

STEEL STATISTICAL YEARBOOK 2017



Preface

This yearbook presents a cross-section of steel industry statistics that are exchanged or published by the World Steel Association. The co-operation of both members and non-members in supplying the information included in this publication is gratefully acknowledged. Further details of the statistical sources used are given in the Annex (p. 121). These contents were finalised in November 2017.

Data are expressed in thousand metric tons unless stated otherwise.

Zero indicates that the quantity concerned is less than 500 tonnes.

'e' indicates a figure that has been estimated by the World Steel Association.

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.

World Steel Association

Economics Committee

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Table 1

Total Production of Crude Steel *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	7 578	7 594	5 662	7 206	7 474	7 421	7 953	7 876	7 687	7 438
Belgium	10 692	10 673	5 635	7 973	8 026	7 301	7 093	7 331	7 257	7 687
Bulgaria	1 909	1 330	726	737	835	633	523	612	543	527
Croatia	75	89	43	95	96	1	135	167	122	0
Czech Republic	7 059	6 387	4 594	5 180	5 583	5 072	5 171	5 360	5 262	5 305
Germany	48 550	45 833	32 670	43 830	44 284	42 661	42 645	42 943	42 676	42 080
Finland	4 431	4 417	3 066	4 029	3 989	3 759	3 517	3 807	3 988	4 101
France	19 250	17 879	12 840	15 414	15 780	15 609	15 685	16 143	14 984	14 413
Greece	2 554	2 477	2 000	1 821	1 934	1 247	1 030	1 022	910	1 158
Hungary	2 227	2 097	1 403	1 678	1 746	1 542	883	1 152	1 675	1 274
Italy	31 553	30 590	19 848	25 750	28 735	27 252	24 093	23 714	22 018	23 373
Latvia	696	635	692	655	568	805	198			
Luxembourg	2 858	2 582	2 141	2 548	2 521	2 208	2 090	2 193	2 127	2 175
Netherlands	7 368	6 853	5 194	6 651	6 937	6 879	6 713	6 964	6 995	6 917
Poland	10 632	9 728	7 128	7 993	8 779	8 366	7 950	8 558	9 198	9 001
Portugal	1 853	2 017	1 614	1 543	1 942	1 960	2 050	2 070	2 030	2 010
Romania	6 261	5 035	2 761	3 721	3 828	3 292	2 985	3 158	3 352	3 276
Slovak Republic	5 089	4 489	3 747	4 583	4 236	4 403	4 511	4 705	4 562	4 808
Slovenia	638	642	430	606	648	632	618	615	604	613
Spain	18 999	18 640	14 358	16 343	15 504	13 639	14 252	14 249	14 845	13 616
Sweden	5 673	5 198	2 804	4 846	4 867	4 326	4 404	4 539	4 374	4 617
United Kingdom	14 317	13 521	10 079	9 709	9 478	9 579	11 858	12 120	10 907	7 635
European Union (28)	210 260	198 705	139 436	172 911	177 791	168 589	166 356	169 301	166 115	162 024
Albania (e)	263	250	221	390	464	500	550	560	150	100 e
Bosnia-Herzegovina	533	608	519	592	649	700	722	793	819	806
Macedonia	359	253	270	292	386	217	100	188	121	169
Montenegro (e)	174	170	130	130	140	120	70	140	150	120 e
Norway	708	560	595	530	610	700	605	600	590	620
Serbia	1 478	1 662	1 061	1 254	1 324	346	396	583	955	1 173
Switzerland	1 264	1 312	934	1 320	1 400	1 450	1 530	1 475	1 475	1 500 e
Turkey	25 754	26 806	25 304	29 143	34 107	35 885	34 654	34 035	31 517	33 163
Other Europe	30 533	31 621	29 034	33 650	39 079	39 917	38 627	38 374	35 778	37 651
Azerbaijan (e)	150	150	120	120	120	120	173	180	180	180 e
Byelorussia	2 410	2 589	2 417	2 530	2 614	2 687	2 245	2 513	2 510	2 188
Kazakhstan	4 782	4 250	4 146	4 220	4 699	3 676	3 275	3 681	3 910	4 289
Moldova	965	885	426	240	313	335	190	351	443	126
Russia	72 387	68 510	60 011	66 942	68 852	70 209	69 008	71 461	70 898	70 453
Ukraine	42 830	37 279	29 855	33 432	35 332	32 975	32 771	27 170	22 968	24 218
Uzbekistan	645	682	716	716	733	736	746	723	643	654
C.I.S.	124 169	114 345	97 691	108 200	112 663	110 739	108 408	106 079	101 552	102 108
Canada	15 572	14 945	9 292	13 009	12 891	13 507	12 417	12 730	12 473	12 646
Cuba	268	279	267	278	282	277	322	256	284	244
El Salvador	73	71	56	64	97	72	118	121	124	100
Guatemala	349	250	224	274	294	334	385	395	403	314
Mexico	17 573	17 209	14 132	16 870	18 110	18 073	18 242	18 930	18 218	18 824
Trinidad and Tobago	682	489	417	572	603	628	616	487	591	36
United States	98 101	91 895	59 384	80 495	86 398	88 695	86 878	88 174	78 845	78 475
North America	132 618	125 138	83 772	111 562	118 675	121 586	118 978	121 093	110 938	110 638

Table 1
(continued)

Total Production of Crude Steel *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	5 387	5 541	4 013	5 138	5 611	4 995	5 186	5 488	5 028	4 126
Brazil	33 782	33 716	26 506	32 948	35 220	34 524	34 163	33 897	33 256	31 275
Chile	1 678	1 549	1 308	1 011	1 615	1 671	1 323	1 079	1 112	1 153
Colombia	1 245	1 053	1 052	1 208	1 287	1 302	1 236	1 208	1 211	1 272
Ecuador	87	128	259	372	463	425	570	667	720	576
Paraguay	95	83	54	59	30	44	45	47	48	35
Peru	881	1 110	718	880	877	981	1 069	1 078	1 082	1 168
Uruguay	71	86	57	65	81	78	91	94	97	61
Venezuela	5 005	4 224	3 808	2 207	2 980	2 359	2 139	1 485	1 345	553
South America	48 232	47 490	37 776	43 888	48 165	46 379	45 822	45 043	43 899	40 220
Algeria	1 278	619	597	662	551	557	417	415	650	650
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 224	6 198	5 541	6 676	6 485	6 627	6 754	6 485	5 506	5 036
Ghana (e)	25	25	25	25	25	25	25	25	25	25 e
Kenya (e)	20	20	20	20	20	20	20	20	20	20 e
Libya	1 250	1 137	914	825	100	315	712	712	352	492
Mauritania (e)	5	5	5	5	5	5	5	5	5	5 e
Morocco	512	478	499	485	654	539	558	501	516	520
Nigeria (e)	100	100	100	100	100	100	100	100	100	100 e
South Africa	9 098	8 246	7 484	7 617	7 546	6 938	7 162	6 412	6 417	6 141
Tunisia	80	82	155	150	150	150	150	150	50	50 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Zimbabwe	23									
Africa	18 675	16 970	15 400	16 624	15 696	15 337	15 963	14 885	13 701	13 099
Iran	10 051	9 964	10 908	11 995	13 197	14 463	15 422	16 331	16 146	17 895
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	150	150	150	150	150	150	150	150	150	150 e
Oman (e)					200	300	500	1 500	2 000	2 000 e
Qatar	1 147	1 406	1 448	1 970	2 038	2 145	2 236	3 019	2 593	2 521
Saudi Arabia	4 644	4 667	4 690	5 015	5 275	5 203	5 471	6 291	5 229	5 461
Syria (e)	70	70	70	70	70	10	10	5	5	5 e
United Arab Emirates	90	90	200	500	2 000	2 408	2 878	2 390	3 006	3 149
Middle East	16 452	16 646	17 766	20 000	23 230	24 979	26 967	29 986	29 429	31 480
Bangladesh (e)		50	70	78	85	87	84	90	100	100 e
China (1)	489 712	512 339	577 070	638 743	701 968	731 040	822 000	822 306	803 825	807 609
India	53 468	57 791	63 527	68 976	73 471	77 264	81 299	87 292	89 026	95 477
Indonesia	4 160	3 915	3 501	3 664	3 621	2 254	2 644	4 428	4 854	4 746
Japan	120 203	118 739	87 534	109 599	107 601	107 232	110 595	110 666	105 134	104 775
D.P.R. Korea (e)	1 400	1 300	1 300	1 300	1 300	1 280	1 250	1 250	1 250	1 250 e
South Korea	51 517	53 625	48 572	58 914	68 519	69 073	66 061	71 543	69 670	68 576
Malaysia	6 895	6 423	5 354	5 694	5 941	5 612	4 693	4 316	3 784	2 764
Mongolia (e)	35	35	35	35	35	35	40	45	45	50 e
Myanmar (e)	25	25	25	25	25	25	30	35	35	35 e
Pakistan (e)	1 090	1 000	1 200	1 400	1 592	1 631	1 845	2 423	2 892	3 553
Philippines	718	711	824	1 050	1 200	1 260	1 308	1 196	968	1 075
Singapore	640	764	664	728	752	688	434	540	501	520
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	20 903	19 882	15 814	19 755	20 178	20 664	22 282	23 121	21 392	21 751
Thailand	5 565	5 211	3 646	4 145	4 238	3 328	3 579	4 095	3 718	3 825
Viet Nam	2 024	2 250	2 700	4 314	4 900	5 298	5 474	5 847	5 647	7 811
Asia	758 385	784 090	811 866	918 449	995 457	1 026 801	1 123 646	1 139 222	1 112 873	1 123 948
Australia	7 939	7 625	5 249	7 296	6 404	4 893	4 688	4 607	4 925	5 259
New Zealand	845	799	765	853	844	912	900	859	793	577
Oceania	8 783	8 424	6 014	8 149	7 248	5 805	5 588	5 466	5 717	5 837
World	1 348 108	1 343 429	1 238 755	1 433 433	1 538 003	1 560 131	1 650 354	1 669 450	1 620 001	1 627 004

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

(1) - 2013-16 figures are not necessarily comparable with earlier data.

	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
Austria	246	7 429	11	7 687	3.2	96.6	0.1	100.0
Belgium		7 257		7 257		100.0		100.0
Bulgaria		543		543		100.0		100.0
Croatia		122	0	122		100.0	0.0	100.0
Czech Republic	403	4 800	58	5 262	7.7	91.2	1.1	100.0
Germany	1 273	41 397	6	42 676	3.0	97.0	0.0	100.0
Finland		3 971	17	3 988		99.6	0.4	100.0
France	548	14 436		14 984	3.7	96.3		100.0
Greece		910		910		100.0		100.0
Hungary		1 675		1 675		100.0		100.0
Italy	1 118	20 755	145	22 018	5.1	94.3	0.7	100.0
Luxembourg		2 127		2 127		100.0		100.0
Netherlands	107	6 888		6 995	1.5	98.5		100.0
Poland	160	9 038		9 198	1.7	98.3		100.0
Portugal (e)		2 015	15	2 030		99.3	0.7	100.0
Romania (e)	70	3 280		3 350	2.1	97.9		100.0
Slovak Republic		4 551	11	4 562		99.8	0.2	100.0
Slovenia	120	484		604	19.9	80.1		100.0
Spain	266	14 578		14 845	1.8	98.2		100.0
Sweden	499	3 849	26	4 374	11.4	88.0	0.6	100.0
United Kingdom	143	10 756	9	10 907	1.3	98.6	0.1	100.0
European Union (28)	4 954	160 861	298	166 113	3.0	96.8	0.2	100.0
Albania (e)		150		150		100.0		100.0
Bosnia-Herzegovina		819		819		100.0		100.0
Macedonia		121		121		100.0		100.0
Montenegro (e)		150		150		100.0		100.0
Norway		578	12	590		98.0	2.0	100.0
Serbia		955		955		100.0		100.0
Switzerland (e)		1 475		1 475		100.0		100.0
Turkey		31 517		31 517		100.0		100.0
Other Europe		35 766	12	35 778		100.0	0.0	100.0
Azerbaijan (e)		180		180		100.0		100.0
Byelorussia		2 510		2 510		100.0		100.0
Kazakhstan		3 905	5	3 910		99.9	0.1	100.0
Moldova		443		443		100.0		100.0
Russia	11 500	58 000	1 400	70 900	16.2	81.8	2.0	100.0
Ukraine	11 762	11 237		22 999	51.1	48.9		100.0
Uzbekistan		643		643		100.0		100.0
C.I.S.	23 262	76 918	1 405	101 585	22.9	75.7	1.4	100.0
Canada	294	12 179		12 473	2.4	97.6		100.0
Cuba		284		284		100.0		100.0
El Salvador		124		124		100.0		100.0
Guatemala		403		403		100.0		100.0
Mexico	22	18 203		18 225	0.1	99.9		100.0
Trinidad and Tobago		591		591		100.0		100.0
United States	775	78 070		78 845	1.0	99.0		100.0
North America	1 091	109 854		110 945	1.0	99.0		100.0

I - ingots.

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

LSC - liquid steel for castings.

Table 2 (continued)	Crude Steel Production by Product *				Year:			2015
	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
Argentina		5 014	14	5 028		99.7	0.3	100.0
Brazil	317	32 910	29	33 256	1.0	99.0	0.1	100.0
Chile		1 112		1 112		100.0		100.0
Colombia		1 211		1 211		100.0		100.0
Ecuador		720		720		100.0		100.0
Paraguay		48		48		100.0		100.0
Peru		1 082		1 082		100.0		100.0
Uruguay		97		97		100.0		100.0
Venezuela		1 345		1 345		100.0		100.0
South America	317	43 538	43	43 899	0.7	99.2	0.1	100.0
Algeria		650		650		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt		5 506		5 506		100.0		100.0
Ghana (e)		25		25		100.0		100.0
Kenya (e)		20		20		100.0		100.0
Libya		352		352		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco		516		516		100.0		100.0
Nigeria (e)		100		100		100.0		100.0
South Africa	37	6 380		6 417	0.6	99.4		100.0
Tunisia		50		50		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Africa	37	13 659	5	13 701	0.3	99.7	0.0	100.0
Iran		16 146		16 146		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		150		150		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		2 593		2 593		100.0		100.0
Saudi Arabia		5 229		5 229		100.0		100.0
United Arab Emirates		3 006		3 006		100.0		100.0
Middle East		29 424		29 424		100.0		100.0
Bangladesh (e)		100		100		100.0		100.0
China	9 900	792 800	1 200	803 900	1.2	98.6	0.1	100.0
India (e)	14 000	75 000	25	89 025	15.7	84.2	0.0	100.0
Indonesia		4 854		4 854		100.0		100.0
Japan (e)	1 240	103 575	320	105 135	1.2	98.5	0.3	100.0
South Korea	748	68 672	250	69 670	1.1	98.6	0.4	100.0
Malaysia		3 784		3 784		100.0		100.0
Mongolia (e)		45		45		100.0		100.0
Myanmar (e)		35		35		100.0		100.0
Philippines		968		968		100.0		100.0
Singapore		501		501		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China	89	21 303		21 392	0.4	99.6		100.0
Thailand		3 718		3 718		100.0		100.0
Viet Nam		5 647		5 647		100.0		100.0
Asia	25 977	1 081 032	1 795	1 108 805	2.3	97.5	0.2	100.0
Australia	25	4 900		4 925	0.5	99.5		100.0
New Zealand		793		793		100.0		100.0
Oceania	25	5 692		5 717	0.4	99.6		100.0
World **	55 664	1 556 745	3 558	1 615 967	3.4	96.3	0.2	100.0

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

** - Approximately 99.7% of total world production in 2015.

Table 2 (continued)	Crude Steel Production by Product *				Year:			2016
	I	CC	LSC	Total	I	CC	LSC	Total
	thousand tonnes				% total production			
Austria	243	7 185	9	7 438	3.3	96.6	0.1	100.0
Belgium		7 687		7 687		100.0		100.0
Bulgaria		527		527		100.0		100.0
Croatia			0	0			100.0	100.0
Czech Republic	341	4 913	52	5 305	6.4	92.6	1.0	100.0
Germany	1 972	40 102	6	42 080	4.7	95.3	0.0	100.0
Finland		4 084	17	4 101		99.6	0.4	100.0
France	443	13 969		14 413	3.1	96.9		100.0
Greece		1 158		1 158		100.0		100.0
Hungary		1 274		1 274		100.0		100.0
Italy	1 079	22 147	146	23 373	4.6	94.8	0.6	100.0
Luxembourg		2 175		2 175		100.0		100.0
Netherlands	93	6 824		6 917	1.3	98.7		100.0
Poland	150	8 850		9 000	1.7	98.3		100.0
Portugal (e)		1 998	12	2 010		99.4	0.6	100.0
Romania (e)	75	3 200		3 275	2.3	97.7		100.0
Slovak Republic		4 800	9	4 808		99.8	0.2	100.0
Slovenia	120	495		615	19.5	80.5		100.0
Spain	240	13 380		13 620	1.8	98.2		100.0
Sweden	475	4 121	21	4 617	10.3	89.3	0.5	100.0
United Kingdom	98	7 532	5	7 635	1.3	98.7	0.1	100.0
European Union (28)	5 329	156 421	277	162 028	3.3	96.5	0.2	100.0
Albania (e)		100		100		100.0		100.0
Bosnia-Herzegovina		806		806		100.0		100.0
Macedonia		169		169		100.0		100.0
Montenegro (e)		120		120		100.0		100.0
Norway		608	12	620		98.1	1.9	100.0
Serbia		1 173		1 173		100.0		100.0
Switzerland (e)		1 500		1 500		100.0		100.0
Turkey		33 163		33 163		100.0		100.0
Other Europe		37 639	12	37 651		100.0	0.0	100.0
Azerbaijan (e)		180		180		100.0		100.0
Byelorussia		2 188		2 188		100.0		100.0
Kazakhstan		4 230	5	4 235		99.9	0.1	100.0
Moldova		126		126		100.0		100.0
Russia (e)	11 400	58 000	1 400	70 800	16.1	81.9	2.0	100.0
Ukraine (e)	12 400	11 820		24 220	51.2	48.8		100.0
Uzbekistan		654		654		100.0		100.0
C.I.S.	23 800	77 198	1 405	102 403	23.2	75.4	1.4	100.0
Canada	2 755	9 891		12 646	21.8	78.2		100.0
Cuba		244		244		100.0		100.0
El Salvador		100		100		100.0		100.0
Guatemala		314		314		100.0		100.0
Mexico	25	18 799		18 824	0.1	99.9		100.0
Trinidad and Tobago		36		36		100.0		100.0
United States	463	78 012		78 475	0.6	99.4		100.0
North America	3 242	107 396		110 638	2.9	97.1		100.0

I - ingots.

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

LSC - liquid steel for castings.

Table 2 (continued)	Crude Steel Production by Product *				Year:			2016
	I	CC	LSC	Total	I	CC	LSC	Total
		thousand tonnes				% total production		
Argentina		4 112	14	4 126		99.7	0.3	100.0
Brazil	369	30 879	27	31 275	1.2	98.7	0.1	100.0
Chile		1 153		1 153		100.0		100.0
Colombia		1 272		1 272		100.0		100.0
Ecuador		576		576		100.0		100.0
Paraguay		35		35		100.0		100.0
Peru		1 168		1 168		100.0		100.0
Uruguay		61		61		100.0		100.0
Venezuela		553		553		100.0		100.0
South America	369	39 810	41	40 220	0.9	99.0	0.1	100.0
Algeria		650		650		100.0		100.0
D.R. Congo (e)		30		30		100.0		100.0
Egypt		5 036		5 036		100.0		100.0
Ghana (e)		25		25		100.0		100.0
Kenya (e)		20		20		100.0		100.0
Libya		492		492		100.0		100.0
Mauritania (e)			5	5			100.0	100.0
Morocco		520		520		100.0		100.0
Nigeria (e)		100		100		100.0		100.0
South Africa		6 141		6 141		100.0		100.0
Tunisia		50		50		100.0		100.0
Uganda (e)		30		30		100.0		100.0
Africa		13 094	5	13 099		100.0	0.0	100.0
Iran		17 895		17 895		100.0		100.0
Israel (e)		300		300		100.0		100.0
Jordan (e)		150		150		100.0		100.0
Oman (e)		2 000		2 000		100.0		100.0
Qatar		2 521		2 521		100.0		100.0
Saudi Arabia		5 461		5 461		100.0		100.0
United Arab Emirates		3 149		3 149		100.0		100.0
Middle East		31 475		31 475		100.0		100.0
Bangladesh (e)		100		100		100.0		100.0
China (e)	9 700	797 500	1 100	808 300	1.2	98.7	0.1	100.0
India (e)	13 450	82 000	20	95 470	14.1	85.9	0.0	100.0
Indonesia		4 746		4 746		100.0		100.0
Japan (e)	1 235	103 220	316	104 771	1.2	98.5	0.3	100.0
South Korea	693	67 652	231	68 576	1.0	98.7	0.3	100.0
Malaysia		2 764		2 764		100.0		100.0
Mongolia (e)		50		50		100.0		100.0
Myanmar (e)		35		35		100.0		100.0
Philippines		1 075		1 075		100.0		100.0
Singapore		520		520		100.0		100.0
Sri Lanka (e)		30		30		100.0		100.0
Taiwan, China	93	21 658		21 751	0.4	99.6		100.0
Thailand		3 825		3 825		100.0		100.0
Viet Nam		7 811		7 811		100.0		100.0
Asia	25 172	1 092 986	1 667	1 119 824	2.2	97.6	0.1	100.0
Australia	26	5 234		5 259	0.5	99.5		100.0
New Zealand		577		577		100.0		100.0
Oceania	26	5 811		5 837	0.4	99.6		100.0
World **	57 938	1 561 829	3 407	1 623 174	3.6	96.2	0.2	100.0

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

** - Approximately 99.7% of total world production in 2016.

Table 3

Production of Ingots *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	327	328	185	261	306	274	275	282	246	243
Bulgaria	345	29	13			6				
Czech Republic	643	641	311	444	476	389	395	393	403	341
Germany	1 817	1 861	1 056	1 446	1 633	1 408	1 329	1 378	1 273	1 972
France	936	919	467	631	743	615	577	621	548	443
Hungary	11	20								
Italy	1 260	1 287	808	956	1 229	1 116	1 043	1 220	1 118	1 079
Netherlands	165	148	60	128	172	141	132	125	107	93
Poland	1 304	339	206	209	208	172	167	160	160	150
Romania	86	59	85	106	137	90	85	60	70	75
Slovenia	113	111	76	108	118	110	109	122	120	120
Spain	330	299	210	355	402	394	319	308	266	240
Sweden	682	625	321	527	600	516	515	537	499	475
United Kingdom	190	210	126	148	194	179	149	162	143	98
European Union (28)	8 209	6 875	3 922	5 318	6 218	5 409	5 095	5 369	4 954	5 329
Bosnia-Herzegovina	14	11	4	18	16	7	0			
Montenegro (e)	20	20	10							
Other Europe	34	31	14	18	16	7	0			
Byelorussia	30	42	30	20	10					
Russia	18 948	17 935	10 115	11 300	11 650	11 920	11 500	11 500	11 500	11 400
Ukraine	27 579	22 364	15 452	15 330	16 200	15 120	15 661	12 421	11 762	12 400
Uzbekistan	11	12	10	5	5	6				
C.I.S.	46 568	40 353	25 607	26 655	27 865	27 046	27 161	23 921	23 262	23 800
Canada	185	143	249	151	193	376	362	249	294	2 755
Mexico	69	33	23	23	18	26	47	24	22	25
United States	3 192	3 338	1 472	2 096	1 942	1 227	1 081	1 306	775	463
North America	3 446	3 513	1 744	2 269	2 153	1 629	1 489	1 578	1 091	3 242
Argentina	71	65	47							
Brazil	2 228	1 918	732	1 089	1 132	916	711	485	317	369
Colombia	412	308	310	328	302	345	323			
Peru	85	95								
South America	2 797	2 387	1 089	1 417	1 434	1 261	1 034	485	317	369
Algeria	50	20	37	5	5	7	5			
Egypt	100	100								
South Africa	48	42	28	38	46	38	23	32	37	
Zimbabwe	23									
Africa	221	162	65	43	51	45	28	32	37	
China	10 448	9 099	7 735	10 851	10 573	10 288	12 542	10 900	9 900	9 700
India	16 000	16 500	17 100	16 960	16 550	15 240	15 000	15 000	14 000	13 450
Japan (e: 2014-16)	1 935	1 949	1 071	1 556	1 655	1 438	1 306	1 305	1 240	1 235 e
South Korea	916	1 117	947	944	1 074	909	769	868	748	693
Taiwan, China	70	78	35	66	97	87	94	104	89	93
Asia	29 369	28 743	26 888	30 376	29 949	27 962	29 710	28 177	25 977	25 172
Australia	62	65	57	52	55	61	61	26	25	26
Oceania	62	65	57	52	55	61	61	26	25	26
World	90 705	82 129	59 387	66 148	67 740	63 419	64 578	59 586	55 664	57 938

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

Table 3
(continued)

	Production of Ingots *									
	% total crude steel production									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	4.3	4.3	3.3	3.6	4.1	3.7	3.5	3.6	3.2	3.3
Bulgaria	18.1	2.2	1.8			0.9				
Czech Republic	9.1	10.0	6.8	8.6	8.5	7.7	7.6	7.3	7.7	6.4
Germany	3.7	4.1	3.2	3.3	3.7	3.3	3.1	3.2	3.0	4.7
France	4.9	5.1	3.6	4.1	4.7	3.9	3.7	3.8	3.7	3.1
Hungary	0.5	0.9								
Italy	4.0	4.2	4.1	3.7	4.3	4.1	4.3	5.1	5.1	4.6
Netherlands	2.2	2.2	1.2	1.9	2.5	2.0	2.0	1.8	1.5	1.3
Poland	12.3	3.5	2.9	2.6	2.4	2.1	2.1	1.9	1.7	1.7
Romania	1.4	1.2	3.1	2.9	3.6	2.7	2.8	1.9	2.1	2.3
Slovenia	17.7	17.2	17.6	17.8	18.2	17.4	17.7	19.8	19.9	19.6
Spain	1.7	1.6	1.5	2.2	2.6	2.9	2.2	2.2	1.8	1.8
Sweden	12.0	12.0	11.5	10.9	12.3	11.9	11.7	11.8	11.4	10.3
United Kingdom	1.3	1.6	1.2	1.5	2.0	1.9	1.3	1.3	1.3	1.3
European Union (28)	3.9	3.5	2.8	3.1	3.5	3.2	3.1	3.2	3.0	3.3
Bosnia-Herzegovina	2.6	1.9	0.8	3.0	2.5	1.0	0.0			
Montenegro (e)	11.5	11.8	7.7							
Other Europe	0.1	0.1	0.0	0.1	0.0	0.0	0.0			
Byelorussia	1.2	1.6	1.2	0.8	0.4					
Russia	26.2	26.2	16.9	16.9	16.9	17.0	16.7	16.1	16.2	16.2
Ukraine	64.4	60.0	51.8	45.9	45.9	45.9	47.8	45.7	51.2	51.2
Uzbekistan	1.7	1.8	1.4	0.7	0.7	0.8				
C.I.S.	37.5	35.3	26.2	24.6	24.7	24.4	25.1	22.5	22.9	23.3
Canada	1.2	1.0	2.7	1.2	1.5	2.8	2.9	2.0	2.4	21.8
Mexico	0.4	0.2	0.2	0.1	0.1	0.1	0.3	0.1	0.1	0.1
United States	3.3	3.6	2.5	2.6	2.2	1.4	1.2	1.5	1.0	0.6
North America	2.6	2.8	2.1	2.0	1.8	1.3	1.3	1.3	1.0	2.9
Argentina	1.3	1.2	1.2							
Brazil	6.6	5.7	2.8	3.3	3.2	2.7	2.1	1.4	1.0	1.2
Colombia	33.1	29.3	29.4	27.2	23.4	26.5	26.1			
Peru	9.6	8.6								
South America	5.8	5.0	2.9	3.2	3.0	2.7	2.3	1.1	0.7	0.9
Algeria	3.9	3.2	6.2	0.8	0.9	1.3	1.2			
Egypt	1.6	1.6								
South Africa	0.5	0.5	0.4	0.5	0.6	0.5	0.3	0.5	0.6	
Zimbabwe	100.0									
Africa	1.2	1.0	0.4	0.3	0.3	0.3	0.2	0.2	0.3	
China	2.1	1.8	1.3	1.7	1.5	1.4	1.5	1.3	1.2	1.2
India	29.9	28.6	26.9	24.6	22.5	19.7	18.5	17.2	15.7	14.1
Japan (e: 2014-16)	1.6	1.6	1.2	1.4	1.5	1.3	1.2	1.2	1.2	1.2 e
South Korea	1.8	2.1	1.9	1.6	1.6	1.3	1.2	1.2	1.1	1.0
Taiwan, China	0.3	0.4	0.2	0.3	0.5	0.4	0.4	0.4	0.4	0.4
Asia	3.9	3.7	3.3	3.3	3.0	2.7	2.6	2.5	2.3	2.2
Australia	0.8	0.9	1.1	0.7	0.9	1.3	1.3	0.6	0.5	0.5
Oceania	0.7	0.8	1.0	0.6	0.8	1.1	1.1	0.5	0.4	0.4
World	6.7	6.1	4.8	4.6	4.4	4.1	3.9	3.6	3.4	3.6

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

Table 4

Production of Continuously-cast Steel *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	7 238	7 251	5 468	6 936	7 158	7 137	7 668	7 584	7 429	7 185
Belgium	10 692	10 673	5 635	7 973	8 026	7 301	7 093	7 331	7 257	7 687
Bulgaria	1 564	1 301	712	737	835	627	523	612	543	527
Croatia	75	89	43	95	96	1	135	167	122	
Czech Republic	6 269	5 634	4 196	4 656	5 032	4 619	4 710	4 911	4 800	4 913
Germany	46 717	43 956	31 604	42 375	42 640	41 241	41 307	41 555	41 397	40 102
Finland	4 407	4 394	3 056	4 012	3 968	3 742	3 499	3 790	3 971	4 084
France	18 312	16 959	12 372	14 782	15 036	14 994	15 108	15 522	14 436	13 969
Greece	2 554	2 477	2 000	1 821	1 934	1 247	1 030	1 022	910	1 158
Hungary	2 216	2 074	1 403	1 678	1 746	1 542	883	1 152	1 675	1 274
Italy	30 150	29 167	18 904	24 644	27 360	25 992	22 890	22 344	20 755	22 147
Latvia	696	635	692	655	568	805	198			
Luxembourg	2 858	2 582	2 141	2 548	2 521	2 208	2 090	2 193	2 127	2 175
Netherlands	7 203	6 706	5 134	6 523	6 765	6 739	6 581	6 839	6 888	6 824
Poland	9 326	9 386	6 921	7 784	8 571	8 194	7 783	8 399	9 038	8 850
Portugal	1 833	1 997	1 594	1 523	1 922	1 940	2 040	2 053	2 015	1 998
Romania	6 051	4 871	2 677	3 614	3 691	3 200	2 900	3 100	3 280	3 200
Slovak Republic	5 068	4 476	3 733	4 567	4 224	4 391	4 499	4 694	4 551	4 800
Slovenia	525	531	353	498	530	522	509	493	484	495
Spain	18 669	18 341	14 151	15 988	15 103	13 246	13 933	13 940	14 578	13 380
Sweden	4 953	4 539	2 457	4 290	4 229	3 773	3 857	3 978	3 849	4 121
United Kingdom	14 103	13 296	9 938	9 555	9 273	9 390	11 699	11 949	10 756	7 532
European Union (28)	201 479	191 335	135 185	167 256	171 227	162 853	160 935	163 629	160 861	156 421
Albania (e)	263	250	221	390	464	500	550	560	150	100 e
Bosnia-Herzegovina	520	597	515	574	632	693	722	793	819	806
Macedonia	359	253	270	292	386	217	100	188	121	169
Montenegro (e)	155	170	130	130	140	120	70	140	150	120 e
Norway	703	557	591	516	598	683	593	590	578	608
Serbia	1 478	1 662	1 061	1 254	1 324	346	396	583	955	1 173
Switzerland (e)	1 264	1 312	934	1 320	1 400	1 450	1 530	1 475	1 475	1 500 e
Turkey	25 754	26 806	25 304	29 143	34 107	35 885	34 654	34 035	31 517	33 163
Other Europe	30 495	31 607	29 025	33 619	39 051	39 894	38 614	38 364	35 766	37 639
Azerbaijan (e)	150	150	120	120	120	120	173	180	180	180 e
Byelorussia	2 350	2 517	2 377	2 500	2 600	2 687	2 245	2 513	2 510	2 188
Kazakhstan	4 772	4 240	4 140	4 200	4 695	3 670	3 270	3 675	3 905	4 230 e
Moldova	965	885	426	240	313	335	190	351	443	126
Russia	51 539	48 770	48 396	54 000	55 550	56 620	56 000	58 500	58 000	58 000 e
Ukraine	14 701	14 593	14 303	18 000	19 030	17 760	17 040	14 700	11 237	11 820 e
Uzbekistan	634	670	706	710	728	730	746	723	643	654
C.I.S.	75 111	71 825	70 468	79 770	83 036	81 922	79 665	80 643	76 918	77 198
Canada	15 533	14 703	9 036	12 873	12 698	13 131	12 055	12 481	12 179	9 891
Cuba	268	268	267	278	282	277	322	256	284	244
El Salvador	73	71	56	64	97	72	118	121	124	100
Guatemala	349	250	224	274	294	334	385	395	403	314
Mexico	17 493	17 175	14 108	16 846	18 091	18 047	18 195	18 906	18 203	18 799
Trinidad and Tobago	682	489	417	572	603	628	616	487	591	36
United States	94 908	88 557	57 911	78 398	84 455	87 467	85 796	86 867	78 070	78 012
North America	129 306	121 513	82 020	109 305	116 520	119 956	117 488	119 515	109 854	107 396

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

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	5 303	5 463	3 952	5 124	5 597	4 981	5 172	5 474	5 014	4 112
Brazil	31 510	31 751	25 737	31 827	34 058	33 590	33 431	33 383	32 910	30 879
Chile	1 678	1 549	1 308	1 011	1 615	1 671	1 323	1 079	1 112	1 153
Colombia	833	745	743	880	986	957	913	1 208	1 211	1 272
Ecuador	87	128	259	372	463	425	570	667	720	576
Paraguay	95	83	54	59	30	44	45	47	48	35
Peru	780	1 000	718	880	877	981	1 069	1 078	1 082	1 168
Uruguay	71	86	57	65	81	78	91	94	97	61
Venezuela	5 005	4 224	3 808	2 207	2 980	2 359	2 139	1 485	1 345	553
South America	45 362	45 028	36 635	42 425	46 687	45 086	44 753	44 514	43 538	39 810
Algeria	1 230	600	560	657	545	550	417	415	650	650 e
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30 e
Egypt	6 125	6 100	5 541	6 676	6 485	6 627	6 754	6 485	5 506	5 036
Ghana (e)	25	25	25	25	25	25	25	25	25	25 e
Kenya (e)	20	20	20	20	20	20	20	20	20	20 e
Libya	1 250	1 137	914	825	100	315	712	712	352	492
Morocco	512	478	499	485	654	539	558	501	516	520 e
Nigeria (e)	100	100	100	100	100	100	100	100	100	100 e
South Africa	8 937	8 113	7 456	7 579	7 501	6 900	7 139	6 381	6 380	6 141
Tunisia (e)	80	82	155	150	150	150	150	150	50	50 e
Uganda (e)	30	30	30	30	30	30	30	30	30	30 e
Africa	18 339	16 714	15 330	16 576	15 639	15 287	15 935	14 848	13 659	13 094
Iran	10 051	9 964	10 908	11 995	13 197	14 463	15 422	16 331	16 146	17 895
Israel (e)	300	300	300	300	300	300	300	300	300	300 e
Jordan (e)	150	150	150	150	150	150	150	150	150	150 e
Oman (a)					200	300	500	1 500	2 000	2 000 e
Qatar	1 147	1 406	1 448	1 970	2 038	2 145	2 236	3 019	2 593	2 521
Saudi Arabia	4 644	4 667	4 690	5 015	5 275	5 203	5 471	6 291	5 229	5 461
Syria (e)	70	70	70	70	70	10	10			
United Arab Emirates (e)	90	90	200	500	2 000	2 408	2 878	2 390	3 006	3 149 e
Middle East	16 452	16 646	17 766	20 000	23 230	24 979	26 967	29 981	29 424	31 475
Bangladesh (e)		50	70	78	85	87	84	90	100	100 e
China	478 410	502 885	568 532	626 716	690 472	720 074	808 202	810 200	792 800	797 500 e
India (e)	37 450	41 270	46 410	52 000	56 900	62 000	66 280	72 270	75 000	82 000 e
Indonesia	4 160	3 915	3 501	3 664	3 621	2 254	2 644	4 428	4 854	4 746
Japan (e: 2014-16)	117 742	116 247	86 112	107 655	105 523	105 402	108 932	109 025	103 575	103 220 e
South Korea	50 398	52 267	47 433	57 735	67 184	67 907	65 019	70 405	68 672	67 652
Malaysia	6 895	6 423	5 354	5 694	5 941	5 612	4 693	4 316	3 784	2 764
Mongolia (e)	35	35	35	35	35	35	40	45	45	50 e
Myanmar (e)	25	25	25	25	25	25	30	35	35	35 e
Philippines	718	711	824	1 050	1 200	1 260	1 308	1 196	968	1 075
Singapore	640	764	664	728	752	688	434	540	501	520
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30 e
Taiwan, China	20 833	19 804	15 779	19 396	19 420	20 576	22 188	23 017	21 303	21 658
Thailand	5 565	5 211	3 646	4 145	4 238	3 328	3 579	4 095	3 718	3 825
Viet Nam	2 024	2 250	2 700	4 314	4 900	5 298	5 474	5 847	5 647	7 811
Asia	724 925	751 887	781 114	883 265	960 325	994 576	1 088 935	1 105 538	1 081 032	1 092 986
Australia	7 877	7 560	5 192	7 244	6 350	4 832	4 627	4 581	4 900	5 234
New Zealand	845	799	765	853	844	912	900	859	793	577
Oceania	8 722	8 359	5 957	8 097	7 193	5 744	5 528	5 440	5 692	5 811
World	1 250 192	1 254 915	1 173 499	1 360 313	1 462 908	1 490 296	1 578 819	1 602 472	1 556 745	1 561 829

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

Table 4
(continued)

Production of Continuously-cast Steel *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	95.5	95.5	96.6	96.2	95.8	96.2	96.4	96.3	96.6	96.6
Belgium	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bulgaria	81.9	97.8	98.2	100.0	100.0	99.1	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	0.0
Czech Republic	88.8	88.2	91.3	89.9	90.1	91.1	91.1	91.6	91.2	92.6
Germany	96.2	95.9	96.7	96.7	96.3	96.7	96.9	96.8	97.0	95.3
Finland	99.5	99.5	99.6	99.6	99.5	99.5	99.5	99.5	99.6	99.6
France	95.1	94.9	96.4	95.9	95.3	96.1	96.3	96.2	96.3	96.9
Greece	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hungary	99.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Italy	95.6	95.3	95.2	95.7	95.2	95.4	95.0	94.2	94.3	94.8
Latvia	100.0	100.0	100.0	100.0	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	97.8	97.8	98.8	98.1	97.5	98.0	98.0	98.2	98.5	98.7
Poland	87.7	96.5	97.1	97.4	97.6	97.9	97.9	98.1	98.3	98.3
Portugal	98.9	99.0	98.8	98.7	99.0	99.0	99.5	99.2	99.3	99.4
Romania	96.6	96.7	96.9	97.1	96.4	97.2	97.2	98.2	97.9	97.7
Slovak Republic	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
Slovenia	82.3	82.8	82.0	82.2	81.8	82.6	82.3	80.2	80.1	80.7
Spain	98.3	98.4	98.6	97.8	97.4	97.1	97.8	97.8	98.2	98.3
Sweden	87.3	87.3	87.6	88.5	86.9	87.2	87.6	87.6	88.0	89.3
United Kingdom	98.5	98.3	98.6	98.4	97.8	98.0	98.7	98.6	98.6	98.7
European Union (28)	95.8	96.3	97.0	96.7	96.3	96.6	96.7	96.6	96.8	96.5
Albania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Bosnia-Herzegovina	97.4	98.1	99.2	97.0	97.5	99.0	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)	89.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Norway	99.3	99.5	99.3	97.4	98.0	97.6	98.0	98.3	98.0	98.1
Serbia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Switzerland (e)	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	100.0	100.0	99.9	99.9	99.9	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
Byelorussia	97.5	97.2	98.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0
Kazakhstan	99.8	99.8	99.9	99.5	99.9	99.8	99.8	99.8	99.9	98.6 e
Moldova	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Russia	71.2	71.2	80.6	80.7	80.7	80.6	81.2	81.9	81.8	82.3 e
Ukraine	34.3	39.1	47.9	53.8	53.9	53.9	52.0	54.1	48.9	48.8 e
Uzbekistan	98.3	98.2	98.6	99.2	99.3	99.1	100.0	100.0	100.0	100.0
C.I.S.	60.5	62.8	72.1	73.7	73.7	74.0	73.5	76.0	75.7	75.6
Canada	99.8	98.4	97.2	99.0	98.5	97.2	97.1	98.0	97.6	78.2
Cuba	100.0	96.2	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	99.5	99.8	99.8	99.9	99.9	99.9	99.7	99.9	99.9	99.9
Trinidad and Tobago	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United States	96.7	96.4	97.5	97.4	97.8	98.6	98.8	98.5	99.0	99.4
North America	97.5	97.1	97.9	98.0	98.2	98.7	98.7	98.7	99.0	97.1

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

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	98.4	98.6	98.5	99.7	99.8	99.7	99.7	99.7	99.7	99.7
Brazil	93.3	94.2	97.1	96.6	96.7	97.3	97.9	98.5	99.0	98.7
Chile	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Colombia	66.9	70.7	70.6	72.8	76.6	73.5	73.9	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	88.5	90.1	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	94.1	94.8	97.0	96.7	96.9	97.2	97.7	98.8	99.2	99.0
Algeria	96.2	97.0	93.8	99.2	98.9	98.8	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	98.4	98.4	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	98.2	98.4	99.6	99.5	99.4	99.5	99.7	99.5	99.4	100.0
Tunisia (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Uganda (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
Africa	98.2	98.5	99.5	99.7	99.6	99.7	99.8	99.8	99.7	100.0
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
Oman (a)					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	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	0.0	0.0	0.0
United Arab Emirates (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 e
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 e
China	97.7	98.2	98.5	98.1	98.4	98.5	98.3	98.5	98.6	98.7 e
India (e)	70.0	71.4	73.1	75.4	77.4	80.2	81.5	82.8	84.2	85.9 e
Indonesia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Japan (e: 2014-16)	98.0	97.9	98.4	98.2	98.1	98.3	98.5	98.5	98.5	98.5 e
South Korea	97.8	97.5	97.7	98.0	98.1	98.3	98.4	98.4	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
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	99.7	99.6	99.8	98.2	96.2	99.6	99.6	99.6	99.6	99.6
Thailand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Viet Nam	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Asia	95.6	95.9	96.2	96.2	96.5	96.9	96.9	97.0	97.1	97.2
Australia	99.2	99.1	98.9	99.3	99.1	98.7	98.7	99.4	99.5	99.5
New Zealand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oceania	99.3	99.2	99.0	99.4	99.2	98.9	98.9	99.5	99.6	99.6
World	92.7	93.4	94.7	94.9	95.1	95.5	95.7	96.0	96.1	96.0

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

Table 5

Production of Liquid Steel for Castings *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	13	15	9	9	10	10	10	10	11	9
Czech Republic	147	113	87	79	75	64	67	56	58	52
Germany	16	15	11	10	11	12	9	9	6	6
Finland	24	23	11	17	21	17	17	17	17	17
France	1	2	1	1	1					
Italy	145	136	136	150	146	144	160	150	145	146
Poland	2	2	2							
Portugal	20	20	20	20	20	20	10	17	15	12
Romania	125	105								
Slovak Republic	14	14	13	16	13	12	12	11	11	9
Sweden	38	34	25	26	38	37	33	25	26	21
United Kingdom	11	14	12	7	11	9	9	9	9	5
European Union (28)	554	492	328	335	345	326	326	305	298	277
Norway	5	3	4	14	12	17	12	10	12	12
Other Europe	5	3	4	14	12	17	12	10	12	12
Byelorussia	25	30	10	10	5					
Kazakhstan	10	10	6	5	4	6	5	5	5	5
Russia	2 000	1 805	1 500	1 640	1 650	1 670	1 500	1 460	1 400	1 400
Ukraine	550	150	100	100	100	95	70	50		
C.I.S.	2 585	1 995	1 616	1 755	1 759	1 771	1 575	1 515	1 405	1 405
Canada			47	7						
Mexico	1	1	1	1	1					
United States	1	1	1	1	1	1	1	1		
North America	2	2	49	8	2	1	1	1		
Argentina	14	14	14	14	14	14	14	14	14	14
Brazil	43	47	39	32	30	18	21	30	29	27
Peru	15	15								
South America	72	75	53	46	44	32	35	44	43	41
Mauritania (e)	5	5	5	5	5	5	5	5	5	5
South Africa	113	91								
Africa	118	96	5	5	5	5	5	5	5	5
China	854	354	804	1 176	924	678	1 256	1 300	1 200	1 100
India (e)	20	20	20	20	20	20	20	25	25	20
Japan	526	543	351	388	423	392	357	335	320	316
South Korea	204	241	193	236	261	258	274	270	250	231
Taiwan, China				293	662	1				
Asia	1 603	1 158	1 367	2 112	2 290	1 349	1 907	1 930	1 795	1 667
World	4 939	3 821	3 421	4 275	4 457	3 499	3 860	3 810	3 558	3 407

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

Table 5
(continued)

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

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Czech Republic	2.1	1.8	1.9	1.5	1.3	1.3	1.3	1.0	1.1	1.0
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	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4
France	0.0	0.0	0.0	0.0	0.0					
Italy	0.5	0.4	0.7	0.6	0.5	0.5	0.7	0.6	0.7	0.6
Poland	0.0	0.0	0.0							
Portugal	1.1	1.0	1.2	1.3	1.0	1.0	0.5	0.8	0.7	0.6
Romania	2.0	2.1								
Slovak Republic	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Sweden	0.7	0.7	0.9	0.5	0.8	0.9	0.7	0.6	0.6	0.5
United Kingdom	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
European Union (27)	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Norway	0.7	0.5	0.7	2.6	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	0.0	0.0	0.0	0.0
Byelorussia	1.0	1.2	0.4	0.4	0.2					
Kazakhstan	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1
Russia	2.8	2.6	2.5	2.4	2.4	2.4	2.2	2.0	2.0	2.0
Ukraine	1.3	0.4	0.3	0.3	0.3	0.3	0.2	0.2		
C.I.S.	2.1	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.4	1.4
Canada			0.5	0.1						
Mexico	0.0	0.0	0.0	0.0	0.0					
United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
North America	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		
Argentina	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
Brazil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Peru	1.7	1.4								
South America	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Mauritania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
South Africa	1.2	1.1								
Africa	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
China	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1
India (e)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japan	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
South Korea	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Taiwan, China				1.5	3.3	0.0				
Asia	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1
World	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2

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

Table 6	Crude Steel Production by Process *					Year:				2015
	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other	Total
		thousand tonnes					% total production			
Austria	7 020	667			7 687	91.3	8.7			100.0
Belgium	4 809	2 448			7 257	66.3	33.7			100.0
Bulgaria		543			543		100.0			100.0
Croatia		122			122		100.0			100.0
Czech Republic	4 902	360			5 262	93.2	6.8			100.0
Germany	30 054	12 622			42 676	70.4	29.6			100.0
Finland (e)	2 625	1 365			3 990	65.8	34.2			100.0
France	9 825	5 159			14 984	65.6	34.4			100.0
Greece		910			910		100.0			100.0
Hungary	1 507	168			1 675	90.0	10.0			100.0
Italy	4 791	17 227			22 018	21.8	78.2			100.0
Luxembourg		2 127			2 127		100.0			100.0
Netherlands	6 888	107			6 995	98.5	1.5			100.0
Poland	5 321	3 877			9 198	57.8	42.2			100.0
Portugal (e)		2 030			2 030		100.0			100.0
Romania	2 245	1 100			3 345	67.1	32.9			100.0
Slovak Republic	4 236	326			4 562	92.9	7.1			100.0
Slovenia		604			604		100.0			100.0
Spain	4 701	10 144			14 845	31.7	68.3			100.0
Sweden	2 890	1 485			4 374	66.1	33.9			100.0
United Kingdom	9 051	1 856			10 907	83.0	17.0			100.0
European Union (28)	100 864	65 247			166 110	60.7	39.3			100.0
Albania (e)		150			150		100.0			100.0
Bosnia-Herzegovina	819				819	100.0				100.0
Macedonia		121			121		100.0			100.0
Montenegro (e)		150			150		100.0			100.0
Norway		590			590		100.0			100.0
Serbia	955				955	100.0				100.0
Switzerland (e)		1 475			1 475		100.0			100.0
Turkey	11 035	20 482			31 517	35.0	65.0			100.0
Other Europe	12 809	22 968			35 778	35.8	64.2			100.0
Azerbaijan (e)		180			180		100.0			100.0
Byelorussia		2 510			2 510		100.0			100.0
Kazakhstan	3 620	290			3 910	92.6	7.4			100.0
Moldova		443			443		100.0			100.0
Russia	46 979	21 600	1 671	641	70 891	66.3	30.5	2.4	0.9	100.0
Ukraine	16 455	1 293	5 181		22 930	71.8	5.6	22.6		100.0
Uzbekistan		643			643		100.0			100.0
C.I.S.	67 054	26 959	6 853	641	101 507	66.1	26.6	6.8	0.6	100.0
Canada	6 715	5 757			12 473	53.8	46.2			100.0
Cuba		284			284		100.0			100.0
El Salvador		124			124		100.0			100.0
Guatemala		403			403		100.0			100.0
Mexico	4 978	13 240			18 218	27.3	72.7			100.0
Trinidad and Tobago		591			591		100.0			100.0
United States	29 395	49 450			78 845	37.3	62.7			100.0
North America	41 089	69 849			110 938	37.0	63.0			100.0

OBC - oxygen-blown converter.

