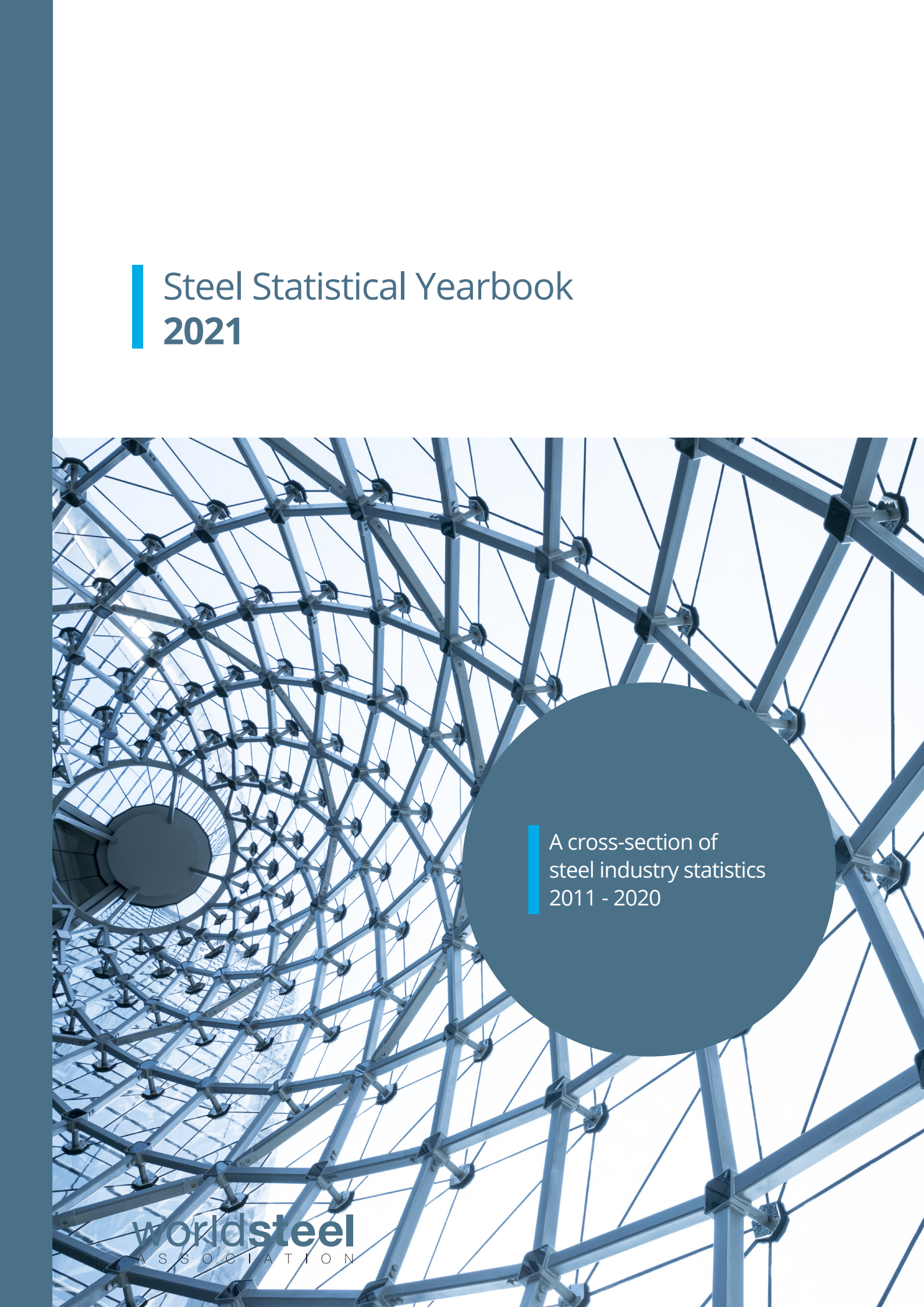




Steel Statistical Yearbook 2021

A cross-section of
steel industry statistics
2011 - 2020

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 November 2021.

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 that has been estimated by worldsteel.

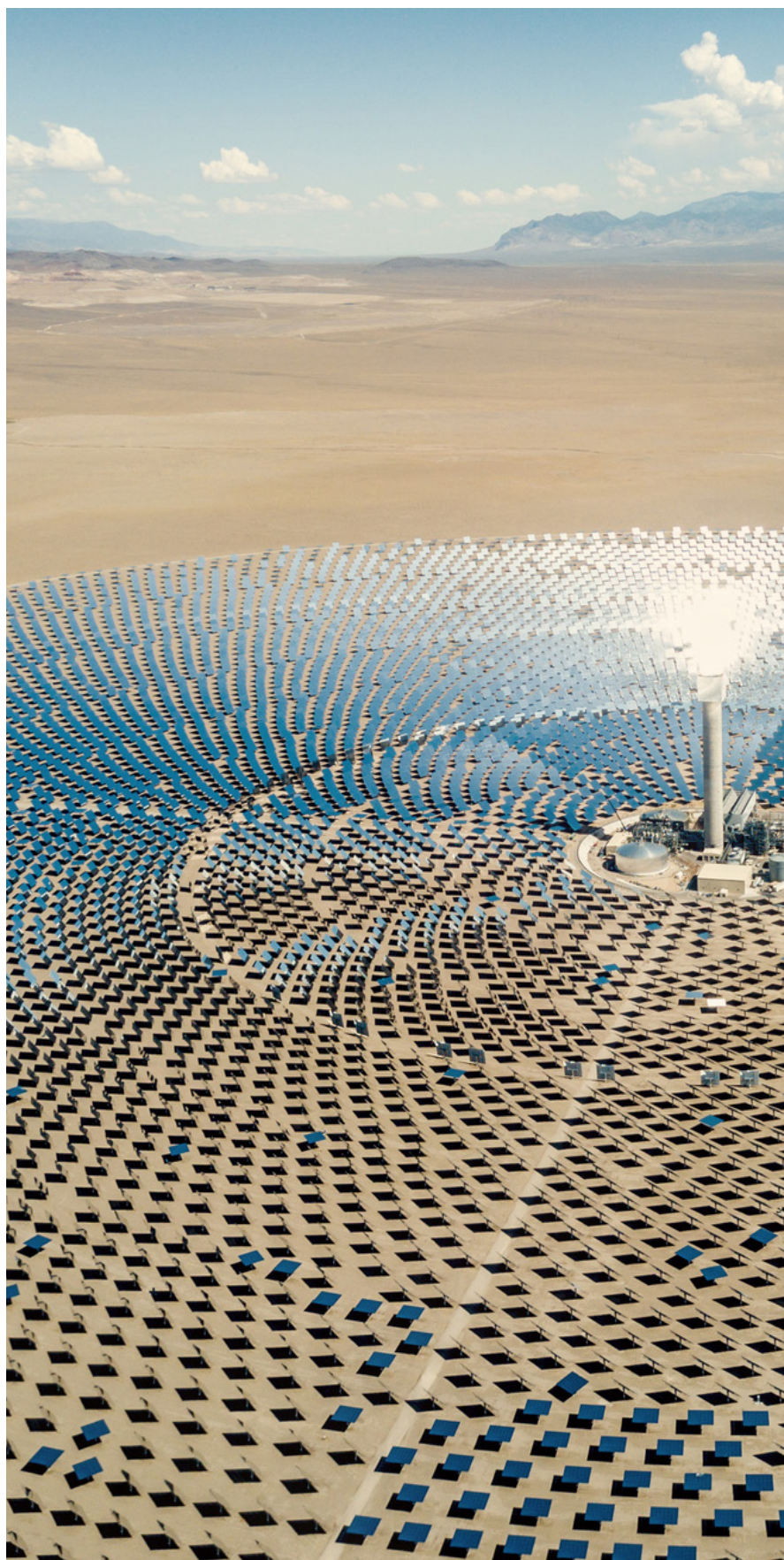
'(e)' following a country name indicates that the series has been estimated by worldsteel.

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.

All information in this document is accurate at the time of publication. However, all data is subject to revision. In case of any apparent discrepancy between worldsteel sources, the data in the Steel Data Viewer should be considered authoritative.

**World Steel Association
Economics Committee**



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Table 1

Total Production of Crude Steel *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	7 474	7 421	7 953	7 876	7 687	7 438	8 135	6 885	7 424	6 765
Belgium	8 026	7 301	7 127	7 331	7 257	7 687	7 842	7 980	7 760	6 119
Bulgaria	835	633	523	612	543	527	652	666	566	484
Croatia	96	1	135	167	122	0	0	136	69	45
Czechia	5 583	5 072	5 171	5 360	5 262	5 305	4 550	4 864	4 437	4 465
Germany	44 284	42 661	42 645	42 943	42 676	42 080	43 297	42 435	39 627	35 680
Finland	3 989	3 759	3 517	3 807	3 988	4 101	4 003	4 146	3 473	3 498
France	15 780	15 609	15 685	16 143	14 984	14 413	15 505	15 387	14 450	11 596
Greece	1 934	1 247	1 030	1 022	910	1 158	1 359	1 467	1 350	1 408
Hungary	1 746	1 542	883	1 152	1 675	1 274	1 901	1 989	1 769	1 513
Italy	28 735	27 252	24 093	23 714	21 958	23 312	24 007	24 496	23 190	20 379
Latvia	568	805	198							
Luxembourg	2 521	2 208	2 090	2 193	2 127	2 175	2 172	2 228	2 119	1 886
Netherlands	6 937	6 879	6 713	6 964	6 995	6 917	6 781	6 813	6 657	6 054
Poland	8 779	8 366	7 950	8 558	9 198	9 001	10 332	10 167	8 956	7 856
Portugal	1 942	1 960	2 050	2 070	2 030	2 010	2 076	2 215	2 033	2 203
Romania	3 828	3 292	2 985	3 158	3 352	3 276	3 361	3 550	3 448	2 790
Slovakia	4 236	4 403	4 511	4 705	4 562	4 808	4 974	4 947	3 931	3 444 e
Slovenia	648	632	618	615	604	613	648	654	623	585
Spain	15 504	13 639	14 252	14 249	14 845	13 616	14 441	14 320	13 588	10 998
Sweden	4 867	4 326	4 404	4 539	4 557	4 817	4 926	4 654	4 721	4 409
United Kingdom	9 478	9 579	11 858	12 033	10 907	7 635	7 491	7 268	7 218	7 086
European Union (28)	177 791	168 589	166 390	169 215	166 238	162 164	168 455	167 266	157 409	139 262
Albania (e)	464	500	550	560	150	50				
Bosnia-Herzegovina	649	700	722	793	819	806	756	695	801	759
Macedonia	386	217	100	188	121	169	273	266	239	180
Montenegro (e)	140	120	70	140	150	120	100	80	50	20 e
Norway	610	700	605	600	590	620	603	575	621	624
Serbia	1 324	346	396	583	955	1 173	1 477	1 973	1 929	1 456
Switzerland	1 400	1 450	1 530	1 475	1 475	1 500	1 525	1 550	1 325	1 175 e
Turkey	34 107	35 885	34 654	34 035	31 517	33 163	37 524	37 312	33 743	35 810
Other Europe	39 079	39 917	38 627	38 374	35 778	37 601	42 258	42 451	38 708	40 024
Azerbaijan (e)	120	120	173	180	180	180	180	200	200	200 e
Belarus	2 614	2 687	2 245	2 513	2 510	2 188	2 343	2 471	2 621	2 482
Kazakhstan	4 699	3 676	3 275	3 681	3 910	4 289	4 641	3 966	4 134	3 892
Moldova	313	335	190	351	443	126	469	497	392	465
Russia	68 852	70 209	69 008	71 461	68 695	69 014	70 537	72 099	71 729	71 621
Ukraine	35 332	32 975	32 771	27 170	22 968	24 218	21 417	21 100	20 848	20 616
Uzbekistan	733	736	746	723	643	654	654	646	666	939
C.I.S.	112 663	110 739	108 408	106 079	99 349	100 669	100 241	100 980	100 591	100 216
Canada	12 891	13 507	12 417	12 730	12 473	12 646	13 208	13 443	12 897	10 986
Cuba	282	277	322	256	284	244	221	225	230	185
El Salvador	97	72	118	121	124	100	96	99	102	82
Guatemala	294	334	385	395	403	314	294	300	306	243
Mexico	18 110	18 073	18 242	18 930	18 218	18 824	19 924	20 204	18 387	16 803
Trinidad and Tobago	603	628	616	487	591	36				
United States	86 398	88 695	86 878	88 174	78 845	78 475	81 612	86 607	87 761	72 732
North America	118 675	121 586	118 978	121 093	110 938	110 638	115 355	120 879	119 683	101 030

Table 1
(continued)

Total Production of Crude Steel *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Argentina	5 611	4 995	5 186	5 488	5 028	4 126	4 624	5 162	4 645	3 651
Brazil	35 220	34 524	34 162	33 897	33 258	31 642	34 778	35 407	32 569	31 415
Chile	1 615	1 671	1 323	1 079	1 112	1 153	1 158	1 145	1 133	1 157
Colombia	1 287	1 302	1 236	1 208	1 211	1 272	1 253	1 219	1 333	1 149
Ecuador	463	425	570	667	720	576	561	583	607	482
Paraguay	30	44	45	47	48	35	24	25	26	23
Peru	877	981	1 069	1 078	1 082	1 168	1 207	1 217	1 230	731
Uruguay	81	78	91	94	97	61	58	60	62	49
Venezuela	2 980	2 359	2 139	1 485	1 345	553	444	129	51	29
South America	48 165	46 379	45 822	45 043	43 900	40 587	44 106	44 947	41 656	38 687
Algeria	551	557	417	415	650	650	415	2 300	2 400	4 000 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 485	6 627	6 754	6 485	5 506	5 036	6 870	7 807	7 257	8 229
Ghana (e)	50	100	150	200	200	200	250	250	250	250 e
Kenya (e)	20	20	20	20	20	20	20	20	20	20 e
Libya	100	315	712	712	352	492	422	396	606	495
Mauritania (e)	5	5	5	5	5	5	5	5	5	5 e
Morocco	654	539	558	501	516	520	550	520	500	320
Nigeria (e)	100	100	100	100	100	100	100	100	100	100 e
South Africa	7 546	6 938	7 162	6 412	6 417	6 141	6 301	6 327	6 152	3 877
Tunisia	150	150	150	150	50	50	50	50	50	50 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Africa	15 721	15 412	16 088	15 060	13 876	13 274	15 043	17 835	17 400	17 405
Bahrain (e)								720	700	700 e
Iran	13 197	14 463	15 422	16 331	16 146	17 895	21 236	24 520	25 609	28 990
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	150	200	200	250	300	330	330	350	350	350 e
Kuwait (e)								1 300	1 270	1 300 e
Oman (e)	200	300	500	1 500	2 000	2 000	2 000	2 000	2 000	2 000 e
Qatar	2 038	2 145	2 236	3 019	2 593	2 521	2 644	2 575	2 558	1 218
Saudi Arabia (1)	5 275	5 203	5 471	6 291	5 229	5 461	4 831	8 187	8 191	7 775
Syria (e)	70	10	10	5	5	5	5	5	5	5 e
United Arab Emirates	2 000	2 408	2 878	2 390	3 006	3 149	3 309	3 247	3 327	2 722
Middle East	23 230	25 029	27 017	30 086	29 579	31 660	34 655	43 204	44 310	45 360
Bangladesh (e)	1 900	1 900	1 900	2 800	3 500	3 500	3 500	3 800	5 100	5 500 e
China	701 968	731 040	822 000	822 306	803 825	807 609	870 741	929 038	995 419	1 064 767
India	73 471	77 264	81 299	87 292	89 026	95 477	101 455	109 272	111 351	100 256
Indonesia	3 621	2 254	2 644	4 351	4 854	4 746	5 195	6 183	8 565	12 871
Japan	107 601	107 232	110 595	110 666	105 134	104 775	104 661	104 319	99 284	83 186
D.P.R. Korea (e)	1 300	1 280	1 250	1 250	1 250	1 250	1 250	1 250	1 250	1 250 e
South Korea	68 519	69 073	66 061	71 543	69 670	68 576	71 030	72 464	71 412	67 079
Malaysia	5 941	5 612	4 693	4 316	3 784	2 764	3 215	4 108	6 948	6 619
Mongolia (e)	35	35	40	45	45	50	50	50	50	50 e
Myanmar (e)	50	50	70	100	150	200	250	300	350	350 e
Pakistan (e)	1 592	1 631	1 845	2 423	2 892	3 553	4 966	4 719	3 304	3 803
Philippines	1 200	1 260	1 308	1 196	968	1 075	1 378	1 475	1 915	892
Singapore	752	688	434	540	501	520	596	618	766	406
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	20 178	20 664	22 282	23 221	21 392	21 751	22 438	23 240	21 954	20 959
Thailand	4 256	3 641	3 613	5 835	5 069	5 400	6 762	6 403	4 246	4 467
Vietnam	4 900	5 298	5 474	5 847	5 647	7 811	11 473	15 471	17 469	19 900
Asia	997 315	1 028 952	1 125 537	1 143 762	1 117 739	1 129 087	1 208 988	1 282 741	1 349 414	1 392 385
Australia	6 404	4 893	4 688	4 607	4 925	5 259	5 328	5 689	5 493	5 490
New Zealand	844	912	900	859	793	577	657	652	667	586
Oceania	7 248	5 805	5 588	5 466	5 717	5 837	5 985	6 341	6 160	6 076
World	1 539 886	1 562 407	1 652 454	1 674 178	1 623 113	1 631 516	1 735 087	1 826 644	1 875 330	1 880 445

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

(1) - 2010-17 HADEED only. 2018- national total.

Table 2
(continued)

Crude Steel Production by Product *

Year: 2019

	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
Austria	287	7 131	6	7 424	3.9	96.1	0.1	100.0
Belgium		7 760		7 760		100.0		100.0
Bulgaria		566		566		100.0		100.0
Croatia		69		69		100.0		100.0
Czechia	142	4 285	10	4 437	3.2	96.6	0.2	100.0
Germany	1 850	37 770	5	39 625	4.7	95.3	0.0	100.0
Finland		3 456	17	3 473		99.5	0.5	100.0
France	406	14 043	0	14 450	2.8	97.2	0.0	100.0
Greece		1 350		1 350		100.0		100.0
Hungary		1 769		1 769		100.0		100.0
Italy	1 087	22 017	86	23 190	4.7	94.9	0.4	100.0
Luxembourg		2 119		2 119		100.0		100.0
Netherlands		6 657		6 657		100.0		100.0
Poland	127	8 787		8 914	1.4	98.6		100.0
Portugal		2 033		2 033		100.0		100.0
Romania (e)	80	3 370		3 450	2.3	97.7		100.0
Slovakia (e)		3 931		3 931		100.0		100.0
Slovenia	125	500		625	20.0	80.0		100.0
Spain	229	13 358		13 588	1.7	98.3		100.0
Sweden (1)	560	4 140	22	4 722	11.9	87.7	0.5	100.0
United Kingdom	105	7 111	3	7 218	1.5	98.5	0.0	100.0
European Union (28)	4 999	152 222	149	157 370	3.2	96.7	0.1	100.0
Bosnia-Herzegovina		801		801		100.0		100.0
Macedonia		239		239		100.0		100.0
Montenegro (e)		50		50		100.0		100.0
Norway		621		621		100.0		100.0
Serbia		1 929		1 929		100.0		100.0
Switzerland (e)		1 325		1 325		100.0		100.0
Turkey		33 743		33 743		100.0		100.0
Other Europe		38 708		38 708		100.0		100.0
Azerbaijan (e)		200		200		100.0		100.0
Byelorussia		2 621		2 621		100.0		100.0
Kazakhstan		4 074	60	4 134		98.5	1.5	100.0
Moldova		392		392		100.0		100.0
Russia (e)	11 100	59 200	1 400	71 700	15.5	82.6	2.0	100.0
Ukraine (e)	9 239	11 609		20 848	44.3	55.7		100.0
Uzbekistan		666		666		100.0		100.0
C.I.S.	20 339	78 762	1 460	100 562	20.2	78.3	1.5	100.0
Canada (e)	2 820	10 080		12 900	21.9	78.1		100.0
Cuba		230		230		100.0		100.0
El Salvador		102		102		100.0		100.0
Guatemala		306		306		100.0		100.0
Mexico		18 387		18 387		100.0		100.0
United States	220	87 542		87 761	0.3	99.7		100.0
North America	3 040	116 646		119 686	2.5	97.5		100.0

I - ingots.

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

LSC - liquid steel for castings.

(1) - CC includes Steel Powders.

Table 2 (continued)	Crude Steel Production by Product *				Year: 2019			
	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
Argentina		4 631	14	4 645		99.7	0.3	100.0
Brazil	598	31 917	54	32 569	1.8	98.0	0.2	100.0
Chile		1 133		1 133		100.0		100.0
Colombia		1 333		1 333		100.0		100.0
Ecuador		607		607		100.0		100.0
Paraguay		26		26		100.0		100.0
Peru		1 230		1 230		100.0		100.0
Uruguay		62		62		100.0		100.0
Venezuela		51		51		100.0		100.0
South America	598	40 990	68	41 656	1.4	98.4	0.2	100.0
Algeria (e)		2 400		2 400		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt		7 257		7 257		100.0		100.0
Ghana (e)		250		250		100.0		100.0
Kenya (e)		20		20		100.0		100.0
Libya		606		606		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco		500		500		100.0		100.0
Nigeria (e)		100		100		100.0		100.0
South Africa	76	6 076		6 152	1.2	98.8		100.0
Tunisia (e)		50		50		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Africa	76	17 319	5	17 400	0.4	99.5	0.0	100.0
Bahrain (e)		700		700		100.0		100.0
Iran		25 609		25 609		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		350		350		100.0		100.0
Kuwait (e)		1 270		1 270		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		2 558		2 558		100.0		100.0
Saudi Arabia		8 191		8 191		100.0		100.0
Syria (e)			5	5			100.0	100.0
United Arab Emirates		3 327		3 327		100.0		100.0
Middle East		44 305	5	44 310		100.0	0.0	100.0
Bangladesh (e)		5 100		5 100		100.0		100.0
China (e)	13 900	980 419	1 100	995 419	1.4	98.5	0.1	100.0
India (e)	14 250	96 950	45	111 245	12.8	87.1	0.0	100.0
Indonesia		8 565		8 565		100.0		100.0
Japan (e)	1 240	97 700	343	99 283	1.2	98.4	0.3	100.0
South Korea	782	70 393	237	71 412	1.1	98.6	0.3	100.0
Malaysia		6 948		6 948		100.0		100.0
Mongolia (e)		50		50		100.0		100.0
Myanmar (e)		350		350		100.0		100.0
Pakistan		3 304		3 304		100.0		100.0
Philippines		1 915		1 915		100.0		100.0
Singapore		766		766		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China	100	21 854		21 954	0.5	99.5		100.0
Thailand		4 246		4 246		100.0		100.0
Vietnam		17 469		17 469		100.0		100.0
Asia	30 272	1 316 060	1 726	1 348 057	2.2	97.6	0.1	100.0
Australia		5 493		5 493		100.0		100.0
New Zealand		667		667		100.0		100.0
Oceania		6 160		6 160		100.0		100.0
World **	59 323	1 811 172	3 412	1 873 908	3.2	96.7	0.2	100.0

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

** - Approximately 99.9% of total world production in 2019.

	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
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
Germany	1 365	34 290	5	35 660	3.8	96.2	0.0	100.0
Finland		3 480	18	3 498		99.5	0.5	100.0
France	340	11 260		11 600	2.9	97.1		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	100	7 750		7 850	1.3	98.7		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 (e)		3 444		3 444		100.0		100.0
Slovenia	115	470		585	19.7	80.3		100.0
Spain	200	10 800		11 000	1.8	98.2		100.0
Sweden (1)	525	3 860	25	4 410	11.9	87.5	0.6	100.0
United Kingdom	62	7 022	2	7 086	0.9	99.1	0.0	100.0
European Union (28)	4 141	134 925	171	139 238	3.0	96.9	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
Turkey		35 810		35 810		100.0		100.0
Other Europe		40 024		40 024		100.0		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 (e)	6 969	13 648		20 616	33.8	66.2		100.0
Uzbekistan		939		939		100.0		100.0
C.I.S.	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

I - ingots.

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

LSC - liquid steel for castings.

(1) - CC includes Steel Powders.

	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
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
Algeria (e)		4 000		4 000		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)		250		250		100.0		100.0
Kenya (e)		20		20		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)		100		100		100.0		100.0
South Africa		3 877		3 877		100.0		100.0
Tunisia (e)		50		50		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Africa		17 400	5	17 405		100.0	0.0	100.0
Bahrain (e)		700		700		100.0		100.0
Iran		29 020		29 020		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		45 385	5	45 390		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
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		406		406		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
Vietnam		19 900		19 900		100.0		100.0
Asia	28 725	1 360 544	1 754	1 391 023	2.1	97.8	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 **	54 070	1 821 494	3 449	1 879 013	2.9	96.9	0.2	100.0

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

** - Approximately 99.9% of total world production in 2020.

Table 3

Production of Ingots *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	306	274	275	282	246	243	294	287	287	260
Bulgaria		6								
Czechia	476	389	395	393	403	341	283	215	142	118
Germany	1 633	1 408	1 329	1 378	1 273	1 972	2 000	1 230	1 850	1 365
France	743	615	577	621	548	443	462	462	406	340
Italy	1 229	1 116	1 043	1 220	1 118	1 079	1 201	1 201	1 087	992
Netherlands	172	141	132	125	107	93				
Poland	208	172	167	160	160	150	154	155	127	100
Romania	137	90	85	60	70	75	80	85	80	65 e
Slovenia	118	110	109	122	120	120	128	125	125	115
Spain	402	394	319	308	266	240	240	237	229	200
Sweden	600	516	515	537	499	475	565	548	560	525
United Kingdom	194	179	149	162	143	98	132	125	105	62
European Union (28)	6 218	5 409	5 095	5 369	4 954	5 329	5 538	4 671	4 999	4 141
Bosnia-Herzegovina	16	7	0							
Other Europe	16	7	0							
Belarus	10									
Russia	11 650	11 920	11 500	11 500	11 500	11 050	11 500	11 500	11 100	11 100 e
Ukraine	16 200	15 120	15 661	12 421	11 762	12 500	10 626	9 703	9 239	6 969
Uzbekistan	5	6								
C.I.S.	27 865	27 046	27 161	23 921	23 262	23 550	22 126	21 203	20 339	18 069
Canada	193	376	362	249	294	2 755	2 880	2 940	2 820	2 400 e
Mexico	18	26	47	24	22	25				
United States	1 942	1 227	1 081	1 306	775	463	295	1 580	220	173
North America	2 153	1 629	1 489	1 578	1 091	3 242	3 175	4 520	3 040	2 573
Brazil	1 132	916	711	485	317	369	514	518	598	561
Colombia	302	345	323							
South America	1 434	1 261	1 034	485	317	369	514	518	598	561
Algeria	5	7	5							
South Africa	46	38	23	32	37				76	
Africa	51	45	28	32	37				76	
China (1)	10 573	10 288	12 542	10 900	9 900	9 000	10 000	13 000	13 900	14 200 e
India	16 550	15 240	15 000	15 000	14 000	13 450	14 000	14 000	14 250	12 880 e
Japan (e:2014-)	1 655	1 438	1 306	1 330	1 265	1 235	1 240	1 210	1 240	1 050 e
South Korea	1 074	909	769	868	748	693	682	766	782	595
Taiwan, China	97	87	94	104	89	93	98	93	100	
Asia	29 949	27 962	29 710	28 202	26 002	24 472	26 019	29 069	30 272	28 725
Australia	55	61	61	26	25	26				
Oceania	55	61	61	26	25	26				
World	67 740	63 419	64 578	59 611	55 689	56 988	57 372	59 980	59 323	54 070

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

Table 3
(continued)

	Production of Ingots *									
	% total crude steel production									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	4.1	3.7	3.5	3.6	3.2	3.3	3.6	4.2	3.9	3.8
Bulgaria		0.9								
Czechia	8.5	7.7	7.6	7.3	7.7	6.4	6.2	4.4	3.2	2.7
Germany	3.7	3.3	3.1	3.2	3.0	4.7	4.6	2.9	4.7	3.8
France	4.7	3.9	3.7	3.8	3.7	3.1	3.0	3.0	2.8	2.9
Italy	4.3	4.1	4.3	5.1	5.1	4.6	5.0	4.9	4.7	4.9
Netherlands	2.5	2.0	2.0	1.8	1.5	1.3				
Poland	2.4	2.1	2.1	1.9	1.7	1.7	1.5	1.5	1.4	1.3
Romania	3.6	2.7	2.8	1.9	2.1	2.3	2.4	2.4	2.3	2.3 e
Slovenia	18.2	17.4	17.7	19.8	19.9	19.6	19.7	19.2	20.1	19.7
Spain	2.6	2.9	2.2	2.2	1.8	1.8	1.7	1.7	1.7	1.8
Sweden	12.3	11.9	11.7	11.8	11.0	9.9	11.5	11.8	11.9	11.9
United Kingdom	2.0	1.9	1.3	1.3	1.3	1.3	1.8	1.7	1.5	0.9
European Union (28)	3.5	3.2	3.1	3.2	3.0	3.3	3.3	2.8	3.2	3.0
Bosnia-Herzegovina	2.5	1.0	0.0							
Other Europe	0.0	0.0	0.0							
Belarus	0.4									
Russia	16.9	17.0	16.7	16.1	16.7	16.0	16.3	16.0	15.5	15.5 e
Ukraine	45.9	45.9	47.8	45.7	51.2	51.6	49.6	46.0	44.3	33.8
Uzbekistan	0.7	0.8								
C.I.S.	24.7	24.4	25.1	22.5	23.4	23.4	22.1	21.0	20.2	18.0
Canada	1.5	2.8	2.9	2.0	2.4	21.8	21.8	21.9	21.9	21.8 e
Mexico	0.1	0.1	0.3	0.1	0.1	0.1				
United States	2.2	1.4	1.2	1.5	1.0	0.6	0.4	1.8	0.3	0.2
North America	1.8	1.3	1.3	1.3	1.0	2.9	2.8	3.7	2.5	2.5
Brazil	3.2	2.7	2.1	1.4	1.0	1.2	1.5	1.5	1.8	1.8
Colombia	23.4	26.5	26.1							
South America	3.0	2.7	2.3	1.1	0.7	0.9	1.2	1.2	1.4	1.5
Algeria	0.9	1.3	1.2							
South Africa	0.6	0.5	0.3	0.5	0.6				1.2	
Africa	0.3	0.3	0.2	0.2	0.3				0.4	
China (1)	1.5	1.4	1.5	1.3	1.2	1.1	1.1	1.4	1.4	1.3 e
India	22.5	19.7	18.5	17.2	15.7	14.1	13.8	12.8	12.8	12.8 e
Japan	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3 e
South Korea	1.6	1.3	1.2	1.2	1.1	1.0	1.0	1.1	1.1	0.9
Taiwan, China	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	
Asia	3.0	2.7	2.6	2.5	2.3	2.2	2.2	2.3	2.2	2.1
Australia	0.9	1.3	1.3	0.6	0.5	0.5				
Oceania	0.8	1.1	1.1	0.5	0.4	0.4				
World	4.4	4.1	3.9	3.6	3.4	3.5	3.3	3.3	3.2	2.9

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

Table 4

Production of Continuously-cast Steel *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	7 158	7 137	7 668	7 584	7 429	7 185	7 834	6 591	7 131	6 500
Belgium	8 026	7 301	7 127	7 331	7 257	7 687	7 842	7 980	7 760	6 119
Bulgaria	835	627	523	612	543	527	652	666	566	484
Croatia	96	1	135	167	122			136	69	45
Czechia	5 032	4 619	4 710	4 911	4 800	4 913	4 221	4 637	4 285	4 309
Germany	42 640	41 241	41 307	41 555	41 397	40 102	41 300	41 200	37 770	34 290
Finland	3 968	3 742	3 499	3 790	3 971	4 084	3 986	4 129	3 456	3 480
France	15 036	14 994	15 108	15 522	14 436	13 969	15 042	14 925	14 043	11 260
Greece	1 934	1 247	1 030	1 022	910	1 158	1 359	1 467	1 350	1 408
Hungary	1 746	1 542	883	1 152	1 675	1 274	1 901	1 989	1 769	1 513
Italy	27 360	25 992	22 890	22 344	20 755	22 147	22 724	23 188	22 017	19 304
Latvia	568	805	198							
Luxembourg	2 521	2 208	2 090	2 193	2 127	2 175	2 172	2 228	2 119	1 886
Netherlands	6 765	6 739	6 581	6 839	6 888	6 824	6 781	6 813	6 657	6 054
Poland	8 571	8 194	7 783	8 399	9 038	8 850	9 882	9 882	8 787	7 750
Portugal	1 922	1 940	2 040	2 053	2 015	1 998	2 056	2 215	2 033	2 203
Romania	3 691	3 200	2 900	3 100	3 280	3 200	3 280	3 465	3 370	2 725 e
Slovakia	4 224	4 391	4 499	4 694	4 551	4 800	4 974	4 947	3 931	3 444 e
Slovenia	530	522	509	493	484	495	521	528	500	470
Spain	15 103	13 246	13 933	13 940	14 578	13 380	14 201	14 084	13 358	10 800
Sweden (1)	4 229	3 773	3 857	3 978	4 038	4 321	4 339	4 084	4 140	3 860
United Kingdom	9 273	9 390	11 699	11 949	10 756	7 532	7 356	7 141	7 111	7 022
European Union (28)	171 227	162 853	160 970	163 629	161 050	156 621	162 425	162 296	152 222	134 925
Albania (e)	464	500	550	560	150	50				
Bosnia-Herzegovina	632	693	722	793	819	806	756	695	801	759
Macedonia	386	217	100	188	121	169	273	266	239	180
Montenegro (e)	140	120	70	140	150	120	100	80	50	20 e
Norway	598	683	593	590	578	608	603	575	621	624
Serbia	1 324	346	396	583	955	1 173	1 477	1 973	1 929	1 456
Switzerland	1 400	1 450	1 530	1 475	1 475	1 500	1 525	1 550	1 325	1 175 e
Turkey	34 107	35 885	34 654	34 035	31 517	33 163	37 524	37 312	33 743	35 810
Other Europe	39 051	39 894	38 614	38 364	35 766	37 589	42 258	42 451	38 708	40 024
Azerbaijan (e)	120	120	173	180	180	180	180	200	200	200 e
Belarus	2 600	2 687	2 245	2 513	2 510	2 188	2 343	2 471	2 621	2 482
Kazakhstan	4 695	3 670	3 270	3 675	3 905	4 285	4 581	3 906	4 074	3 779
Moldova	313	335	190	351	443	126	469	497	392	465
Russia	55 550	56 620	56 000	58 500	58 000	58 000	58 600	59 150	59 200	59 100 e
Ukraine	19 030	17 760	17 040	14 700	11 237	11 700	10 792	11 398	11 609	13 648 e
Uzbekistan	728	730	746	723	643	654	654	646	666	939
C.I.S.	83 036	81 922	79 665	80 643	76 918	77 133	77 619	78 269	78 762	80 613
Canada	12 698	13 131	12 055	12 481	12 179	9 891	10 330	10 500	10 080	8 585 e
Cuba	282	277	322	256	284	244	221	225	230	185
El Salvador	97	72	118	121	124	100	96	99	102	82
Guatemala	294	334	385	395	403	314	294	300	306	243
Mexico	18 091	18 047	18 195	18 906	18 203	18 799	19 924	20 204	18 387	16 803
Trinidad and Tobago	603	628	616	487	591	36				
United States	84 455	87 467	85 796	86 867	78 070	78 012	81 317	85 027	87 542	72 559
North America	116 520	119 956	117 488	119 515	109 854	107 396	112 183	116 356	116 646	98 456

(1) - includes Steel Powders from 2015.

Table 4
(continued) **Production of Continuously-cast Steel ***

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Argentina	5 597	4 981	5 172	5 474	5 014	4 112	4 610	5 148	4 631	3 637
Brazil	34 058	33 590	33 431	33 383	32 911	31 120	34 055	34 671	31 917	30 813
Chile	1 615	1 671	1 323	1 079	1 112	1 153	1 158	1 145	1 133	1 157
Colombia	986	957	913	1 208	1 211	1 272	1 253	1 219	1 333	1 149
Ecuador	463	425	570	667	720	576	561	583	607	482
Paraguay	30	44	45	47	48	35	24	25	26	23
Peru	877	981	1 069	1 078	1 082	1 168	1 207	1 217	1 230	731
Uruguay	81	78	91	94	97	61	58	60	62	49
Venezuela	2 980	2 359	2 139	1 485	1 345	553	444	129	51	29
South America	46 687	45 086	44 753	44 514	43 540	40 050	43 369	44 197	40 990	38 070
Algeria	545	550	417	415	650	650	415	2 300	2 400	4 000 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 485	6 627	6 754	6 485	5 506	5 036	6 870	7 807	7 257	8 229
Ghana (e)	50	100	150	200	200	200	250	250	250	250 e
Kenya (e)	20	20	20	20	20	20	20	20	20	20 e
Libya	100	315	712	712	352	492	422	396	606	495
Morocco	654	539	558	501	516	520	550	520	500	320 e
Nigeria (e)	100	100	100	100	100	100	100	100	100	100 e
South Africa	7 501	6 900	7 139	6 381	6 380	6 141	6 301	6 327	6 076	3 877
Tunisia	150	150	150	150	50	50	50	50	50	50 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Africa	15 664	15 362	16 060	15 023	13 834	13 269	15 038	17 830	17 319	17 400
Bahrain (e)								720	700	700
Iran	13 197	14 463	15 422	16 331	16 146	17 895	21 236	24 520	25 609	28 990 e
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	150	200	200	250	300	330	330	350	350	350 e
Kuwait (e)								1 300	1 270	1 300
Oman (e)	200	300	500	1 500	2 000	2 000	2 000	2 000	2 000	2 000 e
Qatar	2 038	2 145	2 236	3 019	2 593	2 521	2 644	2 575	2 558	1 218
Saudi Arabia (2)	5 275	5 203	5 471	6 291	5 229	5 461	4 831	8 187	8 191	7 775
Syria (e)	70	10	10							
United Arab Emirates	2 000	2 408	2 878	2 390	3 006	3 149	3 309	3 247	3 327	2 722
Middle East	23 230	25 029	27 017	30 081	29 574	31 655	34 650	43 199	44 305	45 355
Bangladesh (e)	1 900	1 900	1 900	2 800	3 500	3 500	3 500	3 800	5 100	5 500 e
China (1)	690 472	720 074	808 202	810 100	792 700	797 500	859 900	915 000	980 419	1 049 417 e
India	56 900	62 000	66 280	72 270	75 000	82 000	87 400	95 200	96 950	87 200
Indonesia	3 621	2 254	2 644	4 351	4 854	4 746	5 195	6 183	8 565	12 871
Japan(e:2014-)	105 523	105 402	108 932	109 000	103 550	103 225	103 045	102 725	97 700	81 860 e
South Korea	67 184	67 907	65 019	70 405	68 672	67 652	70 111	71 462	70 393	66 220
Malaysia	5 941	5 612	4 693	4 316	3 784	2 764	3 215	4 108	6 948	6 619
Mongolia (e)	35	35	40	45	45	50	50	50	50	50 e
Myanmar (e)	50	50	70	100	150	200	250	300	350	350 e
Pakistan (e)				2 423	2 890	3 553	4 966	4 719	3 304	3 803
Philippines	1 200	1 260	1 308	1 196	968	1 075	1 378	1 475	1 915	892
Singapore	752	688	434	540	501	520	596	618	766	406
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	19 420	20 576	22 188	23 117	21 303	21 658	22 340	23 148	21 854	20 959
Thailand	4 256	3 641	3 613	5 835	5 069	5 400	6 762	6 403	4 246	4 467
Vietnam	4 900	5 298	5 474	5 847	5 647	7 811	11 473	15 471	17 469	19 900
Asia	962 183	996 726	1 090 826	1 112 376	1 088 664	1 101 684	1 180 211	1 250 692	1 316 060	1 360 544
Australia	6 350	4 832	4 627	4 581	4 900	5 234	5 328	5 689	5 493	5 490
New Zealand	844	912	900	859	793	577	657	652	667	586
Oceania	7 193	5 744	5 528	5 440	5 692	5 811	5 985	6 341	6 160	6 076
World	1 464 791	1 492 572	1 580 920	1 609 585	1 564 892	1 571 208	1 673 737	1 761 631	1 811 172	1 821 464

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

(2) - 2010-17 HADEED only. 2018-19 national total.

Table 4
(continued)

Production of Continuously-cast Steel *
% total crude steel production

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	95.8	96.2	96.4	96.3	96.6	96.6	96.3	95.7	96.1	96.1
Belgium	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bulgaria	100.0	99.1	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					
Czechia	90.1	91.1	91.1	91.6	91.2	92.6	92.8	95.3	96.6	96.5
Germany	96.3	96.7	96.9	96.8	97.0	95.3	95.4	97.1	95.3	96.1
Finland	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.5	99.5
France	95.3	96.1	96.3	96.2	96.3	96.9	97.0	97.0	97.2	97.1
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	95.2	95.4	95.0	94.2	94.5	95.0	94.7	94.7	94.9	94.7
Latvia	100.0	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	97.5	98.0	98.0	98.2	98.5	98.7	100.0	100.0	100.0	100.0
Poland	97.6	97.9	97.9	98.1	98.3	98.3	95.6	97.2	98.1	98.7
Portugal	99.0	99.0	99.5	99.2	99.3	99.4	99.0	100.0	100.0	100.0
Romania	96.4	97.2	97.2	98.2	97.9	97.7	97.6	97.6	97.7	97.7 e
Slovakia	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0 e
Slovenia	81.8	82.6	82.3	80.2	80.1	80.7	80.3	80.8	80.2	80.3
Spain	97.4	97.1	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.2
Sweden (1)	86.9	87.2	87.6	87.6	88.6	89.7	88.1	87.8	87.7	87.6
United Kingdom	97.8	98.0	98.7	99.3	98.6	98.7	98.2	98.3	98.5	99.1
European Union (28)	96.3	96.6	96.7	96.7	96.9	96.6	96.4	97.0	96.7	96.9
Albania (e)	100.0	100.0	100.0	100.0	100.0	100.0				
Bosnia-Herzegovina	97.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	98.0	97.6	98.0	98.3	98.0	98.1	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 e
Turkey	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Other Europe	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Azerbaijan (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Belarus	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kazakhstan	99.9	99.8	99.8	99.8	99.9	99.9	98.7	98.5	98.5	97.1
Moldova	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Russia	80.7	80.6	81.2	81.9	84.4	84.0	83.1	82.0	82.5	82.5 e
Ukraine	53.9	53.9	52.0	54.1	48.9	48.3	50.4	54.0	55.7	66.2 e
Uzbekistan	99.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C.I.S.	73.7	74.0	73.5	76.0	77.4	76.6	77.4	77.5	78.3	80.4
Canada	98.5	97.2	97.1	98.0	97.6	78.2	78.2	78.1	78.2	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	99.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
Trinidad and Tobago	100.0	100.0	100.0	100.0	100.0	100.0				
United States	97.8	98.6	98.8	98.5	99.0	99.4	99.6	98.2	99.7	99.8
North America	98.2	98.7	98.7	98.7	99.0	97.1	97.2	96.3	97.5	97.5

(1) - includes Steel Powders from 2015.

Table 4
(continued)

Production of Continuously-cast Steel *
% total crude steel production

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Argentina	99.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.6
Brazil	96.7	97.3	97.9	98.5	99.0	98.3	97.9	97.9	98.0	98.1
Chile	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Colombia	76.6	73.5	73.9	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	96.9	97.2	97.7	98.8	99.2	98.7	98.3	98.3	98.4	98.4
Algeria	98.9	98.8	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	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 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	99.4	99.5	99.7	99.5	99.4	100.0	100.0	100.0	98.8	100.0
Tunisia	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
Africa	99.6	99.7	99.8	99.8	99.7	100.0	100.0	100.0	99.5	100.0
Bahrain (e)								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
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)	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 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 (2)	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							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	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 e
China (1)	98.4	98.5	98.3	98.5	98.6	98.7	98.8	98.5	98.5	98.6 e
India	77.4	80.2	81.5	82.8	84.2	85.9	86.1	87.1	87.1	87.0
Indonesia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Japan (e:2014-)	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.4	98.4 e
South Korea	98.1	98.3	98.4	98.4	98.6	98.7	98.7	98.6	98.6	98.7
Malaysia	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 e
Myanmar (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Pakistan (e)				100.0	99.9	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	96.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	100.0
Thailand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vietnam	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Asia	96.5	96.9	96.9	97.3	97.4	97.6	97.6	97.5	97.5	97.7
Australia	99.1	98.7	98.7	99.4	99.5	99.5	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
Oceania	99.2	98.9	98.9	99.5	99.6	99.6	100.0	100.0	100.0	100.0
World	95.1	95.5	95.7	96.1	96.4	96.3	96.5	96.4	96.6	96.9

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

(2) - HADEED only.

