11 341
Singapore	2 991	4 543	5 236	4 777	4 202	4 501	3 360	2 973	3 065	3 032
South Korea	33 768	35 555	35 133	35 587	39 315	39 708	41 616	41 713	41 302	40 478
Taiwan, China	14 577	14 704	14 400	15 237	16 151	14 107	15 138	14 258	14 477	14 707
Thailand	12 884	13 307	15 456	16 644	17 431	16 500	18 664	16 947	17 081	17 151
Viet Nam	11 245	10 392	11 299	12 320	15 211	19 407	23 339	22 692	23 029	25 244
Asia and Oceania	758 947	814 624	846 836	941 061	921 957	880 348	904 098	996 509	1 066 444	1 130 090
Total 74 countries	1 233 561	1 330 520	1 360 963	1 467 789	1 464 537	1 411 074	1 425 681	1 538 733	1 612 094	1 660 299

Note: true steel use (TSU) is obtained by subtracting net indirect exports of steel from apparent steel use (ASU).

Table 59

True steel use per capita

kg finished steel equivalent

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	429	483	446	431	421	463	468	492	508	492
Belgium-Luxembourg	416	480	285	314	322	345	344	351	426	329
Bulgaria	115	145	138	157	213	196	212	168	199	245
Croatia	181	166	154	172	165	173	206	210	215	270
Cyprus	452	324	212	160	142	178	204	915	996	826
Czechia	318	342	301	288	331	376	388	401	459	370
Denmark	242	278	289	351	388	417	419	437	540	322
Estonia	146	256	270	291	255	229	354	383	414	397
Finland	264	253	395	296	335	345	381	408	417	360
France	278	304	260	267	264	268	288	297	297	306
Germany	367	402	351	346	359	351	377	367	343	336
Greece	223	157	110	125	146	123	177	163	173	178
Hungary	137	142	111	122	150	175	197	214	234	238
Ireland	210	173	170	178	205	245	258	265	278	317
Italy	378	372	256	255	260	311	308	324	337	338
Latvia	177	310	152	137	179	162	193	152	244	182
Lithuania	98	152	142	170	245	239	289	276	307	317
Malta	238	194	159	154	265	248	303	383	226	334
Netherlands	243	236	203	168	202	245	263	279	313	328
Poland	220	238	207	207	260	264	273	278	317	278
Portugal	246	185	133	171	163	198	205	223	264	261
Romania	160	183	162	153	181	196	197	206	239	243
Slovakia	349	319	310	402	449	393	318	326	350	370
Slovenia	276	285	263	254	233	340	313	462	542	483
Spain	256	221	158	193	200	233	221	236	247	261
Sweden	419	456	405	418	403	399	445	479	498	451
European Union (27)	293	303	249	255	271	287	299	308	322	313
Norway	516	456	534	575	567	554	507	503	501	481
Serbia and Montenegro	90	125	109	95	104	133	155	183	222	230
Switzerland	422	456	458	462	458	442	460	440	447	430
Türkiye	305	349	360	389	364	408	396	408	322	247
United Kingdom	218	220	210	219	250	253	260	256	253	243
Other Europe	271	295	298	316	317	340	338	343	302	261
Belarus	235	215	239	253	187	145	134	174	186	209
Kazakhstan	189	212	270	304	261	193	182	212	207	217
Russia	299	353	365	363	351	303	300	322	323	342
Ukraine	108	135	131	126	96	75	104	117	127	139
Russia & other CIS + Ukraine	247	289	302	304	283	239	242	264	267	284
Canada	588	604	651	641	627	522	516	523	549	485
Mexico	147	153	165	150	168	168	165	185	170	122
United States	293	324	355	355	384	366	353	370	383	376
North America	279	302	330	326	348	328	318	335	342	321
Argentina	133	156	138	144	135	145	123	147	141	108
Brazil	143	142	143	151	137	110	93	93	101	101
Chile	221	254	268	250	220	227	219	224	225	228
Colombia	82	100	105	99	111	108	97	92	87	91
Ecuador	112	147	128	157	138	131	114	131	137	124
Peru	111	114	127	128	128	146	127	146	122	124
Venezuela	98	107	140	121	90	77	33	22	8	7
South America	131	139	141	144	133	120	101	105	106	102

Table 59 (continued)

True steel use per capita

kg finished steel equivalent

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Algeria	130	144	172	199	216	204	186	180	159	157
Angola	59	74	91	96	99	52	36	29	27	24
Cameroon	17	19	20	20	22	15	20	18	17	16
Egypt	125	98	113	107	118	122	126	108	117	113
Ethiopia	8	9	13	15	17	19	16	10	10	10
Ghana	37	57	60	52	55	64	64	60	61	66
Kenya	24	37	38	43	47	57	50	47	47	75
Morocco	72	107	100	103	92	93	105	105	101	105
Nigeria	16	20	22	25	23	16	13	10	14	18
South Africa	102	113	111	113	95	97	85	93	88	84
Tanzania	16	19	20	26	25	24	21	19	22	26
Africa	50	54	59	61	62	59	56	51	51	54
Iran	284	301	267	271	274	262	249	261	246	223
Saudi Arabia	440	504	525	584	593	577	474	429	362	383
United Arab Emirates	977	1 066	988	922	1 036	1 002	1 038	1 074	1 018	1 018
Middle East	377	411	389	402	414	399	365	364	332	322
Australia	478	468	521	474	480	471	441	425	419	414
China	399	430	442	499	473	439	443	501	537	581
India	53	55	57	58	58	60	63	66	73	74
Indonesia	47	58	65	63	62	54	59	69	71	70
Japan	335	342	344	377	409	380	370	397	408	392
Malaysia	321	296	322	368	346	339	348	332	334	298
New Zealand	258	264	288	318	367	354	348	354	361	339
Philippines	50	59	67	76	73	86	107	102	115	103
Singapore	579	860	973	872	754	797	588	516	527	517
South Korea	692	723	708	710	778	779	811	810	799	781
Taiwan, China	632	635	620	653	690	600	642	602	610	619
Thailand	189	194	223	239	249	235	264	239	240	241
Viet Nam	129	118	127	136	167	211	251	241	243	264
Asia and Oceania	227	241	248	273	265	251	255	279	296	312
Total 74 countries	216	230	233	249	246	234	234	250	260	266