EF - electric furnace.

OHF - open hearth furnace.

Table 6 (continued)	Crude Steel Production by Process *					Year: 2015				
	OBC	EF thousand tonnes	OHF	Other	Total	OBC	EF % total production	OHF	Other	Total
Argentina	2 822	2 206			5 028	56.1	43.9			100.0
Brazil	26 013	6 720		523	33 256	78.2	20.2		1.6	100.0
Chile	773	339			1 112	69.5	30.5			100.0
Colombia	241	970			1 211	19.9	80.1			100.0
Ecuador		720			720		100.0			100.0
Paraguay	48				48	100.0				100.0
Peru		1 082			1 082		100.0			100.0
Uruguay		97			97		100.0			100.0
Venezuela		1 345			1 345		100.0			100.0
South America	29 897	13 479		523	43 899	68.1	30.7		1.2	100.0
Algeria	650				650	100.0				100.0
D.R. Congo (e)		30			30		100.0			100.0
Egypt (e)	580	4 930			5 510	10.5	89.5			100.0
Ghana (e)		25			25		100.0			100.0
Kenya (e)		20			20		100.0			100.0
Libya		352			352		100.0			100.0
Mauritania (e)				5	5				100.0	100.0
Morocco		516			516		100.0			100.0
Nigeria (e)		100			100		100.0			100.0
South Africa	3 908	2 510			6 417	60.9	39.1			100.0
Tunisia		50			50		100.0			100.0
Uganda (e)		30			30		100.0			100.0
Africa	5 138	8 562		5	13 705	37.5	62.5		0.0	100.0
Iran	2 407	13 739			16 146	14.9	85.1			100.0
Israel (e)		300			300		100.0			100.0
Jordan (e)		150			150		100.0			100.0
Oman (e)		2 000			2 000		100.0			100.0
Qatar		2 593			2 593		100.0			100.0
Saudi Arabia		5 229			5 229		100.0			100.0
Syria (e)		5			5		100.0			100.0
United Arab Emirates		3 006			3 006		100.0			100.0
Middle East	2 407	27 022			29 429	8.2	91.8			100.0
Bangladesh (e)		100			100		100.0			100.0
China (e)	756 300	47 457		68	803 825	94.1	5.9		0.0	100.0
India	38 216	50 810			89 026	42.9	57.1			100.0
Indonesia		4 854			4 854		100.0			100.0
Japan	81 081	24 053			105 134	77.1	22.9			100.0
South Korea	48 500	21 171			69 670	69.6	30.4			100.0
Malaysia		3 784			3 784		100.0			100.0
Mongolia (e)		45			45		100.0			100.0
Myanmar (e)		35			35		100.0			100.0
Pakistan (e)	180	2 710			2 890	6.2	93.8			100.0
Philippines		968			968		100.0			100.0
Singapore		501			501		100.0			100.0
Sri Lanka (e)		30			30		100.0			100.0
Taiwan, China	13 328	8 064			21 392	62.3	37.7			100.0
Thailand		3 718			3 718		100.0			100.0
Viet Nam	1 409	3 381		857	5 647	25.0	59.9		15.2	100.0
Asia	939 014	171 681		925	1 111 621	84.5	15.4		0.1	100.0
Australia	3 797	1 127			4 925	77.1	22.9			100.0
New Zealand	583	210			793	73.5	26.5			100.0
Oceania	4 380	1 337			5 717	76.6	23.4			100.0
World **	1 202 651	407 105	6 853	2 094	1 618 703	74.3	25.2	0.4	0.1	100.0

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

** - Approximately 99.9% of total world production.

Table 6 (continued)	Crude Steel Production by Process *					Year:				2016
	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other	Total
		thousand tonnes					% total production			
Austria	6 766	672			7 438	91.0	9.0			100.0
Belgium	5 330	2 357			7 687	69.3	30.7			100.0
Bulgaria		527			527		100.0			100.0
Croatia		0			0		100.0			100.0
Czech Republic	5 011	295			5 305	94.4	5.6			100.0
Germany	29 486	12 594			42 080	70.1	29.9			100.0
Finland	2 750	1 350			4 100	67.1	32.9			100.0
France	9 527	4 886			14 413	66.1	33.9			100.0
Greece		1 158			1 158		100.0			100.0
Hungary	1 041	233			1 274	81.7	18.3			100.0
Italy	5 669	17 704			23 373	24.3	75.7			100.0
Luxembourg		2 175			2 175		100.0			100.0
Netherlands	6 824	93			6 917	98.7	1.3			100.0
Poland	5 110	3 891			9 001	56.8	43.2			100.0
Portugal (e)		2 010			2 010		100.0			100.0
Romania	2 228	1 046			3 274	68.1	31.9			100.0
Slovak Republic	4 506	302			4 808	93.7	6.3			100.0
Slovenia		613			613		100.0			100.0
Spain	4 547	9 069			13 616	33.4	66.6			100.0
Sweden	3 111	1 506			4 617	67.4	32.6			100.0
United Kingdom	6 153	1 482			7 635	80.6	19.4			100.0
European Union (28)	98 058	63 962			162 021	60.5	39.5			100.0
Albania (e)		100			100		100.0			100.0
Bosnia-Herzegovina	806				806	100.0				100.0
Macedonia		169			169		100.0			100.0
Montenegro (e)		120			120		100.0			100.0
Norway		620			620		100.0			100.0
Serbia	1 173				1 173	100.0				100.0
Switzerland (e)		1 500			1 500		100.0			100.0
Turkey	11 317	21 846			33 163	34.1	65.9			100.0
Other Europe	13 295	24 355			37 651	35.3	64.7			100.0
Azerbaijan (e)		180			180		100.0			100.0
Byelorussia		2 188			2 188		100.0			100.0
Kazakhstan	4 175	60			4 235	98.6	1.4			100.0
Moldova		126			126		100.0			100.0
Russia	47 345	21 790	1 670		70 805	66.9	30.8	2.4		100.0
Ukraine	16 950	1 700	5 570		24 220	70.0	7.0	23.0		100.0
Uzbekistan		654			654		100.0			100.0
C.I.S.	68 470	26 698	7 240		102 408	66.9	26.1	7.1		100.0
Canada	7 012	5 634			12 646	55.4	44.6			100.0
Cuba		244			244		100.0			100.0
El Salvador		100			100		100.0			100.0
Guatemala		314			314		100.0			100.0
Mexico	4 919	13 904			18 824	26.1	73.9			100.0
Trinidad and Tobago		36			36		100.0			100.0
United States	25 888	52 587			78 475	33.0	67.0			100.0
North America	37 819	72 820			110 638	34.2	65.8			100.0

OBC - oxygen-blown converter.

EF - electric furnace.

OHF - open hearth furnace.

Table 6 (continued)	Crude Steel Production by Process *					Year: 2016			
	OBC	EF	OHF	Other	Total	OBC	EF	OHF	Other
	thousand tonnes					% total production			
Argentina	2 340	1 787			4 126	56.7	43.3		
Brazil	24 173	6 600		502	31 275	77.3	21.1		1.6
Chile	815	337			1 153	70.7	29.3		
Colombia	244	1 028			1 272	19.2	80.8		
Ecuador		576			576		100.0		
Paraguay	35				35	100.0			
Peru		1 168			1 168		100.0		
Uruguay		61			61		100.0		
Venezuela		553			553		100.0		
South America	27 606	12 111		502	40 220	68.6	30.1		1.2
Algeria	650				650	100.0			
D.R. Congo (e)		30			30		100.0		
Egypt	575	4 460			5 035	11.4	88.6		
Ghana (e)		25			25		100.0		
Kenya (e)		20			20		100.0		
Libya		492			492		100.0		
Mauritania (e)				5	5				100.0
Morocco		520			520		100.0		
Nigeria (e)		100			100		100.0		
South Africa	3 820	2 322			6 141	62.2	37.8		
Tunisia		50			50		100.0		
Uganda (e)		30			30		100.0		
Africa	5 045	8 048		5	13 098	38.5	61.4		0.0
Iran	2 183	15 712			17 895	12.2	87.8		
Israel (e)		300			300		100.0		
Jordan (e)		150			150		100.0		
Oman (e)		2 000			2 000		100.0		
Qatar		2 521			2 521		100.0		
Saudi Arabia		5 461			5 461		100.0		
Syria (e)		5			5		100.0		
United Arab Emirates		3 149			3 149		100.0		
Middle East	2 183	29 298			31 480	6.9	93.1		100.0
Bangladesh (e)		100			100		100.0		
China (e)	756 600	50 928		81	807 609	93.7	6.3		0.0
India	40 796	54 737			95 533	42.7	57.3		
Indonesia		4 746			4 746		100.0		
Japan	81 513	23 262			104 775	77.8	22.2		
South Korea	47 521	21 055			68 576	69.3	30.7		
Malaysia		2 764			2 764		100.0		
Mongolia (e)		50			50		100.0		
Myanmar (e)		35			35		100.0		
Pakistan (e)		3 553			3 553		100.0		
Philippines		1 075			1 075		100.0		
Singapore		520			520		100.0		
Sri Lanka (e)		30			30		100.0		
Taiwan, China	13 969	7 782			21 751	64.2	35.8		
Thailand		3 825			3 825		100.0		
Viet Nam	2 343	4 687		781	7 811	30.0	60.0		10.0
Asia	942 741	179 150		862	1 122 754	84.0	16.0		0.1
Australia	3 983	1 276			5 259	75.7	24.3		
New Zealand	577				577	100.0			
Oceania	4 560	1 276			5 837	78.1	21.9		100.0
World **	1 199 777	417 719	7 240	1 369	1 626 106	73.8	25.7	0.4	0.1

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

** - Approximately 99.9% of total world production.

Table 7

Production of Crude Steel in Oxygen-blown Converters *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	6 870	6 870	5 074	6 569	6 785	6 746	7 288	7 185	7 020	6 766
Belgium	7 147	7 407	3 289	5 177	5 253	4 647	4 738	4 952	4 809	5 330
Bulgaria	1 027	429								
Czech Republic	6 397	5 757	4 254	4 762	5 128	4 701	4 805	5 006	4 902	5 011
Germany	33 535	31 193	21 335	30 615	30 079	28 872	29 185	29 881	30 054	29 486
Finland	3 117	3 150	2 221	2 765	2 703	2 300	2 220	2 545	2 625	2 750
France	11 808	10 666	7 676	9 813	9 652	9 507	10 195	10 645	9 825	9 527
Hungary	1 728	1 576	1 271	1 586	1 570	1 488	744	974	1 507	1 041
Italy	11 556	10 911	5 812	8 587	9 892	9 312	6 798	6 514	4 791	5 669
Netherlands	7 203	6 706	5 134	6 523	6 765	6 739	6 581	6 839	6 888	6 824
Poland	6 198	5 225	3 236	3 995	4 424	4 234	4 399	5 067	5 321	5 110
Romania	4 356	3 343	1 790	1 990	1 877	1 701	1 830	1 845	2 245	2 228
Slovak Republic	4 693	4 109	3 542	4 244	3 856	4 023	4 172	4 344	4 236	4 506
Spain	4 190	4 067	3 088	3 840	3 844	3 423	4 210	4 206	4 701	4 547
Sweden	3 750	3 441	1 837	3 329	3 192	2 883	2 986	3 096	2 890	3 111
United Kingdom	11 282	10 478	7 959	7 323	6 946	7 525	9 915	10 165	9 051	6 153
European Union (28)	124 857	115 329	77 518	101 116	101 966	98 103	100 067	103 265	100 864	98 058
Bosnia-Herzegovina		228	517	592	649	700	721	793	819	806
Serbia	1 478	1 662	1 061	1 254	1 324	346	396	583	955	1 173
Turkey	6 392	7 034	7 563	8 238	8 832	9 325	9 931	10 283	11 035	11 317
Other Europe	7 869	8 925	9 141	10 084	10 804	10 371	11 048	11 659	12 809	13 295
Kazakhstan	4 110	3 373	3 283	3 293	3 636	2 904	3 009	3 526	3 620	4 175
Russia	41 209	38 907	38 036	42 430	43 650	45 800	46 101	47 567	46 979	47 345
Ukraine	22 006	20 218	20 679	23 200	24 500	23 954	24 284	19 930	16 455	16 950
C.I.S.	67 325	62 498	61 998	68 923	71 786	72 658	73 394	71 024	67 054	68 470
Canada	9 168	8 962	5 337	7 655	7 478	7 810	6 850	7 723	6 715	7 012
Mexico	4 558	5 011	4 337	5 155	5 066	4 989	5 363	5 679	4 978	4 919
United States	41 098	39 104	22 659	31 157	34 290	36 281	34 237	33 000	29 395	25 888
North America	54 824	53 077	32 333	43 967	46 835	49 080	46 450	46 402	41 089	37 819
Argentina	2 593	2 655	2 171	2 604	2 846	2 214	2 531	2 749	2 822	2 340
Brazil	25 130	25 231	19 662	24 627	26 447	25 962	25 055	25 507	26 013	24 173
Chile	1 219	1 185	968	647	1 191	1 186	864	697	773	815
Colombia	340	308	310	340	302	345	323	297	241	244
Paraguay	95	83	54	59	30	44	45	47	48	35
Peru	324	378								
South America	29 701	29 840	23 165	28 277	30 815	29 751	28 819	29 297	29 897	27 606
Algeria	1 278	619	597	662	551	557	417	415	650	650
Egypt	1 000	900	840	600	545	530	540	515	580	575
South Africa	4 521	4 504	3 954	4 367	3 992	3 904	4 272	3 623	3 908	3 820
Zimbabwe	23									
Africa	6 822	6 023	5 391	5 628	5 088	4 991	5 229	4 553	5 138	5 045
Iran	1 930	1 984	1 992	2 150	2 296	2 157	2 013	2 724	2 407	2 183
Middle East	1 930	1 984	1 992	2 150	2 296	2 157	2 013	2 724	2 407	2 183
China	431 229	447 762	521 203	572 376	630 561	666 185	764 631	767 900	756 300	756 600 e
India (e)	21 811	22 151	23 002	23 500	23 632	24 664	34 773	37 045	38 216	40 796
Japan	89 242	89 238	68 337	85 756	82 743	82 307	85 680	84 987	81 081	81 513
South Korea	27 561	30 227	27 667	34 113	42 142	43 119	40 294	47 345	48 500	47 521
Pakistan	990	900	620	400	350	200	165	145	180	
Taiwan, China	10 884	10 088	8 150	10 396	10 298	11 092	12 483	13 544	13 328	13 969
Viet Nam							500	877	1 409	2 343
Asia	581 717	600 366	648 980	726 542	789 727	827 567	938 526	951 844	939 014	942 741

Table 7
(continued)

Production of Crude Steel in Oxygen-blown Converters *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Australia	6 418	6 158	4 331	6 067	5 150	3 777	3 642	3 573	3 797	3 983
New Zealand	612	566	532	620	611	625	612	595	583	577
Oceania	7 030	6 725	4 863	6 687	5 761	4 402	4 254	4 168	4 380	4 560
World	882 076	884 767	865 381	993 374	1 065 079	1 099 079	1 209 799	1 224 934	1 202 651	1 199 777

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

Table 7
(continued) **Production of Crude Steel in Oxygen-blown Converters ***
% total crude steel production

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	90.7	90.5	89.6	91.2	90.8	90.9	91.6	91.2	91.3	91.0
Belgium	66.8	69.4	58.4	64.9	65.4	63.6	66.8	67.6	66.3	69.3
Bulgaria	53.8	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Czech Republic	90.6	90.1	92.6	91.9	91.8	92.7	92.9	93.4	93.2	94.4
Germany	69.1	68.1	65.3	69.8	67.9	67.7	68.4	69.6	70.4	70.1
Finland	70.4	71.3	72.4	68.6	67.8	61.2	63.1	66.8	65.8	67.1
France	61.3	59.7	59.8	63.7	61.2	60.9	65.0	65.9	65.6	66.1
Hungary	77.6	75.1	90.6	94.5	89.9	96.5	84.3	84.5	90.0	81.7
Italy	36.6	35.7	29.3	33.3	34.4	34.2	28.2	27.5	21.8	24.3
Netherlands	97.8	97.8	98.8	98.1	97.5	98.0	98.0	98.2	98.5	98.7
Poland	58.3	53.7	45.4	50.0	50.4	50.6	55.3	59.2	57.8	56.8
Romania	69.6	66.4	64.8	53.5	49.0	51.7	61.3	58.4	67.0	68.0
Slovak Republic	92.2	91.5	94.5	92.6	91.0	91.4	92.5	92.3	92.9	93.7
Spain	22.1	21.8	21.5	23.5	24.8	25.1	29.5	29.5	31.7	33.4
Sweden	66.1	66.2	65.5	68.7	65.6	66.6	67.8	68.2	66.1	67.4
United Kingdom	78.8	77.5	79.0	75.4	73.3	78.6	83.6	83.9	83.0	80.6
European Union (28)	59.4	58.0	55.6	58.5	57.4	58.2	60.2	61.0	60.7	60.5
Bosnia-Herzegovina	0.0	37.5	99.6	100.0	100.0	100.0	99.9	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
Turkey	24.8	26.2	29.9	28.3	25.9	26.0	28.7	30.2	35.0	34.1
Other Europe	25.8	28.2	31.5	30.0	27.6	26.0	28.6	30.4	35.8	35.3
Kazakhstan	85.9	79.4	79.2	78.0	77.4	79.0	91.9	95.8	92.6	97.3
Russia	56.9	56.8	63.4	63.4	63.4	65.2	66.8	66.6	66.3	67.2
Ukraine	51.4	54.2	69.3	69.4	69.3	72.6	74.1	73.4	71.6	70.0
C.I.S.	54.2	54.7	63.5	63.7	63.7	65.6	67.7	67.0	66.0	67.1
Canada	58.9	60.0	57.4	58.8	58.0	57.8	55.2	60.7	53.8	55.4
Mexico	25.9	29.1	30.7	30.6	28.0	27.6	29.4	30.0	27.3	26.1
United States	41.9	42.6	38.2	38.7	39.7	40.9	39.4	37.4	37.3	33.0
North America	41.3	42.4	38.6	39.4	39.5	40.4	39.0	38.3	37.0	34.2
Argentina	48.1	47.9	54.1	50.7	50.7	44.3	48.8	50.1	56.1	56.7
Brazil	74.4	74.8	74.2	74.7	75.1	75.2	73.3	75.2	78.2	77.3
Chile	72.7	76.5	74.0	64.0	73.7	71.0	65.4	64.6	69.5	70.7
Colombia	27.3	29.3	29.4	28.2	23.4	26.5	26.1	24.6	19.9	19.2
Paraguay	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Peru	36.8	34.1								
South America	61.6	62.8	61.3	64.4	64.0	64.1	62.9	65.0	68.1	68.6
Algeria	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Egypt	16.1	14.5	15.2	9.0	8.4	8.0	8.0	7.9	10.5	11.4
South Africa	49.7	54.6	52.8	57.3	52.9	56.3	59.6	56.5	60.9	62.2
Zimbabwe	100.0									
Africa	36.5	35.5	35.0	33.9	32.4	32.5	32.8	30.6	37.5	38.5
Iran	19.2	19.9	18.3	17.9	17.4	14.9	13.1	16.7	14.9	12.2
Middle East	11.7	11.9	11.2	10.8	9.9	8.6	7.5	9.1	8.2	6.9
China	88.1	87.4	90.3	89.6	89.8	91.1	93.0	93.4	94.1	93.7
India (e)	40.8	38.3	36.2	34.1	32.2	31.9	42.8	42.4	42.9	42.7
Japan	74.2	75.2	78.1	78.2	76.9	76.8	77.5	76.8	77.1	77.8
South Korea	53.5	56.4	57.0	57.9	61.5	62.4	61.0	66.2	69.6	69.3
Pakistan	90.8	90.0	51.7	28.6	22.0	12.3	8.9	6.0	6.2	0.0
Taiwan, China	52.1	50.7	51.5	52.6	51.0	53.7	56.0	58.6	62.3	64.2
Viet Nam							9.1	15.0	25.0	30.0
Asia	76.7	76.6	79.9	79.1	79.3	80.6	83.5	83.6	84.4	83.9

Table 7
(continued)

Production of Crude Steel in Oxygen-blown Converters *
% total crude steel production

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Australia	80.8	80.8	82.5	83.1	80.4	77.2	77.7	77.6	77.1	75.7
New Zealand	72.5	70.9	69.6	72.7	72.4	68.6	67.9	69.2	73.5	100.0
Oceania	80.0	79.8	80.9	82.1	79.5	75.8	76.1	76.2	76.6	78.1
World	65.4	65.9	69.9	69.3	69.3	70.4	73.3	73.4	74.2	73.7

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

Table 8

Production of Crude Steel in Electric Furnaces *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	708	723	588	637	689	674	664	691	667	672
Belgium	3 545	3 265	2 347	2 796	2 773	2 654	2 355	2 379	2 448	2 357
Bulgaria	882	901	726	737	835	633	523	612	543	527
Croatia	75	89	43	95	96	1	135	167	122	0
Czech Republic	662	630	339	418	455	371	367	354	360	295
Germany	15 015	14 639	11 336	13 215	14 204	13 789	13 459	13 062	12 622	12 594
Finland	1 314	1 267	846	1 265	1 286	1 460	1 300	1 265	1 365	1 350
France	7 442	7 213	5 164	5 601	6 128	6 102	5 491	5 498	5 159	4 886
Greece	2 554	2 477	2 000	1 821	1 934	1 247	1 030	1 022	910	1 158
Hungary	498	521	132	92	176	54	139	178	168	233
Italy	19 996	19 679	14 036	17 163	18 843	17 939	17 295	17 200	17 227	17 704
Latvia					568	805	198			
Luxembourg	2 858	2 582	2 141	2 548	2 521	2 208	2 090	2 193	2 127	2 175
Netherlands	165	148	60	128	172	141	132	125	107	93
Poland	4 434	4 503	3 893	3 998	4 356	4 132	3 551	3 492	3 877	3 891
Portugal	1 853	2 017	1 614	1 543	1 942	1 960	2 050	2 070	2 030	2 010
Romania	1 906	1 692	971	1 731	1 951	1 591	1 155	1 314	1 100	1 046
Slovak Republic	396	380	204	339	380	381	339	362	326	302
Slovenia	638	642	430	606	648	632	618	615	604	613
Spain	14 809	14 573	11 270	12 503	11 660	10 216	10 042	10 042	10 144	9 069
Sweden	1 923	1 757	967	1 517	1 675	1 443	1 418	1 443	1 485	1 506
United Kingdom	3 035	3 043	2 119	2 395	2 532	2 054	1 942	1 955	1 856	1 482
European Union (28)	84 708	82 740	61 226	71 147	75 825	70 487	66 292	66 039	65 247	63 962
Albania (e)	263	250	221	390	464	500	550	560	150	100
Bosnia-Herzegovina	533	380	2				1			
Macedonia	359	253	270	292	386	217	100	188	121	169
Montenegro (e)	174	170	130	130	140	120	70	140	150	120
Norway	708	560	595	530	610	700	605	600	590	620
Switzerland (e)	1 264	1 312	934	1 320	1 400	1 450	1 530	1 475	1 475	1 500
Turkey	19 362	19 771	17 741	20 905	25 275	26 560	24 723	23 752	20 482	21 846
Other Europe	22 663	22 696	19 893	23 566	28 275	29 547	27 579	26 715	22 968	24 355
Azerbaijan (e)	150	150	120	120	120	120	173	180	180	180
Byelorussia	2 300	2 489	2 356	2 500	2 600	2 687	2 245	2 513	2 510	2 188
Kazakhstan	672	877	863	927	1 064	773	266	155	290	60
Moldova	965	885	426	240	313	335	190	351	443	126
Russia	19 291	20 000	16 119	17 980	18 500	20 800	20 005	21 852	21 600	21 790
Ukraine	1 635	1 570	1 338	1 500	1 580	1 987	1 951	1 678	1 293	1 700
Uzbekistan	542	580	626	630	650	736	746	723	643	654
C.I.S.	25 555	26 551	21 848	23 897	24 826	27 437	25 576	27 452	26 959	26 698
Canada	6 331	5 983	3 955	5 355	5 412	5 697	5 565	5 007	5 757	5 634
Cuba	268	279	267	278	282	277	322	256	284	244
El Salvador	73	71	56	64	97	72	118	121	124	100
Guatemala	349	250	224	274	294	334	385	395	403	314
Mexico	13 014	12 198	9 795	11 715	13 044	13 084	12 880	13 251	13 240	13 904
Trinidad and Tobago	682	489	417	572	603	628	616	487	591	36
United States	57 003	52 790	36 725	49 338	52 107	52 414	52 641	55 174	49 450	52 587
North America	77 721	72 060	51 439	67 595	71 840	72 506	72 526	74 691	69 849	72 820

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

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	2 794	2 886	1 842	2 535	2 765	2 781	2 654	2 740	2 206	1 787
Brazil	8 081	7 933	6 349	7 812	8 231	8 094	8 570	7 877	6 720	6 600
Chile	459	365	340	364	424	485	458	382	339	337
Colombia	905	745	743	867	986	957	913	910	970	1 028
Ecuador	87	128	259	372	463	425	570	667	720	576
Peru	557	731	718	880	877	981	1 069	1 078	1 082	1 168
Uruguay	71	86	57	65	81	78	91	94	97	61
Venezuela	5 005	4 224	3 808	2 207	2 980	2 359	2 139	1 485	1 345	553
South America	17 959	17 098	14 116	15 103	16 807	16 160	16 465	15 233	13 479	12 111
D.R. Congo (e)	30	30	30	30	30	30	30	30	30	30
Egypt	5 225	5 300	4 700	6 075	5 940	6 100	6 215	5 970	4 930	4 460
Ghana (e)	25	25	25	25	25	25	25	25	25	25
Kenya (e)	20	20	20	20	20	20	20	20	20	20
Libya	1 250	1 137	914	825	100	315	712	712	352	492
Morocco	512	478	499	485	654	539	558	501	516	520
Nigeria (e)	100	100	100	100	100	100	100	100	100	100
South Africa	4 577	3 742	3 530	3 250	3 555	3 034	2 890	2 789	2 510	2 322
Tunisia	80	82	155	150	150	150	150	150	50	50
Uganda (e)	30	30	30	30	30	30	30	30	30	30
Africa	11 849	10 943	10 003	10 990	10 603	10 344	10 730	10 327	8 562	8 048
Iran	8 120	7 980	8 916	9 845	10 901	12 306	13 409	13 607	13 739	15 712
Israel (e)	300	300	300	300	300	300	300	300	300	300
Jordan (e)	150	150	150	150	150	150	150	150	150	150
Oman (e)					200	300	500	1 500	2 000	2 000
Qatar	1 147	1 406	1 448	1 970	2 038	2 145	2 236	3 019	2 593	2 521
Saudi Arabia	4 644	4 667	4 690	5 015	5 275	5 203	5 471	6 291	5 229	5 461
Syria (e)	70	70	70	70	70	10	10	5	5	5
United Arab Emirates (e)	90	90	200	500	2 000	2 408	2 878	2 390	3 006	3 149
Middle East	14 521	14 662	15 774	17 850	20 934	22 822	24 954	27 262	27 022	29 298
Bangladesh (e)		50	70	78	85	87	84	90	100	100
China	58 429	63 413	55 765	66 315	70 946	64 796	48 444	54 337	47 457	50 928
India (e)	31 181	35 223	40 133	45 060	49 474	52 350	46 391	50 211	50 810	54 737
Indonesia	4 160	3 915	3 501	3 664	3 621	2 254	2 644	4 428	4 854	4 746
Japan	30 961	29 501	19 197	23 843	24 858	24 925	24 915	25 679	24 053	23 262
South Korea	23 956	23 398	20 905	24 801	26 377	25 955	25 768	24 197	21 171	21 055
Malaysia	6 895	6 423	5 354	5 694	5 941	5 612	4 693	4 316	3 784	2 764
Mongolia (e)	35	35	35	35	35	35	40	45	45	50
Myanmar (e)	25	25	25	25	25	25	30	35	35	35
Pakistan (e)	100	100	580	1 000	1 240	1 430	1 680	2 280	2 710	3 553
Philippines	718	711	824	1 050	1 200	1 260	1 308	1 196	968	1 075
Singapore	640	764	664	728	752	688	434	540	501	520
Sri Lanka (e)	30	30	30	30	30	30	30	30	30	30
Taiwan, China	10 019	9 795	7 664	9 358	9 880	9 572	9 799	9 577	8 064	7 782
Thailand	5 565	5 211	3 646	4 145	4 238	3 328	3 579	4 095	3 718	3 825
Viet Nam	2 024	2 250	2 700	4 314	4 900	5 298	4 653	4 385	3 381	4 687
Asia	174 738	180 844	161 092	190 140	203 601	197 644	174 491	185 440	171 681	179 150
Australia	1 520	1 467	919	1 229	1 254	1 116	1 045	1 034	1 127	1 276
New Zealand	233	233	233	233	233	287	289	264	210	
Oceania	1 753	1 699	1 151	1 462	1 487	1 403	1 334	1 298	1 337	1 276
World	431 466	429 295	356 541	421 750	454 198	448 349	419 947	434 459	407 105	417 719

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

Table 8
(continued)

Production of Crude Steel in Electric Furnaces *

% total crude steel production

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	9.3	9.5	10.4	8.8	9.2	9.1	8.4	8.8	8.7	9.0
Belgium	33.2	30.6	41.6	35.1	34.6	36.4	33.2	32.4	33.7	30.7
Bulgaria	46.2	67.8	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
Czech Republic	9.4	9.9	7.4	8.1	8.2	7.3	7.1	6.6	6.8	5.6
Germany	30.9	31.9	34.7	30.2	32.1	32.3	31.6	30.4	29.6	29.9
Finland	29.6	28.7	27.6	31.4	32.2	38.8	37.0	33.2	34.2	32.9
France	38.7	40.3	40.2	36.3	38.8	39.1	35.0	34.1	34.4	33.9
Greece	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hungary	22.4	24.9	9.4	5.5	10.1	3.5	15.7	15.5	10.0	18.3
Italy	63.4	64.3	70.7	66.7	65.6	65.8	71.8	72.5	78.2	75.7
Latvia	0.0	0.0	0.0	0.0	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	2.2	2.2	1.2	1.9	2.5	2.0	2.0	1.8	1.5	1.3
Poland	41.7	46.3	54.6	50.0	49.6	49.4	44.7	40.8	42.2	43.2
Portugal	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Romania	30.4	33.6	35.2	46.5	51.0	48.3	38.7	41.6	32.8	31.9
Slovak Republic	7.8	8.5	5.5	7.4	9.0	8.6	7.5	7.7	7.1	6.3
Slovenia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Spain	77.9	78.2	78.5	76.5	75.2	74.9	70.5	70.5	68.3	66.6
Sweden	33.9	33.8	34.5	31.3	34.4	33.4	32.2	31.8	33.9	32.6
United Kingdom	21.2	22.5	21.0	24.7	26.7	21.4	16.4	16.1	17.0	19.4
European Union (28)	40.3	41.6	43.9	41.1	42.6	41.8	39.8	39.0	39.3	39.5
Albania (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bosnia-Herzegovina	100.0	62.5	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
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
Norway	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Switzerland (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Turkey	75.2	73.8	70.1	71.7	74.1	74.0	71.3	69.8	65.0	65.9
Other Europe	74.2	71.8	68.5	70.0	72.4	74.0	71.4	69.6	64.2	64.7
Azerbaijan (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Byelorussia	95.4	96.1	97.5	98.8	99.5	100.0	100.0	100.0	100.0	100.0
Kazakhstan	14.1	20.6	20.8	22.0	22.6	21.0	8.1	4.2	7.4	1.4
Moldova	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Russia	26.6	29.2	26.9	26.9	26.9	29.6	29.0	30.6	30.5	30.9
Ukraine	3.8	4.2	4.5	4.5	4.5	6.0	6.0	6.2	5.6	7.0
Uzbekistan	84.0	85.0	87.4	88.0	88.7	100.0	100.0	100.0	100.0	100.0
C.I.S.	20.6	23.2	22.4	22.1	22.0	24.8	23.6	25.9	26.5	26.1
Canada	40.7	40.0	42.6	41.2	42.0	42.2	44.8	39.3	46.2	44.6
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	74.1	70.9	69.3	69.4	72.0	72.4	70.6	70.0	72.7	73.9
Trinidad and Tobago	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
United States	58.1	57.4	61.8	61.3	60.3	59.1	60.6	62.6	62.7	67.0
North America	58.6	57.6	61.4	60.6	60.5	59.6	61.0	61.7	63.0	65.8

Table 8
(continued)

Production of Crude Steel in Electric Furnaces *

% total crude steel production

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	51.9	52.1	45.9	49.3	49.3	55.7	51.2	49.9	43.9	43.3
Brazil	23.9	23.5	24.0	23.7	23.4	23.4	25.1	23.2	20.2	21.1
Chile	27.3	23.5	26.0	36.0	26.3	29.0	34.6	35.4	30.5	29.3
Colombia	72.7	70.7	70.6	71.8	76.6	73.5	73.9	75.4	80.1	80.8
Ecuador	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Peru	63.2	65.9	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	37.2	36.0	37.4	34.4	34.9	34.8	35.9	33.8	30.7	30.1
D.R. Congo (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Egypt	83.9	85.5	84.8	91.0	91.6	92.0	92.0	92.1	89.5	88.6
Ghana (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kenya (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
Nigeria (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
South Africa	50.3	45.4	47.2	42.7	47.1	43.7	40.4	43.5	39.1	37.8
Tunisia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Uganda (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Africa	63.4	64.5	65.0	66.1	67.6	67.4	67.2	69.4	62.5	61.4
Iran	80.8	80.1	81.7	82.1	82.6	85.1	86.9	83.3	85.1	87.8
Israel (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Jordan (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oman (e)					100.0	100.0	100.0	100.0	100.0	100.0
Qatar	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Saudi Arabia	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
United Arab Emirates (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Middle East	88.3	88.1	88.8	89.2	90.1	91.4	92.5	90.9	91.8	93.1
Bangladesh (e)		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
China	11.9	12.4	9.7	10.4	10.1	8.9	5.9	6.6	5.9	6.3
India (e)	58.3	60.9	63.2	65.3	67.3	67.8	57.1	57.5	57.1	57.3
Indonesia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Japan	25.8	24.8	21.9	21.8	23.1	23.2	22.5	23.2	22.9	22.2
South Korea	46.5	43.6	43.0	42.1	38.5	37.6	39.0	33.8	30.4	30.7
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
Myanmar (e)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pakistan (e)	9.2	10.0	48.3	71.4	77.9	87.7	91.1	94.1	93.7	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
Taiwan, China	47.9	49.3	48.5	47.4	49.0	46.3	44.0	41.4	37.7	35.8
Thailand	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Viet Nam	100.0	100.0	100.0	100.0	100.0	100.0	85.0	75.0	59.9	60.0
Asia	23.0	23.1	19.8	20.7	20.5	19.2	15.5	16.3	15.4	15.9
Australia	19.2	19.2	17.5	16.9	19.6	22.8	22.3	22.4	22.9	24.3
New Zealand	27.5	29.1	30.4	27.3	27.6	31.4	32.1	30.8	26.5	0.0
Oceania	20.0	20.2	19.1	17.9	20.5	24.2	23.9	23.8	23.4	21.9
World	32.0	32.0	28.8	29.4	29.5	28.7	25.4	26.0	25.1	25.7

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

Table 9

Production of Crude Steel in Open Hearth Furnaces *

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Latvia	696	635	692	655						
European Union (28)	696	635	692	655						
Byelorussia	110	100	60	30	14					
Russia (e)	11 887	11 627	5 856	6 530	6 700	3 610	2 744	1 981	1 671	1 670 e
Ukraine(e)	19 189	15 319	7 838	8 730	9 250	7 035	6 536	5 563	5 181	5 570 e
Uzbekistan	103	94	90	85	85					
C.I.S.	31 289	27 140	13 844	15 375	16 049	10 645	9 281	7 543	6 853	7 240
India (e)	476	417	394	416	367	250	135	35		
Asia	476	417	394	416	367	250	135	35		
World	32 461	28 192	14 930	16 446	16 416	10 895	9 416	7 578	6 853	7 240

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

Table 9
(continued)

Production of Crude Steel in Open Hearth Furnaces *
% total crude steel production

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Latvia	100.0	100.0	100.0	100.0						
European Union (28)	0.3	0.3	0.5	0.4						
Byelorussia	4.6	3.9	2.5	1.2	0.5					
Russia (e)	16.4	17.0	9.8	9.8	9.7	5.1	4.0	2.8	2.4	2.4 e
Ukraine(e)	44.8	41.1	26.3	26.1	26.2	21.3	19.9	20.5	22.6	23.0 e
Uzbekistan	16.0	13.8	12.6	11.9	11.6					
C.I.S.	25.2	23.7	14.2	14.2	14.2	9.6	8.6	7.1	6.7	7.1
India (e)	0.9	0.7	0.6	0.6	0.5	0.3	0.2	0.0		
Asia	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
World	2.4	2.1	1.2	1.1	1.1	0.7	0.6	0.5	0.4	0.4

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

Table 10

Monthly Crude Steel Production

2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	664	642	622	537	632	660	618	583	562	635	637	645	7 438
Belgium	639	638	674	606	706	633	597	607	613	716	616	641	7 687
Bulgaria	34	40	43	46	51	51	41	38	38	44	50	52	527
Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	413	432	468	440	485	458	437	467	438	399	437	432	5 305
Finland	342	334	366	329	361	348	320	326	352	380	296	347	4 101
France	1 332	1 317	1 128	966	1 173	1 308	1 131	983	1 281	1 337	1 314	1 143	14 413
Germany	3 604	3 367	3 811	3 555	3 856	3 666	3 393	3 513	3 246	3 506	3 334	3 228	42 080
Greece	63	94	117	96	102	105	111	46	119	105	116	84	1 158
Hungary	74	76	87	92	96	91	130	139	113	131	114	131	1 274
Italy	1 818	1 949	2 038	2 101	2 199	2 048	2 085	1 089	2 008	2 145	2 114	1 778	23 373
Luxembourg	185	185	195	197	191	200	193	127	191	186	201	126	2 175
Netherlands	584	589	623	503	589	549	596	641	536	604	578	524	6 917
Poland	709	803	795	747	660	691	649	771	753	805	785	834	9 001
Slovak Republic	375	328	415	399	408	422	410	431	400	446	414	361	4 808
Slovenia	54	50	55	56	55	53	49	48	51	56	50	38	613
Spain	1 182	1 139	1 194	1 228	1 280	1 167	925	1 081	1 221	1 166	1 089	943	13 616
Sweden	376	385	393	410	414	403	326	377	407	360	370	396	4 617
United Kingdom	621	591	633	694	749	565	693	509	706	736	535	728	7 635
Other E.U. (28) (e)	394	399	428	470	463	429	435	364	434	505	500	453	5 286
European Union (28)	13 462	13 356	14 085	13 473	14 472	13 846	13 140	12 139	13 470	14 262	13 550	12 883	162 024
Bosnia-Herzegovina	75	61	69	69	72	74	74	74	52	48	66	70	806
Macedonia	27			35		26	14		17	17	14	19	169
Norway	50	49	53	51	57	62	15	62	58	53	57	42	620
Serbia	35	72	75	72	101	117	117	116	107	103	117	140	1 173
Turkey	2 598	2 370	2 729	2 842	2 996	2 822	2 617	2 809	2 655	2 975	2 912	2 838	33 163
Other Europe	2 785	2 552	2 926	3 069	3 226	3 100	2 836	3 061	2 889	3 197	3 167	3 110	35 931
Byelorussia	152	151	164	168	213	217	189	185	184	212	193	160	2 188
Kazakhstan	348	289	344	335	389	367	380	371	359	357	377	373	4 289
Moldova					30	25		16		12	30	13	126
Russia	5 514	5 571	6 066	5 920	6 021	5 772	6 052	5 871	5 666	5 899	5 911	6 190	70 453
Ukraine	1 938	1 971	2 205	2 201	2 268	1 831	2 078	1 905	1 860	2 004	1 945	2 012	24 218
Uzbekistan	44	57	61	56	62	62	63	61	48	51	44	45	654
C.I.S.	7 996	8 039	8 840	8 680	8 983	8 274	8 762	8 409	8 117	8 535	8 500	8 793	101 928

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Canada	1 138	1 069	1 121	1 093	1 077	1 096	1 082	1 011	1 000	957	996	1 004	12 646
Cuba	18	13	28	20	20	20	20	22	20	20	21	21	244
El Salvador	8	8	9	8	9	9	8	8	8	8	8	8	100
Guatemala	27	28	28	25	27	27	24	26	25	26	26	25	314
Mexico	1 394	1 431	1 350	1 537	1 647	1 670	1 694	1 649	1 692	1 695	1 652	1 512	18 824
Trinidad and Tobago	36												36
United States	6 456	6 424	6 770	6 601	6 979	6 824	6 697	6 648	6 187	6 228	6 185	6 475	78 475
North America	9 078	8 973	9 306	9 285	9 759	9 645	9 526	9 365	8 833	8 935	8 887	9 045	110 638
Argentina	329	339	318	319	379	372	356	343	322	377	359	313	4 126
Brazil	2 496	2 433	2 506	2 300	2 590	2 546	2 804	2 921	2 750	2 932	2 628	2 368	31 275
Chile	102	99	105	92	103	93	98	97	84	95	93	91	1 153
Colombia	98	120	115	91	107	111	86	124	116	104	104	97	1 272
Ecuador	47	49	50	49	49	45	48	49	48	48	48	48	576
Paraguay	1	3	4	3	3	4	3	3	2	3	3	3	35
Peru	61	91	100	103	99	97	106	109	90	107	103	102	1 168
Uruguay	1	7	7	4	5	6	5	5	4	5	6	5	61
Venezuela	55	22	10	13	16	26	48	55	75	98	58	78	553
South America	3 191	3 162	3 214	2 974	3 350	3 301	3 556	3 707	3 491	3 767	3 401	3 105	40 220
Egypt	387	346	424	362	386	377	448	433	475	445	428	536	5 036
Libya	76	52	43	56	48	29	27	31	15	19	45	50	492
Morocco	22	45	41	33	49	45	45 e	45 e	45 e	50 e	50 e	50 e	520
South Africa	526 e	479 e	538 e	541 e	581 e	545 e	526 e	446 e	510 e	534 e	500 e	416 e	6 141
Africa	1 010	922	1 046	993	1 063	996	1 047	954	1 044	1 049	1 023	1 053	12 189
Iran	1 365	1 360	1 336	1 509	1 645	1 534	1 351	1 520	1 588	1 594	1 570	1 521	17 895
Qatar	199	206	243	211	235	178	218	232	225	187	171	216	2 521
Saudi Arabia (1)	416	402	432	427	477	507	477	483	461	438	496	445	5 461
United Arab Emirates	281	255	269	241	223	213	281	266	192	300	303	325	3 149
Middle East	2 262	2 224	2 280	2 387	2 579	2 433	2 327	2 502	2 466	2 519	2 540	2 507	29 025
China	63 214	58 469	70 701	69 393	70 971	69 299	67 127	68 618	68 200	68 228	64 723	65 860	807 609
India	7 501	7 451	8 316	7 734	7 981	7 943	8 067	8 020	7 863	8 197	8 017	8 385	95 477
Japan	9 003	8 345	8 726	8 500	8 940	8 769	8 971	8 909	8 454	9 060	8 619	8 714	104 775
South Korea	5 680	5 089	5 734	5 643	5 821	5 482	6 019	5 869	5 717	5 962	5 701	5 860	68 576
Pakistan	250	382	349	257	260	250	273	290	280	285	335	342	3 553
Taiwan, China	1 790	1 658	1 807	1 808	1 876	1 828	1 858	1 835	1 691	1 917	1 750	1 932	21 751
Thailand	304	316	329	331	358	289	287	310	324	344	302	329	3 825
Vietnam (2)	407	290	392	410	384	473	443	434	497	468	467	491	7 811
Asia	88 148	81 999	96 354	94 076	96 591	94 333	93 045	94 286	93 027	94 461	89 913	91 912	1 113 378
Australia	418	316	442	369	386	535	477	451	477	482	458	448	5 259
New Zealand	48	39	42	48	50	46	49	56	50	31	55	64	577
Oceania	466	355	484	417	436	581	526	507	527	513	513	512	5 837
Total 67 countries *	128 398	121 581	138 535	135 344	140 460	136 508	134 764	134 931	133 865	137 237	131 494	132 920	1 611 169

* - Approximately 99% of total world production.

(1) - HADEED only.

(2) partial data, approximately 65% of total.