Table 5

Production of Liquid Steel for Castings *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	10	10	10	10	11	9	6	6	6	5
Croatia					0	0	0			
Czechia	75	64	67	56	58	52	46	12	10	32
Germany	11	12	9	9	6	6	5	5	5	5
Finland	21	17	17	17	17	17	17	17	17	18
France	1						1	0	0	
Italy	146	144	160	150	145	146	143	143	86	84
Portugal	20	20	10	17	15	12	20			
Slovakia	13	12	12	11	11	9				
Sweden	38	37	33	25	19	21	22	22	22	25
United Kingdom	11	9	9	9	9	5	3	2	3	2
European Union (28)	345	326	326	305	291	277	263	206	149	171
Norway	12	17	12	10	12	12				
Other Europe	12	17	12	10	12	12				
Belarus	5									
Kazakhstan	4	6	5	5	5	5	60	60	60	60 e
Russia	1 650	1 670	1 500	1 460	1 400	1 400	1 400	1 400	1 400	1 400 e
Ukraine	100	95	70	50		20				
C.I.S.	1 759	1 771	1 575	1 515	1 405	1 425	1 460	1 460	1 460	1 460
Mexico	1									
United States	1	1	1	1						
North America	2	1	1	1						
Argentina	14	14	14	14	14	14	14	14	14	14
Brazil	30	18	21	30	29	154	209	217	54	41
South America	44	32	35	44	43	168	223	231	68	55
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
Middle East				5	5	5	5	5	5	5
China (1)	924	678	1 256	1 300	1 200	1 100	850	1 000	1 100	1 150 e
India	20	20	20	25	25	30	55	70	45	50 e
Japan	423	392	357	335	320	316	375	386	343	290
South Korea	261	258	274	270	250	231	237	236	237	263
Taiwan, China	662	1								
Asia	2 290	1 349	1 907	1 930	1 795	1 677	1 516	1 692	1 726	1 754
World	4 457	3 499	3 860	3 815	3 556	3 569	3 472	3 599	3 412	3 449

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

Table 5
(continued)

Production of Liquid Steel for Castings *
% total crude steel production

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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	1.3	1.0	1.1	1.0	1.0	0.2	0.2	0.7
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Finland	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5
France	0.0						0.0	0.0	0.0	
Italy	0.5	0.5	0.7	0.6	0.7	0.6	0.6	0.6	0.4	0.4
Portugal	1.0	1.0	0.5	0.8	0.7	0.6	1.0			
Slovakia	0.3	0.3	0.3	0.2	0.2	0.2				
Sweden	0.8	0.9	0.7	0.6	0.4	0.4	0.4	0.5	0.5	0.6
United Kingdom	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
European Union (28)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Norway	2.0	2.4	2.0	1.7	2.0	1.9				
Other Europe	0.0	0.0	0.0	0.0	0.0	0.0				
Belarus	0.2									
Kazakhstan	0.1	0.2	0.2	0.1	0.1	0.1	1.3	1.5	1.5	1.5 e
Russia	2.4	2.4	2.2	2.0	2.0	2.0	2.0	1.9	2.0	2.0 e
Ukraine	0.3	0.3	0.2	0.2		0.1				
C.I.S.	1.6	1.6	1.5	1.4	1.4	1.4	1.5	1.4	1.5	1.5
Mexico	0.0									
United States	0.0	0.0	0.0	0.0						
North America	0.0	0.0	0.0	0.0						
Argentina	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Brazil	0.1	0.1	0.1	0.1	0.1	0.5	0.6	0.6	0.2	0.1
South America	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.2	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
Middle East				0.0	0.0	0.0	0.0	0.0	0.0	0.0
China (1)	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1 e
India	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0 e
Japan	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3
South Korea	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
Taiwan, China	3.3	0.0								
Asia	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
World	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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

	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other	Total
		thousand tonnes					% total production			
Austria	6 714	709			7 424	90.4	9.6			100.0
Belgium	5 655	2 104			7 760	72.9	27.1			100.0
Bulgaria		566			566		100.0			100.0
Croatia		69			69		100.0			100.0
Czechia	4 203	234			4 437	94.7	5.3			100.0
Germany	27 722	11 905			39 627	70.0	30.0			100.0
Finland (e)	2 320	1 155			3 475	66.8	33.2			100.0
France	10 061	4 388			14 450	69.6	30.4			100.0
Greece		1 350			1 350		100.0			100.0
Hungary	1 418	352			1 769	80.1	19.9			100.0
Italy	4 207	19 030			23 237	18.1	81.9			100.0
Luxembourg		2 119			2 119		100.0			100.0
Netherlands	6 657				6 657	100.0				100.0
Poland	4 920	4 037			8 956	54.9	45.1			100.0
Portugal		2 033			2 033		100.0			100.0
Romania (e)	2 330	1 115			3 445	67.6	32.4			100.0
Slovakia (e)	3 690	240			3 930	93.9	6.1			100.0
Slovenia		623			623		100.0			100.0
Spain	4 240	9 348			13 588	31.2	68.8			100.0
Sweden	3 124	1 596			4 721	66.2	33.8			100.0
United Kingdom	5 687	1 531			7 218	78.8	21.2			100.0
European Union (28)	92 948	64 505			157 453	59.0	41.0			100.0
Bosnia-Herzegovina	801				801	100.0				100.0
Macedonia		239			239		100.0			100.0
Montenegro (e)		50			50		100.0			100.0
Norway		621			621		100.0			100.0
Serbia	1 756	174			1 929	91.0	9.0			100.0
Switzerland (e)		1 325			1 325		100.0			100.0
Turkey	10 859	22 884			33 743	32.2	67.8			100.0
Other Europe	13 415	25 293			38 708	34.7	65.3			100.0
Azerbaijan (e)		200			200		100.0			100.0
Byelorussia		2 621			2 621		100.0			100.0
Kazakhstan	4 074	60			4 134	98.5	1.5			100.0
Moldova		392			392		100.0			100.0
Russia	46 860	23 500	1 360		71 720	65.3	32.8	1.9		100.0
Ukraine	14 836	1 203	4 806		20 845	71.2	5.8	23.1		100.0
Uzbekistan		666			666		100.0			100.0
C.I.S.	65 770	28 642	6 166		100 578	65.4	28.5	6.1		100.0
Canada (e)	7 225	5 675			12 900	56.0	44.0			100.0
Cuba		230			230		100.0			100.0
El Salvador		102			102		100.0			100.0
Guatemala		306			306		100.0			100.0
Mexico	4 242	14 145			18 387	23.1	76.9			100.0
United States	26 590	61 171			87 761	30.3	69.7			100.0
North America	38 058	81 628			119 686	31.8	68.2			100.0

OBC - oxygen-blown converter.

EF - electric furnace.

OHF - open hearth furnace.

Crude Steel Production by Process *

Year: 2019

Table 6
(continued)

	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other	Total
	thousand tonnes					% total production				
Argentina	2 115	2 529			4 645	45.5	54.5			100.0
Brazil	24 764	7 272		533	32 569	76.0	22.3		1.6	100.0
Chile	724	409			1 133	63.9	36.1			100.0
Colombia	224	1 109			1 333	16.8	83.2			100.0
Ecuador		607			607		100.0			100.0
Paraguay	26				26	100.0				100.0
Peru		1 230			1 230		100.0			100.0
Uruguay		62			62		100.0			100.0
Venezuela		51			51		100.0			100.0
South America	27 854	13 269		533	41 656	66.9	31.9		1.3	100.0
Algeria	400	2 000			2 400	16.7	83.3			100.0
D.R. Congo (e)		30			30		100.0			100.0
Egypt	184	7 073			7 257	2.5	97.5			100.0
Ghana (e)		250			250		100.0			100.0
Kenya (e)		20			20		100.0			100.0
Libya		606			606		100.0			100.0
Mauritania (e)				5	5				100.0	100.0
Morocco		500			500		100.0			100.0
Nigeria (e)		100			100		100.0			100.0
South Africa	3 330	2 822			6 152	54.1	45.9			100.0
Tunisia		50			50		100.0			100.0
Uganda (e)		30			30		100.0			100.0
Africa	3 914	13 481		5	17 400	22.5	77.5		0.0	100.0
Bahrain (e)		700			700		100.0			100.0
Iran	2 535	23 075			25 610	9.9	90.1			100.0
Israel (e)		300			300		100.0			100.0
Jordan (e)		350			350		100.0			100.0
Kuwait (e)		1 270			1 270		100.0			100.0
Oman (e)		2 000			2 000		100.0			100.0
Qatar		2 558			2 558		100.0			100.0
Saudi Arabia		8 191			8 191		100.0			100.0
Syria (e)		5			5		100.0			100.0
United Arab Emirates		3 327			3 327		100.0			100.0
Middle East	2 535	41 775			44 310	5.7	94.3			100.0
Bangladesh (e)		5 100			5 100		100.0			100.0
China (e)	892 891	102 528			995 419	89.7	10.3			100.0
India	48 680	62 678			111 358	43.7	56.3			100.0
Indonesia	3 190	5 375			8 565	37.2	62.8			100.0
Japan	74 983	24 301			99 284	75.5	24.5			100.0
South Korea	48 716	22 696			71 412	68.2	31.8			100.0
Malaysia	4 040	2 905			6 945	58.2	41.8			100.0
Mongolia (e)		50			50		100.0			100.0
Myanmar (e)		350			350		100.0			100.0
Pakistan		3 304			3 304		100.0			100.0
Philippines		1 915			1 915		100.0			100.0
Singapore		766			766		100.0			100.0
Sri Lanka (e)		30			30		100.0			100.0
Taiwan, China	13 587	8 367			21 954	61.9	38.1			100.0
Thailand		4 246			4 246		100.0			100.0
Vietnam	9 746	4 925		2 798	17 469	55.8	28.2		16.0	100.0
Asia	1 095 832	249 537		2 798	1 348 167	81.3	18.5		0.2	100.0
Australia	4 023	1 470			5 493	73.2	26.8			100.0
New Zealand	667				667	100.0				100.0
Oceania	4 690	1 470			6 160	76.1	23.9			100.0
World **	1 345 016	519 601	6 166	3 336	1 874 119	71.8	27.7	0.3	0.2	100.0

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

** - Approximately 99.9% of total world production in 2019.

	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other	Total
	thousand tonnes					% total production				
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
United Kingdom	5 735	1 351			7 086	80.9	19.1			100.0
European Union (28)	80 186	59 070			139 256	57.6	42.4			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
Turkey	11 028	24 782			35 810	30.8	69.2			100.0
Other Europe	13 025	26 999			40 024	32.5	67.5			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		100.0
Ukraine	15 585	1 129	3 911		20 626	75.6	5.5	19.0		100.0
Uzbekistan		939			939		100.0			100.0
C.I.S.	66 564	28 275	5 311		100 151	66.5	28.2	5.3		100.0
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

OBC - oxygen-blown converter.

EF - electric furnace.

OHF - open hearth furnace.

Crude Steel Production by Process *

Table 6
(continued)

Year: 2020

	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other	Total
		thousand tonnes					% total production			
Argentina	2 007	1 644			3 651	55.0	45.0			100.0
Brazil	23 292	7 231		448	30 971	75.2	23.3		1.4	100.0
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	26 300	11 494		448	38 243	68.8	30.1		1.2	100.0
Algeria	500	3 500			4 000	12.5	87.5			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)		250			250		100.0			100.0
Kenya (e)		20			20		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)		100			100		100.0			100.0
South Africa	2 039	1 838			3 877	52.6	47.4			100.0
Tunisia		50			50		100.0			100.0
Uganda (e)		30			30		100.0			100.0
Africa	2 659	14 743		5	17 406	15.3	84.7		0.0	100.0
Bahrain (e)		700			700		100.0			100.0
Iran	2 520	26 500			29 020	8.7	91.3			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	2 520	42 870			45 390	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
South Korea	46 259	20 820			67 079	69.0	31.0			100.0
Malaysia	4 435	2 180			6 615	67.0	33.0			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		406			406		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
Vietnam	12 200	4 800		2 900	19 900	61.3	24.1		14.6	100.0
Asia	1 152 187	236 045		2 900	1 391 131	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 **	1 378 325	491 715	5 311	3 353	1 878 704	73.4	26.2	0.3	0.2	100.0

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

** - Approximately 99.9% of total world production in 2020.

Table 7

Production of Crude Steel in Oxygen-blown Converters *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	6 785	6 746	7 288	7 185	7 020	6 766	7 412	6 177	6 714	6 087
Belgium	5 253	4 647	4 738	4 952	4 809	5 330	5 390	5 411	5 655	4 172
Czechia	5 128	4 701	4 805	5 006	4 902	5 011	4 306	4 619	4 203	4 260
Germany	30 079	28 872	29 185	29 881	30 054	29 486	30 290	29 732	27 722	24 145
Finland	2 703	2 300	2 220	2 545	2 625	2 750	2 700	2 800	2 320	2 385
France	9 652	9 507	10 195	10 645	9 825	9 527	10 664	10 524	10 061	7 822
Hungary	1 570	1 488	744	974	1 507	1 041	1 602	1 659	1 418	1 183
Italy	9 892	9 312	6 798	6 514	4 791	5 669	4 732	4 520	4 207	3 115
Netherlands	6 765	6 739	6 581	6 839	6 888	6 824	6 781	6 813	6 657	6 054
Poland	4 424	4 234	4 399	5 067	5 321	5 110	5 706	5 392	4 920	3 936
Romania	1 877	1 701	1 830	1 845	2 245	2 228	2 330	2 190	2 330	2 045 e
Slovakia	3 856	4 023	4 172	4 344	4 236	4 506	4 619	4 550	3 690	3 275 e
Spain	3 844	3 423	4 210	4 206	4 701	4 547	4 821	4 911	4 240	3 023
Sweden	3 192	2 883	2 986	3 096	2 890	3 111	3 078	2 829	3 124	2 952
United Kingdom	6 946	7 525	9 915	10 079	9 051	6 153	5 997	5 651	5 687	5 735
European Union (28)	101 966	98 103	100 067	103 178	100 864	98 058	100 429	97 778	92 948	80 186
Bosnia-Herzegovina	649	700	721	793	819	806	756	695	801	759
Serbia	1 324	346	396	583	955	1 173	1 477	1 770	1 756	1 237
Turkey	8 832	9 325	9 931	10 283	11 035	11 317	11 561	11 513	10 859	11 028
Other Europe	10 804	10 371	11 048	11 659	12 809	13 295	13 794	13 978	13 415	13 025
Kazakhstan	3 636	2 904	3 009	3 526	3 620	4 230	4 581	3 906	4 074	3 779 e
Russia	43 650	45 800	46 101	47 567	47 243	46 587	47 023	46 626	46 860	47 200 e
Ukraine	24 500	23 954	24 284	19 930	16 455	16 950	15 305	14 714	14 836	15 585 e
C.I.S.	71 786	72 658	73 394	71 024	67 319	67 767	66 909	65 246	65 770	66 564
Canada	7 478	7 810	6 850	7 723	6 715	7 012	7 271	7 550	7 225	5 970 e
Mexico	5 066	4 989	5 363	5 679	4 978	4 919	4 721	4 885	4 242	2 914
United States	34 290	36 281	34 237	33 000	29 395	25 888	25 788	27 704	26 590	21 350
North America	46 835	49 080	46 450	46 402	41 089	37 819	37 780	40 139	38 058	30 234
Argentina	2 846	2 214	2 531	2 749	2 822	2 340	2 296	2 319	2 115	2 007
Brazil	26 447	25 962	25 055	25 507	26 014	24 330	26 794	27 075	24 764	23 292
Chile	1 191	1 186	864	697	773	815	794	789	724	801
Colombia	302	345	323	297	241	244	220	222	224	178
Paraguay	30	44	45	47	48	35	24	25	26	23
South America	30 815	29 751	28 819	29 297	29 898	27 763	30 128	30 430	27 854	26 300
Algeria	551	557	417	415	650	650	415	400	400	500 e
Egypt	545	530	540	515	580	575	180	180	184	120 e
South Africa	3 992	3 904	4 272	3 623	3 908	3 820	3 731	3 899	3 330	2 039
Africa	5 088	4 991	5 229	4 553	5 138	5 045	4 326	4 479	3 914	2 659
Iran	2 296	2 157	2 013	2 724	2 407	2 183	2 235	2 255	2 535	2 520
Middle East	2 296	2 157	2 013	2 724	2 407	2 183	2 235	2 255	2 535	2 520
China	630 561	666 185	764 631	767 900	756 300	756 600	790 000	830 000	892 891	966 808 e
India	23 632	24 664	34 773	37 045	38 216	40 739	46 202	49 038	48 680	44 636
Indonesia				1 903	2 720	2 907	2 922	3 009	3 190	3 100
Japan	82 743	82 307	85 680	84 987	81 081	81 513	79 343	78 230	74 983	62 047
South Korea	42 142	43 119	40 294	47 345	48 500	47 521	47 676	48 281	48 716	46 259
Malaysia (e)					500	545	400	510	4 040	4 435 e
Pakistan (e)	350	200	165	145	180					
Taiwan, China	10 298	11 092	12 483	13 544	13 328	13 969	13 690	14 063	13 587	12 701
Vietnam			500	877	1 409	2 343	4 016	8 200	9 746	12 200
Asia	789 727	827 567	938 526	953 748	942 234	946 137	984 248	1 031 332	1 095 832	1 152 187
Australia	5 150	3 777	3 642	3 573	3 797	3 983	4 104	4 228	4 023	4 064
New Zealand	611	625	612	595	583	577	657	652	667	586
Oceania	5 761	4 402	4 254	4 168	4 380	4 560	4 761	4 880	4 690	4 649
World	1 065 079	1 099 079	1 209 799	1 226 751	1 206 137	1 202 627	1 244 610	1 290 517	1 345 016	1 378 325

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

Table 7
(continued)

Production of Crude Steel in Oxygen-blown Converters *

% total crude steel production

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	90.8	90.9	91.6	91.2	91.3	91.0	91.1	89.7	90.4	90.0
Belgium	65.4	63.6	66.5	67.6	66.3	69.3	68.7	67.8	72.9	68.2
Czechia	91.8	92.7	92.9	93.4	93.2	94.4	94.6	95.0	94.7	95.4
Germany	67.9	67.7	68.4	69.6	70.4	70.1	70.0	70.1	70.0	67.7
Finland	67.8	61.2	63.1	66.8	65.8	67.1	67.4	67.5	66.8	68.2
France	61.2	60.9	65.0	65.9	65.6	66.1	68.8	68.4	69.6	67.5
Hungary	89.9	96.5	84.3	84.5	90.0	81.7	84.3	83.4	80.1	78.2
Italy	34.4	34.2	28.2	27.5	21.8	24.3	19.7	18.5	18.1	15.3
Netherlands	97.5	98.0	98.0	98.2	98.5	98.7	100.0	100.0	100.0	100.0
Poland	50.4	50.6	55.3	59.2	57.8	56.8	55.2	53.0	54.9	50.1
Romania	49.0	51.7	61.3	58.4	67.0	68.0	69.3	61.7	67.6	73.3 e
Slovakia	91.0	91.4	92.5	92.3	92.9	93.7	92.9	92.0	93.9	95.1 e
Spain	24.8	25.1	29.5	29.5	31.7	33.4	33.4	34.3	31.2	27.5
Sweden	65.6	66.6	67.8	68.2	63.4	64.6	62.5	60.8	66.2	67.0
United Kingdom	73.3	78.6	83.6	83.8	83.0	80.6	80.1	77.8	78.8	80.9
European Union (28)	57.4	58.2	60.1	61.0	60.7	60.5	59.6	58.5	59.0	57.6
Bosnia-Herzegovina	100.0	100.0	99.9	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	100.0	89.7	91.0	85.0
Turkey	25.9	26.0	28.7	30.2	35.0	34.1	30.8	30.9	32.2	30.8
Other Europe	27.6	26.0	28.6	30.4	35.8	35.4	32.6	32.9	34.7	32.5
Kazakhstan	77.4	79.0	91.9	95.8	92.6	98.6	98.7	98.5	98.5	97.1 e
Russia	63.4	65.2	66.8	66.6	68.8	67.5	66.7	64.7	65.3	65.9 e
Ukraine	69.3	72.6	74.1	73.4	71.6	70.0	71.5	69.7	71.2	75.6 e
C.I.S.	63.7	65.6	67.7	67.0	67.8	67.3	66.7	64.6	65.4	66.4
Canada	58.0	57.8	55.2	60.7	53.8	55.4	55.1	56.2	56.0	54.3 e
Mexico	28.0	27.6	29.4	30.0	27.3	26.1	23.7	24.2	23.1	17.3
United States	39.7	40.9	39.4	37.4	37.3	33.0	31.6	32.0	30.3	29.4
North America	39.5	40.4	39.0	38.3	37.0	34.2	32.8	33.2	31.8	29.9
Argentina	50.7	44.3	48.8	50.1	56.1	56.7	49.6	44.9	45.5	55.0
Brazil	75.1	75.2	73.3	75.2	78.2	76.9	77.0	76.5	76.0	74.1
Chile	73.7	71.0	65.4	64.6	69.5	70.7	68.6	68.9	63.9	69.2
Colombia	23.4	26.5	26.1	24.6	19.9	19.2	17.5	18.2	16.8	15.4
Paraguay	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
South America	64.0	64.1	62.9	65.0	68.1	68.4	68.3	67.7	66.9	68.0
Algeria	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.4	16.7	12.5 e
Egypt	8.4	8.0	8.0	7.9	10.5	11.4	2.6	2.3	2.5	1.5 e
South Africa	52.9	56.3	59.6	56.5	60.9	62.2	59.2	61.6	54.1	52.6
Africa	32.4	32.4	32.5	30.2	37.0	38.0	28.8	25.1	22.5	15.3
Iran	17.4	14.9	13.1	16.7	14.9	12.2	10.5	9.2	9.9	8.7
Middle East	9.9	8.6	7.5	9.1	8.1	6.9	6.4	5.2	5.7	5.6
China	89.8	91.1	93.0	93.4	94.1	93.7	90.7	89.3	89.7	90.8 e
India	32.2	31.9	42.8	42.4	42.9	42.7	45.5	44.9	43.7	44.5
Indonesia				43.7	56.0	61.3	56.2	48.7	37.2	24.1
Japan	76.9	76.8	77.5	76.8	77.1	77.8	75.8	75.0	75.5	74.6
South Korea	61.5	62.4	61.0	66.2	69.6	69.3	67.1	66.6	68.2	69.0
Malaysia (e)					13.2	19.7	12.4	12.4	58.1	67.0
Pakistan (e)	22.0	12.3	8.9	6.0	6.2					
Taiwan, China	51.0	53.7	56.0	58.3	62.3	64.2	61.0	60.5	61.9	60.6
Vietnam			9.1	15.0	25.0	30.0	35.0	53.0	55.8	61.3
Asia	79.2	80.4	83.4	83.4	84.3	83.8	81.4	80.4	81.2	82.7
Australia	80.4	77.2	77.7	77.6	77.1	75.7	77.0	74.3	73.2	74.0
New Zealand	72.4	68.6	67.9	69.2	73.5	100.0	100.0	100.0	100.0	100.0
Oceania	79.5	75.8	76.1	76.2	76.6	78.1	79.5	77.0	76.1	76.5
World	69.2	70.3	73.2	73.3	74.3	73.7	71.7	70.6	71.7	73.3

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

Table 8

Production of Crude Steel in Electric Furnaces (Arc and Induction) *

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	689	674	664	691	667	672	723	708	709	678
Belgium	2 773	2 654	2 389	2 379	2 448	2 357	2 460	2 569	2 104	1 947
Bulgaria	835	633	523	612	543	527	652	666	566	484
Croatia	96	1	135	167	122	0	0	136	69	45
Czechia	455	371	367	354	360	295	244	245	234	205
Germany	14 204	13 789	13 459	13 062	12 622	12 594	13 007	12 703	11 905	11 535
Finland	1 286	1 460	1 300	1 265	1 365	1 350	1 300	1 350	1 155	1 115
France	6 128	6 102	5 491	5 498	5 159	4 886	4 840	4 864	4 388	3 773
Greece	1 934	1 247	1 030	1 022	910	1 158	1 359	1 467	1 350	1 408
Hungary	176	54	139	178	168	233	298	329	352	331
Italy	18 843	17 939	17 295	17 200	17 166	17 643	19 275	19 976	19 030	17 265
Latvia	568	805	198							
Luxembourg	2 521	2 208	2 090	2 193	2 127	2 175	2 172	2 228	2 119	1 886
Netherlands	172	141	132	125	107	93				
Poland	4 356	4 132	3 551	3 492	3 877	3 891	4 626	4 765	4 037	3 920
Portugal	1 942	1 960	2 050	2 070	2 030	2 010	2 056	2 215	2 033	2 203
Romania	1 951	1 591	1 155	1 314	1 100	1 046	1 030	1 360	1 115	745 e
Slovakia	380	381	339	362	326	302	355	395	240	170 e
Slovenia	648	632	618	615	604	613	648	654	623	585
Spain	11 660	10 216	10 042	10 042	10 144	9 069	9 620	9 410	9 348	7 966
Sweden	1 675	1 443	1 418	1 443	1 667	1 706	1 848	1 824	1 596	1 457
United Kingdom	2 532	2 054	1 942	1 955	1 856	1 482	1 494	1 616	1 531	1 351
European Union (28)	75 825	70 487	66 326	66 039	65 369	64 102	68 009	69 480	64 505	59 070
Albania (e)	464	500	550	560	150	50				
Bosnia-Herzegovina			1							
Macedonia	386	217	100	188	121	169	273	266	239	180
Montenegro (e)	140	120	70	140	150	120	100	80	50	20 e
Norway	610	700	605	600	590	620	603	575	621	624
Serbia								203	174	218
Switzerland	1 400	1 450	1 530	1 475	1 475	1 500	1 525	1 550	1 325	1 175 e
Turkey	25 275	26 560	24 723	23 752	20 482	21 846	25 963	25 799	22 884	24 782
Other Europe	28 275	29 547	27 579	26 715	22 968	24 305	28 464	28 473	25 293	26 999
Azerbaijan (e)	120	120	173	180	180	180	180	200	200	200
Belarus	2 600	2 687	2 245	2 513	2 510	2 188	2 343	2 471	2 621	2 482
Kazakhstan	1 064	773	266	155	290	60	60	60	60	60 e
Moldova	313	335	190	351	443	126	469	497	392	465
Russia	18 500	20 800	20 005	21 852	19 858	21 167	21 824	24 098	23 500	23 000 e
Ukraine	1 580	1 987	1 951	1 678	1 293	1 700	1 445	1 571	1 203	1 129 e
Uzbekistan	650	736	746	723	643	654	654	646	666	939
C.I.S.	24 826	27 437	25 576	27 452	25 217	26 075	26 975	29 543	28 642	28 275
Canada	5 412	5 697	5 565	5 007	5 757	5 634	5 937	5 895	5 675	5 015 e
Cuba	282	277	322	256	284	244	221	225	230	185
El Salvador	97	72	118	121	124	100	96	99	102	82
Guatemala	294	334	385	395	403	314	294	300	306	243
Mexico	13 044	13 084	12 880	13 251	13 240	13 904	15 203	15 319	14 145	13 888
Trinidad and Tobago	603	628	616	487	591	36				
United States	52 107	52 414	52 641	55 174	49 450	52 587	55 824	58 903	61 171	51 380
North America	71 840	72 506	72 526	74 691	69 849	72 820	77 575	80 742	81 628	70 792

Table 8
(continued) **Production of Crude Steel in Electric Furnaces (Arc and Induction) ***

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Argentina	2 765	2 781	2 654	2 740	2 206	1 787	2 328	2 843	2 529	1 644
Brazil	8 231	8 094	8 570	7 877	6 720	6 810	7 495	7 820	7 272	7 231
Chile	424	485	458	382	339	337	364	356	409	357
Colombia	986	957	913	910	970	1 028	1 033	997	1 109	971
Ecuador	463	425	570	667	720	576	561	583	607	482
Peru	877	981	1 069	1 078	1 082	1 168	1 207	1 217	1 230	731
Uruguay	81	78	91	94	97	61	58	60	62	49
Venezuela	2 980	2 359	2 139	1 485	1 345	553	444	129	51	29
South America	16 807	16 160	16 465	15 233	13 479	12 321	13 490	14 005	13 269	11 494
Algeria								1 900	2 000	3 500 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	5 940	6 100	6 215	5 970	4 930	4 460	6 300	7 305	7 073	8 110 e
Ghana (e)	50	100	150	200	200	200	250	250	250	250 e
Kenya (e)	20	20	20	20	20	20	20	20	20	20 e
Libya	100	315	712	712	352	492	422	396	606	495
Morocco	654	539	558	501	516	520	550	520	500	320 e
Nigeria (e)	100	100	100	100	100	100	100	100	100	100 e
South Africa	3 555	3 034	2 890	2 789	2 510	2 322	2 570	2 428	2 822	1 838
Tunisia	150	150	150	150	50	50	50	50	50	50 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Africa	10 628	10 419	10 855	10 502	8 737	8 223	10 322	13 029	13 481	14 743
Bahrain (e)								720	700	700
Iran	10 901	12 306	13 409	13 607	13 739	15 712	19 000	22 265	23 075	26 500 e
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	150	150	150	150	150	150	150	350	350	350 e
Kuwait (e)								1 300	1 270	1 300
Oman (e)	200	300	500	1 500	2 000	2 000	2 000	2 000	2 000	2 000 e
Qatar	2 038	2 145	2 236	3 019	2 593	2 521	2 644	2 575	2 558	1 218
Saudi Arabia (1)	5 275	5 203	5 471	6 291	5 229	5 461	4 831	8 187	8 191	7 775
Syria (e)	70	10	10	5	5	5	5	5	5	5 e
United Arab Emirates	2 000	2 408	2 878	2 390	3 006	3 149	3 309	3 247	3 327	2 722
Middle East	20 934	22 822	24 954	27 262	27 022	29 298	32 240	40 949	41 775	42 870
Bangladesh (e)	1 900	1 900	1 900	2 800	3 500	3 500	3 500	3 800	5 100	5 500 e
China	70 946	64 796	48 444	54 337	47 457	50 928	80 741	99 038	102 528	97 958 e
India	49 474	52 350	46 391	50 211	50 810	55 253	55 253	60 234	62 678	55 620
Indonesia	3 621	2 254	2 644	2 448	2 134	1 839	2 274	3 174	5 375	9 771
Japan	24 858	24 925	24 915	25 679	24 053	23 262	25 318	26 088	24 301	21 140
South Korea	26 377	25 955	25 768	24 197	21 171	21 055	23 354	24 183	22 696	20 820
Malaysia	5 941	5 612	4 693	4 316	3 285	2 220	2 815	3 600	2 905	2 180 e
Mongolia (e)	35	35	40	45	45	50	50	50	50	50 e
Myanmar (e)	50	50	70	100	150	200	250	300	350	350 e
Pakistan (e)	1 240	1 430	1 680	2 280	2 710	3 553	4 966	4 719	3 304	3 803
Philippines	1 200	1 260	1 308	1 196	968	1 075	1 378	1 475	1 915	892
Singapore	752	688	434	540	501	520	596	618	766	406
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	9 880	9 572	9 799	9 677	8 064	7 782	8 748	9 177	8 367	8 258
Thailand	4 256	3 641	3 613	5 835	5 069	5 400	6 762	6 403	4 246	4 467
Vietnam	4 900	5 298	4 653	4 385	3 381	4 687	6 310	6 000	4 925	4 800
Asia	205 460	199 795	176 382	188 076	173 329	181 355	222 344	248 890	249 537	236 045
Australia	1 254	1 116	1 045	1 034	1 127	1 276	1 224	1 461	1 470	1 427
New Zealand	233	287	289	264	210					
Oceania	1 487	1 403	1 334	1 298	1 337	1 276	1 224	1 461	1 470	1 427
World	456 081	450 575	421 998	437 270	407 308	419 775	480 642	526 572	519 601	491 715

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

(1) - 2010-17 HADEED only. 2018-19 national total.

Table 8
(continued)

Production of Crude Steel in Electric Furnaces (Arc and Induction) *

% total crude steel production

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	9.2	9.1	8.4	8.8	8.7	9.0	8.9	10.3	9.6	10.0
Belgium	34.6	36.4	33.5	32.4	33.7	30.7	31.4	32.2	27.1	31.8
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	8.2	7.3	7.1	6.6	6.8	5.6	5.4	5.0	5.3	4.6
Germany	32.1	32.3	31.6	30.4	29.6	29.9	30.0	29.9	30.0	32.3
Finland	32.2	38.8	37.0	33.2	34.2	32.9	32.5	32.6	33.3	31.9
France	38.8	39.1	35.0	34.1	34.4	33.9	31.2	31.6	30.4	32.5
Greece	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hungary	10.1	3.5	15.7	15.5	10.0	18.3	15.7	16.6	19.9	21.8
Italy	65.6	65.8	71.8	72.5	78.2	75.7	80.3	81.5	82.1	84.7
Latvia	100.0	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	2.5	2.0	2.0	1.8	1.5	1.3				
Poland	49.6	49.4	44.7	40.8	42.2	43.2	44.8	46.9	45.1	49.9
Portugal	100.0	100.0	100.0	100.0	100.0	100.0	99.0	100.0	100.0	100.0
Romania	51.0	48.3	38.7	41.6	32.8	31.9	30.6	38.3	32.3	26.7 e
Slovakia	9.0	8.6	7.5	7.7	7.1	6.3	7.1	8.0	6.1	4.9 e
Slovenia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Spain	75.2	74.9	70.5	70.5	68.3	66.6	66.6	65.7	68.8	72.4
Sweden	34.4	33.4	32.2	31.8	36.6	35.4	37.5	39.2	33.8	33.0
United Kingdom	26.7	21.4	16.4	16.2	17.0	19.4	19.9	22.2	21.2	19.1
European Union (28)	42.6	41.8	39.9	39.0	39.3	39.5	40.4	41.5	41.0	42.4
Albania (e)	100.0	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
Switzerland	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Turkey	74.1	74.0	71.3	69.8	65.0	65.9	69.2	69.1	67.8	69.2
Other Europe	72.4	74.0	71.4	69.6	64.2	64.6	67.4	67.1	65.3	67.5
Azerbaijan (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Belarus	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kazakhstan	22.6	21.0	8.1	4.2	7.4	1.4	1.3	1.5	1.5	1.5 e
Moldova	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Russia	26.9	29.6	29.0	30.6	28.9	30.7	30.9	33.4	32.8	32.1 e
Ukraine	4.5	6.0	6.0	6.2	5.6	7.0	6.7	7.4	5.8	5.5 e
Uzbekistan	88.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C.I.S.	22.0	24.8	23.6	25.9	25.4	25.9	26.9	29.3	28.5	28.2
Canada	42.0	42.2	44.8	39.3	46.2	44.6	44.9	43.9	44.0	45.6 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	72.0	72.4	70.6	70.0	72.7	73.9	76.3	75.8	76.9	82.7
Trinidad and Tobago	100.0	100.0	100.0	100.0	100.0	100.0				
United States	60.3	59.1	60.6	62.6	62.7	67.0	68.4	68.0	69.7	70.6
North America	60.5	59.6	61.0	61.7	63.0	65.8	67.2	66.8	68.2	70.1

Table 8
(continued)

Production of Crude Steel in Electric Furnaces (Arc and Induction) *
% total crude steel production

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Argentina	49.3	55.7	51.2	49.9	43.9	43.3	50.4	55.1	54.5	45.0
Brazil	23.4	23.4	25.1	23.2	20.2	21.5	21.6	22.1	22.3	23.0
Chile	26.3	29.0	34.6	35.4	30.5	29.3	31.4	31.1	36.1	30.8
Colombia	76.6	73.5	73.9	75.4	80.1	80.8	82.5	81.8	83.2	84.5
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	34.9	34.8	35.9	33.8	30.7	30.4	30.6	31.2	31.9	29.7
Algeria								82.6	83.3	87.5 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	91.6	92.0	92.0	92.1	89.5	88.6	91.7	93.6	97.5	98.6 e
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	47.1	43.7	40.4	43.5	39.1	37.8	40.8	38.4	45.9	47.4
Tunisia	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
Africa	67.6	67.6	67.5	69.7	63.0	62.0	68.6	73.1	77.5	84.7
Bahrain (e)								100.0	100.0	100.0
Iran	82.6	85.1	86.9	83.3	85.1	87.8	89.5	90.8	90.1	91.4 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)	100.0	75.0	75.0	60.0	50.0	45.5	45.5	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	90.1	91.2	92.4	90.6	91.4	92.5	93.0	94.8	94.3	94.5
Bangladesh (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
China	10.1	8.9	5.9	6.6	5.9	6.3	9.3	10.7	10.3	9.2 e
India	67.3	67.8	57.1	57.5	57.1	57.9	54.5	55.1	56.3	55.5
Indonesia	100.0	100.0	100.0	56.3	44.0	38.7	43.8	51.3	62.8	75.9
Japan	23.1	23.2	22.5	23.2	22.9	22.2	24.2	25.0	24.5	25.4
South Korea	38.5	37.6	39.0	33.8	30.4	30.7	32.9	33.4	31.8	31.0
Malaysia	100.0	100.0	100.0	100.0	86.8	80.3	87.6	87.6	41.8	32.9
Mongolia (e)	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 e
Pakistan (e)	77.9	87.7	91.1	94.1	93.7	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	49.0	46.3	44.0	41.7	37.7	35.8	39.0	39.5	38.1	39.4
Thailand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vietnam	100.0	100.0	85.0	75.0	59.9	60.0	55.0	38.8	28.2	24.1
Asia	20.6	19.4	15.7	16.4	15.5	16.1	18.4	19.4	18.5	17.0
Australia	19.6	22.8	22.3	22.4	22.9	24.3	23.0	25.7	26.8	26.0
New Zealand	27.6	31.4	32.1	30.8	26.5					
Oceania	20.5	24.2	23.9	23.8	23.4	21.9	20.5	23.0	23.9	23.5
World	29.6	28.8	25.5	26.1	25.1	25.7	27.7	28.8	27.7	26.1

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

(1) - 2010-17 HADEED only. 2018-19 national total.

Table 9**Production of Crude Steel in Open Hearth Furnaces ***

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belarus	14									
Russia	6 700	3 610	2 744	1 981	1 594	1 260	1 690	1 477	1 360	1 400 e
Ukraine	9 250	7 035	6 536	5 563	5 181	5 570	4 575	4 826	4 806	3 911
Uzbekistan	85									
C.I.S.	16 049	10 645	9 281	7 543	6 775	6 830	6 265	6 303	6 166	5 311
India	367	250	135	35						
Asia	367	250	135	35						
World	16 416	10 895	9 416	7 578	6 775	6 830	6 265	6 303	6 166	5 311

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

Table 9
(continued)

Production of Crude Steel in Open Hearth Furnaces *

	% total crude steel production									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belarus	0.5									
Russia	9.7	5.1	4.0	2.8	2.3	1.8	2.4	2.0	1.9	2.0 e
Ukraine	26.2	21.3	19.9	20.5	22.6	23.0	21.4	22.9	23.1	19.0
Uzbekistan	11.6									
C.I.S.	14.2	9.6	8.6	7.1	6.8	6.8	6.3	6.2	6.1	5.3
India	0.5	0.3	0.2	0.0						
Asia	0.0	0.0	0.0	0.0						
World	1.1	0.7	0.6	0.5	0.4	0.4	0.4	0.3	0.3	0.3

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

Table 10

Monthly Crude Steel Production

2020

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	631	642	543	484	528	492	479	553	552	658	572	633	6 765
Belgium	649	591	601	426	495	480	615	552	467	435	450	359	6 119
Bulgaria	50	52	56	30	31	31	36	38	40	46	40	35	484
Croatia										15	17	13	45
Czechia	409	391	403	372	365	299	337	332	375	359	416	408	4 465
Finland	332	324	362	287	235	199	210	227	288	362	336	336	3 498
France	1 297	1 232	903	581	784	836	909	722	963	1 065	1 149	1 155	11 596
Germany	3 139	3 456	3 287	2 557	2 565	2 475	2 423	2 830	3 018	3 417	3 376	3 137	35 680
Greece	111	142	122	100	103	116	136	72	132	151	135	88	1 408
Hungary	110	138	154	152	135	145	127	112	114	123	111	90	1 513
Italy	1 876	2 041	1 370	1 149	1 860	1 815	1 741	941	1 800	2 121	2 053	1 611	20 379
Luxembourg	187	180	90	141	159	150	177	159	173	179	178	113	1 886
Netherlands	598	566	573	494	487	338	496	472	384	551	554	540	6 054
Poland	720	720	658	671	637	638	700	505	599	692	647	669	7 856
Slovenia	59	56	57	48	32	38	42	43	57	59	60	36	585
Spain	982	1 105	1 162	626	802	830	693	666	930	1 133	1 173	895	10 998
Sweden	425	399	427	403	370	333	159	258	389	414	420	410	4 409
United Kingdom	658	576	567	621	572	499	587	561	539	592	692	623	7 086
Other E.U. (28)(e)	740	747	782	599	606	600	666	635	722	830	772	738	8 437
European Union (28)	12 970	13 358	12 116	9 743	10 762	10 315	10 534	9 679	11 542	13 202	13 151	11 889	139 262
Bosnia-Herzegovina	69	70	73	71	42	63	69	42	54	63	68	75	759
Macedonia		24	23	26			26		26	22		33	180
Norway	62	52	64	51	51	57	18	47	61	61	59	41	624
Serbia	135	136	131	109	115	117	115	115	120	124	121	119	1 456
Turkey	3 014	2 851	3 110	2 245	2 272	2 846	3 149	3 268	3 225	3 208	3 220	3 403	35 810
Other Europe	3 280	3 133	3 401	2 501	2 479	3 083	3 376	3 472	3 486	3 477	3 468	3 671	38 829
Belarus	238	223	238	166	213	170	214	221	206	204	196	194	2 482
Kazakhstan	329	267	344	237	247	333	338	335	349	351	352	411	3 892
Moldova	11	46	20	26	19	78	41	40	46	51	43	45	465
Russia	6 285	5 808	6 033	5 649	5 757	5 701	5 876	6 028	5 989	6 030	5 897	6 568	71 621
Ukraine	1 843	1 709	1 765	1 339	1 638	1 809	1 751	1 827	1 651	1 653	1 733	1 906	20 616
Uzbekistan	80	75	84	77	82	77	77	77	78	76	76	80	939
C.I.S.	8 786	8 129	8 484	7 494	7 955	8 168	8 297	8 528	8 319	8 365	8 296	9 204	100 016

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

Table 10
(continued)
Monthly Crude Steel Production
2020

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Canada	1 090	1 127	1 021	804	780	832	823	763	821	912	1 035	978	10 986
Cuba	19	18	18	13	8	8	10	14	15	17	21	24	185
El Salvador	9	9	8	6	4	3	5	6	6	7	9	10	82
Guatemala	27	25	23	18	11	9	14	18	19	22	26	31	243
Mexico	1 503	1 407	1 619	1 331	1 154	1 107	1 258	1 445	1 424	1 546	1 504	1 505	16 803
United States	7 656	7 067	6 995	4 822	4 912	4 947	5 423	5 931	5 976	6 225	6 303	6 476	72 732
North America	10 304	9 654	6 983	6 933	6 869	6 906	7 532	8 178	8 261	8 729	8 898	9 025	101 030
Argentina	298	344	286	107	194	241	325	336	358	382	391	388	3 651
Brazil	2 740	2 772	2 722	1 929	2 256	2 148	2 626	2 759	2 645	2 854	3 018	2 944	31 415
Chile	97	94	112	99	94	65	87	97	101	106	109	98	1 157
Colombia	104	108	100	33	65	82	108	113	103	96	121	115	1 149
Ecuador	53	54	47	36	23	21	29	37	37	42	49	56	482
Paraguay	2	1	2	1	1	1	1	2	2	3	3	5	23
Peru	102	89	85	3	2	14	20	31	47	71	108	164	731
Uruguay	7	3	5	3	2	2	2	4	4	5	6	7	49
Venezuela	2	6	3	2	2	1	2	2	2	2	2	2	29
South America	3 405	3 472	3 361	2 212	2 636	2 575	3 201	3 381	3 298	3 560	3 807	3 779	38 687
Egypt	771	774	682	664	628	662	534	577	601	670	672	994	8 229
Libya	60	67	23		47	58	15	30	1	50	70	73	495
South Africa	439 e	476 e	482 e	3 e	141 e	277 e	387 e	361 e	313 e	380 e	326 e	292 e	3 877
Africa	1 270	1 317	1 187	667	815	997	937	968	915	1 100	1 068	1 359	12 600
Iran	2 405	2 064	2 304	2 321	2 368	2 425	2 339	2 337	2 572	2 586	2 847	2 423	28 990
Qatar	230	179	163	49	63	80	78	83	80	48	81	85	1 218
Saudi Arabia	651	672	691	589	545	541	691	673	608	854	821	440	7 775
United Arab Emirates	303	289	264	115	164	219	229	195	233	192	239	280	2 722
Middle East	3 590	3 203	3 422	3 075	3 139	3 264	3 337	3 288	3 492	3 679	3 988	3 228	40 705
China	80 081	74 915	78 942	86 288	93 293	92 493	94 749	95 925	93 577	93 325	87 660	91 252	1 064 767
India	9 307	9 439	8 094	3 292	6 262	7 709	8 693	9 104	8 902	9 562	9 609	10 286	100 256
Japan	8 244	7 919	7 950	6 573	5 921	5 616	6 044	6 447	6 484	7 198	7 262	7 528	83 186
South Korea	5 740	5 417	5 784	5 079	5 384	5 089	5 530	5 773	5 748	5 860	5 765	5 910	67 079
Pakistan	345	340	281	81	200	282	355	350	365	383	381	440	3 803
Taiwan, China	1 795	1 768	1 957	1 756	1 762	1 686	1 707	1 599	1 577	1 673	1 770	1 908	20 959
Thailand	413	376	360	310	300	321	342	345	388	465	406	441	4 467
Vietnam	1 327	1 563	1 687	1 459	1 642	1 541	1 587	1 768	1 803	1 767	1 815	1 942	19 900
Asia	107 252	101 736	105 055	104 838	114 764	114 737	119 006	121 310	118 844	120 232	114 669	119 706	1 364 418
Australia	440	464	428	429	471	470	478	477	391	518	450	473	5 490
New Zealand	55	39	38	2	59	59	55	66	52	59	42	59	586
Oceania	495	504	466	430	530	528	534	544	443	578	492	533	6 076
Total 64 countries*	151 352	144 505	147 176	137 952	149 950	150 573	156 753	159 349	158 599	162 921	157 837	162 395	1 841 622

* - Approximately 97.9% of total world production.