Annex

Sources

National steel associations have been used where possible and details of such are given below. When not available, statistics were taken from a variety of other sources. Particularly acknowledged are the contributions from:

- Asociación Latinoamericana del Acero (Alacero)
- ISSB Ltd – Iron and Steel Statistics Bureau
- South East Asia Iron and Steel Institute (SEAISI)
- The European Steel Association (EUROFER)

Other sources used include:

- Arab Iron and Steel Union (AISU)
- ArcelorMittal: Algeria, Bosnia-Herzegovina, Canada, Luxembourg, Morocco, Trinidad and Tobago
- Association for Iron & Steel Technology (AIST)
- EZZ Steel: Middle East and North Africa (MENA)
- MIDREX
- RMG Consulting
- United Nations Statistics Division
- United Nations Trust Fund Project on Iron Ore Information/UNCTAD
- Wirtschaftsvereinigung Stahlrohre e.V. (German Steel Tube Association)

Country	Source
Argentina	Acero Argentino
Australia	BlueScope, Liberty Steel Australia - InfraBuild
Austria	voestalpine AG
Azerbaijan	Baku Steel Company
Belgium	Groupement de la Sidérurgie ASBL/Staalindustrie Verbond VZW (GSV)
Brazil	Instituto Aço Brasil (Brazil Steel Institute)
Bulgaria	Bulgarian Association of the Metallurgical Industry
Belarus	National Statistical Committee of the Republic of Belarus
Bosnia-Herzegovina	Agency for Statistics of Bosnia and Herzegovina, ArcelorMittal

Country	Source
Canada	Canadian Steel Producers Association, Statistics Canada
China	China Iron and Steel Association (CISA)
Croatia	Central Bureau of Statistics
Czechia and Slovakia	Ocelářská unie a.s. (Czech Steel Union)
Egypt	EZZ Steel
Finland	Finnish Steel and Metal Producers
France	A3M: Alliance des Minerais, Minéraux et Métaux
Germany	German Steel Federation (Wirtschaftsvereinigung Stahl)
Hungary	Association of the Hungarian Steel Industry (MVAE)
India	Joint Plant Committee (JPC), Indian Steel Association (ISA)
Iran	IMIDRO, The Iranian Steel producers Association (ISPA)
Italy	Federacciai
Japan	The Japan Iron and Steel Federation (JISF)
Kazakhstan	Kazakhstan Bureau of National Statistics
Libya	Libya Iron and Steel Company (LISCO)
Macedonia	Duferco
Mexico	CANACERO
Netherlands	Tata Steel Europe
New Zealand	BlueScope
Norway	CELSA Group, ERAMET
Pakistan	Pakistan Bureau of Statistics
Poland	Hutnicza Izba Przemysłowo-Handlowa HIPH (Polish Steel Association)
Qatar	Qatar Steel Company
Romania	Romanian Union for the Steel Industry, Liberty Speciality Steel (GFG Alliance)
Russia	EVRAZ, Metalloinvest Management Company LLC, Novolipetsk Steel (NLMK Group), Russian Steel Association, Severstal (PAO), The Federal State Statistics Service (Rosstat)

Country	Source
Saudi Arabia	National Committee for Steel Industry (NCSI), SABIC-Saudi Basic Industries Corporation (HADEED)
Serbia	Steel Industry Association
Slovenia	SIJ (Slovenian Steel Group)
South Africa	South African Iron and Steel Institute (SAISI)
South Korea	Korea Iron and Steel Association (KOSA), POSCO Research Institute (POSRI)
Spain	Unión de Empresas Siderúrgicas (UNESID)
Sweden	Jernkontoret
Switzerland	State Secretariat for Economic Affairs SECO
Taiwan, China	China Steel Corporation (CSC)
Thailand	Iron and Steel Institute of Thailand (ISIT)
Türkiye	Turkish Steel Producers' Association (TISPA)
Ukraine	Association of Enterprises UKRMETALURGPROM, Metinvest Holding
United Arab Emirates	Emirates Steel Industries Company
United Kingdom	ISSB Ltd – Iron and Steel Statistics Bureau
United States	American Iron and Steel Institute (AISI)
Viet Nam	Vietnam Steel Association

Definitions

Crude steel is defined as steel in its first solid (or usable) form: ingots, semi-finished products (billets, blooms, slabs), and liquid steel for castings. This is not to be confused with liquid steel, which is steel poured.

Hot rolled (hr) products (hr long products, hr flat products, seamless tubes) are products of first transformation. These products may be further worked to produce cold rolled-, coated-, and tubular products (except seamless tubes).

For further definitions of traded products please consult chapters 72 and 73 of the Harmonised System (HS).

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