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

Table 11

Production of Hot Rolled Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	6 816	6 850	5 394	6 619	6 875	6 900	7 377	7 148	7 601	7 594
Belgium	11 450	11 792	7 172	9 649	10 012	8 917	8 293	8 392	8 938	8 735
Bulgaria	1 833	1 943	947	896	1 115	818	875	935	840	921
Croatia	65	89	76	81	69	15	16	17	16	17
Czech Republic	5 665	5 285	3 955	4 625	4 616	4 276	4 416	4 375	4 459	4 657
Denmark (e)	616	591	313	470	540	360	480	490	550	600 e
Germany	43 823	41 508	29 990	38 103	39 286	37 843	37 687	37 713	37 562	37 602
Finland (e)	3 691	3 674	2 537	3 380	3 380	3 355	3 195	3 440	3 560	3 660 e
France	4 061	2 759	3 222	3 235	3 486	13 529	14 716	15 464	14 994	14 319
Greece (e)	2 611	2 370	1 855	1 635	1 790	1 155	985	965	875	1 100 e
Hungary	2 138	2 220	1 452	1 594	1 765	1 928	1 936	1 823	1 714	1 593
Italy	32 935	31 521	20 743	25 359	27 978	26 309	23 553	23 150	21 730	23 205
Latvia (e)	696	635	692	650	570	810	814	150	200	... e
Luxembourg	3 214	2 910	2 418	2 737	2 220	2 136	2 015	2 124	2 034	2 056
Netherlands	6 177	5 839	4 997	6 274	6 401	6 418	6 370	6 657	6 814	6 465
Poland	8 222	7 807	6 358	7 050	7 844	7 789	7 514	7 650	7 953	8 229
Portugal (e)	1 274	1 274	1 483	1 330	1 765	1 870	1 910	1 860	1 835	1 815 e
Romania (e)	5 730	4 652	2 862	3 580	3 900	3 080	2 750	2 950	3 200	3 120 e
Slovak Republic (e)	4 357	4 001	3 395	3 726	3 468	3 600	3 660	4 607	4 300	4 550 e
Slovenia (e)	554	560	355	492	530	510	500	500	500	510 e
Spain	19 049	18 444	14 406	15 511	15 251	13 166	12 954	13 529	13 781	13 181 e
Sweden (e)	5 624	5 276	2 956	4 100	4 125	3 420	3 500	3 800	3 790	4 000 e
United Kingdom	10 182	9 517	7 135	8 395	7 963	7 042	8 031	8 087	7 953	6 683
European Union (28)	180 783	171 518	124 712	149 490	154 948	155 247	153 548	155 824	155 197	154 612
Albania (e)	320	245	280	236	295	355	480	435	475	400 e
Bosnia-Herzegovina	577	551	435	475	548	565	592	605	650	690
Montenegro (e)	155	145	120	120	125	110	65	135	140	100 e
Norway (e)	625	570	470	405	450	465	450	475	480	500 e
Serbia	1 745	1 725	1 225	1 380	1 225	155	130	315	820	1 000 e
Turkey (e)	20 900	22 000	20 700	21 700	26 400	28 305	30 070	29 830	30 500	32 100 e
Other Europe	24 322	25 236	23 230	24 315	29 043	29 955	31 787	31 795	33 065	34 790
Byelorussia	2 388	2 334	2 296	1 567	1 685	1 898	1 818	1 855	1 878	1 891
Kazakhstan	3 609	2 885	3 098	3 033	3 355	2 689	2 803	3 173	3 474	3 638
Moldova	884	817	441	231	307	360	190	365	460	130 e
Russia	59 375	56 313	50 840	42 959	45 351	46 653	46 966	48 653	48 106	48 385
Ukraine	26 490	20 470	14 900	17 799	19 807	18 577	17 594	14 942	12 370	13 300
Uzbekistan	633	660	700	700	720	725	735	785	850	860 e
C.I.S.	93 378	83 478	72 275	66 289	71 224	70 902	70 106	69 773	67 138	68 204
Canada	14 777	14 906	8 685	12 365	12 080	12 321	12 192	11 984	11 954	11 977
Costa Rica	213	293	280	287	308	372	447	460	474	382
Cuba	117	124	120	108	118	126	150	105	126	130
Dominican Republic	260	292	268	273	272	395	406	516	425	385
El Salvador	121	126	69	78	97	78	81	83	85	97
Guatemala	301	306	288	345	376	449	557	574	591	474
Mexico	14 983	14 174	12 994	14 809	15 793	16 269	16 357	17 742	17 573	18 697
Trinidad and Tobago	531	272	238	361	427	398	297	300	413	25
United States	96 551	89 354	56 396	75 699	83 339	87 043	86 567	89 130	78 514	78 393
North America	127 855	119 848	79 338	104 325	112 811	117 452	117 053	120 894	110 156	110 559

Table 11
(continued)

Production of Hot Rolled Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	5 173	5 210	3 749	5 046	5 386	4 952	5 144	5 021	4 572	3 984
Brazil	25 850	24 693	20 223	25 401	25 240	25 696	26 263	24 916	23 029	20 920
Chile	1 538	1 517	1 279	1 473	1 514	1 594	1 289	1 017	1 035	1 081
Colombia	1 598	1 452	1 466	1 621	1 780	1 726	1 651	1 795	1 860	1 772
Ecuador	496	560	442	546	489	559	691	707	761	682
Paraguay	46	49	42	44	27	22	23	23	24	19
Peru	829	929	871	1 046	913	1 205	1 358	1 434	1 335	1 417
Uruguay	60	84	55	59	72	74	76	79	81	75
Venezuela	3 916	3 676	3 204	2 054	2 658	2 065	1 948	1 357	1 261	530
South America	39 506	38 169	31 329	37 291	38 077	37 893	38 442	36 349	33 957	30 480
Algeria (e)	1 090	530	510	560	470	470	360	550	750	750 e
Egypt	6 687	6 766	6 352	7 939	6 588	7 265	7 438	8 137	7 676	8 001
Libya (e)	1 640	1 390	1 370	945	65	310	750	710	400	560 e
Morocco (e)	1 016	916	963	1 035	1 090	855	1 035	970	1 200	1 200 e
South Africa (e)	7 107	6 423	5 550	5 820	5 850	5 400	5 800	5 583	5 700	5 450 e
Tunisia (e)	420	380	400	500	395	370	440	440	490	400 e
Africa	17 960	16 406	15 145	16 799	14 458	14 670	15 823	16 390	16 216	16 361
Iran	9 285	8 809	9 880	15 395	16 813	17 261	16 656	16 482	15 133	15 473
Qatar	957	1 146	1 468	1 550	1 580	1 650	1 696	1 709	1 784	1 894
Saudi Arabia (e)	4 090	4 110	4 130	4 420	4 650	4 600	4 900	5 000	5 000	5 250 e
United Arab Emirates	600	1 460	1 170	1 580	1 950	2 156	2 549	2 765	2 959	3 126
Middle East	14 932	15 524	16 648	22 945	24 993	25 666	25 801	25 956	24 876	25 744
China (3)	566 074	613 795	693 405	802 014	885 195	950 651	1 077 477	1 125 574	1 112 424	1 039 860
China (4)	468 651	501 196	578 836	791 836	717 670	768 026	859 521	872 636	849 483	861 000
India (5)	55 912	56 977	59 355	66 120	74 521	80 198	85 277	92 470	89 927	99 312
Indonesia	5 310	5 198	5 092	5 212	5 448	5 418	5 116	6 475	6 168	6 552
Japan	108 203	106 082	76 686	97 765	95 666	94 807	96 965	97 882	93 020	92 636
South Korea	54 272	56 105	51 057	59 031	66 473	66 317	64 541	68 905	67 756	67 131
Malaysia	5 855	5 547	5 103	4 967	5 111	4 954	4 980	4 759	4 226	3 782
Philippines	1 782	1 819	1 977	2 133	2 420	2 653	3 020	3 273	4 013	4 346
Singapore	710	753	689	716	750	705	429	540	501	528
Taiwan, China	22 512	22 039	18 385	23 493	24 578	24 277	24 219	25 472	25 019	26 639
Thailand	7 877	7 615	6 955	7 483	6 936	6 721	6 978	7 030	6 366	7 978
Viet Nam	3 955	3 867	4 723	5 659	5 470	5 049	5 123	5 657	7 199	8 657
Asia	735 037	767 197	808 857	1 064 413	1 005 043	1 059 125	1 156 170	1 185 098	1 153 678	1 178 561
Australia	6 756	6 658	4 789	6 327	6 082	5 381	4 400	4 092	4 308	4 419
New Zealand (e)	800	750	710	810	800	845	830	780	750	550 e
Oceania	7 556	7 408	5 499	7 137	6 882	6 226	5 230	4 872	5 058	4 969
World	1 241 331	1 244 784	1 177 033	1 493 005	1 457 480	1 517 137	1 613 960	1 646 951	1 599 340	1 624 280

(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.

Table 12

Production of Hot Rolled Long Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	1 395	1 405	1 164	1 405	1 413	1 406	1 487	1 410	1 596	1 552
Belgium	1 240	1 071	845	845	962	872	796	792	798	594
Bulgaria	400	905	644	612	814	543	681	662	627	739
Croatia	65	89	76	81	69	15	16	17	16	17
Czech Republic	3 282	3 163	2 652	2 995	2 978	2 964	3 064	3 064	3 164	3 264
Denmark (1)	96	109	105	90	120	75	80	80	100	100 e
Germany	14 333	13 716	10 229	11 918	12 742	12 825	12 783	12 414	12 724	12 382
Finland (1)	621	624	427	535	535	535	510	550	565	580 e
France	1 136	974	908	1 036	1 058	4 307	4 447	4 616	4 426	4 133
Greece (1)	2 611	2 370	1 855	1 635	1 790	1 155	985	965	875	1 100 e
Hungary	463	449	127	78	101	48	133	167	134	223
Italy	17 322	16 665	11 179	12 161	12 888	11 815	11 454	11 311	11 194	11 649
Latvia (1)	696	635	692	650	570	810	814	150	200	... e
Luxembourg	3 214	2 910	2 418	2 737	2 220	2 136	2 015	2 124	2 034	2 056
Netherlands	214	198	112	216	204	165	170	178	163	165
Poland	4 919	4 779	4 083	4 544	5 042	4 689	4 457	4 708	4 943	5 254
Portugal (1)	1 274	1 274	1 483	1 330	1 765	1 870	1 910	1 860	1 835	1 815 e
Romania (1)	1 463	1 221	870	815	885	945	845	925	1 015	990 e
Slovenia (2)	202	194	92	159	190	170	165	165	165	170 e
Spain	12 547	12 378	10 297	10 151	10 170	9 365	8 613	8 924	9 052	8 742
Sweden (1)	679	618	346	775	785	650	665	720	720	760 e
United Kingdom	4 451	4 439	3 131	3 587	3 319	2 978	3 017	3 080	3 262	2 940
European Union (28)	72 624	70 186	53 735	58 357	60 619	60 341	59 107	58 882	59 607	59 226
Albania (e)	320	245	280	236	295	355	480	435	475	400 e
Bosnia-Herzegovina	577	551	435	475	548	565	592	605	650	690
Montenegro (e)	155	145	120	120	125	110	65	135	140	100 e
Norway (e)	625	570	470	405	450	465	450	475	480	500 e
Turkey (e)	14 900	15 700	14 700	15 500	18 800	20 205	21 465	21 295	20 800	21 900 e
Other Europe	16 577	17 211	16 005	16 735	20 218	21 700	23 052	22 945	22 545	23 590
Byelorussia	2 388	2 334	2 296	1 471	1 567	1 774	1 689	1 734	1 766	1 794
Kazakhstan	187	68	70	48	87	290	352	558	750	670
Moldova	884	817	441	231	307	360	190	365	460	130 e
Russia	21 600	20 500	18 500	15 326	16 842	17 435	17 725	18 387	17 106	17 567
Ukraine	16 600	12 830	9 340	7 825	8 169	8 204	7 953	6 449	5 640	5 918
Uzbekistan	633	660	700	700	720	725	735	785	850	860 e
C.I.S.	42 291	37 208	31 347	25 602	27 691	28 787	28 644	28 277	26 572	26 939
Canada	3 230	3 032	2 082	2 281	2 453	2 870	2 463	1 808	2 864	2 988
Costa Rica	213	293	280	287	308	372	447	460	474	382
Cuba	117	124	120	108	118	126	150	105	126	130
Dominican Republic	260	292	251	273	272	395	406	516	425	385
El Salvador	121	126	69	78	97	78	81	83	85	97
Guatemala	301	306	288	345	376	449	557	574	591	474
Mexico	7 075	6 930	6 468	6 762	7 415	7 763	7 745	8 084	8 301	8 742
Trinidad and Tobago	531	272	238	361	427	398	297	300	413	25
United States	28 139	27 082	16 081	20 346	21 358	23 306	23 188	24 150	21 489	20 978
North America	39 988	38 458	25 877	30 841	32 824	35 757	35 334	36 079	34 769	34 200
Argentina	1 607	1 743	1 260	1 611	1 795	1 755	1 841	1 725	1 656	1 333
Brazil	9 555	9 790	8 024	9 755	10 491	10 207	10 621	10 030	9 253	8 647
Chile	1 061	1 038	845	1 037	1 080	1 186	1 100	1 017	1 035	1 081
Colombia	1 169	1 023	1 066	1 186	1 351	1 291	1 297	1 394	1 420	1 326
Ecuador	496	560	442	546	489	559	691	707	761	682
Paraguay	46	49	42	44	27	22	23	23	24	19
Peru	772	870	860	1 032	885	1 152	1 304	1 393	1 291	1 360
Uruguay	60	84	55	59	72	74	76	79	81	75
Venezuela	1 556	1 378	1 436	968	1 220	1 108	1 030	726	504	305
South America	16 324	16 535	14 029	16 238	17 411	17 353	17 982	17 095	16 025	14 827

Table 12
(continued) **Production of Hot Rolled Long Products**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Algeria (e)	470	230	220	240	200	200	160	250	250	250 e
Egypt	4 626	5 037	5 200	6 302	5 426	6 229	6 372	7 288	6 986	6 975
Libya (e)	1 150	970	960	550	40	180	435	410	200	280 e
Morocco (e)	1 016	916	963	1 035	1 090	855	1 035	970	1 305	1 315 e
South Africa (1)	2 954	2 713	2 240	2 350	2 360	2 200	2 300	2 200	2 300	2 200 e
Tunisia (e)	420	380	400	500	395	370	440	440	490	400 e
Africa	10 636	10 246	9 983	10 977	9 511	10 034	10 742	11 558	11 531	11 420
Iran	5 183	4 994	5 136	8 460	8 988	8 785	8 406	8 206	7 261	7 662
Qatar	957	1 146	1 468	1 550	1 580	1 650	1 696	1 709	1 784	1 894
Saudi Arabia (e)	2 690	2 580	2 470	2 630	2 750	2 700	2 900	3 000	3 000	3 150 e
United Arab Emirates	600	1 460	1 170	1 580	1 950	2 156	2 549	2 765	2 959	3 126
Middle East	9 430	10 179	10 243	14 220	15 268	15 291	15 552	15 680	15 003	15 832
China	271 348	276 115	335 361	368 365	417 284	458 400	517 973	523 879	498 647	487 000
India	24 348	27 764	28 268	31 708	31 452	35 179	38 255	43 581	44 330	46 160 e
Indonesia	2 762	2 703	2 663	2 804	2 819	2 716	2 718	2 885	3 196	3 031
Japan	36 672	34 671	23 438	28 405	29 309	28 924	30 301	30 428	28 842	28 243
South Korea	20 393	19 983	18 705	18 416	19 658	19 767	20 060	20 318	20 228	20 383
Malaysia	3 520	3 667	3 694	3 601	3 591	3 769	3 730	3 892	3 340	3 484
Philippines	1 490	1 598	1 875	2 133	2 420	2 653	3 020	3 273	4 013	4 346
Singapore	710	753	689	716	750	705	429	540	501	528
Taiwan, China	10 350	10 006	7 961	10 457	11 423	10 535	10 628	11 157	10 347	9 754
Thailand	3 932	4 250	3 604	3 663	3 653	3 763	4 093	4 326	4 024	5 301
Viet Nam	3 955	3 867	4 723	5 659	5 470	5 049	5 123	5 657	7 199	8 657
Asia	379 480	385 377	430 980	475 926	527 829	571 460	636 329	649 935	624 667	616 889
Australia	2 358	2 350	1 768	1 927	2 023	2 017	1 850	1 679	1 680	1 680
New Zealand (e)	116	116	116	116	116	143	144	132	120	90 e
Oceania	2 474	2 466	1 884	2 043	2 139	2 160	1 994	1 811	1 800	1 770
World	589 824	587 867	594 083	650 939	713 511	762 883	828 736	842 264	812 520	804 694

(1) - estimated 2010-16.

(2) - estimated 2012-16.

Table 13

Production of Hot Rolled Flat Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	4 975	5 068	3 895	4 842	4 967	5 026	5 422	5 270	5 623	5 680
Belgium	10 210	10 722	6 327	8 804	9 050	8 044	7 498	7 600	8 140	8 141
Bulgaria	1 433	1 038	303	284	301	275	194	273	213	182
Czech Republic	1 927	1 702	1 051	1 281	1 254	945	996	914	985	1 118
Denmark (1)	520	483	208	380	420	285	400	410	450	500 e
Germany	27 666	26 089	18 812	24 909	25 191	23 670	23 598	24 035	23 827	24 175
Finland (1)	3 070	3 050	2 109	2 845	2 845	2 820	2 685	2 890	2 995	3 080 e
France	2 702	1 785	2 314	2 199	2 221	9 222	10 269	10 848	10 568	10 186
Hungary	1 676	1 771	1 324	1 516	1 664	1 880	1 803	1 656	1 580	1 370
Italy	14 761	13 980	9 084	12 610	14 418	14 494	12 099	11 839	10 536	11 555
Netherlands	5 939	5 616	4 885	6 058	6 197	6 253	6 200	6 478	6 651	6 300
Poland	3 087	2 836	2 131	2 349	2 635	2 929	2 908	2 805	2 888	2 859
Romania (1)	3 662	2 869	1 674	2 325	2 535	1 755	1 565	1 720	1 885	1 840 e
Slovak Republic (1)	4 189	3 833	3 275	3 570	3 300	3 430	3 510	4 457	4 150	4 400
Slovenia (2)	352	366	263	333	340	350	335	335	335	340 e
Spain	6 202	5 754	3 952	5 108	4 805	3 801	4 341	4 605	4 728	4 438
Sweden (1)	4 813	4 526	2 539	3 220	3 230	2 670	2 735	2 980	2 970	3 140 e
United Kingdom	5 719	5 078	4 004	4 807	4 643	4 064	5 014	5 007	4 691	3 743
European Union (28)	102 902	96 565	68 151	87 440	90 016	91 913	91 571	94 122	93 215	93 047
Kazakhstan	3 421	2 784	2 953	2 857	3 119	2 299	2 295	2 439	2 541	2 806
Russia	35 200	33 200	29 700	24 975	25 591	26 066	26 140	26 898	27 590	27 256
Ukraine	8 460	6 530	4 750	9 193	10 762	9 486	8 929	7 868	6 314	6 845
C.I.S.	47 081	42 514	37 403	37 024	39 473	37 851	37 364	37 205	36 445	36 907
Canada	10 579	10 597	6 193	8 358	8 614	8 901	9 078	9 882	8 983	8 935
Mexico	7 488	6 564	5 938	7 368	7 602	7 617	7 627	8 594	8 533	9 154
United States	66 205	61 153	39 514	54 426	61 171	62 787	62 407	63 866	56 335	56 981
North America	84 272	78 314	51 645	70 152	77 387	79 306	79 112	82 342	73 851	75 070
Argentina	2 727	2 554	1 986	2 656	2 742	2 349	2 611	2 546	2 370	2 274
Brazil	15 691	14 332	11 852	15 163	14 265	14 897	15 013	14 229	13 388	12 273
Chile	476	479	434	436	433	408	189	0	...	...
Colombia	428	429	400	436	429	435	354	401	440	447
Peru	57	59	11	14	28	53	54	40	44	57
Venezuela	2 302	2 252	1 764	1 086	1 438	957	918	630	756	225
South America	21 682	20 105	16 447	19 791	19 334	19 099	19 139	17 847	16 999	15 276
Egypt	2 061	1 729	1 152	1 637	1 162	1 036	1 066	849	689	1 026
South Africa (1)	4 153	3 710	3 310	3 470	3 490	3 200	3 500	3 380	3 400	3 250 e
Africa	6 214	5 439	4 462	5 107	4 652	4 236	4 566	4 229	4 089	4 276
Iran	4 102	3 815	4 744	6 935	7 824	8 476	8 250	8 276	7 872	7 811
Middle East	4 102	3 815	4 744	6 935	7 824	8 476	8 250	8 276	7 872	7 811
China	178 629	201 254	221 685	262 621	276 636	285 545	311 564	317 387	322 259	345 000
India	27 368	26 821	28 172	30 026	32 769	39 676	47 023	48 889	45 596	51 560 e
Indonesia	2 548	2 495	2 430	2 407	2 629	2 701	2 398	3 590	2 972	3 521
Japan	69 386	69 171	51 822	67 348	64 188	63 759	64 638	65 395	62 690	62 984
South Korea	33 879	36 122	32 352	40 615	46 815	46 551	44 482	48 587	47 528	46 748
Malaysia	2 335	1 880	1 409	1 366	1 520	1 185	1 250	867	887	297
Philippines	292	221	102							
Taiwan, China	12 161	12 033	10 424	13 036	13 154	13 742	13 591	14 315	14 671	16 884
Thailand	3 944	3 365	3 351	3 820	3 283	2 958	2 886	2 704	2 343	2 676
Asia	330 543	353 362	351 747	421 240	440 995	456 117	487 831	501 734	498 946	529 671
Australia	4 398	4 308	3 021	4 399	4 059	3 364	2 549	2 413	2 628	2 739
New Zealand (e)	680	630	590	690	680	695	680	650	630	460 e
Oceania	5 078	4 938	3 611	5 089	4 739	4 059	3 229	3 063	3 258	3 199
World	601 874	605 053	538 210	652 778	684 420	701 058	731 062	748 817	734 675	765 257

(1) - estimated 2010-16.

(2) - estimated 2012-16.

Table 14

Production of Railway Track Material

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	424	470	421	516	493	541	541	502	606	552
Bulgaria	...	19	...	...	...	...	...	...	...	...
Czech Republic	267	288	253	281	290	287	290	314	306	240
Germany	310	314	241	274	145	264	268	7	11	8
France	351	342	311	275	270	256	290	338	373	330
Italy	323	327	258	329	298	...	...	...	...	...
Luxembourg	46	89	46	42	47	44	44	47	48	50
Poland	236	138	171	258	278	158	171	309	357	349
Romania	0	...	...	...	...	...	...	...	...	...
Spain	254	304	295	235	175	178	217	276	290	180
United Kingdom	139	218	177	161	192	176	214	245	273	191
European Union (28)	2 352	2 509	2 174	2 372	2 188	1 904	2 035	2 037	2 263	1 901
Russia	...	...	...	924	924	693	882	858	789	1 237
Ukraine	...	...	...	224	299	349	315	109	41	73
C.I.S.	...	...	...	1 148	1 223	1 042	1 197	967	830	1 310
Canada	...	...	...	...	...	399	...	...	...	...
United States	993	1 076	902	902	1 034	1 010	1 087	1 178	1 171	851
North America	993	1 076	902	902	1 034	1 409	1 087	1 178	1 171	851
South Africa	48	28	...	...	...	...	...	...	...	...
Africa	48	28	...	...	...	...	...	...	...	...
China	3 169	4 682	6 005	5 645	4 429	5 161	6 053	5 653	4 838	...
India	1 090	1 151	1 132	1 040	902	993	891	850	874	990
Japan	498	529	557	630	553	527	617	837	813	761
South Korea	80	86	201	104	97	66	67	65	70	72
Taiwan, China	4	3	4	4	5	6	5	5	4	3
Asia	4 841	6 452	7 900	7 423	5 986	6 753	7 633	7 411	6 599	1 825
Australia	86	219	105	124	223	166	108	89	89	90
Oceania	86	219	105	124	223	166	108	89	89	90
World	8 320	10 283	11 080	11 969	10 653	11 273	12 060	11 681	10 952	5 977

Table 15

Production of Heavy Sections (≥80mm)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Belgium	116	118	97	70	57	...	...	...	...	...
Czech Republic	484	476	366	426	360	283	275	330	341	368
Germany	2 673	2 555	1 637	1 936	2 082	2 332	2 115	2 087	1 998	1 939
Italy	1 547	1 524	900	850	912	883	836	796	705	786
Luxembourg	1 850	1 785	1 447	1 807	1 853	2 007	1 882	1 984	1 909	1 932
Poland	1 698	1 542	1 086	1 243	1 371	1 431	1 243	1 250	1 267	1 360
Romania	225	142	84	122	...	...	...	...	...	...
Spain	2 915	2 585	2 180	2 790	2 950	2 605	2 477	2 272	2 556	2 626
United Kingdom	965	851	574	656	501	425	487	546	671	846
European Union (28)	12 472	11 578	8 372	9 901	10 085	9 967	9 315	9 265	9 448	9 858
Kazakhstan	...	...	0	7	...	...	...	...	...	...
Russia	...	...	...	1 502	1 736	1 774	1 693	1 739	1 601	1 589
Ukraine	...	...	...	842	987	944	983	731	605	596
C.I.S.	...	...	0	2 351	2 723	2 718	2 676	2 470	2 206	2 185
Canada	347	313	147	173	183	199	263	183	192	207
Costa Rica	1	1	2	...	...	...	...	...	...	...
Mexico	466	417	326	360	370	465	455	583	652	866
United States	7 446	6 501	3 763	4 701	5 184	5 031	5 577	5 571	5 299	5 717
North America	8 260	7 232	4 237	5 234	5 737	5 695	6 295	6 337	6 143	6 790
Argentina	...	...	...	19	25	53	50	49	113	...
Brazil	697	725	428	568	735	788	819	715	635	...
Colombia	21	5	6	9	4	1	3	2	1	...
Peru	4	3	1	1	6	4	3	...	3	...
Venezuela	93	95	76	59	66	71	69	45	...	...
South America	815	828	511	655	836	917	944	811	753	...
South Africa	494	509	...	...	...	...	...	...	...	...
Africa	494	509	...	...	...	...	...	...	...	...
Iran	1 910	1 704	1 846	2 230	2 223	2 087	1 948	1 788	1 286	974
Middle East	1 910	1 704	1 846	2 230	2 223	2 087	1 948	1 788	1 286	974
China	10 354	10 255	9 643	9 771	11 099	11 630	13 242	13 495	14 357	...
India	4 977	5 312	5 260	5 659	4 757	5 091	6 604	7 157	7 558	7 590
Japan	7 611	7 213	4 777	5 209	5 474	5 771	6 265	6 073	5 782	5 643
South Korea	4 623	4 320	3 842	3 830	4 255	4 380	4 248	4 218	4 140	4 045
Asia	27 565	27 099	23 521	24 468	25 585	26 872	30 359	30 943	31 837	17 278
World	51 516	48 950	38 487	44 839	47 189	48 256	51 538	51 614	51 673	37 085

Table 16

Production of Light Sections (<80mm)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Czech Republic	93	128	100	146	115	132	143	148	159	133
Germany	527	477	271	436	373	120	122	127	130	110
Romania	172	133	116	210	...	...	...	...	...	...
European Union (28)	792	739	487	792	488	252	265	275	289	243
Kazakhstan	...	...	1	...	...	4	20	...	...	...
Russia	...	...	...	1 460	1 642	1 601	1 550	1 484	1 172	1 207
Ukraine	...	...	...	839	902	1 022	778	560	500	435
C.I.S.	...	...	1	2 299	2 544	2 626	2 348	2 044	1 672	1 642
Canada	229	207	109	135	153	144	121	131	129	144
Cuba	4	...	...	...	...	...	...	...	...	...
Mexico	426	459	372	400	367	333	393	412	498	456
United States	1 799	1 595	1 087	1 763	1 872	2 125	1 765	1 870	1 767	1 835
North America	2 458	2 261	1 568	2 298	2 392	2 602	2 279	2 414	2 395	2 435
Argentina	156	122	107	209	295	180	191	184	144	...
Brazil	457	444	292	422	439	421	402	412	340	...
Chile	92	80	61	71	74	81	...	70	71	...
Colombia	146	109	103	113	110	89	72	85	74	...
Ecuador	35	43	34	43	38	43	53	54	58	...
Peru	78	80	56	129	44	81	100	85	99	...
Uruguay	4	7	3	3	3	3	...	...	...	...
Venezuela	45	54	43	36	32	37	36	27	...	...
South America	1 014	939	698	1 026	1 034	935	854	917	786	...
South Africa	304	304	...	...	...	...	...	...	...	...
Africa	304	304	...	...	...	...	...	...	...	...
Iran	17	21	31	620	721	864	664	663	664	345
Middle East	17	21	31	620	721	864	664	663	664	345
China	29 270	29 455	36 965	39 661	41 407	42 710	56 935	56 200	56 604	...
Japan	1 479	1 310	893	1 016	1 078	1 064	1 112	1 128	1 060	1 008
South Korea	437	400	394	419	442	389	361	381	296	275
Asia	31 186	31 164	38 252	41 096	42 927	44 163	58 408	57 709	57 960	1 283
World	35 771	35 428	41 036	48 131	50 106	51 442	64 817	64 022	63 765	5 947

Table 17

Production of Concrete Reinforcing Bars

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	305	316	322	265	298	305	319	289	294	290
Bulgaria	...	341	285	...	383	490	589	584	545	721
Croatia	65	89	76	81	69	15	16	17	24	...
Czech Republic	429	379	352	177	189	173	130	134	144	178
Germany	2 129	2 274	1 923	1 721	1 771	1 934	1 945	1 868	1 996	1 889
France	868	917	792	729	852	942	850	884	882	846
Greece	2 156	1 855	1 508	...	...	...	...	...	...	...
Hungary	255	241	96	65	96	47	133	167	131	222
Italy	5 407	5 603	3 968	3 315	3 571	3 511	3 268	3 223	3 048	3 179
Latvia	672	611	668	...	...	...	...	...	...	...
Luxembourg	491	520	396	364	215	24	32	25	4	...
Poland	1 216	1 290	1 485	1 476	1 623	1 368	1 358	1 384	1 389	1 626
Portugal	772	772	1 019	...	...	...	...	...	...	...
Romania	840	792	482	553	...	...	...	...	...	...
Spain	4 523	4 497	3 796	2 729	2 355	2 220	1 928	1 988	1 841	1 677
United Kingdom	587	662	468	441	346	354	300	312	309	340
European Union (28)	20 716	21 161	17 637	11 917	11 770	11 383	10 869	10 874	10 608	10 969
Albania	260	200	225	236	295	320	350	...	...	...
Bosnia-Herzegovina	271	225	167	211	227	234	259	268	297	310
Other Europe	531	425	392	447	522	554	609	268	297	310
Byelorussia	...	...	...	960	1 037	1 060	1 015	1 018	958	874
Kazakhstan	187	68	69	41	87	286	332	558	750	566
Russia	...	...	...	5 227	6 313	7 251	7 915	9 058	8 452	7 672
Ukraine	...	...	...	3 085	2 938	3 270	3 639	3 193	2 778	2 990
C.I.S.	187	68	69	9 313	10 374	11 868	12 901	13 826	12 938	12 102
Canada	487	582	541	544	487	554	560	410	532	553
Costa Rica	212	292	278	287	308	372	447	460	474	382
Cuba	108	116	120	108	118	126	150	105	126	130
Dominican Republic	260	292	228	273	252	395	406	516	425	385
El Salvador	121	126	69	78	97	78	81	83	85	97
Guatemala	265	274	260	315	345	420	557	574	591	474
Mexico	3 515	3 370	3 161	3 161	3 422	3 608	3 735	3 770	4 061	4 149
United States	7 282	7 014	4 615	5 740	5 060	5 653	6 556	6 997	5 837	6 024
North America	12 250	12 066	9 272	10 506	10 090	11 207	12 492	12 915	12 132	12 194
Argentina	464	431	455	600	1 005	787	806	589	565	...
Brazil	3 214	3 746	3 337	3 763	4 376	4 461	4 493	4 252	3 667	3 197
Chile	561	556	420	541	563	618	585	530	540	...
Colombia	814	755	789	858	1 045	1 016	987	1 092	1 146	...
Ecuador	426	481	379	446	399	479	593	607	653	682
Paraguay	31	35	31	32	19	16	23	23	24	19
Peru	224	209	199	256	555	475	603	786	597	...
Uruguay	27	45	36	38	47	48	76	79	81	75
Venezuela	783	677	767	250	619	628	609	408	400	...
South America	6 544	6 935	6 413	6 783	8 629	8 528	8 775	8 367	7 673	3 973

Table 17
(continued)

Production of Concrete Reinforcing Bars

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Egypt	3 790	4 186	4 285	5 437	4 556	5 116	5 153	6 258	6 114	6 239
Morocco	909	796	843	...	...	...	...	...	...	...
South Africa	703	726	...	...	...	...	...	...	...	...
Tunisia	...	...	98	...	...	...	...	...	...	...
Africa	5 402	5 708	5 226	5 437	4 556	5 116	5 153	6 258	6 114	6 239
Iran	3 256	3 269	3 259	5 610	6 044	5 834	5 794	...	5 311	6 343
Qatar	957	1 146	1 468	...	...	1 650	1 696	1 709	1 784	1 894
United Arab Emirates	...	...	...	...	...	1 586	1 662	1 833	1 988	2 068
Middle East	4 213	4 414	4 727	5 610	6 044	9 070	9 153	3 542	9 083	10 305
China	103 909	100 927	130 741	141 378	166 404	192 414	212 271	215 278	204 306	...
Japan	11 102	9 813	7 855	...	...	...	...	...	...	...
South Korea	10 313	10 215	9 678	8 771	8 810	9 077	9 151	9 367	9 800	10 341
Asia	125 325	120 955	148 273	150 149	175 214	201 491	221 422	224 644	214 106	10 341
World	175 168	171 731	192 008	200 163	227 199	259 217	281 373	280 695	272 950	66 432

Table 18 **Production of Hot Rolled Bars (other than Concrete Reinforcing Bars)**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria (1)	138	118	72	110	113	119	124	129	144	145
Belgium (1)	154	75	25	14	27	...	...	...	...	...
Bulgaria	...	147	88	...	111	77	74	110	57	...
Czech Republic	801	779	587	793	793	762	770	772	706	744
Denmark (1)	96	109	105	...	...	...	...	...	...	...
Germany	1 990	1 842	998	1 736	2 077	2 152	2 328	2 440	2 368	2 433
Finland (1)	249	250	171	...	...	...	...	...	...	...
France (1)	1 464	1 295	812	1 117	1 320	1 165	1 243	1 330	1 197	1 102
Hungary (1)	175	133	...	...	...	...	...	...	...	...
Italy (1)	5 214	4 846	2 535	3 726	4 215	3 477	3 501	3 548	3 428	3 403
Luxembourg (1)	396	128	169	144	105	61	57	68	73	75
Poland (1)	898	769	344	455	598	600	631	704	772	716
Romania	66	20	52	115	...	...	...	...	...	...
Slovenia (1)	202	194	92	159	...	...	...	...	...	...
Spain (1)	2 097	1 839	1 238	1 614	1 738	1 548	1 559	1 653	1 699	1 644
Sweden (1)	580	528	296	...	...	...	...	...	...	...
United Kingdom (1)	1 552	1 458	801	1 104	1 203	1 044	1 000	1 010	960	637
European Union (28)	16 071	14 531	8 384	11 086	12 299	11 006	11 285	11 764	11 404	10 900
Byelorussia	...	...	...	...	...	154	131	153	142	232
Russia	...	...	...	3 631	3 550	3 354	2 970	2 595	2 481	3 012
Ukraine	...	...	...	581	865	714	459	329	291	285
C.I.S.	...	...	...	4 212	4 415	4 222	3 560	3 077	2 914	3 529
Canada (2)	1 383	1 234	666	829	970	914	875	703	1 102	1 074
Guatemala	36	32	28	30	30	30	...	...	...	...
Mexico	607	520	425	540	691	847	788	915	746	714
United States (2)	6 588	6 705	3 099	4 079	4 511	5 193	4 385	4 830	4 177	3 733
North America	8 614	8 492	4 218	5 477	6 202	6 984	6 048	6 449	6 025	5 521
Argentina	441	456	278	492	330	172	254	372	292	...
Brazil	1 991	1 811	1 168	1 812	1 814	1 585	1 694	1 511	1 250	1 124
Chile	224	275	221	264	275	301	403	258	263	...
Colombia	39	31	25	28	27	22	51	42	43	...
Peru	399	475	493	516	175	470	462	435	458	...
Uruguay	22	24	17	18	22	22	...	...	...	...
Venezuela	78	66	48	343	53	46	56	55	...	...
South America	3 194	3 138	2 248	3 472	2 697	2 618	2 921	2 674	2 305	1 124
South Africa (2)	451	405	...	...	...	...	...	...	...	...
Africa	451	405	...	...	...	...	...	...	...	...
China	45 435	48 089	53 101	65 705	69 826	70 378	80 501	79 419	71 310	...
Indonesia (3)	1 382	1 398	1 397	1 412	1 414	1 474	1 605	1 603	1 738	1 673
Japan (3)	19 872	18 508	12 541	15 232	16 052	15 794	16 101	16 137	15 266	14 891
South Korea	2 323	2 317	1 961	2 558	3 289	3 147	3 246	2 976	2 679	2 399
Malaysia (3)	1 944	2 324	2 335	2 110	2 324	2 444	2 670	2 782	2 868	2 796
Philippines (3)	1 412	1 520	1 703	1 931	2 100	2 392	2 744	2 923	3 553	3 956
Singapore (3)	710	753	689	716	750	705	429	540	501	528
Taiwan, China (3)	6 091	5 642	4 592	5 608	6 368	6 262	6 270	6 565	6 168	5 408
Thailand (3)	3 018	3 579	2 846	2 819	2 731	2 950	3 498	3 896	3 589	4 774
Viet Nam (3)	2 859	2 898	3 495	4 666	4 428	3 975	4 100	4 582	5 930	7 086
Asia	85 046	87 027	84 659	102 757	109 283	109 520	121 164	121 422	113 603	43 511
Australia (3)	1 052	1 053	792	828	835	876	790	577	577	580
Oceania	1 052	1 053	792	828	835	876	790	577	577	580
World	114 427	114 647	100 303	127 832	135 730	135 225	145 769	145 964	136 827	65 164

(1) - including light sections and concrete reinforcing t (2) - deliveries.

Table 19

Production of Wire Rod

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	528	501	348	514	509	441	503	490	551	565
Belgium	970	878	723	761	879	872	796	792	798	594
Bulgaria	...	66	17	...	16	14	...	...	9	10
Czech Republic	1 206	1 113	994	1 173	1 232	1 326	1 456	1 365	1 508	1 599
Germany	6 705	6 254	5 160	5 814	6 295	6 023	6 005	5 885	6 222	6 003
Finland	372	373	256	...	...	...	...	...	...	...
France	1 965	1 980	1 473	1 768	1 839	1 944	2 064	2 063	1 974	1 855
Greece	311	378	347	...	...	...	...	...	...	...
Hungary	33	75	31	13	5	1	...	...	3	1
Italy	4 830	4 364	3 518	3 941	3 891	3 687	3 588	3 577	3 817	4 117
Latvia	24	24	24	...	...	...	...	...	...	...
Luxembourg	431	388	360	437	...	...	...	...	...	...
Netherlands	214	198	112	216	204	165	170	178	163	165
Poland	872	1 041	996	1 112	1 172	1 132	1 054	1 062	1 158	1 202
Portugal	502	502	464	...	...	...	...	...	...	...
Romania	161	134	136	294	...	...	...	...	...	...
Spain	2 758	3 153	2 787	2 784	2 952	2 814	2 433	2 735	2 667	2 614
Sweden	99	90	50	...	...	...	...	...	...	...
United Kingdom	1 207	1 249	1 110	1 225	1 077	979	1 016	967	1 049	926
European Union (28)	23 188	22 760	18 907	20 051	20 071	19 399	19 084	19 113	19 920	19 652
Bosnia-Herzegovina	305	326	267	264	321	331	333	337	353	380
Other Europe	305	326	267	264	321	331	333	337	353	380
Byelorussia	...	...	...	511	531	559	543	563	666	688
Russia	...	...	...	2 582	2 677	2 761	2 715	2 654	2 611	2 850
Ukraine	...	...	...	2 254	2 178	1 906	1 779	1 527	1 425	1 539
C.I.S.	...	...	...	5 348	5 386	5 227	5 037	4 744	4 702	5 077
Canada	785	696	620	600	660	660	644	380	909	1 011
Cuba	5	9	...	...	...	...	...	...	...	...
Mexico	2 061	2 163	2 184	2 302	2 565	2 509	2 374	2 403	2 343	2 556
Trinidad and Tobago	531	272	238	361	427	398	297	300	413	...
United States	2 183	2 097	1 493	1 706	1 961	2 401	2 186	2 153	1 906	1 594
North America	5 565	5 236	4 536	4 969	5 613	5 967	5 501	5 236	5 572	5 162
Argentina	438	430	407	396	536	580	590	533	517	...
Brazil	3 197	3 064	2 799	3 190	3 126	2 953	3 213	3 140	2 974	3 104
Chile	184	127	143	162	168	185	111	158	161	...
Colombia	149	123	142	179	164	163	185	173	155	...
Ecuador	20	18	14	41	37	18	22	23	24	...
Paraguay	14	14	12	12	8	6	...	...	...	...
Peru	67	103	111	130	106	123	136	87	134	...
Uruguay	7	8	...	...	...	...	...	...	...	...
Venezuela	557	487	502	280	451	325	260	190	...	...
South America	4 635	4 373	4 131	4 390	4 597	4 353	4 516	4 304	3 966	3 104
Egypt	836	851	915	865	870	1 113	1 219	1 030	873	736
Morocco	107	121	120	...	...	...	...	...	...	...
South Africa	954	741	...	...	...	...	...	...	...	...
Africa	1 897	1 713	1 035	865	870	1 113	1 219	1 030	873	736

Table 19
(continued)

Production of Wire Rod

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
China	79 210	82 708	98 907	106 206	124 118	136 109	148 972	153 834	147 232	...
Indonesia	920	839	800	922	932	809	672	628	661	595
Japan	6 933	6 832	4 551	6 254	6 086	5 769	6 205	6 253	5 921	5 941
South Korea	2 616	2 645	2 629	2 734	2 765	2 708	2 986	3 311	3 243	3 252
Malaysia	1 331	1 109	1 164	1 327	1 202	1 210	1 005	1 032	449	649
Taiwan, China	2 459	2 630	2 176	3 213	3 393	2 670	2 838	2 939	2 697	2 806
Thailand	914	671	758	844	921	813	595	430	435	528
Viet Nam	960	887	1 039	950	1 007	1 044	1 001	1 035	1 147	1 302
Asia	95 343	98 321	112 025	122 451	140 424	151 131	164 275	169 462	161 785	15 072
Australia	853	866	660	709	683	677	690	720	720	720
Oceania	853	866	660	709	683	677	690	720	720	720
World	131 786	133 596	141 560	159 046	177 965	188 198	200 655	204 946	197 890	49 901

Table 20

Production of Hot Rolled Plate (≥3mm)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	727	757	555	627	746	669	727	811	852	900
Belgium	768	741	402	532	585	568	510	562	543	575
Bulgaria	...	...	51	...	...	274	204	264	210	...
Czech Republic	752	702	503	687	730	563	530	431	432	376
Denmark	520	483	208	...	...	...	...	...	...	...
Germany	3 994	3 871	2 898	3 312	3 601	3 207	2 803	3 088	3 141	3 024
Finland	576	712	360	...	...	...	...	...	...	...
France	944	921	556	788	836	704	666	714	692	711
Hungary	149	140	74	...	...	...	...	...	...	...
Italy	3 325	3 067	2 339	2 637	2 750	2 606	1 999	2 180	1 732	1 840
Netherlands	27	18	17	19	16	17	16	19	19	14
Poland	1 162	1 118	585	513	541	689	625	451	382	361
Slovenia	143	129	88	158	...	...	...	...	...	...
Spain	629	665	355	313	360	378	498	504	546	516
Sweden	680	753	384	...	...	...	...	...	...	...
United Kingdom	1 124	1 159	746	883	940	889	845	768	688	434
European Union (28)	15 519	15 237	10 121	10 469	11 105	10 565	9 422	9 791	9 236	8 750
Kazakhstan	93	39	13	34	69	39	21	90	85	118
Russia	...	...	...	4 575	4 303	3 570	4 127	5 483	6 021	5 340
Ukraine	...	...	...	2 778	3 683	3 096	2 828	2 485	1 527	1 906
C.I.S.	93	39	13	7 387	8 054	6 706	6 976	8 058	7 633	7 364
Canada	722	707	282	419	461	451	408	397	387	319
Mexico	525	569	317	477	597	610	628	742	535	745
United States	6 726	6 732	4 103	5 658	6 374	6 172	6 328	6 550	5 583	5 449
North America	7 974	8 008	4 702	6 555	7 431	7 233	7 364	7 689	6 505	6 514
Argentina	472	413	223	516	407	371	...	...	...	...
Brazil	2 071	1 968	1 237	1 654	1 599	1 548	1 423	1 324	913	699
Venezuela	666	496	248	190	238	159	...	...	...	...
South America	3 209	2 876	1 708	2 361	2 244	2 079	1 423	1 324	913	699
South Africa	1 208	1 138	...	...	...	...	...	...	...	...
Africa	1 208	1 138	...	...	...	...	...	...	...	...
Iran	132	...	...	65	322	585	615	774	798	669
Middle East	132	...	...	65	322	585	615	774	798	669
China	117 631	136 750	140 068	173 980	180 296	176 034	188 353	196 671	196 676	...
India	3 738	3 957	3 969	4 126	4 283	4 472	3 889	4 492	4 293	4 320
Indonesia	730	835	787	822	811	806	539	1 539	1 326	1 500
Japan	15 452	16 290	12 838	14 657	14 488	13 399	12 863	13 145	11 872	12 315
South Korea	7 021	8 196	7 566	9 524	11 342	10 226	8 939	10 122	10 040	9 502
Malaysia	235	201	187	166	197	152	143	144	180	220
Taiwan, China	1 259	1 301	1 000	1 272	1 312	1 195	1 127	1 139	1 051	1 086
Thailand	...	...	308	392	370	389	...	217	156	175
Asia	146 066	167 529	166 723	204 938	213 100	206 672	215 853	227 470	225 594	29 118
World	174 201	194 828	183 267	231 774	242 257	233 839	241 653	255 106	250 679	53 114

Table 21

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

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	4 248	4 311	3 340	4 216	4 221	4 357	4 696	4 459	4 771	4 780
Belgium	9 442	9 980	5 925	8 271	8 465	7 476	6 988	7 038	7 597	7 566
Bulgaria	...	...	190	...	...	...	...	...	...	...
Czech Republic	1 175	1 000	548	594	524	382	466	483	554	742
Germany	23 672	22 218	15 914	21 597	21 589	20 463	20 795	20 947	...	...
Finland	2 494	2 337	1 749	...	...	...	...	...	...	...
France	10 467	9 291	7 303	8 904	8 598	8 518	9 603	10 133	9 876	9 475
Hungary	1 527	1 631	1 250	1 167	1 263	1 480	1 512	1 373	1 284	1 135
Italy	11 436	10 913	6 745	9 973	11 669	11 888	10 100	9 659	8 804	9 715
Netherlands	5 912	5 598	4 868	6 039	6 181	6 236	6 183	6 460	6 632	6 287
Poland	1 925	1 718	1 547	1 836	2 094	2 240	2 283	2 354	2 506	2 497
Romania	638	454	593	710	...	...	...	...	...	...
Slovak Republic	4 189	3 833	3 275	...	...	...	...	...	...	...
Slovenia	209	237	175	175	...	...	...	...	...	...
Spain	5 573	5 089	3 598	4 795	4 445	3 423	3 842	4 102	4 183	3 922
Sweden	4 132	3 773	2 155	...	...	...	...	...	...	...
United Kingdom	4 595	3 919	3 258	3 924	3 703	3 174	4 169	4 239	4 003	3 310
European Union (28)	91 635	86 302	62 432	72 201	72 752	69 637	70 637	71 247	50 208	49 429
Kazakhstan	1 619	1 317	1 283	1 162	1 410	1 039	1 146	1 142	1 187	1 324
Russia	...	...	...	12 695	13 548	14 364	13 317	12 598	13 074	13 785
Ukraine	...	...	...	5 054	5 387	4 741	4 464	3 926	3 470	3 386
C.I.S.	1 619	1 317	1 283	18 912	20 345	20 145	18 927	17 667	17 731	18 495
Canada	6 041	6 319	3 533	5 228	5 364	5 234	5 325	5 896	5 234	5 164
Mexico	5 385	5 107	4 942	5 823	5 758	5 725	5 957	6 523	6 696	7 044
United States	17 884	17 845	12 179	16 602	19 715	19 495	19 598	20 668	18 702	19 236
North America	29 311	29 272	20 654	27 653	30 836	30 454	30 880	33 087	30 632	31 445
Argentina	2 727	2 554	1 986	2 656	2 742	2 349	2 611	2 546	2 370	2 274
Brazil	4 326	3 925	3 474	4 592	4 086	4 377	4 384	4 541	4 746	4 040
Chile	545	...	...	227	438	412	189	0	...	...
Colombia	432	...	...	428	428	434	353	410	440	454
Peru	...	...	...	17	31	61	62	60	52	62
Venezuela	...	...	...	1 081	1 584	957	926	635	756	225
South America	8 030	6 479	5 460	9 001	9 309	8 590	8 526	8 191	8 365	7 056
Egypt	2 061	1 729	1 152	1 637	1 162	1 036	1 066	849	689	1 026
South Africa	1 286	990	...	...	...	...	...	...	...	...
Africa	3 347	2 719	1 152	1 637	1 162	1 036	1 066	849	689	1 026
Iran	3 970	3 815	4 744	6 870	7 502	7 891	7 635	7 503	7 075	7 142
Middle East	3 970	3 815	4 744	6 870	7 502	7 891	7 635	7 503	7 075	7 142
China	60 998	64 505	81 617	88 641	96 340	109 511	123 211	120 716	125 583	...
India	12 063	11 899	12 140	12 520	14 118	17 888	21 586	21 819	20 317	23 670
Indonesia	364	329	331	317	182	257	317	523	521	703
Japan	53 934	52 881	38 984	52 691	49 700	50 360	51 774	52 250	50 818	50 669
South Korea	26 858	27 927	24 786	31 092	35 473	36 325	35 543	38 465	37 489	37 245
Malaysia	2 100	468	276	1 200	1 323	1 033	1 107	723	707	77
Philippines	292	215	102	...	...	...	...	...	...	...
Taiwan, China	2 645	3 148	2 701	3 737	4 056	4 693	4 850	4 885	4 653	5 834
Thailand	2 309	2 799	3 042	3 429	2 913	2 569	2 651	2 620	2 308	2 501
Asia	161 562	164 170	163 981	193 625	204 104	222 635	241 039	242 001	242 396	120 699
Australia	3 983	3 850	2 793	4 052	3 694	2 708	2 289	2 160	2 415	2 501
Oceania	3 983	3 850	2 793	4 052	3 694	2 708	2 289	2 160	2 415	2 501
World	303 458	297 925	262 501	333 951	349 705	363 096	381 000	382 705	359 510	237 793