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

Table 11

Production of Hot Rolled Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	6 875	6 900	7 377	7 148	7 601	7 594	7 999	7 495	7 244	6 197
Belgium	10 012	8 917	8 293	8 392	8 938	8 735	9 292	9 718	9 548	7 580 e
Bulgaria	1 115	818	875	935	840	921	911	1 131	968	931
Croatia	69	15	16	17	16	17	15	13	12	10
Czechia	4 616	4 276	4 416	4 375	4 459	4 657	4 053	4 458	4 003	4 118
Germany	39 286	37 843	37 687	37 713	37 562	37 602	38 752	37 855	35 377	31 679
France	3 949	14 101	15 266	15 965	15 336	14 653	15 368	14 997	13 701	11 111
Hungary	1 765	1 928	1 936	1 823	1 714	1 593	1 972	2 086	1 861	1 467
Italy	27 977	26 928	24 079	23 723	22 403	23 953	24 299	24 799	24 206	21 023
Luxembourg	2 220	2 136	2 015	2 124	2 034	2 056	2 055	2 166	2 021	1 816
Netherlands	6 417	6 434	6 380	6 668	6 825	6 477	6 601	6 984	6 272	5 830
Poland	7 844	7 789	7 514	7 650	7 953	8 229	9 039	9 105	8 034	7 344
Spain	15 254	13 420	13 174	13 799	13 999	13 375	13 948	14 010	13 375	11 045
United Kingdom	7 993	7 054	8 053	8 148	7 988	6 680	6 330	6 529	6 496	6 233
European Union (28)(1)	166 385	157 256	154 857	156 831	154 511	153 842	158 138	159 088	149 293	132 399
E.U. (2)	161 546	152 675	150 519	152 399	151 026	150 451	154 158	155 076	145 706	129 897
Albania (e)	295	355	480	435	475	100				
Bosnia-Herzegovina	548	565	592	605	650	690	690	685	704	690
Macedonia (e)	530	300	127	300	170	310	320	350	360	290 e
Montenegro (e)	125	110	65	135	140	100	100	100	50	20 e
Norway (e)	450	465	450	475	480	500	460	465	465	480 e
Serbia	1 180	140	110	290	720	1 050	1 310	1 690	1 690	1 320 e
Turkey	31 943	34 286	36 405	36 093	36 939	36 882	39 154	38 696	33 721	36 815
Other Europe	35 071	36 221	38 229	38 334	39 574	39 631	42 034	41 986	36 990	39 615
Belarus	1 685	1 898	1 818	1 855	1 878	1 878	1 891	2 009	1 962	1 731
Kazakhstan	3 355	2 689	2 803	3 173	3 474	3 669	4 261	3 818	3 306	3 740
Moldova	307	360	180	333	421	120	446	472	400	450 e
Russia	45 351	46 653	46 966	48 653	48 106	48 079	48 640	49 201	49 930	50 181
Ukraine	19 807	18 577	17 594	14 942	12 370	13 147	12 781	13 052	12 686	10 688
Uzbekistan	720	725	735	785	850	860	990	1 070	1 120	1 300 e
C.I.S.	71 224	70 902	70 096	69 741	67 099	67 753	69 009	69 622	69 404	68 090
Canada	12 080	12 321	12 192	11 984	11 954	11 977	11 860	13 718	14 500	11 140 e
Costa Rica	308	372	447	460	474	382	378	393	409	290
Cuba	118	126	150	105	126	130	114	117	119	88
Dominican Republic	272	395	406	516	425	481	471	523	580	442
El Salvador	97	78	81	83	85	97	90	92	95	73
Guatemala	376	449	557	574	591	474	454	463	473	367
Mexico	15 793	16 269	16 357	17 742	17 573	18 697	18 694	18 872	17 292	15 815
Trinidad and Tobago	427	398	297	300	413	25				
United States	83 339	87 043	86 567	89 130	78 514	78 502	82 466	86 436	87 251	73 482
North America	112 811	117 452	117 053	120 894	110 156	110 764	114 527	120 614	120 719	101 696
Argentina	5 386	4 952	5 144	5 021	4 572	3 984	4 595	4 763	4 265	3 469
Brazil	25 240	25 696	31 896	31 908	31 788	30 555	32 670	33 613	31 305	29 657
Chile	1 514	1 594	1 289	1 017	1 035	1 081	1 062	1 122	1 117	1 069
Colombia	1 780	1 726	1 651	1 795	1 860	1 772	1 895	1 647	1 689	1 425
Ecuador	489	559	691	707	761	696	710	738	768	584
Paraguay	27	22	23	23	24	19	21	22	23	15
Peru	913	1 205	1 358	1 434	1 335	1 417	1 517	1 430	1 471	850
Uruguay	72	74	76	79	81	75	66	68	70	53
Venezuela	2 658	2 065	1 948	1 357	1 261	530	404	131	114	85
South America	38 077	37 893	44 075	43 341	42 717	40 129	42 941	43 536	40 822	37 206

(1) - includes data not shown above.

(2) - excluding seamless tubes.

Table 11
(continued)

Production of Hot Rolled Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Algeria (e)	470	470	400	520	1 050	1 100	1 950	2 850	2 800	4 060 e
Egypt	6 588	7 265	7 438	8 137	7 676	8 001	8 059	9 598	8 422	8 253
Libya (e)	65	300	670	680	330	470	400	380	580	480 e
Morocco (e)	1 090	855	1 035	970	1 360	1 580	1 020	890	1 370	1 130 e
South Africa (e)	5 850	5 400	5 800	5 583	5 700	5 450	5 600	5 650	4 000	3 480 e
Tunisia (e)	395	370	440	440	490	400	570	620	420	510 e
Africa	14 458	14 660	15 783	16 330	16 606	17 001	17 599	19 988	17 592	17 913
Iran	16 813	17 261	16 656	16 482	15 133	15 473	15 920	17 212	18 430	19 790
Qatar	1 580	1 650	1 696	1 709	1 784	1 894	1 745	1 847	1 862	969
Saudi Arabia (e)	4 650	4 600	4 900	5 000	5 500	5 000	4 500	7 350	7 550	7 700 e
United Arab Emirates	1 950	2 156	2 549	2 765	2 959	3 126	3 246	3 167	3 029	2 275
Middle East	24 993	25 666	25 801	25 956	25 376	25 494	25 410	29 575	30 871	30 734
China (3)	885 195	950 641	1 086 926	1 125 131	1 034 684	1 048 135	1 046 421	1 132 873	1 204 569	1 324 892
China (4)	708 455	760 101	859 521	872 637	849 485	813 956	796 157	877 314	951 549	1 037 827 e
India (5)	74 521	80 198	85 277	92 470	89 927	99 312	119 892	100 574	104 062	92 231
Indonesia	5 448	5 418	5 116	6 475	6 168	6 552	7 866	10 045	10 939	13 141
Japan	94 832	94 807	96 965	97 882	93 020	92 636	92 441	92 440	87 714	73 765
South Korea	66 473	66 317	64 541	68 905	67 756	67 131	69 557	69 785	68 273	65 752
Malaysia	5 111	4 954	4 980	4 759	4 226	3 782	3 772	3 801	5 304	5 662
Philippines	2 420	2 653	3 020	3 273	4 013	4 346	4 300	4 864	4 727	3 658
Singapore	750	705	429	540	501	528	596	584	546	434
Taiwan, China	24 578	24 277	24 219	25 472	25 019	26 639	27 664	28 513	26 532	26 552
Thailand	6 936	6 721	7 070	8 710	3 841	9 542	9 318	9 032	7 799	7 156
Vietnam	5 470	5 049	5 123	5 657	7 199	8 657	11 302	14 532	15 401	16 419
Asia	994 994	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
Australia	6 082	5 381	4 400	4 092	4 307	4 693	4 606	5 146	4 961	4 915
New Zealand (e)	800	855	845	805	740	545	620	615	630	550 e
Oceania	6 882	6 236	5 245	4 897	5 047	5 238	5 226	5 761	5 591	5 465
World	1 460 057	1 512 905	1 623 062	1 658 670	1 608 754	1 589 542	1 613 769	1 697 640	1 750 538	1 773 212

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

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

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

Table 12

Production of Hot Rolled Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	1 413	1 406	1 487	1 410	1 596	1 552	1 614	1 617	1 482	1 334
Belgium	962	872	796	792	798	594	665	732	557	370 e
Bulgaria	814	543	681	662	627	739	647	858	726	731
Croatia	69	15	16	17	16	17	15	13	12	10
Czechia	2 978	2 964	3 064	3 064	3 164	3 264	2 920	3 141	2 897	2 837
Germany	12 742	12 825	12 783	12 414	12 724	12 382	12 967	12 636	11 830	10 670 e
France	1 058	4 307	4 447	4 616	4 426	4 133	4 102	4 024	3 668	3 111
Hungary	101	48	133	167	134	223	285	316	333	318
Italy	12 888	11 815	11 454	11 311	11 194	11 649	11 916	12 403	12 354	11 166
Luxembourg	2 220	2 136	2 015	2 124	2 034	2 056	2 055	2 166	2 021	1 816
Netherlands	204	165	170	178	163	165	169	168	128	133
Poland	5 042	4 689	4 457	4 708	4 943	5 254	5 462	5 428	5 174	4 898
Spain	10 170	9 365	8 613	8 924	9 052	8 742	8 789	8 904	8 789	7 548
United Kingdom	3 341	3 000	3 040	3 096	3 270	2 937	2 523	2 743	2 785	2 627
European Union (28)(1)	64 452	60 083	57 683	58 019	58 561	58 170	58 604	59 808	56 913	51 571
Albania (e)	295	355	480	435	475	100				
Bosnia-Herzegovina	548	565	592	605	650	690	690	685	704	690
Montenegro (e)	125	110	65	135	140	100	100	100	50	20 e
Norway (e)	450	465	450	475	480	500	460	465	465	480 e
Turkey	22 868	25 247	26 536	25 717	26 550	26 012	26 193	25 134	20 233	22 959
Other Europe	24 286	26 742	28 123	27 368	28 295	27 402	27 443	26 384	21 452	24 149
Belarus	1 567	1 774	1 689	1 734	1 766	1 794	1 752	1 873	1 847	1 651
Kazakhstan	87	290	352	558	750	670	843	823	908	928
Moldova	307	360	180	333	421	120	446	472	400	450 e
Russia	16 842	17 435	17 725	18 387	17 106	17 567	17 285	17 642	18 666	19 136
Ukraine	8 169	8 204	7 953	6 449	5 640	5 918	5 529	5 301	5 209	3 758
Uzbekistan	720	725	735	785	850	860	990	1 070	1 120	1 300 e
C.I.S.	27 691	28 787	28 634	28 246	26 533	26 929	26 845	27 181	28 150	27 223
Canada	2 453	2 870	2 463	1 808	2 864	2 988	2 771	3 111	3 300	2 770 e
Costa Rica	308	372	447	460	474	382	378	393	409	290
Cuba	118	126	150	105	126	130	114	117	119	88
Dominican Republic	272	395	406	516	425	436	417	462	513	391
El Salvador	97	78	81	83	85	97	90	92	95	73
Guatemala	376	449	557	574	591	474	454	463	473	367
Mexico	7 415	7 763	7 745	8 084	8 301	8 742	8 731	8 697	8 377	8 593
Trinidad and Tobago	427	398	297	300	413	25				
United States	21 358	23 306	23 188	24 150	21 489	20 978	21 391	23 955	26 142	20 300
North America	32 824	35 757	35 334	36 079	34 769	34 251	34 347	37 290	39 428	32 870
Argentina	1 795	1 755	1 841	1 725	1 656	1 333	1 601	1 804	1 600	1 228
Brazil	10 491	10 207	11 639	10 514	10 030	9 996	9 808	9 988	9 675	9 503
Chile	1 080	1 186	1 100	1 017	1 035	1 081	1 062	1 122	1 117	1 069
Colombia	1 351	1 291	1 297	1 394	1 420	1 326	1 414	1 248	1 335	1 159
Ecuador	489	559	691	707	761	696	710	738	768	584
Paraguay	27	22	23	23	24	19	21	22	23	15
Peru	885	1 152	1 304	1 393	1 291	1 360	1 462	1 373	1 415	818
Uruguay	72	74	76	79	81	75	66	68	70	53
Venezuela	1 220	1 108	1 030	726	504	305	158	128	114	85
South America	17 411	17 353	19 001	17 579	16 803	16 190	16 302	16 492	16 118	14 513
Algeria (e)	200	200	160	220	450	550	700	850	850	1 300 e
Egypt	5 426	6 229	6 372	7 288	6 986	6 975	6 882	8 161	7 258	6 893
Libya (e)	40	220	440	460	220	360	260	240	440	400 e
Morocco (e)	1 090	855	1 035	970	1 360	1 580	1 020	890	1 370	1 130 e
South Africa (e)	2 360	2 200	2 300	2 200	2 300	2 200	2 250	2 250	1 600	1 390 e
Tunisia (e)	395	370	440	440	490	400	570	620	420	510 e
Africa	9 511	10 074	10 747	11 578	11 806	12 065	11 682	13 011	11 938	11 623

(1) - includes data not shown above.

Table 12
(continued)

Production of Hot Rolled Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iran	8 988	8 785	8 406	8 206	7 261	7 662	8 104	9 162	10 269	11 221
Qatar	1 580	1 650	1 696	1 709	1 784	1 894	1 745	1 847	1 862	969
Saudi Arabia (e)	2 750	2 700	2 900	3 000	3 500	3 000	2 500	5 050	5 150	5 200 e
United Arab Emirates	1 950	2 156	2 549	2 765	2 959	3 126	3 246	3 167	3 029	2 275
Middle East	15 268	15 291	15 552	15 680	15 503	15 682	15 595	19 226	20 310	19 665
China	417 284	458 400	517 973	523 880	498 648	457 407	449 114	511 464	556 584	602 400 e
India (2)	31 452	35 179	38 255	43 581	44 330	46 204	47 298	52 530	54 482	45 467
Indonesia	2 819	2 716	2 718	2 885	3 196	3 031	3 592	4 672	5 082	6 372
Japan	29 309	28 924	30 301	30 428	28 842	28 243	29 023	29 317	27 447	23 087
South Korea	19 658	19 767	20 060	20 318	20 228	20 383	21 644	21 803	20 546	20 111
Malaysia	3 591	3 769	3 730	3 892	3 340	3 484	3 565	3 596	5 071	5 540
Philippines	2 420	2 653	3 020	3 273	4 013	4 346	4 300	4 864	4 727	3 658
Singapore	750	705	429	540	501	528	596	584	546	434
Taiwan, China	11 423	10 535	10 628	11 157	10 347	9 754	9 611	10 321	9 806	10 324
Thailand	3 653	3 763	4 093	5 585	1 133	6 593	6 101	5 658	5 043	4 555
Vietnam	5 470	5 049	5 123	5 657	7 199	8 657	9 924	11 093	11 271	11 966
Asia	527 829	571 460	636 329	651 195	621 778	588 631	584 768	655 903	700 604	733 914
Australia	2 023	2 017	1 850	1 679	1 679	1 954	1 603	2 069	1 978	1 964
New Zealand (e)	116	143	144	132	120	120	120	120	120	110 e
Oceania	2 139	2 160	1 994	1 811	1 799	2 074	1 723	2 189	2 098	2 074
World	721 412	767 706	833 397	847 555	815 848	781 395	777 309	857 484	897 012	917 603

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

Table 13

Production of Hot Rolled Flat Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	4 967	5 026	5 422	5 270	5 623	5 680	5 888	5 383	5 272	4 862
Belgium	9 050	8 044	7 498	7 600	8 140	8 141	8 626	8 986	8 991	7 200 e
Bulgaria	301	275	194	273	213	182	264	273	242	200
Czechia	1 254	945	996	914	985	1 118	870	1 016	879	1 044
Germany	25 191	23 670	23 598	24 035	23 827	24 175	24 572	23 948	22 460	20 250 e
France	2 221	9 222	10 269	10 848	10 568	10 186	11 001	10 714	9 760	7 817
Hungary	1 664	1 880	1 803	1 656	1 580	1 370	1 687	1 770	1 528	1 149
Italy	14 418	14 494	12 099	11 839	10 828	11 863	11 873	11 828	11 288	9 457
Netherlands	6 197	6 253	6 200	6 478	6 651	6 300	6 421	6 803	6 129	5 688
Poland	2 635	2 929	2 908	2 805	2 888	2 859	3 448	3 541	2 755	2 346
Spain	4 805	3 801	4 341	4 605	4 728	4 438	4 800	4 873	4 391	3 352
United Kingdom	4 652	4 054	5 013	5 052	4 718	3 743	3 806	3 787	3 711	3 606
European Union (28)(1)	97 095	92 592	92 835	94 380	92 465	92 280	95 554	95 268	88 793	78 326
Turkey	9 075	9 039	9 869	10 376	10 389	10 869	12 961	13 562	13 488	13 856
Other Europe	9 075	9 039	9 869	10 376	10 389	10 869	12 961	13 562	13 488	13 856
Kazakhstan	3 119	2 299	2 295	2 439	2 541	2 806	3 159	2 705	2 103	2 604
Russia	25 591	26 066	26 140	26 898	27 590	27 274	27 763	27 876	27 756	28 006
Ukraine	10 762	9 486	8 929	7 868	6 314	6 845	6 716	7 154	6 950	6 530
C.I.S.	39 473	37 851	37 364	37 205	36 445	36 925	37 638	37 735	36 809	37 140
Canada	8 614	8 901	9 078	9 882	8 983	8 935	8 996	10 507	11 100	8 270 e
Mexico	7 602	7 617	7 627	8 594	8 533	9 154	9 023	9 200	8 083	6 639
United States	58 949	60 614	60 119	61 447	55 259	55 859	58 389	59 673	58 768	51 803
North America	75 165	77 133	76 825	79 923	72 775	73 948	76 408	79 381	77 952	66 711
Argentina	2 742	2 349	2 611	2 546	2 370	2 274	2 374	2 271	2 033	1 974
Brazil	14 265	14 897	19 627	20 737	21 370	20 168	22 306	23 018	20 975	19 655
Chile	433	408	189	0						
Colombia	429	435	354	401	440	447	482	399	354	266
Peru	28	53	54	40	44	57	55	57	56	32
Venezuela	1 438	957	918	630	756	225	246	3	...	...
South America	19 334	19 099	23 753	24 355	24 981	23 171	25 462	25 749	23 417	21 927
Egypt	1 162	1 036	1 066	849	689	1 026	1 177	1 436	1 163	1 360
Libya (e)	25	80	230	220	110	110	140	140	140	80 e
South Africa (e)	3 490	3 200	3 500	3 380	3 400	3 250	3 350	3 400	2 400	2 090 e
Africa	4 677	4 316	4 796	4 449	4 199	4 386	4 667	4 976	3 703	3 530
Iran	7 824	8 476	8 250	8 276	7 872	7 811	7 815	8 050	8 161	8 569
Saudi Arabia (e)	1 900	1 900	2 000	2 000	2 000	2 000	2 000	2 300	2 400	2 500 e
Middle East	9 724	10 376	10 250	10 276	9 872	9 811	9 815	10 350	10 561	11 069
China	267 421	277 619	311 564	317 387	322 260	329 796	325 971	341 021	366 981	407 550 e
India (2)	32 769	39 676	47 023	48 889	45 596	53 109	72 594	44 337	49 580	46 764
Indonesia	2 629	2 701	2 398	3 590	2 972	3 521	4 274	5 339	5 807	6 545
Japan	64 188	63 759	64 638	65 395	62 690	62 984	61 858	61 450	58 679	49 566
South Korea	46 815	46 551	44 482	48 587	47 528	46 748	47 914	47 982	47 727	45 641
Malaysia	1 520	1 185	1 250	867	887	297	207	205	233	122
Taiwan, China	13 154	13 742	13 591	14 315	14 671	16 884	18 052	18 193	16 726	16 227
Thailand	3 283	2 958	2 978	3 124	2 708	2 949	3 216	3 374	2 756	2 601
Vietnam	...	...	...	...	...	...	1 378	3 439	4 130	4 453
Asia	431 780	448 192	487 922	502 154	499 312	516 288	535 465	525 339	552 618	579 469
Australia	4 059	3 364	2 549	2 413	2 628	2 739	3 003	3 077	2 982	2 951
New Zealand (e)	680	710	700	675	620	425	500	495	510	440 e
Oceania	4 739	4 074	3 249	3 088	3 248	3 164	3 503	3 572	3 492	3 391
World	691 062	702 673	746 864	766 206	753 685	770 843	801 473	795 931	810 833	815 419

(1) - includes data not shown above.

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

Table 14

Production of Railway Track Material

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	493	541	541	502	606	552	543	559	536	537
Czechia	290	287	290	314	306	240	202	284	268	251
Germany	145	264	268	7	11	8	6	6	...	...
France	270	256	290	338	373	330	319	295	288	212
Italy	298	...	...	...	...	...	...	...	...	...
Luxembourg	47	44	44	47	48	50	51	45	50	41
Poland	278	158	171	309	357	349	379	397	319	324
Spain	175	178	217	276	290	180	228	252	272	256
United Kingdom	192	176	214	245	279	195	153	170	...	...
European Union (28)(1)	2 166	2 161	2 297	2 235	2 464	2 064	1 987	2 104	2 093	...
Russia	924	693	882	858	789	1 237	1 289	1 203	1 256	1 292
Ukraine	299	349	315	109	41	73	80	74	51	75
C.I.S.	1 223	1 042	1 197	967	830	1 310	1 369	1 277	1 307	1 367
Canada	...	399	...	...	...	...	...	...	...	...
United States	1 034	1 010	1 087	1 178	1 171	851	993	1 074	1 173	1 016
North America	1 034	1 409	1 087	1 178	1 171	851	993	1 074	1 173	1 016
China	4 429	5 161	6 053	5 654	4 838	4 576	4 775	4 865	5 199	4 617
India	902	993	891	850	874	1 021	1 257	1 379	1 773	1 623
Japan	553	527	617	837	813	761	647	646	714	516
South Korea	97	66	67	65	70	72	65	52	74	86
Taiwan, China	5	6	5	5	4	3	4	4	3	6
Asia	5 986	6 753	7 633	7 412	6 599	6 433	6 747	6 945	7 764	6 848
Australia	223	166	108	89	89	89	...	100	80	90
Oceania	223	166	108	89	89	89	...	100	80	90
World	10 632	11 530	12 322	11 880	11 153	10 746	11 096	11 500	12 418	9 320

(1) - includes data not shown above.

Table 15

Production of Heavy Sections (≥80mm)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	57	...	...	...	...	...	...	...	...	...
Czechia	360	283	275	330	341	368	292	303	288	263
Germany	2 082	2 332	2 115	2 087	1 998	1 939	1 966	2 022	...	...
Italy	912	883	836	796	705	786	708	742	696	598
Luxembourg	1 853	2 007	1 882	1 984	1 909	1 932	1 895	2 000	1 903	1 706
Poland	1 371	1 431	1 243	1 250	1 267	1 360	1 384	1 421	1 306	1 205
Spain	2 950	2 605	2 477	2 272	2 556	2 626	2 753	2 729	2 661	2 311
United Kingdom	501	451	487	546	676	852	736	752	...	...
European Union (28)(1)	10 206	10 182	9 491	9 531	9 739	10 210	10 115	10 150	9 561	...
Kazakhstan	...	...	...	...	...	...	6	8	14	8
Russia	1 736	1 774	1 693	1 739	1 601	1 589	1 522	1 463	1 662	1 669
Ukraine	987	944	983	731	605	596	521	569	489	333
C.I.S.	2 723	2 718	2 676	2 470	2 206	2 185	2 049	2 040	2 165	2 010
Canada	183	199	263	183	192	207	205	...	...	...
Mexico	370	465	455	583	652	866	872	905	841	844
United States	5 184	5 031	5 577	5 571	5 299	5 717	5 434	6 079	6 238	5 306
North America	5 737	5 695	6 295	6 337	6 143	6 790	6 511	6 984	7 078	6 150
Argentina	25	53	50	49	113	...	...	...	...	...
Brazil	735	788	819	715	635	...	...	...	...	...
Colombia	4	1	3	2	1	...	...	...	...	...
Peru	6	4	3	...	3	...	...	...	...	...
Venezuela	66	71	69	45	...	...	...	...	...	...
South America	836	917	944	811	753	...	...	...	...	...
Iran	2 223	2 087	1 948	1 788	1 286	974	966	1 078	1 144	1 265
Middle East	2 223	2 087	1 948	1 788	1 286	974	966	1 078	1 144	1 265
China	11 099	11 630	13 242	13 495	14 357	15 494	14 003	13 953	15 869	18 557
India	4 757	5 091	6 604	7 157	7 558	7 818	7 470	8 312	7 707	6 488
Japan	5 474	5 771	6 265	6 073	5 782	5 643	5 760	5 875	5 387	4 905
South Korea	4 255	4 380	4 248	4 218	4 140	4 045	4 165	4 320	4 191	3 990
Asia	25 585	26 872	30 359	30 943	31 837	33 000	31 399	32 460	33 154	33 940
World	47 311	48 472	51 713	51 880	51 964	53 159	51 039	52 712	53 102	43 365

(1) - includes data not shown above.

Table 16

Production of Light Sections (<80mm)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Czechia	115	132	143	148	159	133	91	121	93	68
Germany	373	120	122	127	130	110	100	...	...	...
European Union (28)	488	252	265	275	289	243	191	121	93	68
Kazakhstan	...	4	20	...	...	...	5	8	14	8
Russia	1 642	1 601	1 550	1 484	1 172	1 207	1 239	1 300	1 278	1 183
Ukraine	902	1 022	778	560	500	435	470	268	205	171
C.I.S.	2 544	2 626	2 348	2 044	1 672	1 642	1 714	1 576	1 497	1 362
Canada	153	144	121	131	129	144	136	...	...	...
Mexico	367	333	393	412	498	456	511	413	493	454
United States	1 872	2 125	1 765	1 870	1 767	1 835	1 815	1 820	2 057	1 411
North America	2 392	2 602	2 279	2 414	2 395	2 435	2 462	2 232	2 549	1 865
Argentina	295	180	191	184	144	...	...	...	...	...
Brazil	439	421	402	412	340	...	...	...	...	...
Chile	74	81	...	70	71	...	...	...	...	...
Colombia	110	89	72	85	74	...	...	...	...	...
Ecuador	38	43	53	54	58	...	...	...	...	...
Peru	44	81	100	85	99	...	...	...	...	...
Uruguay	3	3	...	...	...	...	...	...	...	...
Venezuela	32	37	36	27	...	...	...	...	...	...
South America	1 034	935	854	917	786	...	...	...	...	...
Iran	721	864	664	663	664	345	787	779	801	732
Middle East	721	864	664	663	664	345	787	779	801	732
China	41 407	42 710	56 935	56 200	56 604	47 746	42 674	49 705	48 622	52 892
Japan	1 078	1 064	1 112	1 128	1 060	1 008	1 058	1 021	959	835
South Korea	442	389	361	381	296	275	227	325	316	320
Asia	42 927	44 163	58 408	57 709	57 960	49 029	43 958	51 050	49 897	54 048
World	50 106	51 442	64 817	64 022	63 765	53 693	49 113	55 759	54 837	58 075

Table 17

Production of Concrete Reinforcing Bars

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	298	305	319	289	294	290	274	271	250	246
Bulgaria	383	490	589	584	545	721	709	980	687	701
Croatia	69	15	16	17	24	...	15	13	12	10
Czechia	189	173	130	134	144	178	92	111	154	172
Germany	1 771	1 934	1 945	1 868	1 996	1 889	1 873	1 636	...	...
France	852	942	850	884	882	846	842	801	743	633
Hungary	96	47	133	167	131	222	285	316	333	318
Italy	3 571	3 511	3 268	3 223	3 048	3 179	2 834	2 837	3 024	2 677
Luxembourg	215	24	32	25	4	...	...	...	...	...
Poland	1 623	1 368	1 358	1 384	1 389	1 626	1 777	1 731	1 815	1 652
Spain	2 355	2 220	1 928	1 988	1 841	1 677	1 425	1 405	1 510	1 316
United Kingdom	346	354	300	312	308	379	326	295	...	...
European Union (28)(1)	15 037	14 644	13 171	13 020	12 762	13 231	12 521	12 616	12 769	...
Albania	295	320	350	...	...	...	...	...	...	...
Bosnia-Herzegovina	227	234	259	268	297	310	277	294	299	294
Other Europe	522	554	609	268	297	310	277	294	299	294
Belarus	1 037	1 060	1 015	1 018	958	874	663	821	880	803
Kazakhstan	87	286	332	558	750	566	691	634	727	753
Russia	6 313	7 251	7 915	9 058	8 452	7 672	7 247	7 344	8 443	8 871
Ukraine	2 938	3 270	3 639	3 193	2 778	2 990	2 842	2 824	2 725	1 774
C.I.S.	10 374	11 868	12 901	13 826	12 938	12 102	11 443	11 623	12 775	12 201
Canada	487	554	560	410	532	553	446	...	...	...
Costa Rica	308	372	447	460	474	382	378	393	409	...
Cuba	118	126	150	105	126	130	114	117	119	...
Dominican Republic	252	395	406	516	425	385	471	523	580	...
El Salvador	97	78	81	83	85	97	90	92	95	...
Guatemala	345	420	557	574	591	474	454	463	473	...
Mexico	3 422	3 608	3 735	3 770	4 061	4 149	3 930	4 099	3 883	3 905
United States	5 060	5 653	6 556	6 997	5 837	6 024	6 389	7 093	7 740	6 325
North America	10 090	11 207	12 492	12 915	12 132	12 194	12 272	12 780	13 300	10 230
Argentina	1 005	787	806	589	565	...	...	...	...	...
Brazil	4 376	4 461	4 493	4 252	3 697	3 398	3 144	3 430	3 323	3 577
Chile	563	618	585	530	540	...	...	...	...	...
Colombia	1 045	1 016	987	1 092	1 146	...	...	...	...	...
Ecuador	399	479	593	607	653	682	710	738	768	...
Paraguay	19	16	23	23	24	19	21	22	23	...
Peru	555	475	603	786	597	...	...	...	...	...
Uruguay	47	48	76	79	81	75	66	68	70	...
Venezuela	619	628	609	408	400	...	...	...	...	...
South America	8 629	8 528	8 775	8 367	7 703	4 174	3 942	4 259	4 184	3 577
Egypt	4 556	5 116	5 153	6 258	6 114	6 239	5 962	7 022	6 391	6 049
Africa	4 556	5 116	5 153	6 258	6 114	6 239	5 962	7 022	6 391	6 049
Iran	6 044	5 834	5 794	...	5 311	6 343	6 351	7 305	8 324	9 225
Qatar	...	1 650	1 696	1 709	1 784	1 894	1 745	1 847	1 862	969
United Arab Emirates	...	1 586	1 662	1 833	1 988	2 068	2 179	2 070	1 965	1 313
Middle East	6 044	9 070	9 153	3 542	9 083	10 305	10 275	11 222	12 151	11 507
China	166 404	192 414	212 271	215 278	204 306	190 514	191 579	222 267	249 716	266 391
South Korea	8 810	9 077	9 151	9 367	9 800	10 341	11 296	10 621	9 936	9 403
Asia	175 214	201 491	221 422	224 644	214 106	200 854	202 875	232 887	259 652	275 795
World	230 466	262 478	283 675	282 841	275 134	259 409	259 567	292 704	321 521	319 652

(1) - includes data not shown above.

Table 18

Production of Hot Rolled Bars (other than Concrete Reinforcing Bars)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria (1)	113	119	124	129	144	145	220	228	190	157
Belgium (1)	27	...	...	...	...	...	...	...	...	...
Bulgaria	111	77	74	110	57	...	49	73	46	28
Czechia	793	762	770	772	706	744	719	730	587	546
Germany	2 077	2 152	2 328	2 440	2 368	2 433	2 443	...	...	...
France (1)	1 320	1 165	1 243	1 330	1 197	1 102	1 139	1 056	959	823
Italy (1)	4 215	3 477	3 501	3 548	3 428	3 403	3 806	3 936	3 433	3 097
Luxembourg (1)	105	61	57	68	73	75	71	121	68	69
Poland (1)	598	600	631	704	772	716	718	731	668	584
Spain (1)	1 738	1 548	1 559	1 653	1 699	1 644	1 548	1 583	1 401	1 159
United Kingdom (1)	1 224	1 040	1 023	1 026	940	633	604	710	...	...
European Union (28)(1)(2)	14 590	12 443	12 586	13 074	12 754	12 277	12 797	13 052	11 567	...
Belarus	...	154	131	153	142	232	231	217	183	230
Russia	3 550	3 354	2 970	2 595	2 481	3 012	2 917	3 203	3 111	2 939
Ukraine	865	714	459	329	291	285	274	250	224	245
C.I.S.	4 415	4 222	3 560	3 077	2 914	3 529	3 422	3 670	3 518	3 414
Canada (3)	970	914	875	703	1 102	1 074	1 030	...	...	...
Guatemala	30	30	...	...	...	...	...	...	...	...
Mexico	691	847	788	915	746	714	873	831	741	654
United States (3)	4 511	5 193	4 385	4 830	4 177	3 733	3 674	4 244	4 560	3 212
North America	6 202	6 984	6 048	6 449	6 025	5 521	5 578	5 074	5 301	3 865
Argentina	330	172	254	372	292	...	...	...	...	...
Brazil	1 814	1 585	1 694	1 511	1 250	1 124	1 217	1 293	1 137	977
Chile	275	301	403	258	263	...	...	...	...	...
Colombia	27	22	51	42	43	...	...	...	...	...
Peru	175	470	462	435	458	...	...	...	...	...
Uruguay	22	22	...	...	...	...	...	...	...	...
Venezuela	53	46	56	55	...	...	...	...	...	...
South America	2 697	2 618	2 921	2 674	2 305	1 124	1 217	1 293	1 137	977
China	69 826	70 378	80 501	79 419	71 310	65 168	66 392	76 525	80 357	93 386
Indonesia (4)	1 414	1 474	1 605	1 603	1 738	1 673	1 869	2 953	3 046	3 561
Japan (4)	16 052	15 794	16 101	16 137	15 266	14 891	15 570	15 782	14 900	12 466
South Korea	3 289	3 147	3 246	2 976	2 679	2 399	2 500	2 932	2 557	2 652
Malaysia (4)	2 324	2 444	2 670	2 782	2 868	2 796	2 548	2 602	2 815	3 315
Philippines (4)	2 100	2 392	2 744	2 923	3 553	3 956	3 925	4 471	4 331	3 348
Singapore (4)	750	705	429	540	501	528	596	584	546	434
Taiwan, China (4)	6 368	6 262	6 270	6 565	6 168	5 408	5 251	5 805	5 940	6 395
Thailand (4)	2 731	2 950	3 498	5 012	457	5 925	5 184	4 681	4 115	3 542
Vietnam (4)	4 428	3 975	4 100	4 582	5 930	7 086	7 277	8 140	8 177	8 422
Asia	109 283	109 520	121 164	122 538	110 471	109 830	111 112	124 474	126 784	137 522
Australia (4)	835	876	790	577	577	644	672	1 053	1 052	1 018
Oceania	835	876	790	577	577	644	672	1 053	1 052	1 018
World	138 021	136 662	147 069	148 390	135 045	132 924	134 799	148 616	149 359	146 796

(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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	509	441	503	490	551	565	576	559	495	395
Belgium	879	872	796	792	798	594	665	732	557	...
Bulgaria	16	14	...	...	9	10	14	11	11	12
Czechia	1 232	1 326	1 456	1 365	1 508	1 599	1 520	1 593	1 507	1 509
Germany	6 295	6 023	6 005	5 885	6 222	6 003	6 281	6 101	...	...
France	1 839	1 944	2 064	2 063	1 974	1 855	1 802	1 873	1 678	1 443
Hungary	5	1	...	...	3	1	...	...	...	...
Italy	3 891	3 687	3 588	3 577	3 817	4 117	4 468	4 790	5 019	4 591
Netherlands	204	165	170	178	163	165	169	168	128	133
Poland	1 172	1 132	1 054	1 062	1 158	1 202	1 203	1 148	1 066	1 133
Spain	2 952	2 814	2 433	2 735	2 667	2 614	2 835	2 947	2 937	2 501
United Kingdom	1 077	979	1 016	967	1 067	879	704	815	...	...
European Union (28)(1)	22 452	20 652	20 138	20 160	20 843	20 389	21 184	21 886	20 924	...
Bosnia-Herzegovina	321	331	333	337	353	380	413	390	404	397
Other Europe	321	331	333	337	353	380	413	390	404	397
Belarus	531	559	543	563	666	688	858	835	784	618
Russia	2 677	2 761	2 715	2 654	2 611	2 850	3 071	3 129	2 916	3 182
Ukraine	2 178	1 906	1 779	1 527	1 425	1 539	1 342	1 316	1 515	1 160
C.I.S.	5 386	5 227	5 037	4 744	4 702	5 077	5 271	5 280	5 215	4 960
Canada	660	660	644	380	909	1 011	954	...	...	...
Mexico	2 565	2 509	2 374	2 403	2 343	2 556	2 546	2 449	2 420	2 735
Trinidad and Tobago	427	398	297	300	413	...	...	...	...	...
United States	1 961	2 401	2 186	2 153	1 906	1 594	1 922	2 236	2 863	1 944
North America	5 613	5 967	5 501	5 236	5 572	5 162	5 421	4 685	5 283	4 680
Argentina	536	580	590	533	517	...	...	...	...	...
Brazil	3 126	2 953	3 213	3 140	2 974	3 104	3 221	3 201	3 160	3 343
Chile	168	185	111	158	161	...	...	...	...	...
Colombia	164	163	185	173	155	...	...	...	...	...
Ecuador	37	18	22	23	24	...	...	...	...	...
Paraguay	8	6	...	...	...	...	...	...	...	...
Peru	106	123	136	87	134	...	...	...	...	...
Venezuela	451	325	260	190	...	...	...	...	...	...
South America	4 597	4 353	4 516	4 304	3 966	3 104	3 221	3 201	3 160	3 343
Egypt	870	1 113	1 219	1 030	873	736	920	1 139	867	821
Africa	870	1 113	1 219	1 030	873	736	920	1 139	867	821
China	124 118	136 109	148 972	153 834	147 233	133 909	129 692	144 150	156 820	166 556
Indonesia	932	809	672	628	661	595	804	824	1 129	1 862
Japan	6 086	5 769	6 205	6 253	5 921	5 941	5 988	5 993	5 487	4 365
South Korea	2 765	2 708	2 986	3 311	3 243	2 495	2 480	2 726	3 472	3 659
Malaysia	1 202	1 210	1 005	1 032	449	649	979	979	2 043	2 200
Taiwan, China	3 393	2 670	2 838	2 939	2 697	2 806	2 913	3 015	2 409	2 381
Thailand	921	813	613	574	677	669	917	977	928	1 013
Vietnam	1 007	1 044	1 001	1 035	1 147	1 302	2 096	2 302	2 454	2 914
Asia	140 424	151 131	164 293	169 606	162 028	148 364	145 870	160 965	174 741	184 949
Australia	683	677	690	720	720	927	931	650	615	578
Oceania	683	677	690	720	720	927	931	650	615	578
World	180 347	189 451	201 727	206 136	199 055	184 138	183 231	198 197	211 208	199 728

(1) - includes data not shown above.

Table 20

Production of Hot Rolled Plate ($\geq 3\text{mm}$)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	746	669	727	811	852	900	983	829	679	552
Belgium	585	568	510	562	543	575	549	583	439	...
Bulgaria	...	274	204	264	210	...	274	313	249	219
Czechia	730	563	530	431	432	376	439	499	439	426
Germany	3 601	3 207	2 803	3 088	3 141	3 024	...	...	...	...
France	836	704	666	714	692	711	772	819	694	500
Italy	2 750	2 606	1 999	2 180	2 025	2 148	2 351	2 402	2 414	2 210
Netherlands	16	17	16	19	19	14	16	15	...	...
Poland	541	689	625	451	382	361	519	431	165	218
Spain	360	378	498	504	546	516	531	544	503	450
United Kingdom	949	889	845	813	715	433	490	550	...	...
European Union (28)(1)	13 742	12 863	11 518	12 109	11 495	11 243	11 930	12 029	11 043	...
Kazakhstan	69	39	21	90	85	118	96	74	33	43
Russia	4 303	3 570	4 127	5 483	6 021	5 340	5 119	5 143	5 392	4 586
Ukraine	3 683	3 096	2 828	2 485	1 527	1 906	1 922	1 838	1 963	2 080
C.I.S.	8 054	6 706	6 976	8 058	7 633	7 364	7 137	7 055	7 388	6 709
Canada	461	451	408	397	387	319	334	...	...	...
Mexico	597	610	628	742	535	745	2 477	2 686	2 108	1 286
United States	6 374	6 172	6 328	6 550	5 583	5 449	5 546	5 760	5 842	5 117
North America	7 431	7 233	7 364	7 689	6 505	6 514	8 357	8 446	7 950	6 402
Argentina	407	371	...	...	...	...	...	...	...	...
Brazil	1 599	1 548	1 423	1 324	913	699	896	1 064	980	977
Venezuela	238	159	...	...	...	...	...	...	...	...
South America	2 244	2 079	1 423	1 324	913	699	896	1 064	980	977
Iran	322	585	615	774	798	669	725	637	715	833
Middle East	322	585	615	774	798	669	725	637	715	833
China	180 296	176 034	188 353	196 671	196 677	198 013	213 623	217 501	230 420	261 776
India	4 283	4 472	3 889	4 492	4 293	4 522	5 100	4 717	4 775	4 115
Indonesia	811	806	539	1 539	1 326	1 500	1 887	1 721	1 939	2 204
Japan	14 488	13 399	12 863	13 145	11 872	12 315	11 036	11 951	11 575	9 535
South Korea	11 342	10 226	8 939	10 122	10 040	9 502	8 986	9 393	9 526	9 017
Malaysia	197	152	143	144	180	220	207	205	233	122
Taiwan, China	1 312	1 195	1 127	1 139	1 051	1 086	1 026	1 142	1 021	1 044
Thailand	370	389	92	217	156	175	206	180	127	181
Asia	213 100	206 672	215 945	227 470	225 595	227 334	242 072	246 811	259 615	287 993
World	244 894	236 137	243 841	257 424	252 939	253 823	271 116	276 042	287 691	302 915

(1) - includes data not shown above.

Table 21

Production of Hot Rolled Coil, Sheet, and Strip (<3mm)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	4 221	4 357	4 696	4 459	4 771	4 780	4 904	4 555	4 593	4 311
Belgium	8 465	7 476	6 988	7 038	7 597	7 566	8 077	8 403	8 552	...
Czechia	524	382	466	483	554	742	430	517	441	618
Germany	21 589	20 463	20 795	20 947	...	...	...	...	...	...
France	8 598	8 518	9 603	10 133	9 876	9 475	10 229	9 895	9 066	7 317
Hungary	1 263	1 480	1 512	1 373	1 284	1 135	1 408	1 770	1 528	945
Italy	11 669	11 888	10 100	9 659	8 804	9 715	9 522	9 427	8 875	7 247
Netherlands	6 181	6 236	6 183	6 460	6 632	6 287	6 404	6 788	...	...
Poland	2 094	2 240	2 283	2 354	2 506	2 497	2 929	3 110	2 591	2 128
Spain	4 445	3 423	3 842	4 102	4 183	3 922	4 269	4 329	3 888	2 903
United Kingdom	3 703	3 165	4 168	4 239	4 003	3 310	3 316	3 237	...	...
European Union (28)(1)	83 353	79 730	81 317	82 272	80 970	81 037	83 624	83 240	77 749	...
Kazakhstan	1 410	1 039	1 146	1 142	1 187	1 324	1 551	1 343	963	1 243
Russia	13 548	14 364	13 317	12 598	13 074	13 785	13 714	13 357	13 122	14 181
Ukraine	5 387	4 741	4 464	3 926	3 470	3 386	3 154	3 714	3 527	3 078
C.I.S.	20 345	20 145	18 927	17 667	17 731	18 495	18 419	18 414	17 612	18 502
Canada	5 364	5 234	5 325	5 896	5 234	5 164	5 648	...	...	...
Mexico	5 758	5 725	5 957	6 523	6 696	7 044	6 801	...	...	...
United States	19 715	19 495	19 598	20 668	18 702	19 236	20 378	19 968	19 993	17 920
North America	30 836	30 454	30 880	33 087	30 632	31 445	32 827	19 968	19 993	17 920
Argentina	2 742	2 349	2 611	2 546	2 370	2 274	2 374	2 271	2 033	1 974
Brazil	4 086	4 377	4 384	4 541	4 746	4 040	4 684	4 767	4 365	3 862
Chile	438	412	189	0	...	...	...	...	...	...
Colombia	428	434	353	410	440	447	482	402	354	...
Peru	31	61	62	60	52	57	55	57	56	...
Venezuela	1 584	957	926	635	756	225	246	3	...	...
South America	9 309	8 590	8 526	8 191	8 365	7 044	7 840	7 501	6 807	5 836
Egypt	1 162	1 036	1 066	849	689	1 026	...	1 436	1 163	1 360
Africa	1 162	1 036	1 066	849	689	1 026	...	1 436	1 163	1 360
Iran	7 502	7 891	7 635	7 503	7 075	7 142	7 091	7 413	7 446	7 735
Middle East	7 502	7 891	7 635	7 503	7 075	7 142	7 091	7 413	7 446	7 735
China	96 340	109 511	123 211	120 716	125 583	131 782	112 348	123 519	136 561	145 774
India	14 118	17 888	21 586	21 819	20 317	24 164	36 899	31 134	44 805	42 649
Indonesia	182	257	317	523	521	703	1 089	2 147	2 537	2 716
Japan	49 700	50 360	51 774	52 250	50 818	50 669	50 821	49 499	47 104	40 031
South Korea	35 473	36 325	35 543	38 465	37 489	37 245	38 927	38 588	38 201	36 624
Malaysia	1 323	1 033	1 107	723	707	77	...	...	...	...
Taiwan, China	4 056	4 693	4 850	4 885	4 653	5 834	5 734	7 297	7 046	7 351
Thailand	2 913	2 569	2 651	2 907	2 552	2 774	3 010	3 194	2 629	2 420
Asia	204 104	222 635	241 039	242 288	242 640	253 249	248 829	255 379	278 884	277 565
Australia	3 694	2 708	2 289	2 160	2 415	2 501	2 709	2 747	2 679	2 612
Oceania	3 694	2 708	2 289	2 160	2 415	2 501	2 709	2 747	2 679	2 612
World	360 306	373 189	391 680	394 017	390 516	401 938	401 339	396 098	412 333	331 530

(1) - includes data not shown above.