Table 22

Production of Electrical Sheet and Strip

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	304	316	223	335	319	299	338	339	394	334
Belgium	17	15	9	0	...	...	...	...	...	...
Czech Republic	22	23	36	41	46	46	50	52	...	52
Germany	664	635	355	515	572	521	475	456	434	...
France	270	274	206	216	205	166	158	184	191	186
Poland	63	63	63	82	125	85	74	89	98	...
Romania	67	82	0	0	...	...	...	...	...	...
Slovak Republic	242	214	115	...	...	...	...	...	...	...
Slovenia	98	87	71	86	86	...	...	...	...	...
Sweden	163	150	75	...	...	...	...	...	...	...
United Kingdom	127	90	54	71	75	65	59	62	66	55
European Union (28)	2 037	1 948	1 208	1 347	1 429	1 181	1 154	1 182	1 183	627
United States	457	481	326	305	339	59	...	...	...	...
North America	457	481	326	305	339	59	...	...	...	...
Brazil	191	213	144	199	214	188	180	167	164	150
South America	191	213	144	199	214	188	180	167	164	150
China	4 352	4 573	4 709	5 717	6 284	6 194	7 761	8 852	...	...
India	166	161	168	181	161	158	136	131	137	200
Japan	1 924	1 902	1 410	2 002	1 949	1 594	1 609	1 552	1 377	1 347
South Korea	910	940	849	1 011	991	987	919	902	892	770
Taiwan, China	533	620	431	578	624	626	712	773	581	617
Asia	7 884	8 196	7 568	9 489	10 009	9 558	11 137	12 211	2 987	2 934
World	10 569	10 837	9 245	11 339	11 991	10 986	12 472	13 560	4 333	3 710

Table 23

Production of Tinmill Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Belgium	207	101	116	127	129	151	156	142	137	146
Germany	1 384	1 344	1 134	1 426	1 255	1 364	1 343	1 386	1 338	...
France	840	822	607	773	604	499	544	566	557	542
Greece	42	37	14	...	...	...	...	...	...	...
Italy	129	...	188	...	...	...	...	...	...	...
Netherlands	769	771	577	792	724	755	813	838	803	777
Portugal	81	...	...	...	...	...	...	...	...	...
Slovak Republic	367	349	331	...	...	...	...	...	...	...
Spain	546	479	447	574	499	574	579	541	633	634
United Kingdom	443	462	396	468	411	410	401	430	407	390
European Union (28)	4 808	4 365	3 810	4 160	3 622	3 753	3 836	3 902	3 876	2 489
Serbia	198	...	...	...	...	...	...	...	...	...
Turkey	240	...	...	...	...	...	...	...	...	...
Other Europe	438	...	...	...	...	...	...	...	...	...
Kazakhstan	224	172	206	210	201	144	93	81	93	80
Russia	...	...	...	209	134	144	149	147	149	129
Ukraine	...	...	...	1	...	...	...	...	...	...
C.I.S.	224	172	206	420	335	288	242	228	242	209
Canada	286	252	234	244	220	239	208	209	216	239
Mexico	103	129	96	105	117	92	112	124	134	153
United States	2 497	2 430	2 164	2 502	2 111	2 012	1 868	1 754	1 522	1 359
North America	2 886	2 811	2 494	2 851	2 448	2 343	2 188	2 087	1 872	1 752
Argentina	158	149	156	144	133	129	131	113	122	...
Brazil	932	724	665	774	856	809	635	553	571	530
Chile	45	41	16	36	36	28	...	...	...	...
Colombia	46	63	59	77	59	59	59	50	82	...
Venezuela	129	125	93	85	71	63	42	18	...	...
South America	1 311	1 102	989	1 116	1 155	1 089	867	735	774	530
South Africa	298	285	...	...	...	...	...	...	...	...
Africa	298	285	...	...	...	...	...	...	...	...
China	2 312	...	...	...	...	...	...	...	...	...
India	187	211	207	236	217	258	326	390	335	340
Indonesia	100	113	85	111	100	115	149	135	164	134
Japan	1 793	1 956	1 646	1 903	1 797	1 684	1 656	1 645	1 630	1 698
South Korea	752	767	736	790	786	809	829	800	793	845
Malaysia	136	156	140	134	140	119	122	115	132	175
Taiwan, China	186	208	185	212	201	210	222	189	197	213
Thailand	233	236	210	181	190	174	396	225	171	150
Asia	5 699	3 647	3 210	3 566	3 431	3 369	3 699	3 500	3 422	3 555
World	15 664	12 381	10 708	12 113	10 991	10 841	10 832	10 451	10 187	8 535

Table 24

Production of Other Metal Coated Sheet and Strip

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	1 808	1 908	1 603	2 037	2 167	2 115	2 371	2 211	2 436	2 517
Belgium	3 952	3 704	2 785	3 437	3 092	3 213	3 209	3 454	3 410	3 326
Estonia	154	154	32	...	...	...	...	...	...	...
Germany	8 213	7 618	5 871	...	...	...	...	...	...	...
Finland	710	675	828	...	...	...	...	...	...	...
France	4 619	4 283	3 077	3 789	3 837	3 527	3 796	4 297	4 310	4 189
Greece	151	137	102	...	...	...	...	...	...	...
Hungary	106	103	106	101	104	106	103	104	100	100
Italy	3 829	3 428	2 742	3 529	4 268	4 129	4 129	4 452	4 664	5 011
Luxembourg	628	633	465	641	811	533	632	668	632	642
Netherlands	839	781	846	1 722	1 183	1 184	1 287	1 332	1 358	1 370
Poland	436	437	396	455	475	469	470	527	517	560
Portugal	226	227	119	...	...	...	...	...	...	...
Romania	...	...	211	258	...	...	...	...	...	...
Slovak Republic	478	586	545	...	...	...	...	...	...	...
Spain	2 516	2 260	1 415	1 548	1 864	1 640	1 554	1 635	1 681	1 806
Sweden	557	533	407	...	...	...	...	...	...	...
United Kingdom	1 219	1 059	825	943	962	860	1 052	1 082	1 076	799
European Union (28)	30 442	28 524	22 375	18 460	18 763	17 776	18 602	19 762	20 183	20 320
Canada (1)(2)	2 410	2 340	1 519	1 785	1 888	2 318	2 504	2 549	2 467	2 560
Mexico (1)	1 481	1 389	1 148	1 677	1 917	1 866	1 952	2 339	2 436	2 733
United States (1)(2)	17 652	14 345	9 023	13 150	15 217	16 703	16 164	16 510	16 033	16 616
United States (2)(3)	1 556	1 224	654	965	1 478	1 433	1 437	1 255	1 348	1 386
North America	23 099	19 299	12 345	17 577	20 501	22 321	22 058	22 653	22 285	23 295
South Africa (2)	796	755	...	...	...	...	...	...	...	...
Africa	796	755	...	...	...	...	...	...	...	...
China	17 644	19 445	20 725	28 930	33 079	37 622	46 212	50 750	51 000	...
India (1)	4 339	4 596	4 618	4 904	6 244	6 292	6 704	6 983	6 898	7 390
Indonesia	606	467	418	430	467	492	408	462	498	632
Japan (1)	15 118	14 773	20 178	...	...	...	...	...	...	...
Japan (3)	1 474	1 243	850	1 222	1 130	1 187	1 246	1 315	1 240	1 304
South Korea (1)	8 493	8 237	6 621	8 753	8 594	9 238	9 503	10 412	10 513	11 039
Malaysia	454	491	487	556	583	541	646	678	703	781
Philippines	233	204	191	240	267	328	260	650	670	370
Taiwan, China	2 677	2 741	2 141	2 544	2 563	2 368	2 539	2 856	2 640	598
Thailand	768	680	560	650	486	534	546	754	1 064	1 098
Viet Nam	...	...	...	...	...	1 244	1 736	2 098	2 505	2 505
Asia	51 806	52 877	56 787	48 228	53 412	59 846	69 799	76 959	77 731	25 717
Australia	685	1 622	1 308	1 612	1 607	1 195	1 195	1 343	1 367	1 473
Oceania	685	1 622	1 308	1 612	1 607	1 195	1 195	1 343	1 367	1 473
World	106 827	103 076	92 815	85 876	94 284	101 138	111 654	120 717	121 566	70 804

(1) - galvanised products only.

(2) - deliveries.

(3) - excluding galvanised products.

Table 25

Production of Non-metallic Coated Sheet and Strip

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	421	413	260	331	320	310	355	290	279	269
Belgium	428	437	269	353	394	429	465	449	439	486
Germany	1 022	908	586	680	876	751	761	680	623	605
Finland	238	233	176	...	...	...	...	...	...	...
France	1 117	1 071	938	915	858	829	835	917	940	1 033
Italy	616	514	442	495	451	515	593	709	784	880
Netherlands	246	241	238	255	232	249	253	245	231	205
Poland	168	171	155	243	240	259	229	273	270	297
Slovak Republic	107	91	71	...	...	...	...	...	...	...
Spain	287	233	93	180	168	155	169	193	216	217
Sweden	254	208	185	...	...	...	...	...	...	...
United Kingdom	434	413	175	...	67	324	316	295	303	342
European Union (28)	5 337	4 933	3 588	3 453	3 605	3 820	3 976	4 050	4 084	4 334
Kazakhstan	67	67	57	55	65	46	69	78	96	98
Russia	...	...	...	816	1 046	1 293	1 510	1 668	1 476	1 565
Ukraine	...	...	...	30	30	40	58	16	18	22
C.I.S.	67	67	57	902	1 141	1 379	1 637	1 762	1 590	1 685
China	3 144	4 601	5 050	5 544	6 218	7 761	8 071	8 251	...	...
Indonesia	30	25	22	21	18	24	20	17	37	35
South Korea	1 904	1 895	1 784	2 201	2 121	2 113	2 084	1 994	1 896	2 050
Malaysia	280	250	212	229	227	225	233	212	230	216
Philippines	125	110	103	114	125	136	120	140	150	150
Taiwan, China	828	827	627	695	681	681	970	670	681	729
Thailand	462	401	307	413	270	309	91	89	106	...
Viet Nam	723	904	979	1 196	1 478	398	469	676	774	852
Asia	7 497	9 012	9 084	10 413	11 139	11 647	12 058	12 049	3 873	4 032
Australia	...	751	610	89	711	556	569	622	656	719
Oceania	...	751	610	89	711	556	569	622	656	719
World	12 901	14 762	13 338	14 856	16 596	17 403	18 239	18 482	10 203	10 770

Table 26

Total Production of Tubular Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	653	563	499	555	739	698	698	698	570	542
Belgium	168	144	96	...	...	...	...	...	...	...
Bulgaria	96	84	36	36	36	...	...	...	...	...
Cyprus	12	...	...	...	...	...	...	...	...	...
Czech Republic	744	708	468	576	600	595	577	637	570	521
Germany	3 984	3 864	2 904	3 192	3 238	3 086	2 604	2 709	2 402	2 537
Finland	408	312	168	228	180	...	...	...	...	...
France	1 536	1 548	912	960	1 200	...	...	...	...	...
Greece	660	744	576	636	648	...	...	...	...	...
Hungary	132	120	60	48	48	...	...	...	...	...
Italy	4 140	4 056	2 616	3 036	3 276	...	...	...	...	...
Latvia	36	...	...	...	...	...	...	...	...	...
Netherlands	468	432	324	300	300	...	...	...	...	...
Poland	780	816	780	828	876	960	860	848	784	845
Portugal	204	168	96	96	108	...	...	...	...	...
Romania	767	712	479	679	588	...	...	...	...	...
Slovak Republic	264	276	192	228	240	...	...	...	...	...
Slovenia	96	108	72	36	24	...	...	...	...	...
Spain	1 464	1 248	744	1 140	1 092	...	...	...	...	...
Sweden	240	228	120	156	168	...	...	...	...	...
United Kingdom	1 020	732	528	624	732	...	...	...	...	...
European Union (28)	17 872	16 862	11 670	13 354	14 093	5 339	4 739	4 893	4 326	4 445
Byelorussia	...	...	...	173	194	214	216	201	...	...
Kazakhstan	93	111	155	238	273	235	305	311	...	...
Russia	8 745	7 736	6 575	9 139	10 045	9 934	10 367	11 593	...	...
Ukraine	2 604	2 368	1 565	1 834	2 302	2 179	1 719	1 373	...	...
C.I.S.	11 442	10 215	8 295	11 384	12 814	12 562	12 607	13 478	...	...
Canada	2 618	2 638	1 524	2 430	2 540	2 721	2 439	1 538	1 044	785
Mexico	1 193	1 314	1 170	1 375	1 460	1 840	1 924	2 070	1 803	1 700
United States	4 593	4 522	2 129	3 520	4 369	4 338	4 347	4 718	2 576	2 383
North America	8 404	8 475	4 823	7 325	8 369	8 899	8 710	8 326	5 423	4 868
Venezuela	...	...	4	...	...	...	...	...	...	...
South America	...	...	4	...	...	...	...	...	...	...
Iran	24	26	25	30	30	31	29	5	16	10
Middle East	24	26	25	30	30	31	29	5	16	10
China	41 385	50 894	53 214	56 729	63 643	71 184	83 571	88 980	...	...
India	1 218	1 402	1 556	1 890	1 804	2 060	1 982	2 077	2 143	2 090
Indonesia	643	637	641	670	642	687	668	1 105	1 277	1 288
Japan	9 895	9 722	6 172	7 690	7 804	7 877	8 050	8 283	6 821	6 933
South Korea	4 405	4 812	3 907	4 855	5 073	5 661	5 655	6 409	4 928	5 206
Malaysia	673	769	617	660	569	688	707	801	842	796
Philippines	52	138	58	50	90	99	300	330	330	330
Taiwan, China	968	1 056	886	1 148	1 214	1 182	1 206	1 280	1 146	1 129
Viet Nam	528	550	568	674	731	775	969	1 221	1 548	2 061
Asia	59 767	69 980	67 620	74 367	81 571	90 213	103 108	110 486	19 035	19 831
Australia	375	345	243	251	241	214	190	155	155	155
Oceania	375	345	243	251	241	214	190	155	155	155
World	97 884	105 903	92 679	106 711	117 118	117 258	129 383	137 343	28 955	29 309

Table 27

Production of Seamless Tubes

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	446	377	335	372	495	468	468	468	382	363
Czech Republic	456	420	252	348	384	367	356	396	310	276
Germany	1 824	1 703	949	1 276	1 353	1 348	1 306	1 264	1 011	1 045
France	222	186	114	153	207	...	...	...	...	...
Italy	852	876	480	588	672	...	...	...	...	...
Netherlands	24	24	...	...	...	...	...	...	...	...
Poland	216	192	144	156	168	170	150	137	122	116
Romania	605	562	318	431	440	380	340	300	300	290
Slovak Republic	168	168	120	156	168	170	150	150	150	150
Spain	300	312	156	252	276	...	...	...	...	...
Sweden	132	132	72	108	110	100	100	100	100	100
United Kingdom	12	...	...	...	...	...	...	...	...	...
European Union (28)	5 257	4 952	2 940	3 839	4 273	3 003	2 870	2 815	2 375	2 340
Byelorussia	...	...	...	96	117	125	129	121	112	84
Kazakhstan	1	33	75	127	149	100	156	175	183	193
Russia	2 600	2 600	2 600	2 658	2 918	3 152	3 101	3 369	3 410	3 238
Ukraine	1 430	1 110	810	782	876	887	712	625	416	384
C.I.S.	4 031	3 743	3 485	3 663	4 061	4 264	4 098	4 290	4 121	3 899
Canada	...	254	152	243	254	272	244	154	104	78
Mexico	664	680	589	679	776	889	985	1 064	739	801
United States	1 731	2 121	955	1 741	2 216	2 162	2 276	2 419	1 076	1 231
North America	2 395	3 054	1 696	2 664	3 246	3 323	3 505	3 636	1 919	2 110
Argentina	839	913	502	779	849	849	692	750	546	376
Brazil	491	571	346	484	483	591	629	657	388	391
Venezuela	58	45	4	...	...	...	...	...	...	...
South America	1 388	1 529	852	1 263	1 332	1 440	1 321	1 407	933	767
China	18 673	23 827	21 790	24 174	23 750	24 082	29 984	31 370	28 577	29 000
Japan	2 612	2 652	1 643	2 145	2 279	2 203	2 087	2 215	1 725	1 611
South Korea	20	21	18	16	17	18	21	20	21	18
Asia	21 306	26 500	23 450	26 335	26 046	26 303	32 091	33 605	30 323	30 629
World	34 376	39 778	32 423	37 763	38 957	38 332	43 884	45 753	39 672	39 745

Table 28

Production of Welded Tubes

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	207	186	164	183	244	230	231	230	188	179
Belgium	168	144	96	...	...	...	...	...	...	...
Bulgaria	96	84	36	36	...	...	...	...	...	...
Cyprus	12	...	...	...	...	...	...	...	...	...
Czech Republic	288	288	216	228	216	228	221	241	260	245
Germany	2 163	2 167	1 946	1 916	1 885	1 738	1 298	1 445	1 391	1 492
Finland	408	312	168	228	180	...	...	...	...	...
France	696	768	468	480	528	...	...	...	...	...
Greece	660	744	576	636	648	...	...	...	...	...
Hungary	132	120	60	48	48	...	...	...	...	...
Italy	3 288	3 180	2 148	2 448	2 616	...	...	...	...	...
Latvia	36	...	...	...	...	...	...	...	...	...
Netherlands	456	408	324	300	300	...	...	...	...	...
Poland	564	624	624	672	708	790	...	711	662	729
Portugal	204	168	96	96	108	...	...	...	...	...
Romania	162	149	161	249	...	...	...	...	...	...
Slovak Republic	96	108	84	72	72	...	...	...	...	...
Slovenia	96	108	72	36	24	...	...	...	...	...
Spain	1 152	936	576	888	816	...	...	...	...	...
Sweden	96	96	48	48	48	...	...	...	...	...
United Kingdom	1 008	732	528	624	732	...	...	...	...	...
European Union (28)	11 988	11 322	8 392	9 188	9 173	2 986	1 750	2 628	2 501	2 645
Turkey	3 376	3 266	2 928	3 439	3 765	4 250	4 202	...	...	...
Other Europe	3 376	3 266	2 928	3 439	3 765	4 250	4 202	...	...	...
Byelorussia	...	...	...	78	77	89	87	80	104	59
Kazakhstan	93	78	80	111	124	135	149	136	127	111
Russia	...	...	...	6 481	7 127	6 782	7 266	8 224	8 320	7 489
Ukraine	...	...	...	1 052	1 426	1 292	1 007	748	465	494
C.I.S.	93	78	80	7 721	8 754	8 298	8 509	9 188	9 016	8 153
Canada	2 618	2 384	1 371	2 187	2 286	2 449	2 195	1 384	939	706
Mexico	529	634	581	696	685	952	939	1 006	1 064	899
United States	2 849	2 407	1 165	1 770	2 147	2 165	2 060	2 299	1 500	1 152
North America	5 997	5 426	3 117	4 653	5 118	5 565	5 193	4 689	3 504	2 758
China	23 711	27 068	31 425	32 555	39 893	47 103	53 587	57 610	69 696	...
Indonesia	643	637	641	670	642	687	668	1 105	1 277	1 288
Japan	6 618	6 436	4 050	4 982	4 946	5 097	5 318	5 437	4 504	4 774
South Korea	4 385	4 790	3 890	4 839	5 057	5 643	5 634	6 389	4 907	5 187
Malaysia	673	769	617	660	569	688	707	801	842	796
Philippines	52	138	58	50	90	99	300	330	330	330
Taiwan, China	968	1 056	886	1 148	1 214	1 182	1 206	1 280	1 146	1 129
Viet Nam	528	550	568	673	731	775	969	1 221	1 548	2 061
Asia	37 578	41 445	42 134	45 578	53 142	61 272	68 389	74 172	84 250	15 565
Australia	375	345	243	251	241	214	190	155	155	155
Oceania	375	345	243	251	241	214	190	155	155	155
World	56 030	58 616	53 966	67 391	76 426	78 335	84 032	90 832	99 426	29 275

Table 29

Exports of Semi-finished and Finished Steel Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	6 987	7 153	5 360	6 315	7 020	6 358	6 605	7 282	7 440	7 310
Belgium	22 127	21 235	12 809	15 153	16 445	14 456	13 875	14 161	15 202	16 724
Bulgaria	1 850	1 323	957	908	1 205	983	946	999	943	1 064
Croatia	37	119	82	85	109	34	121	210	218	106
Cyprus	0	0	0	0	0	1	1	1	1	0
Czech Republic	5 513	5 185	3 877	4 651	4 855	4 642	4 751	4 736	4 830	5 192
Denmark	1 080	1 097	680	857	976	798	797	790	935	946
Estonia	273	295	120	204	274	194	107	114	104	109
Germany	29 869	28 639	20 778	25 352	26 379	25 818	24 161	24 757	25 147	25 087
Finland	1 997	2 027	1 397	2 490	2 861	1 820	1 617	1 840	1 902	1 948
France	18 211	17 125	11 999	14 141	14 224	14 579	14 164	14 944	14 003	13 689
Greece	1 096	1 302	1 035	1 170	1 742	1 215	973	920	997	990
Hungary	1 142	1 403	1 090	1 316	1 470	1 698	1 766	1 607	1 440	1 404
Ireland	58	47	34	37	44	50	47	65	93	121
Italy	17 908	18 040	12 750	15 316	17 125	17 926	16 640	17 328	16 475	17 895
Latvia	918	895	865	894	833	1 151	622	399	576	486
Lithuania	189	213	178	205	253	284	258	269	330	380
Luxembourg	4 520	4 679	2 471	3 059	3 442	2 869	2 731	3 003	2 908	2 920
Malta	1	0	0	0	0	0	0	1	1	1
Netherlands	10 717	10 029	7 707	9 271	10 441	9 734	8 761	9 715	10 630	10 214
Poland	4 988	5 560	4 188	4 240	4 907	5 392	4 895	5 024	5 084	5 396
Portugal	1 796	1 573	1 442	1 314	1 639	1 728	2 044	2 369	2 324	2 443
Romania	3 785	3 193	2 030	2 950	3 157	2 682	2 277	2 339	2 585	2 506
Slovak Republic	4 600	4 277	3 548	4 590	4 372	4 760	4 786	4 931	4 835	5 089
Slovenia	704	859	589	688	843	817	807	871	993	1 010
Spain	7 970	9 456	8 176	9 815	9 888	9 416	9 134	9 710	9 590	9 317
Sweden	4 031	4 037	2 449	3 643	5 048	4 034	3 308	3 271	3 207	3 650
United Kingdom	9 453	8 933	6 304	6 044	6 027	6 410	8 374	8 599	7 280	4 590
European Union (28)	161 819	158 693	112 917	134 708	145 576	139 850	134 571	140 255	140 071	140 587
Albania	7	17	7	142	173	126	108	139	74	5
Bosnia-Herzegovina	273	334	266	386	425	464	455	521	606	401
Iceland	0	1	0	0	1	0	2	5	0	1
Macedonia	963	769	423	519	622	484	373	431	406	512
Montenegro	107	129	59	23	36	20	12	8	27	19
Norway	873	685	591	507	547	664	567	551	521	571
Serbia	1 469	1 414	982	1 284	1 116	488	609	748	908	936
Switzerland	1 224	1 312	795	1 066	1 166	1 091	1 097	1 070	1 136	1 110
Turkey	15 393	18 535	17 413	16 223	16 688	18 574	17 305	16 024	14 887	15 349
Other Europe	39	18	8	13	5	8	3	2	2	2
Other Europe	20 348	23 215	20 544	20 162	20 779	21 920	20 531	19 499	18 567	18 907
Armenia	0	0	0	0	0	0	0	0	0	3
Azerbaijan	22	25	4	23	90	52	50	31	11	124
Byelorussia	1 909	2 037	1 962	1 915	1 970	2 167	1 872	2 123	2 170	1 885
Georgia	7	25	13	82	106	106	258	223	91	71
Kazakhstan	3 977	3 585	3 408	2 860	2 491	1 693	1 132	1 650	1 704	2 500
Kyrgyzstan	3	1	0	10	11	9	8	10	2	0
Moldova	807	722	273	224	221	314	147	344	273	194
Russia	29 411	28 429	27 587	27 382	24 729	26 678	23 641	28 084	29 702	31 155
Tajikistan	...	0	...	0	0	0	0	0	0	0
Turkmenistan	1	0	0	0	0	0	0	0	0	2
Ukraine	30 308	28 648	23 970	25 201	25 955	24 142	24 720	21 492	17 721	18 230
Uzbekistan	137	92	15	30	8	4	9	22	17	4
C.I.S.	66 580	63 564	57 232	57 728	55 582	55 164	51 836	53 978	51 693	54 168

Table 29
(continued)

Exports of Semi-finished and Finished Steel Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	6 824	7 440	4 947	7 023	6 356	6 166	5 767	6 201	6 038	5 848
Costa Rica	25	4	7	4	2	6	12	14	110	57
Cuba	18	18	23	17	41	47	40	24	9	22
Dominican Republic	81	61	37	36	90	47	35	43	44	33
El Salvador	130	120	100	4	2	6	4	8	5	10
Guatemala	120	4	4	9	8	13	13	14	16	61
Honduras	25	25	20	20	2	13	12	19	17	28
Jamaica	0	0	0	0	2	...	...	0	0	0
Mexico	5 212	5 766	3 619	5 183	5 537	4 688	5 639	5 395	3 898	4 084
Nicaragua	5	5	4	5	0	0	0	1	2	1
Panama	5	11	3	5	4	7	3	11	5	3
Trinidad and Tobago	145	187	102	125	170	175	102	129	83	4
United States	10 844	13 362	9 238	11 791	13 288	13 561	12 508	11 961	10 000	9 247
Other North America	3	36	31	1	4	6	4	4	18	3
North America	23 437	27 038	18 135	24 223	25 506	24 733	24 138	23 823	20 245	19 401
Argentina	1 436	1 328	1 294	1 113	1 118	1 026	880	890	471	450
Bolivia	0	0	0	0	0	0	0	0	0	0
Brazil	10 414	9 152	8 607	8 983	10 824	9 673	8 081	9 766	13 708	13 399
Chile	142	77	103	115	114	80	51	118	79	84
Colombia	228	264	191	203	188	178	119	100	66	66
Ecuador	14	13	10	27	25	20	22	21	40	33
Paraguay	48	42	11	9	3	...	0	0	0	0
Peru	128	127	135	138	134	166	166	178	149	215
Uruguay	32	39	31	20	26	1	28	28	20	26
Venezuela	1 369	780	770	246	712	163	80	20	78	48
Other South America	1	0	...	...	0	0	0	0	1	0
South America	13 813	11 822	11 152	10 854	13 145	11 307	9 428	11 121	14 613	14 321
Algeria	124	84	10	3	11	23	15	4	1	0
Cameroon	0	1	0	0	3	0	0	0	12	0
Egypt	991	1 157	941	1 184	1 425	847	1 958	1 153	453	808
Ghana	0	0	0	0	2	2	1	0	1	0
Ivory Coast	0	0	0	0	1	1	0	0	0	0
Kenya	2	1	1	1	1	0	1	0	1	0
Libya	340	245	95	124	92	47	9	3	13	6
Morocco	79	95	24	64	169	141	92	47	65	56
Nigeria	5	2	1	1	5	5	0	19	6	1
Senegal	0	0	0	0	1	0	0	0	0	0
South Africa	3 219	2 188	2 844	3 018	2 567	2 216	1 888	2 339	2 190	2 194
Sudan	0	0	0	0	1	0	0	0	0	0
Tanzania	0	1	0	1	1	1	0	1	...	0
Tunisia	197	186	96	149	160	99	70	84	53	35
Other Africa	15	15	13	41	43	59	54	63	28	24
Africa	4 973	3 974	4 025	4 586	4 481	3 440	4 089	3 712	2 823	3 125
Bahrain	8	25	26	37	45	41	513	153	540	574
Iran	582	450	131	297	270	260	368	2 868	3 798	5 654
Iraq	0	0	0	1	0	1	0	0	0	0
Israel	55	45	42	47	59	35	17	7	6	5
Jordan	0	0	1	0	1	1	3	0	1	13
Kuwait	2	7	2	3	16	6	8	3	0	107
Lebanon	33	39	13	14	27	20	24	4	1	0
Oman	13	30	39	40	195	56	49	101	118	255
Qatar	700	900	800	900	585	1 000	1 000	45	0	206 e
Saudi Arabia	700	900	101	132	699	285	247	123	1 129	189
Syria	1	1	2	0	10	0	0	...	0	1
United Arab Emirates	98	3 400	106	188	949	248	265	860	634	3 282
Yemen	0	0	0	...	1	0	...	9	14	...
Other Middle East	156	150	151	238	...	...	...	...	...	...
Middle East	2 349	5 947	1 415	1 898	2 856	1 951	2 494	4 172	6 241	10 287

Table 29
(continued)

Exports of Semi-finished and Finished Steel Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bangladesh	18	10	8	12	14	19	26	18	5	4
China	66 357	56 304	23 969	41 646	47 899	54 793	61 543	92 907	111 556	108 066
Hong Kong	2 649	1 917	1 226	1 432	1 246	1 168	1 087	1 281	168	182
India	6 590	7 485	5 552	6 690	8 940	8 232	10 078	10 379	7 563	10 325
Indonesia	1 532	1 516	1 104	1 236	1 249	901	660	1 342	2 003	1 599
Japan	35 629	36 923	33 306	42 952	40 660	41 458	42 509	41 346	40 804	40 505
D.P.R. Korea (e)	72	91	76	130	67	78	60	57	33	40
South Korea	18 264	19 718	20 237	24 628	28 866	30 227	28 927	31 906	31 173	30 586
Malaysia	3 861	2 754	2 920	2 294	2 746	2 319	1 618	2 100	1 823	1 428
Myanmar	0	0	0	0	2	5	2	0	2	1
Pakistan	65	101	585	1 063	292	220	159	224	53	65
Philippines	110	148	76	57	105	131	159	145	21	48
Singapore	2 558	2 866	1 691	1 904	2 312	2 252	2 275	2 155	1 729	1 708
Sri Lanka	2	2	1	1	2	3	1	1	1	1
Taiwan, China	11 102	10 038	9 953	10 001	10 545	10 539	11 559	12 086	11 177	12 233
Thailand	2 802	2 478	1 587	1 776	1 599	1 569	1 504	1 414	1 254	1 460
Viet Nam	181	396	151	695	1 137	1 280	1 383	1 523	1 512	2 530
Other Asia	1 320	147	1 039	189	1 204	1 388	952	985	1 127	1 144
Asia	153 112	142 896	103 481	136 706	148 886	156 580	164 500	199 871	212 003	211 925
Australia	1 223	1 421	928	1 659	1 389	641	631	683	841	776
New Zealand	248	365	275	406	448	421	475	287	347	188
Other Oceania	1	13	2	0	21	0	0	0	0	0
Oceania	1 472	1 799	1 204	2 065	1 858	1 063	1 107	970	1 188	965
World	447 904	438 948	330 106	392 931	418 667	416 008	412 694	457 402	467 442	473 684

Table 30

Imports of Semi-finished and Finished Steel Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	4 210	4 140	2 969	3 253	3 830	3 670	3 320	3 739	4 194	4 328
Belgium	17 364	15 233	9 687	11 481	13 309	10 557	10 109	10 743	12 073	13 007
Bulgaria	2 133	1 951	1 029	1 012	1 503	1 353	1 513	1 878	1 741	1 969
Croatia	999	1 150	822	731	678	657	632	680	772	844
Cyprus	496	491	305	341	231	162	131	109	144	154
Czech Republic	5 740	5 983	4 161	5 482	5 828	5 921	5 791	5 750	6 146	6 477
Denmark	3 166	2 927	1 624	1 944	2 442	2 250	2 249	2 246	2 436	2 535
Estonia	771	694	295	495	624	511	433	455	422	540
Germany	27 425	27 488	17 656	22 733	24 854	22 729	21 881	24 263	24 817	25 519
Finland	1 516	1 442	972	1 408	1 406	1 055	1 017	1 025	962	1 078
France	18 071	16 955	11 439	14 178	14 715	13 163	13 154	13 418	13 656	14 570
Greece	2 875	2 601	1 708	1 383	1 372	1 072	1 162	1 262	1 173	1 424
Hungary	2 124	2 117	1 272	1 540	1 860	2 126	2 899	2 613	2 275	2 710
Ireland	1 185	940	390	459	440	457	451	544	658	684
Italy	24 582	22 333	12 550	16 307	17 478	13 899	15 626	16 632	19 936	19 616
Latvia	804	728	500	660	908	591	650	721	864	827
Lithuania	919	762	440	560	693	744	780	858	894	1 048
Luxembourg	1 845	2 115	1 144	1 439	1 258	1 041	1 193	1 153	1 139	1 158
Malta	69	53	45	56	34	33	31	41	44	42
Netherlands	8 802	8 105	6 309	6 853	8 293	7 557	6 144	6 963	6 803	8 359
Poland	8 039	8 041	5 359	6 386	7 551	7 845	7 993	9 125	9 214	10 105
Portugal	3 460	2 966	2 226	2 351	2 026	1 900	2 472	2 521	2 740	2 803
Romania	3 550	3 685	2 095	2 770	3 374	2 930	2 784	3 216	3 454	3 511
Slovak Republic	2 289	2 336	1 578	2 127	2 343	2 127	2 446	2 552	2 677	2 940
Slovenia	1 514	1 518	1 070	1 124	1 275	1 136	1 125	1 223	1 407	1 483
Spain	15 020	11 444	7 040	8 630	8 449	7 329	7 401	8 127	8 885	9 391
Sweden	4 186	4 017	2 788	3 843	4 578	3 727	3 154	3 144	3 077	3 433
United Kingdom	9 350	8 049	4 374	6 297	7 462	7 140	6 349	7 403	7 182	7 652
European Union (28)	172 503	160 265	101 847	125 845	138 813	123 683	122 891	132 402	139 784	148 210
Albania	296	218	389	253	259	257	181	173	238	394
Bosnia-Herzegovina	397	418	220	315	316	281	278	268	314	418
Iceland	115	88	31	34	35	37	106	40	50	62
Macedonia	901	776	447	538	404	360	340	448	515	764
Montenegro	27	34	21	16	17	19	25	25	66	76
Norway	1 421	1 357	960	853	1 031	1 004	954	1 419	1 000	1 001
Serbia	1 131	941	774	562	471	618	622	672	665	647
Switzerland	2 576	2 523	1 856	2 280	2 485	2 426	2 438	2 454	2 330	2 498
Turkey	13 529	13 271	10 236	10 746	10 304	11 499	14 462	13 394	18 614	17 009
Other Europe	298	360	195	3 020	242	121	127	123	205	120
Other Europe	20 692	19 984	15 129	18 617	15 566	16 621	19 534	19 016	23 998	22 988
Armenia	145	124	113	111	79	80	76	80	72	88
Azerbaijan	674	813	667	793	912	1 060	1 257	1 248	839	561
Byelorussia	1 918	2 045	1 482	2 079	1 972	2 210	2 342	1 880	1 481	1 514
Georgia	265	333	206	282	311	374	391	451	412	460
Kazakhstan	2 814	2 320	2 295	1 134	1 316	1 667	1 201	1 660	505	444
Kyrgyzstan	123	103	136	134	181	265	321	343	301	289
Moldova	177	168	121	124	138	178	178	208	151	166
Russia	7 293	5 725	3 586	5 229	7 199	6 897	6 571	6 442	4 364	4 448
Tajikistan	107	80	137	105	111	174	245	277	379	309
Turkmenistan	298	578	758	482	575	1 172	1 014	1 004	798	550
Ukraine	2 169	2 399	1 008	1 793	1 981	1 876	1 767	1 202	804	1 138
Uzbekistan	828	777	871	633	622	819	1 160	1 252	1 160	1 128
C.I.S.	16 811	15 466	11 380	12 899	15 397	16 771	16 522	16 048	11 266	11 094

Table 30
(continued) **Imports of Semi-finished and Finished Steel Products**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	8 006	7 515	6 217	9 331	10 903	9 618	8 895	10 293	8 021	7 727
Costa Rica	586	576	275	298	461	411	417	446	504	786
Cuba	106	144	137	175	216	171	187	131	272	187
Dominican Republic	668	665	668	683	603	491	583	734	829	827
El Salvador	241	252	95	162	174	197	262	246	313	367
Guatemala	521	438	343	430	547	441	548	649	920	935
Honduras	137	197	100	105	196	266	230	270	306	300
Jamaica	149	156	68	69	79	125	100	142	158	133
Mexico	6 828	7 040	4 858	6 732	6 846	9 266	8 117	9 111	10 031	9 679
Nicaragua	100	95	77	52	72	95	73	112	171	223
Panama	403	347	354	439	542	442	585	725	590	580
Trinidad and Tobago	175	199	311	145	140	178	193	256	231	222
United States	31 359	30 157	15 342	22 527	26 899	31 458	30 283	41 369	36 485	30 913
Other North America	1 200	1 119	993	653	188	163	195	179	258	277
North America	50 478	48 903	29 836	41 803	47 865	53 323	50 667	64 664	59 090	53 156
Argentina	1 057	1 253	671	1 261	1 272	905	1 152	907	1 195	772
Bolivia	282	333	300	370	380	381	421	464	428	509
Brazil	1 636	2 561	2 357	5 904	3 783	3 777	3 683	3 947	3 195	1 864
Chile	1 026	1 588	678	1 790	1 377	1 557	1 696	1 729	1 905	1 798
Colombia	1 996	2 006	1 606	1 987	2 439	1 894	2 628	3 125	2 912	2 748
Ecuador	1 125	1 044	793	927	1 195	1 095	1 236	1 283	1 027	927
Paraguay	141	168	110	196	272	264	339	390	303	328
Peru	1 049	1 366	996	1 779	1 862	1 573	1 880	2 015	2 209	2 247
Uruguay	125	147	102	131	195	141	189	212	215	156
Venezuela	668	596	417	471	644	1 011	980	897	725	318
Other South America	47	49	46	23	72	78	86	86	110	82
South America	9 150	11 112	8 077	14 838	13 491	12 675	14 291	15 053	14 225	11 750
Algeria	3 018	4 653	5 510	3 654	3 947	4 723	5 126	5 975	6 300	5 465
Cameroon	149	154	170	159	158	234	233	269	281	243
Egypt	2 249	3 066	5 625	3 324	2 574	3 654	4 237	6 167	7 881	9 151
Ghana	241	451	414	479	779	716	699	767	889	836
Ivory Coast	127	176	168	208	191	205	266	301	345	396
Kenya	568	600	821	797	1 207	949	1 308	1 333	1 708	1 491
Libya	431	529	1 439	1 147	154	746	967	610	419	173
Morocco	1 513	1 981	1 954	1 411	1 421	1 294	1 641	1 670	2 019	2 152
Nigeria	1 180	1 641	1 783	1 341	1 762	1 753	2 193	1 955	1 677	1 209
Senegal	206	195	267	338	403	368	313	386	419	516
South Africa	757	760	635	843	1 259	1 108	1 759	1 418	1 699	1 392
Sudan	519	441	496	422	400	426	387	310	507	575
Tanzania	209	253	321	332	443	411	726	602	667	551
Tunisia	952	1 278	925	1 108	997	810	886	955	1 098	1 005
Other Africa	2 033	3 032	3 293	2 975	3 541	4 203	4 701	4 973	5 219	4 497
Africa	14 153	19 211	23 821	18 537	19 235	21 602	25 441	27 692	31 128	29 652
Bahrain	138	414	100	176	197	176	99	94	160	144
Iran	12 246	7 914	9 139	9 613	8 556	5 604	3 111	4 187	4 472	4 683
Iraq	355	976	1 920	2 297	2 676	4 028	4 480	3 116	2 878	2 471
Israel	1 146	1 221	1 334	1 530	1 808	1 926	2 164	2 335	2 651	2 983
Jordan	870	1 550	1 567	1 336	1 094	1 245	868	854	863	1 154
Kuwait	585	1 048	617	1 521	1 123	788	680	728	1 000	1 465
Lebanon	336	1 189	2 533	2 455	2 748	2 999	1 500	1 482	1 196	1 514
Oman	508	802	426	496	689	862	688	968	1 182	1 768
Qatar	586	992	287	136	239	319	215	272	300	437
Saudi Arabia	4 927	6 290	3 419	5 179	6 210	8 092	6 664	6 641	6 491	7 355
Syria	2 324	2 056	2 317	1 795	1 977	638	267	350	325	276
United Arab Emirates	6 745	13 628	6 030	6 818	6 115	6 242	5 590	6 647	6 608	7 369
Yemen	595	626	820	517	355	653	859	899	402	801
Other Middle East	...	...	...	1	...	0	...	0	3	0
Middle East	31 361	38 704	30 508	33 870	33 786	33 572	27 184	28 572	28 530	32 420

Table 30
(continued)

Imports of Semi-finished and Finished Steel Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bangladesh	869	780	1 641	1 834	1 990	2 316	2 458	2 690	3 967	3 970
China	17 185	15 622	22 350	17 181	16 349	14 154	14 774	14 903	13 178	13 581
Hong Kong	5 175	3 770	2 830	3 241	3 013	3 029	3 365	3 827	3 694	3 201
India	7 700	6 973	8 288	9 744	9 213	9 341	7 392	9 477	13 284	9 904
Indonesia	5 712	8 070	5 712	7 614	8 595	12 032	12 297	11 026	11 413	12 574
Japan	4 761	4 477	3 037	5 275	5 563	5 733	5 413	6 733	5 918	6 014
D.P.R. Korea (e)	53	59	93	95	114	124	133	175	234	254
South Korea	26 180	28 560	20 340	24 779	22 828	20 402	19 033	22 408	21 674	23 285
Malaysia	5 301	5 123	3 908	5 189	5 067	5 942	6 722	7 637	7 816	9 073
Myanmar	519	486	802	911	1 193	1 439	1 437	2 147	2 420	2 374
Pakistan	1 826	1 230	1 739	1 695	1 591	1 953	2 062	2 477	3 411	4 360
Philippines	3 559	3 003	3 211	4 050	3 927	4 384	4 972	6 805	7 282	7 248
Singapore	4 969	5 604	3 860	4 236	5 438	5 399	6 167	5 673	5 180	4 285
Sri Lanka	460	375	378	466	529	613	586	673	951	1 067
Taiwan, China	9 246	9 250	6 535	8 499	7 552	7 521	7 764	8 859	7 510	7 862
Thailand	9 803	11 835	9 027	12 281	12 498	15 183	15 866	15 081	14 628	17 605
Viet Nam	8 483	7 600	9 433	9 211	7 869	7 779	9 951	12 359	16 343	19 494
Other Asia	1 992	943	1 584	1 815	4 367	3 071	2 265	2 769	2 576	3 282
Asia	113 795	113 762	104 768	118 115	117 696	120 414	122 659	135 719	141 475	149 431
Australia	2 304	2 960	2 113	2 597	2 346	2 884	2 208	2 978	2 868	1 935
New Zealand	425	429	264	337	310	329	362	388	394	409
Other Oceania	74	134	118	141	132	135	126	130	176	205
Oceania	2 804	3 522	2 495	3 074	2 788	3 348	2 696	3 496	3 438	2 549
World	431 746	430 929	327 862	387 599	404 638	402 009	401 885	442 661	452 933	461 252

Table 31

Exports of Ingots and Semis

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	292	285	187	189	294	234	301	247	241	208
Belgium	1 046	912	264	475	451	321	287	195	163	466
Bulgaria	136	85	54	30	25	14	12	7	2	5
Croatia	0	3	0	2	30	4	79	118	127	3
Cyprus	...	...	...	...	0	...	...	...	...	0
Czech Republic	587	500	223	319	355	292	259	283	266	368
Denmark	13	17	13	18	18	21	22	17	18	20
Estonia	6	1	3	1	1	1	0	0	0	0
Germany	2 497	2 047	1 655	2 150	2 100	1 690	1 822	1 939	1 910	1 879
Finland	185	281	253	264	219	128	50	76	125	12
France	2 650	2 811	1 813	1 794	1 992	2 233	1 132	1 236	767	796
Greece	122	159	103	143	140	60	44	51	47	109
Hungary	37	90	4	9	26	3	10	23	20	60
Ireland	0	1	0	0	1	0	0	1	1	1
Italy	983	964	570	908	909	831	703	654	461	544
Latvia	4	4	2	2	5	73	33	0	0	0
Lithuania	0	4	1	2	0	0	0	0	0	0
Luxembourg	81	50	13	11	37	27	26	15	21	25
Malta	0	...	...	0	...	0	...	...	...	...
Netherlands	1 048	863	374	798	1 402	1 174	667	635	785	731
Poland	1 431	1 580	664	483	835	599	375	720	674	700
Portugal	139	164	136	171	109	36	72	151	155	207
Romania	147	220	52	196	268	200	156	187	103	79
Slovak Republic	501	242	256	631	222	417	129	306	563	518
Slovenia	32	21	12	17	39	33	42	47	28	26
Spain	91	311	261	338	194	122	226	112	151	238
Sweden	135	102	59	233	244	448	416	256	174	187
United Kingdom	3 522	3 358	2 130	1 137	903	2 078	3 494	3 534	2 687	842
European Union (28)	15 684	15 079	9 104	10 322	10 818	11 040	10 357	10 810	9 492	8 025
Albania	...	...	...	132	167	124	46	104	50	4
Bosnia-Herzegovina	0	2	44	94	84	110	114	161	119	58
Montenegro	10	16	6	6	8	3	2	0	1	2
Norway	177	63	107	64	92	163	88	54	40	40
Serbia	1	1	47	21	111	188	267	266	120	13
Switzerland	104	65	48	67	85	70	75	75	94	98
Turkey	2 470	2 501	2 424	3 737	2 455	2 980	1 567	603	305	272
Other Europe	0	0	0	...	0	0	0	5	...	0
Other Europe	2 763	2 649	2 675	4 120	3 004	3 639	2 159	1 268	728	487
Byelorussia	611	689	613	648	611	709	385	585	523	112
Kazakhstan	700	875	725	830	754	786	202	369	289	665
Russia	15 120	16 030	13 270	15 309	13 166	15 507	13 783	14 156	15 310	15 798
Ukraine	11 827	12 763	11 520	11 430	10 816	10 101	10 952	9 290	7 849	7 833
Other C.I.S.	14	12	5	16	9	25	123	93	59	152
C.I.S.	28 272	30 370	26 133	28 233	25 356	27 128	25 446	24 493	24 030	24 560
Canada	837	1 321	885	1 795	1 095	664	314	386	205	155
Cuba	18	17	19	11	35	8	33	23	...	22
Mexico	2 537	2 906	1 003	1 749	1 833	1 020	1 340	1 291	707	731
Trinidad and Tobago	...	74	44	11	...	12	0	...	21	1
United States	389	520	591	616	907	808	449	295	142	113
Other North America	0	2	15	2	0	5	1	0	26	41
North America	3 781	4 840	2 557	4 186	3 870	2 516	2 136	1 995	1 101	1 063

Table 31
(continued)

Exports of Ingots and Semis

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Argentina	107	114	290	41	65	53	56	180	103	32
Brazil	5 099	5 665	4 612	5 257	7 170	6 637	5 273	6 295	8 717	8 446
Venezuela	434	110	118	56	35	...	...	...	6	16
Other South America	50	55	5	9	4	0	9	26	0	8
South America	5 690	5 944	5 025	5 363	7 274	6 691	5 338	6 502	8 825	8 502
Egypt	21	2	0	16	30	23	181	110	34	6
Libya	27	19	20	...	31	35	...	...	13	4
South Africa	145	89	436	228	208	111	26	70	154	138
Other Africa	6	12	3	0	15	16	4	9	7	10
Africa	199	123	460	244	284	186	210	188	207	157
Iran	0	50	...	66	6	1	90	746	1 353	3 372
Oman	0	1	16	1	15	0	...	32	74	108
Qatar	...	...	46	...	201	0	3	44	...	103 e
Saudi Arabia	...	1	...	0	4	102	70	29	7	0
United Arab Emirates	16	6	2	3	48	26	2	423	189	713
Other Middle East	40	6	1	1	2	5	386	94	230	196
Middle East	56	64	64	72	276	133	550	1 367	1 854	4 492
China	6 457	1 319	44	145	5	4	4	7	8	13
India	681	1 126	695	222	481	601	1 253	1 601	769	1 766
Indonesia	8	36	2	13	2	4	6	313	635	752
Japan	4 831	4 760	5 843	5 229	5 162	5 519	5 966	5 330	4 814	4 542
D.P.R. Korea (e)	25	20	46	90	60	50	44	38	23	18
South Korea	274	620	353	1 189	1 719	1 985	1 346	870	483	352
Malaysia	1 018	707	647	565	916	602	146	102	118	105
Philippines	0	9	2	2	34	0	0	0	0	...
Singapore	50	37	18	14	20	13	17	60	13	6
Taiwan, China	369	558	769	473	367	344	690	449	215	669
Thailand	132	182	145	220	160	113	49	6	4	118
Viet Nam	1	396	4	1	116	82	81	126	25	1
Other Asia	25	21	55	16	25	23	8	24	23	26
Asia	13 872	9 792	8 623	8 176	9 067	9 340	9 611	8 925	7 130	8 369
Australia	2	3	32	18	52	12	28	59	49	41
New Zealand	13	13	7	6	5	9	9	9	11	1
Other Oceania	0	...	...	...	...	...	0	0	...	...
Oceania	15	16	39	24	57	21	37	68	60	42
World	70 332	68 876	54 679	60 741	60 007	60 694	55 843	55 616	53 426	55 697

Table 32

Imports of Ingots and Semis

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	212	192	47	162	185	182	155	289	604	603
Belgium	2 651	2 790	1 988	2 568	2 910	2 448	1 631	1 813	2 180	1 919
Bulgaria	462	567	306	258	412	299	413	339	376	479
Croatia	48	20	19	8	2	14	2	2	3	3
Cyprus	0	0	0	0	0	0	0	0	0	0
Czech Republic	418	504	221	619	322	345	355	291	393	617
Denmark	781	672	329	537	606	421	552	560	634	677
Estonia	1	1	1	1	1	1	1	0	0	0
Germany	3 095	2 970	1 172	1 611	2 263	1 728	1 352	2 066	1 886	1 828
Finland	8	11	30	18	17	10	6	4	4	22
France	1 997	1 745	1 113	1 792	2 028	1 718	1 694	1 800	2 094	2 298
Greece	251	171	159	28	72	18	45	34	50	13
Hungary	30	33	105	30	239	566	1 156	726	229	371
Ireland	8	4	5	6	2	2	3	8	7	7
Italy	5 992	5 311	2 656	3 567	3 631	3 168	3 198	3 127	3 802	3 784
Latvia	159	146	227	206	406	3	3	3	206	29
Lithuania	6	10	1	3	3	5	7	9	1	2
Luxembourg	788	1 003	357	405	359	138	130	136	115	80
Malta	0	0	0	0	0	0	0	0	0	0
Netherlands	371	381	334	465	1 288	1 045	387	738	750	982
Poland	679	584	156	119	333	575	603	401	238	313
Portugal	85	27	53	21	14	33	22	27	47	41
Romania	916	758	108	455	771	329	226	303	304	220
Slovak Republic	19	19	54	9	24	7	12	9	13	19
Slovenia	11	13	2	8	32	21	21	28	18	21
Spain	1 733	1 588	917	940	797	711	768	953	843	1 127
Sweden	137	265	120	173	218	131	119	168	244	205
United Kingdom	891	683	210	740	1 185	828	444	342	363	432
European Union (28)	21 748	20 469	10 688	14 748	18 119	14 744	13 304	14 176	15 404	16 091
Albania	73	9	72	0	0	0	0	0	0	24
Bosnia-Herzegovina	80	21	1	1	20	9	12	3	1	1
Iceland	2	1	1	1	1	0	1	0	1	0
Macedonia	503	433	123	153	93	60	44	144	66	176
Montenegro	0	0	0	0	0	0	0	0	0	...
Norway	196	167	59	5	5	6	8	8	8	5
Serbia	294	88	227	168	35	2	1	3	3	9
Switzerland	50	30	9	18	61	49	45	33	24	21
Turkey	3 571	3 849	3 629	2 401	2 158	3 356	5 430	4 777	7 885	6 160
Other Europe	3	87	3	0	1	0	0	0	0	0
Other Europe	4 772	4 686	4 126	2 747	2 375	3 482	5 542	4 967	7 989	6 395
Armenia	0	0	0	...	...	0	0	0	0	0
Azerbaijan	33	34	5	82	108	82	72	113	11	6
Byelorussia	6	6	4	6	4	7	104	17	3	3
Georgia	13	23	0	0	2	2	42	11	8	8
Kazakhstan	9	41	19	4	754	786	202	369	1	1
Kyrgyzstan	0	0	0	...	0	0	0	0	0	0
Moldova	0	0	15	0	0	59	19	51	0	0
Russia	15	11	6	12	38	19	21	10	8	6
Tajikistan	1	3	1	...	0	2	0	1	3	0
Turkmenistan	...	0	0	10	0	150	185	19	0	0
Ukraine	444	388	247	493	511	363	84	71	14	22
Uzbekistan	0	0	0	0	0	0	0	104	254	240
C.I.S.	520	507	299	607	1 419	1 472	731	767	303	286

Table 32
(continued)

Imports of Ingots and Semis

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	345	328	209	657	2 292	470	278	557	267	249
Costa Rica	214	139	16	0	106	70	21	0	106	108
Cuba	0	2	2	1	2	2	1	1	1	0
Dominican Republic	469	430	469	392	333	247	271	406	306	424
El Salvador	65	52	7	5	0	18	16	13	0	0
Guatemala	59	103	47	61	95	71	40	48	13	29
Honduras	57	79	27	28	57	55	37	29	10	1
Jamaica	0	0	0	0	0	1	0	0	0	1
Mexico	1 041	787	514	319	226	1 007	333	520	520	419
Nicaragua	0	0	0	0	0	0	0	0	0	0
Panama	0	18	0	1	51	29	12	4	0	0
Trinidad and Tobago	6	0	0	0	0	0	0	0	0	0
United States	6 060	5 404	1 822	4 596	6 076	6 915	6 638	9 562	6 560	6 014
Other North America	1 027	904	857	518	27	9	44	2	2	1
North America	9 342	8 246	3 971	6 579	9 265	8 895	7 691	11 141	7 786	7 247
Argentina	258	389	115	383	280	348	346	110	99	118
Bolivia	0	0	0	0	0	0	0	0	0	0
Brazil	53	60	37	53	25	32	11	14	74	245
Chile	10	89	16	77	10	59	60	1	0	23
Colombia	154	159	142	69	120	69	133	244	163	193
Ecuador	353	376	169	132	117	54	75	34	0	22
Paraguay	0	5	0	0	0	...	0	0	0	8
Peru	34	21	173	248	246	221	400	219	296	341
Uruguay	0	0	2	...	16	40	0	0	...	0
Venezuela	1	12	6	1	2	1	1	1	7	1
Other South America	0	0	1	0	0	1	1	0	0	0
South America	862	1 112	661	963	816	825	1 026	624	639	951
Algeria	181	219	118	1	8	15	65	208	502	376
Cameroon	0	11	4	3	0	15	16	4	6	18
Egypt	960	1 450	1 315	1 176	1 012	1 613	2 602	3 085	3 570	3 994
Ghana	3	16	22	10	1	0	1	0	10	5
Ivory Coast	0	0	0	0	0	0	0	0	0	0
Kenya	17	11	114	100	117	135	157	162	177	119
Libya	20	51	158	212	0	63	112	67	181	31
Morocco	681	890	1 020	653	548	402	581	567	919	925
Nigeria	178	260	201	35	28	49	85	103	95	65
Senegal	0	0	0	0	2	1	0	0	5	0
South Africa	86	8	7	6	89	10	116	139	32	17
Sudan	92	100	122	85	66	92	79	12	13	45
Tanzania	1	3	10	5	2	4	12	14	25	39
Tunisia	396	357	294	401	287	262	337	340	494	358
Other Africa	35	46	61	32	30	51	59	91	58	42
Africa	2 649	3 423	3 446	2 718	2 188	2 713	4 221	4 793	6 088	6 034
Bahrain	2	7	24	13	14	1	16	1	5	4
Iran	4 154	2 922	2 230	3 151	2 085	2 053	304	346	142	255
Iraq	0	0	0	0	0	29	13	2	0	0
Israel	27	47	87	68	26	66	8	20	57	37
Jordan	371	544	766	398	329	434	379	325	239	353
Kuwait	21	306	3	202	0	0	0	0	0	2
Lebanon	61	231	1 305	1 334	1 672	1 824	149	0	0	0
Oman	219	320	44	89	72	153	71	0	0	354
Qatar	0	124	1	0	13	28	0	5	0	3 e
Saudi Arabia	773	1 779	527	1 308	1 793	2 488	1 962	1 196	1 557	511
Syria	477	480	756	689	901	266	152	122	39	35
United Arab Emirates	411	1 610	1 267	1 338	327	330	130	121	5	731
Yemen	0	1	0	0	0	0	0	...	0	...
Middle East	6 518	8 370	7 011	8 591	7 234	7 670	3 183	2 139	2 045	2 286

Table 32
(continued)

Imports of Ingots and Semis

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bangladesh	158	145	379	539	752	1 002	1 026	916	460	831
China	390	280	4 649	680	666	402	611	347	301	288
Hong Kong	193	112	247	169	137	70	69	4	17	7
India	210	504	648	559	563	823	248	413	765	577
Indonesia	2 037	2 598	2 093	2 414	2 175	3 818	3 828	3 697	4 574	5 394
Japan	242	140	48	98	224	287	165	259	156	202
D.P.R. Korea (e)	0	5	14	0	0	0	...	0	0	...
South Korea	6 342	6 140	5 413	6 185	4 189	2 760	2 383	3 075	2 938	3 433
Malaysia	402	229	132	162	142	251	142	187	171	223
Myanmar	121	135	45	52	10	11	36	12	21	1
Pakistan	170	63	89	70	106	41	59	20	13	29
Philippines	928	1 103	914	1 183	786	328	311	172	431	1 034
Singapore	52	58	41	44	40	20	23	23	11	8
Sri Lanka	162	151	126	130	172	240	239	223	197	193
Taiwan, China	5 094	5 197	4 253	4 593	3 978	3 966	3 493	4 068	3 405	3 657
Thailand	2 574	3 566	3 837	4 010	3 409	3 991	3 684	3 127	3 171	4 940
Viet Nam	2 045	2 276	2 283	1 942	814	452	358	336	591	754
Other Asia	612	58	129	767	221	292	291	508	591	521
Asia	21 732	22 762	25 341	23 596	18 385	18 753	16 965	17 387	17 812	22 092
Australia	12	85	5	53	7	131	3	32	2	16
New Zealand	27	10	0	1	1	1	1	1	2	1
Other Oceania	0	27	14	1	14	19	9	14	23	16
Oceania	39	122	20	55	23	151	13	47	26	32
World	68 183	69 697	55 561	60 604	59 824	58 704	52 675	56 041	58 092	61 415

Table 33

Exports of Long Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	1 590	1 161	1 024	1 332	1 384	935	942	1 456	1 518	1 641
Belgium	2 688	2 556	1 495	1 479	1 836	1 484	1 284	1 390	1 324	1 264
Bulgaria	297	522	526	508	719	523	546	550	486	572
Cyprus	0	0	0	...	0	...	0	0	0	0
Czech Republic	2 421	2 296	2 248	2 595	2 698	2 693	2 674	2 619	2 729	2 853
Denmark	110	134	163	205	252	204	200	171	201	203
Estonia	27	34	27	27	26	35	36	32	30	29
Germany	8 166	7 871	5 657	6 921	7 139	7 322	6 859	7 094	7 148	6 918
Finland	569	537	285	431	466	299	137	188	188	195
France	2 917	2 872	1 832	2 346	2 653	2 500	2 499	2 482	2 416	2 395
Greece	478	578	568	645	1 137	818	634	505	537	595
Hungary	313	313	120	155	187	164	222	208	190	223
Ireland	34	23	21	17	28	35	29	37	41	54
Italy	5 903	6 254	4 043	4 275	4 845	5 050	5 251	5 642	5 569	6 118
Latvia	710	656	715	664	596	837	312	58	235	94
Lithuania	123	116	127	158	191	220	192	194	247	296
Luxembourg	3 631	3 886	1 890	2 290	2 760	2 296	2 073	2 221	2 194	2 178
Malta	0	0	0	0	0	...	0	0	0	0
Netherlands	1 170	1 179	706	804	986	862	666	697	738	879
Poland	2 013	2 329	2 129	2 476	2 681	2 990	2 760	2 488	2 528	2 561
Portugal	1 223	1 133	925	807	1 188	1 343	1 517	1 705	1 571	1 588
Romania	321	316	246	704	1 003	569	317	356	423	435
Slovak Republic	255	283	254	354	388	592	711	506	324	336
Slovenia	218	217	113	175	190	182	191	209	214	237
Spain	4 324	5 638	5 324	5 959	6 362	6 359	6 157	6 387	6 184	5 840
Sweden	843	775	384	577	642	569	492	511	486	499
United Kingdom	2 781	2 706	1 685	2 134	2 040	1 832	1 823	1 989	1 865	1 602
European Union (28)	43 125	44 383	32 509	38 038	42 398	40 712	38 524	39 697	39 386	39 603
Albania	...	...	...	...	6	1	61	35	23	1
Bosnia-Herzegovina	...	...	187	220	285	312	316	352	390	324
Croatia	...	34	...	...	7	8	16	59	54	55
Iceland	...	1	...	...	0	0	0	0	0	1
Macedonia	86	...	16	...	45	42	22	31	42	16
Montenegro	...	...	...	...	27	17	10	4	21	17
Norway	408	397	365	314	329	356	362	360	368	399
Serbia	15	26	17	15	26	24	35	30	29	23
Switzerland	717	790	430	614	665	645	670	640	666	659
Turkey	6 245	12 937	11 783	9 254	10 527	11 774	11 447	10 993	10 183	10 189
Other Europe	...	...	...	...	0	0	0	0	0	0
Other Europe	7 471	14 185	12 798	10 416	11 916	13 180	12 941	12 504	11 777	11 683
Byelorussia	1 121	1 162	1 233	1 071	1 117	1 217	1 222	1 287	1 428	1 550
Kazakhstan	60	56	54	56	41	44	61	133	114	132
Kyrgyzstan	...	...	...	...	11	9	8	6	2	0
Moldova	...	...	...	...	210	306	142	339	270	191
Russia	3 852	3 490	3 838	3 127	2 816	2 496	2 199	3 921	4 094	4 306
Ukraine	7 458	5 819	5 000	5 909	5 922	5 937	5 832	4 956	4 326	4 589
Other C.I.S.	4	13	7	66	102	83	114	127	52	35
C.I.S.	12 495	10 539	10 132	10 229	10 217	10 090	9 579	10 769	10 285	10 804

Table 33
(continued)

Exports of Long Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	1 861	1 777	923	1 383	1 455	1 401	1 348	1 521	1 625	1 543
Cuba	...	...	...	...	6	34	6	1	8	...
Dominican Republic	...	...	...	...	85	39	30	39	40	26
Mexico	794	1 215	858	1 237	1 330	1 458	1 812	1 534	1 229	1 163
Trinidad and Tobago	...	...	...	...	170	163	101	129	56	3
United States	2 515	3 366	2 082	2 910	3 467	3 629	3 108	2 846	2 102	1 891
Other North America	...	...	...	...	4	21	25	40	266	319
North America	5 170	6 358	3 863	5 530	6 516	6 745	6 430	6 111	5 326	4 945
Argentina	203	162	100	222	217	332	284	168	86	71
Brazil	1 950	1 394	1 327	1 129	1 198	816	932	898	1 110	1 550
Chile	99	43	79	86	78	51	24	76	65	67
Colombia	18	25	13	11	7	10	5	4	3	4
Ecuador	...	...	...	...	13	6	8	6	5	6
Peru	122	125	126	131	124	152	155	168	156	199
Venezuela	135	90	...	44	94	46	1	1	...	14
Other South America	...	...	...	...	2	0	0	0	0	0
South America	2 528	1 840	1 644	1 622	1 733	1 413	1 409	1 321	1 424	1 912
Egypt	669	201	163	379	568	347	595	269	30	95
Libya	...	...	...	...	7	1	1	3	...	0
Morocco	...	...	...	...	65	44	7	0	0	3
South Africa	755	480	740	810	385	476	492	444	494	431
Other Africa	...	...	...	...	37	52	45	65	41	27
Africa	1 424	681	904	1 189	1 062	920	1 140	782	567	555
Iran	...	...	...	...	56	31	27	17	26	498
Israel	...	...	...	...	35	30	10	1	0	0
Oman	...	...	...	...	67	1	0	0	0	97
Qatar	...	...	...	...	341	8	0	0	0	84
Saudi Arabia	...	...	...	...	46	3	2	1	1	10
United Arab Emirates	...	...	...	...	431	39	97	207	184	750
Other Middle East	105	5	6	11	17	11	115	52	69	454
Middle East	105	5	6	11	992	122	251	278	280	1 894
China	23 565	18 427	5 527	9 153	11 597	17 565	23 512	38 327	52 351	49 461
Hong Kong	707	433	227	227	215	252	318	478	527	90
India	550	632	455	621	949	707	776	908	766	1 048
Indonesia	269	315	295	188	262	115	138	115	98	143
Japan	4 447	4 927	3 532	5 182	4 861	4 770	5 226	5 243	5 576	5 369
South Korea	3 187	2 960	3 620	3 658	3 819	3 449	3 613	3 836	3 421	3 425
Malaysia	640	673	758	717	625	493	390	387	378	425
Singapore	711	679	370	495	565	561	577	769	857	916
Taiwan, China	1 988	1 753	1 448	1 322	1 347	1 104	1 113	1 376	1 281	1 424
Thailand	604	651	622	770	875	832	889	872	768	771
Viet Nam	...	...	...	...	37	50	54	74	79	301
Other Asia	22	12	9	9	412	411	326	333	527	578
Asia	36 689	31 464	16 862	22 343	25 564	30 310	36 931	52 719	66 629	63 951
Australia	173	166	67	82	89	103	99	99	128	113
New Zealand	6	61	...	60	73	75	88	60	54	19
Other Oceania	...	...	...	...	21	0	0	0	0	0
Oceania	179	227	67	142	183	178	187	159	182	132
World	109 187	109 681	78 785	89 520	100 582	103 670	107 392	124 340	135 856	135 479

Table 34

Imports of Long Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	1 355	1 450	1 189	993	1 164	1 248	1 043	1 243	1 252	1 309
Belgium	2 978	2 815	1 679	1 792	2 034	1 579	1 435	1 576	1 534	1 790
Bulgaria	836	736	341	256	397	353	348	367	388	373
Cyprus	425	420	250	290	187	132	91	79	111	121
Czech Republic	1 405	1 357	965	1 092	1 351	1 436	1 324	1 160	1 320	1 304
Denmark	535	499	274	353	445	424	416	417	450	492
Estonia	171	128	60	75	92	81	82	89	77	130
Germany	7 371	7 366	5 017	6 467	6 915	6 265	6 088	6 896	6 941	7 099
Finland	575	545	321	424	463	436	420	456	437	506
France	4 202	4 119	2 744	3 193	3 272	3 028	2 964	2 973	2 876	3 081
Greece	726	544	364	279	239	185	201	235	226	246
Hungary	790	773	419	532	580	524	550	573	688	769
Ireland	731	517	207	236	207	229	220	258	352	361
Italy	4 204	3 240	1 887	2 540	2 791	2 124	2 187	2 381	2 717	2 673
Latvia	224	155	64	98	118	173	170	173	131	127
Lithuania	441	377	226	324	391	437	445	481	526	673
Luxembourg	254	250	150	157	175	246	237	233	283	270
Malta	52	42	37	46	26	26	21	30	31	33
Netherlands	2 996	2 875	2 039	2 505	2 946	2 594	2 024	2 271	2 096	3 046
Poland	2 071	1 827	982	1 311	1 554	1 493	1 674	2 183	2 129	2 143
Portugal	1 402	1 153	742	763	577	519	706	641	623	643
Romania	1 176	1 380	789	907	1 041	1 052	1 031	1 153	1 389	1 415
Slovak Republic	903	865	617	809	838	721	826	819	823	919
Slovenia	529	464	310	305	309	299	286	318	331	349
Spain	3 892	2 065	1 301	1 212	1 221	959	953	1 055	1 143	1 167
Sweden	1 051	983	626	836	907	812	804	880	916	908
United Kingdom	2 563	2 239	1 058	1 527	1 696	1 772	1 895	2 313	2 189	2 048
European Union (28)	43 858	39 182	24 659	29 323	31 935	29 145	28 443	31 251	31 979	33 996
Albania	...	...	...	...	177	178	112	93	149	185
Bosnia-Herzegovina	...	...	...	...	87	78	103	100	121	143
Croatia	...	442	...	...	281	274	219	258	280	302
Iceland	...	50	...	...	20	20	60	23	26	38
Macedonia	...	...	...	...	77	83	111	93	126	151
Montenegro	...	...	...	...	7	11	10	10	43	56
Norway	352	324	239	276	337	308	320	338	308	348
Serbia	519	508	329	209	218	279	243	292	283	322
Switzerland	1 051	1 009	907	1 001	1 048	1 116	1 144	1 155	1 106	1 265
Turkey	298	984	766	1 184	1 347	1 301	1 456	1 443	1 558	1 662
Other Europe	2 229	...	...	...	75	70	70	71	144	68
Other Europe	4 448	3 316	2 241	2 669	3 674	3 719	3 846	3 876	4 142	4 538
Armenia	...	...	...	...	53	47	49	48	37	46
Azerbaijan	...	...	...	...	399	429	540	534	327	183
Byelorussia	553	588	460	617	565	688	740	641	500	491
Georgia	...	...	...	...	141	149	152	187	207	208
Kazakhstan	1 761	864	837	594	98	158	194	111	55	54
Kyrgyzstan	...	...	...	...	64	107	134	152	130	139
Moldova	...	...	...	...	71	54	83	72	71	89
Russia	2 421	1 645	837	1 365	2 094	2 611	2 768	2 270	1 232	984
Tajikistan	...	...	...	...	61	95	133	153	244	168
Turkmenistan	...	...	...	...	273	455	541	575	516	331
Ukraine	440	498	218	402	447	417	371	284	207	311
Uzbekistan	...	...	...	...	134	151	193	214	183	203
C.I.S.	5 175	3 595	2 353	2 978	4 400	5 358	5 898	5 240	3 710	3 207

Table 34
(continued)

Imports of Long Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	2 545	2 273	1 750	2 605	2 660	3 074	2 672	3 021	2 539	2 525
Costa Rica	82	127	38	28	63	54	91	127	158	162
Cuba	26	49	50	51	65	60	62	37	86	57
Dominican Republic	87	110	88	94	95	97	132	143	252	193
El Salvador	...	...	...	...	25	39	57	68	114	146
Guatemala	127	126	83	80	87	96	169	279	538	276
Honduras	...	...	...	...	25	41	62	72	85	178
Jamaica	116	124	54	53	62	104	80	122	141	111
Mexico	1 357	1 180	851	1 152	1 465	1 647	1 524	1 572	1 815	1 615
Nicaragua	...	...	...	...	21	32	25	44	74	125
Panama	260	197	191	249	315	261	437	425	361	385
Trinidad and Tobago	70	71	60	58	55	61	93	133	124	138
United States	6 455	4 631	3 190	4 569	4 568	4 979	5 418	7 147	7 567	7 231
Other North America	...	...	...	...	87	82	81	98	183	192
North America	11 126	8 889	6 355	8 939	9 593	10 626	10 902	13 288	14 035	13 334
Argentina	233	263	168	397	381	341	334	318	389	174
Bolivia	...	...	...	...	281	277	335	364	359	436
Brazil	321	480	566	1 440	1 046	1 298	1 329	1 358	1 072	580
Chile	291	531	160	581	371	443	472	393	487	394
Colombia	367	407	352	346	496	730	922	946	1 189	1 009
Ecuador	217	164	160	145	230	221	251	259	214	207
Paraguay	...	...	...	...	103	75	152	163	112	105
Peru	329	592	368	553	663	695	672	752	808	805
Uruguay	...	...	...	...	75	44	56	73	91	40
Venezuela	169	110	...	91	132	324	170	153	218	35
Other South America	...	...	...	...	20	32	33	32	50	39
South America	1 927	2 548	1 774	3 552	3 800	4 481	4 727	4 810	4 989	3 825
Algeria	1 878	3 001	3 504	2 581	3 193	3 732	3 936	4 480	4 460	3 699
Cameroon	97	92	85	90	83	120	88	161	195	135
Egypt	170	330	3 089	1 015	584	784	446	1 533	2 538	2 714
Ghana	95	259	237	241	410	342	338	403	409	397
Ivory Coast	62	76	78	105	80	89	140	156	180	205
Kenya	108	125	153	129	231	153	249	416	597	493
Libya	222	271	1 044	660	103	528	574	370	111	74
Morocco	218	384	443	345	468	537	644	685	652	635
Nigeria	242	449	606	355	502	586	553	447	417	323
Senegal	165	153	218	250	304	269	222	280	290	379
South Africa	140	215	106	190	414	281	335	265	349	330
Sudan	90	84	103	43	63	49	58	57	164	193
Tanzania	57	101	143	130	159	137	215	201	222	154
Tunisia	191	534	246	258	299	212	201	261	255	343
Other Africa	17	29	29	23	1 798	2 244	2 449	2 535	2 830	2 281
Africa	3 751	6 103	10 086	6 414	8 692	10 064	10 448	12 249	13 669	12 354
Bahrain	41	309	26	37	51	46	34	28	61	61
Iran	1 301	1 725	2 117	1 875	1 633	650	679	829	592	551
Iraq	260	700	1 490	1 468	1 894	2 614	2 927	1 993	1 620	1 395
Israel	410	533	579	680	901	1 025	1 236	1 468	1 667	1 940
Jordan	267	654	418	377	371	417	232	236	339	373
Kuwait	129	239	151	310	251	176	164	255	325	343
Lebanon	127	657	848	685	708	871	1 079	1 195	878	1 175
Oman	19	136	70	100	193	113	148	459	547	519
Qatar	199	591	38	24	55	85	45	74	102	164
Saudi Arabia	1 140	1 487	1 116	1 376	1 553	2 147	1 604	1 531	2 092	2 321
Syria	1 048	667	745	365	371	128	51	120	167	137
United Arab Emirates	3 539	7 999	2 359	2 280	2 648	2 249	1 908	2 360	2 502	2 323
Yemen	357	517	666	379	274	549	727	747	327	658
Other Middle East	0	0	...	1	...	...	...	0	2	0
Middle East	8 839	16 215	10 624	9 957	10 902	11 071	10 833	11 295	11 221	11 960

Table 34
(continued)

Imports of Long Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bangladesh	34	27	155	67	109	96	105	210	1 407	669
China	1 749	1 560	1 666	1 965	1 812	1 531	1 723	1 835	1 593	1 677
Hong Kong	1 603	1 307	798	1 163	1 333	1 600	2 032	2 571	2 695	2 391
India	730	714	668	1 008	904	963	881	1 626	2 015	1 421
Indonesia	848	1 195	763	1 128	1 251	1 824	2 099	1 907	1 775	1 797
Japan	659	647	587	742	909	979	963	1 154	970	987
D.P.R. Korea (e)	...	...	...	...	41	56	52	71	106	86
South Korea	5 424	5 472	2 955	4 310	4 492	4 685	4 854	5 489	6 042	6 161
Malaysia	994	985	796	1 154	1 196	1 612	2 114	2 958	3 454	3 791
Myanmar	198	171	471	445	420	575	776	1 352	1 475	1 310
Pakistan	244	151	214	137	145	160	169	400	684	742
Philippines	571	402	691	640	629	257	334	3 175	4 146	4 596
Singapore	1 498	2 160	1 532	1 555	2 144	2 390	2 987	2 814	3 274	2 485
Sri Lanka	131	100	124	153	161	153	130	196	449	507
Taiwan, China	1 247	1 239	419	906	923	867	1 143	1 230	1 067	1 165
Thailand	1 358	1 554	965	1 532	1 669	2 109	2 475	2 787	2 623	2 899
Viet Nam	...	3 861	1 234	1 248	1 142	1 271	1 733	2 485	4 130	3 793
Other Asia	421	435	...	432	704	919	1 045	974	1 819	1 301
Asia	17 708	21 980	14 037	18 584	19 983	22 047	25 616	33 236	39 723	37 778
Australia	848	877	624	856	833	722	730	855	806	914
New Zealand	172	164	112	154	119	114	130	138	164	167
Other Oceania	56	76	62	66	55	55	56	62	148	78
Oceania	1 076	1 117	798	1 076	1 007	892	916	1 054	1 117	1 159
World	97 908	102 945	72 927	83 492	93 985	97 403	101 630	116 299	124 586	122 151

Table 35

Exports of Flat Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	4 200	4 418	3 602	4 089	4 483	4 383	4 573	4 732	4 978	4 812
Belgium	17 638	17 009	10 616	12 777	13 706	12 260	11 923	12 234	13 394	14 608
Bulgaria	1 290	568	284	283	357	328	272	314	267	242
Cyprus	0	0	0	0	0	0	0	0	...	0
Czech Republic	1 334	1 301	844	1 010	1 116	959	1 107	965	1 011	1 186
Denmark	849	859	405	554	604	475	499	514	569	643
Estonia	206	235	79	162	230	143	54	63	57	63
Germany	15 125	14 714	10 522	12 880	12 748	13 382	12 650	12 993	13 481	13 634
Finland	1 178	1 142	799	1 155	1 213	1 291	1 356	1 491	1 549	1 706
France	11 017	9 870	7 372	8 937	8 261	8 760	9 565	10 395	10 102	9 953
Greece	251	187	133	146	167	127	135	180	86	88
Hungary	680	885	624	1 031	1 128	1 365	1 347	1 216	1 087	976
Ireland	14	13	14	8	7	6	8	11	12	21
Italy	7 075	6 720	5 070	6 744	7 664	8 341	7 225	7 142	6 698	7 316
Latvia	137	172	122	198	189	206	225	276	272	322
Lithuania	44	66	33	28	36	36	35	41	44	38
Luxembourg	791	724	545	744	631	534	619	756	682	705
Malta	0	...	0	...	0	...	...	...	0	0
Netherlands	7 671	7 310	5 817	7 090	7 367	7 155	6 912	7 817	8 481	8 080
Poland	1 014	1 076	895	883	970	1 333	1 319	1 307	1 358	1 574
Portugal	307	189	210	216	227	227	295	337	392	431
Romania	2 722	2 062	1 407	1 531	1 275	1 312	1 191	1 125	1 448	1 444
Slovak Republic	3 466	3 342	2 787	3 322	3 434	3 398	3 602	3 736	3 597	3 894
Slovenia	358	503	382	444	541	559	538	571	707	700
Spain	2 667	2 550	2 021	2 767	2 452	2 068	1 888	2 268	2 453	2 409
Sweden	2 749	2 862	1 819	2 612	2 714	2 294	2 270	2 371	2 426	2 849
United Kingdom	2 242	2 051	1 742	2 162	2 366	1 728	2 429	2 426	2 118	1 514
European Union (28)	85 027	80 828	58 145	71 772	73 886	72 670	72 038	75 282	77 271	79 206
Macedonia	747	...	112	...	450	321	237	290	286	321
Norway	237	157	64	70	77	77	70	67	69	74
Serbia	1 404	1 333	872	1 221	953	252	277	418	717	849
Switzerland	164	179	121	143	154	131	114	113	113	94
Turkey	134	1 368	1 648	1 520	2 299	1 863	2 379	2 501	2 437	3 093
Other Europe	...	19	2	2	15	17	20	25	26	32
Other Europe	2 685	3 055	2 819	2 955	3 948	2 661	3 098	3 414	3 649	4 464
Byelorussia	13	8	4	5	5	9	28	21	12	16
Kazakhstan	3 057	2 481	2 564	1 918	1 658	823	837	1 090	1 255	1 692
Russia	9 344	7 732	9 164	8 170	7 830	7 669	7 017	8 341	9 041	9 679
Ukraine	9 011	8 249	6 061	6 565	7 561	6 562	6 752	6 275	4 940	5 298
Other C.I.S.	1	3	1	1	3	3	1	5	2	4
C.I.S.	21 426	18 473	17 793	16 658	17 057	15 066	14 635	15 733	15 251	16 688
Canada	3 143	3 525	2 285	2 855	2 761	2 957	3 037	3 256	3 207	3 409
Mexico	1 039	751	1 159	1 358	1 399	1 099	1 308	1 255	1 007	1 126
United States	5 477	6 212	4 998	6 490	6 807	6 734	6 591	6 545	6 049	5 868
Other North America	...	...	...	...	5	4	4	12	206	245
North America	9 659	10 488	8 442	10 702	10 973	10 794	10 940	11 069	10 470	10 648
Argentina	433	239	439	277	186	190	177	188	144	150
Brazil	3 031	1 756	2 406	2 353	2 183	1 960	1 513	2 146	3 518	3 111
Chile	17	15	17	16	15	11	12	11	8	9
Colombia	122	135	134	138	114	92	77	75	39	46
Venezuela	728	520	...	142	581	98	80	19	72	27
Other South America	1	1	9	5	13	11	6	5	8	5
South America	4 332	2 665	3 006	2 931	3 091	2 361	1 865	2 445	3 789	3 349

Table 35
(continued)

Exports of Flat Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Egypt	292	877	743	776	777	474	1 141	770	135	401
Libya	...	...	...	...	54	10	7	...	0	2
Morocco	...	...	...	...	100	88	77	43	31	52
South Africa	2 205	1 427	1 546	1 830	1 813	1 477	1 221	1 630	1 360	1 490
Other Africa	...	...	...	...	123	65	49	36	14	4
Africa	2 497	2 304	2 290	2 606	2 867	2 114	2 495	2 479	1 540	1 949
Iran	...	...	...	...	205	225	248	695	1 179	1 631
Qatar	...	...	...	...	34	3	0	0	0	1
Saudi Arabia	...	...	...	...	544	85	88	32	61	63
United Arab Emirates	...	...	...	...	329	75	48	80	58	1 549
Other Middle East	685	8	11	15	37	16	3	3	2	6
Middle East	685	8	11	15	1 149	404	387	811	1 299	3 249
China	28 336	28 800	11 843	24 812	26 586	26 966	27 642	43 671	48 465	48 127
Hong Kong	1 899	1 448	971	1 180	1 002	881	742	769	595	71
India	3 680	3 430	2 747	3 097	4 985	4 445	6 369	5 899	4 373	5 791
Indonesia	987	893	541	539	507	255	147	448	487	552
Japan	23 574	24 327	21 804	29 423	27 741	28 136	28 504	27 783	28 589	28 812
South Korea	13 721	14 800	14 945	17 547	20 609	21 625	20 800	23 132	24 831	24 430
Malaysia	1 334	810	533	524	487	391	350	428	495	596
Singapore	931	991	769	866	1 120	1 059	1 068	800	504	494
Taiwan, China	8 293	7 222	7 414	7 728	8 297	8 587	9 251	9 683	9 229	9 709
Thailand	1 792	1 289	593	482	278	249	251	243	211	297
Viet Nam	...	...	...	...	819	796	915	1 097	1 154	1 868
Other Asia	267	4	488	892	536	670	457	443	439	407
Asia	84 814	84 014	62 649	87 090	92 967	94 060	96 497	114 396	119 372	121 154
Australia	1 021	1 173	754	1 491	1 187	443	438	447	579	529
New Zealand	238	280	...	331	361	327	368	208	273	159
Other Oceania	...	...	...	...	0	0	0	0	0	0
Oceania	1 258	1 453	754	1 821	1 549	770	806	655	852	688
World	212 383	203 288	155 909	196 551	207 486	200 899	202 761	226 284	233 494	241 395

Table 36

Imports of Flat Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	2 125	1 995	1 510	1 687	2 006	1 840	1 718	1 806	1 933	2 017
Belgium	10 716	8 644	5 390	6 472	7 674	5 921	6 472	6 805	7 809	8 710
Bulgaria	552	531	325	434	622	613	659	649	808	845
Cyprus	53	51	40	42	36	23	25	23	27	26
Czech Republic	3 410	3 630	2 511	3 368	3 633	3 715	3 665	3 766	3 844	3 991
Denmark	1 525	1 450	742	836	1 120	1 109	1 063	1 037	1 106	1 102
Estonia	493	483	193	355	456	357	283	293	281	328
Germany	14 095	14 242	9 671	12 398	13 140	12 527	12 353	13 009	13 716	14 224
Finland	659	595	332	451	501	453	441	398	367	391
France	10 344	9 617	6 352	7 900	8 005	7 082	7 197	7 350	7 386	7 813
Greece	1 733	1 698	1 094	1 025	1 022	822	853	907	823	1 026
Hungary	1 042	1 023	477	790	863	872	1 008	1 113	1 136	1 330
Ireland	319	277	132	151	166	164	166	197	208	219
Italy	12 839	12 402	7 282	9 402	10 068	7 748	9 376	10 165	12 491	12 206
Latvia	324	359	177	304	320	351	389	459	457	608
Lithuania	336	281	164	166	207	204	222	234	240	247
Luxembourg	783	845	628	781	710	648	742	773	730	786
Malta	12	8	6	7	5	4	6	6	5	5
Netherlands	4 504	3 963	2 679	3 213	3 258	3 153	3 055	3 247	3 343	3 665
Poland	4 615	4 902	3 663	4 446	5 057	5 115	5 085	5 855	6 153	6 837
Portugal	1 796	1 609	1 128	1 440	1 325	1 242	1 618	1 706	1 919	1 969
Romania	1 095	1 169	950	1 152	1 239	1 240	1 217	1 390	1 389	1 481
Slovak Republic	1 042	1 172	740	1 094	1 157	1 163	1 367	1 436	1 544	1 699
Slovenia	855	920	672	719	809	724	727	780	947	991
Spain	8 487	6 929	4 100	5 949	5 925	5 265	5 254	5 598	6 315	6 512
Sweden	2 455	2 250	1 392	2 038	2 286	2 065	1 889	1 718	1 586	1 957
United Kingdom	4 623	3 876	2 362	3 161	3 539	3 536	3 107	3 680	3 615	4 097
European Union (28)	90 832	84 919	54 714	69 779	75 149	67 957	69 959	74 401	80 177	85 083
Albania	...	...	...	...	59	59	47	51	72	61
Bosnia-Herzegovina	...	...	...	...	185	173	137	129	151	182
Croatia	...	568	...	...	327	298	309	321	382	416
Iceland	...	12	...	...	9	10	29	10	14	13
Macedonia	...	...	...	...	229	212	181	206	311	428
Montenegro	...	...	...	...	7	5	11	10	15	12
Norway	711	591	337	381	409	396	331	347	309	327
Serbia	215	253	165	113	131	238	297	294	298	233
Switzerland	1 247	1 180	762	1 069	1 165	1 051	1 027	1 040	961	974
Turkey	5 746	8 007	5 580	6 833	6 428	6 446	7 117	6 730	8 608	8 666
Other Europe	2 663	...	...	...	42	41	40	37	50	39
Other Europe	10 582	10 611	6 844	8 395	8 991	8 930	9 525	9 174	11 169	11 349
Armenia	...	...	...	...	22	22	23	26	20	24
Azerbaijan	...	...	...	...	184	271	367	380	238	249
Byelorussia	1 064	1 118	759	1 105	1 107	1 175	1 151	922	732	782
Georgia	...	...	...	...	109	148	132	162	125	155
Kazakhstan	365	244	231	165	126	205	182	469	175	184
Kyrgyzstan	...	...	...	...	85	115	140	141	103	97
Moldova	...	...	...	...	37	37	40	46	45	50
Russia	3 497	3 107	2 182	2 594	3 437	3 432	2 950	3 391	2 664	2 749
Tajikistan	...	...	...	...	40	68	98	99	111	117
Turkmenistan	...	...	...	...	23	31	48	46	37	34
Ukraine	1 188	1 393	498	830	934	1 007	1 209	785	530	727
Uzbekistan	...	...	...	...	379	479	621	716	624	598
C.I.S.	6 115	5 862	3 669	4 693	6 482	6 989	6 962	7 182	5 404	5 766

Table 36
(continued)

Imports of Flat Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	3 722	3 348	2 901	4 258	3 934	3 853	3 912	4 546	3 630	3 744
Costa Rica	272	295	149	245	265	265	273	289	293	371
Cuba	55	56	59	96	130	79	98	71	155	96
Dominican Republic	142	108	68	170	146	127	158	155	219	170
El Salvador	...	...	...	...	144	137	183	157	194	222
Guatemala	321	198	141	275	344	257	316	297	350	411
Honduras	...	...	...	...	109	164	126	159	204	226
Jamaica	19	19	9	11	9	14	16	12	11	15
Mexico	3 883	4 533	3 106	4 714	4 537	5 854	5 437	6 118	6 773	6 826
Nicaragua	...	...	...	...	48	60	39	62	86	89
Panama	119	94	104	135	122	95	167	160	160	144
Trinidad and Tobago	61	73	49	59	48	63	57	69	66	51
United States	9 391	7 996	5 661	7 561	8 753	10 179	9 824	15 640	14 734	12 687
Other North America	...	...	...	...	32	42	42	41	46	54
North America	17 984	16 718	12 247	17 525	18 620	21 189	20 647	27 777	26 922	25 105
Argentina	437	455	250	422	492	518	400	396	627	377
Bolivia	...	...	...	...	51	64	48	58	31	182
Brazil	1 002	1 569	1 546	4 134	2 358	2 101	1 989	2 315	1 839	904
Chile	617	735	392	1 001	831	1 082	1 009	1 174	1 253	1 190
Colombia	1 227	1 107	812	1 239	1 265	1 356	1 193	1 536	1 304	1 313
Ecuador	479	401	221	534	618	628	722	713	689	608
Paraguay	...	...	...	...	156	76	122	186	180	180
Peru	559	554	339	789	681	854	682	839	781	888
Uruguay	...	...	...	...	88	64	111	102	95	81
Venezuela	319	136	...	204	201	388	280	311	293	65
Other South America	...	...	...	...	33	28	38	33	36	28
South America	4 640	4 957	3 561	8 322	6 774	7 158	6 593	7 662	7 128	5 814
Algeria	265	470	290	344	459	678	709	956	1 065	800
Cameroon	21	25	22	30	40	44	56	55	55	68
Egypt	535	870	422	813	668	901	855	1 212	1 375	1 634
Ghana	115	137	105	195	297	279	298	282	328	320
Ivory Coast	58	82	61	93	106	105	111	124	152	179
Kenya	431	452	103	535	819	623	826	712	850	845
Libya	11	42	22	45	8	92	185	130	116	55
Morocco	541	659	146	377	332	299	347	350	470	426
Nigeria	544	785	681	748	984	922	1 206	1 069	939	740
Senegal	34	36	36	80	87	76	77	84	101	105
South Africa	365	405	412	524	587	646	1 088	850	1 149	912
Sudan	213	154	110	183	205	240	205	199	279	314
Tanzania	136	135	43	180	258	248	339	310	382	337
Tunisia	323	326	163	395	378	299	318	292	272	265
Other Africa	11	16	11	13	1 214	1 282	1 526	1 605	1 727	1 724
Africa	3 602	4 594	2 623	4 555	6 441	6 735	8 146	8 231	9 258	8 726
Bahrain	46	56	25	101	65	52	29	25	37	45
Iran	3 061	2 388	1 993	3 709	3 980	2 049	1 728	3 024	4 140	3 533
Iraq	9	16	47	111	180	313	433	442	478	548
Israel	618	531	382	674	680	714	804	676	784	808
Jordan	222	325	206	378	281	367	235	269	256	387
Kuwait	235	248	86	280	334	243	200	234	321	302
Lebanon	131	288	200	422	353	284	248	259	289	302
Oman	55	136	51	160	176	257	183	247	292	391
Qatar	65	57	39	33	59	49	75	79	100	140
Saudi Arabia	2 073	1 826	762	1 696	2 056	2 557	2 056	2 736	2 815	2 529
Syria	646	765	437	631	616	210	56	84	86	77
United Arab Emirates	1 712	2 380	1 026	2 045	2 108	2 371	2 151	2 684	2 772	3 004
Yemen	43	59	78	86	62	82	90	116	62	115
Other Middle East	0	1	...	0	...	...	...	...	1	0
Middle East	8 917	9 077	5 332	10 325	10 950	9 548	8 288	10 873	12 432	12 180

Table 36
(continued)

Imports of Flat Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bangladesh	629	586	489	1 161	1 078	1 118	1 265	1 507	2 020	2 394
China	14 293	12 733	15 275	13 921	13 202	11 666	11 885	12 082	10 774	11 081
Hong Kong	3 188	2 200	1 558	1 740	1 336	1 140	1 052	996	762	597
India	5 910	5 128	6 434	7 289	6 896	6 868	5 648	6 744	9 829	7 119
Indonesia	2 465	3 521	2 280	3 261	4 327	5 117	5 231	4 556	4 336	4 745
Japan	3 557	3 425	2 180	3 339	4 097	4 100	3 908	4 884	4 423	4 474
D.P.R. Korea (e)	...	...	...	...	55	50	61	79	96	131
South Korea	13 537	16 108	11 317	13 476	13 147	11 983	10 783	12 861	11 784	12 832
Malaysia	2 889	2 922	2 432	3 120	2 951	3 187	3 463	3 563	3 748	4 371
Myanmar	117	120	202	246	326	342	412	600	674	789
Pakistan	1 311	905	959	1 432	1 282	1 663	1 690	1 926	2 456	3 324
Philippines	1 233	869	1 182	2 014	2 277	944	1 118	2 926	2 752	3 111
Singapore	2 137	2 160	1 404	1 717	2 269	1 938	2 172	1 728	1 206	1 216
Sri Lanka	128	104	97	140	151	181	176	219	260	323
Taiwan, China	2 599	2 544	1 714	2 782	2 397	2 467	2 902	3 350	2 827	2 837
Thailand	5 275	6 195	3 845	6 307	6 836	8 428	9 029	8 347	8 135	8 970
Viet Nam	...	4 804	2 558	5 668	5 603	5 738	7 526	9 090	11 100	14 562
Other Asia	160	221	...	286	701	784	634	999	1 625	1 147
Asia	59 428	64 546	53 927	67 897	68 931	67 712	68 956	76 456	78 805	84 022
Australia	1 139	1 261	744	993	896	946	629	808	714	634
New Zealand	140	156	94	118	122	129	142	145	138	148
Other Oceania	21	60	48	31	37	39	44	34	89	84
Oceania	1 300	1 477	887	1 141	1 054	1 114	816	987	941	866
World	203 401	202 762	143 804	192 634	203 393	197 332	199 892	222 742	232 236	238 911