Table 22

Production of Electrical Sheet and Strip

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	319	299	338	339	394	334	416	338	342	314
Czechia	46	46	50	52	...	52	51	52	50	46
Germany	572	521	475	456	434	460	439	384	...	...
France	205	166	158	184	191	186	185	187	189	144
Poland	125	85	74	89	98	...	...	...	...	...
Slovenia	86	...	...	...	...	...	...	...	...	...
United Kingdom	75	65	59	62	66	55	61	53	...	...
European Union (28)(1)	1 687	1 483	1 419	1 480	1 484	1 419	1 552	1 428	1 377	...
United States	339	59	...	...	...	...	...	...	...	...
North America	339	59	...	...	...	...	...	...	...	...
Brazil	214	188	180	167	164	150	144	153	147	123
South America	214	188	180	167	164	150	144	153	147	123
China	6 284	6 194	7 761	8 852	8 809	9 041	9 480	9 811	11 192	11 886
India	161	158	136	131	137	554	358	385	417	370
Japan	1 949	1 594	1 609	1 552	1 377	1 347	1 408	1 393	1 234	1 087
South Korea	991	987	919	902	892	770	803	790	838	819
Taiwan, China	624	626	712	773	581	617	707	627	587	563
Asia	10 009	9 558	11 137	12 211	11 796	12 329	12 756	13 005	14 267	14 725
World	12 249	11 288	12 736	13 858	13 443	13 898	14 451	14 586	15 791	14 848

(1) - includes data not shown above.

Table 23

Production of Tinmill Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	129	151	156	142	137	146	148	148	139	... e
Germany	1 255	1 364	1 343	1 386	1 338	1 329	1 369	1 329	...	...
France	604	499	544	566	557	542	524	522	485	410
Netherlands	724	755	813	838	803	777	809	658	...	...
Spain	499	574	579	541	633	634	706	675	602	597
United Kingdom	411	410	401	430	407	390	396	376	...	...
European Union (28)(1)	4 106	4 207	4 224	4 315	4 353	4 301	4 301	4 081	3 846	...
Kazakhstan	201	144	93	81	93	80	78	82	71	62
Russia	134	144	149	147	149	129	94	134	143	169
C.I.S.	335	288	242	228	242	209	172	216	214	231
Canada	220	239	208	209	216	239	202	249	...	...
Mexico	117	92	112	124	134	153	142	154	129	80
United States	2 111	2 012	1 868	1 754	1 522	1 359	1 311	1 291	1 176	1 232
North America	2 448	2 343	2 188	2 087	1 872	1 752	1 655	1 694	1 305	1 311
Argentina	133	129	131	113	122	...	...	...	...	...
Brazil	856	809	635	553	571	530	525	481	385	404
Chile	36	28	...	...	...	...	...	...	...	...
Colombia	59	59	59	50	82	...	...	...	...	...
Venezuela	71	63	42	18	...	...	...	...	...	...
South America	1 155	1 089	867	735	774	530	525	481	385	404
India	217	258	326	390	335	343	412	442	443	376
Indonesia	100	115	149	135	164	134	150	148	152	298
Japan	1 797	1 684	1 656	1 645	1 630	1 698	1 622	1 585	1 498	1 515
South Korea	786	809	829	800	793	845	756	772	793	771
Malaysia	140	119	122	115	132	175	160	156	135	119
Taiwan, China	201	210	222	189	197	213	193	181	160	194
Thailand	190	174	194	225	171	150	135	111	62	89
Asia	3 431	3 369	3 498	3 500	3 422	3 558	3 427	3 394	3 245	3 363
World	11 475	11 295	11 018	10 864	10 664	10 349	10 080	9 866	8 995	5 310

(1) - includes data not shown above.

Table 24

Production of Other Metallic Coated Sheet and Strip

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	2 167	2 115	2 371	2 211	2 436	2 517	2 516	2 407	2 434	2 258
Belgium	3 092	3 213	3 209	3 454	3 410	3 326	3 604	3 708	3 802	...
France	3 837	3 527	3 796	4 297	4 310	4 189	4 168	3 914	3 852	3 169
Hungary	104	106	103	104	100	100	102	105	86	116
Italy	4 268	4 129	4 129	4 452	4 545	4 904	5 024	4 765	4 356	3 698
Luxembourg	811	533	632	668	632	642	1 214	673	...	...
Netherlands	1 183	1 184	1 287	1 332	1 358	1 370	1 337	1 275	...	...
Poland	475	469	470	527	517	560	764	906	840	752
Spain	1 864	1 640	1 554	1 635	1 681	1 806	1 799	1 794	1 911	1 534
United Kingdom	962	867	1 052	1 082	1 076	799	825	855	...	...
European Union (28)(1)	28 360	27 041	27 930	29 517	29 876	29 765	30 565	29 886	28 696	...
Canada (2)(3)	1 888	2 318	2 504	2 549	2 467	2 560	2 190	...	...	...
Mexico (2)	1 917	1 866	1 952	2 339	2 436	2 733	2 750	2 746	2 753	2 550
United States (2)(3)	15 217	16 703	16 164	16 510	16 033	16 616	16 473	16 890	16 724	15 211
United States (3)(4)	1 478	1 433	1 437	1 255	1 348	1 386	1 652	1 893	2 097	2 235
North America	20 501	22 321	22 058	22 653	22 285	23 295	23 066	21 529	21 574	19 996
China	33 079	37 622	46 212	50 750	52 101	53 226	49 598	49 509	57 389	61 384
India (2)	6 244	6 292	6 704	6 983	6 898	9 884	9 376	5 234	7 448	6 758
Indonesia	467	492	408	462	498	601	726	1 087	1 079	1 024
Japan (3)	1 130	1 187	1 246	1 315	1 240	1 304	1 303	1 250	1 142	965
South Korea (2)	8 594	9 238	9 503	10 412	10 513	11 039	11 461	11 158	11 024	9 945
Malaysia	583	541	646	678	703	781	768	644	605	540
Philippines	267	328	260	650	670	370	370	346	359	176
Taiwan, China	2 563	2 368	2 539	2 856	2 640	2 227	2 239	2 053	1 816	1 949
Thailand	486	534	552	754	1 057	896	1 173	1 166	1 139	861
Vietnam	...	1 244	1 736	2 098	2 505	2 505	3 501	3 758	3 403	3 402
Asia	53 412	59 846	69 805	76 959	78 824	82 834	80 515	76 205	85 404	87 004
Australia	1 607	1 195	1 195	1 343	1 367	1 473	1 536	1 613	1 515	1 589
Oceania	1 607	1 195	1 195	1 343	1 367	1 473	1 536	1 613	1 515	1 589
World	103 881	110 404	120 988	130 471	132 352	137 367	135 681	129 234	137 189	108 589

(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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	320	310	355	290	279	269	273	250	270	235
Belgium	394	429	465	449	439	486	618	625	677	...
Germany	876	751	761	680	623	605	581	548	...	...
France	858	829	835	917	940	1 033	1 009	1 019	1 030	933
Italy	451	515	593	709	784	880	852	907	990	947
Netherlands	232	249	253	245	231	205	221	211	...	...
Poland	240	259	229	273	270	297	291	317	302	326
Spain	168	155	169	193	216	217	225	172	192	181
United Kingdom	332	324	321	300	304	342	309	309	...	...
European Union (28)(1)	4 346	4 318	4 484	4 569	4 575	4 872	4 944	4 928	5 142	...
Kazakhstan	65	46	69	78	96	98	108	101	105	120
Russia	1 046	1 293	1 510	1 668	1 476	1 565	1 636	1 730	1 787	1 853
Ukraine	30	40	58	16	18	22	24	23	23	45
C.I.S.	1 141	1 379	1 637	1 762	1 590	1 685	1 768	1 854	1 915	2 018
China	6 218	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
Indonesia	18	24	20	17	37	35	45	53	55	49
South Korea	2 121	2 113	2 084	1 994	1 896	2 050	2 054	2 270	2 233	2 042
Malaysia	227	225	233	212	230	216	209	201	195	166
Philippines	125	136	120	140	150	150	150	135	165	70
Taiwan, China	681	681	970	670	681	729	666	574	541	523
Thailand	270	309	91	...	...	...	...	...	...	...
Vietnam	1 478	398	469	676	774	852	1 094	870	996	1 111
Asia	11 139	11 647	12 058	11 960	11 866	12 741	12 513	13 170	14 359	15 900
Australia	711	556	569	622	656	719	724	761	764	797
Oceania	711	556	569	622	656	719	724	761	764	797
World	17 337	17 900	18 747	18 913	18 687	20 018	19 949	20 714	22 180	18 715

(1) - includes data not shown above.

Table 26

Total Production of Tubular Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	739	698	698	698	570	542	742	738	...	...
Belgium-Luxembourg	94	65	65	52	50	50	50	...	...	...
Bulgaria	39	39	39	39	39	39	39	90	153	191
Cyprus	12	12	12	12	12	12	12	...	...	...
Czechia	600	595	577	637	570	521	470	515	412	420
Germany	3 238	3 086	2 604	2 709	2 402	2 536	3 287	3 085	2 309	1 764
Finland	179	206	208	236	260	284	320	321	294	249
France	1 203	1 050	895	736	499	534	499	454	491	316
Greece	648	594	512	500	490	460	460	453	448	369
Hungary	53	53	53	53	53	53	53	73	69	42
Ireland	4	4	4	4	4	4	4	...	...	...
Italy	3 282	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	14	17	16	13
Netherlands	322	266	247	290	315	301	300	266	263	232
Poland	876	960	860	848	784	845	807	762	751	714
Portugal	96	96	96	96	96	180	180	...	...	...
Romania	587	580	584	660	586	531	590	588	557	570
Slovakia	238	250	228	231	215	195	245	250	184	209
Slovenia	22	...	...	...	...	...	...	...	...	...
Spain	1 092	932	855	823	750	878	1 186	1 290	1 290	1 139
Sweden	167	140	136	139	122	102	110	103	95	80
United Kingdom	728	706	504	621	638	547	590	610	582	530
European Union (28)	14 234	13 421	12 138	12 652	12 223	12 483	13 939	13 682	11 959	10 376
Belarus	194	214	216	201	216	143	181	188	149	105
Kazakhstan	273	235	305	311	310	304	380	400	398	350
Russia	10 045	9 934	10 367	11 593	11 730	10 727	11 579	11 841	11 929	10 303
Ukraine	2 302	2 179	1 719	1 373	881	878	1 062	1 233	1 005	869
C.I.S.	12 814	12 562	12 607	13 478	13 137	12 052	13 202	13 662	13 481	11 627
Canada	2 540	2 721	2 439	1 538	1 044	785	1 029	...	...	...
Mexico	1 460	1 840	1 924	2 070	1 803	1 700	2 000	1 606	1 413	1 198
United States	4 369	4 338	4 347	4 718	2 576	2 383	3 867	4 359	4 291	2 617
North America	8 369	8 899	8 710	8 326	5 423	4 868	6 896	5 965	5 704	3 815
Argentina	849	849	692	750	546	376	621	688	632	...
Brazil	483	591	629	657	388	391	556	607	...	...
South America	1 332	1 440	1 321	1 407	934	767	1 177	1 295	632	...
Iran	30	31	29	5	16	10	10	6	12	8
Middle East	30	31	29	5	16	10	10	6	12	8
China	63 643	71 184	83 571	88 980	98 272	96 918	66 108	73 201	84 176	89 543
India	1 804	2 060	1 982	2 077	2 143	2	1	...	...	...
Indonesia	642	687	668	1 105	1 277	1 288	1 573	975	884	1 432
Japan	7 804	7 877	8 050	8 283	6 821	6 933	7 092	7 135	6 686	5 271
South Korea	5 073	5 661	5 655	6 409	4 928	5 206	5 640	5 007	4 648	4 513
Malaysia	569	688	707	801	842	796	854	805	768	555
Philippines	90	99	300	330	330	330	330	363	363	254
Taiwan, China	1 214	1 182	1 206	1 280	1 146	819	977	1 025	1 234	1 059
Vietnam	731	775	969	1 221	1 548	2 061	2 307	2 493	2 516	2 652
Asia	81 571	90 213	103 108	110 486	117 307	114 352	84 882	91 004	101 275	105 278
Australia	241	214	190	155	155	155	...	...	...	...
Oceania	241	214	190	155	155	155	...	...	...	...
World	118 591	126 779	138 103	146 509	149 194	144 686	120 106	125 615	133 063	131 105

Table 27

Production of Seamless Tubes

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	495	468	468	468	382	363	497	495	490	...
Czechia	384	367	356	396	310	276	264	301	226	237
Germany	1 352	1 348	1 306	1 264	1 012	1 045	1 213	1 271	1 087	759
France	670	572	550	500	342	334	265	258	274	184
Italy	671	619	526	573	381	441	510	568	564	399
Netherlands	16	16	10	11	11	12	12	13	14	9
Poland	168	170	150	137	122	116	129	136	105	99
Romania	518	496	495	542	459	388	454	455	423	448
Slovakia	169	176	165	174	166	141	188	192	129	156
Spain	279	254	220	270	218	195	359	232	195	145
Sweden	117	96	93	96	82	81	89	92	81	65
European Union (28)	4 839	4 581	4 338	4 432	3 485	3 391	3 980	4 013	3 588	2 502
Belarus	117	125	129	121	112	84	139	136	115	80
Kazakhstan	149	100	156	175	183	193	259	290	295	208
Russia	2 918	3 152	3 101	3 369	3 410	3 238	3 592	3 683	3 508	3 039
Ukraine	876	887	712	625	416	384	536	597	527	400
C.I.S.	4 061	4 264	4 098	4 290	4 121	3 899	4 526	4 706	4 445	3 727
Canada	254	272	244	154	104	78	103	100	100	100 e
Mexico	776	889	985	1 064	739	801	939	975	831	584
United States	2 216	2 162	2 276	2 419	1 076	1 231	2 029	2 099	1 816	956
North America	3 246	3 323	3 505	3 636	1 919	2 110	3 071	3 174	2 747	1 640
Argentina	849	849	692	750	546	376	621	688	632	267
Brazil	483	591	629	657	388	391	556	607	654	499
South America	1 332	1 440	1 321	1 407	933	767	1 177	1 295	1 286	766
China	23 750	24 082	29 984	31 370	28 577	26 753	21 072	24 829	27 984	27 877 e
Indonesia								33	50	223
Japan	2 279	2 203	2 087	2 215	1 725	1 611	1 719	1 812	1 734	1 302
South Korea	17	18	21	20	21	18	23	123	98	94
Asia	26 046	26 303	32 091	33 605	30 323	28 382	22 814	26 797	29 866	29 496
World	39 523	39 911	45 353	47 370	40 782	38 550	35 568	39 985	41 932	38 131

Table 28

Production of Welded Tubes

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	244	230	231	230	188	179	245	244	...	...
Belgium-Luxembourg	94	65	65	52	50	50	50	...	...	...
Bulgaria	39	39	39	39	39	39	39	90	153	191
Czechia	216	228	221	241	260	245	206	214	186	183
Germany	1 885	1 737	1 298	1 445	1 391	1 492	2 074	1 814	1 221	1 005
Finland	179	206	208	236	260	284	320	321	294	249
France	533	478	345	236	157	200	234	196	217	132
Greece	648	594	512	500	490	460	460	453	448	369
Hungary	53	53	53	53	53	53	53	73	69	42
Ireland	4	4	4	4	4	4	4	...	...	...
Italy	2 611	2 457	2 420	2 679	3 373	3 415	3 471	3 498	3 480	3 138
Netherlands	306	250	237	279	304	289	289	253	249	223
Poland	708	790	...	711	662	729	678	626	647	615
Portugal	96	96	96	96	96	180	180	...	...	...
Romania	69	84	89	118	127	143	135	133	134	122
Slovakia	70	75	64	58	49	53	57	58	55	53
Slovenia	22	...	...	...	...	...	...	...	...	...
Spain	813	678	635	552	531	683	827	1 058	1 095	994
Sweden	51	44	43	43	40	21	21	12	15	15
United Kingdom	728	706	504	621	638	547	590	610	582	530
European Union (28)	9 369	8 814	7 064	8 194	8 712	9 066	9 933	9 653	8 846	7 861
Turkey	3 765	4 250	4 202	...	...	...	...	...	...	...
Other Europe	3 765	4 250	4 202	...	...	...	...	...	...	...
Belarus	77	89	87	80	104	59	42	52	34	25
Kazakhstan	124	135	149	136	127	111	121	110	103	142
Russia	7 127	6 782	7 266	8 224	8 320	7 489	7 987	8 158	8 421	7 264
Ukraine	1 426	1 292	1 007	748	465	494	512	636	591	595
C.I.S.	8 754	8 298	8 509	9 188	9 016	8 153	8 662	8 956	9 149	8 026
Canada	2 286	2 449	2 195	1 384	939	706	926	...	...	...
Mexico	685	952	939	1 006	1 064	899	1 061	631	582	614
United States	2 147	2 165	2 060	2 299	1 500	1 152	1 853	2 260	2 475	1 661
North America	5 118	5 565	5 193	4 689	3 504	2 758	3 840	2 891	3 057	2 275
China	39 893	47 103	53 587	57 610	69 695	70 164	45 036	48 372	56 192	61 666
Indonesia	642	687	668	1 105	1 277	1 288	1 573	942	835	1 209
Japan	4 946	5 097	5 318	5 437	4 504	4 774	4 832	4 798	4 440	3 533
South Korea	5 057	5 643	5 634	6 389	4 907	5 187	5 617	4 884	4 550	4 419
Malaysia	569	688	707	801	842	796	854	805	768	555
Philippines	90	99	300	330	330	330	330	363	363	254
Taiwan, China	1 214	1 182	1 206	1 280	1 146	819	977	1 025	1 234	1 059
Vietnam	731	775	969	1 221	1 548	2 061	2 307	2 493	2 516	2 652
Asia	53 142	61 272	68 389	74 172	84 249	85 419	61 526	63 682	70 898	75 346
Australia	241	214	190	155	155	155	...	...	...	...
Oceania	241	214	190	155	155	155	...	...	...	...
World	76 622	84 163	89 346	96 398	105 635	105 550	83 962	85 182	91 949	93 508

Table 29

Exports of Semi-finished and Finished Steel Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	7 020	6 358	6 605	7 282	7 440	7 310	7 919	7 451	7 022	6 219
Belgium	16 445	14 456	13 875	14 161	15 202	16 724	18 060	17 971	16 936	12 915
Bulgaria	1 205	983	946	999	943	1 064	1 354	1 388	1 134	1 132
Croatia	109	34	121	210	218	106	64	219	193	124
Cyprus	0	1	1	1	1	0	4	0	3	12
Czechia	4 855	4 642	4 751	4 736	4 830	5 192	4 785	5 068	4 561	4 584
Denmark	976	798	797	790	935	946	984	1 052	1 039	941
Estonia	274	194	107	114	104	109	138	151	173	156
Germany	26 379	25 818	24 161	24 757	25 146	25 521	26 365	25 999	24 061	21 231
Finland	2 861	1 820	1 617	1 840	1 902	1 948	2 018	2 194	3 531	1 120
France	14 224	14 579	14 164	14 944	14 003	13 689	14 782	14 415	13 557	10 168
Greece	1 742	1 215	973	920	997	990	1 292	1 631	1 310	1 365
Hungary	1 470	1 698	1 766	1 607	1 440	1 404	1 892	2 086	1 851	1 714
Ireland	44	50	47	65	93	121	91	100	96	85
Italy	17 125	17 926	16 640	17 328	16 475	17 895	18 190	18 180	17 948	14 933
Latvia	833	1 151	622	399	576	486	458	487	481	464
Lithuania	253	284	258	269	330	380	386	400	347	408
Luxembourg	3 442	2 869	2 731	3 003	2 908	2 920	2 920	3 027	2 875	2 354
Malta	0	0	0	1	1	1	7	0	1	0
Netherlands	10 441	9 734	8 761	9 715	10 630	10 214	10 916	11 029	10 037	8 299
Poland	4 907	5 392	4 895	5 024	5 084	5 396	6 190	6 017	5 888	5 273
Portugal	1 639	1 728	2 044	2 369	2 324	2 443	2 591	2 416	2 386	2 323
Romania	3 157	2 682	2 277	2 339	2 585	2 506	2 789	2 859	2 908	2 659
Slovakia	4 372	4 760	4 786	4 931	4 835	5 089	5 197	5 064	4 228	3 570
Slovenia	843	817	807	871	993	1 010	1 103	1 226	1 155	1 061
Spain	9 888	9 416	9 134	9 710	9 590	9 317	8 917	8 637	9 342	7 867
Sweden	5 048	4 034	3 308	3 271	3 207	3 650	3 855	3 387	4 505	3 156
United Kingdom	6 027	6 410	8 374	8 599	7 280	4 588	4 699	4 612	4 218	4 268
European Union (28)	145 576	139 850	134 571	140 255	140 070	141 019	147 965	147 063	141 788	118 399
o/w: extra-E.U.(28)	40 650	43 524	41 581	43 209	37 836	29 798	31 098	28 591	29 818	22 577
Albania	173	126	108	139	74	5	3	3	8	16
Bosnia-Herzegovina	425	464	455	521	606	499	452	352	394	355
Iceland	1	0	2	5	0	1	0	1	0	0
Macedonia	622	484	373	431	406	512	595	617	562	561
Montenegro	36	20	12	8	27	19	18	16	18	13
Norway	547	664	567	551	521	571	540	491	587	528
Serbia	1 116	488	609	748	908	936	1 141	1 444	1 498	1 110
Switzerland	1 166	1 091	1 097	1 070	1 136	1 110	1 184	1 163	923	811
Turkey	16 688	18 574	17 305	16 024	14 887	15 349	16 346	19 859	19 660	18 529
Other Europe	5	8	3	2	2	2	3	5	4	3
Other Europe	20 779	21 920	20 531	19 499	18 567	19 005	20 281	23 952	23 653	21 927
Armenia	0	0	0	0	0	3	3	4	0	0
Azerbaijan	90	52	50	31	11	124	131	86	33	30
Belarus	1 970	2 167	1 872	2 123	2 170	1 885	2 000	2 172	2 288	2 141
Georgia	106	106	258	223	91	70	99	65	83	53
Kazakhstan	2 491	1 693	1 132	1 650	1 704	2 500	1 732	1 389	1 244	1 590
Kyrgyzstan	11	9	8	10	2	0	0	0	0	0
Moldova	221	314	147	344	273	194	375	467	322	340
Russia	24 729	26 678	23 641	28 084	29 702	31 186	31 159	33 343	29 464	28 573
Tajikistan	0	0	0	0	0	1	0	0	0	0
Turkmenistan	0	0	0	0	0	2	0	0	0	0
Ukraine	25 955	24 142	24 720	21 492	17 721	18 230	15 224	15 083	15 559	15 198
Uzbekistan	8	4	9	22	17	4	7	41	79	16
C.I.S.	55 582	55 164	51 836	53 978	51 693	54 199	50 729	52 650	49 072	47 942

Table 29
(continued) **Exports of Semi-finished and Finished Steel Products**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	6 356	6 166	5 767	6 201	6 038	5 848	6 482	6 435	7 705	5 104
Costa Rica	2	6	12	14	110	213	324	221	185	11
Cuba	41	47	40	24	9	32	49	49	16	0
Dominican Republic	90	47	35	43	44	33	48	66	75	66
El Salvador	2	6	4	8	5	10	12	11	7	4
Guatemala	8	13	13	14	16	61	82	82	51	17
Honduras	2	13	12	19	17	28	21	14	19	1
Jamaica	2	...	...	0	0	0	0	0	0	0
Mexico	5 537	4 688	5 639	5 395	3 898	4 084	5 180	5 825	5 142	5 220
Nicaragua	0	0	0	1	2	1	0	1	5	0
Panama	4	7	3	11	5	4	5	7	...	...
Trinidad and Tobago	170	175	102	129	83	4	1	0	1	1
United States	13 288	13 560	12 508	11 961	10 000	9 247	10 211	8 623	7 271	6 323
Other North America	4	6	4	4	18	3	9	1	9	1
North America	25 506	24 732	24 138	23 823	20 245	19 569	22 423	21 335	20 486	16 748
Argentina	1 118	1 171	1 019	996	471	450	612	129	53	20
Bolivia	0	0	0	0	0	0	0	0	8	0
Brazil	10 824	9 673	8 081	9 766	13 708	13 399	15 317	13 914	12 733	10 648
Chile	114	80	51	118	79	84	116	222	240	239
Colombia	188	178	119	100	66	66	89	98	70	47
Ecuador	25	20	22	21	40	41	40	60	75	55
Paraguay	3	...	0	0	0	1	3	5	2	4
Peru	134	166	166	178	149	215	209	219	263	187
Uruguay	26	1	28	28	20	38	47	26	228	12
Venezuela	712	163	80	20	78	48	24	23	82	37
Other South America	0	0	0	0	1	0	0	0	0	1
South America	13 145	11 452	9 567	11 227	14 613	14 342	16 456	14 696	13 754	11 251
Algeria	11	23	15	4	1	0	1	59	168	88
Cameroon	3	0	0	0	12	0	0	1	0	0
Egypt	1 425	847	1 958	1 153	453	808	1 477	1 453	1 162	4 356
Ghana	2	2	1	0	1	0	2	2	0	0
Ivory Coast	1	1	0	0	0	0	1	0	0	0
Kenya	1	0	1	0	1	0	0	0	0	0
Libya	92	47	9	3	13	6	18	51	15	62
Morocco	169	141	92	47	65	107	155	146	102	90
Nigeria	5	5	0	19	6	1	10	5	0	0
Senegal	1	0	0	0	0	0	0	0	1	1
South Africa	2 567	2 216	1 888	2 339	2 190	2 194	2 562	2 857	4 302	1 342
Sudan	1	0	0	0	0	0	0	0	0	0
Tanzania	1	1	0	1	...	0	0	1	0	20
Tunisia	160	99	70	84	53	42	31	85	136	136
Other Africa	43	59	54	63	28	24	21	25	19	23
Africa	4 481	3 440	4 089	3 712	2 823	3 183	4 278	4 685	5 905	6 120
Bahrain	45	41	513	153	540	768	782	665	651	884
Iran	270	260	368	2 868	3 798	5 654	7 460	9 273	1 127	1 818
Iraq	0	1	0	0	0	0	1	0	0	0
Israel	59	35	17	7	6	5	8	10	35	5
Jordan	1	1	3	0	1	76	72	117	120	135
Kuwait	16	6	8	3	0	109	101	112	190	183
Lebanon	27	20	24	4	1	0	0	1	1	1
Oman	195	56	49	101	118	268	653	779	1 980	2 688
Qatar	585	1 000	1 000	45	0	349	529	1 410	1 492	547
Saudi Arabia	699	285	247	123	1 129	1 141	1 138	1 419	2 497	1 299
Syria	10	0	0	...	0	1	0	0	0	2
United Arab Emirates	949	248	265	860	634	3 404	2 951	2 584	3 802	2 955
Yemen	1	0	...	9	14	...	...	0	...	...
Other Middle East	...	...	...	...	...	...	...	...	...	...
Middle East	2 856	1 951	2 494	4 172	6 241	11 777	13 694	16 370	11 894	10 518

Table 29
(continued)

Exports of Semi-finished and Finished Steel Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	14	19	26	18	5	4	6	6	5	26
China	47 899	54 793	61 543	92 907	111 556	108 066	74 808	68 767	63 744	51 393
Hong Kong	1 246	1 168	1 087	1 281	168	988	839	704	569	574
India	8 940	8 232	10 078	10 379	7 563	10 325	16 335	11 101	13 356	17 113
Indonesia	1 249	901	660	1 342	2 003	1 599	2 425	3 792	3 964	5 133
Japan	40 656	41 458	42 502	41 346	40 804	40 505	37 471	35 839	33 127	29 823
D.P.R. Korea (e)	67	78	60	57	33	40	29	16	14	8
South Korea	28 866	30 227	28 927	31 906	31 173	30 586	31 355	30 056	29 986	27 619
Malaysia	2 746	2 319	1 618	2 100	1 823	1 428	1 725	1 693	5 159	8 362
Myanmar	2	5	2	0	2	1	7	5	6	5
Pakistan	292	220	159	224	53	65	117	543	111	152
Philippines	105	140	65	149	21	29	37	33	39	22
Singapore	2 312	2 252	2 275	2 155	1 729	1 708	1 479	1 634	1 782	1 748
Sri Lanka	2	3	1	1	1	1	1	4	2	2
Taiwan, China	10 545	10 539	11 559	12 086	11 177	12 233	12 117	12 285	11 262	9 985
Thailand	1 599	1 569	1 504	1 414	1 254	1 460	1 853	1 916	1 654	1 224
Vietnam	1 137	1 280	1 383	1 523	1 512	2 537	4 034	5 368	5 213	7 773
Other Asia	1 203	1 384	952	985	1 127	1 159	1 258	1 505	1 211	1 090
Asia	148 881	156 586	164 398	199 875	212 003	212 735	185 896	175 268	171 204	162 053
Australia	1 389	641	631	683	841	776	979	998	1 149	890
New Zealand	448	421	475	287	347	188	192	221	169	199
Other Oceania	21	4	1	1	0	0	0	2	3	0
Oceania	1 858	1 066	1 107	970	1 188	965	1 171	1 222	1 320	1 089
World	418 663	416 162	412 732	457 513	467 441	476 792	462 893	457 241	439 077	396 047

Table 30

Imports of Semi-finished and Finished Steel Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	3 830	3 674	3 320	3 739	4 194	4 328	4 590	4 810	4 040	3 604
Belgium	13 309	10 557	10 109	10 743	12 073	13 007	14 073	14 845	13 006	10 400
Bulgaria	1 503	1 353	1 513	1 878	1 741	1 969	1 799	1 994	2 181	2 101
Croatia	678	657	632	680	772	844	821	800	917	848
Cyprus	231	162	131	109	144	154	252	337	330	304
Czechia	5 828	5 921	5 791	5 750	6 146	6 477	7 075	7 370	7 102	6 429
Denmark	2 442	2 250	2 249	2 246	2 436	2 535	2 504	2 592	2 511	2 480
Estonia	624	511	433	455	422	540	611	682	714	618
Germany	24 854	22 729	21 881	24 263	24 817	26 620	27 094	26 584	23 096	18 239
Finland	1 406	1 055	1 017	1 025	962	1 078	1 995	1 465	1 320	1 268
France	14 715	13 163	13 154	13 418	13 656	14 570	15 073	14 882	14 589	11 763
Greece	1 372	1 072	1 162	1 262	1 173	1 424	1 363	1 600	1 428	1 355
Hungary	1 860	2 126	2 899	2 613	2 275	2 710	2 783	3 058	3 000	2 598
Ireland	440	457	451	544	658	684	760	810	887	800
Italy	17 478	13 899	15 626	16 632	19 936	19 616	20 091	20 619	20 652	15 461
Latvia	908	591	650	721	864	827	702	937	794	738
Lithuania	693	744	780	858	894	1 048	1 060	1 142	1 118	1 112
Luxembourg	1 258	1 041	1 193	1 153	1 139	1 158	1 057	1 210	1 076	751
Malta	34	33	31	41	44	42	42	56	64	68
Netherlands	8 293	7 557	6 144	6 963	6 803	8 359	8 820	10 329	9 582	7 783
Poland	7 551	7 845	7 993	9 125	9 214	10 105	10 652	12 061	10 960	10 829
Portugal	2 026	1 900	2 472	2 521	2 740	2 803	3 066	3 140	3 202	2 772
Romania	3 374	2 930	2 784	3 216	3 454	3 511	3 833	4 102	4 210	4 190
Slovakia	2 343	2 127	2 446	2 552	2 677	2 940	3 004	2 994	3 001	3 631
Slovenia	1 275	1 136	1 125	1 223	1 407	1 483	1 553	1 745	1 648	1 546
Spain	8 449	7 329	7 401	8 127	8 885	9 391	9 948	10 779	10 342	8 694
Sweden	4 578	3 727	3 154	3 144	3 077	3 433	3 751	4 403	3 896	3 128
United Kingdom	7 462	7 140	6 349	7 403	7 182	7 652	7 847	7 889	7 327	4 972
European Union (28)	138 813	123 687	122 891	132 402	139 784	149 311	156 216	163 237	152 992	128 485
o/w: extra-E.U.(28)	43 085	34 892	34 978	38 712	43 907	41 731	42 246	46 282	41 146	32 985
Albania	259	257	181	173	238	394	250	233	305	320
Bosnia-Herzegovina	316	281	278	268	314	418	459	470	424	425
Iceland	35	37	106	40	50	62	59	65	66	48
Macedonia	404	360	340	448	515	764	553	571	560	651
Montenegro	17	19	25	25	66	76	126	46	55	50
Norway	1 031	1 004	954	1 419	1 000	1 001	1 139	1 101	1 074	1 031
Serbia	471	618	622	672	665	647	743	884	1 152	1 023
Switzerland	2 485	2 426	2 438	2 454	2 330	2 498	2 544	2 590	2 372	2 139
Turkey	10 304	11 499	14 462	13 394	18 614	17 009	15 814	14 043	12 337	12 526
Other Europe	242	121	127	123	205	120	151	132	170	120
Other Europe	15 566	16 621	19 534	19 016	23 998	22 988	21 838	20 135	18 514	18 334
Armenia	79	80	76	80	72	91	107	143	106	147
Azerbaijan	912	1 060	1 257	1 248	839	561	536	660	677	590
Belarus	1 972	2 210	2 342	1 880	1 481	1 514	1 777	1 881	1 893	1 814
Georgia	311	374	391	451	412	460	445	507	439	488
Kazakhstan	1 316	1 667	1 201	1 660	505	444	403	421	555	274
Kyrgyzstan	181	265	321	343	301	288	278	313	369	359
Moldova	138	178	178	208	151	166	150	164	219	194
Russia	7 199	6 897	6 571	6 442	4 364	4 448	6 505	6 375	6 815	4 755
Tajikistan	111	174	245	277	379	309	280	357	352	404
Turkmenistan	575	1 172	1 014	1 004	798	550	233	234	364	491
Ukraine	1 981	1 876	1 767	1 202	804	1 138	1 401	1 582	1 535	1 288
Uzbekistan	622	819	1 160	1 252	1 160	1 127	1 727	2 000	2 239	2 414
C.I.S.	15 397	16 771	16 522	16 048	11 266	11 095	13 840	14 636	15 563	13 218

Table 30
(continued)

Imports of Semi-finished and Finished Steel Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	10 903	9 618	8 895	10 293	8 021	7 727	8 809	9 110	9 267	6 824
Costa Rica	461	411	417	446	504	786	875	901	723	585
Cuba	216	171	187	131	272	187	174	145	138	65
Dominican Republic	603	491	583	734	829	827	859	1 062	964	869
El Salvador	174	197	262	246	313	367	389	397	363	258
Guatemala	547	441	548	649	920	935	859	783	847	825
Honduras	196	266	230	270	306	300	399	362	391	420
Jamaica	79	125	100	142	158	133	191	159	199	164
Mexico	6 846	9 266	8 117	9 111	10 031	9 679	11 625	10 995	11 542	9 744
Nicaragua	72	95	73	112	171	223	160	130	108	102
Panama	542	442	585	725	590	580	566	526	450	1 667
Trinidad and Tobago	140	178	193	256	231	222	230	215	212	171
United States	26 590	30 886	29 812	41 369	36 485	30 913	35 366	31 726	27 116	19 880
Other North America	188	163	195	179	258	277	312	279	482	406
North America	47 556	52 750	50 195	64 664	59 090	53 156	60 816	56 789	52 803	41 980
Argentina	1 272	1 315	1 152	920	1 195	772	1 556	843	646	675
Bolivia	380	381	421	464	428	509	497	497	547	373
Brazil	3 783	3 777	3 683	3 947	3 195	1 864	2 313	2 373	2 330	1 933
Chile	1 377	1 557	1 696	1 729	1 905	1 798	1 899	2 076	2 204	1 851
Colombia	2 439	1 894	2 628	3 125	2 912	2 748	2 486	2 863	2 662	1 822
Ecuador	1 195	1 095	1 236	1 283	1 027	927	1 096	851	1 026	831
Paraguay	272	264	339	390	303	328	371	474	337	213
Peru	1 862	1 573	1 880	2 015	2 209	2 247	1 859	2 176	2 512	1 664
Uruguay	195	141	189	212	215	156	177	172	655	200
Venezuela	644	1 011	980	897	725	318	128	44	56	43
Other South America	72	78	86	86	110	82	90	110	136	145
South America	13 491	13 085	14 291	15 066	14 225	11 750	12 472	12 480	13 112	9 751
Algeria	3 947	4 723	5 126	5 975	6 300	5 465	4 619	3 181	3 416	2 029
Cameroon	158	234	233	269	281	243	195	221	205	321
Egypt	2 574	3 654	4 237	6 167	7 881	9 197	1 639	421	592	177
Ghana	779	716	699	767	889	836	704	753	952	1 060
Ivory Coast	191	205	266	301	345	397	413	399	371	551
Kenya	1 207	949	1 308	1 333	1 708	1 491	1 364	1 415	3 124	2 193
Libya	154	746	967	610	419	173	136	383	392	211
Morocco	1 421	1 294	1 641	1 670	2 019	2 152	1 535	1 356	2 236	1 976
Nigeria	1 762	1 753	2 193	1 955	1 677	1 209	1 022	1 497	1 509	1 476
Senegal	403	368	313	386	419	517	476	593	581	611
South Africa	1 259	1 108	1 759	1 418	1 699	1 392	1 186	1 024	1 110	1 103
Sudan	400	426	387	310	507	576	611	440	462	509
Tanzania	443	411	726	602	667	551	535	732	946	751
Tunisia	997	810	886	955	1 098	1 010	1 169	1 300	1 035	1 044
Other Africa	3 541	4 203	4 701	4 973	5 219	4 496	3 867	4 173	4 996	4 411
Africa	19 235	21 602	25 441	27 692	31 128	29 704	19 470	17 887	21 927	18 423
Bahrain	197	176	99	94	160	417	590	493	442	370
Iran	8 556	5 604	3 111	4 187	4 472	4 683	3 098	1 790	363	405
Iraq	2 676	4 028	4 480	3 116	2 878	2 472	2 366	2 781	2 138	1 941
Israel	1 808	1 926	2 164	2 335	2 651	2 983	2 828	3 023	3 183	3 238
Jordan	1 094	1 245	868	854	863	1 392	765	824	734	815
Kuwait	1 123	788	680	728	1 000	1 477	1 141	1 149	1 459	887
Lebanon	2 748	2 999	1 500	1 482	1 196	1 515	1 177	961	752	429
Oman	689	862	688	968	1 182	1 768	1 538	1 734	1 380	897
Qatar	239	319	215	272	300	443	473	732	650	836
Saudi Arabia	6 210	8 092	6 664	6 641	6 491	7 355	4 610	3 739	7 945	7 006
Syria	1 977	638	267	350	325	277	292	288	184	348
United Arab Emirates	6 115	6 242	5 590	6 647	6 608	7 422	6 501	5 747	5 441	4 933
Yemen	355	653	859	899	402	802	893	1 018	1 336	1 223
Other Middle East	...	0	...	0	3	0	0	0	...	...
Middle East	33 786	33 572	27 184	28 572	28 530	33 007	26 271	24 277	26 007	23 327

Table 30
(continued)

Imports of Semi-finished and Finished Steel Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	1 990	2 316	2 468	2 720	4 030	4 014	2 673	3 140	3 040	2 530
China	16 349	14 154	14 774	14 903	13 178	13 581	13 909	14 366	15 511	37 905
Hong Kong	3 013	3 029	3 365	3 827	3 694	3 306	3 027	2 763	2 671	2 644
India	9 213	9 341	7 392	9 477	13 284	9 904	8 882	9 026	8 921	5 038
Indonesia	8 595	12 032	12 297	11 026	11 413	12 574	11 414	11 700	13 454	9 308
Japan	5 563	5 733	5 413	6 733	5 918	6 014	6 233	6 040	6 455	5 065
D.P.R. Korea (e)	114	124	133	175	234	254	179	3	0	0
South Korea	22 828	20 402	19 033	22 408	21 674	23 285	19 323	14 928	16 352	11 502
Malaysia	5 067	5 942	6 722	7 637	7 816	9 073	7 738	7 952	7 372	5 774
Myanmar	1 193	1 439	1 437	2 147	2 420	2 374	2 004	2 076	2 366	2 502
Pakistan	1 591	1 953	2 062	2 477	3 411	4 358	3 917	3 474	2 690	2 263
Philippines	3 927	4 384	4 972	6 805	7 282	7 248	7 308	9 104	7 214	6 645
Singapore	5 438	5 399	6 167	5 673	5 180	4 285	3 648	4 057	4 240	3 210
Sri Lanka	529	613	586	673	951	1 068	1 050	996	905	805
Taiwan, China	7 552	7 521	7 764	8 859	7 510	7 862	7 425	7 694	7 318	7 328
Thailand	12 498	15 183	15 866	15 081	14 628	17 605	14 486	15 468	16 745	10 752
Vietnam	7 869	7 779	9 951	12 359	16 343	19 499	16 222	14 155	15 432	13 634
Other Asia	3 903	2 729	2 135	2 635	2 445	3 355	4 354	4 869	6 743	3 558
Asia	117 232	120 072	122 538	135 615	141 407	149 657	133 792	131 812	137 430	130 463
Australia	2 346	2 884	2 208	2 978	2 868	1 935	2 269	2 290	1 860	1 784
New Zealand	310	329	362	388	394	409	402	393	382	275
Other Oceania	596	477	256	265	307	329	315	274	285	288
Oceania	3 253	3 690	2 826	3 630	3 569	2 673	2 986	2 957	2 527	2 347
World	404 329	401 851	401 423	442 704	452 996	463 342	447 702	444 210	440 875	386 328

Table 31

Exports of Ingots and Semis

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	294	234	301	247	241	208	236	215	207	155
Belgium	451	321	287	195	163	466	469	196	125	122
Bulgaria	25	14	12	7	2	5	2	0	8	3
Croatia	30	4	79	118	127	3	3	120	102	39
Cyprus	0	...	...	...	...	0	...	...	...	...
Czechia	355	292	259	283	266	368	339	410	265	222
Denmark	18	21	22	17	18	20	23	29	28	26
Estonia	1	1	0	0	0	0	0	0	0	0
Germany	2 100	1 690	1 822	1 939	1 910	1 899	1 891	1 805	1 485	1 537
Finland	219	128	50	76	125	12	30	83	18	18
France	1 992	2 233	1 132	1 236	767	796	1 177	1 407	1 468	1 025
Greece	140	60	44	51	47	109	178	203	123	97
Hungary	26	3	10	23	20	60	23	12	8	8
Ireland	1	0	0	1	1	1	1	1	1	1
Italy	909	831	703	654	461	544	754	788	765	518
Latvia	5	73	33	0	0	0	0	1	0	1
Lithuania	0	0	0	0	0	0	0	0	3	1
Luxembourg	37	27	26	15	21	25	29	50	24	11
Malta	...	0	...	...	...	...	...	0	...	0
Netherlands	1 402	1 174	667	635	785	731	998	522	336	181
Poland	835	599	375	720	674	700	561	591	766	505
Portugal	109	36	72	151	155	207	335	262	203	190
Romania	268	200	156	187	103	79	241	315	309	192
Slovakia	222	417	129	306	563	518	641	493	109	71
Slovenia	39	33	42	47	28	26	23	27	29	15
Spain	194	122	226	112	151	238	294	182	142	121
Sweden	244	448	416	256	174	187	220	223	470	350
United Kingdom	903	2 078	3 494	3 534	2 687	842	846	946	756	687
European Union (28)	10 818	11 040	10 357	10 810	9 492	8 044	9 314	8 884	7 750	6 096
o/w: extra-E.U.(28)	3 191	4 657	4 411	4 119	2 848	1 061	2 106	1 862	1 488	1 305
Albania	167	124	46	104	50	4	...	...	0	3
Bosnia-Herzegovina	84	110	114	161	119	52	17	25	22	0
Montenegro	8	3	2	0	1	2	0	0	0	0
Norway	92	163	88	54	40	40	72	41	92	72
Serbia	111	188	267	266	120	13	55	38	18	6
Switzerland	85	70	75	75	94	98	107	86	73	72
Turkey	2 455	2 980	1 567	603	305	272	891	1 021	1 336	718
Other Europe	0	0	0	5	...	0	0	0	0	0
Other Europe	3 004	3 639	2 159	1 268	728	480	1 142	1 211	1 540	871
Belarus	611	709	385	585	523	112	244	262	288	237
Kazakhstan	754	786	202	369	289	665	545	563	692	608
Russia	13 166	15 507	13 783	14 156	15 310	15 789	15 141	16 743	15 272	13 408
Ukraine	10 816	10 101	10 952	9 290	7 849	7 833	6 372	6 402	7 122	7 585
Other C.I.S.	9	25	123	93	59	152	156	73	99	61
C.I.S.	25 356	27 128	25 446	24 493	24 030	24 552	22 458	24 044	23 473	21 899
Canada	1 095	664	314	386	205	155	256	161	397	199
Cuba	35	8	33	23	...	32	49	49	16	...
Mexico	1 833	1 020	1 340	1 291	707	731	1 037	2 000	1 682	2 017
Trinidad and Tobago	...	12	0	...	21	1	...	...	...	...
United States	907	808	449	295	142	113	146	95	76	130
Other North America	0	5	1	0	26	16	47	33	36	0
North America	3 870	2 516	2 136	1 995	1 101	1 048	1 535	2 338	2 208	2 346

Table 31
(continued)

Exports of Ingots and Semis

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Argentina	65	53	56	180	103	32	4	...	...	...
Brazil	7 170	6 637	5 273	6 295	8 717	8 446	9 758	9 207	8 642	7 792
Venezuela	35	...	...	...	6	16	23	7	58	27
Other South America	4	0	9	26	0	8	33	11	0	64
South America	7 274	6 691	5 338	6 502	8 825	8 502	9 817	9 225	8 699	7 883
Egypt	30	23	181	110	34	15	122	206	2	4
Libya	31	35	...	...	13	4	0	3	15	56
South Africa	208	111	26	70	154	138	369	348	1 949	214
Other Africa	15	16	4	9	7	10	12	52	1	21
Africa	284	186	210	188	207	166	503	609	1 966	296
Iran	6	1	90	746	1 353	3 372	5 940	6 265	752	1 679
Oman	15	0	...	32	74	108	481	633	1 701	2 404
Qatar	201	0	3	44	...	123	290	0	461	187
Saudi Arabia	4	102	70	29	7	10	16	208	165	18
United Arab Emirates	48	26	2	423	189	713	1 044	994	1 663	1 055
Other Middle East	2	5	386	94	230	559	803	731	795	727
Middle East	276	133	550	1 367	1 854	4 885	8 573	8 831	5 537	6 071
China	5	4	4	7	8	13	12	15	38	19
India	481	601	1 253	1 601	769	1 766	2 786	2 452	2 717	6 046
Indonesia	2	4	6	313	635	752	1 027	1 226	781	2 127
Japan	5 162	5 519	5 966	5 330	4 814	4 542	4 326	4 064	3 493	4 074
D.P.R. Korea (e)	60	50	44	38	23	18	16	13	10	3
South Korea	1 719	1 985	1 346	870	483	352	912	693	342	770
Malaysia	916	602	146	102	118	105	59	219	2 149	1 553
Philippines	34	0	0	0	0	0	0	0	0	0
Singapore	20	13	17	60	13	6	20	35	5	6
Taiwan, China	367	344	690	449	215	669	293	189	50	26
Thailand	160	113	49	6	4	118	255	174	120	137
Vietnam	116	82	81	126	25	1	654	764	930	3 767
Other Asia	25	23	8	24	23	15	61	537	64	90
Asia	9 067	9 340	9 611	8 925	7 130	8 359	10 422	10 380	10 699	18 618
Australia	52	12	28	59	49	41	18	95	66	2
New Zealand	5	9	9	9	11	1	0	0	1	6
Other Oceania	...	...	0	0	...	...	...	0	...	...
Oceania	57	21	37	68	60	42	18	96	66	8
World	60 007	60 694	55 843	55 616	53 426	56 077	63 783	65 617	61 940	64 088

Table 32

Imports of Ingots and Semis

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	185	182	155	289	604	603	570	576	91	76
Belgium	2 910	2 448	1 631	1 813	2 180	1 919	2 138	2 721	2 487	2 318
Bulgaria	412	299	413	339	376	479	368	540	477	548
Croatia	2	14	2	2	3	3	3	3	28	3
Cyprus	0	0	0	0	0	0	0	0	1	0
Czechia	322	345	355	291	393	617	739	778	648	603
Denmark	606	421	552	560	634	677	654	733	697	654
Estonia	1	1	1	0	0	0	0	0	1	0
Germany	2 263	1 728	1 352	2 066	1 886	1 899	2 252	1 831	1 017	427
Finland	17	10	6	4	4	22	31	32	203	236
France	2 028	1 718	1 694	1 800	2 094	2 298	1 829	1 656	1 465	1 147
Greece	72	18	45	34	50	13	3	1	6	8
Hungary	239	566	1 156	726	229	371	138	212	202	87
Ireland	2	2	3	8	7	7	10	9	8	5
Italy	3 631	3 168	3 198	3 127	3 802	3 784	3 900	3 939	4 808	3 424
Latvia	406	3	3	3	206	29	4	7	6	4
Lithuania	3	5	7	9	1	2	1	1	3	2
Luxembourg	359	138	130	136	115	80	23	49	74	50
Malta	0	0	0	0	0	0	0	0	0	0
Netherlands	1 288	1 045	387	738	750	982	804	562	352	212
Poland	333	575	603	401	238	313	340	699	521	622
Portugal	14	33	22	27	47	41	41	29	23	22
Romania	771	329	226	303	304	220	252	247	210	248
Slovakia	24	7	12	9	13	19	11	11	16	34
Slovenia	32	21	21	28	18	21	23	27	29	12
Spain	797	711	768	953	843	1 127	965	1 087	1 215	949
Sweden	218	131	119	168	244	205	231	288	186	135
United Kingdom	1 185	828	444	342	363	432	451	834	611	365
European Union (28)	18 119	14 744	13 304	14 176	15 404	16 163	15 782	16 873	15 384	12 192
o/w: extra-E.U.(28)	7 858	7 033	6 346	6 083	6 562	9 933	9 363	10 064	9 425	7 368
Albania	0	0	0	0	0	24	0	0	1	0
Bosnia-Herzegovina	20	9	12	3	1	2	4	49	2	1
Iceland	1	0	1	0	1	0	1	2	2	1
Macedonia	93	60	44	144	66	176	82	128	163	143
Montenegro	0	0	0	0	0	...	0	0	0	0
Norway	5	6	8	8	8	5	10	13	17	10
Serbia	35	2	1	3	3	9	16	8	25	3
Switzerland	61	49	45	33	24	21	38	38	38	33
Turkey	2 158	3 356	5 430	4 777	7 885	6 160	4 835	4 760	3 406	3 980
Other Europe	1	0	0	0	0	0	0	0	0	0
Other Europe	2 375	3 482	5 542	4 967	7 989	6 396	4 986	4 998	3 655	4 173
Armenia	...	0	0	0	0	0	2	1	4	5
Azerbaijan	108	82	72	113	11	6	1	12	1	0
Belarus	4	7	104	17	3	3	23	17	4	3
Georgia	2	2	42	11	8	8	11	21	9	11
Kazakhstan	754	786	202	369	1	1	0	0	0	0
Kyrgyzstan	0	0	0	0	0	0	0	0	0	...
Moldova	0	59	19	51	0	0	0	0	29	5
Russia	38	19	21	10	8	6	72	231	390	43
Tajikistan	0	2	0	1	3	0	0	2	0	0
Turkmenistan	0	150	185	19	0	0	0	0	0	0
Ukraine	511	363	84	71	14	22	28	51	48	23
Uzbekistan	0	0	0	104	254	240	389	476	517	433
C.I.S.	1 419	1 472	731	767	303	286	526	810	1 005	523

Table 32
(continued) **Imports of Ingots and Semis**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	2 292	470	278	557	267	249	576	845	2 455	937
Costa Rica	106	70	21	0	106	184	320	268	213	169
Cuba	2	2	1	1	1	0	0	0	0	...
Dominican Republic	333	247	271	406	306	424	332	504	467	461
El Salvador	0	18	16	13	0	...	...	49	40	31
Guatemala	95	71	40	48	13	...	...	190	198	173
Honduras	57	55	37	29	10	...	...	...	67	76
Jamaica	0	1	0	0	0	1	1	0	0	0
Mexico	226	1 007	333	520	520	419	556	1 473	2 121	2 060
Nicaragua	0	0	0	0	0	0	0	0	0	0
Panama	51	29	12	4	0	...	0	0	...	...
Trinidad and Tobago	0	0	0	0	0	0	1	0	0	0
United States	6 076	6 915	6 638	9 562	6 560	6 014	7 669	7 372	7 191	4 841
Other North America	27	9	44	2	2	1	1	2	3	21
North America	9 265	8 895	7 691	11 141	7 786	7 292	9 456	10 704	12 754	8 769
Argentina	280	348	346	110	99	118	525	75	13	153
Bolivia	0	0	0	0	0	0	0	3	0	0
Brazil	25	32	11	14	74	245	86	173	211	80
Chile	10	59	60	1	0	23	3	76	60	0
Colombia	120	69	133	244	163	193	109	139	85	78
Ecuador	117	54	75	34	0	33	27	8	1	0
Paraguay	0	...	0	0	0	8	0	0	0	0
Peru	246	221	400	219	296	341	203	249	260	231
Uruguay	16	40	0	0	...	0	0	...	12	0
Venezuela	2	1	1	1	7	1	0	0	0	0
Other South America	0	1	1	0	0	0	0	0	0	0
South America	816	825	1 026	624	639	961	953	724	642	541
Algeria	8	15	65	208	502	586	1 780	1 220	997	527
Cameroon	0	15	16	4	6	18	36	37	32	80
Egypt	1 012	1 613	2 602	3 085	3 570	3 994	380	5	27	1
Ghana	1	0	1	0	10	5	0	0	144	22
Ivory Coast	0	0	0	0	0	0	0	0	0	0
Kenya	117	135	157	162	177	119	212	214	1 811	448
Libya	0	63	112	67	181	31	72	273	137	49
Morocco	548	402	581	567	919	1 142	526	419	944	869
Nigeria	28	49	85	103	95	65	51	8	111	161
Senegal	2	1	0	0	5	0	0	0	3	0
South Africa	89	10	116	139	32	17	10	13	11	6
Sudan	66	92	79	12	13	45	164	131	70	5
Tanzania	2	4	12	14	25	39	22	38	118	80
Tunisia	287	262	337	340	494	364	552	598	393	482
Other Africa	30	51	59	91	58	42	185	143	324	221
Africa	2 188	2 713	4 221	4 793	6 088	6 467	3 993	3 098	5 122	2 952
Bahrain	14	1	16	1	5	4	39	29	9	2
Iran	2 085	2 053	304	346	142	255	48	39	0	0
Iraq	0	29	13	2	0	0	0	40	0	0
Israel	26	66	8	20	57	37	2	14	10	19
Jordan	329	434	379	325	239	662	222	195	193	176
Kuwait	0	0	0	0	0	2	3	33	1	0
Lebanon	1 672	1 824	149	0	0	0	0	10	0	6
Oman	72	153	71	0	0	354	565	473	104	56
Qatar	13	28	0	5	0	4	0	1	16	173 e
Saudi Arabia	1 793	2 488	1 962	1 196	1 557	1 195	257	206	344	783
Syria	901	266	152	122	39	35	17	14	0	0
United Arab Emirates	327	330	130	121	5	732	1 397	1 261	487	567
Yemen	0	0	0	...	0	0	0	0	0	...
Middle East	7 234	7 670	3 183	2 139	2 045	3 280	2 551	2 316	1 164	1 782

Table 32
(continued)

Imports of Ingots and Semis

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	752	1 002	1 026	916	460	875	129	27	10	1
China	666	402	611	347	301	288	522	1 081	3 105	18 394
Hong Kong	137	70	69	4	17	17	20	0	0	10
India	563	823	248	413	765	577	555	598	377	214
Indonesia	2 175	3 818	3 828	3 697	4 574	5 394	4 158	3 772	4 768	3 814
Japan	224	287	165	259	156	202	234	352	333	221
D.P.R. Korea (e)	0	0	...	0	0	...	0	3	...	...
South Korea	4 189	2 760	2 383	3 075	2 938	3 433	2 350	2 004	2 233	1 355
Malaysia	142	251	142	187	171	223	323	310	442	233
Myanmar	10	11	36	12	21	1	8	1	7	1
Pakistan	106	41	59	20	13	29	106	73	4	14
Philippines	786	328	311	172	431	1 034	2 129	3 394	2 652	2 508
Singapore	40	20	23	23	11	8	32	11	15	45
Sri Lanka	172	240	239	223	197	193	441	400	432	295
Taiwan, China	3 978	3 966	3 493	4 068	3 405	3 657	3 518	3 937	3 438	3 365
Thailand	3 409	3 991	3 684	3 127	3 171	4 940	3 002	3 321	4 175	1 111
Vietnam	814	452	358	336	591	754	409	162	76	8
Other Asia	221	292	291	508	591	521	1 141	1 199	1 017	894
Asia	18 385	18 753	16 965	17 387	17 812	22 146	19 077	20 645	23 084	32 483
Australia	7	5	3	32	2	16	3	1	2	56
New Zealand	1	1	1	1	2	1	1	2	1	1
Other Oceania	14	19	9	14	17	16	28	13	17	15
Oceania	23	25	13	47	20	32	31	16	20	72
World	59 824	58 579	52 675	56 041	58 086	63 023	57 355	60 185	62 831	63 487

Table 33

Exports of Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	1 384	935	942	1 456	1 518	1 642	1 662	1 590	1 435	1 313
Belgium	1 836	1 484	1 284	1 390	1 324	1 265	1 400	1 950	1 412	1 036
Bulgaria	719	523	546	550	486	579	506	629	561	588
Croatia	7	8	16	59	54	55	24	49	32	33
Cyprus	0	...	0	0	0	0	0	...	...	0
Czechia	2 698	2 693	2 674	2 619	2 729	2 854	2 643	2 751	2 590	2 568
Denmark	252	204	200	171	201	204	225	226	198	192
Estonia	26	35	36	32	30	29	31	47	57	47
Germany	7 139	7 322	6 859	7 094	7 148	7 047	7 071	7 035	6 397	5 902
Finland	466	299	137	188	188	195	211	209	185	161
France	2 653	2 500	2 499	2 482	2 416	2 395	2 493	2 367	2 036	1 665
Greece	1 137	818	634	505	537	595	786	854	816	778
Hungary	187	164	222	208	190	223	248	269	285	294
Ireland	28	35	29	37	41	57	46	54	45	38
Italy	4 845	5 050	5 251	5 642	5 569	6 125	6 270	6 369	6 425	5 964
Latvia	596	837	312	58	235	99	50	73	66	52
Lithuania	191	220	192	194	247	297	296	312	241	287
Luxembourg	2 760	2 296	2 073	2 221	2 194	2 178	2 198	2 253	2 166	1 883
Malta	0	...	0	0	0	0	0	0	0	...
Netherlands	986	862	666	697	738	881	985	1 162	882	772
Poland	2 681	2 990	2 760	2 488	2 528	2 568	2 790	2 737	2 589	2 678
Portugal	1 188	1 343	1 517	1 705	1 571	1 600	1 602	1 471	1 483	1 410
Romania	1 003	569	317	356	423	439	488	467	436	370
Slovakia	388	592	711	506	324	336	322	332	336	341
Slovenia	190	182	191	209	214	237	282	303	239	214
Spain	6 362	6 359	6 157	6 387	6 184	5 849	5 634	5 488	5 648	4 796
Sweden	642	569	492	511	486	499	551	489	445	386
United Kingdom	2 040	1 832	1 823	1 989	1 865	1 606	1 540	1 610	1 383	1 467
European Union (28)	42 405	40 719	38 540	39 756	39 441	39 856	40 354	41 096	38 388	35 235
<i>o/w: extra-E.U.(28)</i>	<i>12 563</i>	<i>13 207</i>	<i>12 995</i>	<i>13 285</i>	<i>12 727</i>	<i>11 134</i>	<i>10 116</i>	<i>9 101</i>	<i>8 285</i>	<i>7 191</i>
Albania	6	1	61	35	23	1	2	3	5	11
Bosnia-Herzegovina	285	312	316	352	390	416	409	309	355	344
Iceland	0	0	0	0	0	1	0	0	0	0
Macedonia	45	42	22	31	42	25	43	71	71	71
Montenegro	27	17	10	4	21	17	17	16	18	13
Norway	329	356	362	360	368	399	350	344	351	358
Serbia	26	24	35	30	29	23	48	47	53	60
Switzerland	665	645	670	640	666	663	721	721	554	513
Turkey	10 527	11 774	11 447	10 993	10 183	10 193	9 257	10 632	10 554	10 212
Other Europe	0	0	0	0	0	0	0	4	1	1
Other Europe	11 909	13 173	12 925	12 446	11 722	11 738	10 847	12 146	11 962	11 583
Belarus	1 117	1 217	1 222	1 287	1 428	1 550	1 496	1 627	1 741	1 679
Kazakhstan	41	44	61	133	114	133	170	173	220	216
Kyrgyzstan	11	9	8	6	2	0	0	0	...	...
Moldova	210	306	142	339	270	191	373	464	319	338
Russia	2 816	2 496	2 199	3 921	4 094	4 347	4 467	4 891	4 434	4 984
Ukraine	5 922	5 937	5 832	4 956	4 326	4 589	3 249	2 859	2 689	2 158
Other C.I.S.	102	83	114	127	52	34	30	48	81	16
C.I.S.	10 217	10 090	9 579	10 769	10 285	10 845	9 787	10 063	9 483	9 391

Table 33
(continued)

Exports of Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	1 455	1 401	1 348	1 521	1 625	1 545	1 649	1 383	3 127	1 071
Cuba	6	34	6	1	8	...	...	0	...	0
Dominican Republic	85	39	30	39	40	26	34	53	66	54
Mexico	1 330	1 458	1 812	1 534	1 229	1 163	1 302	1 291	1 526	1 524
Trinidad and Tobago	170	163	101	129	56	3	0	0	0	0
United States	3 467	3 629	3 108	2 846	2 102	1 902	2 109	2 012	1 454	1 393
Other North America	4	21	25	40	266	323	396	135	739	4
North America	6 516	6 745	6 430	6 111	5 326	4 962	5 491	4 874	6 912	4 045
Argentina	217	332	284	168	86	71	104	27	21	7
Brazil	1 198	816	932	898	1 110	1 550	1 595	1 468	1 333	1 025
Chile	78	51	24	76	65	70	88	186	226	206
Colombia	7	10	5	4	3	6	11	4	3	5
Ecuador	13	6	8	6	5	6	10	22	30	13
Peru	124	152	155	168	156	203	196	202	239	131
Venezuela	94	46	1	1	...	14	1	4	3	4
Other South America	2	0	0	0	0	10	0	3	2	1
South America	1 733	1 413	1 409	1 321	1 424	1 931	2 006	1 917	1 857	1 392
Egypt	568	347	595	269	30	182	363	323	345	1 082
Libya	7	1	1	3	...	0	0	0	...	0
Morocco	65	44	7	0	0	11	27	61	32	2
South Africa	385	476	492	444	494	437	589	698	834	442
Other Africa	37	52	45	65	41	31	28	24	128	78
Africa	1 062	920	1 140	782	567	660	1 008	1 106	1 339	1 604
Iran	56	31	27	17	26	500	750	1 734	190	45
Israel	35	30	10	1	0	0	1	0	24	1
Oman	67	1	0	0	0	106	88	39	163	193
Qatar	341	8	0	0	0	225	239	1 408	966	360
Saudi Arabia	46	3	2	1	1	110	376	648	985	590
United Arab Emirates	431	39	97	207	184	855	667	583	1 067	1 111
Other Middle East	17	11	115	52	69	337	92	97	114	435
Middle East	992	122	251	278	280	2 133	2 212	4 509	3 508	2 735
China	11 597	17 565	23 512	38 327	52 351	49 482	21 956	18 745	15 362	12 091
Hong Kong	215	252	318	478	527	408	310	282	254	333
India	949	707	776	908	766	1 051	1 848	1 501	1 540	1 469
Indonesia	262	115	138	115	98	145	179	214	177	434
Japan	4 861	4 770	5 226	5 243	5 576	5 373	5 063	4 812	4 270	3 373
South Korea	3 819	3 449	3 613	3 836	3 421	3 436	3 488	3 798	3 695	3 293
Malaysia	625	493	390	387	378	426	431	507	2 060	6 165
Singapore	565	561	577	769	857	919	598	723	682	577
Taiwan, China	1 347	1 104	1 113	1 376	1 281	1 425	1 369	1 432	1 132	923
Thailand	875	832	889	872	768	771	790	870	789	541
Vietnam	37	50	54	74	79	301	544	792	679	1 039
Other Asia	412	411	326	333	527	589	660	668	472	386
Asia	25 564	30 310	36 931	52 719	66 629	64 326	37 235	34 345	31 112	30 624
Australia	89	103	99	99	128	119	87	110	152	99
New Zealand	73	75	88	60	54	19	25	13	11	5
Other Oceania	21	0	0	0	0	0	0	0	0	0
Oceania	183	178	187	159	182	138	113	123	163	104
World	100 582	103 670	107 392	124 340	135 856	136 589	109 053	110 179	104 727	96 712

Table 34

Imports of Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	1 164	1 248	1 043	1 243	1 252	1 312	1 395	1 594	1 520	1 378
Belgium	2 034	1 579	1 435	1 576	1 534	1 790	1 833	2 287	1 921	1 674
Bulgaria	397	353	348	367	388	374	428	471	501	397
Croatia	281	274	219	258	280	307	330	319	405	397
Cyprus	187	132	91	79	111	121	184	219	279	244
Czechia	1 351	1 436	1 324	1 160	1 320	1 306	1 420	1 601	1 472	1 367
Denmark	445	424	416	417	450	499	481	509	462	504
Estonia	92	81	82	89	77	131	150	185	199	168
Germany	6 915	6 265	6 088	6 896	6 941	7 435	7 454	7 600	6 492	5 763
Finland	463	436	420	456	437	508	546	536	510	505
France	3 272	3 028	2 964	2 973	2 876	3 086	3 344	3 455	3 403	3 086
Greece	239	185	201	235	226	247	245	274	297	320
Hungary	580	524	550	573	688	770	828	950	936	844
Ireland	207	229	220	258	352	367	411	448	494	430
Italy	2 791	2 124	2 187	2 381	2 717	2 679	2 898	3 274	2 598	2 257
Latvia	118	173	170	173	131	127	150	251	215	134
Lithuania	391	437	445	481	526	674	627	697	628	624
Luxembourg	175	246	237	233	283	270	267	345	264	241
Malta	26	26	21	30	31	33	33	50	56	62
Netherlands	2 946	2 594	2 024	2 271	2 096	3 047	3 232	3 925	3 570	3 105
Poland	1 554	1 493	1 674	2 183	2 129	2 148	2 384	2 844	2 476	2 303
Portugal	577	519	706	641	623	645	771	738	837	704
Romania	1 041	1 052	1 031	1 153	1 389	1 416	1 490	1 765	1 873	2 105
Slovakia	838	721	826	819	823	920	904	829	919	1 029
Slovenia	309	299	286	318	331	349	351	424	368	369
Spain	1 221	959	953	1 055	1 143	1 174	1 308	1 583	1 439	1 230
Sweden	907	812	804	880	916	909	923	915	922	868
United Kingdom	1 696	1 772	1 895	2 313	2 189	2 055	2 132	2 216	2 106	1 491
European Union (28)	32 215	29 419	28 661	31 509	32 258	34 698	36 518	40 303	37 164	33 596
o/w: extra-E.U.(28)	7 845	6 496	6 550	7 855	8 221	7 642	7 592	9 735	7 809	6 432
Albania	177	178	112	93	149	185	121	115	152	183
Bosnia-Herzegovina	87	78	103	100	121	142	164	153	140	156
Iceland	20	20	60	23	26	38	35	45	43	32
Macedonia	77	83	111	93	126	151	119	115	102	105
Montenegro	7	11	10	10	43	56	70	15	26	22
Norway	337	308	320	338	308	349	332	365	336	333
Serbia	218	279	243	292	283	322	334	420	460	503
Switzerland	1 048	1 116	1 144	1 155	1 106	1 265	1 270	1 287	1 226	1 142
Turkey	1 347	1 301	1 456	1 443	1 558	1 662	1 440	1 298	1 076	992
Other Europe	75	70	70	71	144	68	104	86	120	84
Other Europe	3 394	3 445	3 627	3 618	3 862	4 238	3 990	3 899	3 681	3 551
Armenia	53	47	49	48	37	47	48	76	46	67
Azerbaijan	399	429	540	534	327	183	162	222	197	222
Belarus	565	688	740	641	500	491	602	618	650	608
Georgia	141	149	152	187	207	208	150	207	136	178
Kazakhstan	98	158	194	111	55	55	51	98	114	42
Kyrgyzstan	64	107	134	152	130	139	137	168	191	199
Moldova	71	54	83	72	71	89	67	79	81	81
Russia	2 094	2 611	2 768	2 270	1 232	1 081	1 700	1 763	1 573	1 260
Tajikistan	61	95	133	153	244	168	151	196	197	239
Turkmenistan	273	455	541	575	516	333	112	129	131	252
Ukraine	447	417	371	284	207	312	480	590	521	457
Uzbekistan	134	151	193	214	183	203	338	261	318	318
C.I.S.	4 400	5 358	5 898	5 240	3 710	3 307	3 997	4 408	4 156	3 923

Table 34
(continued)

Imports of Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	2 660	3 074	2 672	3 021	2 539	2 589	2 758	2 824	2 334	2 320
Costa Rica	63	54	91	127	158	162	143	190	132	100
Cuba	65	60	62	37	86	57	54	46	47	16
Dominican Republic	95	97	132	143	252	193	258	274	217	188
El Salvador	25	39	57	68	114	146	129	74	97	49
Guatemala	87	96	169	279	538	276	242	202	260	247
Honduras	25	41	62	72	85	178	138	150	53	38
Jamaica	62	104	80	122	141	111	150	127	170	142
Mexico	1 465	1 647	1 524	1 572	1 815	1 615	1 803	1 509	1 431	1 012
Nicaragua	21	32	25	44	74	125	78	78	70	61
Panama	315	261	437	425	361	385	277	290	246	1 628
Trinidad and Tobago	55	61	93	133	124	139	126	127	118	96
United States	4 568	4 979	5 418	7 147	7 567	7 238	6 864	5 370	4 694	3 965
Other North America	87	82	81	98	183	192	211	186	356	300
North America	9 593	10 626	10 902	13 288	14 035	13 405	13 232	11 448	10 225	10 164
Argentina	381	341	334	318	389	228	330	232	254	234
Bolivia	281	277	335	364	359	436	370	388	457	302
Brazil	1 046	1 298	1 329	1 358	1 072	580	550	553	599	501
Chile	371	443	472	393	487	394	418	474	554	426
Colombia	496	730	922	946	1 189	1 009	843	1 015	988	702
Ecuador	230	221	251	259	214	207	137	125	106	91
Paraguay	103	75	152	163	112	105	129	169	126	95
Peru	663	695	672	752	808	805	694	891	1 021	552
Uruguay	75	44	56	73	91	40	46	53	207	99
Venezuela	132	324	170	153	218	35	19	6	14	13
Other South America	20	32	33	32	50	39	42	39	53	52
South America	3 800	4 481	4 727	4 810	4 989	3 879	3 578	3 946	4 381	3 067
Algeria	3 193	3 732	3 936	4 480	4 460	3 502	1 445	866	1 134	547
Cameroon	83	120	88	161	195	135	83	81	82	125
Egypt	584	784	446	1 533	2 538	2 761	71	35	31	18
Ghana	410	342	338	403	409	397	273	301	275	410
Ivory Coast	80	89	140	156	180	205	218	187	188	302
Kenya	231	153	249	416	597	493	280	277	275	537
Libya	103	528	574	370	111	74	26	58	118	65
Morocco	468	537	644	685	652	627	561	519	714	578
Nigeria	502	586	553	447	417	324	80	198	227	137
Senegal	304	269	222	280	290	379	347	431	425	422
South Africa	414	281	335	265	349	330	236	185	172	144
Sudan	63	49	58	57	164	193	85	63	63	244
Tanzania	159	137	215	201	222	154	145	209	350	191
Tunisia	299	212	201	261	255	342	271	273	192	135
Other Africa	1 798	2 244	2 449	2 535	2 830	2 289	1 615	1 832	2 262	1 921
Africa	8 692	10 064	10 448	12 249	13 669	12 208	5 737	5 516	6 508	5 775
Bahrain	51	46	34	28	61	304	367	304	262	199
Iran	1 633	650	679	829	592	551	452	193	58	45
Iraq	1 894	2 614	2 927	1 993	1 620	1 395	1 213	1 591	948	697
Israel	901	1 025	1 236	1 468	1 667	1 943	1 868	2 045	2 198	2 268
Jordan	371	417	232	236	339	254	179	185	163	154
Kuwait	251	176	164	255	325	352	135	159	495	196
Lebanon	708	871	1 079	1 195	878	1 175	846	693	481	295
Oman	193	113	148	459	547	521	121	445	267	96
Qatar	55	85	45	74	102	172	138	203	124	197
Saudi Arabia	1 553	2 147	1 604	1 531	2 092	2 422	1 132	748	1 781	1 508
Syria	371	128	51	120	167	137	139	119	61	271
United Arab Emirates	2 648	2 249	1 908	2 360	2 502	2 374	834	672	577	680
Yemen	274	549	727	747	327	659	765	870	1 134	1 009
Other Middle East	...	...	...	0	2	0	0	0	...	...
Middle East	10 902	11 071	10 833	11 295	11 221	12 258	8 190	8 227	8 550	7 615

Table 34
(continued)

Imports of Long Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	109	96	105	210	1 407	670	235	397	298	227
China	1 812	1 531	1 723	1 835	1 593	1 699	1 789	1 612	1 617	3 708
Hong Kong	1 333	1 600	2 032	2 571	2 695	2 387	2 156	1 985	2 047	2 118
India	904	963	881	1 626	2 015	1 423	1 062	1 198	1 112	668
Indonesia	1 251	1 824	2 099	1 907	1 775	1 798	1 564	1 839	1 837	1 224
Japan	909	979	963	1 154	970	988	1 002	1 016	1 111	851
D.P.R. Korea (e)	41	56	52	71	106	86	33	0	0	...
South Korea	4 492	4 685	4 854	5 489	6 042	6 170	5 230	3 592	4 070	3 013
Malaysia	1 196	1 612	2 114	2 958	3 454	3 791	2 065	2 378	1 738	1 442
Myanmar	420	575	776	1 352	1 475	1 311	1 118	1 136	1 183	1 378
Pakistan	145	160	169	400	684	743	535	449	176	146
Philippines	629	257	334	3 175	4 146	3 305	2 273	2 210	1 490	1 501
Singapore	2 144	2 390	2 987	2 814	3 274	2 492	2 093	2 190	2 135	1 377
Sri Lanka	161	153	130	196	449	508	230	217	148	130
Taiwan, China	923	867	1 143	1 230	1 067	1 166	1 143	1 253	1 075	1 158
Thailand	1 669	2 109	2 475	2 787	2 623	2 899	2 384	2 632	2 652	2 099
Vietnam	1 142	1 271	1 733	2 485	4 130	3 798	1 858	1 718	1 956	1 423
Other Asia	704	919	1 045	974	1 819	1 483	1 737	1 895	2 142	1 361
Asia	19 983	22 047	25 616	33 236	39 723	36 715	28 505	27 714	26 786	23 823
Australia	833	848	730	855	806	914	1 126	1 077	785	690
New Zealand	119	114	130	138	164	167	172	178	157	111
Other Oceania	55	55	56	62	69	78	68	73	66	66
Oceania	1 007	1 017	916	1 054	1 039	1 160	1 366	1 328	1 008	867
World	93 985	97 529	101 630	116 299	124 507	121 867	105 113	106 789	102 459	92 381

Table 35

Exports of Flat Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	4 483	4 383	4 573	4 732	4 978	4 812	5 199	4 800	4 633	4 211
Belgium	13 706	12 260	11 923	12 234	13 394	14 608	15 789	15 415	15 032	11 419
Bulgaria	357	328	272	314	267	242	307	288	267	222
Croatia	7	9	17	16	18	30	21	29	31	24
Cyprus	0	0	0	0	...	0	0	0	0	...
Czechia	1 116	959	1 107	965	1 011	1 186	1 011	1 086	994	1 165
Denmark	604	475	499	514	569	643	662	725	741	653
Estonia	230	143	54	63	57	63	82	73	82	71
Germany	12 748	13 382	12 650	12 993	13 481	13 723	14 695	13 984	13 738	11 765
Finland	1 213	1 291	1 356	1 491	1 549	1 707	1 742	1 736	1 675	910
France	8 261	8 760	9 565	10 395	10 102	9 953	10 568	10 065	9 482	7 064
Greece	167	127	135	180	86	88	90	94	94	84
Hungary	1 128	1 365	1 347	1 216	1 087	976	1 461	1 643	1 384	1 273
Ireland	7	6	8	11	12	21	21	23	25	20
Italy	7 664	8 341	7 225	7 142	6 698	7 316	7 238	6 905	6 649	4 933
Latvia	189	206	225	276	272	322	350	345	351	373
Lithuania	36	36	35	41	44	38	38	36	39	44
Luxembourg	631	534	619	756	682	705	677	704	670	445
Malta	0	...	...	...	0	0	0	0	0	0
Netherlands	7 367	7 155	6 912	7 817	8 481	8 080	8 278	8 699	8 222	6 835
Poland	970	1 333	1 319	1 307	1 358	1 574	2 253	2 055	1 855	1 436
Portugal	227	227	295	337	392	431	443	463	459	454
Romania	1 275	1 312	1 191	1 125	1 448	1 444	1 420	1 411	1 545	1 512
Slovakia	3 434	3 398	3 602	3 736	3 597	3 894	3 881	3 878	3 426	2 814
Slovenia	541	559	538	571	707	700	744	803	772	707
Spain	2 452	2 068	1 888	2 268	2 453	2 409	2 033	1 962	2 581	2 066
Sweden	2 714	2 294	2 270	2 371	2 426	2 849	2 975	2 576	2 638	2 319
United Kingdom	2 366	1 728	2 429	2 426	2 118	1 512	1 805	1 550	1 571	1 458
European Union (28)	73 894	72 678	72 055	75 299	77 289	79 325	83 785	81 350	78 955	64 276
o/w: extra-E.U.(28)	16 578	16 766	18 890	20 467	17 815	14 121	14 817	13 361	13 982	11 413
Macedonia	450	321	237	290	286	321	363	346	340	328
Norway	77	77	70	67	69	74	67	60	54	45
Serbia	953	252	277	418	717	849	973	1 288	1 361	966
Switzerland	154	131	114	113	113	94	100	100	90	78
Turkey	2 299	1 863	2 379	2 501	2 437	3 093	4 293	6 109	5 747	5 551
Other Europe	8	8	3	9	8	3	3	3	3	2
Other Europe	3 941	2 652	3 081	3 398	3 631	4 434	5 798	7 907	7 595	6 969
Belarus	5	9	28	21	12	16	18	16	21	15
Kazakhstan	1 658	823	837	1 090	1 255	1 692	1 009	640	325	754
Russia	7 830	7 669	7 017	8 341	9 041	9 712	9 378	9 218	7 631	8 227
Ukraine	7 561	6 562	6 752	6 275	4 940	5 298	4 968	5 157	5 128	4 973
Other C.I.S.	3	3	1	5	2	4	3	8	1	0
C.I.S.	17 057	15 066	14 635	15 733	15 251	16 721	15 377	15 038	13 107	13 970
Canada	2 761	2 957	3 037	3 256	3 207	3 409	3 581	3 839	3 452	3 210
Mexico	1 399	1 099	1 308	1 255	1 007	1 126	1 130	1 181	891	748
United States	6 807	6 734	6 591	6 545	6 049	5 868	6 588	5 275	4 782	4 032
Other North America	5	4	4	12	206	245	373	197	63	3
North America	10 973	10 794	10 940	11 069	10 470	10 648	11 672	10 493	9 187	7 993
Argentina	186	190	177	188	144	150	161	14	0	0
Brazil	2 183	1 960	1 513	2 146	3 518	2 982	3 592	2 532	2 188	1 460
Chile	15	11	12	11	8	9	8	23	10	5
Colombia	114	92	77	75	39	46	53	43	27	20
Venezuela	581	98	80	19	72	27	0	11	21	0
Other South America	13	11	6	5	8	5	4	6	17	9
South America	3 091	2 361	1 865	2 445	3 789	3 219	3 818	2 630	2 262	1 493

Table 35
(continued)

Exports of Flat Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Egypt	777	474	1 141	770	135	606	987	921	777	3 215
Libya	54	10	7	...	0	2	17	48	0	6
Morocco	100	88	77	43	31	95	126	80	66	83
South Africa	1 813	1 477	1 221	1 630	1 360	1 490	1 384	1 512	1 142	482
Other Africa	123	65	49	36	14	4	5	81	182	153
Africa	2 867	2 114	2 495	2 479	1 540	2 198	2 519	2 642	2 166	3 938
Iran	205	225	248	695	1 179	1 631	627	995	171	85
Qatar	34	3	0	0	0	1	0	1	16	0
Saudi Arabia	544	85	88	32	61	651	418	351	914	514
United Arab Emirates	329	75	48	80	58	1 559	909	698	648	467
Other Middle East	37	16	3	3	2	12	22	42	34	46
Middle East	1 149	404	387	811	1 299	3 853	1 977	2 087	1 784	1 112
China	26 585	26 966	27 642	43 671	48 465	48 127	43 239	40 302	38 444	31 044
Hong Kong	1 002	881	742	769	595	557	506	405	301	222
India	4 985	4 445	6 369	5 899	4 373	5 791	9 749	5 513	7 541	8 425
Indonesia	507	255	147	448	487	552	927	2 095	2 795	2 351
Japan	27 741	28 136	28 504	27 783	28 589	28 812	26 119	25 166	23 696	21 114
South Korea	20 609	21 625	20 800	23 132	24 831	24 430	23 611	23 285	23 999	21 814
Malaysia	487	391	350	428	495	596	710	698	688	372
Singapore	1 120	1 059	1 068	800	504	494	473	550	687	842
Taiwan, China	8 297	8 587	9 251	9 683	9 229	9 709	9 834	9 966	9 485	8 627
Thailand	278	249	251	243	211	297	428	451	324	220
Vietnam	819	796	915	1 097	1 154	1 869	2 326	3 150	2 980	2 522
Other Asia	536	670	457	443	439	407	369	463	428	503
Asia	92 967	94 060	96 497	114 396	119 372	121 642	118 293	112 043	111 367	98 056
Australia	1 187	443	438	447	579	529	809	724	886	721
New Zealand	361	327	368	208	273	159	161	200	153	186
Other Oceania	0	0	0	0	0	0	0	0	0	0
Oceania	1 549	770	806	655	852	688	970	923	1 039	907
World	207 486	200 899	202 761	226 284	233 494	242 728	244 210	235 112	227 462	198 714

Table 36

Imports of Flat Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	2 006	1 840	1 718	1 806	1 933	2 017	2 205	2 197	2 000	1 763
Belgium	7 674	5 921	6 472	6 805	7 809	8 710	9 359	9 195	8 014	5 798
Bulgaria	622	613	659	649	808	845	888	857	942	889
Croatia	327	298	309	321	382	416	369	359	345	331
Cyprus	36	23	25	23	27	26	25	33	38	36
Czechia	3 633	3 715	3 665	3 766	3 844	3 991	4 311	4 364	4 310	3 907
Denmark	1 120	1 109	1 063	1 037	1 106	1 102	1 088	1 096	1 139	1 009
Estonia	456	357	283	293	281	328	376	379	393	350
Germany	13 140	12 527	12 353	13 009	13 716	14 787	14 955	14 686	13 161	10 062
Finland	501	453	441	398	367	391	419	412	424	372
France	8 005	7 082	7 197	7 350	7 386	7 813	8 436	8 247	8 367	6 373
Greece	1 022	822	853	907	823	1 026	1 006	1 218	1 023	923
Hungary	863	872	1 008	1 113	1 136	1 330	1 550	1 614	1 568	1 401
Ireland	166	164	166	197	208	219	231	221	263	251
Italy	10 068	7 748	9 376	10 165	12 491	12 206	12 147	12 266	12 236	8 873
Latvia	320	351	389	459	457	608	473	582	488	519
Lithuania	207	204	222	234	240	247	279	281	300	292
Luxembourg	710	648	742	773	730	786	754	791	640	377
Malta	5	4	6	6	5	5	5	3	3	3
Netherlands	3 258	3 153	3 055	3 247	3 343	3 665	3 972	4 826	4 742	3 710
Poland	5 057	5 115	5 085	5 855	6 153	6 837	6 977	7 467	7 029	7 038
Portugal	1 325	1 242	1 618	1 706	1 919	1 969	2 085	2 206	2 165	1 877
Romania	1 239	1 240	1 217	1 390	1 389	1 481	1 659	1 548	1 550	1 284
Slovakia	1 157	1 163	1 367	1 436	1 544	1 699	1 779	1 826	1 724	2 272
Slovenia	809	724	727	780	947	991	1 054	1 164	1 119	1 037
Spain	5 925	5 265	5 254	5 598	6 315	6 513	7 028	7 369	6 964	5 970
Sweden	2 286	2 065	1 889	1 718	1 586	1 957	2 210	2 263	2 414	1 778
United Kingdom	3 539	3 536	3 107	3 680	3 615	4 084	4 137	3 923	3 648	2 341
European Union (28)	75 476	68 254	70 268	74 721	80 559	86 049	89 779	91 395	87 007	70 836
o/w: extra-E.U.(28)	24 039	18 573	19 544	21 845	25 449	21 203	21 268	22 478	20 263	16 183
Albania	59	59	47	51	72	61	76	98	112	120
Bosnia-Herzegovina	185	173	137	129	151	206	216	216	231	212
Iceland	9	10	29	10	14	13	12	11	12	8
Macedonia	229	212	181	206	311	427	339	316	285	393
Montenegro	7	5	11	10	15	12	46	22	17	16
Norway	409	396	331	347	309	326	318	296	310	252
Serbia	131	238	297	294	298	233	304	360	379	393
Switzerland	1 165	1 051	1 027	1 040	961	974	995	1 014	890	775
Turkey	6 428	6 446	7 117	6 730	8 608	8 666	9 017	7 492	7 479	7 175
Other Europe	42	41	40	37	50	39	36	32	29	22
Other Europe	8 664	8 633	9 216	8 853	10 787	10 957	11 360	9 856	9 744	9 366
Armenia	22	22	23	26	20	26	35	42	33	31
Azerbaijan	184	271	367	380	238	248	240	216	297	221
Belarus	1 107	1 175	1 151	922	732	782	879	933	932	881
Georgia	109	148	132	162	125	155	185	186	202	207
Kazakhstan	126	205	182	469	175	184	201	153	165	149
Kyrgyzstan	85	115	140	141	103	96	86	94	119	108
Moldova	37	37	40	46	45	50	52	55	62	69
Russia	3 437	3 432	2 950	3 391	2 664	2 785	3 913	3 712	3 772	2 931
Tajikistan	40	68	98	99	111	116	119	142	136	148
Turkmenistan	23	31	48	46	37	34	27	21	42	53
Ukraine	934	1 007	1 209	785	530	727	796	808	851	722
Uzbekistan	379	479	621	716	624	597	799	1 006	1 207	1 266
C.I.S.	6 482	6 989	6 962	7 182	5 404	5 802	7 331	7 365	7 818	6 786

Table 36
(continued)

Imports of Flat Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	3 934	3 853	3 912	4 546	3 630	3 744	3 802	3 623	2 872	2 369
Costa Rica	265	265	273	289	293	371	340	378	295	295
Cuba	130	79	98	71	155	96	102	82	75	40
Dominican Republic	146	127	158	155	219	170	228	244	242	192
El Salvador	144	137	183	157	194	222	232	255	206	169
Guatemala	344	257	316	297	350	411	465	365	359	388
Honduras	109	164	126	159	204	226	289	241	259	300
Jamaica	9	14	16	12	11	15	20	20	16	14
Mexico	4 537	5 854	5 437	6 118	6 773	6 826	8 131	7 362	7 402	6 108
Nicaragua	48	60	39	62	86	89	71	44	31	38
Panama	122	95	167	160	160	144	181	152	129	23
Trinidad and Tobago	48	63	57	69	66	51	62	49	67	39
United States	8 753	10 179	9 824	15 640	14 734	12 687	12 545	11 522	9 062	7 518
Other North America	32	42	42	41	46	54	70	61	66	56
North America	18 620	21 189	20 647	27 777	26 922	25 105	26 540	24 399	21 081	17 550
Argentina	492	518	400	396	627	377	662	593	295	246
Bolivia	51	64	48	58	31	182	149	79	57	48
Brazil	2 358	2 101	1 989	2 315	1 839	904	1 529	1 499	1 353	1 168
Chile	831	1 082	1 009	1 174	1 253	1 190	1 314	1 332	1 359	1 225
Colombia	1 265	1 356	1 193	1 536	1 304	1 313	1 267	1 308	1 263	873
Ecuador	618	628	722	713	689	608	850	604	801	664
Paraguay	156	76	122	186	180	180	226	274	202	108
Peru	681	854	682	839	781	888	794	821	963	743
Uruguay	88	64	111	102	95	81	98	89	271	64
Venezuela	201	388	280	311	293	65	29	7	16	19
Other South America	33	28	38	33	36	28	31	34	37	32
South America	6 774	7 158	6 593	7 662	7 128	5 814	6 950	6 640	6 617	5 191
Algeria	459	678	709	956	1 065	862	936	697	839	678
Cameroon	40	44	56	55	55	68	61	74	74	97
Egypt	668	901	855	1 212	1 375	1 633	289	168	117	93
Ghana	297	279	298	282	328	320	308	327	442	469
Ivory Coast	106	105	111	124	152	179	170	189	159	228
Kenya	819	623	826	712	850	845	836	882	1 007	1 179
Libya	8	92	185	130	116	55	28	42	100	61
Morocco	332	299	347	350	470	308	381	349	465	389
Nigeria	984	922	1 206	1 069	939	740	737	959	882	997
Senegal	87	76	77	84	101	105	97	134	123	144
South Africa	587	646	1 088	850	1 149	912	786	676	800	834
Sudan	205	240	205	199	279	314	338	216	307	250
Tanzania	258	248	339	310	382	337	338	407	450	448
Tunisia	378	299	318	292	272	265	294	383	407	396
Other Africa	1 214	1 282	1 526	1 605	1 727	1 724	1 652	1 794	1 932	1 692
Africa	6 441	6 735	8 146	8 231	9 258	8 671	7 252	7 297	8 104	7 955
Bahrain	65	52	29	25	37	65	97	78	68	59
Iran	3 980	2 049	1 728	3 024	4 140	3 533	2 280	1 309	209	240
Iraq	180	313	433	442	478	548	546	579	588	764
Israel	680	714	804	676	784	808	777	777	773	710
Jordan	281	367	235	269	256	415	331	379	340	418
Kuwait	334	243	200	234	321	302	276	390	404	246
Lebanon	353	284	248	259	289	303	303	234	249	119
Oman	176	257	183	247	292	391	422	445	493	359
Qatar	59	49	75	79	100	140	178	265	213	247
Saudi Arabia	2 056	2 557	2 056	2 736	2 815	2 646	2 110	2 025	4 521	3 697
Syria	616	210	56	84	86	77	110	124	97	48
United Arab Emirates	2 108	2 371	2 151	2 684	2 772	3 004	3 255	2 935	3 236	2 911
Yemen	62	82	90	116	62	115	100	113	153	163
Other Middle East	...	...	...	...	1	0	0	0	...	...
Middle East	10 950	9 548	8 288	10 873	12 432	12 348	10 785	9 653	11 344	9 982