Table 37

Exports of Tubular Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	874	830	515	674	830	777	759	802	657	591
Belgium	707	703	390	372	406	340	344	310	274	335
Bulgaria	109	117	84	74	91	101	103	119	171	226
Cyprus	0	0	0	0	0	1	1	1	1	0
Czech Republic	611	577	403	506	541	562	566	628	577	539
Denmark	101	80	67	75	94	91	68	83	141	74
Estonia	32	22	10	11	14	13	13	16	14	15
Germany	3 654	3 544	2 769	3 222	4 256	3 298	2 700	2 509	2 419	2 473
Finland	58	61	45	622	952	51	30	34	33	31
France	1 406	1 362	828	927	1 213	995	880	723	584	417
Greece	243	377	256	234	297	208	158	180	323	194
Hungary	88	90	74	98	108	146	168	137	125	128
Ireland	7	8	6	8	8	9	10	14	17	40
Italy	3 423	3 587	2 816	3 114	3 451	3 441	3 209	3 533	3 411	3 572
Latvia	56	57	24	27	38	30	47	58	62	62
Lithuania	19	23	14	12	20	21	25	27	31	37
Luxembourg	2	2	1	1	1	1	1	1	2	2
Malta	0	0	0	0	0	0	0	1	0	0
Netherlands	801	646	614	564	669	522	495	526	593	492
Poland	275	324	272	301	321	366	349	386	398	421
Portugal	124	84	94	118	112	119	156	170	202	200
Romania	562	561	309	497	592	584	586	652	593	528
Slovak Republic	340	366	226	249	287	313	292	325	284	296
Slovenia	71	87	62	33	48	20	14	22	20	22
Spain	618	704	480	632	740	727	719	738	602	621
Sweden	275	270	161	202	1 432	709	116	113	99	94
United Kingdom	782	714	681	540	637	690	546	547	538	552
European Union (28)	15 238	15 196	11 202	13 113	17 157	14 138	12 355	12 653	12 169	11 966
Macedonia	130	...	62	...	127	120	113	110	124	167
Norway	41	61	49	53	41	61	43	63	49	56
Serbia	46	51	44	24	21	19	26	29	30	46
Switzerland	221	259	176	224	247	234	226	231	250	240
Turkey	528	1 682	1 523	1 664	1 651	1 900	1 851	1 864	1 354	1 724
Other Europe	...	56	33	70	117	52	37	18	19	31
Other Europe	966	2 108	1 886	2 035	2 204	2 387	2 296	2 313	1 827	2 263
Azerbaijan	...	...	...	...	89	46	49	31	11	7
Byelorussia	159	174	111	189	234	229	236	228	206	204
Kazakhstan	135	174	65	55	38	40	31	57	46	10
Russia	1 066	1 164	1 304	754	906	972	625	1 618	1 231	1 340
Ukraine	2 005	1 808	1 381	1 291	1 648	1 536	1 177	966	600	508
Other C.I.S.	2	6	5	4	12	10	33	27	24	8
C.I.S.	3 367	3 326	2 866	2 293	2 928	2 832	2 153	2 927	2 118	2 076
Canada	982	816	757	979	1 032	1 121	1 058	1 028	994	735
Mexico	786	841	562	795	914	969	1 104	1 238	896	1 018
United States	1 010	1 376	1 398	1 601	1 823	2 108	2 087	1 947	1 369	1 070
Other North America	...	...	...	...	19	23	24	21	25	57
North America	2 777	3 033	2 717	3 375	3 787	4 221	4 273	4 235	3 285	2 880
Argentina	692	812	465	573	651	596	497	507	166	...
Brazil	255	263	218	200	244	235	335	410	346	275
Chile	25	18	7	13	21	18	11	5	6	4
Colombia	88	102	41	49	65	76	32	21	20	13
Venezuela	69	55	...	3	1	0	0	0	0	0
Other South America	0	1	1	2	34	37	47	47	38	48
South America	1 130	1 252	732	840	1 015	962	922	990	576	341

Table 37
(continued) **Exports of Tubular Products**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
South Africa	88	174	106	138	148	137	131	178	166	109
Other Africa	9	37	12	4	101	64	87	66	25	21
Africa	97	210	118	142	249	201	219	244	191	130
Iran	...	...	...	...	1	2	3	0	1	128
Qatar	...	...	...	...	9	2	0	0	0	0
Saudi Arabia	...	...	...	...	99	94	86	60	61	115
United Arab Emirates	...	...	...	...	132	101	111	143	185	259
Other Middle East	66	5	9	10	176	92	96	92	52	79
Middle East	66	5	9	10	417	290	296	297	298	581
China	7 304	7 210	6 299	7 271	9 401	9 931	10 061	10 504	10 286	10 102
Hong Kong	41	35	27	22	27	32	27	33	29	9
India	1 360	1 839	1 476	2 235	2 047	1 989	1 430	1 463	1 215	1 345
Indonesia	267	267	262	490	477	527	368	465	782	150
Japan	2 696	2 814	2 061	2 825	2 802	2 937	2 715	2 894	1 745	1 730
South Korea	973	1 224	1 220	2 122	2 617	3 070	3 085	3 975	2 352	2 301
Malaysia	748	545	970	476	702	817	717	1 163	812	280
Singapore	807	700	504	509	571	569	555	463	303	248
Taiwan, China	452	503	321	478	534	504	505	578	452	430
Thailand	262	346	217	295	277	362	297	276	255	256
Viet Nam	...	...	...	...	161	348	329	223	234	356
Other Asia	55	84	72	155	614	662	507	435	212	232
Asia	14 965	15 566	13 428	16 878	20 230	21 748	20 597	22 472	18 677	17 440
Australia	27	79	43	40	38	45	38	45	61	65
New Zealand	4	7	...	6	5	6	7	5	4	7
Other Oceania	...	...	...	...	0	0	0	0	0	0
Oceania	32	86	43	46	43	51	45	50	66	71
World	38 638	40 783	33 002	38 732	48 031	46 830	43 156	46 179	39 206	37 748

Table 38

Imports of Tubular Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	462	443	464	364	441	366	366	328	327	316
Belgium	924	883	553	580	630	531	502	492	476	514
Bulgaria	254	92	50	53	59	67	75	504	144	254
Cyprus	17	19	14	9	7	7	14	6	6	7
Czech Republic	445	428	286	367	490	394	419	483	533	513
Denmark	281	263	177	206	258	276	201	219	223	223
Estonia	102	77	37	62	71	68	62	69	60	80
Germany	2 320	2 351	1 595	1 989	2 333	2 022	1 903	2 026	2 026	2 140
Finland	222	234	233	504	412	147	139	146	141	142
France	1 341	1 244	943	1 146	1 270	1 186	1 153	1 111	1 088	1 150
Greece	135	139	79	46	35	43	59	82	72	133
Hungary	235	255	153	174	167	154	173	182	196	219
Ireland	120	128	53	64	62	59	57	76	86	86
Italy	1 376	1 194	636	699	863	728	742	802	780	765
Latvia	85	60	30	47	57	54	80	72	62	60
Lithuania	119	85	43	58	80	86	91	122	116	118
Luxembourg	8	11	7	6	9	7	8	6	8	10
Malta	4	3	2	3	2	2	3	3	7	3
Netherlands	873	838	636	650	782	742	649	681	592	638
Poland	597	616	372	471	564	616	591	621	634	744
Portugal	161	163	153	109	99	94	108	121	121	119
Romania	256	311	211	218	271	259	258	309	310	338
Slovak Republic	187	191	117	156	173	168	176	217	225	220
Slovenia	98	100	74	82	110	77	77	82	92	99
Spain	826	780	463	450	436	337	366	445	506	489
Sweden	452	437	610	761	1 134	681	287	328	287	313
United Kingdom	1 083	1 090	661	789	957	902	777	944	906	986
European Union (28)	12 983	12 436	8 651	10 062	11 772	10 076	9 335	10 477	10 024	10 678
Albania	...	...	...	...	22	19	22	29	17	125
Bosnia-Herzegovina	...	...	...	...	21	18	24	33	38	41
Croatia	...	101	...	...	63	68	81	81	92	107
Iceland	...	24	...	...	4	6	15	5	9	11
Macedonia	...	...	...	...	4	4	3	5	12	8
Montenegro	...	...	...	...	3	2	4	4	6	7
Norway	138	246	312	181	268	282	283	711	360	306
Serbia	98	86	48	70	79	92	75	78	77	79
Switzerland	137	189	147	157	167	167	178	183	197	198
Turkey	170	335	234	309	356	375	435	422	542	502
Other Europe	269	...	...	...	5	8	16	14	10	12
Other Europe	812	981	741	717	992	1 041	1 135	1 565	1 359	1 394
Armenia	...	...	...	...	3	11	4	6	14	17
Azerbaijan	...	...	...	...	219	276	275	218	261	120
Byelorussia	277	316	248	334	280	319	327	282	237	230
Georgia	...	...	...	...	56	70	63	89	71	88
Kazakhstan	670	1 162	1 201	366	334	509	609	701	271	201
Kyrgyzstan	...	...	...	...	33	43	47	50	68	52
Moldova	...	...	...	...	29	26	35	39	33	27
Russia	1 341	944	553	1 247	1 611	814	807	739	439	521
Tajikistan	...	...	...	...	10	9	13	23	20	24
Turkmenistan	...	...	...	...	277	534	238	363	244	180
Ukraine	90	110	41	65	85	85	98	60	49	71
Uzbekistan	...	...	...	...	104	177	335	209	95	81
C.I.S.	2 378	2 531	2 042	2 011	3 041	2 872	2 850	2 776	1 802	1 613

Table 38
(continued)

Imports of Tubular Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	1 176	1 308	1 278	1 796	1 998	2 203	2 003	2 140	1 562	1 128
Costa Rica	15	12	15	21	24	21	30	28	41	57
Cuba	24	31	20	26	18	28	24	21	29	33
Dominican Republic	13	13	9	25	27	16	17	25	50	38
El Salvador	...	...	...	...	4	3	6	8	5	13
Guatemala	11	10	10	14	21	16	21	24	18	93
Honduras	...	...	...	...	5	4	5	11	7	9
Jamaica	9	10	4	5	8	6	4	8	6	6
Mexico	469	485	347	476	525	668	725	788	800	729
Nicaragua	...	...	...	...	3	3	7	5	11	9
Panama	23	35	36	48	52	33	107	86	65	66
Trinidad and Tobago	57	53	200	27	37	54	42	53	41	32
United States	4 679	5 574	4 367	5 408	6 734	8 349	7 488	8 493	6 952	4 567
Other North America	...	...	...	...	41	20	27	36	25	29
North America	6 477	7 531	6 286	7 846	9 496	11 424	10 507	11 726	9 612	6 809
Argentina	123	138	132	54	109	100	67	72	60	...
Bolivia	...	...	...	...	47	39	37	41	37	23
Brazil	117	194	183	245	304	314	319	221	168	105
Chile	105	229	103	129	161	234	169	157	160	145
Colombia	203	317	279	314	540	408	371	389	244	172
Ecuador	74	100	109	115	225	190	187	275	113	69
Paraguay	...	...	...	...	13	10	15	17	11	10
Peru	126	198	114	189	270	164	192	205	324	195
Uruguay	...	...	...	...	16	16	22	37	28	31
Venezuela	176	327	...	173	307	439	530	428	205	170
Other South America	...	...	...	...	17	18	14	20	23	14
South America	924	1 503	920	1 219	2 011	1 933	1 923	1 860	1 372	934
Algeria	629	885	1 313	711	279	289	367	323	413	513
Cameroon	30	25	55	34	34	52	72	49	24	21
Egypt	312	381	419	316	306	348	326	328	392	803
Ghana	23	37	42	32	70	90	59	80	139	111
Ivory Coast	6	17	12	9	5	10	14	20	12	11
Kenya	9	9	16	31	38	31	70	39	76	24
Libya	178	164	195	220	46	60	94	42	10	13
Morocco	23	35	38	29	64	50	57	61	64	90
Nigeria	213	145	200	198	243	184	331	324	222	78
Senegal	4	4	7	8	8	9	13	20	23	31
South Africa	88	110	96	108	140	149	193	134	127	112
Sudan	121	101	96	83	64	43	42	40	49	21
Tanzania	6	13	8	13	23	19	158	75	36	20
Tunisia	38	55	54	50	30	29	26	59	75	31
Other Africa	4	13	11	15	465	592	630	686	567	413
Africa	1 685	1 992	2 563	1 858	1 814	1 954	2 453	2 278	2 230	2 292
Bahrain	40	36	22	23	64	75	17	37	27	31
Iran	1 119	807	817	866	837	845	395	399	336	340
Iraq	85	259	376	716	595	1 051	1 093	670	778	522
Israel	74	97	67	100	192	115	108	165	134	187
Jordan	9	26	20	182	112	27	22	24	28	36
Kuwait	197	253	176	728	536	367	308	237	353	807
Lebanon	15	12	16	14	14	20	23	28	28	37
Oman	211	205	206	140	241	334	281	257	338	498
Qatar	317	211	195	70	105	151	87	106	89	114
Saudi Arabia	932	1 075	426	770	786	884	1 001	1 150	641	1 044
Syria	150	142	164	109	88	30	7	24	33	27
United Arab Emirates	1 040	1 581	904	1 126	1 001	1 258	1 362	1 448	1 298	1 286
Yemen	194	47	41	51	18	22	41	37	13	27
Other Middle East	0	...	...	0	0	0	2	2	0	0
Middle East	4 384	4 751	3 430	4 896	4 590	5 179	4 748	4 585	4 096	4 956

Table 38
(continued)

Imports of Tubular Products

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bangladesh	39	18	63	54	44	97	58	53	77	70
China	682	978	683	531	563	454	461	510	412	423
Hong Kong	174	143	128	161	200	213	204	247	213	199
India	840	574	508	674	813	642	576	657	643	752
Indonesia	355	748	565	804	831	1 264	1 129	856	718	630
Japan	224	190	181	209	275	314	312	362	303	303
D.P.R. Korea (e)	...	...	...	...	17	18	19	25	31	37
South Korea	577	552	522	685	874	862	903	882	809	763
Malaysia	953	930	513	717	729	851	951	867	395	652
Myanmar	53	56	68	164	432	506	211	180	248	271
Pakistan	95	105	78	53	56	88	141	129	257	255
Philippines	190	123	130	210	233	94	113	230	328	377
Singapore	1 234	1 159	850	887	932	991	917	858	626	522
Sri Lanka	36	18	28	42	43	35	39	32	41	42
Taiwan, China	285	245	119	181	233	199	201	190	198	190
Thailand	590	515	375	423	575	642	661	799	679	780
Viet Nam	...	258	225	340	295	301	307	418	499	361
Other Asia	109	177	...	125	2 732	1 056	504	499	700	290
Asia	6 434	6 788	5 036	6 259	9 880	8 627	7 707	7 794	7 178	6 917
Australia	304	737	735	693	607	1 048	844	1 281	1 344	369
New Zealand	69	94	53	59	60	77	78	91	80	81
Other Oceania	13	15	15	17	24	21	34	38	45	27
Oceania	387	846	803	770	691	1 146	955	1 410	1 468	477
World	36 465	39 358	30 473	35 638	44 287	44 251	41 612	44 472	39 142	36 070

Table 39

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

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria (1)	4 664	4 429	3 540	4 002	4 440	4 171	4 066	4 111	4 460	4 374
Belgium-Luxembourg (1)	5 800	5 590	4 230	4 854	5 299	4 472	4 412	4 551	4 557	4 617
Bulgaria	2 188	1 967	785	833	1 127	1 008	1 100	1 526	1 368	1 460
Croatia	1 096	1 184	828	782	702	663	684	675	720	922
Cyprus	534	528	327	366	248	173	139	115	153	164
Czech Republic (1)	7 599	7 555	5 207	6 379	6 985	6 747	6 765	7 145	7 630	7 720
Denmark	2 188	1 920	990	1 129	1 530	1 528	1 518	1 521	1 563	1 654
Estonia	537	429	187	313	375	340	350	365	340	462
Finland (1)	2 820	2 539	1 715	1 540	1 225	2 104	1 888	1 875	1 872	1 951
France	19 147	17 775	12 290	15 454	16 304	14 130	14 566	14 472	14 520	15 251
Germany (1)	45 992	44 900	29 100	40 479	45 141	40 829	41 700	42 800	42 400	42 800
Greece	4 439	3 858	2 712	2 055	1 545	1 097	1 230	1 387	1 097	1 626
Hungary (1)	3 048	3 130	1 764	2 420	2 173	1 959	2 144	2 400	2 702	2 937
Ireland	1 213	961	382	453	425	436	433	513	605	603
Italy (1)	38 102	35 286	21 280	27 212	28 143	22 810	23 218	23 222	25 957	25 535
Latvia	564	449	290	393	622	214	230	344	293	362
Lithuania	786	590	282	381	472	493	558	631	604	715
Malta	74	58	48	60	36	35	33	42	46	45
Netherlands (1)	6 100	5 492	3 662	4 285	4 869	4 996	4 707	4 012	4 144	4 700
Poland	14 002	12 450	8 414	10 309	11 635	10 986	11 241	12 955	13 632	14 049
Portugal	3 630	3 510	2 455	2 659	2 361	2 144	2 509	2 240	2 479	2 405
Romania	5 957	5 524	2 827	3 511	4 025	3 549	3 522	4 085	4 266	4 339
Slovak Republic (1)	2 592	2 413	1 566	2 033	2 082	2 078	2 279	2 413	2 468	2 535
Slovenia	1 525	1 362	957	1 083	1 121	981	968	1 002	1 059	1 132
Spain (1)	27 500	24 200	12 500	14 100	14 000	11 510	11 873	12 449	13 467	13 517
Sweden (1)	5 295	4 732	2 801	3 970	4 244	3 819	3 915	3 695	3 679	4 224
United Kingdom (1)	16 245	14 389	8 808	11 358	11 489	10 839	10 955	11 768	11 811	12 058
European Union (28)	223 636	207 223	129 947	162 411	172 619	154 110	157 002	162 315	167 893	172 158
Albania	567	463	622	516	566	648	631	603	328	512
Bosnia-Herzegovina	660	695	473	521	536	512	541	533	516	828
Iceland	123	93	33	36	37	39	111	38	53	65
Macedonia	261	233	288	303	149	82	61	197	233	425
Montenegro	88	70	91	124	121	118	84	157	192	182
Norway	1 290	1 269	991	904	1 133	1 074	1 024	1 529	1 104	1 081
Serbia	1 099	1 153	828	477	642	496	427	520	704	865
Switzerland	2 706	2 603	2 065	2 615	2 805	2 871	2 959	2 949	2 750	2 982
Turkey (1)	25 309	22 862	19 198	25 131	28 665	30 286	33 305	32 750	36 570	36 250
Other Europe	32 105	29 440	24 589	30 628	34 653	36 125	39 142	39 277	42 451	43 190
Azerbaijan	842	987	826	934	988	1 187	1 453	1 468	1 060	652
Byelorussia	2 460	2 644	1 946	2 747	2 655	2 778	2 764	2 292	1 810	1 800
Georgia	277	330	207	215	220	289	148	251	347	418
Kazakhstan (1)	3 328	2 663	2 930	2 339	2 475	3 090	3 878	3 061	2 982	2 572
Moldova	296	297	263	134	225	186	222	203	313	96
Russia (1)	46 959	40 896	28 477	41 444	47 981	49 488	49 671	49 423	44 746	43 424
Ukraine (1)	9 713	7 806	4 474	6 305	7 307	7 057	6 331	4 810	3 799	4 900
Uzbekistan	1 383	1 412	1 629	1 358	1 387	1 604	1 971	2 025	1 842	1 835
C.I.S.	65 258	57 036	40 752	55 477	63 237	65 679	66 437	63 533	56 899	55 697

Table 39
(continued)

	Apparent Steel Use (crude steel equivalent)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada (1)	18 248	16 799	10 591	15 656	15 746	17 305	16 445	17 527	14 827	16 717
Costa Rica (2)	558	763	523	564	659	760	879	877	969	894
Cuba (2)	130	138	109	140	140	150	158	165	160	151
Dominican Republic (2)	289	325	278	360	303	381	412	573	473	484
El Salvador (2)	434	316	95	243	290	304	303	341	360	357
Guatemala (2)	798	615	271	350	358	718	817	1 118	1 176	1 054
Honduras (2)	203	321	113	92	204	239	184	198	393	356
Mexico (1)	25 537	24 505	17 565	20 648	23 140	23 714	22 904	26 073	27 707	28 421
Nicaragua (2)	173	157	81	53	77	113	119	125	120	114
Panama (2)	333	360	377	455	232	273	648	626	553	588
Trinidad and Tobago (2)	549	302	264	342	303	318	334	351	338	320
United States (1)	120 381	110 500	69 400	92 400	101 000	108 300	106 300	121 600	108 333	102 570
North America	167 633	155 101	99 667	131 302	142 451	152 575	149 503	169 574	155 408	152 027
Argentina (1)	5 290	5 457	3 652	5 268	6 087	5 582	5 775	5 712	5 991	4 796
Bolivia (2)	199	129	98	127	130	130	566	673	629	679
Brazil (1)	24 511	26 720	20 640	29 004	28 993	29 526	31 131	28 451	23 657	20 241
Chile (2)	2 765	3 005	1 960	2 738	3 148	3 457	3 105	3 031	3 215	3 172
Colombia (2)	3 091	2 865	2 481	3 134	3 603	3 926	4 393	4 980	5 078	4 610
Ecuador (2)	920	1 539	1 222	1 454	2 047	1 760	2 262	1 942	1 989	1 831
Paraguay (2)	121	54	143	237	276	244	256	269	260	340
Peru (2)	1 805	2 514	1 854	2 832	2 833	3 130	3 235	3 392	4 084	3 820
Uruguay (2)	112	167	125	168	231	261	243	236	249	210
Venezuela (1)	4 489	4 194	3 270	2 786	3 216	3 707	3 550	2 526	2 271	926
South America	43 303	46 644	35 444	47 748	50 564	51 722	54 516	51 212	47 423	40 626
Algeria (1)	3 232	4 108	4 752	3 403	4 208	5 160	6 268	6 858	6 656	6 320
Angola	26	1 060	1 014	679	843	1 113	1 091	1 108	834	319
Benin	122	107	157	120	146	178	127	147	138	123
Cameroon	161	164	181	171	166	249	248	288	288	259
Congo	130	120	114	81	122	153	255	295	160	101
Dem. Rep. of the Congo	64	92	85	85	109	116	135	170	145	106
Djibouti	97	143	145	146	157	214	128	170	626	723
Egypt (1)	5 793	6 864	9 829	9 306	8 370	10 182	9 900	10 930	11 622	12 501
Equatorial Guinea	66	72	84	119	112	138	137	115	83	42
Ethiopia	441	316	543	332	490	745	860	895	1 111	1 090
Gabon	98	99	78	106	132	145	150	162	100	70
Ghana	281	504	464	533	852	785	767	841	969	914
Guinea	46	64	65	71	106	86	123	119	152	119
Ivory Coast	137	189	181	223	205	220	285	322	369	423
Kenya	620	657	885	860	1 296	1 021	1 400	1 427	1 824	1 598
Libya (1)	1 279	1 201	2 089	1 564	72	997	1 701	1 808	1 539	1 539
Madagascar	66	178	88	76	87	89	103	117	119	150
Mauritania	61	54	67	77	125	134	153	186	133	127
Mauritius	115	121	105	131	103	91	98	93	121	109
Morocco (1)	1 578	2 084	1 919	1 814	3 110	2 889	3 081	2 817	3 000	3 177
Mozambique	188	159	182	200	208	289	384	426	391	269
Nigeria	1 339	1 828	1 983	1 524	1 968	1 957	2 427	2 154	1 873	1 381
Senegal	222	209	287	362	431	394	335	413	448	552
South Africa (1)	6 629	6 779	4 931	5 534	5 900	5 827	6 295	5 663	5 858	5 500
Sudan (1)	430	362	437	374	328	371	293	333	356	358
Tanzania	225	272	344	355	474	439	777	643	712	587
Tunisia (1)	823	1 092	794	990	858	850	838	867	889	899
Togo	94	58	83	149	122	187	165	199	203	171
Uganda	101	119	121	200	161	78	131	160	155	132
Zambia	134	133	118	124	180	158	209	170	181	157
Zimbabwe	55	42	45	80	114	120	126	136	158	167
Other Africa	339	377	496	442	513	485	687	676	822	890
Africa	24 992	29 627	32 664	30 234	32 067	35 862	39 676	40 707	42 035	40 873

Table 39
(continued)

	Apparent Steel Use (crude steel equivalent)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bahrain (1)	333	348	270	354	206	237	276	296	302	284
Iran (1)	20 343	16 717	19 496	21 878	23 467	21 081	21 998	22 089	21 911	21 228
Iraq (1)	1 062	1 342	2 363	2 388	2 937	3 783	4 144	3 601	3 387	3 692
Israel	1 460	1 549	1 669	1 873	2 160	2 307	2 584	2 775	3 110	3 466
Jordan (1)	1 040	1 271	1 380	1 181	1 092	1 190	1 122	1 191	1 236	1 249
Kuwait (1)	1 083	1 448	973	1 202	1 072	1 224	1 397	1 582	1 609	1 613
Lebanon (1)	483	613	898	846	950	928	868	947	976	996
Oman (1)	699	951	620	1 026	1 068	1 190	1 364	1 510	1 619	1 570
Qatar (1)	994	1 741	1 700	1 291	1 103	1 202	1 373	1 582	1 663	1 639
Saudi Arabia (1)	9 328	12 246	10 158	10 800	12 600	13 500	14 000	14 600	14 000	12 650
Syria (1)	2 492	2 027	2 774	2 090	1 490	776	471	289	293	293
United Arab Emirates (1)	8 569	13 435	6 934	7 364	7 592	7 656	7 413	7 771	7 756	8 514
Yemen (1)	492	577	861	578	382	587	500	971	621	534
Middle East	48 380	54 265	50 096	52 871	56 118	55 661	57 510	59 204	58 482	57 729
Bangladesh	905	817	1 726	1 916	2 064	2 390	2 533	2 798	4 208	4 186
China (1)	435 860	465 480	574 420	612 063	667 941	687 609	772 340	739 980	700 351	708 637
Hong Kong, China	2 707	1 985	1 703	1 929	1 886	1 991	2 436	2 727	3 773	3 231
India (1)	55 491	56 209	64 360	69 082	73 154	77 436	80 656	86 537	89 466	95 779
Indonesia (3)	8 694	10 587	8 908	10 744	13 148	15 006	15 237	15 483	13 656	15 214
Japan (1)	85 900	83 200	56 000	67 400	69 600	68 800	70 800	72 900	67 800	67 500
North Korea	1 383	1 264	1 330	1 279	1 373	1 350	1 352	1 407	1 507	1 522
South Korea (1)	57 404	61 011	47 303	54 573	58 741	56 322	53 919	57 834	58 125	59 520
Malaysia (3)	8 947	9 873	7 727	9 668	9 578	10 374	11 685	11 720	11 629	11 925
Mongolia	136	124	133	133	317	377	464	480	366	212
Myanmar	569	533	876	991	1 292	1 549	1 554	2 317	2 605	2 560
Pakistan	3 249	2 396	2 621	2 173	3 189	3 788	4 210	4 820	6 464	8 121
Philippines (3)	3 950	4 134	3 993	4 650	5 940	6 986	7 796	8 517	10 186	11 253
Singapore (1)	3 800	4 226	3 540	3 350	4 900	4 782	5 345	4 791	5 019	3 540
Sri Lanka	507	417	423	517	580	664	638	731	1 028	1 152
Taiwan, China (1)	21 700	20 290	13 530	21 350	21 715	21 332	22 285	23 469	21 032	21 932
Thailand (3)	14 160	15 655	12 501	16 378	16 881	19 047	20 732	20 544	19 403	22 340
Viet Nam (3)	10 833	9 516	12 700	12 293	11 276	12 740	13 685	16 226	20 510	25 088
Asia	716 195	747 718	813 793	890 489	963 574	992 543	1 087 666	1 073 279	1 037 128	1 063 712
Australia (1)	8 126	8 224	5 916	7 716	6 672	7 152	6 376	7 142	6 968	6 478
New Zealand (1)	1 230	1 190	740	971	931	974	1 016	1 140	1 067	999
Other Oceania	79	131	126	151	142	145	135	140	188	230
Oceania	9 435	9 545	6 782	8 838	7 744	8 271	7 527	8 422	8 222	7 707
World	1 330 937	1 336 598	1 233 734	1 409 997	1 523 028	1 552 549	1 658 980	1 667 523	1 615 941	1 633 717

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEAI.

Table 40

Apparent Steel Use per Capita
(kg crude steel)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria (1)	561.1	531.2	422.9	475.9	524.8	489.7	474.0	476.2	513.9	502.1
Belgium-Luxembourg (1)	518.8	496.3	372.7	424.4	459.8	385.1	377.2	386.2	384.0	386.4
Bulgaria	289.2	261.9	105.3	112.5	153.3	137.9	151.4	211.3	190.6	204.8
Croatia	251.1	272.1	190.8	180.6	162.7	154.4	159.8	158.6	169.9	218.9
Cyprus	502.3	488.3	298.0	329.1	220.5	152.0	121.6	99.9	132.1	140.4
Czech Republic (1)	733.7	724.8	496.5	605.4	660.9	637.3	638.5	674.2	719.6	727.6
Denmark	400.0	349.2	179.2	203.2	274.0	272.4	269.3	268.5	274.8	289.6
Estonia	399.5	320.4	140.3	235.0	282.5	256.3	264.6	276.9	258.9	351.8
Finland (1)	532.3	477.3	321.0	287.0	227.3	388.7	347.3	343.4	341.5	354.5
France	309.0	285.2	196.0	245.2	257.4	222.0	227.9	225.5	225.3	235.6
Germany (1)	565.4	553.4	359.4	500.4	557.7	503.6	513.1	525.2	518.9	522.5
Greece	390.0	337.9	237.0	179.6	135.2	96.4	108.7	123.1	97.8	145.4
Hungary (1)	304.1	313.3	177.1	243.8	219.5	198.5	217.8	244.6	276.2	301.1
Ireland	275.9	214.1	83.6	97.8	91.2	93.2	92.4	109.4	128.7	127.6
Italy (1)	642.4	593.0	356.8	455.6	470.9	381.9	389.1	389.7	436.2	429.7
Latvia	256.5	206.9	135.2	185.3	297.3	103.4	112.5	170.7	146.9	183.9
Lithuania	241.1	183.6	89.0	122.0	153.1	162.2	186.3	212.9	205.9	246.0
Malta	180.1	139.5	116.1	143.2	86.1	83.2	78.4	98.7	108.5	104.0
Netherlands (1)	369.5	331.5	220.3	256.8	290.9	297.6	279.5	237.5	244.6	276.7
Poland	365.3	324.9	219.6	269.0	303.6	286.7	293.4	338.3	356.3	367.5
Portugal	341.5	329.5	230.3	249.6	222.2	202.6	238.3	214.0	238.0	231.8
Romania	283.2	265.3	137.1	171.7	198.4	175.9	175.5	204.5	214.6	219.4
Slovak Republic (1)	480.1	447.0	289.9	376.3	384.9	383.6	420.1	444.2	453.8	465.7
Slovenia	757.5	672.9	469.9	529.7	545.7	476.3	468.4	483.9	510.4	544.8
Spain (1)	605.8	526.1	269.0	301.4	298.4	245.6	254.2	267.6	290.2	291.6
Sweden (1)	577.9	512.3	300.7	422.8	448.4	400.3	407.2	381.3	376.9	429.4
United Kingdom (1)	264.5	231.8	140.4	179.4	180.0	168.7	169.5	181.0	180.6	183.3
European Union (28)	448.1	413.7	258.6	322.4	341.9	304.8	310.1	320.2	330.8	338.8
Albania	187.5	154.7	210.1	175.6	193.3	221.8	216.0	206.5	112.1	175.1
Bosnia-Herzegovina	175.0	184.7	126.3	140.1	145.4	140.3	150.0	149.5	146.0	235.4
Iceland	402.8	298.5	103.6	112.6	114.3	120.2	339.1	115.3	161.9	194.2
Macedonia	126.3	112.6	139.4	146.3	71.7	39.4	29.6	95.0	112.1	204.4
Montenegro	142.7	112.0	145.4	198.5	192.9	188.9	134.3	250.5	305.3	288.9
Norway	273.4	266.0	205.3	185.1	229.0	214.2	201.7	297.4	212.3	205.7
Serbia	120.3	126.7	91.3	52.8	71.4	55.3	47.8	58.5	79.6	98.1
Switzerland	358.0	340.4	266.8	333.9	353.7	357.4	363.8	358.4	330.5	354.9
Turkey (1)	363.6	324.6	269.1	347.5	390.5	406.1	439.5	425.2	467.2	455.9
Other Europe	318.5	289.4	239.5	295.2	330.3	340.3	364.2	361.0	385.4	387.4
Azerbaijan	96.5	111.8	92.5	103.4	108.0	128.1	154.8	154.4	110.3	67.0
Byelorussia	258.0	278.1	205.1	290.0	280.4	293.3	291.6	241.6	190.8	189.9
Georgia	63.2	76.1	48.2	50.9	52.8	70.3	36.5	62.8	87.9	106.5
Kazakhstan (1)	210.1	166.4	181.1	142.6	148.7	182.6	225.4	175.0	168.0	143.0
Moldova	71.7	72.2	64.3	32.7	55.1	45.7	54.4	50.0	77.0	23.6
Russia (1)	328.0	285.8	199.0	289.5	334.9	345.1	345.9	343.8	311.0	301.6
Ukraine (1)	209.4	169.0	97.3	137.7	160.3	155.6	140.3	107.2	85.1	110.3
Uzbekistan	50.7	51.0	57.9	47.5	47.7	54.3	65.7	66.4	59.5	58.3
C.I.S.	251.5	219.6	156.6	212.7	241.9	250.5	252.7	240.9	215.2	210.2

Table 40
(continued)

	Apparent Steel Use per Capita (kg crude steel)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada (1)	552.6	502.9	313.4	458.2	455.9	495.8	466.4	492.3	412.4	460.7
Costa Rica (2)	127.7	172.3	116.5	124.1	143.2	163.3	186.8	184.3	201.5	184.0
Cuba (2)	11.5	12.2	9.6	12.4	12.3	13.2	13.8	14.4	14.0	13.2
Dominican Republic (2)	30.4	33.7	28.5	36.4	30.2	37.5	40.1	55.1	44.9	45.5
El Salvador (2)	71.3	51.7	15.5	39.4	46.8	48.9	48.5	54.3	57.0	56.3
Guatemala (2)	58.2	43.9	18.9	23.9	23.9	47.0	52.4	70.2	72.4	63.5
Honduras (2)	26.3	40.8	14.1	11.2	24.4	28.1	21.3	22.5	43.9	39.1
Mexico (1)	228.3	215.6	152.1	176.0	194.3	196.3	186.9	209.9	220.1	222.8
Nicaragua (2)	31.3	28.1	14.3	9.2	13.3	19.2	20.0	20.8	19.7	18.5
Panama (2)	96.4	102.4	105.3	124.9	62.6	72.4	168.8	160.3	139.3	145.8
Trinidad and Tobago (2)	419.3	229.6	199.8	257.5	227.0	237.0	247.7	259.1	248.5	234.5
United States (1)	400.5	364.2	226.7	299.4	324.7	345.6	336.9	382.7	338.6	318.4
North America	329.7	301.6	191.7	249.8	268.3	284.5	276.2	310.3	281.8	273.1
Argentina (1)	132.3	135.1	89.5	127.8	146.1	132.6	135.8	132.9	138.0	109.4
Bolivia (2)	21.1	13.4	10.0	12.8	12.9	12.7	54.4	63.7	58.6	62.4
Brazil (1)	128.3	138.5	105.9	147.4	145.9	147.2	153.8	139.3	114.9	97.5
Chile (2)	167.7	180.3	116.4	161.1	183.5	199.7	177.8	172.1	181.0	177.1
Colombia (2)	69.7	63.8	54.6	68.3	77.6	83.7	92.8	104.2	105.3	94.7
Ecuador (2)	64.8	106.5	83.2	97.4	134.9	114.1	144.4	122.1	123.2	111.8
Paraguay (2)	20.3	8.9	23.3	38.2	43.9	38.2	39.6	41.1	39.2	50.6
Peru (2)	63.8	87.8	63.9	96.4	95.2	103.8	105.8	109.5	130.2	120.2
Uruguay (2)	33.5	49.8	37.2	49.8	68.2	76.8	71.3	69.0	72.6	60.9
Venezuela (1)	162.1	149.0	114.4	96.0	109.1	124.0	117.1	82.2	72.9	29.3
South America	113.7	121.1	91.0	121.3	127.0	128.6	134.1	124.7	114.3	97.0
Algeria (1)	94.2	117.8	134.0	94.2	114.3	137.4	163.5	175.3	166.9	155.6
Angola	1.2	48.7	44.9	29.0	34.8	44.4	41.9	41.1	29.9	11.1
Benin	14.5	12.3	17.5	13.0	15.4	18.3	12.7	14.3	13.1	11.3
Cameroon	8.7	8.7	9.3	8.6	8.1	11.8	11.5	12.9	12.6	11.0
Congo	32.7	29.1	26.9	18.6	26.9	33.0	53.7	60.6	32.1	19.7
Dem. Rep. of the Congo	1.0	1.4	1.2	1.2	1.5	1.5	1.7	2.1	1.8	1.2
Djibouti	120.1	173.5	173.3	172.1	181.1	242.9	142.7	186.3	674.7	766.8
Egypt (1)	72.8	84.8	119.2	110.6	97.4	116.0	110.2	119.0	123.9	130.6
Equatorial Guinea	79.5	83.5	92.3	124.7	113.0	132.9	126.1	101.6	70.4	34.6
Ethiopia	5.4	3.8	6.4	3.8	5.4	8.1	9.1	9.2	11.1	10.6
Gabon	65.5	64.2	49.2	64.8	78.1	82.4	82.3	86.4	51.8	35.5
Ghana	12.4	21.6	19.4	21.8	33.9	30.5	29.1	31.2	35.1	32.4
Guinea	4.6	6.2	6.2	6.6	9.6	7.6	10.6	10.0	12.6	9.6
Ivory Coast	7.2	9.7	9.1	10.9	9.8	10.2	13.0	14.3	16.0	17.9
Kenya	16.3	16.8	22.0	20.8	30.5	23.4	31.2	31.0	38.6	33.0
Libya (1)	214.2	198.4	341.2	253.6	11.6	160.9	274.6	291.4	246.8	244.5
Madagascar	3.4	8.9	4.3	3.6	4.0	4.0	4.5	4.9	4.9	6.0
Mauritania	18.4	15.9	19.2	21.4	33.5	34.9	38.8	45.9	31.8	29.6
Mauritius	93.1	97.3	84.4	104.6	82.3	72.9	78.4	73.7	96.1	86.4
Morocco (1)	50.5	66.0	60.0	56.0	94.6	86.7	91.1	82.1	86.2	90.0
Mozambique	8.5	7.0	7.7	8.3	8.3	11.2	14.5	15.6	14.0	9.3
Nigeria	9.1	12.2	12.8	9.6	12.1	11.7	14.1	12.2	10.3	7.4
Senegal	18.7	17.2	22.9	28.1	32.4	28.8	23.7	28.4	29.9	35.8
South Africa (1)	132.9	134.5	96.7	107.3	112.9	109.9	117.1	103.8	105.9	98.2
Sudan (1)	13.3	11.0	13.0	10.9	9.3	10.3	8.0	8.8	9.2	9.0
Tanzania	5.4	6.3	7.7	7.7	10.0	8.9	15.3	12.3	13.2	10.6
Tunisia (1)	80.0	104.9	75.5	93.0	79.7	78.1	76.1	77.8	78.8	78.8
Togo	15.7	9.4	13.1	22.9	18.2	27.2	23.4	27.5	27.4	22.5
Uganda	3.3	3.8	3.7	5.9	4.6	2.1	3.5	4.1	3.8	3.2
Zambia	10.6	10.1	8.7	9.0	12.6	10.8	13.8	10.9	11.3	9.5
Zimbabwe	4.1	3.1	3.2	5.7	7.9	8.1	8.4	8.8	10.0	10.4
Other Africa	2.7	2.9	3.7	3.2	3.6	3.3	4.6	4.4	5.2	5.5
Africa	25.8	29.8	32.1	28.9	29.9	32.6	35.1	35.1	35.4	33.5

Table 40
(continued)

Apparent Steel Use per Capita
(kg crude steel)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bahrain (1)	321.8	312.7	227.8	285.6	160.8	182.0	209.5	221.2	219.9	199.6
Iran (1)	282.4	229.5	264.6	293.4	310.9	275.7	284.1	281.7	276.1	264.4
Iraq (1)	37.4	46.1	79.0	77.6	92.6	115.4	122.3	102.9	93.8	99.2
Israel	210.9	218.2	229.6	252.2	285.3	299.7	330.4	349.5	385.7	423.1
Jordan (1)	168.0	195.9	202.3	164.4	144.2	148.9	133.4	135.2	134.9	132.1
Kuwait (1)	432.7	545.8	345.3	401.0	336.0	360.5	388.1	418.3	408.8	398.1
Lebanon (1)	118.3	149.2	214.6	195.0	207.0	188.7	164.5	168.9	166.8	165.7
Oman (1)	262.5	344.7	215.1	337.2	329.8	343.5	367.6	381.2	385.4	354.8
Qatar (1)	835.9	1 253.2	1 068.7	725.5	565.2	569.9	610.2	666.4	669.9	637.7
Saudi Arabia (1)	369.4	472.1	381.0	393.8	446.2	464.1	467.5	474.4	443.6	391.9
Syria (1)	126.9	99.7	133.2	99.4	71.4	38.0	23.8	15.1	15.7	15.9
United Arab Emirates (1)	1 417.8	1 948.7	904.5	890.4	875.4	860.2	823.1	856.7	847.3	918.5
Yemen (1)	22.6	25.8	37.5	24.5	15.8	23.6	19.5	37.0	23.1	19.4
Middle East	244.7	267.2	240.3	247.5	256.7	249.1	252.2	254.6	246.9	239.4
Bangladesh	6.2	5.5	11.5	12.6	13.4	15.3	16.1	17.5	26.1	25.7
China (1)	326.0	346.2	424.8	450.1	488.4	500.0	558.5	532.3	501.3	504.9
Hong Kong, China	392.3	286.1	243.9	274.6	266.8	280.1	340.8	379.0	520.7	442.4
India (1)	47.0	47.0	53.0	56.1	58.7	61.3	63.1	66.9	68.3	72.3
Indonesia (3)	37.3	44.8	37.2	44.3	53.5	60.3	60.5	60.7	52.9	58.3
Japan (1)	668.5	647.2	435.6	524.3	541.6	535.7	551.8	568.8	529.8	528.4
North Korea	57.1	52.0	54.4	52.0	55.5	54.3	54.1	56.0	59.7	60.0
South Korea (1)	1 170.0	1 239.6	958.0	1 101.3	1 180.8	1 127.5	1 074.7	1 147.8	1 148.9	1 171.8
Malaysia (3)	336.0	364.2	279.9	343.9	334.5	355.6	393.3	387.7	378.5	382.4
Mongolia	52.3	47.1	50.0	48.9	114.9	133.8	161.6	164.0	122.9	69.9
Myanmar	11.6	10.8	17.6	19.7	25.6	30.4	30.2	44.6	49.7	48.4
Pakistan	20.3	14.6	15.7	12.7	18.3	21.3	23.2	26.0	34.1	42.0
Philippines (3)	44.2	45.6	43.3	49.6	62.3	72.1	79.2	85.1	100.1	108.9
Singapore (1)	803.0	871.1	712.9	660.2	946.7	907.2	997.0	879.4	906.8	629.6
Sri Lanka	25.6	20.9	21.1	25.6	28.6	32.5	31.1	35.4	49.6	55.4
Taiwan, China (1)	950.4	884.9	587.8	924.1	936.6	917.0	954.8	1 002.4	895.5	931.0
Thailand (3)	213.9	235.3	186.9	243.7	250.0	280.7	304.2	300.3	282.6	324.4
Viet Nam (3)	126.1	109.7	145.0	138.9	126.1	140.8	149.6	175.3	219.2	265.3
Asia	197.1	203.7	219.5	237.8	254.8	259.9	282.2	275.9	264.2	268.6
Australia (1)	387.9	385.3	272.1	348.8	296.8	313.4	275.4	304.2	292.8	268.5
New Zealand (1)	290.6	278.1	171.2	222.2	210.7	218.0	224.9	249.6	231.2	214.3
Other Oceania	8.5	13.8	13.0	15.3	14.1	14.1	13.0	13.1	17.3	20.8
Oceania	273.5	271.7	189.7	243.0	209.5	220.3	197.5	217.7	209.5	193.6
World	202.2	200.6	182.9	206.5	220.4	222.0	234.5	233.0	223.2	223.2

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEAI.