Table 36
(continued)

Imports of Flat Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	1 078	1 118	1 265	1 507	2 020	2 394	2 177	2 461	2 556	2 125
China	13 202	11 666	11 885	12 082	10 774	11 081	11 062	11 107	10 324	15 294
Hong Kong	1 336	1 140	1 052	996	762	715	694	587	462	365
India	6 896	6 868	5 648	6 744	9 829	7 119	6 573	6 259	6 470	3 542
Indonesia	4 327	5 117	5 231	4 556	4 336	4 745	5 136	5 402	6 101	3 546
Japan	4 097	4 100	3 908	4 884	4 423	4 474	4 653	4 329	4 678	3 691
D.P.R. Korea (e)	55	50	61	79	96	131	116	0	0	0
South Korea	13 147	11 983	10 783	12 861	11 784	12 832	10 962	8 611	9 318	6 555
Malaysia	2 951	3 187	3 463	3 563	3 748	4 371	4 486	4 665	4 766	3 748
Myanmar	326	342	412	600	674	789	620	694	819	715
Pakistan	1 282	1 663	1 690	1 926	2 456	3 321	3 084	2 765	2 254	1 984
Philippines	2 277	944	1 118	2 926	2 752	2 691	2 710	3 045	2 706	2 262
Singapore	2 269	1 938	2 172	1 728	1 206	1 216	996	1 214	1 374	1 267
Sri Lanka	151	181	176	219	260	323	343	351	294	349
Taiwan, China	2 397	2 467	2 902	3 350	2 827	2 837	2 565	2 274	2 609	2 607
Thailand	6 836	8 428	9 029	8 347	8 135	8 970	8 415	8 768	9 270	7 567
Vietnam	5 603	5 738	7 526	9 090	11 100	14 562	13 588	11 870	12 967	11 793
Other Asia	701	784	634	999	1 625	1 152	1 214	1 378	1 285	1 039
Asia	68 931	67 712	68 956	76 456	78 805	83 722	79 396	75 783	78 252	68 448
Australia	896	980	629	808	714	634	671	661	569	540
New Zealand	122	129	142	145	138	148	132	111	122	75
Other Oceania	37	39	44	34	66	85	67	66	55	62
Oceania	1 054	1 147	816	987	918	867	870	838	745	677
World	203 393	197 366	199 892	222 742	232 213	239 336	240 261	233 226	230 712	196 791

Table 37

Exports of Tubular Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	830	777	759	802	657	591	764	791	700	502
Belgium	406	340	344	310	274	335	349	368	341	308
Bulgaria	91	101	103	119	171	226	522	451	280	299
Croatia	64	10	11	13	14	15	12	16	20	18
Cyprus	0	1	1	1	1	0	4	0	3	12
Czechia	541	562	566	628	577	539	562	584	491	440
Denmark	94	91	68	83	141	74	68	66	62	59
Estonia	14	13	13	16	14	15	21	24	28	30
Germany	4 256	3 298	2 700	2 509	2 419	2 675	2 528	2 979	2 288	1 886
Finland	952	51	30	34	33	31	32	162	1 652	29
France	1 213	995	880	723	584	417	436	450	440	291
Greece	297	208	158	180	323	194	235	477	275	405
Hungary	108	146	168	137	125	128	141	138	151	119
Ireland	8	9	10	14	17	40	22	20	23	24
Italy	3 451	3 441	3 209	3 533	3 411	3 573	3 548	3 696	3 734	3 184
Latvia	38	30	47	58	62	62	56	66	56	36
Lithuania	20	21	25	27	31	37	44	43	55	67
Luxembourg	1	1	1	1	2	2	4	4	2	3
Malta	0	0	0	1	0	0	7	0	1	0
Netherlands	669	522	495	526	593	493	618	586	542	468
Poland	321	366	349	386	398	421	447	492	526	524
Portugal	112	119	156	170	202	200	208	215	235	261
Romania	592	584	586	652	593	528	623	646	598	571
Slovakia	287	313	292	325	284	296	301	296	294	284
Slovenia	48	20	14	22	20	22	32	70	87	97
Spain	740	727	719	738	602	621	746	737	725	659
Sweden	1 432	709	116	113	99	94	92	88	938	88
United Kingdom	637	690	546	547	538	552	455	449	476	628
European Union (28)	17 221	14 148	12 367	12 666	12 183	12 184	12 873	13 916	15 020	11 292
o/w: extra-E.U.(28)	7 564	5 720	4 574	4 427	3 913	3 156	3 738	3 907	5 753	2 396
Macedonia	127	120	113	110	124	167	189	200	150	161
Norway	41	61	43	63	49	56	49	44	87	51
Serbia	21	19	26	29	30	45	58	63	62	74
Switzerland	247	234	226	231	250	240	239	237	189	133
Turkey	1 651	1 900	1 851	1 864	1 354	1 724	1 868	1 987	1 900	1 930
Other Europe	53	42	26	5	4	17	16	12	12	9
Other Europe	2 140	2 377	2 285	2 300	1 812	2 249	2 419	2 545	2 401	2 357
Azerbaijan	89	46	49	31	11	7	44	54	5	15
Belarus	234	229	236	228	206	204	234	259	230	203
Kazakhstan	38	40	31	57	46	10	7	11	6	12
Russia	906	972	625	1 618	1 231	1 307	2 156	2 475	2 114	1 942
Ukraine	1 648	1 536	1 177	966	600	508	632	659	616	477
Other C.I.S.	12	10	33	27	24	8	7	12	11	8
C.I.S.	2 928	2 832	2 153	2 927	2 118	2 044	3 079	3 472	2 983	2 657
Canada	1 032	1 121	1 058	1 028	994	735	966	1 031	729	624
Mexico	914	969	1 104	1 238	896	1 018	1 652	1 302	997	815
United States	1 823	2 108	2 087	1 947	1 369	1 070	1 268	1 123	873	705
Other North America	19	23	24	21	25	136	84	102	124	32
North America	3 787	4 221	4 273	4 235	3 285	2 958	3 970	3 558	2 724	2 177
Argentina	651	596	497	507	166	191	432	88	32	13
Brazil	244	235	335	410	346	275	520	698	555	362
Chile	21	18	11	5	6	4	10	4	4	3
Colombia	65	76	32	21	20	13	25	49	38	21
Venezuela	1	0	0	0	0	0	0	0	0	6
Other South America	34	37	47	47	38	56	63	74	288	66
South America	1 015	962	922	990	576	539	1 050	913	917	472

Table 37
(continued)

Exports of Tubular Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
South Africa	148	137	131	178	166	109	201	288	372	200
Other Africa	101	64	87	66	25	24	23	23	50	71
Africa	249	201	219	244	191	133	224	312	422	270
Iran	1	2	3	0	1	128	114	255	9	3
Qatar	9	2	0	0	0	0	0	1	49	0
Saudi Arabia	99	94	86	60	61	358	312	195	428	175
United Arab Emirates	132	101	111	143	185	266	321	302	414	315
Other Middle East	176	92	96	92	52	84	119	137	139	89
Middle East	417	290	296	297	298	836	865	889	1 040	582
China	9 401	9 931	10 061	10 504	10 286	10 102	9 241	9 269	9 420	7 844
Hong Kong	27	32	27	33	29	23	23	17	13	18
India	2 047	1 989	1 430	1 463	1 215	1 345	1 602	1 251	1 226	976
Indonesia	477	527	368	465	782	150	286	248	192	195
Japan	2 802	2 937	2 715	2 894	1 745	1 730	1 915	1 750	1 620	1 229
South Korea	2 617	3 070	3 085	3 975	2 352	2 301	3 260	2 198	1 872	1 672
Malaysia	702	817	717	1 163	812	280	508	255	249	260
Singapore	571	569	555	463	303	248	336	281	350	279
Taiwan, China	534	504	505	578	452	430	620	697	566	388
Thailand	277	362	297	276	255	256	362	404	402	287
Vietnam	161	348	329	223	234	362	507	656	612	429
Other Asia	614	662	507	435	212	237	308	394	373	297
Asia	20 230	21 748	20 597	22 472	18 677	17 464	18 969	17 420	16 895	13 873
Australia	38	45	38	45	61	65	39	42	44	67
New Zealand	5	6	7	5	4	7	3	5	3	2
Other Oceania	0	0	0	0	0	0	0	2	2	0
Oceania	43	51	45	50	66	71	43	49	49	70
World	48 031	46 830	43 156	46 179	39 206	38 480	43 493	43 074	42 450	33 750

Table 38

Imports of Tubular Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	441	370	366	328	327	316	327	359	354	324
Belgium	630	531	502	492	476	514	673	571	525	555
Bulgaria	59	67	75	504	144	254	86	89	227	229
Croatia	63	68	81	81	92	107	103	104	116	101
Cyprus	7	7	14	6	6	7	42	84	11	23
Czechia	490	394	419	483	533	513	553	565	608	495
Denmark	258	276	201	219	223	223	244	219	200	291
Estonia	71	68	62	69	60	80	81	112	115	95
Germany	2 333	2 022	1 903	2 026	2 026	2 257	2 185	2 214	2 173	1 778
Finland	412	147	139	146	141	142	985	469	165	142
France	1 270	1 186	1 153	1 111	1 088	1 150	1 251	1 297	1 229	1 044
Greece	35	43	59	82	72	133	106	101	97	99
Hungary	167	154	173	182	196	219	246	253	266	241
Ireland	62	59	57	76	86	86	104	128	118	109
Italy	863	728	742	802	780	765	969	923	823	729
Latvia	57	54	80	72	62	60	71	93	75	76
Lithuania	80	86	91	122	116	119	148	154	178	186
Luxembourg	9	7	8	6	8	10	9	14	97	81
Malta	2	2	3	3	7	3	3	3	4	3
Netherlands	782	742	649	681	592	638	778	969	878	719
Poland	564	616	591	621	634	744	885	971	847	785
Portugal	99	94	108	121	121	119	141	137	152	154
Romania	271	259	258	309	310	338	384	492	511	501
Slovakia	173	168	176	217	225	220	222	228	247	198
Slovenia	110	77	77	82	92	99	103	108	105	101
Spain	436	337	366	445	506	489	530	637	632	478
Sweden	1 134	681	287	328	287	313	343	887	330	307
United Kingdom	957	902	777	944	906	988	1 030	816	864	698
European Union (28)	11 835	10 148	9 416	10 558	10 116	10 904	12 601	13 000	11 950	10 543
o/w: extra-E.U.(28)	2 992	2 438	2 189	2 482	2 273	2 592	3 620	3 522	3 126	2 500
Albania	22	19	22	29	17	125	53	19	40	16
Bosnia-Herzegovina	21	18	24	33	38	61	68	49	49	53
Iceland	4	6	15	5	9	11	10	7	10	7
Macedonia	4	4	3	5	12	8	11	10	8	8
Montenegro	3	2	4	4	6	7	9	9	11	12
Norway	268	282	283	711	360	306	467	413	396	423
Serbia	79	92	75	78	77	79	84	92	282	119
Switzerland	167	167	178	183	197	198	197	201	178	154
Turkey	356	375	435	422	542	502	503	480	363	363
Other Europe	5	8	16	14	10	12	8	11	18	11
Other Europe	929	973	1 054	1 484	1 267	1 308	1 410	1 292	1 357	1 167
Armenia	3	11	4	6	14	17	20	23	22	43
Azerbaijan	219	276	275	218	261	121	132	208	180	144
Belarus	280	319	327	282	237	230	264	304	299	316
Georgia	56	70	63	89	71	88	97	92	91	91
Kazakhstan	334	509	609	701	271	201	147	163	272	81
Kyrgyzstan	33	43	47	50	68	52	54	50	58	51
Moldova	29	26	35	39	33	27	30	29	46	39
Russia	1 611	814	807	739	439	550	780	628	1 043	489
Tajikistan	10	9	13	23	20	24	10	16	18	17
Turkmenistan	277	534	238	363	244	180	93	83	191	186
Ukraine	85	85	98	60	49	71	94	129	112	83
Uzbekistan	104	177	335	209	95	81	195	257	195	396
C.I.S.	3 041	2 872	2 850	2 776	1 802	1 643	1 916	1 982	2 528	1 936

Table 38
(continued)

Imports of Tubular Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	1 998	2 203	2 003	2 140	1 562	1 128	1 656	1 788	1 562	1 159
Costa Rica	24	21	30	28	41	91	71	65	22	19
Cuba	18	28	24	21	29	33	18	15	16	8
Dominican Republic	27	16	17	25	50	38	40	39	37	28
El Salvador	4	3	6	8	5	13	21	19	19	9
Guatemala	21	16	21	24	18	93	27	26	30	17
Honduras	5	4	5	11	7	9	20	7	12	6
Jamaica	8	6	4	8	6	6	20	11	13	7
Mexico	525	668	725	788	800	729	998	552	498	387
Nicaragua	3	3	7	5	11	9	11	8	7	3
Panama	52	33	107	86	65	61	106	80	63	15
Trinidad and Tobago	37	54	42	53	41	32	39	39	27	37
United States	6 734	8 349	7 488	8 493	6 952	4 567	8 039	7 213	5 948	3 379
Other North America	41	20	27	36	25	29	27	28	53	27
North America	9 496	11 424	10 507	11 726	9 612	6 838	11 094	9 890	8 306	5 102
Argentina	109	100	67	72	60	43	61	60	80	39
Bolivia	47	39	37	41	37	23	29	27	32	23
Brazil	304	314	319	221	168	105	116	120	142	162
Chile	161	234	169	157	160	145	159	189	226	196
Colombia	540	408	371	389	244	172	256	332	311	160
Ecuador	225	190	187	275	113	77	82	104	117	75
Paraguay	13	10	15	17	11	11	15	30	8	9
Peru	270	164	192	205	324	195	167	214	268	138
Uruguay	16	16	22	37	28	29	32	30	165	37
Venezuela	307	439	530	428	205	170	78	31	25	11
Other South America	17	18	14	20	23	14	17	37	46	61
South America	2 011	1 933	1 923	1 860	1 372	985	1 012	1 174	1 422	911
Algeria	279	289	367	323	413	502	450	387	441	272
Cameroon	34	52	72	49	24	21	14	28	17	19
Egypt	306	348	326	328	392	803	898	212	415	65
Ghana	70	90	59	80	139	111	120	122	88	157
Ivory Coast	5	10	14	20	12	11	24	22	22	21
Kenya	38	31	70	39	76	24	31	38	29	28
Libya	46	60	94	42	10	13	10	10	36	36
Morocco	64	50	57	61	64	64	56	63	105	135
Nigeria	243	184	331	324	222	78	152	324	286	179
Senegal	8	9	13	20	23	31	29	25	28	42
South Africa	140	149	193	134	127	112	125	130	114	111
Sudan	64	43	42	40	49	21	22	28	21	9
Tanzania	23	19	158	75	36	20	29	76	26	30
Tunisia	30	29	26	59	75	31	41	38	41	29
Other Africa	465	592	630	686	567	412	388	376	461	560
Africa	1 814	1 954	2 453	2 278	2 230	2 255	2 389	1 879	2 130	1 692
Bahrain	64	75	17	37	27	42	77	58	101	107
Iran	837	845	395	399	336	340	312	247	88	115
Iraq	595	1 051	1 093	670	778	522	604	567	597	478
Israel	192	115	108	165	134	187	172	177	193	227
Jordan	112	27	22	24	28	60	32	64	32	66
Kuwait	536	367	308	237	353	808	716	564	553	443
Lebanon	14	20	23	28	28	37	29	24	21	9
Oman	241	334	281	257	338	498	424	367	512	383
Qatar	105	151	87	106	89	114	147	243	284	210
Saudi Arabia	786	884	1 001	1 150	641	1 057	1 083	744	1 272	1 003
Syria	88	30	7	24	33	27	26	30	26	29
United Arab Emirates	1 001	1 258	1 362	1 448	1 298	1 288	993	851	1 115	759
Yemen	18	22	41	37	13	27	27	35	48	51
Other Middle East	0	0	2	2	0	0	0	0	...	...
Middle East	4 590	5 179	4 748	4 585	4 096	5 008	4 644	3 971	4 844	3 882

Table 38
(continued)

Imports of Tubular Products

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	44	97	58	53	77	70	124	246	171	175
China	563	454	461	510	412	423	442	443	359	423
Hong Kong	200	213	204	247	213	186	176	188	161	149
India	813	642	576	657	643	752	658	916	915	578
Indonesia	831	1 264	1 129	856	718	630	548	665	716	704
Japan	275	314	312	362	303	303	298	297	294	268
D.P.R. Korea (e)	17	18	19	25	31	37	29	0	0	...
South Korea	874	862	903	882	809	763	705	648	660	514
Malaysia	729	851	951	867	395	652	835	563	393	306
Myanmar	432	506	211	180	248	271	257	241	356	407
Pakistan	56	88	141	129	257	255	179	182	248	115
Philippines	233	94	113	230	328	213	190	448	363	369
Singapore	932	991	917	858	626	522	485	592	666	484
Sri Lanka	43	35	39	32	41	42	34	26	30	30
Taiwan, China	233	199	201	190	198	190	184	204	180	183
Thailand	575	642	661	799	679	780	671	722	617	542
Vietnam	295	301	307	418	499	361	353	387	419	395
Other Asia	2 732	1 056	504	499	700	302	364	469	2 399	359
Asia	9 880	8 627	7 707	7 794	7 178	6 752	6 532	7 238	8 947	6 003
Australia	607	1 048	844	1 281	1 344	369	465	549	503	496
New Zealand	60	77	78	91	80	81	88	89	98	85
Other Oceania	24	21	17	20	23	27	26	25	23	30
Oceania	691	1 146	938	1 392	1 447	477	579	662	624	610
World	44 287	44 255	41 595	44 454	39 121	36 168	42 177	41 089	42 107	31 846

Table 39

**Apparent Steel Use
(crude steel equivalent)**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria (1)	4 440	4 171	4 066	4 111	4 453	4 374	4 670	4 772	4 538	4 224
Belgium-Luxembourg	4 711	3 272	3 482	3 808	4 039	3 939	3 685	4 789	3 630	3 483
Bulgaria	1 127	1 008	1 100	1 526	1 368	1 460	1 102	1 276	1 650	1 480
Croatia	702	663	684	675	720	922	947	761	844	819
Cyprus	248	173	139	115	153	164	265	360	349	313
Czechia (1)	6 985	6 747	6 765	7 145	7 600	7 600	8 100	8 500	8 000	7 750
Denmark	1 530	1 528	1 518	1 521	1 564	1 655	1 583	1 598	1 527	1 602
Estonia	375	340	350	365	341	462	506	569	578	494
Finland (1)	1 225	2 104	1 888	1 875	1 875	1 872	2 170	2 151	1 909	2 024
France	16 304	14 130	14 566	14 472	14 521	15 251	15 771	15 870	15 552	13 292
Germany (1)	45 141	40 829	41 700	43 110	42 433	42 750	43 326	41 956	37 148	32 942
Greece	1 545	1 097	1 230	1 387	1 097	1 626	1 445	1 447	1 484	1 403
Hungary (1)	2 173	1 959	2 144	2 400	2 702	2 924	3 066	3 202	3 185	2 743
Ireland	425	436	433	513	605	603	715	759	846	764
Italy (1)	28 143	22 810	23 218	23 244	25 957	25 126	26 335	26 841	26 485	21 639
Latvia	622	214	230	344	293	363	261	482	334	293
Lithuania	472	493	558	631	604	716	722	794	826	753
Malta	36	35	33	42	46	45	37	60	67	72
Netherlands (1)	4 869	4 996	4 707	4 012	4 423	5 370	5 318	5 974	5 908	5 438
Poland (1)	13 278	12 537	12 090	14 793	15 156	15 841	16 387	17 946	16 426	15 555
Portugal	2 361	2 144	2 509	2 240	2 479	2 405	2 601	3 000	2 912	2 692
Romania (1)	4 025	3 549	3 522	4 085	4 266	4 339	4 475	4 882	4 900	4 404
Slovakia (1)	2 082	2 078	2 279	2 419	2 515	2 549	2 711	2 837	2 788	2 543
Slovenia (1)	1 004	961	925	871	1 121	1 189	1 348	1 489	1 359	1 359
Spain (1)	14 000	11 510	11 873	12 449	13 633	13 523	14 256	14 878	14 237	12 548
Sweden (1)	4 244	3 819	3 915	3 695	3 878	4 452	4 743	4 670	4 368	3 603
United Kingdom (1)	11 706	11 125	10 990	11 789	11 883	12 023	12 016	11 934	11 155	9 745
European Union (28)	173 775	154 727	156 912	163 639	169 725	173 543	178 563	183 800	173 004	153 978
Albania	566	648	631	603	328	462	265	245	318	325
Bosnia-Herzegovina	536	512	541	533	516	723	765	819	834	833
Iceland	37	39	111	38	54	65	63	69	71	52
Macedonia	149	82	61	197	233	425	222	209	227	267
Montenegro	121	118	84	157	192	182	215	112	89	60
Norway	1 133	1 074	1 024	1 529	1 104	1 081	1 245	1 226	1 144	1 163
Serbia	642	496	427	520	704	865	1 056	1 380	1 560	1 364
Switzerland	2 805	2 871	2 959	2 949	2 750	2 982	2 977	3 070	2 869	2 590
Turkey (1)	28 665	30 286	33 305	32 750	36 570	36 250	38 458	32 686	27 839	31 426
Other Europe	137	123	141	130	219	129	160	136	180	128
Other Europe	34 790	36 248	39 283	39 407	42 670	43 164	45 425	39 952	35 131	38 208
Azerbaijan	988	1 187	1 453	1 468	1 060	652	617	811	887	797
Belarus	2 655	2 778	2 764	2 292	1 810	1 800	2 120	2 177	2 219	2 149
Georgia	220	289	148	251	348	419	374	474	385	468
Kazakhstan (1)	2 475	3 090	3 878	3 064	2 982	2 572	2 922	2 776	2 913	2 709
Moldova	225	186	222	203	313	96	229	175	281	309
Russia (1)	47 981	49 488	49 671	49 423	44 746	43 424	45 409	45 101	47 758	46 455
Ukraine (1)	7 307	7 057	6 331	4 763	3 786	4 863	5 259	5 291	5 359	5 299
Uzbekistan	1 387	1 604	1 971	2 025	1 842	1 834	2 459	2 700	2 931	3 463
Other C.I.S.	1 003	1 792	1 752	1 814	1 657	1 319	957	1 114	1 273	1 497
C.I.S.	64 239	67 471	68 190	65 302	58 543	56 980	60 345	60 621	64 006	63 145

Table 39
(continued)

Apparent Steel Use
(crude steel equivalent)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada (1)	15 746	17 305	16 445	17 527	14 372	14 846	15 600	15 678	14 422	13 550
Costa Rica (2)	659	760	879	887	969	894	918	809	710	561
Cuba (2)	140	150	158	165	160	151	152	155	157	139
Dominican Republic (2)	303	381	412	573	473	510	551	612	679	517
El Salvador (2)	290	304	303	341	360	358	338	398	425	348
Guatemala (2)	358	718	817	1 119	1 176	1 053	1 019	992	1 101	1 018
Honduras (2)	204	239	184	198	393	357	360	370	338	316
Mexico (1)	23 140	23 714	22 904	26 160	27 848	28 503	29 216	28 594	27 581	24 152
Nicaragua (2)	77	113	119	125	120	114	114	118	112	96
Panama (2)	232	273	649	627	553	589	490	493	373	165
Trinidad and Tobago (2)	303	318	334	351	338	320	322	332	339	315
United States (1)	101 000	108 300	106 300	121 600	108 333	102 523	109 677	111 981	108 500	88 937
Other North America	268	308	306	338	425	447	538	464	729	610
North America	142 719	152 883	149 810	170 010	155 520	150 665	159 295	160 996	155 465	130 723
Argentina (1)	6 087	5 582	5 775	5 712	5 991	4 796	5 610	5 502	4 469	4 099
Bolivia (2)	130	133	581	690	646	697	593	637	635	347
Brazil (1)	28 993	29 526	31 131	28 451	23 662	20 578	21 693	23 563	23 307	23 832
Chile (2)	3 148	3 457	3 105	3 031	3 215	3 172	3 357	3 109	3 283	2 770
Colombia (2)	3 603	3 926	4 393	4 980	5 078	4 610	3 944	3 773	3 973	3 209
Ecuador (2)	2 047	1 672	2 149	1 844	1 890	1 740	1 926	1 998	1 925	1 544
Paraguay (2)	276	244	257	270	260	341	362	491	379	368
Peru (2)	2 833	3 130	3 235	3 392	4 084	3 469	4 282	3 488	3 520	2 841
Uruguay (2)	231	272	253	247	260	219	193	230	204	245
Venezuela (2)	3 216	3 707	3 550	2 526	2 271	926	568	189	132	94
Other South America	77	84	92	92	117	88	96	117	145	154
South America	50 641	51 733	54 521	51 235	47 474	40 636	42 623	43 098	41 971	39 504
Algeria	4 208	5 160	6 268	6 858	6 656	6 320	6 459	6 031	6 203	5 350
Angola	843	1 113	1 091	1 108	834	318	223	229	281	256
Benin	146	178	127	147	138	123	114	109	201	187
Cameroon	166	249	248	288	288	259	206	233	216	337
Congo	122	153	255	295	160	101	72	40	48	46
Dem. Rep. of the Congo	109	116	135	170	145	106	110	194	204	173
Djibouti	157	214	128	170	626	723	551	515	704	561
Egypt (1)	8 370	10 182	9 900	10 930	11 622	12 501	10 890	11 836	11 074	10 362
Equatorial Guinea	112	138	137	115	83	42	23	24	22	61
Ethiopia	490	745	860	895	1 112	1 091	757	717	990	630
Gabon	132	145	150	162	100	70	53	57	71	72
Ghana	877	860	892	1 016	1 144	1 089	997	1 049	1 253	1 376
Guinea	106	86	123	119	152	119	147	176	180	201
Ivory Coast	205	220	285	322	369	424	441	427	397	589
Kenya	1 306	1 028	1 409	1 436	1 835	1 608	1 465	1 519	3 235	2 334
Libya	72	997	1 701	1 808	1 539	1 539	1 057	1 128	1 809	1 698
Madagascar	87	89	103	117	119	150	145	151	150	129
Mauritania	108	117	132	161	115	110	135	103	105	85
Mauritius	103	91	98	93	121	109	119	136	150	132
Morocco	3 110	2 889	3 081	2 817	3 000	3 177	3 367	3 307	3 374	2 935
Mozambique	208	289	384	426	392	269	232	296	352	333
Nigeria	1 968	1 957	2 427	2 154	1 873	1 381	1 174	1 687	1 698	1 659
Senegal	431	394	335	413	449	554	510	634	620	652
South Africa (1)	5 900	5 827	6 295	5 663	5 858	5 498	5 737	5 608	5 259	4 176
Sudan	328	371	293	333	356	358	337	350	362	326
Tanzania	474	439	777	643	712	587	572	780	1 004	775
Tunisia	858	850	838	867	889	899	921	949	960	816
Togo	122	187	165	199	204	171	155	182	215	178
Uganda	161	78	131	160	155	132	154	216	227	158
Zambia	180	158	209	170	181	157	173	192	184	281
Zimbabwe	114	120	126	136	158	167	138	164	144	156
Other Africa	519	491	694	679	825	891	869	993	1 139	1 105
Africa	32 092	35 932	39 797	40 867	42 209	41 045	38 305	40 031	42 831	38 129

Table 39
(continued)

Apparent Steel Use
(crude steel equivalent)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bahrain	206	237	276	296	302	284	293	298	303	233
Iran	23 467	21 081	21 998	22 089	21 911	21 228	22 174	21 731	20 544	19 118
Iraq	2 937	3 783	4 144	3 601	3 387	3 692	3 582	3 686	3 778	3 363
Israel	2 160	2 307	2 584	2 775	3 110	3 466	3 299	3 504	3 649	3 738
Jordan	1 092	1 190	1 122	1 191	1 236	1 249	998	1 119	896	667
Kuwait	1 072	1 224	1 397	1 582	1 609	1 613	1 504	1 639	1 343	1 089
Lebanon	950	928	868	947	976	996	996	1 015	1 036	932
Oman	1 068	1 190	1 364	1 510	1 619	1 570	1 593	1 630	1 672	1 396
Qatar	1 103	1 202	1 373	1 582	1 663	1 639	1 751	1 295	1 126	994
Saudi Arabia (1)	12 600	13 500	14 000	14 600	14 000	12 650	12 272	10 803	10 518	11 495
Syria	1 490	776	471	289	293	293	270	270	278	250
United Arab Emirates (1)	7 592	7 656	7 413	7 771	7 757	8 514	8 621	8 818	8 251	7 738
Yemen	382	587	500	971	621	534	496	497	497	409
Other Middle East	3	20	14	18	7	7	11	12	5	2
Other Middle East	56 121	55 681	57 524	59 222	58 490	57 736	57 862	56 318	53 896	51 424
Bangladesh	3 953	4 279	4 433	5 617	7 753	7 710	6 329	7 133	8 328	8 165
China (1)	667 941	687 609	772 340	740 380	700 350	709 400	806 080	870 880	949 880	1 036 500
Hong Kong, China	1 886	1 991	2 436	2 727	3 775	2 481	2 341	2 202	2 249	2 212
India (1)	73 154	77 436	80 656	87 086	89 256	94 502	100 892	107 058	108 961	93 935
Indonesia (3)	13 148	15 006	15 237	15 483	13 656	15 214	16 318	18 107	19 140	18 117
Japan (1)	69 600	68 800	70 800	72 900	67 852	67 469	70 100	71 300	69 800	56 000
North Korea	1 373	1 350	1 352	1 407	1 507	1 522	1 441	1 237	1 236	1 241
South Korea (1)	58 741	56 322	53 919	57 834	58 125	59 454	58 659	55 947	55 441	51 004
Malaysia (3)	9 578	10 374	11 685	11 720	11 629	11 925	10 980	11 368	10 706	6 279
Mongolia	317	377	464	480	366	212	273	400	505	577
Myanmar	1 317	1 574	1 594	2 382	2 720	2 725	2 374	2 503	2 861	3 006
Pakistan	3 189	3 788	4 210	4 820	6 464	8 118	9 005	7 864	6 047	6 049
Philippines (3)	5 940	6 986	7 796	8 517	10 186	11 253	11 418	12 472	11 697	10 072
Singapore (1)	4 900	4 782	5 345	4 791	5 019	3 540	3 022	3 212	2 577	1 778
Sri Lanka	580	664	638	731	1 028	1 153	1 117	1 060	962	865
Taiwan, China (1)	21 715	21 332	22 285	23 469	21 032	21 932	21 184	21 344	21 138	22 207
Thailand (3)	16 881	19 047	20 732	22 382	21 103	24 159	22 137	22 325	21 473	18 937
Vietnam (3)	11 276	12 740	13 685	16 226	20 510	25 088	24 041	24 791	27 014	25 930
Other Asia	2 597	1 078	821	1 293	1 065	2 153	3 010	3 166	5 393	2 051
Asia	968 086	995 535	1 090 426	1 080 244	1 043 398	1 070 010	1 170 722	1 244 370	1 325 407	1 364 926
Australia (1)	6 672	7 152	6 376	7 142	6 967	6 477	6 026	6 091	6 091	5 648
New Zealand (1)	931	974	1 016	1 140	895	837	873	903	897	831
Other Oceania	649	574	323	309	348	368	349	307	308	310
Oceania	8 252	8 700	7 715	8 591	8 210	7 682	7 247	7 301	7 296	6 789
World	1 530 714	1 558 911	1 664 177	1 678 516	1 626 239	1 641 460	1 760 387	1 836 486	1 899 006	1 886 825

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEASIS.

Table 40

**Apparent Steel Use per Capita
(kg crude steel equivalent)**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	525	491	475	477	513	500	529	537	507	469
Belgium-Luxembourg	408	282	298	323	341	330	307	396	299	285
Bulgaria	153	137	151	211	190	204	155	181	236	213
Croatia	163	154	160	159	170	219	226	183	204	199
Cyprus	220	152	122	100	132	140	224	303	291	259
Czechia	661	638	639	675	717	716	761	797	748	724
Denmark	274	272	269	268	275	290	276	278	265	277
Estonia	283	257	265	277	259	351	383	430	436	372
Finland	227	389	347	343	342	341	394	390	345	365
France	258	222	228	225	225	236	243	244	239	204
Germany	558	504	514	529	519	520	524	505	445	393
Greece	143	102	115	130	103	153	137	138	142	135
Hungary	220	199	218	245	276	300	315	330	329	284
Ireland	93	95	94	111	130	129	150	158	173	155
Italy	472	381	386	385	428	414	434	443	437	358
Latvia	297	103	112	170	147	184	134	250	175	155
Lithuania	153	162	186	212	206	248	254	284	299	277
Malta	86	83	78	98	107	103	84	137	153	164
Netherlands	291	298	279	237	261	316	312	350	346	317
Poland	347	328	317	388	398	417	432	473	434	411
Portugal	223	204	240	215	239	233	253	293	285	264
Romania	198	175	175	204	214	219	228	250	253	229
Slovakia	385	384	420	446	463	468	498	520	511	466
Slovenia	490	467	448	421	541	573	649	717	654	654
Spain	297	245	253	266	292	290	306	319	305	268
Sweden	448	400	407	381	397	453	479	468	435	357
United Kingdom	183	172	169	180	180	181	180	178	165	144
European Union (28)	345	306	310	322	334	341	350	359	338	300
Albania	193	222	217	208	113	160	92	85	110	113
Bosnia-Herzegovina	147	142	153	153	151	214	228	246	253	254
Iceland	114	120	339	115	162	194	187	205	208	151
Macedonia	72	39	30	95	112	204	107	100	109	128
Montenegro	193	189	134	251	306	290	342	178	142	95
Norway	229	214	202	297	212	206	235	230	213	215
Serbia	72	55	48	58	79	98	120	157	178	156
Switzerland	355	358	365	359	331	356	352	360	334	299
Turkey	390	406	439	424	466	454	474	397	334	373
Other Europe	63	57	65	59	100	58	72	416	549	390
Other Europe	325	335	358	355	379	379	394	349	304	327
Azerbaijan	108	128	155	154	110	67	63	82	88	79
Belarus	282	295	293	243	192	191	224	230	235	227
Georgia	54	71	36	62	86	104	93	119	96	117
Kazakhstan	150	184	228	177	170	144	162	152	157	144
Moldova	55	46	54	50	77	24	56	43	69	77
Russia	334	344	344	342	309	299	312	309	327	318
Ukraine	160	155	140	106	84	109	118	120	122	121
Uzbekistan	48	54	66	67	60	58	77	83	89	103
Other C.I.S.	47	83	79	81	72	57	40	46	52	60
C.I.S.	227	237	239	228	203	197	207	207	218	214

Table 40
(continued)

Apparent Steel Use per Capita
(kg crude steel equivalent)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	456	496	466	491	399	408	425	423	386	359
Costa Rica	142	162	185	185	200	182	186	162	141	110
Cuba	12	13	14	15	14	13	13	14	14	12
Dominican Republic	31	38	41	56	46	49	52	58	63	48
El Salvador	47	49	48	54	57	56	53	62	66	54
Guatemala	24	47	52	70	72	64	60	58	63	57
Honduras	24	28	21	22	43	38	38	39	35	32
Mexico	200	202	193	217	229	231	234	227	216	187
Nicaragua	13	19	20	20	19	18	18	18	17	14
Panama	63	72	169	161	139	146	119	118	88	38
Trinidad and Tobago	227	236	247	258	247	232	233	239	243	225
United States	324	345	336	382	338	317	337	342	330	269
Other North America	14	16	15	17	21	22	26	23	36	30
North America	261	276	268	302	273	263	275	276	265	221
Argentina	147	134	137	134	139	110	128	124	100	91
Bolivia	13	13	55	64	59	63	53	56	55	30
Brazil	147	148	155	140	116	100	104	112	110	112
Chile	183	199	177	171	179	174	182	166	173	145
Colombia	79	85	94	106	107	96	81	76	79	63
Ecuador	134	108	137	116	117	105	115	117	111	88
Paraguay	44	38	39	41	39	50	53	71	54	52
Peru	97	106	109	113	134	112	136	109	108	86
Uruguay	69	81	75	73	76	64	56	67	59	71
Venezuela	111	126	119	84	75	31	19	7	5	3
Other South America	50	54	59	58	73	55	59	72	88	92
South America	128	129	135	125	115	98	102	102	98	92
Algeria	115	138	164	176	168	156	156	143	144	122
Angola	35	44	42	41	30	11	7	7	9	8
Benin	15	18	13	14	13	11	10	9	17	15
Cameroon	8	12	11	13	12	11	8	9	8	13
Congo	28	34	55	62	33	20	14	8	9	8
Dem. Rep. of the Congo	2	2	2	2	2	1	1	2	2	2
Djibouti	184	247	145	189	685	778	583	537	724	567
Egypt	99	118	112	121	126	132	113	120	110	101
Equatorial Guinea	114	134	127	102	71	35	19	18	16	44
Ethiopia	5	8	9	9	11	11	7	7	9	5
Gabon	79	83	82	86	51	35	26	27	33	32
Ghana	35	33	34	37	41	38	34	35	41	44
Guinea	10	8	11	11	13	10	12	14	14	15
Ivory Coast	10	10	13	14	16	18	18	17	15	22
Kenya	30	23	31	31	38	33	29	30	62	43
Libya	11	159	269	284	240	237	161	169	267	247
Madagascar	4	4	4	5	5	6	6	6	6	5
Mauritania	30	31	35	41	28	27	32	23	23	18
Mauritius	82	73	78	74	96	86	94	108	118	103
Morocco	95	87	91	82	87	90	95	92	92	80
Mozambique	9	12	15	16	14	10	8	10	12	11
Nigeria	12	12	14	12	10	7	6	9	8	8
Senegal	33	29	24	29	31	37	33	40	38	39
South Africa	113	110	117	104	106	98	101	97	90	70
Sudan	9	10	8	9	9	9	8	8	8	7
Tanzania	10	9	16	13	14	11	10	14	17	13
Tunisia	80	78	76	78	80	80	81	82	82	69
Togo	18	28	24	28	28	23	20	23	27	21
Uganda	5	2	4	4	4	3	4	5	5	3
Zambia	13	11	14	11	11	10	10	11	10	15
Zimbabwe	9	9	9	10	11	12	10	11	10	10
Other Africa	3	3	4	4	5	5	5	6	6	6
Africa	30	33	35	35	36	34	31	31	33	28

Table 40
(continued)

Apparent Steel Use per Capita
(kg crude steel equivalent)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bahrain	161	182	210	221	220	199	196	190	185	137
Iran	314	279	288	285	279	267	275	266	248	228
Iraq	96	119	125	105	95	101	95	96	96	84
Israel	288	303	334	353	390	427	400	418	428	432
Jordan	143	147	132	134	133	131	102	112	89	65
Kuwait	338	366	396	429	419	408	371	396	319	255
Lebanon	183	168	147	151	149	148	146	148	151	137
Oman	328	340	362	375	379	351	341	338	336	273
Qatar	542	547	588	643	648	617	642	466	398	345
Saudi Arabia	446	463	466	472	441	390	371	321	307	330
Syria	71	38	24	15	16	17	16	16	16	14
United Arab Emirates	849	838	806	843	837	910	909	916	845	782
Yemen	16	24	20	38	23	20	18	17	17	14
Other Middle East	1	5	3	4	2	2	2	3	1	0
Other Middle East	253	246	249	251	244	236	233	223	210	197
Bangladesh	26	28	29	36	50	49	40	44	51	50
P.R. China	485	497	555	529	498	502	567	610	662	720
Hong Kong	269	282	344	382	525	343	320	299	302	295
India	59	61	63	67	68	71	75	79	80	68
Indonesia	54	60	61	61	53	58	62	68	71	66
Japan	542	536	552	569	530	528	550	561	550	443
D.P.R. Korea (e)	56	54	54	56	60	60	57	48	48	48
South Korea	1 180	1 125	1 071	1 143	1 144	1 166	1 148	1 093	1 082	995
Malaysia	334	357	397	392	384	389	353	361	335	194
Mongolia	115	133	161	163	122	69	88	126	157	176
Myanmar	26	31	31	46	52	51	44	47	53	55
Pakistan	17	20	22	25	32	40	43	37	28	27
Philippines	62	72	79	85	100	109	109	117	108	92
Singapore	931	891	980	867	898	626	529	558	444	304
Sri Lanka	28	32	31	35	49	55	53	50	45	40
Taiwan (R.o.C.)	933	914	951	999	893	929	895	900	889	932
Thailand	250	281	304	327	307	350	320	322	308	271
Vietnam	127	142	151	177	221	268	254	259	280	266
Other Asia	32	13	10	15	12	24	33	34	57	21
Asia	250	254	276	271	259	263	285	301	318	325
Australia	296	312	274	303	291	267	245	245	242	221
New Zealand	211	218	225	250	194	180	186	190	188	172
Other Oceania	62	53	30	28	31	32	30	26	25	25
Oceania	220	228	199	219	206	190	177	176	173	159
World	217	219	231	230	220	220	233	241	246	242

Table 41

**Apparent Steel Use
(finished steel products)**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria (1)	3 894	3 658	3 566	3 606	3 905	3 836	4 095	4 185	3 980	3 705
Belgium-Luxembourg	4 428	3 076	3 273	3 580	3 797	3 702	3 464	4 501	3 412	3 274
Bulgaria	1 060	946	1 034	1 435	1 286	1 373	1 036	1 199	1 551	1 392
Croatia	660	624	643	635	676	738	758	715	793	770
Cyprus	231	161	130	107	143	153	247	337	326	293
Czechia (1)	6 063	5 850	5 865	6 195	6 600	6 900	7 200	7 600	7 213	6 685
Denmark	1 426	1 425	1 416	1 420	1 461	1 545	1 479	1 494	1 428	1 498
Estonia	350	317	326	341	318	431	472	532	541	462
Finland (1)	1 116	1 917	1 720	1 709	1 709	1 706	1 977	1 960	1 739	1 844
France	15 218	13 204	13 617	13 526	13 575	14 270	14 759	14 851	14 558	12 440
Germany (1)	40 712	37 497	38 013	39 642	39 137	40 454	41 000	39 648	35 142	31 163
Greece	1 452	1 031	1 156	1 304	1 031	1 529	1 359	1 361	1 395	1 319
Hungary (1)	1 888	1 706	1 863	2 086	2 343	2 538	2 659	2 780	2 761	2 377
Ireland	396	407	404	479	565	563	668	710	791	714
Italy (1)	26 550	21 519	21 904	21 928	24 488	23 704	24 844	25 322	24 986	20 414
Latvia	585	201	216	321	273	339	244	450	312	274
Lithuania	440	460	521	589	564	669	674	742	772	704
Malta	34	33	31	39	43	42	35	56	63	68
Netherlands (1)	4 081	4 026	3 742	3 463	3 496	4 022	3 981	4 832	4 615	4 146
Poland (1)	11 021	10 406	10 397	12 278	12 579	13 148	13 601	14 895	13 633	12 911
Portugal	2 216	2 012	2 357	2 103	2 328	2 258	2 441	2 820	2 738	2 530
Romania (1)	3 764	3 322	3 297	3 830	3 997	4 064	4 191	4 573	4 539	4 126
Slovakia (1)	1 843	1 839	2 017	2 141	2 226	2 256	2 440	2 554	2 510	2 289
Slovenia (1)	924	884	851	801	1 031	1 094	1 240	1 370	1 250	1 250
Spain (1)	13 114	10 433	10 923	11 599	12 707	12 576	13 258	13 837	13 240	11 670
Sweden (1)	3 892	3 502	3 590	3 388	3 374	3 873	4 126	4 063	3 800	3 134
United Kingdom (1)	10 185	9 679	9 592	10 680	10 494	10 883	11 003	10 822	10 250	8 966
European Union (28)	157 542	140 134	142 463	149 223	154 148	158 668	163 252	168 211	158 335	140 419
Albania	532	609	593	567	308	435	247	229	297	304
Bosnia-Herzegovina	502	480	508	501	485	680	719	770	784	783
Iceland	34	37	103	35	50	60	58	65	66	48
Macedonia	140	77	58	186	219	399	209	196	214	251
Montenegro	113	111	79	148	180	171	202	105	84	56
Norway	1 062	1 006	960	1 433	1 035	1 013	1 170	1 152	1 075	1 093
Serbia	604	466	401	489	662	813	992	1 297	1 466	1 282
Switzerland	2 636	2 699	2 781	2 772	2 585	2 803	2 798	2 886	2 697	2 435
Turkey (1)	26 931	28 468	31 301	30 773	34 381	34 077	36 119	30 658	26 078	29 481
Other Europe	127	115	131	121	205	121	149	127	168	120
Other Europe	32 682	34 067	36 915	37 025	40 110	40 572	42 665	37 486	32 929	35 853
Azerbaijan	928	1 116	1 366	1 380	997	613	580	763	833	749
Belarus	2 494	2 612	2 598	2 154	1 701	1 692	1 993	2 047	2 086	2 020
Georgia	205	269	138	234	325	392	349	443	360	438
Kazakhstan (1)	2 227	2 781	3 490	2 757	2 684	2 315	2 630	2 498	2 622	2 438
Moldova	211	175	208	191	294	90	215	164	264	290
Russia (1)	41 490	42 793	43 310	43 146	39 824	38 749	40 689	41 322	43 517	42 382
Ukraine (1)	6 332	6 148	5 569	4 232	3 309	4 245	4 560	4 683	4 655	4 616
Uzbekistan	1 302	1 506	1 853	1 904	1 731	1 724	2 312	2 538	2 756	3 255
Other C.I.S.	934	1 671	1 635	1 693	1 548	1 232	894	1 042	1 190	1 400
C.I.S.	56 125	59 072	60 167	57 691	52 413	51 052	54 221	55 499	58 282	57 588

Table 41
(continued)

Apparent Steel Use
(finished steel products)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada (1)	14 171	15 575	14 800	15 775	12 935	13 361	14 040	14 110	12 980	12 195
Costa Rica (2)	593	684	791	798	872	804	827	728	639	505
Cuba (2)	129	135	142	149	144	136	137	138	140	102
Dominican Republic (2)	272	343	371	516	426	436	471	523	580	442
El Salvador (2)	261	274	273	307	324	322	304	358	383	314
Guatemala (2)	322	646	735	1 007	1 058	948	917	893	991	916
Honduras (2)	190	215	166	178	354	321	324	333	305	284
Mexico (1)	19 804	20 911	20 574	23 472	24 881	25 487	26 197	25 721	24 713	21 716
Nicaragua (2)	72	105	110	116	112	106	107	101	96	70
Panama (2)	209	246	584	564	498	530	441	444	336	149
Trinidad and Tobago (2)	272	300	315	331	319	302	304	310	316	231
United States (1)	89 200	96 200	95 700	106 957	96 131	91 861	97 722	99 775	97 613	80 043
Other North America	250	287	285	316	397	417	503	434	681	570
North America	125 745	135 921	134 846	150 486	138 450	135 032	142 293	143 868	139 772	117 536
Argentina (1)	5 338	4 899	5 065	5 009	5 254	4 206	4 920	4 826	3 919	3 595
Bolivia (2)	117	120	523	621	581	627	534	573	571	313
Brazil (1)	26 094	26 573	28 018	25 606	21 295	18 520	19 523	21 207	20 977	21 449
Chile (2)	2 738	3 008	2 701	2 637	2 797	2 607	2 759	2 705	2 819	2 368
Colombia (2)	3 218	3 506	3 488	3 954	4 032	3 660	3 550	3 396	3 576	2 888
Ecuador (2)	1 750	1 505	1 934	1 660	1 701	1 566	1 733	1 798	1 733	1 390
Paraguay (2)	248	220	231	243	234	307	325	442	341	332
Peru (2)	2 422	2 676	2 766	2 900	3 492	2 965	3 659	2 981	3 008	2 428
Uruguay (2)	208	245	228	222	234	197	174	207	183	220
Venezuela (2)	2 606	2 990	2 872	2 038	1 844	678	511	170	119	85
Other South America	72	78	86	86	109	82	90	110	136	144
South America	44 812	45 819	47 912	44 976	41 573	35 415	37 779	38 414	37 381	35 211
Algeria	3 787	4 644	5 641	6 173	5 990	5 688	5 813	5 428	5 582	4 815
Angola	786	1 038	1 018	1 034	779	297	209	214	263	239
Benin	136	166	118	137	129	115	106	102	188	175
Cameroon	155	233	232	269	269	242	192	218	202	315
Congo	113	143	238	276	150	95	67	38	45	43
Dem. Rep. of the Congo	103	109	127	160	136	100	104	182	191	163
Djibouti	146	200	119	159	585	675	514	481	659	524
Egypt (1)	7 780	9 468	9 207	10 182	10 862	11 683	10 178	11 067	10 354	9 688
Equatorial Guinea	105	129	128	107	77	39	22	22	20	57
Ethiopia	457	695	803	835	1 038	1 019	707	670	925	589
Gabon	123	135	140	151	94	66	50	53	67	67
Ghana	825	809	839	955	1 075	1 023	937	986	1 178	1 293
Guinea	99	80	114	111	142	112	137	165	169	188
Ivory Coast	191	205	266	301	345	396	412	399	371	551
Kenya	1 217	959	1 315	1 340	1 714	1 502	1 368	1 420	3 024	2 183
Libya	65	898	1 531	1 627	1 385	1 385	951	1 015	1 628	1 529
Madagascar	81	83	96	109	111	140	136	142	140	120
Mauritania	100	109	123	150	107	103	126	96	98	79
Mauritius	96	85	92	87	113	102	112	127	140	123
Morocco	2 799	2 600	2 773	2 535	2 700	2 859	3 031	2 977	3 036	2 641
Mozambique	194	269	358	397	366	251	217	277	329	312
Nigeria	1 850	1 840	2 282	2 025	1 760	1 298	1 104	1 585	1 596	1 560
Senegal	402	368	313	386	419	517	476	593	580	610
South Africa (1)	5 332	5 266	5 689	5 117	5 294	4 970	5 185	5 068	4 753	3 774
Sudan	295	334	264	300	320	322	304	315	326	293
Tanzania	441	410	725	601	665	548	534	729	938	725
Tunisia	772	765	754	781	800	809	829	854	864	734
Togo	113	174	154	185	190	160	145	170	201	166
Uganda	152	73	123	151	145	124	145	203	214	148
Zambia	168	148	195	159	169	147	162	179	172	263
Zimbabwe	106	112	118	127	148	156	129	153	134	146
Other Africa	484	458	648	634	771	832	812	928	1 065	1 034
Africa	29 473	33 004	36 540	37 558	38 850	37 775	35 211	36 855	39 453	35 150

Table 41
(continued)

Apparent Steel Use
(finished steel products)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bahrain	185	213	248	266	272	256	264	268	273	210
Iran	21 120	18 973	19 798	19 880	19 720	19 105	19 957	19 558	18 490	17 206
Iraq	2 643	3 405	3 730	3 241	3 048	3 323	3 224	3 317	3 400	3 026
Israel	2 030	2 169	2 429	2 609	2 924	3 258	3 101	3 294	3 430	3 514
Jordan	983	1 071	1 010	1 072	1 112	1 124	898	1 007	806	600
Kuwait	965	1 102	1 257	1 424	1 448	1 452	1 354	1 475	1 209	980
Lebanon	855	835	781	852	878	896	896	914	932	839
Oman	961	1 071	1 228	1 359	1 457	1 413	1 434	1 467	1 505	1 256
Qatar	993	1 082	1 236	1 424	1 496	1 475	1 576	1 166	1 014	895
Saudi Arabia (1)	12 000	12 540	13 300	14 100	13 500	12 200	11 834	10 263	9 992	10 920
Syria	1 341	698	424	261	264	264	243	243	250	225
United Arab Emirates (1)	6 833	7 044	6 820	7 149	7 136	7 833	7 931	8 112	7 591	7 119
Yemen	344	529	450	874	559	481	447	447	447	368
Other Middle East	3	18	13	16	7	7	11	12	4	2
Other Middle East	51 256	50 749	52 723	54 527	53 820	53 086	53 169	51 543	49 343	47 160
Bangladesh	3 716	4 023	4 167	5 280	7 288	7 248	5 950	6 705	7 828	7 675
China (1)	641 223	660 105	741 446	710 768	672 340	681 020	773 840	836 050	911 890	995 040
Hong Kong, China	1 757	1 857	2 273	2 546	3 526	2 317	2 187	2 058	2 102	2 069
India (1)	69 788	72 383	73 652	76 050	80 198	83 643	88 680	96 737	102 622	89 333
Indonesia (3)	10 952	12 500	12 692	12 898	11 375	12 673	13 593	15 083	15 944	15 092
Japan (1)	64 100	63 950	65 240	67 690	62 950	62 171	64 380	65 410	63 210	52 630
North Korea	1 098	1 080	1 082	1 126	1 206	1 218	1 153	989	988	993
South Korea (1)	56 391	54 069	51 762	55 521	55 800	57 076	56 313	53 710	53 226	48 964
Malaysia (3)	8 238	8 922	10 049	10 079	10 001	10 256	9 443	9 776	9 207	6 813
Mongolia	298	354	436	451	344	199	257	376	475	543
Myanmar	1 238	1 480	1 499	2 240	2 557	2 561	2 232	2 353	2 689	2 826
Pakistan	2 551	3 030	3 368	4 530	6 076	7 631	8 465	7 392	5 684	5 686
Philippines (3)	5 108	6 008	6 705	7 325	8 760	9 677	9 819	10 726	10 059	8 662
Singapore (1)	3 897	3 826	4 276	3 833	4 016	2 832	2 720	2 891	2 319	1 600
Sri Lanka	545	624	600	687	966	1 084	1 050	996	905	813
Taiwan, China (1)	18 096	17 777	18 571	19 558	17 527	18 277	17 653	17 787	17 615	18 506
Thailand (3)	14 518	16 380	17 829	19 248	18 149	20 777	19 038	19 200	18 467	16 286
Vietnam (3)	9 698	10 956	11 769	14 441	18 254	22 328	21 637	22 312	24 313	23 337
Other Asia	2 421	1 005	766	1 207	995	2 011	2 811	2 960	5 042	1 918
Asia	915 633	940 330	1 028 181	1 015 477	982 327	1 004 998	1 101 219	1 173 511	1 254 586	1 298 786
Australia (1)	6 024	6 458	5 757	6 449	6 291	5 849	5 441	5 500	5 500	5 100
New Zealand (1)	700	737	769	843	808	756	788	815	810	750
Other Oceania	605	535	301	288	325	343	326	287	288	290
Oceania	7 329	7 730	6 827	7 580	7 424	6 948	6 555	6 602	6 598	6 140
World	1 420 596	1 446 825	1 546 575	1 554 542	1 509 116	1 523 545	1 636 363	1 711 988	1 776 680	1 773 844

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEASIS.

Table 42

Apparent Steel Use per Capita
(kg finished steel products)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	461	430	417	419	450	439	464	471	444	411
Belgium-Luxembourg	384	265	280	304	320	310	288	372	281	268
Bulgaria	144	129	142	198	179	192	146	170	222	200
Croatia	153	145	150	149	160	175	181	172	192	187
Cyprus	205	142	113	93	123	131	210	283	272	242
Czechia	574	553	554	585	623	650	677	713	675	624
Denmark	255	254	251	251	257	271	258	260	247	259
Estonia	263	239	247	259	242	328	358	402	408	348
Finland	207	354	316	313	312	310	359	355	314	333
France	241	208	213	211	211	221	228	229	224	191
Germany	504	463	468	487	479	492	496	477	421	372
Greece	134	96	108	122	97	144	129	129	133	127
Hungary	191	173	189	213	240	260	273	286	285	246
Ireland	86	88	87	103	122	120	141	147	162	145
Italy	446	359	364	363	404	391	409	418	413	338
Latvia	279	97	106	159	137	171	125	233	164	145
Lithuania	143	151	173	198	192	231	237	265	280	259
Malta	80	77	73	91	100	96	79	128	143	153
Netherlands	244	240	222	205	206	237	234	283	270	242
Poland	288	272	272	322	331	346	358	393	360	341
Portugal	210	191	225	202	225	219	237	275	268	248
Romania	185	164	164	191	201	205	213	234	234	214
Slovakia	341	340	372	394	409	415	448	468	460	419
Slovenia	450	430	412	387	498	527	597	659	601	601
Spain	279	222	233	248	272	270	284	296	283	250
Sweden	411	367	373	350	346	394	417	407	379	310
United Kingdom	159	150	148	163	159	164	165	161	152	132
European Union (28)	312	277	281	294	303	311	320	329	309	274
Albania	182	209	204	196	107	151	86	80	103	106
Bosnia-Herzegovina	137	133	143	144	142	201	215	232	238	239
Iceland	107	112	316	108	151	182	175	192	195	142
Macedonia	67	37	28	89	105	192	100	94	103	121
Montenegro	181	178	126	236	288	272	322	167	134	89
Norway	215	201	189	279	199	193	221	216	200	202
Serbia	67	52	45	55	75	92	112	147	167	147
Switzerland	333	337	343	338	312	334	331	339	314	281
Turkey	367	381	412	398	438	427	445	372	313	350
Other Europe	59	53	60	55	93	55	67	389	513	365
Other Europe	305	314	337	333	357	356	370	327	285	307
Azerbaijan	101	120	146	145	104	63	59	77	83	74
Belarus	265	277	276	228	180	179	211	217	221	214
Georgia	50	66	34	58	81	98	87	111	90	110
Kazakhstan	135	166	205	159	153	130	145	136	141	130
Moldova	52	43	51	47	72	22	53	41	65	72
Russia	289	297	300	298	275	267	280	284	298	290
Ukraine	139	135	123	94	74	95	102	106	106	106
Uzbekistan	45	51	62	63	56	55	72	78	84	97
Other C.I.S.	44	77	74	75	68	53	38	43	48	56
C.I.S.	198	208	211	201	182	176	186	190	199	195

Table 42
(continued)

Apparent Steel Use per Capita
(kg finished steel products)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	410	446	419	442	359	367	382	381	347	323
Costa Rica	128	146	167	166	180	164	167	146	127	99
Cuba	11	12	13	13	13	12	12	12	12	9
Dominican Republic	28	35	37	51	41	42	45	49	54	41
El Salvador	42	44	44	49	51	51	48	56	59	48
Guatemala	22	42	47	63	65	57	54	52	56	51
Honduras	22	25	19	20	39	35	34	35	31	29
Mexico	171	178	173	195	204	207	210	204	194	168
Nicaragua	12	18	18	19	18	17	17	16	15	11
Panama	56	65	152	145	125	131	107	106	79	34
Trinidad and Tobago	204	223	233	243	233	219	220	223	227	165
United States	286	306	302	336	300	284	301	305	297	242
Other North America	13	14	14	16	20	21	25	21	33	28
North America	230	246	241	267	243	235	246	247	238	198
Argentina	129	117	120	117	122	97	112	109	88	80
Bolivia	11	12	50	58	53	57	48	50	50	27
Brazil	132	133	139	126	104	90	94	101	99	101
Chile	159	173	154	148	156	143	149	144	149	124
Colombia	70	76	75	84	85	76	73	68	71	57
Ecuador	115	97	123	104	105	95	103	105	100	79
Paraguay	39	34	35	37	35	45	47	64	48	46
Peru	83	91	93	96	115	96	116	93	93	74
Uruguay	62	73	67	65	69	58	51	60	53	63
Venezuela	90	102	96	68	61	23	17	6	4	3
Other South America	47	51	55	54	69	51	55	67	82	86
South America	113	114	118	110	101	85	90	91	88	82
Algeria	103	124	148	159	151	140	140	129	130	110
Angola	32	41	39	38	28	10	7	7	8	7
Benin	14	17	12	13	12	11	9	9	16	14
Cameroon	7	11	10	12	12	10	8	9	8	12
Congo	26	32	52	58	31	19	13	7	8	8
Dem. Rep. of the Congo	2	2	2	2	2	1	1	2	2	2
Djibouti	171	230	135	177	640	727	545	502	676	531
Egypt	92	110	104	113	118	124	106	112	103	95
Equatorial Guinea	106	125	119	95	66	32	17	17	15	41
Ethiopia	5	7	8	9	10	10	7	6	8	5
Gabon	73	77	77	80	48	33	24	25	31	30
Ghana	32	31	32	35	39	36	32	33	39	42
Guinea	10	8	11	10	12	10	11	13	13	14
Ivory Coast	9	10	12	13	15	17	17	16	14	21
Kenya	28	22	29	29	36	31	27	28	58	41
Libya	10	143	242	256	216	213	145	152	240	222
Madagascar	4	4	4	5	5	6	5	5	5	4
Mauritania	28	29	32	38	26	25	29	22	22	17
Mauritius	77	68	73	69	90	81	88	101	110	97
Morocco	85	78	82	74	78	81	85	83	83	72
Mozambique	8	11	14	15	14	9	8	9	11	10
Nigeria	11	11	13	11	10	7	6	8	8	8
Senegal	31	27	23	27	29	34	31	37	36	36
South Africa	103	100	106	94	96	88	91	88	81	64
Sudan	8	9	7	8	8	8	7	8	8	7
Tanzania	10	9	15	12	13	10	10	13	16	12
Tunisia	72	71	69	71	72	72	73	74	74	62
Togo	17	26	22	26	26	21	19	22	25	20
Uganda	5	2	3	4	4	3	4	5	5	3
Zambia	12	10	13	10	11	9	10	10	10	14
Zimbabwe	8	9	9	9	11	11	9	11	9	10
Other Africa	3	3	4	4	5	5	5	5	6	5
Africa	28	30	33	33	33	31	28	29	30	26

Table 42
(continued)

Apparent Steel Use per Capita
(kg finished steel products)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bahrain	145	164	189	199	198	179	177	171	166	123
Iran	283	251	259	257	251	240	247	239	223	205
Iraq	86	107	112	94	86	91	86	86	87	75
Israel	271	285	314	332	366	402	376	393	403	406
Jordan	128	132	119	120	120	118	92	101	80	59
Kuwait	305	329	356	386	378	367	334	357	287	229
Lebanon	164	151	132	136	134	133	131	133	136	123
Oman	296	306	326	337	341	315	307	304	302	246
Qatar	488	493	529	579	583	556	578	419	358	311
Saudi Arabia	425	430	443	456	426	376	358	305	292	314
Syria	64	34	22	14	15	15	14	14	15	13
United Arab Emirates	764	771	741	776	770	837	836	842	777	720
Yemen	14	22	18	34	21	18	16	16	15	12
Other Middle East	1	4	3	4	1	1	2	2	1	0
Other Middle East	231	224	228	232	224	217	214	204	192	181
Bangladesh	25	27	27	34	47	46	37	42	48	47
P.R. China	466	477	533	508	478	482	545	586	636	691
Hong Kong	251	264	321	357	491	320	299	279	283	276
India	56	57	58	59	61	63	66	72	75	65
Indonesia	45	50	50	51	44	48	51	56	59	55
Japan	499	498	508	528	492	487	505	514	498	416
D.P.R. Korea (e)	45	44	43	45	48	48	45	39	39	39
South Korea	1 133	1 080	1 028	1 097	1 098	1 119	1 102	1 050	1 039	955
Malaysia	288	307	341	337	330	334	304	310	288	211
Mongolia	108	125	151	153	115	65	82	119	147	166
Myanmar	24	29	29	43	49	48	42	44	50	52
Pakistan	14	16	18	23	30	37	41	35	26	26
Philippines	53	62	68	73	86	93	93	101	93	79
Singapore	740	712	784	694	718	501	477	502	400	273
Sri Lanka	27	30	29	33	46	52	50	47	42	38
Taiwan (R.o.C.)	778	761	793	833	744	774	746	750	741	777
Thailand	215	241	262	281	264	301	275	277	265	233
Vietnam	109	122	130	157	197	238	229	234	252	240
Other Asia	30	12	9	14	11	23	31	32	54	20
Asia	236	240	260	254	244	247	269	284	301	309
Australia	267	282	248	273	263	241	221	221	218	200
New Zealand	158	165	170	185	175	162	168	172	169	156
Other Oceania	57	50	28	26	29	30	28	24	24	24
Oceania	195	203	176	193	186	172	160	159	157	144
World	202	203	214	213	204	204	217	224	230	228

Table 43

Production of Pig Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	5 815	5 751	6 152	6 029	5 805	5 642	6 335	5 269	5 750	5 322
Belgium	4 725	4 073	4 343	4 388	4 248	4 869	4 849	4 754	4 818	3 647
Czechia	4 137	3 935	4 040	4 152	4 031	4 165	3 691	4 005	3 635	3 540
Germany	27 563	26 493	26 678	27 379	27 842	27 270	27 816	27 271	25 520	22 470
Finland	2 500	2 130	2 050	2 475	2 594	2 670	2 604	2 700	2 260	2 275
France	9 698	9 532	10 276	10 866	10 097	9 724	10 678	10 530	9 877	7 696
Hungary	1 317	1 229	628	801	1 247	864	1 311	1 355	1 151	968
Italy	9 838	9 424	6 933	6 371	5 051	6 044	5 052	4 836	4 606	3 405
Netherlands	5 943	5 917	5 681	5 868	6 050	6 092	6 145	6 150	5 936	5 435
Poland	3 975	3 952	4 011	4 637	4 821	4 674	5 151	4 853	4 386	3 470
Romania	1 593	1 467	1 604	1 631	1 983	1 972	1 927	1 979	2 107	1 848
Slovakia (e:2018-20)	3 346	3 520	3 617	3 838	3 738	3 987	4 108	4 037	3 185	2 753 e
Spain	3 540	3 081	3 949	3 958	4 450	4 116	4 462	4 521	3 880	2 850
Sweden	3 240	2 805	2 896	3 078	2 865	3 079	3 111	2 877	3 172	2 854
United Kingdom	6 625	7 183	9 471	9 705	8 774	6 142	5 996	5 588	5 622	5 235
European Union (28)	93 855	90 493	92 328	95 176	93 596	91 312	93 237	90 724	85 904	73 770
Bosnia-Herzegovina	685	750	759	860	845	778	738	664	745	739
Norway	101	100	106	102	59	43	74	79	74	81
Serbia	1 226	312	365	550	904	1 154	1 340	1 593	1 577	1 107
Turkey	8 173	8 613	9 180	9 364	10 184	10 304	10 589	10 536	9 869	9 971
Other Europe	10 184	9 774	10 411	10 876	11 992	12 280	12 741	12 873	12 265	11 898
Kazakhstan	3 190	2 831	2 756	3 185	3 235	6 901	3 769	3 141	3 168	2 818
Russia	48 117	50 529	50 111	51 479	52 356	51 840	52 094	51 775	51 075	51 908
Ukraine	28 867	28 500	29 094	24 788	21 797	23 618	20 147	20 563	20 064	20 423
C.I.S.	80 174	81 860	81 962	79 452	77 388	82 359	76 010	75 479	74 306	75 149
Canada	7 323	7 654	6 100	6 728	5 851	6 240	6 306	6 646	6 320	5 223
Mexico	4 609	4 611	4 911	5 115	4 573	4 476	4 245	4 428	3 845	2 436
United States	30 227	32 062	30 308	29 374	25 435	22 293	22 395	24 058	22 301	18 320
North America	42 159	44 328	41 319	41 218	35 859	33 008	32 946	35 132	32 467	25 979
Argentina	2 801	2 073	2 650	2 766	2 685	2 141	2 171	2 184	1 964	1 930
Brazil (1)	33 319	26 900	26 200	27 016	27 985	26 345	28 572	28 655	26 280	24 628
Chile	1 072	1 068	766	584	644	677	670	661	595	663
Colombia	302	345	307	234	240	225	203	205	207	164
Paraguay	42	67	69	71	73	50	38	39	41	35
South America	37 535	30 454	29 992	30 671	31 627	29 439	31 654	31 744	29 087	27 421
Algeria (e)	360	350	300	300	300	300	300	300	300	300 e
Egypt (e)	600	550	550	550	500	500	150	150	170	120 e
South Africa	4 604	4 599	4 928	4 402	4 464	4 311	4 352	4 611	3 791	2 103
Africa	5 564	5 499	5 778	5 252	5 264	5 111	4 802	5 061	4 261	2 523
Iran	2 242	2 143	2 007	2 782	2 459	2 251	2 293	2 362	2 530	2 466 e
Middle East	2 242	2 143	2 007	2 782	2 459	2 251	2 293	2 362	2 530	2 466

(1) - steel industry only.

Table 43
(continued)

Production of Pig Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
China	645 429	670 102	711 499	713 748	691 413	702 273	713 619	779 876	808 494	888 976
India	43 624	47 987	51 359	55 166	58 394	63 714	66 808	72 610	74 156	67 782
Indonesia	...	...	...	1 730	2 460	2 640	2 650	2 730	2 900	3 000 e
Japan	81 028	81 405	83 849	83 872	81 011	80 186	78 330	77 328	74 907	61 600
DPR Korea (e)	250	250	250	250	250	250	250	250	250	250 e
South Korea	42 213	41 734	41 045	46 909	47 639	46 336	47 071	47 124	47 521	45 360
Malaysia	...	...	...	...	477	522	382	487	3 872	4 251 e
Pakistan	358	198	165	142	163					
Taiwan, China	12 718	11 785	13 319	14 440	14 370	14 890	14 361	14 841	14 510	13 441
Vietnam	600	650	650	1 393	1 700	2 600	4 250	8 323	9 836	12 500 e
Asia	826 220	854 111	902 136	917 651	897 875	913 410	927 722	1003 570	1036 446	1097 160
Australia	5 265	3 710	3 477	3 282	3 594	3 642	3 758	3 882	3 664	3 723
New Zealand	659	670	682	680	678	670	683	679	672	613
Oceania	5 925	4 381	4 160	3 962	4 272	4 313	4 441	4 561	4 336	4 336
World	1 103 856	1 123 042	1 170 091	1 187 040	1 160 333	1 173 483	1 185 846	1 261 505	1 281 602	1 320 701

Table 44

Exports of Pig Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	1	0	1	2	2	5	3	1	0	0
Belgium	258	236	231	173	144	174	165	121	84	56
Bulgaria	1	1	2	2	1	2	8	6	5	1
Czechia	46	83	68	43	16	16	103	148	46	52
Germany	178	125	137	116	141	145	237	194	191	266
Finland	0	14	6	0	0	5	8	0	0	1
France	53	44	42	35	34	37	49	106	126	48
Italy	22	52	40	49	59	60	48	63	54	31
Netherlands	191	269	113	172	220	271	455	552	523	553
Poland	22	79	50	80	65	85	66	83	76	63
Portugal	20	17	18	38	47	51	1	0	1	1
Romania	0	0	0	0	0	0	0	0	1	...
Slovakia	27	29	38	15	17	32	25	13	8	12
Slovenia	22	19	11	13	4	5	2	1	2	2
Spain	6	11	17	9	5	14	13	14	7	5
Sweden	111	88	35	67	77	90	89	0	0	0
United Kingdom	2	4	2	2	3	0	5	8	6	11
Other E.U.	4	2	2	4	1	4	1	3	2	1
European Union (28)	964	1 074	811	819	837	996	1 280	1 314	1 132	1 102
o/w: extra-E.U.(28)	99	97	105	91	95	48	113	72	87	181
Bosnia-Herzegovina	37	54	45	39	39	1	...	27	...	...
Serbia	47	37	1	22	8	21	7	31	44	48
Turkey	9	8	6	5	5	10	5	4	2	7
Other Europe	0	0	0	0	0	0	0	0	0	0
Other Europe	93	99	52	65	52	32	12	62	47	55
Kazakhstan	1	1	1	3	2	35	3	39	92	93
Russia	4 240	3 996	3 946	4 359	5 339	5 139	4 819	5 774	4 253	4 182
Ukraine	1 774	1 966	2 261	2 212	2 152	2 540	2 343	3 007	2 580	3 104
Other C.I.S.	3	10	5	0	0	0	0	0	0	0
C.I.S.	6 017	5 974	6 213	6 574	7 494	7 713	7 164	8 820	6 925	7 380
Canada	107	148	76	21	16	46	40	34	55	77
United States	126	122	44	52	67	62	66	26	11	94
Other North America	1	0	0	0	0	0	0	0	0	0
North America	234	270	121	73	83	108	106	60	66	171
Brazil	3 247	3 027	2 692	2 588	2 752	2 179	2 282	1 913	2 865	3 747
Other South America	1	0	3	15	17	35	5	0	0	0
South America	3 248	3 028	2 695	2 604	2 768	2 214	2 287	1 913	2 865	3 747
Algeria	27	23	9	17	14	...	27	10	30	8
South Africa	595	614	632	740	434	311	544	625	534	439
Other Africa	0	0	0	0	...	1	1	4	0	1
Africa	623	637	641	757	447	312	572	640	564	447
Iran	36	0	0	0	0	7	1	0	1	1
United Arab Emirates	20	...	0	0	...	...	1	1	0	2
Other Middle East	32	34	43	...	3	40	10	63	20	0
Middle East	88	35	43	0	3	47	12	64	21	2

Table 44
(continued)

Exports of Pig Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
China	872	302	265	242	169	133	86	1	1	1
India	1 197	394	1 063	835	542	556	655	322	277	426
Indonesia	...	2	63	286	283	569	140	56	107	260
Japan	51	402	283	47	54	17	25	27	44	542
D.P.R. Korea (e)	234	187	166	166	135	135	133	...	...	...
South Korea	37	41	2	3	0	4	53	84	78	83
Taiwan, China	29	17	17	12	12	9	14	17	8	11
Thailand	0	1	2	1	1	2	1	1	0	0
Vietnam	9	...	...	74	46	71	36	7	0	5
Other Asia	2	0	10	2	92	110	56	99	62	77
Asia	2 433	1 345	1 870	1 668	1 334	1 605	1 199	614	577	1 406
Australia	1	0	0	0	0	0	0	0	0	0
New Zealand	...	0	...	...	0	...	...	...	0	...
Other Oceania	...	...	...	...	...	...	...	...	...	...
Oceania	1	0	0	0	0	0	0	0	0	0
World	13 700	12 461	12 446	12 561	13 019	13 027	12 633	13 487	12 198	14 311

Table 45

Imports of Pig Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	31	19	21	18	62	76	17	16	23	22
Belgium	318	286	279	232	182	201	215	253	253	86
Bulgaria	18	14	19	14	18	14	17	16	14	12
Croatia	13	12	14	13	15	14	14	14	11	10
Czechia	76	65	65	73	60	59	57	60	52	46
Denmark	16	17	19	19	22	17	7	14	14	12
Germany	506	585	448	460	547	593	438	465	428	232
Finland	33	22	19	12	20	24	23	27	15	10
France	156	132	186	149	150	143	135	159	151	103
Greece	9	0	3	7	38	2	14	12	6	3
Hungary	6	5	5	8	8	8	4	7	5	6
Ireland	1	1	1	0	0	0	0	0	0	0
Italy	1 288	1 107	1 481	1 690	1 671	1 600	1 656	1 701	1 412	1 085
Latvia	2	3	1	1	1	0	0	0	1	0
Netherlands	335	320	243	424	401	475	501	570	554	415
Poland	227	193	157	173	237	216	239	281	222	203
Portugal	5	2	3	4	9	18	28	3	2	5
Romania	48	59	36	11	22	38	29	51	60	47
Slovakia	43	38	36	35	38	46	45	40	36	34
Slovenia	25	31	30	29	30	22	24	19	17	19
Spain	316	274	219	276	247	221	197	232	266	153
Sweden	79	55	53	57	51	54	52	64	50	41
United Kingdom	69	59	38	53	47	33	50	37	50	22
Other E.U.	1	1	1	1	0	1	1	1	1	1
European Union (28)	3 622	3 299	3 376	3 760	3 875	3 875	3 763	4 042	3 643	2 566
o/w: extra-E.U.(28)	2 787	2 442	2 621	3 050	3 189	2 973	2 942	3 174	2 846	2 013
Montenegro	...	...	...	0	0	0	0	0	...	...
Norway	11	10	8	3	1	4	1	1	2	1
Serbia	1	1	1	1	0	0	0	0	0	0
Switzerland	18	13	15	14	11	10	13	12	9	9
Turkey	1 138	1 377	968	913	1 172	1 101	1 012	1 303	1 232	1 114
Other Europe	3	1	1	9	4	3	11	6	3	4
Other Europe	1 170	1 402	994	939	1 188	1 118	1 038	1 322	1 247	1 128
Belarus	160	154	149	122	97	92	110	91	97	76
Moldova	6	3	0	0	2	0	1	2	0	9
Ukraine	44	34	13	7	3	2	2	1	1	1
Other C.I.S.	3	4	5	9	5	19	100	542	51	16
C.I.S.	214	194	167	138	107	113	212	636	149	102
Canada	26	38	28	56	57	36	61	41	22	4
Mexico	208	166	284	323	838	551	236	390	345	181
United States	4 190	4 270	4 118	4 603	4 534	3 866	5 127	6 017	5 005	4 504
Other North America	10	231	1	16	0	0	2	1	0	1
North America	4 433	4 705	4 431	4 998	5 429	4 454	5 425	6 450	5 372	4 690
Argentina	10	29	7	4	55	81	75	39	16	24
Chile	16	38	1	1	1	1	1	1	1	1
Colombia	0	31	0	0	0	1	0	0	0	...
Other South America	2	31	2	2	1	9	117	177	82	36
South America	29	129	10	7	57	92	193	217	99	60
Egypt	21	1	59	113	177	72	0	10	0	1
Other Africa	5	10	6	10	5	13	9	7	6	8
Africa	26	11	65	124	182	85	9	17	6	9
Iran	0	0	0	0	0	0	0	...	...	0
Saudi Arabia	0	27	77	128	36	603	83	62	214	16
United Arab Emirates	3	47	65	84	104	35	76	140	63	163
Other Middle East	3	2	2	3	6	5	11	7	60	6
Middle East	6	77	144	215	146	643	170	210	337	186

Table 45
(continued)

Imports of Pig Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
China	971	581	298	193	168	190	166	93	1 000	5 560
India	11	12	46	27	35	38	27	20	20	10
Indonesia	54	183	263	23	9	19	79	113	59	10
Japan	322	113	121	167	99	86	94	78	164	46
D.P.R. Korea (e)	3	3	1	...	1	0	2	...	...	...
South Korea	925	833	987	898	413	337	245	168	169	149
Malaysia	80	58	153	62	16	36	72	69	32	8
Pakistan	9	8	5	7	23	26	34	31	9	12
Taiwan, China	840	768	809	551	579	421	443	634	407	181
Thailand	356	204	115	385	371	462	411	384	170	177
Vietnam	49	38	47	17	33	74	60	104	95	81
Other Asia	59	25	86	30	96	175	127	787	172	158
Asia	3 679	2 826	2 930	2 360	1 843	1 863	1 761	2 480	2 298	6 393
Australia	11	7	10	13	12	11	17	13	21	12
New Zealand	0	0	0	0	0	0	0	0	0	0
Other Oceania	0	0	0	0	...	...	3	...	...	...
Oceania	11	7	10	13	12	11	20	13	21	12
World	13 191	12 650	12 128	12 554	12 839	12 253	12 591	15 387	13 172	15 146

Table 46

Production of Direct Reduced Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Germany	380	555	498	566	551	603	635	564	470	450
Sweden	117	105	113	105	109	102	103	109	110	100
European Union (28)	497	660	611	671	659	705	738	673	580	550
Russia	5 200	5 125	5 329	5 350	5 436	5 820	7 242	7 901	8 030	7 810
C.I.S.	5 200	5 125	5 329	5 350	5 436	5 820	7 242	7 901	8 030	7 810
Canada	702	842	1 250	1 550	1 502	1 399	1 608	1 670	1 440	1 171
Mexico	5 854	5 586	6 100	5 979	5 499	5 306	6 011	5 972	5 974	5 170
Trinidad and Tobago	3 030	3 250	3 290	3 240	2 520	1 500	1 600	1 650	1 900	1 500
United States				1 300	1 100	1 810	2 990	3 350	3 240	3 500
North America	9 586	9 679	10 640	12 068	10 621	10 015	12 208	12 642	12 553	11 341
Argentina	1 670	1 607	1 466	1 663	1 252	773	1 231	1 606	1 086	525
Peru	94	96	93	88	72	11				
Venezuela	4 159	4 472	2 727	1 402	1 356	691	491	442	393	285
South America	5 924	6 174	4 285	3 153	2 680	1 474	1 722	2 048	1 479	810
Algeria	...	...	...	...	...	...	...	110	1 540	2 230
Egypt	2 932	3 068	3 432	2 882	2 451	2 618	4 667	5 753	4 426	4 828
Libya	165	508	956	998	449	699	560	612	856	796
South Africa	1 414	1 493	1 295	1 612	1 125	702	925	835	661	176
Africa	4 511	5 069	5 683	5 492	4 025	4 019	6 152	7 309	7 483	8 031
Bahrain			780	1 440	1 230	1 260	1 260	1 600	1 450	1 500 e
Iran	10 368	11 582	14 458	14 551	14 546	16 013	19 401	25 745	28 522	30 818
Oman	1 242	1 520	1 468	1 420	1 509	1 439	1 526	1 500	1 750	1 800
Qatar	2 350	2 420	2 386	2 549	2 631	2 506	2 548	2 526	2 423	763
Saudi Arabia	5 810	5 660	6 070	6 460	5 800	5 890	5 740	6 000	5 780	5 192
United Arab Emirates	1 800	2 699	3 075	2 409	3 190	3 479	3 608	3 784	3 667	2 961
Middle East	21 570	23 881	28 237	28 829	28 906	30 587	34 082	41 155	43 592	43 034
China	...	...	...	1 000	...	...	...	...	...	...
India	25 332	23 438	22 615	24 542	22 644	24 574	29 505	34 213	36 818	33 593
Indonesia	1 228	524	757	155	53	...	22	237	120	31
Malaysia	2 877	2 329	1 399	1 007	957	656	570	743	595	747
Pakistan	...	...	60	...	...	...	...	...	...	...
Asia	29 437	26 291	24 831	26 704	23 654	25 230	30 098	35 193	37 534	34 371
World	76 725	76 879	79 616	82 268	75 982	77 851	92 242	106 921	111 252	105 947

Table 47

Exports of Direct Reduced Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	4	...	...	0	...	0	113	203	226	281
Bulgaria	...	...	...	...	...	...	...	...	...	...
Germany	0	0	0	0	0	0	0	0	0	0
France	3	6	3	13	16	0	0	0	1	0
Netherlands	1	0	8	8	13	0	2	0	65	56
Spain	2	2	2	4	3	1	0	0	0	0
Sweden	10	2	3	2	3	3	2	2	2	2
Other EU	26	7	7	7	65	52	18	49	39	37
European Union (28)	47	16	23	34	99	56	135	255	333	375
o/w: extra-E.U.(28)	16	9	9	18	82	20	2	4	2	9
Turkey	0	...	...	0	...	...	0	0	0	0
Other Europe	5	1	4	4	4	0	0	0	0	0
Other Europe	5	1	4	4	4	0	0	0	0	0
Russia	2 144	2 132	2 062	2 192	2 207	2 289	2 848	3 637	4 092	3 933
Other CIS	...	...	0	0	...	...	0	...	24	1
C.I.S.	2 144	2 132	2 062	2 192	2 207	2 289	2 848	3 637	4 115	3 934
Canada	0	13	83	85	0	68	...	2	2	1
Mexico	...	55	...	...	...	...	...	...	...	34
Trinidad and Tobago	2 504	2 414	2 308	2 784	2 609	1 708	1 746	1 601	1 847	1 480
United States	14	8	5	4	21	178	640	554	314	647
Other North America	...	0	...	...	...	...	...	...	...	...
North America	2 518	2 490	2 396	2 873	2 630	1 954	2 386	2 157	2 163	2 162
Venezuela	1 768	2 117	800	56	928	1 156	1 233	590	663	1 129
Other South America	...	0	0	0	0	...	0	...	...	...
South America	1 768	2 117	800	56	928	1 156	1 233	590	663	1 129
Libya	59	34	206	285	120	130	108	123	187	276
South Africa	0	1	1	45	63	32	51	37	38	18
Other Africa	...	0	...	2	10	...	0	0	0	1
Africa	59	34	207	332	193	161	159	161	225	294
Iran	30	...	32	...	...	34	6	372	325	151
Oman	591	916	426	184	196	561	873	494	6 939	4 524
Qatar	170	36	46	41	18	0	91	...	2	4
Saudi Arabia	4	39	33	66	10	17	3	...	28	0
United Arab Emirates	2	1	187	50	13	25	73	82	126	98
Other Middle East	0	0	83	51	21	489	518	927	491	644
Middle East	797	992	807	392	259	1 126	1 563	1 874	7 910	5 422
China	151	112	224	60	41	1	15	0	0	0
India	70	126	117	167	132	262	500	658	861	591
Indonesia	0	42	0	21	1	...	1	2	1	19
Japan	1	1	1	1	1	...	...	...	...	...
DPR Korea (e)	9	5	10	12	2	...	...	...	...	...
South Korea	42	70	66	79	18	12	0	0	...	0
Malaysia	570	861	479	703	391	522	570	717	573	748
Other Asia	1	1	2	1	10	0	1	11	7	3
Asia	844	1 218	898	1 043	598	798	1 086	1 389	1 441	1 361
Australia	1	0	0	0	...	0	0	0	0	0
Other Oceania	0	...	...	...	...	0	0	0	...	0
Oceania	1	0	0	0	...	0	0	0	0	0
World	8 183	9 000	7 197	6 926	6 919	7 540	9 411	10 063	16 851	14 678

Table 48

Imports of Direct Reduced Iron

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	5	69	37	42	29	89	425	265	171	192
Belgium	30	18	31	12	37	43	125	286	343	380
Czechia	20	15	9	6	6	3	3	5	5	6
Denmark	2	2	27	36	26	13	6	5	2	4
Germany	232	127	335	537	640	590	951	791	767	640
Finland	0	0	0	0	0	0	0	6	22	...
France	80	34	42	33	74	59	198	249	361	248
Italy	499	509	652	663	1 042	1 122	1 123	1 236	1 014	892
Netherlands	398	414	189	189	82	15	60	0	85	41
Portugal	37	27	30	0	280	123	129	81	216	132
Spain	590	441	640	596	734	299	426	426	434	356
Sweden	17	33	37	30	32	30	31	27	24	22
United Kingdom	138	194	24	0	15	16	1	0	0	0
Other EU	27	1	1	2	37	9	19	7	32	10
European Union (28)	2 073	1 884	2 053	2 148	3 035	2 411	3 498	3 383	3 475	2 923
o/w: extra-E.U.(28)	1 816	1 795	1 984	2 087	2 937	2 314	3 234	3 167	3 195	2 623
Turkey	0	5	29	46	47	77	250	182	398	289
Other Europe	39	36	24	7	33	0	0	0	0	0
Other Europe	39	41	53	53	80	77	250	182	398	289
Belarus	96	51	58	90	42	70	179	265	298	248
Moldova	33	15	12	11	...	...	...	1	6	3
Ukraine	326	260	61	39	11	45	2	2	3	3
Other CIS	0	0	...	30	25	22	96	228	273	375
C.I.S.	455	326	131	170	78	137	277	496	580	629
Canada	198	160	64	40	5	1	0	14	15	10
Mexico	130	185	109	159	203	549	577	815	466	199
United States	1 852	2 762	2 364	2 392	1 866	1 598	1 789	1 752	1 762	1 364
Other North America	40	0	1	...	2	...	47	0	2	0
North America	2 221	3 107	2 539	2 590	2 077	2 148	2 413	2 581	2 246	1 573
Argentina	0	32	0	38	93	0	0	...	...	...
Peru	29	52	41	40	55	...	33	1	...	...
Other South America	0	35	0	0	0	...	...	0	...	0
South America	30	119	41	78	147	0	33	1	...	0
Egypt	172	187	86	67	0	32	0	0	...	...
South Africa	0	1	0	1	0	...	40	3	...	1
Other Africa	3	2	2	1	50	221	489	500	148	204
Africa	175	189	88	69	50	254	528	503	148	205
Saudi Arabia	0	0	80	126	13	1 255	1 713	1 184	15 179	0
United Arab Emirates	5	...	0	1	0	0	0	51	1	0
Other Middle East	5	7	8	287	42	90	125	987	400	765
Middle East	10	7	89	415	55	1 345	1 839	2 222	15 581	766
China	1 383	1 071	606	405	182	67	20	108	1 365	3 458
India	422	1 069	671	178	38	22	90	53	58	55
Indonesia	178	350	182	37	34	3	59	28	30	26
Japan	242	84	63	124	29	25	9	22	19	40
South Korea	442	439	644	636	346	383	417	449	406	163
Malaysia	36	14	59	46	54	16	35	57	84	26
Other Asia	25	97	131	189	174	459	561	719	852	772
Asia	2 729	3 124	2 356	1 614	858	975	1 190	1 436	2 814	4 541
Australia	1	1	0	0	0	0	1	1	2	1
Other Oceania	0	...	0	0	...	0	33	0	0	...
Oceania	1	1	1	1	0	0	34	1	2	1
World	7 733	8 798	7 351	7 136	6 381	7 348	10 062	10 806	25 243	10 928

Table 49

Monthly Primary Iron Production

2020

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	496	504	462	371	415	382	382	423	429	515	442	501	5 322
Czechia	320	303	318	290	280	233	269	270	305	293	333	327	3 540
Bel/Fin/Rom/Slo/Swe (1)	1 293	1 230	1 273	1 028	1 038	971	1 035	1 083	1 058	1 177	1 102	1 088	13 378
France	884	807	679	433	467	447	524	538	662	688	733	832	7 696
Germany (1)	2 052	2 132	2 101	1 647	1 536	1 448	1 543	1 816	1 800	2 074	2 094	2 228	22 470
Hungary	78	86	107	99	91	90	77	69	78	72	65	55	968
Italy	394	397	342	235	235	222	230	238	235	295	287	296	3 405
Netherlands	533	506	510	436	442	315	444	429	346	498	492	485	5 435
Poland	322	306	302	318	271	302	318	186	252	317	302	318	3 470
Spain	234	300	328	183	185	190	201	152	196	284	304	293	2 850
United Kingdom	516	416	314	502	417	407	473	426	474	464	537	352	5 235
European Union (28)	7 123	6 986	6 735	5 526	5 377	4 982	5 496	5 628	5 774	6 677	6 691	6 774	73 770
Bosnia-Herzegovina	70	67	67	63	44	62	69	46	55	62	65	68	739
Serbia	109	101	102	89	88	94	88	83	88	89	91	86	1 107
Turkey	910	843	887	726	681	835	934	913	840	798	768	837	9 971
Other Europe	1 089	1 011	1 056	878	813	991	1 090	1 042	983	949	923	991	11 817
Kazakhstan	271	216	271	208	202	258	270	268	272	286	273	292	2 818
Russia (1)	4 629	4 238	4 503	4 167	4 443	4 129	4 124	4 326	4 280	4 289	4 265	4 515	51 908
Ukraine	1 729	1 626	1 740	1 391	1 672	1 820	1 762	1 814	1 615	1 711	1 714	1 829	20 423
C.I.S.	6 629	6 080	6 514	5 766	6 317	6 207	6 156	6 408	6 167	6 286	6 252	6 636	75 149
Canada	658	669	628	455	371	424	457	426	511	565	619	611	6 394
Mexico	718	540	645	554	544	580	638	706	708	692	682	597	7 606
United States (1)	1 682	1 920	1 908	1 106	949	1 173	1 308	1 520	1 606	1 697	1 698	1 750	18 320
North America	3 058	3 130	3 181	2 115	1 865	2 177	2 403	2 652	2 825	2 954	3 000	2 959	32 319
Argentina	207	248	234	148	92	114	235	244	195	260	225	252	2 455
Brazil (2)	2 171	2 178	2 099	1 751	1 718	1 678	2 015	2 140	2 015	2 172	2 344	2 347	24 628
Chile	50	46	61	57	57	49	50	55	59	59	61	60	663
Colombia	19	13	15	9	7	9	12	16	15	15	18	15	164
Paraguay	3	2	3	2	1	2	3	4	4	4	4	4	35
Venezuela	34	36	38	22	17	13	18	21	31	15	18	23	285
South America	2 483	2 524	2 450	1 988	1 893	1 865	2 333	2 480	2 320	2 525	2 669	2 700	28 231
Egypt (3)	495	427	434	406	462	416	382	423	331	335	362	355	4 828
Libya	88	101	84	0	48	74	41	60	23	81	89	107	796
South Africa	299	285	281	3	2	161	243	215	159	224	175	231	2 279
Africa	882	813	799	409	512	651	667	698	513	640	626	693	7 904