Table 41

Apparent Steel Use
(finished steel products)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria (1)	4 090	3 885	3 105	3 510	3 894	3 658	3 566	3 606	3 911	3 836
Belgium-Luxembourg (1)	5 600	5 400	4 100	4 611	5 034	4 248	4 191	4 323	4 329	4 386
Bulgaria	2 002	1 843	736	783	1 060	946	1 034	1 435	1 286	1 373
Croatia	1 030	1 113	779	735	660	624	643	635	676	738
Cyprus	496	491	305	341	231	161	130	107	143	153
Czech Republic (1)	6 568	6 536	4 506	5 520	6 063	5 850	5 865	6 195	6 615	6 695
Denmark	2 031	1 784	923	1 052	1 426	1 425	1 416	1 420	1 461	1 546
Estonia	498	399	175	292	350	317	326	341	318	431
Finland (1)	2 541	2 313	1 560	1 404	1 116	1 917	1 720	1 709	1 706	1 778
France	17 867	16 580	11 490	14 438	15 218	13 204	13 617	13 526	13 575	14 270
Germany (1)	42 720	42 367	28 205	36 238	40 712	37 497	38 013	39 642	39 265	40 500
Greece	4 172	3 627	2 549	1 932	1 452	1 031	1 156	1 304	1 031	1 529
Hungary (1)	2 649	2 730	1 533	1 777	1 888	1 706	1 863	2 086	2 343	2 546
Ireland	1 126	893	356	422	396	407	404	479	565	563
Italy (1)	35 930	33 289	20 075	25 652	26 550	21 519	21 904	21 908	24 488	24 089
Latvia	530	422	273	369	585	201	216	321	274	339
Lithuania	729	548	263	355	440	460	521	589	564	669
Malta	69	53	45	56	34	33	31	39	43	42
Netherlands (1)	5 228	4 748	3 023	3 518	4 081	4 026	3 742	3 463	3 608	3 943
Poland	12 921	11 642	7 875	9 653	10 899	10 295	10 533	12 144	12 781	13 173
Portugal	3 406	3 295	2 304	2 494	2 216	2 012	2 357	2 103	2 328	2 258
Romania	5 571	5 168	2 645	3 286	3 764	3 322	3 297	3 830	3 997	4 064
Slovak Republic (1)	2 294	2 136	1 386	1 800	1 843	1 839	2 017	2 136	2 184	2 244
Slovenia	1 396	1 248	875	991	1 025	899	886	914	966	1 033
Spain (1)	24 500	17 997	11 876	13 068	13 114	10 433	10 923	11 599	12 552	12 571
Sweden (1)	4 856	4 339	2 569	3 640	3 892	3 502	3 590	3 388	3 374	3 873
United Kingdom (1)	14 316	13 033	7 878	9 894	10 225	9 647	9 593	10 655	10 484	10 877
European Union (28)	205 137	187 878	121 405	147 829	158 166	141 178	143 553	149 895	154 868	159 520
Albania	533	435	585	485	532	609	593	567	308	482
Bosnia-Herzegovina	618	652	444	488	502	480	508	501	485	778
Iceland	114	86	30	34	34	37	103	35	50	60
Macedonia	245	219	271	285	140	77	58	186	219	400
Montenegro	82	65	85	116	113	111	79	148	180	171
Norway	1 212	1 192	931	847	1 062	1 006	960	1 433	1 035	1 013
Serbia	1 033	1 084	778	448	604	466	401	489	662	813
Switzerland	2 544	2 447	1 941	2 458	2 636	2 699	2 781	2 772	2 585	2 803
Turkey (1)	23 770	21 453	18 026	23 567	26 931	28 468	31 301	30 773	34 381	34 077
Other Europe	30 152	27 633	23 091	28 728	32 555	33 952	36 784	36 904	39 905	40 597
Azerbaijan	791	927	776	878	928	1 116	1 366	1 380	997	613
Byelorussia	2 304	2 475	1 824	2 578	2 494	2 612	2 598	2 154	1 701	1 692
Georgia	257	307	193	201	205	269	138	234	325	391
Kazakhstan (1)	2 995	2 397	2 637	2 105	2 227	2 781	3 490	2 755	2 684	2 315
Moldova	278	279	248	126	211	175	208	191	294	90
Russia (1)	40 379	35 467	24 828	36 745	41 490	42 793	43 310	43 146	39 824	38 647
Ukraine (1)	8 052	6 699	3 922	5 480	6 332	6 148	5 569	4 282	3 323	4 267
Uzbekistan	1 296	1 324	1 528	1 275	1 302	1 506	1 853	1 904	1 731	1 725
C.I.S.	56 353	49 877	35 957	49 387	55 191	57 400	58 532	56 046	50 879	49 740

Table 41
(continued)

Apparent Steel Use
(finished steel products)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada (1)	15 511	14 675	9 531	14 090	14 171	15 575	14 800	15 775	13 344	15 045
Costa Rica (2)	502	686	471	508	593	684	791	798	872	804
Cuba (2)	117	124	98	126	129	135	142	149	144	136
Dominican Republic (2)	260	292	251	324	272	343	371	516	426	436
El Salvador (2)	391	284	85	218	261	274	273	307	324	322
Guatemala (2)	719	553	244	315	322	646	735	1 007	1 058	948
Honduras (2)	183	289	102	83	190	215	166	178	354	321
Mexico (1)	17 106	17 737	15 175	17 760	19 804	20 911	20 574	23 421	24 778	25 393
Nicaragua (2)	156	142	73	47	72	105	110	116	112	106
Panama (2)	300	335	351	424	209	246	584	564	498	530
Trinidad and Tobago (2)	494	272	238	307	272	300	315	331	319	302
United States (1)	108 285	98 409	59 206	79 897	89 200	96 200	95 700	106 957	96 131	91 860
North America	144 024	133 798	85 825	114 099	125 495	135 634	134 561	150 119	138 360	136 204
Argentina (1)	4 617	4 786	3 203	4 620	5 338	4 899	5 065	5 009	5 254	4 206
Bolivia (2)	179	116	88	114	117	120	523	621	581	627
Brazil (1)	22 060	24 048	18 576	26 669	26 094	26 573	28 018	25 606	21 291	18 217
Chile (2)	2 310	2 568	1 705	2 382	2 738	3 008	2 701	2 637	2 797	2 760
Colombia (2)	2 760	2 558	2 233	2 799	3 218	3 506	3 488	3 954	4 032	3 660
Ecuador (2)	828	1 316	1 045	1 243	1 750	1 505	1 934	1 660	1 701	1 566
Paraguay (2)	109	49	129	213	248	220	231	243	234	307
Peru (2)	1 543	2 149	1 585	2 421	2 422	2 676	2 766	2 900	3 492	3 266
Uruguay (2)	101	151	113	151	208	245	228	222	234	197
Venezuela (1)	3 647	3 400	2 684	2 266	2 606	2 990	2 872	2 038	1 844	735
South America	38 154	41 141	31 360	42 878	44 740	45 741	47 826	44 891	41 460	35 540
Algeria (1)	2 909	3 697	4 277	3 063	3 787	4 644	5 641	6 173	5 990	5 688
Angola	24	984	944	632	786	1 038	1 018	1 034	779	298
Benin	114	99	146	112	136	166	118	137	129	115
Cameroon	149	153	169	159	155	233	232	269	269	242
Congo	121	111	107	76	113	143	238	276	150	94
Dem. Rep. of the Congo	60	86	80	80	103	109	127	160	136	100
Djibouti	90	133	135	136	146	200	119	159	585	675
Egypt (1)	5 510	7 460	11 054	9 332	7 780	9 468	9 207	10 182	10 862	11 683
Equatorial Guinea	61	67	78	110	105	129	128	107	77	39
Ethiopia	409	293	506	310	457	695	803	835	1 038	1 018
Gabon	91	92	73	99	123	135	140	151	94	66
Ghana	264	474	436	501	801	738	721	791	911	859
Guinea	43	60	61	66	99	80	114	111	142	112
Ivory Coast	127	176	168	207	191	205	266	301	345	396
Kenya	583	617	832	808	1 218	960	1 316	1 342	1 715	1 503
Libya (1)	1 151	1 081	1 880	1 408	65	898	1 531	1 627	1 385	1 385
Madagascar	61	166	82	71	81	83	96	109	111	140
Mauritania	49	43	54	62	100	107	122	149	106	102
Mauritius	107	112	98	122	96	85	92	87	113	102
Morocco (1)	1 420	1 876	1 727	1 633	2 799	2 600	2 773	2 535	2 700	2 859
Mozambique	174	148	170	187	194	269	358	397	366	251
Nigeria	1 259	1 718	1 864	1 433	1 850	1 840	2 282	2 025	1 760	1 298
Senegal	206	195	267	338	402	368	313	386	419	516
South Africa (1)	5 807	6 126	4 456	5 001	5 332	5 266	5 689	5 117	5 294	4 970
Sudan (1)	387	326	393	337	295	334	264	300	320	322
Tanzania	209	252	320	331	441	410	725	601	665	548
Tunisia (1)	741	983	715	891	772	765	754	781	800	809
Togo	87	54	77	139	113	174	154	185	190	160
Uganda	95	112	114	188	152	73	123	151	145	124
Zambia	125	123	110	116	168	148	195	159	169	147
Zimbabwe	72	39	42	74	106	112	118	127	148	156
Other Africa	314	350	462	412	478	453	641	632	768	832
Africa	22 819	28 207	31 895	28 434	29 443	32 927	36 417	37 392	38 683	37 609

Table 41
(continued)

Apparent Steel Use
(finished steel products)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bahrain (1)	300	314	243	319	185	213	248	266	272	256
Iran (1)	18 309	15 045	17 546	19 690	21 120	18 973	19 798	19 880	19 720	19 105
Iraq (1)	956	1 208	2 127	2 149	2 643	3 405	3 730	3 241	3 048	3 323
Israel	1 372	1 456	1 568	1 761	2 030	2 169	2 429	2 609	2 924	3 258
Jordan (1)	936	1 144	1 242	1 063	983	1 071	1 010	1 072	1 112	1 124
Kuwait (1)	975	1 303	876	1 082	965	1 102	1 257	1 424	1 448	1 452
Lebanon (1)	435	552	808	761	855	835	781	852	878	896
Oman (1)	629	856	558	923	961	1 071	1 228	1 359	1 457	1 413
Qatar (1)	895	1 567	1 530	1 162	993	1 082	1 236	1 424	1 496	1 475
Saudi Arabia (1)	8 418	9 613	10 006	10 720	12 000	12 540	13 300	14 100	13 500	12 200
Syria (1)	2 243	1 824	2 497	1 881	1 341	698	424	261	264	264
United Arab Emirates (1)	7 712	12 092	6 241	6 628	6 833	7 044	6 820	7 149	7 136	7 833
Yemen (1)	443	519	775	520	344	529	450	874	559	481
Middle East	43 623	47 492	46 017	48 659	51 253	50 731	52 710	54 510	53 813	53 079
Bangladesh	840	806	1 673	1 858	2 003	2 311	2 442	2 696	4 026	4 005
China (1)	418 426	446 861	551 443	587 581	641 223	660 105	741 446	710 381	672 337	680 292
Hong Kong, China	2 512	1 845	1 587	1 797	1 757	1 857	2 273	2 546	3 526	3 019
India (1)	51 482	51 438	57 892	64 940	69 788	72 383	73 652	75 931	80 198	83 643
Indonesia (3)	7 245	8 823	7 420	8 950	10 952	12 500	12 692	12 898	11 375	12 673
Japan (1)	81 180	77 950	52 790	63 570	64 100	63 950	65 240	67 690	62 950	62 170
North Korea	1 106	1 011	1 064	1 023	1 098	1 080	1 082	1 126	1 206	1 218
South Korea (1)	55 203	58 572	45 414	52 390	56 391	54 069	51 762	55 521	55 800	57 076
Malaysia (3)	7 694	8 491	6 645	8 314	8 238	8 922	10 049	10 079	10 001	10 256
Mongolia	127	116	125	125	298	354	436	451	344	199
Myanmar	535	501	823	931	1 214	1 456	1 461	2 178	2 449	2 406
Pakistan	2 599	1 917	2 097	1 738	2 551	3 030	3 368	4 530	6 076	7 633
Philippines (3)	3 397	3 555	3 434	3 999	5 108	6 008	6 705	7 325	8 760	9 677
Singapore (1)	2 900	3 396	2 804	2 680	3 897	3 826	4 276	3 833	4 016	2 832
Sri Lanka	477	392	397	486	545	624	600	687	966	1 083
Taiwan, China (1)	18 080	16 910	11 280	17 790	18 096	17 777	18 571	19 558	17 527	18 277
Thailand (3)	12 718	13 466	10 750	14 085	14 518	16 380	17 829	17 667	16 686	19 212
Viet Nam (3)	9 316	8 184	10 922	10 572	9 698	10 956	11 769	14 441	18 254	22 328
Asia	675 838	704 232	768 560	842 829	911 476	937 589	1 025 652	1 009 537	976 497	998 000
Australia (1)	7 337	7 426	5 341	6 966	6 024	6 458	5 757	6 449	6 291	5 849
New Zealand (1)	930	900	560	735	700	737	769	843	808	753
Other Oceania	73	122	117	141	132	135	126	130	175	215
Oceania	8 340	8 448	6 019	7 842	6 856	7 330	6 652	7 422	7 275	6 817
World	1 224 441	1 228 705	1 150 130	1 310 685	1 415 175	1 442 482	1 542 688	1 546 715	1 501 740	1 517 106

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEAI.

Table 42

Apparent Steel Use per Capita
(kg finished steel products)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria (1)	492.1	465.9	370.9	417.4	460.3	429.5	415.7	417.7	450.7	440.3
Belgium-Luxembourg (1)	500.9	479.4	361.2	403.1	436.8	365.8	358.3	366.9	364.8	367.1
Bulgaria	264.5	245.4	98.7	105.8	144.1	129.5	142.3	198.6	179.2	192.5
Croatia	236.1	255.8	179.4	169.8	153.0	145.2	150.2	149.1	159.7	175.2
Cyprus	466.2	453.6	277.6	306.6	205.5	141.8	113.5	93.3	123.4	131.2
Czech Republic (1)	634.2	627.0	429.7	523.9	573.7	552.6	553.6	584.5	623.8	631.0
Denmark	371.3	324.5	166.9	189.3	255.4	254.1	251.2	250.7	256.8	270.6
Estonia	370.7	297.7	130.7	218.9	263.3	239.0	246.9	258.5	241.9	328.7
Finland (1)	479.6	434.8	292.0	261.7	207.1	354.1	316.4	313.0	311.2	323.1
France	288.4	266.0	183.3	229.1	240.2	207.5	213.0	210.7	210.6	220.5
Germany (1)	525.2	522.2	348.4	448.0	503.0	462.5	467.8	466.5	480.6	494.4
Greece	366.6	317.6	222.7	168.8	127.1	90.6	102.1	115.8	91.9	136.7
Hungary (1)	264.3	273.2	153.9	179.0	190.7	172.9	189.3	212.5	239.5	261.0
Ireland	256.0	198.9	77.9	91.1	85.0	86.9	86.2	102.1	120.3	119.2
Italy (1)	605.8	559.5	336.6	429.5	444.3	360.2	367.1	367.7	411.5	405.3
Latvia	241.1	194.5	127.1	174.2	279.4	97.2	105.7	159.4	137.3	171.8
Lithuania	223.8	170.6	82.9	113.6	142.7	151.3	173.9	198.8	192.4	229.9
Malta	167.2	129.6	108.1	133.4	80.3	77.6	73.1	92.2	101.4	97.2
Netherlands (1)	316.7	286.6	181.8	210.9	243.8	239.8	222.2	205.0	213.0	232.1
Poland	337.1	303.8	205.5	251.9	284.4	268.7	275.0	317.1	334.0	344.6
Portugal	320.4	309.3	216.1	234.1	208.6	190.1	223.8	200.9	223.5	217.7
Romania	264.8	248.2	128.3	160.8	185.5	164.7	164.3	191.7	201.1	205.5
Slovak Republic (1)	424.9	395.6	256.6	333.0	340.7	339.5	371.8	393.1	401.6	412.1
Slovenia	693.3	616.3	429.9	484.7	499.1	436.1	428.7	441.5	465.5	497.4
Spain (1)	539.7	391.3	255.5	279.3	279.6	222.7	233.9	249.3	270.5	271.2
Sweden (1)	529.9	469.8	275.8	387.7	411.2	367.0	373.4	349.7	345.6	393.7
United Kingdom (1)	233.1	210.0	125.6	156.3	160.2	150.1	148.4	163.9	160.3	165.3
European Union (28)	411.0	375.1	241.6	293.4	313.3	279.2	283.5	295.7	305.2	313.9
Albania	176.2	145.4	197.5	165.1	181.7	208.5	203.0	194.1	105.4	164.6
Bosnia-Herzegovina	163.9	173.2	118.5	131.1	136.2	131.7	141.0	140.6	137.3	221.3
Iceland	373.8	277.3	96.5	104.9	106.6	112.1	316.4	107.6	151.3	181.5
Macedonia	118.8	105.8	131.0	137.5	67.4	37.0	27.8	89.3	105.3	192.1
Montenegro	132.0	105.2	136.7	186.6	181.3	177.6	126.3	235.4	287.0	271.6
Norway	256.8	249.9	192.8	173.3	214.6	200.6	189.0	278.8	199.0	192.9
Serbia	113.1	119.1	85.8	49.6	67.1	52.0	44.9	55.0	74.8	92.2
Switzerland	336.5	320.0	250.8	313.8	332.4	336.0	342.0	336.9	310.7	333.6
Turkey (1)	341.5	304.6	252.7	325.8	366.9	381.8	413.0	399.5	439.3	428.6
Other Europe	299.1	271.7	224.9	276.9	310.3	319.8	342.3	339.2	362.3	364.2
Azerbaijan	90.7	105.1	87.0	97.2	101.5	120.4	145.5	145.2	103.6	63.0
Byelorussia	241.6	260.4	192.3	272.1	263.4	275.7	274.1	227.1	179.3	178.5
Georgia	58.6	70.7	44.9	47.4	49.2	65.5	34.1	58.6	82.2	99.5
Kazakhstan (1)	189.1	149.8	163.0	128.4	133.8	164.4	202.8	157.5	151.2	128.7
Moldova	67.4	67.9	60.5	30.8	51.8	42.9	51.2	47.0	72.3	22.1
Russia (1)	282.1	247.9	173.5	256.7	289.6	298.4	301.6	300.1	276.8	268.5
Ukraine (1)	173.6	145.0	85.3	119.7	138.9	135.6	123.4	95.4	74.4	96.0
Uzbekistan	47.5	47.8	54.3	44.6	44.8	51.0	61.7	62.4	55.9	54.8
C.I.S.	217.2	192.0	138.2	189.4	211.1	219.0	222.6	212.5	192.4	187.7

Table 42
(continued)

	Apparent Steel Use per Capita (kg finished steel products)									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada (1)	469.8	439.3	282.1	412.4	410.3	446.3	419.8	443.0	371.2	414.6
Costa Rica (2)	114.9	154.9	104.9	111.8	128.9	147.0	168.1	167.7	181.4	165.6
Cuba (2)	10.4	11.0	8.7	11.1	11.4	11.9	12.4	13.0	12.6	11.9
Dominican Republic (2)	27.4	30.3	25.7	32.7	27.1	33.8	36.1	49.6	40.5	40.9
El Salvador (2)	64.3	46.5	13.8	35.4	42.1	44.0	43.7	48.9	51.3	50.8
Guatemala (2)	52.5	39.5	17.0	21.5	21.5	42.3	47.1	63.2	65.1	57.2
Honduras (2)	23.7	36.7	12.7	10.1	22.8	25.3	19.2	20.2	39.5	35.2
Mexico (1)	153.0	156.1	131.4	151.4	166.3	173.1	167.9	188.5	196.8	199.1
Nicaragua (2)	28.3	25.4	12.9	8.2	12.4	17.9	18.5	19.3	18.4	17.2
Panama (2)	86.9	95.3	98.1	116.4	56.4	65.2	152.1	144.5	125.5	131.4
Trinidad and Tobago (2)	377.3	206.8	180.1	231.2	203.8	223.6	233.6	244.4	234.5	221.3
United States (1)	360.2	324.4	193.4	258.9	286.8	307.0	303.3	336.6	300.5	285.1
North America	283.3	260.2	165.0	217.1	236.3	252.9	248.6	274.7	250.9	244.7
Argentina (1)	115.5	118.5	78.5	112.1	128.1	116.4	119.1	116.5	121.0	95.9
Bolivia (2)	19.0	12.1	9.0	11.5	11.6	11.7	50.3	58.8	54.2	57.6
Brazil (1)	115.5	124.6	95.3	135.5	131.3	132.5	138.4	125.4	103.4	87.7
Chile (2)	140.1	154.1	101.3	140.2	159.6	173.8	154.7	149.7	157.5	154.1
Colombia (2)	62.2	57.0	49.2	61.0	69.3	74.8	73.7	82.7	83.6	75.2
Ecuador (2)	58.3	91.1	71.1	83.2	115.3	97.6	123.5	104.4	105.4	95.6
Paraguay (2)	18.3	8.1	21.1	34.3	39.4	34.5	35.7	37.1	35.2	45.6
Peru (2)	54.5	75.0	54.7	82.4	81.4	88.7	90.5	93.6	111.3	102.8
Uruguay (2)	30.2	45.1	33.6	44.7	61.4	72.1	66.9	64.9	68.2	57.2
Venezuela (1)	131.7	120.8	93.9	78.1	88.5	100.0	94.7	66.3	59.2	23.3
South America	100.2	106.8	80.5	108.9	112.4	113.7	117.6	109.3	99.9	84.9
Algeria (1)	84.8	106.1	120.6	84.8	102.9	123.6	147.1	157.8	150.2	140.1
Angola	1.2	45.2	41.9	27.1	32.5	41.4	39.1	38.4	28.0	10.4
Benin	13.4	11.4	16.3	12.2	14.3	17.1	11.8	13.3	12.2	10.5
Cameroon	8.1	8.1	8.7	8.0	7.6	11.0	10.7	12.1	11.8	10.3
Congo	30.4	27.1	25.0	17.3	25.1	30.8	50.1	56.6	30.0	18.4
Dem. Rep. of the Congo	0.9	1.3	1.2	1.1	1.4	1.4	1.6	2.0	1.6	1.2
Djibouti	111.4	161.2	161.4	160.4	168.8	226.6	133.2	174.0	630.6	716.5
Egypt (1)	69.3	92.2	134.0	111.0	90.6	107.8	102.5	110.9	115.8	122.1
Equatorial Guinea	73.8	77.5	86.0	116.2	105.3	123.9	117.7	94.8	65.8	32.3
Ethiopia	5.1	3.5	5.9	3.5	5.1	7.5	8.5	8.6	10.4	9.9
Gabon	60.8	59.7	45.8	60.4	72.8	76.8	76.8	80.7	48.5	33.2
Ghana	11.6	20.3	18.3	20.5	31.9	28.7	27.4	29.3	33.0	30.4
Guinea	4.2	5.8	5.7	6.1	9.0	7.1	9.9	9.4	11.8	9.0
Ivory Coast	6.6	9.0	8.4	10.2	9.1	9.6	12.1	13.3	14.9	16.7
Kenya	15.3	15.8	20.7	19.5	28.7	22.0	29.4	29.1	36.3	31.0
Libya (1)	192.8	178.6	307.1	228.2	10.4	144.8	247.1	262.2	222.1	220.1
Madagascar	3.2	8.3	4.0	3.4	3.7	3.7	4.2	4.6	4.6	5.6
Mauritania	14.7	12.8	15.3	17.1	26.8	27.9	31.0	36.7	25.4	23.7
Mauritius	86.4	90.4	78.7	97.5	76.7	68.0	73.2	68.8	89.8	80.7
Morocco (1)	45.5	59.4	54.0	50.4	85.2	78.0	82.0	73.9	77.6	81.0
Mozambique	7.9	6.5	7.2	7.7	7.8	10.5	13.5	14.6	13.1	8.7
Nigeria	8.6	11.4	12.1	9.0	11.4	11.0	13.3	11.5	9.7	7.0
Senegal	17.4	15.9	21.3	26.1	30.2	26.8	22.1	26.5	28.0	33.5
South Africa (1)	116.4	121.5	87.4	96.9	102.0	99.4	105.8	93.8	95.7	88.7
Sudan (1)	12.0	9.9	11.7	9.8	8.4	9.3	7.2	7.9	8.3	8.1
Tanzania	5.0	5.8	7.2	7.2	9.3	8.3	14.3	11.5	12.3	9.9
Tunisia (1)	72.0	94.5	68.0	83.7	71.7	70.3	68.5	70.0	71.0	70.9
Togo	14.6	8.7	12.2	21.3	17.0	25.4	21.8	25.6	25.6	21.0
Uganda	3.1	3.5	3.5	5.5	4.3	2.0	3.3	3.9	3.6	3.0
Zambia	9.8	9.4	8.1	8.4	11.8	10.1	12.9	10.2	10.5	8.8
Zimbabwe	5.4	2.9	3.0	5.3	7.4	7.6	7.8	8.2	9.4	9.7
Other Africa	2.5	2.7	3.5	3.0	3.4	3.1	4.3	4.1	4.8	5.1
Africa	23.6	28.4	31.3	27.2	27.5	29.9	32.2	32.3	32.5	30.9

Table 42
(continued)

Apparent Steel Use per Capita
(kg finished steel products)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bahrain (1)	289.6	281.4	205.1	257.1	144.7	163.8	188.5	199.0	197.9	179.3
Iran (1)	254.2	206.5	238.1	264.1	279.8	248.2	255.7	253.5	248.5	238.0
Iraq (1)	33.7	41.5	71.1	69.9	83.3	103.9	110.1	92.6	84.4	89.3
Israel	198.2	205.1	215.8	237.1	268.2	281.7	310.6	328.5	362.5	397.7
Jordan (1)	151.2	176.3	182.1	148.0	129.8	134.0	120.0	121.6	121.4	118.9
Kuwait (1)	389.4	491.3	310.8	360.9	302.4	324.5	349.3	376.5	367.9	358.3
Lebanon (1)	106.4	134.3	193.2	175.5	186.3	169.8	148.0	152.1	150.1	149.1
Oman (1)	236.2	310.3	193.6	303.5	296.9	309.1	330.9	343.1	346.9	319.3
Qatar (1)	752.3	1 127.9	961.8	652.9	508.7	512.9	549.2	599.7	603.0	574.0
Saudi Arabia (1)	333.4	370.6	375.3	390.9	425.0	431.1	444.2	458.1	427.8	378.0
Syria (1)	114.2	89.7	119.9	89.5	64.3	34.2	21.4	13.6	14.1	14.3
United Arab Emirates (1)	1 276.0	1 753.9	814.1	801.4	787.9	791.4	757.3	788.2	779.5	845.0
Yemen (1)	20.4	23.2	33.7	22.0	14.2	21.2	17.6	33.3	20.8	17.4
Middle East	220.7	233.8	220.7	227.7	234.4	227.1	231.1	234.4	227.2	220.1
Bangladesh	5.7	5.4	11.1	12.2	13.0	14.8	15.5	16.9	25.0	24.6
China (1)	313.0	332.4	407.9	432.1	468.9	480.0	536.2	511.0	481.3	484.7
Hong Kong, China	364.1	265.8	227.2	255.9	248.7	261.3	318.0	353.8	486.6	413.4
India (1)	43.6	43.0	47.7	52.8	56.0	57.3	57.6	58.7	61.3	63.2
Indonesia (3)	31.1	37.4	31.0	36.9	44.6	50.2	50.4	50.6	44.1	48.5
Japan (1)	631.7	606.4	410.6	494.5	498.8	498.0	508.4	528.2	491.9	486.7
North Korea	45.7	41.6	43.5	41.6	44.4	43.5	43.3	44.8	47.8	48.0
South Korea (1)	1 125.2	1 190.0	919.7	1 057.3	1 133.6	1 082.4	1 031.7	1 101.9	1 102.9	1 123.7
Malaysia (3)	289.0	313.2	240.7	295.8	287.7	305.8	338.3	333.4	325.5	328.8
Mongolia	49.2	44.3	47.0	45.9	108.1	125.8	151.9	154.2	115.5	65.7
Myanmar	10.9	10.1	16.5	18.6	24.0	28.6	28.4	42.0	46.7	45.5
Pakistan	16.2	11.7	12.6	10.2	14.6	17.0	18.5	24.4	32.1	39.5
Philippines (3)	38.0	39.2	37.2	42.7	53.6	62.0	68.1	73.2	86.1	93.7
Singapore (1)	612.8	700.0	564.7	528.2	752.9	725.8	797.6	703.6	725.4	503.7
Sri Lanka	24.1	19.6	19.8	24.1	26.8	30.6	29.2	33.3	46.6	52.1
Taiwan, China (1)	791.8	737.5	490.1	770.0	780.5	764.1	795.7	835.3	746.3	775.9
Thailand (3)	192.1	202.4	160.7	209.6	215.0	241.4	261.6	258.2	243.0	279.0
Viet Nam (3)	108.5	94.4	124.7	119.5	108.4	121.1	128.6	156.0	195.1	236.1
Asia	186.0	191.9	207.3	225.1	241.0	245.6	266.1	259.5	248.7	252.0
Australia (1)	350.3	347.9	245.7	314.9	268.0	283.0	248.7	274.7	264.3	242.4
New Zealand (1)	219.7	210.4	129.5	168.2	158.4	165.0	170.2	184.6	175.1	161.6
Other Oceania	7.9	12.8	12.1	14.2	13.1	13.2	12.1	12.3	16.2	19.5
Oceania	241.7	240.5	168.3	215.6	185.5	195.2	174.5	191.9	185.4	171.2
World	186.0	184.4	170.5	192.0	204.8	206.3	218.1	216.1	207.5	207.3

(1) - data supplied by country.

(2) - data supplied by ALACERO.

(3) - data supplied by SEAI.

Table 43

Production of Pig Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	5 908	5 795	4 353	5 621	5 815	5 751	6 152	6 029	5 805	5 642
Belgium	6 577	6 977	3 087	4 688	4 725	4 073	4 343	4 388	4 248	4 869
Bulgaria	1 069	441								
Czech Republic	5 287	4 737	3 483	3 987	4 137	3 935	4 040	4 152	4 031	4 165
Germany	30 562	28 592	19 715	28 112	27 563	26 493	26 678	27 379	27 842	27 270
Finland	2 915	2 943	2 042	2 564	2 500	2 130	2 050	2 475	2 594	2 670
France	12 426	11 372	8 104	10 137	9 698	9 532	10 276	10 866	10 097	9 724
Hungary	1 393	1 289	1 050	1 325	1 317	1 229	628	801	1 247	864
Italy	11 110	10 377	5 692	8 555	9 838	9 424	6 933	6 371	5 051	6 044
Netherlands	6 412	5 998	4 601	5 799	5 943	5 917	5 681	5 868	6 050	6 092
Poland	5 804	4 934	2 984	3 638	3 975	3 952	4 011	4 637	4 821	4 674
Romania	3 923	2 958	1 575	1 726	1 593	1 467	1 604	1 631	1 983	1 972
Slovak Republic	4 012	3 529	3 019	3 649	3 346	3 520	3 617	3 838	3 738	3 987
Spain	3 976	3 784	2 920	3 572	3 540	3 081	3 949	3 958	4 450	4 116
Sweden	3 816	3 583	1 966	3 447	3 240	2 805	2 896	3 078	2 865	3 079
United Kingdom	10 960	10 137	7 671	7 233	6 625	7 183	9 471	9 705	8 774	6 142
European Union (28)	116 150	107 446	72 263	94 054	93 855	90 493	92 328	95 176	93 596	91 312
Bosnia-Herzegovina		243	483	621	685	750	759	860	845	778
Norway	111	108	83	108	101	100	106	102	100	100
Serbia	1 485	1 582	1 008	1 235	1 226	312	365	550	904	1 154
Turkey	6 235	6 704	7 004	7 679	8 173	8 613	9 180	9 364	10 184	10 304
Other Europe	7 832	8 637	8 577	9 643	10 184	9 774	10 411	10 876	12 033	12 336
Kazakhstan	3 240	2 761	2 409	2 640	3 190	2 831	2 756	3 185	3 235	6 901
Russia	51 043	48 295	43 945	47 934	48 117	50 529	50 111	51 479	52 553	51 877
Ukraine	35 647	30 981	25 676	27 349	28 867	28 500	29 094	24 788	21 797	23 618
C.I.S.	89 930	82 037	72 030	77 923	80 174	81 860	81 962	79 452	77 585	82 396
Canada	8 579	8 770	5 273	7 666	7 323	7 654	6 100	6 728	5 851	6 240
Mexico	4 078	4 450	3 919	4 707	4 609	4 611	4 911	5 115	4 573	4 476
United States	36 337	33 729	19 018	26 843	30 227	32 062	30 308	29 374	25 435	22 293
North America	48 993	46 949	28 209	39 216	42 159	44 328	41 319	41 218	35 859	33 008
Argentina	2 593	2 581	2 042	2 532	2 801	2 073	2 650	2 766	2 685	2 141
Brazil	35 571	34 925	25 135	30 955	33 319	26 900	26 200	27 016	27 803	26 036
Chile	1 147	1 109	923	635	1 072	1 068	766	584	644	677
Colombia	341	308	342	327	302	345	307	234	240	225
Paraguay	110	94	71	81	42	67	69	71	73	50
Peru	353	345								
South America	40 115	39 362	28 513	34 531	37 535	30 454	29 992	30 671	31 446	29 130
Algeria	1 193	690	680	696	360	350	300	300	300	300 e
Egypt	1 000	900	800	600	600	550	550	550	500	500 e
South Africa	5 358	5 138	4 444	5 429	4 604	4 599	4 928	4 402	4 464	4 311
Zimbabwe	38									
Africa	7 588	6 729	5 924	6 725	5 564	5 499	5 778	5 252	5 264	5 111
Iran	2 118	2 176	2 433	2 540	2 242	2 143	2 007	2 782	2 459	2 251
Middle East	2 118	2 176	2 433	2 540	2 242	2 143	2 007	2 782	2 459	2 251

Table 43
(continued)

Production of Pig Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
China	476 604	483 226	568 634	595 601	645 429	670 102	748 084	713 748	691 413	698 190
India	36 488	37 313	38 233	39 560	43 624	47 987	51 359	55 166	58 394	63 714
Japan	86 771	86 171	66 943	82 283	81 028	81 405	83 849	83 872	81 011	80 186
DPR Korea (e)	250	250	250	250	250	250	250	250	250	250 e
South Korea	29 437	31 043	27 284	35 065	42 213	41 734	41 045	46 909	47 639	46 336
Malaysia	...	...	...	...	...	...	...	...	477	522
Pakistan	1 002	915	629	415	358	198	165	142	163	
Taiwan, China	10 518	9 823	7 939	9 358	12 718	11 785	13 319	14 440	14 370	14 890
Viet Nam	170	255	275	500	600	650	650	1 393	1 700	2 600
Asia	641 240	648 996	710 187	763 032	826 220	854 111	938 721	915 921	895 415	906 687
Australia	6 369	6 057	4 370	6 005	5 265	3 710	3 477	3 282	3 594	640
New Zealand	679	622	608	667	659	670	682	680	678	670
Oceania	7 048	6 679	4 978	6 672	5 925	4 381	4 160	3 962	4 272	1 310
World	961 014	949 011	933 115	1 034 337	1 103 856	1 123 042	1 206 677	1 185 311	1 157 930	1 163 542

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

Table 44

Exports of Pig Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	7	6	3	4	1	0	1	2	2	5
Belgium	289	294	160	254	258	236	231	173	144	174
Bulgaria	62	24	1	1	1	1	2	2	1	2
Czech Republic	31	30	24	64	46	83	68	43	16	16
Germany	145	154	86	181	178	125	137	116	141	146
Finland	...	14	11	3	0	14	6	0	0	5
France	90	88	151	52	53	44	42	35	34	37
Italy	51	36	62	38	22	52	40	49	59	60
Netherlands	198	339	170	156	191	269	113	172	220	271
Poland	8	5	6	17	22	79	50	80	65	85
Portugal	4	...	0	19	20	17	18	38	47	51
Romania	0	0	...	0	0	0	0	0	0	0
Slovak Republic	10	21	29	67	27	29	38	15	17	32
Slovenia	6	25	4	10	22	19	11	13	4	5
Spain	12	10	5	3	6	11	17	9	5	14
Sweden	153	63	141	146	111	88	35	67	77	90
United Kingdom	16	3	27	5	2	4	2	2	3	0
Other E.U.	2	4	2	3	4	2	2	4	1	4
European Union (28)	1 085	1 115	884	1 024	964	1 074	811	819	837	997
Bosnia-Herzegovina	10	3	0	8	37	54	45	39	39	5
Serbia	59	81	65	70	47	37	1	22	8	21
Turkey	28	10	11	8	9	8	6	5	5	10
Other Europe	0	26	0	2	0	0	0	0	0	0
Other Europe	97	120	76	88	93	99	52	65	52	36
Kazakhstan	14	14	3	...	1	1	1	3	2	35
Russia	6 178	5 690	4 077	3 479	4 240	3 996	3 946	4 359	5 339	5 142
Ukraine	2 055	1 472	1 370	1 481	1 774	1 966	2 261	2 212	2 152	2 540
Other C.I.S.	...	17	...	9	3	10	5	0	0	0
C.I.S.	8 247	7 193	5 450	4 969	6 017	5 974	6 213	6 574	7 494	7 717
Canada	114	183	91	142	107	148	76	21	16	46
United States	85	268	22	81	126	122	44	52	67	62
Other North America	48	17	3	1	1	0	0	0	0	0
North America	247	469	116	223	234	270	121	73	83	108
Brazil	5 953	6 300	3 158	2 309	3 247	3 027	2 692	2 588	2 752	2 179
Other South America	9	1	16	4	1	0	3	15	17	0
South America	5 963	6 301	3 174	2 313	3 248	3 028	2 695	2 604	2 768	2 179
Algeria	46	50	65	33	27	23	9	17	14	...
South Africa	580	558	577	624	595	614	632	740	434	311
Other Africa	1	39	0	11	0	0	0	0	...	...
Africa	626	648	642	668	623	637	641	757	447	311
Iran	...	2	101	14	36	0	0	0	0	7
United Arab Emirates	0	8	...	1	20	...	0	0	...	...
Other Middle East	1	68	0	2	32	34	43	...	3	40
Middle East	1	78	101	17	88	35	43	0	3	47

Table 44
(continued)

Exports of Pig Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
China	689	251	237	707	872	302	265	242	169	133
India	820	613	397	752	1 197	394	1 063	835	542	556
Indonesia	0	0	94	117	...	2	63	286	283	569
Japan	46	41	590	33	51	402	283	47	54	17
D.P.R. Korea (e)	95	202	77	243	234	187	166	166	135	135
South Korea	86	138	11	7	37	41	2	3	0	4
Taiwan, China	32	60	32	41	29	17	17	12	12	9
Thailand	2	23	1	0	0	1	2	1	1	2
Viet Nam	49	22	148	58	9	...	...	74	46	71
Other Asia	5	26	65	361	2	0	10	2	92	110
Asia	1 825	1 375	1 651	2 318	2 433	1 345	1 870	1 668	1 334	1 605
Australia	96	81	3	3	1	0	0	0	0	0
New Zealand	...	0	0	...	...	0	...	...	0	...
Other Oceania	...	0	...	0	...	...	...	...	...	...
Oceania	96	81	3	3	1	0	0	0	0	0
World	18 186	17 380	12 097	11 623	13 700	12 461	12 446	12 561	13 019	13 001

Table 45

Imports of Pig Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	65	44	29	25	31	19	21	18	62	76
Belgium	589	503	282	357	318	286	279	232	182	201
Bulgaria	27	39	7	16	18	14	19	14	18	14
Croatia	17	15	18	10	13	12	14	13	15	14
Czech Republic	109	112	46	53	76	65	65	73	60	59
Denmark	18	14	9	9	16	17	19	19	22	17
Germany	655	713	408	421	506	585	448	460	547	537
Finland	54	43	18	36	33	22	19	12	20	24
France	192	205	113	133	156	132	186	149	150	143
Greece	10	9	9	4	9	0	3	7	38	2
Hungary	13	13	3	7	6	5	5	8	8	8
Ireland	1	2	1	1	1	1	1	0	0	0
Italy	2 235	2 238	897	992	1 288	1 107	1 481	1 690	1 671	1 600
Latvia	65	57	38	46	2	3	1	1	1	0
Netherlands	403	381	184	223	335	320	243	424	401	475
Poland	228	237	149	167	227	193	157	173	237	216
Portugal	17	14	7	10	5	2	3	4	9	18
Romania	54	43	61	112	48	59	36	11	22	38
Slovak Republic	60	123	19	67	43	38	36	35	38	46
Slovenia	102	68	24	33	25	31	30	29	30	22
Spain	653	688	381	443	316	274	219	276	247	221
Sweden	60	80	40	59	79	55	53	57	51	54
United Kingdom	90	62	20	41	69	59	38	53	47	33
Other E.U.	2	2	1	1	1	1	1	1	0	1
European Union (28)	5 721	5 707	2 763	3 265	3 622	3 299	3 376	3 760	3 875	3 818
Montenegro	...	37	10	...	...	...	...	0	0	0
Norway	11	11	11	1	11	10	8	3	1	4
Serbia	4	55	0	50	1	1	1	1	0	0
Switzerland	28	29	12	17	18	13	15	14	11	10
Turkey	724	803	772	565	1 138	1 377	968	913	1 172	1 101
Other Europe	119	1	2	2	3	1	1	9	4	3
Other Europe	886	936	807	636	1 170	1 402	994	939	1 188	1 118
Byelorussia	171	178	109	147	160	154	149	122	97	92
Moldova	25	16	2	6	6	3	0	0	2	0
Ukraine	175	129	12	65	44	34	13	7	3	2
Other C.I.S.	22	25	6	8	3	4	5	9	5	19
C.I.S.	394	348	128	227	214	194	167	138	107	113
Canada	35	57	16	23	26	38	28	56	57	36
Mexico	167	138	135	168	208	166	284	323	838	551
United States	5 219	4 978	2 424	3 471	4 190	4 270	4 118	4 603	4 534	3 866
Other North America	4	1	0	0	10	231	1	16	0	0
North America	5 424	5 173	2 574	3 663	4 433	4 705	4 431	4 998	5 429	4 454
Argentina	73	37	2	15	10	29	7	4	55	...
Chile	38	26	0	0	16	38	1	1	1	1
Colombia	32	...	0	0	0	31	0	0	0	1
Other South America	17	5	3	0	2	31	2	2	1	9
South America	160	67	6	16	29	129	10	7	57	10
Egypt	5	36	35	35	21	1	59	113	177	72
Other Africa	15	8	6	3	5	10	6	10	5	12
Africa	19	44	40	38	26	11	65	124	182	84
Iran	0	40	43	1	0	0	0	0	0	0
Saudi Arabia	8	0	71	9	0	27	77	128	36	7
United Arab Emirates	8	12	1	10	3	47	65	84	104	36
Other Middle East	2	4	6	4	3	2	2	3	6	5
Middle East	17	56	122	24	6	77	144	215	146	48

Table 45
(continued)

Imports of Pig Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
China	695	356	3 616	873	971	581	298	193	168	190
India	20	27	8	256	11	12	46	27	35	38
Indonesia	15	161	85	47	54	183	263	23	9	19
Japan	1 309	879	293	354	322	113	121	167	99	86
D.P.R. Korea (e)	37	132	2	69	3	3	1	...	1	0
South Korea	1 166	1 217	754	1 031	925	833	987	898	413	337
Malaysia	504	488	69	4	80	58	153	62	16	36
Pakistan	16	10	16	15	9	8	5	7	23	26
Taiwan, China	846	778	525	572	840	768	809	551	579	421
Thailand	852	781	414	303	356	204	115	385	371	462
Viet Nam	28	17	148	35	49	38	47	17	33	74
Other Asia	177	192	21	370	59	25	86	30	96	176
Asia	5 665	5 038	5 948	3 931	3 679	2 826	2 930	2 360	1 843	1 864
Australia	76	143	11	12	11	7	10	13	12	11
New Zealand	0	0	6	0	0	0	0	0	0	0
Other Oceania	0	0	0	0	0	0	2	1	...	...
Oceania	76	144	17	12	11	7	12	14	12	11
World	18 363	17 514	12 406	11 811	13 191	12 650	12 130	12 555	12 839	11 519

Table 46

Production of Direct Reduced Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Germany	587	518	389	448	380	555	498	566	551	600
Sweden	131	125	96	123	117	105	113	105	109	102
European Union (28)	718	643	485	571	497	660	611	671	659	702
Russia	3 410	4 500	4 600	4 700	5 200	5 125	5 329	5 350	5 436	5 820
C.I.S.	3 410	4 500	4 600	4 700	5 200	5 125	5 329	5 350	5 436	5 820
Canada	911	704	342	600	702	842	1 250	1 550	1 502	1 399
Mexico	6 265	6 012	4 147	5 368	5 854	5 586	6 100	5 979	5 499	5 306
Trinidad and Tobago	3 470	2 780	1 990	3 080	3 030	3 250	3 290	3 240	2 520	129
United States	250	260						1 300	1 100	1 810
North America	10 897	9 756	6 479	9 048	9 586	9 679	10 640	12 068	10 621	8 644
Argentina	1 800	1 847	807	1 566	1 670	1 607	1 466	1 663	1 252	773
Brazil	362	302	11							
Peru	143	121	100	100	94	96	93	88	72	11
Venezuela	7 782	6 826	5 508	3 793	4 159	4 472	2 727	1 402	1 356	908
South America	10 087	9 097	6 426	5 459	5 924	6 174	4 285	3 153	2 680	1 691
Egypt	2 786	2 643	3 051	2 965	2 932	3 068	3 432	2 882	2 451	2 618
Libya	1 660	1 569	1 077	1 270	165	508	956	998	449	699
Nigeria	200	...	...	...	...	...	...	...	...	...
South Africa	1 736	1 178	1 340	1 120	1 414	1 493	1 295	1 612	1 125	702
Africa	6 382	5 391	5 467	5 356	4 511	5 069	5 683	5 492	4 025	4 019
Bahrain							780	1 440	1 230	1 260
Iran	7 491	7 399	8 099	9 350	10 368	11 582	14 458	14 551	14 546	16 013
Oman					1 242	1 520	1 468	1 420	1 509	1 439
Qatar	1 223	1 681	2 097	2 250	2 350	2 420	2 386	2 549	2 631	2 506
Saudi Arabia	4 340	4 970	5 030	5 510	5 810	5 660	6 070	6 460	5 800	5 119
United Arab Emirates				1 180	1 800	2 699	3 075	2 409	3 190	3 479
Middle East	13 055	14 050	15 226	18 290	21 570	23 881	28 237	28 829	28 906	29 816
China	214	150	42							
India	20 110	20 914	23 445	24 931	25 332	23 438	22 615	24 542	22 644	26 982
Indonesia	1 321	1 209	1 119	1 274	1 228	524	757	155	53	
Malaysia	1 872	1 958	2 388	2 390	2 877	2 329	1 399	1 007	957	656
Pakistan	...	...	...	...	...	...	60	...	...	...
Asia	23 516	24 231	26 994	28 595	29 437	26 291	24 831	25 704	23 654	27 638
World	68 065	67 667	65 677	72 019	76 725	76 879	79 616	81 267	75 982	78 331

Table 47

Exports of Direct Reduced Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Belgium	12	1	0	11	4	...	...	0	...	0
Bulgaria	0	9	3	3	...	...	...	...	...	...
Germany	147	72	3	15	0	0	0	0	0	0
France	9	9	1	15	3	6	3	13	16	0
Netherlands	0	93	111	0	1	0	8	8	13	0
Spain	4	3	0	2	2	2	2	4	3	1
Sweden	13	12	6	13	10	2	3	2	3	3
Other EU	5	8	0	1	26	7	7	7	65	52
European Union (28)	190	207	124	59	47	16	23	34	99	56
Turkey	37	0	...	...	0	...	...	0	...	...
Other Europe	1	1	0	7	5	1	4	4	4	0
Other Europe	37	1	0	7	5	1	4	4	4	0
Russia	1 513	2 482	1 675	1 915	2 144	2 132	2 062	2 192	2 207	2 286
Other CIS	...	46	...	3	...	...	0	0	...	...
C.I.S.	1 513	2 528	1 675	1 918	2 144	2 132	2 062	2 192	2 207	2 286
Canada	7	0	0	0	0	13	83	85	0	68
Mexico	120	...	...	...	...	55	...	...	...	...
Trinidad and Tobago	1 833	1 837	1 351	2 266	2 504	2 414	2 308	2 784	2 609	1 708
United States	8	28	1	9	14	8	5	4	21	178
Other North America	...	1	...	1	...	0	...	...	...	...
North America	1 967	1 866	1 352	2 276	2 518	2 490	2 396	2 873	2 630	1 954
Venezuela	2 736	2 875	1 406	1 802	1 768	2 117	800	56	928	1 156
Other South America	618	5	1	...	...	0	0	0	0	...
South America	3 354	2 880	1 407	1 802	1 768	2 117	800	56	928	1 156
Libya	234	103	106	212	59	34	206	285	120	130
South Africa	1	2	1	0	0	1	1	45	63	32
Other Africa	62	34	...	151	...	0	...	2	10	46
Africa	297	138	106	364	59	34	207	332	193	207
Iran	...	137	...	0	30	...	32	...	...	34
Oman	...	0	...	...	591	916	426	184	196	561
Qatar	...	119	207	145	170	36	46	41	18	0
Saudi Arabia	...	0	2	42	4	39	33	66	10	41
United Arab Emirates	...	...	...	30	2	1	187	50	13	25
Other Middle East	105	0	...	0	0	0	83	51	21	489
Middle East	105	257	209	217	797	992	807	392	259	1 150
China	10	12	5	213	151	112	224	60	41	1
India	50	29	17	69	70	126	117	167	132	262
Indonesia	0	...	0	1	0	42	0	21	1	...
Japan	1	1	2	1	1	1	1	1	1	...
DPR Korea (e)	1	0	6	10	9	5	10	12	2	...
South Korea	0	0	0	2	42	70	66	79	18	12
Malaysia	321	322	255	473	570	861	479	703	391	522
Other Asia	0	16	0	8	1	1	2	1	10	0
Asia	383	380	285	777	844	1 218	898	1 043	598	798
Australia	2	81	0	...	1	0	0	0	...	0
Other Oceania	...	...	1	...	0	...	...	...	...	0
Oceania	2	81	1	...	1	0	0	0	...	0
World	7 849	8 338	5 160	7 418	8 183	9 000	7 197	6 926	6 919	7 606