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

Table 49
(continued)

Monthly Primary Iron Production

2020

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Iran	2 543	2 036	2 734	2 876	3 222	2 958	2 608	2 576	3 063	2 877	2 876	2 915	33 284
Qatar	234	82	97	15	14	47	52	51	47	41	38	45	763
Saudi Arabia	522	437	445	331	416	446	421	508	450	476	510	230	5 192
United Arab Emirates	360	336	305	158	151	184	213	165	276	188	284	341	2 961
Middle East	3 659	2 892	3 581	3 379	3 803	3 634	3 295	3 302	3 836	3 581	3 707	3 531	42 200
China	70 289	65 754	68 641	73 189	78 307	77 883	79 967	80 450	77 717	78 201	72 005	74 215	888 976
India	9 509	9 343	8 551	3 670	6 489	8 059	8 868	9 155	8 929	9 372	9 434	9 998	101 376
Japan	6 467	5 951	6 005	4 902	4 404	4 187	4 375	4 770	4 648	5 116	5 135	5 641	61 600
South Korea	3 960	3 575	3 679	3 290	3 484	3 482	3 906	4 091	3 967	3 944	3 868	4 115	45 360
Taiwan, China	1 220	1 140	1 267	1 159	1 147	1 130	1 015	998	1 010	1 066	1 077	1 212	13 441
Asia	91 445	85 763	88 142	86 210	93 830	94 741	98 130	99 464	96 271	97 699	91 519	95 181	1 110 753
Australia	339	306	268	278	333	299	323	322	273	331	316	334	3 723
New Zealand	55	46	41	17	60	60	57	69	58	65	26	60	613
Oceania	394	352	309	295	392	359	380	391	331	396	341	394	4 336
Total 44 countries	116 762	109 550	112 768	106 567	114 801	115 609	119 950	122 064	119 021	121 709	115 730	119 859	1 386 479

- (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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria (1)	2 100	2 200	2 320	2 400	2 775	2 773	2 975	2 800	3 300	3 000
Germany (1)(2)	488	448	413	456	468	514	447	448	534	1 200
Sweden	26 113	26 540	27 285	28 144	24 600	26 900	27 200	27 530	29 200	29 180
European Union (28)	28 701	29 188	30 018	31 000	27 843	30 187	30 622	30 778	33 034	33 380
Bosnia-Herzegovina	1 900	2 100	2 100	2 100	2 123	1 752	1 600	1 400	1 400	1 400
Norway	1 900	3 280	3 440	3 792	3 290	1 800	1 700	1 770	1 600	1 550
Turkey	6 450	6 557	8 589	11 887	7 800	7 100	6 227	6 339	6 586	7 900
Other Europe	10 250	11 937	14 129	17 779	13 213	10 652	9 527	9 509	9 586	10 850
Azerbaijan	214	215	145	115	...	26	...	...	...	...
Kazakhstan	17 636	16 722	19 373	15 546	11 359	10 064	10 874	12 717	13 767	13 565
Russia	103 805	103 337	102 497	101 448	101 973	104 007	106 507	107 399	107 695	111 026
Ukraine	81 189	80 826	83 696	82 409	81 966	74 967	76 711	74 172	76 406	78 495
C.I.S.	202 845	201 099	205 711	199 518	195 298	189 064	194 091	194 287	197 868	203 086
Canada (3)	37 101	39 401	41 841	44 196	45 954	46 731	50 300	52 760	58 470	58 750
Mexico (4)	12 806	24 058	30 386	26 819	21 729	19 499	16 472	21 244	13 935	11 390
United States	54 700	58 000	52 800	56 100	46 100	41 800	47 900	49 500	46 900	38 600
North America	104 606	121 459	125 028	127 115	113 783	108 030	114 672	123 504	119 305	108 740
Argentina	285	485	435	328	...	...	...	...	...	...
Brazil	397 000	380 086	391 100	421 320	430 838	432 700	453 700	450 390	396 840	391 000
Chile	11 995	12 060	11 750	13 030	15 431	16 080	16 089	14 490	13 137	15 000
Colombia	174	392	710	676	902	716	713	576	667	254
Peru	9 838	10 639	7 014	7 193	7 321	7 663	8 800	9 530	10 120	8 890
Venezuela	16 348	16 347	7 831	6 284	10 530	8 465	6 668	4 044	2 668	1 500
South America	435 640	420 008	418 840	448 831	465 022	465 623	485 970	479 029	423 431	416 644
Algeria	1 600	1 784	1 067	911	944	826	830	635	2 849	3 900
Egypt	1 500	3 930	1 422	1 500	500	600	600	500	600	1 600
Liberia	1 300	3 250	4 100	4 900	4 300	2 100	2 000	4 600	4 400	5 100
Mauritania	11 176	11 170	12 532	13 306	11 607	13 275	11 771	10 710	12 196	13 500
Nigeria	...	...	...	50	4	12	12	2	0	...
Morocco	10	261	301	23	18	21	100	100	100	...
Sierra Leone	1 300	6 730	16 490	21 420	5 248	6 577	6 500	970	720	...
South Africa	58 057	67 100	71 645	80 741	72 806	66 456	74 790	74 260	70 500	69 000
Tunisia	200	223	243	308	285	211	198	176	186	186
Africa	75 143	94 448	107 800	123 158	95 711	90 076	96 800	91 952	91 552	93 286
Iran	38 260	43 497	48 693	54 100	51 000	64 500	74 000	55 000	60 932	53 564
Middle East	38 260	43 497	48 693	54 100	51 000	64 500	74 000	55 000	60 932	53 564
Bhutan	...	...	...	19	43	28	33	38	37	37
Burma	2 729	1 593	2 525	2 971	1 210	1 428	2 551	2 085	2 768	2 771
China (5)	1 335 025	1 327 300	1 522 129	1 526 717	1 381 289	1 271 731	1 229 373	763 374	844 356	866 717
China (4)	306 810	298 630	325 260	318 410	284 270	261 030	253 130	238 000	265 700	270 500
India	191 800	152 600	136 100	139 700	142 500	184 511	201 815	204 691	232 753	203 800
Indonesia	11 815	11 546	22 350	5 951	3 839	3 800	1 956	1 321	3 450	1 063
D.P.R. Korea (e)	5 300	5 100	3 444	3 212	1 931	2 022	2 044	387	387	387
South Korea (3)	542	593	663	693	445	445	311	383	342	342
Laos	...	61	441	1 098	235	115	250	99	470	1 130
Malaysia	8 078	12 144	12 134	9 615	1 532	1 847	3 872	3 536	4 160	2 420
Mongolia	5 678	7 561	6 011	6 293	4 274	4 936	7 695	6 225	8 570	9 220
Pakistan	...	...	409	197	329	432	502	677	627	485
Philippines	966	1 378	827	154	107	17	...	...	29	2
Thailand	489	303	390	348	16	...	0	...	18	201
Vietnam	2 371	1 506	2 495	2 308	2 691	3 100	5 515	5 588	5 591	200
Asia	536 578	493 015	513 049	490 970	443 422	463 712	479 672	463 031	524 903	492 559

Table 50
(continued)

Production of Iron Ore

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Australia	477 332	520 032	608 900	745 735	809 900	858 026	884 900	903 900	917 800	922 500
New Zealand	2 357	2 395	3 157	3 245	3 165	3 496	4 008	3 521	3 234	3 776
Oceania	479 689	522 427	612 057	748 980	813 065	861 521	888 908	907 421	921 034	926 276
World	1 911 713	1 937 078	2 075 326	2 241 453	2 218 356	2 283 365	2 374 263	2 354 513	2 381 645	2 338 386

(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, et al.

Table 51

Exports of Iron Ore

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	458	38	8	2	6	5	7	45	10	43
Bulgaria	...	23	...	183	226	217	235	200	165	149
Germany	44	40	44	66	65	45	70	47	431	884
Finland	555	0	...	0	38	184	180	206	99	23
France	129	88	168	90	100	78	18	65	29	87
Netherlands	18 543	20 931	21 092	21 800	23 362	18 675	18 742	22 605	21 129	16 916
Slovakia	22	119	416	98	14	42	27	10	44	60
Sweden	21 115	22 855	23 217	23 726	20 090	22 723	23 672	22 248	22 260	27 053
Other EU	254	229	459	97	150	16	361	216	575	464
European Union (28)	41 119	44 322	45 404	46 062	44 051	41 985	43 310	45 641	44 741	45 680
o/w: extra-E.U. (28)	9 222	24 384	9 743	9 147	7 450	21 109	9 476	9 100	11 182	14 611
Bosnia-Herzegovina	428	694	...	365	145	112	68	41	16	14
Norway	2 435	3 659	3 567	4 016	3 804	1 860	1 717	1 746	1 818	1 799
Other Europe	316	363	1 066	1 078	338	393	763	763	1 439	2 223
Other Europe	3 180	4 716	4 633	5 460	4 288	2 365	2 548	2 549	3 272	4 036
Kazakhstan	8 443	12 616	7 088	14 494	8 365	8 469	9 449	11 147	13 318	14 095
Russia	26 609	25 464	25 580	22 997	21 241	18 543	21 040	19 414	22 378	25 734
Ukraine	34 124	35 053	37 986	40 836	45 653	39 203	37 409	36 916	39 902	46 293
C.I.S.	69 176	73 133	70 654	78 328	75 259	66 214	67 898	67 477	75 599	86 122
Canada	33 812	34 471	38 023	40 301	36 864	40 596	41 174	47 719	52 162	55 135
Honduras	601	1 337	1 715	1 358	80	2	0	0	...	40
Mexico	4 906	4 406	10 105	2 291	176	41	114	352	1 095	1 890
Trinidad and Tobago	142	116	37	0	0	125	153	79	38	37
United States	11 073	11 179	11 041	12 385	8 157	8 761	10 609	12 986	11 339	10 431
North America	50 534	51 510	60 922	56 335	45 277	49 525	52 050	61 136	64 634	67 532
Argentina	268	367	480	406	310	170	26	270	872	...
Brazil	330 830	326 515	329 639	344 385	366 194	373 963	383 537	394 242	340 433	342 603
Chile	10 303	11 661	12 254	14 120	14 127	15 506	14 696	13 942	8 369	16 992
Peru	9 019	9 088	9 006	11 520	9 944	9 687	7 538	11 932	19 306	11 646
Venezuela	6 341	7 023	3 802	3 683	6 016	5 378	2 770	2 474	1 096	780
Other South America	5	9	5	20	26	8	43	12	513	516
South America	356 767	354 663	355 185	374 134	396 617	404 712	408 611	422 872	370 589	372 536
Egypt	0	7	124	263	159	76	25	...	16	7
Liberia	72	2 038	4 295	5 034	5 438	2 360	1 522	3 629	4 565	5 091
Mauritania	11 484	12 255	13 076	14 599	12 132	13 447	11 548	11 898	12 911	14 109
Morocco	12	173	309	27	8	54	51	10	10	8
Mozambique	...	93	12	28	...	...	62	20	29	0
Sierra Leone	51	3 961	11 996	19 190	2 585	4 108	6 985	923	171	...
South Africa	53 343	54 002	62 763	64 799	65 254	64 707	66 432	63 423	66 790	65 459
Other Africa			1 189	15	1	49	186	247	462	
Africa	64 962	72 528	92 574	105 130	85 592	84 752	86 674	80 089	84 739	85 137
Bahrain	6 000	5 000	2 900	218	128	628	6 727	7 599	9 101	5 589
Iran	16 675	17 534	22 462	21 796	13 125	17 869	21 783	17 200	12 802	2 839
Other Middle East	716	827	1 727	1 093	2 091	5 569	5 976	7 178	6 340	1 968
Middle East	23 391	23 361	27 089	23 107	15 344	24 066	34 486	31 977	28 242	10 396

Table 51
(continued)

Exports of Iron Ore

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
China	5	33	59	132	110	655	5 451	11 092	14 686	15 636
India	39 156	28 432	14 426	9 844	4 211	21 697	28 057	17 900	31 211	51 973
Indonesia	13 889	11 546	22 308	3 162	3 130	3 808	1 999	1 031	2 812	3 333
DPR Korea (e)	2 508	2 412	3 061	2 830	1 543	1 638	1 659	...	...	...
Malaysia	5 697	8 931	12 428	11 610	13 262	22 384	23 026	23 314	27 395	20 678
Mongolia	5 497	6 330	7 387	6 911	5 876	6 241	6 581	7 613	8 307	8 366
Philippines	1 623	1 378	1 086	1 265	1 577	1 110	1 629	601	2 972	3 396
Vietnam	2 895	1 749	4 502	1 518	266	948	3 513	1 739	2 026	339
Other Asia	3 705	2 158	3 199	4 178	1 879	1 792	3 090	2 398	4 201	5 071
Asia	74 974	62 967	68 457	41 450	31 852	60 272	75 005	65 687	93 609	108 793
Australia	465 625	524 056	613 379	754 302	810 529	854 443	872 751	887 434	836 224	873 031
New Zealand	233	1 665	1 971	2 201	2 071	3 214	2 931	2 471	2 194	2 827
Other Oceania	2 166	1 772	1 963	1 963	1 104	75	...	0	62	61
Oceania	468 024	527 493	617 312	758 465	813 704	857 732	875 682	889 905	838 480	875 919
World	1 152 127	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

Table 52

Imports of Iron Ore

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	6 732	6 056	5 864	5 100	5 137	4 152	5 695	5 518	4 496	3 202
Belgium	7 430	6 310	6 351	6 812	6 631	6 998	7 511	7 192	6 222	5 867
Bulgaria	1	2	10	14	1	1	3	3	4	2
Czechia	7 366	5 871	6 237	6 305	6 370	6 345	5 464	5 327	5 335	4 904
Denmark	100	78	40	29	53	85	49	61	38	2
Germany	39 672	40 724	40 930	43 030	40 964	41 273	38 265	39 557	37 061	33 447
Finland	3 045	3 221	2 903	3 078	3 423	3 516	3 166	3 551	2 618	2 539
France	13 512	13 604	15 285	17 106	15 655	13 947	16 238	16 070	13 880	11 167
Hungary	1 781	1 632	845	1 265	1 641	1 208	1 968	2 001	1 876	1 402
Italy	14 675	13 434	11 522	9 511	8 076	9 151	7 663	7 718	6 668	5 383
Netherlands	33 432	28 269	31 883	29 675	30 911	30 574	28 080	27 023	29 416	24 418
Poland	5 968	6 583	6 640	7 433	7 247	7 061	7 615	7 703	6 387	5 206
Romania	2 187	2 023	2 546	2 226	2 964	2 720	2 672	2 965	2 792	2 224
Slovakia	5 103	5 404	5 647	6 012	5 536	6 031	6 087	6 326	4 794	4 352
Spain	5 144	4 506	6 259	5 699	6 377	6 010	6 546	6 556	5 557	3 562
Sweden	51	44	26	26	70	175	171	186	96	39
United Kingdom	9 175	10 062	14 137	14 469	12 047	9 292	9 711	8 898	7 658	7 061
Other E.U.	4	5	4	11	28	22	23	27	19	17
European Union (28)	155 378	147 830	157 129	157 800	153 130	148 560	146 928	146 682	134 916	114 794
o/w: extra-E.U.(28)	129 262	121 782	127 770	126 230	123 740	132 871	132 095	129 852	122 175	100 393
Norway	128	93	74	49	27	75	87	29	32	36
Serbia	1 621	241	338	293	1 287	1 771	2 154	2 220	2 433	1 395
Turkey	6 644	7 842	8 114	8 544	10 011	10 418	10 931	10 736	10 125	9 921
Other Europe	149	12	9	13	12	14	16	12	21	18
Other Europe	8 542	8 188	8 536	8 900	11 338	12 277	13 188	12 997	12 612	11 369
Kazakhstan	...	0	...	0	...	...	...	0	1	1
Russia	146	225	86	10 341	8 103	7 203	8 458	7 996	9 199	8 046
Ukraine	1 838	2 882	3 110	3 212	2 255	1 765	297	112	14	0
Other CIS	7	45	22	48	52	186	188	151	224	180
C.I.S.	1 991	3 153	3 219	13 601	10 410	9 154	8 943	8 259	9 438	8 227
Canada	7 129	6 500	6 112	8 955	6 596	7 100	7 992	10 082	16 595	7 082
Mexico	1 460	1 368	1 142	1 551	1 460	3 699	2 541	3 301	2 364	1 489
Trinidad and Tobago	4 381	4 691	4 659	5 445	7 779	5 890	3 786	2 173	2 808	1 806
United States	5 268	5 132	3 172	5 097	4 550	3 079	6 371	5 678	6 000	5 160
Other North America	257	5	1	0	0	0	1	159	0	191
North America	18 494	17 696	15 086	21 049	20 385	19 768	20 690	21 394	27 769	15 728
Argentina	6 891	5 328	5 828	6 385	5 189	4 298	4 864	3 075	3 737	3 133
Brazil	0	0	0	5	0	0	0	0	298	171
Colombia	4	3	3	0	1	1	1	0	0	0
Paraguay	135	48	49	81	108	122	117	8	3	20
Peru	30	0	0	0	0	0	0	0	0	0
Venezuela	182	0	0	...	...	...	...	...	...	...
Other South America	0	1	0	0	0	1	83	119	3 972	192
South America	7 241	5 382	5 879	6 471	5 298	4 422	5 065	3 201	8 010	3 515
Algeria	11	26	0	0	0	3	4	386	2 538	3 206
Egypt	4 343	4 235	3 824	3 249	2 209	4 062	3 296	3 632	3 690	15 284
Libya	63	844	1 819	1 377	306	888	1 087	1 210	1 981	300
South Africa	417	558	476	479	429	341	466	487	461	1
Other Africa	85	12	167	371	2	51	813	1 976	4 674	4 417
Africa	4 918	5 675	6 287	5 476	2 946	5 344	5 666	7 690	13 344	23 208

Table 52
(continued)

Imports of Iron Ore

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bahrain	7 217	5 103	2 969	5 460	6 059	4 853	5 636	8 992	10 060	7 209
Iran	...	39	0	500	492	65	...	0	3	3
Qatar	3 797	2 714	2 431	2 268	2 451	1 630	3 104	3 822	2 197	493
Saudi Arabia	7 516	4 161	3 575	5 111	4 031	6 596	6 685	5 927	5 108	4 312
United Arab Emirates	2 807	3 050	3 051	2 703	3 850	2 282	3 902	3 969	3 919	2 948
Other Middle East	6 466	10 254	10 137	10 506	10 943	9 164	13 208	12 913	13 435	10 119
Middle East	27 803	25 321	22 163	26 549	27 825	24 590	32 534	35 622	34 722	25 083
Bangladesh	158	...	...	...	0	...	...	0	0	96
China	686 747	745 434	820 175	933 108	953 370	1 024 709	1 075 398	1 064 562	1 069 138	1 170 370
Hong Kong	811	242	724	4 754	3 655	3 647	2 358	1 599	2 494	15 914
India	1 316	2 822	1 115	7 413	9 515	3 597	5 362	15 890	2 129	717
Indonesia	1 804	973	1 932	3 869	5 424	5 110	5 420	5 582	4 903	6 876
Japan	128 489	131 114	135 886	136 436	131 010	130 035	126 526	123 852	119 574	99 448
South Korea	64 857	65 998	63 372	73 507	73 282	71 741	72 428	73 160	74 661	70 385
Malaysia	2 852	3 291	1 711	3 814	14 742	22 966	21 909	27 002	30 861	19 155
Pakistan	116	...	0	80	...	...	0	1	0	0
Philippines	3 045	6 746	6 891	6 352	15 836	3 287	5 050	4 028	4 794	4 476
Singapore	...	1	0	1	1	1	8	8	1	0
Taiwan, China	20 507	18 396	21 773	23 039	23 814	23 462	23 673	24 190	23 397	21 235
Thailand	82	11	11	4	...	...	...	...	...	1
Other Asia	245	14 110	234	114	298	14 640	4 312	9 891	10 236	11 167
Asia	911 030	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
Australia	4 987	3 951	4 070	3 003	2 792	815	341	769	815	888
Other Oceania	1	1	1	1	1	0	0	1	67	0
Oceania	4 988	3 952	4 071	3 004	2 793	815	342	769	883	889
World	1 140 385	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

Table 53

Exports of Scrap

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	952	978	999	1 077	1 051	1 114	1 231	1 169	1 135	1 214
Belgium	3 544	3 476	3 212	3 931	3 152	3 540	3 756	3 972	3 766	4 020
Bulgaria	851	731	611	399	240	240	399	382	440	447
Croatia	463	517	364	352	306	362	408	367	427	567
Cyprus	139	135	104	79	64	58	67	70	84	82
Czechia	1 993	1 901	1 880	2 045	1 751	1 774	2 101	2 243	2 263	2 185
Denmark	1 915	1 537	1 270	1 703	1 277	1 572	1 568	1 631	1 480	1 492
Estonia	537	593	489	415	291	369	561	489	411	404
Finland	337	363	326	398	353	318	336	420	502	691
France	6 167	6 118	5 985	6 177	5 380	5 428	6 176	6 429	6 594	6 119
Germany	9 034	8 924	8 378	8 433	7 492	8 675	8 174	8 085	7 940	7 726
Greece	87	57	71	62	24	17	38	69	39	60
Hungary	1 216	1 108	1 048	1 019	843	906	911	919	831	865
Ireland	588	491	404	440	349	350	447	584	423	355
Italy	318	325	254	269	309	353	426	462	490	663
Latvia	523	489	469	517	457	341	404	502	416	477
Lithuania	656	535	473	540	508	526	820	832	746	1 011
Luxembourg	91	83	75	90	100	117	111	105	100	89
Malta	38	34	28	49	29	38	45	147	42	40
Netherlands	4 482	4 798	4 195	3 994	4 055	5 037	5 572	6 159	6 342	6 274
Poland	1 660	1 833	1 909	2 005	1 431	1 340	1 397	1 677	2 128	2 204
Portugal	141	167	245	230	215	216	434	480	429	375
Romania	2 340	1 894	1 946	1 422	710	702	816	952	1 129	1 450
Slovakia	633	414	353	489	486	570	556	631	830	804
Slovenia	408	414	394	415	396	370	445	477	476	444
Spain	425	663	510	600	345	331	398	736	562	603
Sweden	1 422	1 525	1 298	1 441	1 246	1 389	1 402	1 330	1 491	1 445
United Kingdom	7 814	7 299	6 948	6 987	7 270	8 130	8 813	8 702	8 053	6 839
Other E.U.	3	5	4	2	4	2	2	5	5	3
European Union (28)	48 776	47 408	44 242	45 579	40 133	44 185	47 815	50 026	49 574	48 949
o/w: extra-E.U. (28)	17 777	18 815	16 943	17 419	15 277	17 776	19 919	21 539	21 836	22 577
Albania	97	100	24	23	17	32	23	12	10	12
Bosnia-Herzegovina	227	218	184	156	121	117	206	167	136	138
Macedonia	73	53	30	29	35	46	40	44	46	41
Montenegro	39	43	29	17	4	2	28	19	13	11
Norway	290	346	363	423	420	459	483	534	583	604
Serbia	358	373	330	267	168	161	300	189	226	280
Switzerland	628	627	712	632	620	681	757	722	751	795
Turkey	106	95	102	168	145	156	172	180	152	173
Other Europe	54	44	114	69	52	61	60	132	70	111
Other Europe	1 872	1 898	1 889	1 784	1 582	1 715	2 068	1 998	1 988	2 166
Belarus	28	19	10	13	11	12	9	11	12	13
Georgia	402	199	52	23	15	4	13	52	42	13
Kazakhstan	866	781	726	14	7	194	11	99	1 021	441
Kyrgyzstan	54	17	2	1	0	0	3	8	17	2
Moldova	89	28	127	4	1	1	4	1	1	19
Russia	4 042	4 349	3 714	5 765	5 910	5 524	5 247	5 542	3 721	4 727
Ukraine	802	367	255	928	1 208	273	487	328	42	36
Other CIS	4	4	2	2	2	27	14	12	27	9
C.I.S.	6 286	5 763	4 888	6 751	7 155	6 035	5 787	6 052	4 883	5 260

Exports of Scrap

Table 53
(continued)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Canada	4 846	4 248	4 521	4 510	3 415	3 632	4 409	5 107	4 352	4 512
Costa Rica	144	131	143	147	120	83	103	114	79	182
Dominican Republic	225	198	176	229	124	120	161	195	197	155
El Salvador	64	42	31	31	20	11	19	13	15	12
Guatemala	30	22	30	33	10	18	22	24	15	6
Haiti	43	50	24	37	27	26	32	54	34	46
Honduras	76	60	60	65	59	51	72	53	68	32
Jamaica	90	5	19	40	17	21	30	41	41	36
Mexico	1 053	858	779	701	459	416	626	787	842	718
Nicaragua	77	63	54	53	46	39	40	54	54	42
Panama	169	134	67	153	119	215	268	213	148	94
Trinidad and Tobago	49	58	62	82	52	48	53	100	91	80
United States	24 373	21 397	18 495	15 340	12 976	12 819	15 016	17 332	17 685	16 874
Other North America	106	137	125	89	40	28	57	64	71	58
North America	31 344	27 403	24 585	21 511	17 482	17 527	20 908	24 151	23 694	22 846
Bolivia	46	44	40	52	49	30	41	51	75	46
Brazil	259	444	453	648	679	611	589	356	699	732
Chile	267	221	204	337	253	221	262	351	351	354
Colombia	107	63	76	64	34	27	56	88	52	31
Ecuador	3	3	3	4	3	4	3	5	7	3
Paraguay	53	58	54	57	77	51	82	99	66	39
Other South America	56	78	76	27	30	16	15	20	1 169	39
South America	791	912	907	1 189	1 125	960	1 049	970	2 419	1 244
Algeria	1	0	...	0	0	0	...	0	22	0
Egypt	32	46	30	23	13	69	13	25	302	39
Ghana	74	57	23	32	12	10	10	21	18	9
Morocco	31	35	72	64	47	48	20	18	17	10
South Africa	1 436	1 632	1 485	1 486	1 266	644	467	460	525	314
Zimbabwe	28	8	8	37	21	8	4	8	24	26
Other Africa	1 024	821	689	626	630	527	857	839	957	757
Africa	2 626	2 598	2 307	2 269	1 989	1 307	1 372	1 371	1 865	1 155
Bahrain	112	106	96	107	61	66	162	185	155	159
Iran	12	21	2	0	0	2	1	0	208	58
Israel	378	338	209	265	141	201	285	314	333	479
Kuwait	221	221	123	130	55	36	67	136	220	255
Lebanon	553	365	408	265	173	248	383	372	149	201
United Arab Emirates	1 271	1 004	920	1 162	964	901	786	1 209	1 913	1 555
Other Middle East	146	139	111	92	70	45	345	282	416	321
Middle East	2 693	2 195	1 869	2 022	1 464	1 498	2 029	2 498	3 395	3 026
China	25	1	0	1	1	1	2 230	337	3	0
Hong Kong	806	729	622	635	508	...	1 380	1 295	583	520
Indonesia	40	41	42	42	52	59	70	67	49	50
Japan	5 453	8 594	8 150	7 351	7 847	8 706	8 208	7 402	7 657	9 387
South Korea	397	236	205	298	418	559	621	410	226	254
Malaysia	70	80	53	52	47	151	273	435	400	455
Philippines	543	253	170	403	188	512	486	487	415	243
Singapore	606	852	978	911	844	1 048	790	775	759	506
Taiwan, China	104	96	74	67	62	77	104	94	92	90
Thailand	567	481	437	384	397	431	388	408	364	278
Other Asia	454	347	277	308	219	254	420	658	526	461
Asia	9 066	11 709	11 007	10 453	10 583	11 798	14 971	12 367	11 074	12 244
Australia	1 745	2 245	2 200	2 362	1 898	1 583	1 979	1 968	2 231	2 090
New Zealand	358	363	352	367	413	609	572	626	582	353
Other Oceania	98	94	68	57	30	22	69	44	49	32
Oceania	2 202	2 701	2 619	2 785	2 341	2 213	2 621	2 638	2 863	2 474
World	105 657	102 586	94 313	94 342	83 855	87 238	98 620	102 071	101 755	99 364

Table 54

Imports of Scrap

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Austria	998	1 060	1 141	1 188	1 098	1 018	1 040	1 077	1 153	1 155
Belgium	4 633	4 054	4 213	4 760	4 167	4 084	4 643	4 489	4 494	4 593
Bulgaria	230	114	93	115	105	92	101	166	239	186
Czechia	463	456	546	565	493	475	442	446	443	440
Denmark	342	229	236	253	113	101	135	189	225	348
Estonia	10	7	20	36	55	84	126	164	170	121
Germany	6 180	5 484	5 340	5 045	4 236	4 348	4 463	4 018	3 990	3 786
Finland	700	203	49	81	65	10	15	17	17	13
France	2 658	2 705	2 363	2 473	2 247	1 806	1 909	1 832	1 525	1 503
Greece	935	498	301	455	438	764	889	934	851	763
Hungary	44	47	47	70	97	90	94	82	80	80
Italy	5 747	5 264	4 957	5 145	4 643	4 434	5 209	5 616	5 355	5 197
Latvia	365	883	318	201	124	110	140	141	110	188
Lithuania	72	56	30	35	24	30	84	205	228	383
Luxembourg	2 449	1 682	805	1 403	903	2 258	2 197	2 089	2 299	1 855
Netherlands	1 612	1 872	1 742	1 885	1 641	1 940	2 238	2 849	3 204	3 587
Poland	403	385	507	481	745	779	806	855	770	720
Portugal	460	587	1 279	1 352	1 490	1 396	1 616	1 755	1 420	1 593
Slovakia	149	339	380	234	165	162	253	368	113	269
Slovenia	558	550	538	576	514	531	571	578	545	514
Spain	4 597	4 289	4 705	4 827	5 030	3 965	4 101	3 816	4 011	3 302
Sweden	238	236	256	295	261	275	293	284	202	210
United Kingdom	425	286	303	351	302	266	345	400	296	400
Other E.U.	65	74	80	113	112	143	198	304	221	334
European Union (28)	34 333	31 359	30 252	31 941	29 068	29 163	31 908	32 673	31 961	31 541
o/w: extra-E.U.(28)	7 734	6 448	6 574	6 760	6 021	2 726	3 153	2 891	2 994	3 038
Albania	160	99	39	105	49	2	81	110	86	99
Macedonia	287	135	47	129	71	81	168	114	167	158
Montenegro	34	8	7	2	13	4	6	0	...	1
Norway	139	211	203	156	184	266	278	325	340	338
Serbia	35	90	169	148	105	24	18	4	4	4
Switzerland	456	344	417	426	474	459	521	490	385	477
Turkey	21 453	22 415	19 725	19 068	16 251	17 716	20 980	20 660	18 811	22 468
Other Europe	19	1	4	9	2	10	7	3	4	9
Other Europe	22 583	23 303	20 612	20 043	17 149	18 563	22 059	21 706	19 798	23 552
Belarus	1 561	1 356	1 239	1 253	1 382	1 235	1 353	1 497	1 280	1 181
Moldova	121	27	73	101	256	5	309	301	185	256
Russia	0	4	5	264	235	444	755	646	1 040	442
Ukraine	127	116	239	28	3	22	25	43	50	26
Uzbekistan	249	250	297	0	0	153	5	52	119	29
Other CIS	868	871	734	18	1	14	10	35	8	16
C.I.S.	2 924	2 624	2 587	1 665	1 876	1 874	2 458	2 574	2 682	1 950
Canada	1 925	2 343	1 746	1 520	1 516	1 839	2 115	3 471	2 135	1 031
Mexico	733	946	864	915	1 483	1 893	1 782	1 913	1 472	2 126
United States	4 003	3 711	3 882	4 215	3 513	3 864	4 636	5 030	4 268	4 512
Other North America	116	69	25	12	19	12	61	124	70	36
North America	6 777	7 070	6 517	6 661	6 530	7 607	8 594	10 538	7 946	7 705
Brazil	79	51	55	23	25	33	20	267	174	91
Peru	192	265	340	372	430	415	500	491	517	221
Other South America	105	137	182	219	187	209	309	205	250	224
South America	375	452	577	614	643	657	828	963	941	537

Table 54
(continued)

Imports of Scrap

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Egypt	2 644	2 021	2 891	2 971	928	1 028	115	5	1 654	33
Morocco	448	474	292	360	563	312	350	439	467	431
South Africa	32	11	28	101	74	66	67	100	125	97
Other Africa	18	18	40	19	23	10	25	65	126	129
Africa	3 141	2 524	3 251	3 451	1 587	1 416	557	610	2 372	690
Iran	6	5	24	2	1	15	13	36	8	5
United Arab Emirates	90	45	41	184	62	52	125	155	149	133
Other Middle East	133	183	76	975	584	656	956	785	873	873
Middle East	228	232	140	1 161	647	723	1 094	976	1 030	1 010
Bangladesh	325	205	279	459	946	2 011	2 142	2 372	3 718	3 760
China	6 767	4 974	4 465	2 564	2 328	2 162	2 326	1 343	184	27
Hong Kong	269	155	151	108	135	87	309	304	166	61
India	6 175	8 156	5 632	5 699	6 710	6 380	5 365	6 330	7 053	5 383
Indonesia	2 157	1 944	2 399	2 137	1 020	1 020	1 857	2 510	2 614	1 420
Japan	580	225	234	370	149	176	232	216	107	48
South Korea	8 628	10 126	9 260	8 002	5 758	5 845	6 175	6 393	6 502	4 399
Malaysia	2 050	1 816	1 921	961	446	316	844	980	1 532	1 396
Pakistan	955	922	874	1 340	2 119	2 388	2 830	2 469	4 019	4 532
Singapore	299	295	130	114	46	52	225	138	91	116
Taiwan, China	5 328	4 954	4 446	4 272	3 373	3 155	2 919	3 629	3 523	3 616
Thailand	1 877	1 701	961	1 383	945	953	1 741	1 724	1 033	1 401
Vietnam	1 451	2 169	2 131	2 277	2 466	3 286	4 550	4 706	4 853	5 427
Other Asia	54	179	80	39	73	58	68	58	365	86
Asia	36 917	37 821	32 963	29 724	26 514	27 888	31 581	33 171	35 761	31 672
Australia	3	5	2	23	22	81	52	55	95	116
New Zealand	18	16	14	15	9	7	8	8	7	14
Other Oceania	36	1	32	0	0	0	49	1	3	1
Oceania	57	22	48	37	31	88	108	64	105	130
World	107 335	105 407	96 947	95 299	84 046	87 978	99 188	103 276	102 594	98 788

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
United Kingdom	5 647	6 207	5 997	5 998	5 848	5 815	5 983	6 059	6 259	5 972
European Union (28)	102 389	116 836	116 195	118 596	120 748	120 859	123 799	130 317	135 213	130 430
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
Turkey	4 729	5 181	5 471	5 831	6 238	6 328	6 468	7 292	7 769	8 647
Other Europe	7 268	7 843	7 633	8 142	8 683	8 728	9 119	10 076	10 012	10 881
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
C.I.S.	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
Vietnam	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
United Kingdom	9 453	9 955	9 687	10 484	11 369	11 853	12 167	11 990	12 253	11 928
European Union (28)	97 103	106 905	99 570	102 862	107 392	110 093	114 528	120 849	127 638	127 971
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
Turkey	3 483	4 158	4 132	4 310	3 912	4 476	4 514	4 681	3 782	3 228
Other Europe	8 728	9 299	9 254	9 837	9 029	10 035	10 129	10 161	8 845	8 243
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
C.I.S.	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
Vietnam	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
United Kingdom	-3 806	-3 748	-3 690	-4 486	-5 521	-6 038	-6 184	-5 931	-5 994	-5 956
European Union (28)	5 286	9 930	16 624	15 734	13 356	10 766	9 271	9 469	7 575	2 459
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
Turkey	1 247	1 023	1 339	1 521	2 326	1 852	1 954	2 611	3 986	5 418
Other Europe	-1 459	-1 457	-1 621	-1 695	- 346	-1 307	-1 010	- 85	1 167	2 638
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
C.I.S.	-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
Vietnam	- 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	5 208	4 398
Denmark	1 346	1 552	1 618	1 974	2 195	2 369	2 390	2 502	3 110	1 864
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	5 707	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	1 844	2 017
Slovenia	567	589	543	527	483	707	655	969	1 081	931
Spain	11 929	10 334	7 383	9 001	9 298	10 809	10 284	11 012	11 568	12 292
Sweden	3 935	4 314	3 869	4 037	3 925	3 928	4 431	4 817	5 058	4 635
United Kingdom	13 658	13 933	13 369	14 078	16 200	16 532	17 067	16 933	16 816	16 206
European Union (28)	142 530	147 612	123 509	126 729	135 866	143 382	149 398	153 777	160 629	155 871
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
Turkey	22 320	25 908	27 129	29 780	28 447	32 529	32 123	33 508	26 672	20 660
Other Europe	28 896	32 803	34 370	37 217	35 961	40 150	39 887	41 367	34 931	28 762
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	5 643	6 157
C.I.S.	53 148	62 322	65 272	65 689	61 358	52 008	52 718	57 652	58 365	62 033
Canada	19 965	20 743	22 590	22 487	22 197	18 649	18 617	19 126	19 341	18 209
Mexico	16 573	17 504	19 101	17 614	19 946	20 219	20 093	23 138	21 550	15 603
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	164 414	167 958	159 561
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	200
South America	48 676	52 229	53 653	55 391	51 591	47 009	39 928	41 889	42 475	41 480

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		1 801	2 203	2 410	2 541	1 326	853	654	582	506
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		793	1 204	1 452	1 686	1 964	1 735	1 082	1 151	1 191
Ghana	959	1 495	1 616	1 419	1 560	1 789	1 791	1 722	1 729	1 952
Kenya	1 000	1 582	1 386	1 661	1 912	2 423	2 099	1 997	2 005	3 449
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	3 293	3 924	3 675	2 603	2 025	1 547	2 297	3 146
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	860	1 166	1 201	1 148	1 012	922	1 170	1 423
Africa	30 933	33 774	36 928	39 610	41 019	40 205	38 545	35 815	36 823	39 370
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	8 800
Middle East	42 675	47 305	45 396	47 694	50 080	49 298	45 947	46 466	43 064	41 809
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	11 357
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	17 117	17 102
Vietnam	11 245	10 392	11 299	12 320	15 211	19 407	23 339	22 692	23 029	25 245
Asia and Oceania	758 947	814 624	846 836	941 061	921 957	880 348	904 098	996 509	1 066 480	1 130 058
Total 74 countries	1 233 561	1 330 520	1 360 140	1 466 965	1 463 666	1 410 156	1 424 618	1 537 890	1 610 725	1 658 944

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	427	479	442	427	417	461	467	491	505	488
Belgium-Luxembourg	414	477	284	312	321	344	343	350	425	328
Bulgaria	118	148	141	160	217	199	215	170	200	247
Croatia	183	167	155	173	166	174	207	210	215	270
Cyprus	458	330	216	164	145	182	209	938	1 021	847
Czechia	316	340	299	286	328	373	385	397	488	411
Denmark	242	278	288	350	387	416	418	437	541	323
Estonia	146	256	270	290	255	229	354	383	413	397
Finland	264	253	395	296	335	345	381	408	417	359
France	276	302	258	264	262	266	285	294	293	302
Germany	370	405	353	348	361	352	377	366	342	334
Greece	226	160	112	127	148	124	179	165	174	180
Hungary	138	143	111	123	151	177	198	215	236	240
Ireland	209	171	168	177	204	245	259	266	278	318
Italy	381	375	257	256	260	310	305	321	333	333
Latvia	176	307	151	136	179	161	193	153	245	183
Lithuania	98	152	143	171	247	242	294	282	316	327
Malta	240	197	162	159	275	261	325	419	253	382
Netherlands	242	235	203	168	203	246	265	282	335	333
Poland	221	241	209	209	263	267	277	282	322	283
Portugal	246	185	133	171	163	198	205	223	265	263
Romania	159	182	162	153	181	196	197	206	240	245
Slovakia	349	319	309	402	449	392	317	326	338	370
Slovenia	278	287	264	256	234	341	316	467	520	448
Spain	254	219	157	192	199	232	221	236	248	263
Sweden	419	456	405	420	405	402	450	486	507	462
United Kingdom	215	218	207	217	248	251	257	254	250	240
European Union (28)	283	293	244	250	268	282	293	301	314	304
Norway	516	457	535	575	567	553	505	501	499	478
Serbia and Montenegro	78	107	94	81	89	114	133	157	190	196
Switzerland	423	456	457	461	457	441	460	440	447	429
Turkey	309	353	363	392	368	414	402	413	324	248
Other Europe	305	342	353	377	359	395	387	397	331	269
Belarus	242	221	246	260	193	149	138	178	191	214
Kazakhstan	194	217	276	310	265	195	185	214	209	220
Russia	298	352	364	362	350	302	299	322	323	341
Ukraine	108	134	131	126	96	75	104	118	128	140
C.I.S.	247	290	303	304	283	240	243	265	268	285
Canada	585	601	647	637	622	518	512	521	522	487
Mexico	145	151	163	148	166	166	163	185	171	122
United States	295	326	358	359	388	371	357	376	388	382
North America	279	303	331	326	349	330	319	338	343	323
Argentina	133	157	139	144	136	145	123	148	141	108
Brazil	143	142	143	151	138	111	93	93	101	101
Chile	220	253	267	249	219	226	217	223	225	229
Colombia	81	99	104	99	110	107	96	91	87	91
Ecuador	112	147	128	157	138	131	114	130	136	123
Peru	112	115	128	129	129	147	127	147	123	125
Venezuela	98	108	141	121	90	78	34	23	8	7
South America	131	139	142	145	134	121	102	106	106	103

Table 59
(continued)

True Steel Use per Capita
(kg finished steel equivalent)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Algeria	129	144	171	198	215	203	185	179	158	156
Angola		74	88	93	94	48	30	22	19	16
Cameroon	16	18	20	19	22	15	19	17	17	16
Egypt	132	104	119	114	125	129	133	114	123	118
Ethiopia		9	13	15	17	19	17	10	11	11
Ghana	39	59	62	53	57	64	63	59	58	64
Kenya	24	37	31	36	41	51	43	40	39	66
Morocco	72	107	101	103	92	93	105	105	101	104
Nigeria	16	21	20	23	21	14	11	8	12	16
South Africa	104	114	111	113	95	97	85	92	87	83
Tanzania	17	20	18	24	24	22	19	17	21	25
Africa	51	55	58	61	62	59	55	50	50	52
Iran	291	308	273	278	282	273	261	273	258	233
Saudi Arabia	472	538	555	612	616	596	488	443	376	400
United Arab Emirates	969	1 022	937	877	994	965	998	1 026	966	901
Middle East	389	423	399	412	426	413	379	377	344	329
Australia	475	465	517	471	478	469	440	425	420	417
China	393	424	436	493	468	435	439	497	533	576
India	53	55	57	58	58	61	64	67	74	75
Indonesia	48	58	65	63	62	54	59	69	71	69
Japan	334	341	343	375	407	378	367	394	405	389
Malaysia	327	302	329	376	355	348	357	342	343	306
New Zealand	257	262	284	313	363	352	349	358	368	351
Philippines	50	60	68	77	73	87	108	104	117	105
Singapore	583	863	975	876	760	805	594	521	532	522
South Korea	682	714	702	707	777	781	816	816	807	790
Taiwan, China	629	632	617	651	688	599	641	602	610	619
Thailand	192	197	228	244	255	240	271	245	247	246
Vietnam	128	117	126	136	166	209	249	240	241	262
Asia and Oceania	226	241	248	273	265	251	256	280	297	313
Total 74 countries	216	231	233	249	246	235	235	251	261	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:

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

Other sources used include:

Arab Iron and Steel Union (AISU)
International Metallurgists Union
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)

ArcelorMittal: Algeria, Bosnia-Herzegovina, Canada, Luxembourg, Morocco, Trinidad and Tobago
EZZ Steel: Middle East and North Africa (MENA)

Country:	Source:
Argentina	Acero Argentino (Cámara Argentina del Acero)
Australia	BlueScope, Liberty (formerly Arrium, formerly OneSteel)
Austria	voestalpine AG
Belgium	Groupement de la Sidérurgie ASBL/Staalindustrie Verbond VZW (GSV)
Brazil	Instituto Aço Brasil (Brazil Steel Institute)
Bulgaria	Bulgarian Association of the Metallurgical Industry
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 - formerly The Steel Federation - Hutnictví železa, a.s. - HZ)
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
Italy	Federacciai
Japan	The Japan Iron and Steel Federation (JISF)
South Korea	Korea Iron and Steel Association (KOSA), POSCO Research Institute (POSRI)
Libya	Libya Iron and Steel Company (LISCO)
Netherlands	Tata Steel Europe
Macedonia	Duferco
Mexico	CANACERO
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 (Q.P.S.C.)
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)
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)
Spain	Unión de Empresas Siderúrgicas (UNESID)
Sweden	Jernkontoret
Taiwan, China	China Steel Corporation (CSC)
Thailand	Iron and Steel Institute of Thailand (ISIT)
Turkey	Turkish Steel Producers' Association (TISPA)
Ukraine	Association of Enterprises UKRMETALURGPROM
United Arab Emirates	Emirates Steel Industries Company PJC
United Kingdom	ISSB Ltd. – formerly Iron and Steel Statistics Bureau (UK)
United States	American Iron and Steel Institute (AISI)
Vietnam	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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