Table 48

Imports of Direct Reduced Iron

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	12	41	3	0	5	69	37	42	29	89
Belgium	12	1	0	23	30	18	31	12	37	43
Czech Republic	17	22	7	12	20	15	9	6	6	3
Denmark	58	3	1	2	2	2	27	36	26	13
Germany	173	28	248	425	232	127	335	537	640	588
Finland	0	1	217	0	0	0	0	0	0	0
France	134	78	18	47	80	34	42	33	74	59
Italy	432	362	147	241	499	509	652	663	1 042	1 122
Netherlands	240	339	328	370	398	414	189	189	82	15
Portugal	1	0	38	6	37	27	30	0	280	123
Spain	550	564	253	578	590	441	640	596	734	299
Sweden	0	0	0	0	17	33	37	30	32	30
United Kingdom	1	0	1	79	138	194	24	0	15	16
Other EU	90	182	26	15	27	1	1	2	37	9
European Union (28)	1 718	1 621	1 287	1 799	2 073	1 884	2 053	2 148	3 035	2 410
Turkey	126	88	21	14	0	5	29	46	47	77
Other Europe	35	5	0	3	39	36	24	7	33	0
Other Europe	161	94	22	17	39	41	53	53	80	77
Byelorussia	79	82	72	...	96	51	58	90	42	70
Moldova	33	46	60	...	33	15	12	11	...	...
Ukraine	537	530	128	346	326	260	61	39	11	45
Other CIS	...	0	...	...	0	0	...	30	25	22
C.I.S.	649	657	260	346	455	326	131	170	78	137
Canada	207	286	253	417	198	160	64	40	5	1
Mexico	172	5	26	...	130	185	109	159	203	549
United States	2 531	2 555	1 016	1 643	1 852	2 762	2 364	2 392	1 866	1 598
Other North America	15	0	...	4	40	0	1	...	2	...
North America	2 924	2 846	1 294	2 064	2 221	3 107	2 539	2 590	2 077	2 148
Argentina	0	0	92	118	0	32	0	38	93	...
Peru	52	...	43	47	29	52	41	40	55	...
Other South America	104	0	0	1 221	0	35	0	0	0	...
South America	156	0	135	1 386	30	119	41	78	147	...
Egypt	126	...	148	158	172	187	86	67	0	32
South Africa	76	2	0	0	0	1	0	1	0	...
Other Africa	0	2	1	11	3	2	2	1	50	377
Africa	202	4	149	170	175	189	88	69	50	409
Iran	61	138	39	0	...	...	...	...	...	...
Saudi Arabia	...	0	...	91	0	0	80	126	13	92
United Arab Emirates	0	0	...	1	5	...	0	1	0	0
Other Middle East	1	1	0	1	5	7	8	287	42	90
Middle East	63	139	39	93	10	7	89	415	55	182
China	327	600	1 779	1 379	1 383	1 071	606	405	182	67
India	0	0	1	39	422	1 069	671	178	38	22
Indonesia	385	290	223	156	178	350	182	37	34	3
Japan	164	76	...	226	242	84	63	124	29	25
South Korea	345	365	323	676	442	439	644	636	346	383
Malaysia	321	276	195	185	36	14	59	46	54	16
Other Asia	75	54	24	16	25	97	131	189	174	459
Asia	1 618	1 661	2 544	2 677	2 729	3 124	2 356	1 614	858	975
Australia	0	101	0	51	1	1	0	0	0	0
Other Oceania	0	0	...	...	0	...	0	0	...	0
Oceania	0	101	0	51	1	1	1	1	0	0
World	7 492	7 123	5 729	8 604	7 733	8 798	7 351	7 136	6 381	6 339

Table 49

Monthly Primary Iron Production

2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	529	501	460	392	477	502	483	430	413	478	474	503	5 642
Belgium	406	389	412	380	420	400	418	414	394	441	369	425	4 869
Czech Republic	332	337	361	343	347	353	347	364	344	319	348	342	4 165
Finl/Rom/Swe (1)	642	612	647	661	666	634	656	652	639	634	606	671	7 722
France	897	885	776	547	730	867	742	835	869	887	867	821	9 724
Germany (1)	2 451	2 149	2 516	2 290	2 478	2 295	2 245	2 286	2 035	2 202	2 084	2 238	27 270
Hungary	54	53	58	55	58	55	91	98	73	88	82	98	864
Italy	490	472	518	508	548	507	508	530	451	500	488	526	6 044
Netherlands	522	504	530	430	525	490	531	566	483	543	508	460	6 092
Poland	413	424	417	416	336	320	309	398	373	411	409	448	4 674
Slovak Republic	315	267	347	313	344	347	354	369	340	358	343	290	3 987
Spain	389	365	378	386	401	376	394	352	385	214	203	273	4 116
United Kingdom	498	469	525	532	573	490	552	422	554	569	422	623	6 142
European Union (28)	7 939	7 427	7 946	7 254	7 931	7 635	7 631	7 715	7 353	7 644	7 202	7 718	91 312
Bosnia-Herzegovina	67	57	66	70	74	72	72	69	49	52	63	67	778
Serbia	34	68	72	66	97	116	117	117	112	103	119	136	1 154
Turkey	826	794	874	850	893	874	875	873	866	858	854	867	10 304
Other Europe	928	919	1 012	986	1 064	1 062	1 064	1 058	1 027	1 013	1 035	1 069	12 236
Kazakhstan	594	508	297	562	640	610	630	622	608	588	624	618	6 901
Russia (1)	4 274	4 228	4 605	4 259	4 386	4 205	4 482	4 370	4 090	4 182	4 315	4 481	51 877
Ukraine	1 921	1 883	2 078	2 063	2 245	1 765	2 076	1 962	1 836	1 937	1 909	1 943	23 618
C.I.S.	6 789	6 619	6 980	6 884	7 271	6 580	7 188	6 954	6 534	6 707	6 848	7 042	82 396
Canada	686	599	668	654	618	664	721	629	604	555	597	644	7 639
Mexico	699	744	647	800	880	927	832	854	851	874	864	809	9 782
Trinidad and Tobago	129	0	0	0	0	0	0	0	0	0	0	0	129
United States	1 907	2 009	2 044	1 864	1 908	1 952	1 888	1 859	1 771	1 614	1 664	1 812	24 103
North America	3 421	3 351	3 359	3 318	3 406	3 543	3 441	3 342	3 227	3 043	3 125	3 265	41 652
Argentina	297	247	268	228	247	238	226	183	180	281	272	248	2 914
Brazil (2)	2 099	1 914	2 073	1 832	2 090	2 120	2 333	2 360	2 266	2 461	2 298	2 190	26 036
Chile	57	56	57	53	60	55	59	58	57	55	50	59	677
Colombia	14	1	29	25	18	18	22	21	19	18	20	19	225
Paraguay	2	5	5	5	4	5	5	5	3	4	3	3	50
Peru	3	3	4	1	0	0	0	0	0	0	0	0	11
Venezuela	56	47	63	94	73	54	79	93	105	109	65	69	908
South America	2 529	2 273	2 499	2 237	2 492	2 490	2 725	2 719	2 630	2 928	2 708	2 589	30 821
Egypt (3)	170	185	219	187	241	211	232	237	245	204	227	260	2 618
Libya	72	54	46	104	41	41	28	67	57	30	64	95	699
South Africa	466	415	453	464	465	458	403	324	374	382	409	400	5 012
Africa	708	654	718	755	748	710	663	628	676	615	700	756	8 330

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

Table 49 Monthly Primary Iron Production **2016**
(continued)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Iran	1 414	1 375	1 388	1 592	1 657	1 617	1 465	1 569	1 636	1 621	1 444	1 486	18 264
Qatar	112	128	246	235	220	231	220	236	236	238	218	186	2 506
Saudi Arabia (4)	364	320	470	480	497	481	452	428	432	310	396	490	5 119
United Arab Emirates	279	275	312	203	184	196	356	337	296	365	325	351	3 479
Middle East	2 169	2 097	2 417	2 509	2 559	2 524	2 493	2 569	2 601	2 534	2 383	2 513	29 369
China	53 155	54 413	61 204	59 399	61 785	60 366	59 083	60 335	59 618	58 640	56 876	57 240	698 190
India	6 587	6 606	7 349	7 929	7 922	7 839	7 831	7 626	7 343	7 923	7 638	8 103	90 696
Japan	6 921	6 433	6 744	6 517	6 845	6 659	6 938	7 006	6 428	6 779	6 390	6 560	80 186
South Korea	3 856	3 636	3 763	3 585	3 632	3 554	4 141	4 220	4 070	3 963	3 927	3 989	46 336
Pakistan	0	0	0	0	0	0	0	0	0	0	0	0	0
Taiwan, China	1 204	1 214	1 235	1 229	1 238	1 268	1 277	1 271	1 214	1 307	1 168	1 266	14 890
Asia	71 724	72 302	80 295	78 658	81 420	79 687	79 270	80 458	78 673	78 612	75 998	77 158	930 298
Australia	318	201	313	280	295	306	328	304	333	332	313	318	640
New Zealand	58	46	51	57	62	59	57	63	54	41	59	65	670
Oceania	376	247	364	337	356	365	385	366	386	373	372	383	1 310
Total 46 countries	96 584	95 890	105 591	102 939	107 247	104 597	104 859	105 810	103 107	103 469	100 371	102 493	1 227 724

(1) - pig iron only.

(2) - steel industry only.

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

(4) - HADEED only.

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

Table 50

Production of Iron Ore

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria (1)	2 149	2 028	2 002	2 069	2 100	2 200	2 320	2 400	2 400	2 100
Germany (1)(2)	418	455	364	390	488	448	413	456	450	400
Slovak Republic	349	212	...	...	...	...	...	...	...	...
Sweden	24 713	23 848	17 680	25 292	26 113	26 540	27 285	28 144	24 500	26 900
European Union (28)	27 629	26 543	20 046	27 751	28 701	29 188	30 018	31 000	27 350	29 400
Bosnia-Herzegovina	1 300	1 200	1 100	1 400	1 900	2 100	2 100	2 100	2 100	1 800
Norway	609	1 600	1 900	2 640	1 900	3 280	3 440	3 792	3 290	1 200
Turkey	4 849	4 697	3 855	5 814	6 450	6 557	8 492	6 982	6 010	6 700
Other Europe	6 758	7 497	6 855	9 854	10 250	11 937	14 032	12 874	11 400	9 700
Azerbaijan	...	28	...	58	214	215	145	115	...	...
Kazakhstan	18 908	17 295	17 785	17 921	17 636	16 722	19 373	15 546	11 359	10 064
Russia	104 953	99 272	92 050	99 060	103 805	103 337	102 497	101 448	101 973	104 007
Ukraine	77 429	71 807	65 827	79 170	81 189	80 826	83 696	82 409	81 966	74 967
C.I.S.	201 290	188 402	175 662	196 208	202 845	201 099	205 711	199 518	195 298	189 038
Canada (3)	34 085	33 386	32 972	37 501	37 101	39 401	41 841	44 196	45 954	48 700
Mexico (4)	10 916	11 688	11 677	13 998	12 806	14 916	18 840	17 248	14 441	10 000
United States	52 500	53 600	26 700	49 900	54 700	54 000	52 000	54 300	43 100	42 000
North America	97 502	98 674	71 350	101 399	104 606	108 317	112 681	115 744	103 495	100 700
Argentina	80	...	98	100	285	485	435	328	300	200
Brazil	336 526	346 000	305 000	372 000	397 000	380 086	391 100	399 400	422 547	431 400
Chile	7 871	8 427	8 534	10 495	11 995	12 060	11 750	13 030	15 431	17 300
Colombia	624	473	281	77	174	392	710	676	366	800
Peru	7 896	7 856	7 186	8 957	9 838	10 639	7 014	7 193	7 321	10 000
Venezuela	20 650	21 463	14 900	14 331	16 348	16 347	7 831	5 854	8 251	12 000
South America	373 647	384 219	335 999	405 959	435 640	420 008	418 840	426 481	454 216	471 700
Algeria	1 982	2 077	1 307	1 400	1 600	1 784	1 067	911	700	1 000
Egypt	665	773	1 780	1 400	1 500	3 930	1 422	1 500	1 500	2 500
Liberia	...	...	...	...	1 300	3 250	4 100	4 900	4 300	2 100
Mauritania	11 917	11 222	11 400	11 109	11 176	11 170	12 531	13 306	11 600	13 500
Sierra Leone	...	...	...	...	1 300	6 730	16 490	21 420	2 563	...
South Africa	41 559	48 983	55 423	55 000	52 900	59 000	60 600	66 920	61 380	68 100
Tunisia	180	209	150	150	200	223	243	308	300	200
Zimbabwe	90	...	...	...	...	...	...	...	...	...
Africa	56 393	63 264	70 060	69 059	69 976	86 087	96 453	109 265	82 343	87 400
Iran	22 000	32 000	33 000	35 549	38 260	43 497	48 693	48 451	39 370	40 100
Middle East	22 000	32 000	33 000	35 549	38 260	43 497	48 693	48 451	39 370	40 100

Table 50
(continued)

Production of Iron Ore

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Burma	1 610	243	454	2 404	2 729	1 593	2 525	2 971	1 210	1 400
China (5)	707 385	780 141	884 568	1 080 161	1 335 025	1 327 300	1 522 129	1 514 238	1 381 288	1 280 000
China (4)	401 904	325 882	240 999	357 000	358 900	289 000	315 200	194 700	123 500	113 700
India	206 939	223 000	223 600	209 000	191 800	152 600	136 100	139 700	142 500	184 500
Indonesia	84	4 455	4 561	8 976	11 815	11 546	21 566	2 000	500	...
D.P.R. Korea (e)	5 130	5 316	5 300	5 300	5 300	5 100	3 444	3 212	1 931	1 000
South Korea (3)	401	452	421	460	499	552	610	...	59	800
Malaysia	802	982	1 470	3 558	8 078	12 144	12 134	9 615	10 800	11 600
Mongolia	265	1 387	1 380	3 203	5 678	7 561	6 011	6 911	5 754	6 200
Thailand	1 555	2 029	1 401	977	489	303	390	348	32	100
Viet Nam	828	1 372	1 905	1 972	2 371	1 506	2 495	2 308	2 374	900
Asia	619 518	565 118	481 490	592 849	587 659	481 905	500 476	361 766	288 660	320 200
Australia	298 974	349 822	394 068	432 779	477 332	520 032	608 900	745 735	811 239	841 800
New Zealand	1 724	2 020	2 093	2 439	2 357	2 395	3 157	3 245	3 164	2 100
Oceania	300 698	351 842	396 161	435 218	479 689	522 427	612 057	748 980	814 403	843 900
World	1 705 434	1 717 559	1 590 622	1 873 847	1 957 627	1 904 465	2 038 962	2 054 078	2 016 535	2 092 138

(1) - low Fe content.

(2) - not for steel production.

(3) - deliveries.

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

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

(6) - iron sands.

Sources: UNCTAD, Russian Steel, et al.

Table 51

Exports of Iron Ore

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Belgium-Luxembourg	43	90	179	366	458	38	8	2	6	...
Germany	18	34	4	22	44	40	44	66	65	29
Finland	...	...	...	299	555	0	...	2 103	38	184
France	69	58	124	19	129	88	168	90	100	78
Hungary	...	...	...	52	64	63	11	2	0	...
Netherlands	25 928	24 750	16 345	24 993	18 543	20 931	21 092	21 800	23 362	18 675
Slovak Republic	4	...	...	...	22	119	416	98	14	42
Sweden	19 034	17 617	16 104	20 673	21 115	22 855	23 217	23 726	20 090	22 723
Other EU	6	18	50	26	189	189	448	277	376	233
European Union (28)	45 102	42 568	32 806	46 451	41 119	44 322	45 404	48 165	44 051	41 963
Bosnia-Herzegovina	1 314	657	327	500	428	694	...	365	145	115
Norway	740	615	776	1 803	2 435	3 659	3 567	4 016	3 804	1 860
Other Europe	0	4	...	...	316	363	1 066	1 078	338	393
Other Europe	2 054	1 276	1 103	2 303	3 180	4 716	4 633	5 460	4 288	2 367
Kazakhstan	13 153	15 200	15 856	17 969	8 443	12 616	7 088	14 494	8 365	1 563
Russia	31 761	24 630	17 968	19 946	26 609	25 464	25 580	22 997	21 241	18 543
Ukraine	20 723	22 779	27 613	32 742	34 124	35 053	37 986	40 836	45 653	39 203
C.I.S.	65 638	62 609	61 437	70 657	69 176	73 133	70 654	78 328	75 259	59 309
Canada	28 139	28 056	31 107	32 483	33 812	34 471	38 023	40 301	36 864	40 596
Honduras	...	...	...	...	601	1 337	1 715	1 358	80	2
Mexico	1 381	1 952	3 815	3 815	4 906	4 406	10 105	2 291	176	41
Trinidad and Tobago	...	...	...	...	142	116	37	0	0	173
United States	9 298	11 164	3 918	9 951	11 073	11 179	11 041	12 385	8 157	8 761
North America	38 818	41 172	38 840	46 249	50 534	51 510	60 922	56 335	45 277	49 573
Argentina	...	...	...	...	268	367	480	406	310	300
Brazil	269 448	281 683	266 040	310 931	330 830	326 515	329 639	344 385	366 194	373 963
Chile	6 715	5 446	8 784	7 933	10 303	11 661	12 254	14 120	14 127	15 506
Peru	7 401	7 231	7 111	8 499	9 019	9 088	9 006	11 520	9 944	9 687
Venezuela	5 889	5 471	3 465	8 067	6 341	7 023	3 802	3 683	6 016	5 378
South America	289 453	299 831	285 400	335 430	356 762	354 654	355 180	374 114	396 591	404 834
Liberia	...	...	...	...	72	2 038	4 295	5 034	5 438	2 360
Mauritania	11 815	10 968	10 296	11 109	11 484	12 255	13 076	14 599	12 132	13 415
Sierra Leone	...	...	...	...	51	3 961	11 996	19 190	2 585	4 108
South Africa	30 336	31 592	44 559	47 971	53 343	54 002	62 763	64 799	65 254	64 707
Africa	42 151	42 560	54 855	59 080	64 950	72 255	92 129	103 623	85 409	84 589
Bahrain	2 700	3 500	3 600	6 200	6 000	5 000	2 900	218	128	628
Iran	3 988	5 395	7 107	14 833	16 675	17 534	22 462	21 796	13 125	17 869
Other Middle East	...	...	...	...	716	827	1 727	1 093	2 091	5 667
Middle East	6 688	8 895	10 707	21 033	23 391	23 361	27 089	23 107	15 344	24 164
India	93 728	101 404	90 747	95 931	39 156	28 432	14 426	9 844	4 211	21 697
Indonesia	706	6 513	49	8 656	13 889	11 546	22 308	3 162	3 130	3 808
DPR Korea (e)	1 300	1 900	1 800	2 100	2 508	2 412	3 061	2 830	1 543	1 638
Malaysia	828	805	825	2 815	5 697	8 931	12 428	11 610	13 262	22 384
Mongolia	300	1 400	1 300	2 700	5 497	6 330	7 387	6 911	5 876	6 241
Philippines	...	...	...	...	...	1 378	1 086	1 265	1 577	211
Viet Nam	1 200	1 200	1 800	1 900	2 895	1 749	4 502	1 518	266	948
Other Asia	114	22	3	127	3 710	3 569	4 345	5 574	3 565	2 658
Asia	98 177	113 244	96 524	114 229	73 350	64 345	69 543	42 715	33 429	59 583
Australia	268 574	308 931	380 523	427 389	465 625	524 056	613 379	754 302	810 529	854 443
New Zealand	577	459	819	810	233	1 665	1 971	2 201	2 071	2 000
Oceania	269 151	309 390	381 342	428 199	465 858	525 722	615 349	756 503	812 600	856 443
World	857 232	921 544	963 015	1 123 632	1 148 320	1 214 018	1 340 904	1 488 349	1 512 248	1 582 826

Table 52

Imports of Iron Ore

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	9 006	5 017	3 471	5 955	6 732	6 056	5 864	5 100	5 137	4 152
Belgium-Luxembourg	9 662	12 726	3 255	7 527	7 430	6 311	6 351	6 812	6 631	6 998
Bulgaria	923	526	139	0	1	2	10	14	1	1
Czech Republic	5 046	6 800	4 803	3 853	7 366	5 871	6 237	6 305	6 370	6 345
Denmark	43	99	49	51	100	78	40	29	53	85
Germany	46 194	44 339	28 812	43 082	39 672	40 724	40 930	43 030	40 964	40 031
Finland	3 156	3 121	2 204	2 984	3 045	3 221	2 903	3 078	3 423	3 516
France	19 364	18 290	10 015	15 245	13 512	13 604	15 285	17 106	15 655	13 947
Hungary	967	1 900	1 493	1 888	1 781	1 632	845	1 265	1 641	1 208
Italy	17 013	16 313	8 160	10 863	14 675	13 434	11 522	9 511	8 076	9 151
Netherlands	31 501	32 639	21 638	33 944	33 432	28 269	31 883	29 675	30 911	30 574
Poland	8 747	7 785	3 752	5 563	5 968	6 583	6 640	7 433	7 247	7 061
Romania	6 260	4 446	806	2 462	2 187	2 023	2 546	2 226	2 964	2 720
Slovak Republic	5 854	5 536	4 186	5 174	5 103	5 404	5 647	6 012	5 536	6 031
Spain	5 719	6 328	3 951	5 877	5 144	4 506	6 259	5 699	6 377	6 010
Sweden	70	71	41	55	51	44	26	26	70	175
United Kingdom	17 365	15 283	9 186	10 597	9 175	10 062	14 137	14 469	12 047	9 292
Other E.U.	5	0	18	1	4	5	4	11	28	22
European Union (28)	186 895	181 219	105 979	155 124	155 378	147 830	157 129	157 800	153 130	147 318
Norway	180	152	134	149	128	93	74	49	27	75
Serbia	3 000	3 100	3 100	3 422	1 621	241	338	293	1 287	1 771
Turkey	6 088	6 900	5 685	6 382	6 644	7 842	8 114	8 544	10 011	10 418
Other Europe	4 030	6	23 110	5	149	12	9	13	12	14
Other Europe	13 298	10 158	32 029	9 959	8 542	8 188	8 536	8 900	11 338	12 277
Kazakhstan	1 229	1 936	504	624	...	0	...	0	...	...
Russia	10 682	11 752	8 404	4 524	146	225	86	10 341	8 103	7 204
Ukraine	3 482	2 869	3 339	2 738	1 838	2 882	3 110	3 212	2 255	1 765
Other CIS					7	45	22	48	52	186
C.I.S.	15 393	16 556	12 247	7 886	1 991	3 153	3 219	13 601	10 410	9 154
Canada	7 269	9 073	3 103	8 126	7 129	6 500	6 112	8 955	6 596	7 100
Mexico	3 127	3 875	557	1 426	1 460	1 368	1 142	1 551	1 460	3 699
Trinidad and Tobago	2 894	4 252	2 340	4 347	4 381	4 691	4 659	5 445	7 779	5 890
United States	9 389	9 236	...	6 417	5 268	5 132	3 172	5 097	4 550	3 079
Other North America	0	0	1	0	257	5	1	0	0	1
North America	22 679	26 435	6 001	20 316	18 494	17 696	15 086	21 049	20 385	19 768
Argentina	6 586	7 176	3 229	6 400	6 891	5 328	5 828	6 385	5 189	4 298
Brazil	0	66	...	126	0	0	0	5	0	0
Colombia	9	150	20	9	4	3	3	0	1	1
Paraguay	...	...	...	...	135	48	49	81	108	100
Peru	0	170	0	30	30	0	0	0	0	0
Venezuela	662	387	...	...	182	0	0	...	...	...
Other South America	0	...	0	1	0	1	0	0	0	1
South America	7 258	7 948	3 249	6 565	7 241	5 382	5 879	6 471	5 297	4 400
Algeria	543	213	0	117	11	26	0	0	0	2
Egypt	4 435	3 562	4 583	4 178	4 343	4 235	3 824	3 249	2 209	4 062
Libya	2 309	2 539	1 304	2 257	63	844	1 819	1 377	306	888
South Africa	480	485	352	401	417	558	476	479	429	341
Other Africa	333	86	0	1	85	12	167	371	2	51
Africa	8 100	6 884	6 239	6 953	4 918	5 675	6 287	5 476	2 946	5 344

Table 52
(continued)

Imports of Iron Ore

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bahrain	2 910	7 964	4 144	6 330	7 217	5 103	2 969	5 460	6 059	4 853
Iran	1 038	929	216	...	...	39	0	500	492	390
Qatar	471	1 616	1 680	1 777	3 797	2 714	2 431	2 268	2 451	1 630
Saudi Arabia	4 931	7 638	6 039	9 019	7 516	4 161	3 575	5 111	4 031	3 627
United Arab Emirates	896	300	199	3 130	2 807	3 050	3 051	2 703	3 850	2 282
Other Middle East	382	0	47	154	6 466	10 254	10 137	10 506	10 943	9 202
Middle East	10 628	18 447	12 324	20 411	27 803	25 321	22 163	26 549	27 825	21 985
Bangladesh	44	102	101	0	158	...	...	...	0	...
China	383 618	444 028	628 175	618 915	686 747	745 434	820 175	933 108	953 370	1 024 709
Hong Kong	454	835	1 281	786	811	242	724	4 754	3 655	3 647
India	1 122	600	623	450	1 316	2 822	1 115	7 413	9 515	3 597
Indonesia	1 737	2 300	1 488	2 029	1 804	973	1 932	3 869	5 424	5 110
Japan	138 928	140 351	105 471	134 335	128 489	131 114	135 886	136 436	131 010	130 035
South Korea	43 668	49 441	41 601	56 298	64 857	65 998	63 372	73 507	73 282	71 741
Malaysia	2 677	3 043	2 523	3 199	2 852	3 291	1 711	3 814	14 742	22 966
Pakistan	1 078	489	37	2	116	...	0	80	...	...
Philippines	2 627	2 700	1 066	2 334	3 045	6 746	6 891	6 352	15 836	4 230
Singapore	77	...	...	...	...	1	0	1	1	1
Taiwan, China	16 035	15 571	11 912	18 930	20 507	18 396	21 773	23 039	23 814	23 462
Thailand	3	40	...	...	82	11	11	4	...	...
Other Asia	1 250	1 604	1 940	1 807	245	14 110	234	114	298	14 640
Asia	593 319	661 105	796 219	839 084	911 030	989 138	1 053 825	1 192 491	1 230 947	1 304 138
Australia	4 217	4 649	3 852	5 503	4 987	3 951	4 070	3 003	2 792	815
Other Oceania	0	0	0	0	1	1	1	1	1	0
Oceania	4 218	4 649	3 852	5 503	4 988	3 952	4 071	3 004	2 793	815
World	861 786	933 401	978 139	1 071 802	1 140 385	1 206 334	1 276 195	1 435 340	1 465 071	1 525 200

Table 53

Exports of Scrap

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	1 267	1 397	1 700	969	952	978	999	1 077	1 051	1 114
Belgium	3 001	3 161	3 245	3 701	3 544	3 476	3 212	3 931	3 152	3 540
Bulgaria	678	740	511	949	851	731	611	399	240	240
Croatia	317	324	304	357	463	517	364	352	306	362
Cyprus	64	72	80	97	139	135	104	79	64	58
Czech Republic	1 679	1 793	1 441	1 775	1 993	1 901	1 880	2 045	1 751	1 774
Denmark	1 264	1 118	1 180	1 626	1 915	1 537	1 270	1 703	1 277	1 572
Estonia	568	635	384	507	537	593	489	415	291	369
Germany	7 770	8 269	7 275	9 176	9 034	8 924	8 378	8 433	7 492	8 168
Finland	254	308	273	224	337	363	326	398	353	318
France	6 154	5 796	5 145	6 683	6 167	6 118	5 985	6 177	5 380	5 428
Greece	35	36	35	67	87	57	71	62	24	17
Hungary	568	692	534	1 118	1 216	1 108	1 048	1 019	843	906
Ireland	478	478	392	469	588	491	404	440	349	350
Italy	241	388	325	422	318	325	254	269	309	353
Latvia	242	339	214	342	523	489	469	517	457	341
Lithuania	663	652	415	579	656	535	473	540	508	526
Luxembourg	330	347	115	121	91	83	75	90	100	117
Malta	28	25	28	29	38	34	28	49	29	38
Netherlands	4 339	3 931	4 340	5 080	4 482	4 798	4 195	3 994	4 055	5 037
Poland	1 088	1 369	911	1 283	1 660	1 833	1 909	2 005	1 431	1 340
Portugal	378	172	173	237	141	167	245	230	215	216
Romania	1 970	1 960	2 565	2 517	2 340	1 894	1 946	1 422	710	702
Slovak Republic	396	489	313	504	633	414	353	489	486	570
Slovenia	247	199	285	343	408	414	394	415	396	370
Spain	162	215	286	277	425	663	510	600	345	331
Sweden	1 069	1 449	1 415	1 313	1 422	1 525	1 298	1 441	1 246	1 389
United Kingdom	6 014	6 640	6 008	7 519	7 814	7 299	6 948	6 987	7 270	8 127
European Union (28)	41 263	42 997	39 894	48 285	48 774	47 403	44 238	45 577	40 129	43 674
Albania	103	94	102	194	97	100	24	23	17	32
Bosnia-Herzegovina	63	169	90	136	227	218	184	156	121	104
Macedonia	156	184	72	154	73	53	30	29	35	46
Montenegro	0	49	15	51	39	43	29	17	4	2
Norway	291	269	228	338	290	346	363	423	420	459
Serbia	493	346	67	417	358	373	330	267	168	161
Serbia and Montenegro										
Switzerland	585	636	565	624	628	627	712	632	620	681
Turkey	98	78	67	94	106	95	102	168	145	156
Other Europe	69	82	68	55	54	44	114	69	52	61
Other Europe	1 860	1 908	1 275	2 063	1 872	1 898	1 889	1 784	1 582	1 702
Byelorussia	103	37	5	4	28	19	10	13	11	12
Georgia	385	421	383	427	402	199	52	23	15	4
Kazakhstan	805	1 797	856	816	866	781	726	14	7	194
Kyrgyzstan	14	28	25	28	54	17	2	1	0	0
Moldova	5	334	2	189	89	28	127	4	1	1
Russia	7 855	5 128	1 202	2 390	4 042	4 349	3 714	5 765	5 910	5 406
Ukraine	688	636	891	665	802	367	255	928	1 208	273
Other CIS	2	9	0	5	4	4	2	2	2	27
C.I.S.	9 857	8 390	3 363	4 526	6 286	5 763	4 888	6 751	7 155	5 917

Table 53
(continued)

Exports of Scrap

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Canada	4 757	4 048	4 792	5 191	4 846	4 248	4 521	4 510	3 415	3 632
Costa Rica	122	106	87	114	144	131	143	147	120	110
Dominican Republic	213	229	86	143	225	198	176	229	124	120
El Salvador	39	46	16	55	64	42	31	31	20	11
Guatemala	5	34	7	19	30	22	30	33	10	18
Haiti	54	76	21	35	43	50	24	37	27	26
Honduras	67	84	41	70	76	60	60	65	59	51
Jamaica	83	68	40	66	90	5	19	40	17	21
Mexico	805	...	702	1 014	1 053	858	779	701	459	416
Nicaragua	28	51	37	58	77	63	54	53	46	39
Panama	169	193	87	135	169	134	67	153	119	91
Trinidad and Tobago	120	136	16	50	49	58	62	82	52	48
United States	16 642	21 712	22 439	20 557	24 373	21 397	18 495	15 340	12 976	13 230
Other North America	73	91	50	98	106	137	125	89	40	27
North America	23 176	26 872	28 418	27 606	31 344	27 403	24 585	21 511	17 482	17 842
Bolivia	25	28	16	36	46	44	40	52	49	30
Brazil	85	119	115	80	259	444	453	648	679	611
Chile	52	69	61	131	267	221	204	337	253	221
Colombia	12	28	36	92	107	63	76	64	34	27
Ecuador	63	75	40	17	3	3	3	4	3	2
Paraguay	68	56	36	58	53	58	54	57	77	34
Other South America	36	55	33	26	56	78	76	27	30	16
South America	341	431	337	441	791	912	907	1 189	1 125	942
Algeria	335	667	668	379	1	0	...	0	0	0
Egypt	...	941	30	786	32	46	30	23	13	32
Ghana	20	66	48	53	74	57	23	32	12	10
Morocco	79	206	36	133	31	35	72	64	47	61
South Africa	752	1 270	1 144	1 224	1 436	1 632	1 485	1 486	1 266	644
Zimbabwe	68	70	42	51	28	8	8	37	21	8
Other Africa	475	950	467	747	1 024	821	685	623	627	527
Africa	1 729	4 170	2 435	3 374	2 626	2 598	2 302	2 265	1 985	1 282
Bahrain	52	59	68	81	112	106	96	107	61	66
Iran	57	99	7	69	12	21	2	0	0	2
Israel	87	276	278	414	378	338	209	265	141	201
Kuwait	146	233	124	201	221	221	123	130	55	36
Lebanon	146	283	323	512	553	365	408	265	173	248
United Arab Emirates	432	1 114	731	1 231	1 271	1 004	920	1 162	964	901
Other Middle East	1 847	332	87	126	146	139	111	92	70	65
Middle East	2 767	2 396	1 617	2 635	2 693	2 195	1 869	2 022	1 464	1 518
Hong Kong	1 257	1 318	823	873	806	729	622	635	508	537
Indonesia	81	75	39	40	40	41	42	42	52	59
Japan	6 449	5 347	9 398	6 474	5 453	8 594	8 150	7 351	7 847	8 706
South Korea	214	369	485	459	397	236	205	298	418	559
Malaysia	60	38	78	101	70	80	53	52	47	151
Philippines	963	713	391	547	543	253	170	403	188	217
Singapore	599	624	556	585	606	852	978	911	844	1 048
Taiwan, China	168	145	154	93	104	96	74	67	62	77
Thailand	302	361	342	547	567	481	437	384	397	431
Other Asia	452	2 054	2 098	2 606	479	348	277	309	220	254
Asia	10 544	11 042	14 363	12 325	9 066	11 709	11 007	10 453	10 583	12 039
Australia	1 501	1 708	1 925	1 636	1 745	2 245	2 200	2 362	1 898	1 583
New Zealand	314	274	318	359	358	363	352	367	413	609
Other Oceania	23	53	43	72	86	81	62	53	30	20
Oceania	1 838	2 034	2 285	2 067	2 189	2 688	2 614	2 781	2 341	2 212
World	93 374	100 240	93 989	103 322	105 642	102 568	94 299	94 332	83 848	87 127

Table 54

Imports of Scrap

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	1 351	1 797	1 702	967	998	1 060	1 141	1 188	1 098	1 018
Belgium	4 482	4 830	3 679	5 294	4 633	4 054	4 213	4 760	4 167	4 084
Bulgaria	295	246	202	697	230	114	93	115	105	92
Czech Republic	521	502	372	393	463	456	546	565	493	475
Denmark	214	392	236	242	342	229	236	253	113	101
Estonia	52	532	9	277	10	7	20	36	55	84
Germany	5 920	5 675	3 865	5 305	6 180	5 484	5 340	5 045	4 236	4 107
Finland	688	569	466	745	700	203	49	81	65	10
France	3 185	3 219	2 423	2 416	2 658	2 705	2 363	2 473	2 247	1 806
Greece	1 637	1 485	1 159	995	935	498	301	455	438	764
Hungary	87	146	31	54	44	47	47	70	97	90
Italy	5 242	5 705	3 321	4 591	5 747	5 264	4 957	5 145	4 643	4 434
Latvia	284	681	214	612	365	883	318	201	124	110
Lithuania	64	491	30	320	72	56	30	35	24	30
Luxembourg	3 656	3 391	1 830	1 722	2 449	1 682	805	1 403	903	2 258
Netherlands	1 720	1 563	1 851	1 803	1 612	1 872	1 742	1 885	1 641	1 940
Poland	314	466	597	372	403	385	507	481	745	779
Portugal	1 076	1 128	481	323	460	587	1 279	1 352	1 490	1 396
Slovak Republic	246	169	155	331	149	339	380	234	165	162
Slovenia	363	367	282	515	558	550	538	576	514	531
Spain	6 317	6 657	4 642	5 712	4 597	4 289	4 705	4 827	5 030	3 965
Sweden	242	193	174	225	238	236	256	295	261	275
United Kingdom	206	237	220	277	425	286	303	351	302	266
Other E.U.	24	107	16	1 644	51	53	62	99	101	130
European Union (28)	38 188	40 550	27 957	35 833	34 318	31 338	30 233	31 926	29 058	28 909
Albania	62	36	84	236	160	99	39	105	49	2
Macedonia	314	243	201	275	287	135	47	129	71	81
Montenegro	126	117	33	51	34	8	7	2	13	4
Norway	267	97	91	109	139	211	203	156	184	266
Serbia	8	251	10	270	35	90	169	148	105	24
Switzerland	476	506	313	453	456	344	417	426	474	459
Turkey	13 500	17 415	15 666	19 200	21 453	22 415	19 725	19 068	16 251	17 716
Other Europe	1 233	203	33	47	34	23	22	24	13	20
Other Europe	15 986	18 868	16 430	20 640	22 598	23 325	20 631	20 058	17 159	18 572
Byelorussia	1 399	1 437	1 294	1 595	1 561	1 356	1 239	1 253	1 382	1 235
Moldova	848	716	304	143	121	27	73	101	256	5
Russia	95	95	9	27	0	4	5	264	235	431
Ukraine	21	164	11	10	127	116	239	28	3	22
Uzbekistan	129	142	227	276	249	250	297	0	0	153
Other CIS	1 710	1 799	857	821	868	871	734	18	1	14
C.I.S.	4 204	4 353	2 702	2 872	2 924	2 624	2 587	1 665	1 876	1 861
Canada	1 471	1 691	1 408	3 049	1 925	2 343	1 746	1 520	1 516	1 839
Mexico	1 500	851	850	934	733	946	864	915	1 483	1 893
United States	3 692	3 570	2 986	3 773	4 003	3 711	3 882	4 215	3 513	3 864
Other North America	49	39	39	21	116	69	25	12	19	13
North America	6 712	6 152	5 283	7 777	6 777	7 070	6 517	6 661	6 530	7 608
Brazil	46	44	28	134	79	51	55	23	25	33
Peru	83	171	174	308	192	265	340	372	430	415
Other South America	78	76	14	199	105	140	186	204	141	115
South America	207	291	217	641	375	456	581	598	597	563

Table 54
(continued)

Imports of Scrap

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Egypt	2 274	2 398	1 299	2 736	2 644	2 021	2 891	2 971	928	1 028
Morocco	79	158	220	182	448	474	292	360	563	240
South Africa	79	85	41	54	32	11	28	101	74	66
Other Africa	75	15	80	13	18	18	40	19	23	9
Africa	2 507	2 657	1 639	2 985	3 141	2 524	3 251	3 451	1 587	1 344
Iran	42	85	6	3	6	5	24	2	1	15
United Arab Emirates	12	54	57	41	90	45	41	184	62	52
Other Middle East	127	9	52	49	133	183	76	975	584	617
Middle East	180	147	116	93	228	232	140	1 161	647	684
Bangladesh	253	337	545	238	325	205	279	459	946	2 011
China	3 395	3 590	13 692	5 848	6 767	4 974	4 465	2 564	2 328	2 162
Hong Kong	267	323	317	258	269	155	151	108	135	87
India	2 990	4 579	4 727	4 643	6 175	8 156	5 632	5 699	6 710	6 380
Indonesia	604	1 907	1 500	1 644	2 157	1 944	2 399	2 137	1 020	1 020
Japan	397	699	194	491	580	225	234	370	149	176
South Korea	6 887	7 319	7 800	8 091	8 628	10 126	9 260	8 002	5 758	5 845
Malaysia	3 714	2 303	1 741	2 308	2 050	1 816	1 921	961	446	316
Pakistan	337	764	1 806	793	955	922	874	1 340	2 119	2 387
Singapore	451	439	347	345	299	295	130	114	46	52
Taiwan, China	5 418	5 539	3 912	5 364	5 328	4 954	4 446	4 272	3 373	3 155
Thailand	1 932	2 752	1 490	1 483	1 877	1 701	961	1 383	945	953
Viet Nam	1 050	853	1 830	1 889	1 451	2 169	2 131	2 277	2 466	3 286
Other Asia	188	242	452	102	54	179	80	39	73	52
Asia	27 884	31 646	40 351	33 497	36 917	37 821	32 963	29 724	26 514	27 882
Australia	21	5	2	3	3	5	2	23	22	81
New Zealand	2	2	0	228	18	16	14	15	9	7
Other Oceania	4	4	13	38	36	1	32	0	0	0
Oceania	26	10	15	269	57	22	48	37	31	88
World	95 894	104 675	94 711	104 606	107 335	105 411	96 951	95 283	83 999	87 511

Table 55

Indirect Exports of Steel

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	3 509	3 840	3 834	2 706	3 189	3 574	3 588	3 606	3 661	3 685
Belgium-Luxembourg	7 165	6 753	6 916	5 466	5 471	6 436	7 272	7 942	7 566	6 826
Bulgaria	422	434	402	278	358	488	483	477	493	509
Croatia	674	647	711	380	430	438	420	337	376	438
Cyprus	21	18	17	23	15	13	15	14	16	16
Czech Republic	4 959	5 644	5 812	4 425	5 067	6 077	6 149	6 287	6 652	6 998
Denmark	1 739	1 750	1 977	1 412	1 482	1 852	1 684	1 667	1 843	1 597
Estonia	300	335	356	295	334	345	379	386	336	331
Finland	1 384	1 397	1 415	1 006	1 000	955	1 004	1 171	1 022	1 002
France	11 584	12 035	11 322	7 367	8 609	9 444	8 579	7 941	7 889	8 561
Germany	27 797	30 095	30 249	22 106	26 839	30 405	30 110	30 650	32 061	32 201
Greece	260	284	286	228	240	292	301	179	278	274
Hungary	1 818	2 117	2 249	1 613	1 890	2 169	2 201	2 484	2 754	2 944
Ireland	289	337	331	251	270	359	348	344	335	345
Italy	13 755	13 568	15 292	10 284	12 047	13 086	12 802	12 823	12 980	13 234
Latvia	134	177	209	158	189	240	230	222	246	229
Lithuania	866	853	688	477	582	718	724	750	661	508
Malta	11	13	10	8	7	7	10	9	12	12
Netherlands	5 179	6 304	6 175	3 946	5 137	6 913	6 882	7 394	6 864	5 594
Poland	6 290	7 051	7 373	6 145	6 799	7 842	8 210	8 641	9 103	9 400
Portugal	1 378	1 493	1 522	1 202	1 316	1 461	1 717	1 720	1 717	1 691
Romania	1 235	1 403	1 529	1 438	1 613	1 852	1 846	2 034	2 119	2 168
Slovak Republic	1 901	2 661	2 815	1 912	2 263	2 607	2 931	3 205	3 327	3 517
Slovenia	1 024	1 195	1 151	880	951	996	955	953	1 002	1 056
Spain	7 056	7 368	9 662	7 706	8 068	9 091	8 612	8 696	8 942	9 205
Sweden	2 994	3 272	3 157	2 064	2 575	2 970	2 746	2 666	2 645	2 704
United Kingdom	6 459	7 089	6 833	4 684	5 647	6 207	5 997	5 998	5 848	5 815
European Union (28)	110 203	118 134	122 294	88 461	102 389	116 836	116 195	118 596	120 748	120 859
Norway	1 010	1 222	1 575	1 164	1 117	1 143	671	650	784	712
Serbia and Montenegro	220	305	346	259	261	284	314	477	473	499
Switzerland	1 260	1 411	1 355	1 037	1 162	1 235	1 178	1 183	1 188	1 189
Turkey	4 536	5 226	5 787	4 359	4 729	5 181	5 471	5 831	6 238	6 328
Other Europe	7 025	8 164	9 064	6 819	7 268	7 843	7 633	8 142	8 683	8 728
Belarus	945	1 057	1 068	710	923	1 142	1 267	1 145	1 070	868
Kazakhstan	355	274	297	139	89	211	187	182	150	63
Russia	2 651	2 548	2 246	1 582	1 302	1 167	2 038	2 056	1 929	2 226
Ukraine	1 819	2 249	2 036	1 310	1 945	2 152	2 433	1 731	1 018	756
C.I.S.	5 770	6 129	5 647	3 740	4 259	4 672	5 926	5 114	4 167	3 913
Canada	8 169	7 735	5 891	3 825	4 836	5 645	5 839	5 166	5 823	5 685
Mexico	8 909	9 209	8 190	5 880	8 523	10 655	11 475	12 188	13 851	14 326
United States	19 815	20 863	20 156	13 792	18 682	22 937	22 013	21 315	22 398	19 936
N.A.F.T.A.	36 892	37 808	34 236	23 498	32 042	39 237	39 327	38 669	42 072	39 946
Argentina	708	817	924	672	895	1 014	882	890	713	526
Brazil	3 357	3 449	3 432	2 069	2 648	2 868	2 812	2 963	2 363	2 357
Chile	230	213	254	175	260	337	287	330	372	331
Colombia	207	263	212	154	148	151	171	188	164	153
Ecuador	82	74	84	72	72	65	91	61	50	52
Peru	49	48	58	57	80	76	106	101	100	91
Venezuela	181	94	239	47	20	68	23	48	16	18
South America	4 815	4 958	5 202	3 248	4 122	4 578	4 372	4 580	3 779	3 528

Table 55
(continued)

Indirect Exports of Steel

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Algeria	12	3	5	4	2	3	15	2	1	8
Angola	1	2	3	10	18	9	7	4	4	3
Cameroon	2	27	15	9	13	20	12	22	18	6
Egypt	175	180	233	324	320	214	135	223	241	132
Ethiopia	0	3	3	4	7	3	5	3	8	7
Ghana	7	8	6	16	17	56	73	43	9	5
Kenya	36	39	51	42	45	17	20	42	18	11
Morocco	47	58	50	56	76	85	136	180	252	320
Nigeria	8	6	3	12	7	9	7	5	4	5
South Africa	1 233	1 339	1 475	1 038	1 237	1 426	1 436	1 772	1 794	1 518
Tanzania	14	22	20	20	22	29	32	22	29	10
Africa	1 535	1 688	1 865	1 535	1 766	1 870	1 877	2 318	2 378	2 025
Iran	56	113	119	47	40	38	109	59	57	55
Saudi Arabia	38	133	160	55	277	103	194	140	124	102
United Arab Emirates	509	440	460	454	1 453	1 279	530	941	1 351	850
Middle East	603	686	739	556	1 769	1 420	833	1 139	1 532	1 008
Australia	679	683	697	549	667	753	835	866	829	890
China	42 231	50 428	56 068	44 710	62 010	71 460	69 431	67 239	67 458	70 455
India	2 672	2 647	3 720	3 314	2 539	4 518	4 692	4 858	5 296	5 056
Indonesia	1 231	1 455	1 693	1 274	1 467	1 554	1 629	1 565	1 710	1 265
Japan	27 372	29 129	29 204	20 858	26 532	26 875	26 972	24 194	22 959	21 749
Malaysia	1 545	1 526	1 764	1 657	2 008	1 788	1 809	1 252	1 864	1 895
New Zealand	198	190	189	165	131	177	182	173	161	170
Philippines	330	375	376	492	605	686	900	780	1 711	1 945
Singapore	2 223	2 013	2 263	1 891	2 268	2 725	2 390	2 598	2 335	1 967
South Korea	16 298	17 927	19 825	21 958	24 599	26 893	25 355	22 674	22 293	22 695
Taiwan, China	4 578	4 165	3 754	3 209	4 086	4 379	4 247	4 465	4 627	4 470
Thailand	2 751	3 134	3 427	2 652	3 687	4 235	4 751	4 906	5 121	4 968
Vietnam	218	295	423	307	468	666	805	805	870	874
Asia and Oceania	102 327	113 968	123 403	103 036	131 067	146 708	143 999	136 374	137 233	138 400
Total 74 countries	269 171	291 534	302 450	230 893	284 683	323 164	320 161	314 932	320 593	318 408

Note: indirect trade in steel represents the amount of steel exported or imported through trade in steel containing goods and is expressed in finished steel equivalent of products used.

Further explanation on definitions and methodology of indirect trade in steel can be found in report *Indirect Trade in Steel*, World Steel Association, March 2015.

Table 56

Indirect Imports of Steel

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	3 470	3 829	3 812	2 901	3 269	3 730	3 687	3 696	3 650	3 781
Belgium-Luxembourg	7 458	7 425	7 212	5 872	5 760	7 513	7 493	8 323	7 766	7 108
Bulgaria	816	962	870	458	452	519	570	607	629	654
Croatia	921	940	976	558	487	499	463	436	447	499
Cyprus	133	162	193	186	183	153	100	71	76	84
Czech Republic	2 697	3 203	3 393	2 496	2 876	3 605	3 466	3 446	3 935	4 352
Denmark	2 461	2 528	2 567	1 630	1 776	1 978	1 876	2 225	2 618	2 505
Estonia	387	398	342	223	237	335	420	443	331	315
Finland	1 296	1 431	1 534	864	1 012	1 200	1 224	1 061	1 142	1 184
France	13 362	14 442	14 358	10 605	11 513	13 329	11 779	11 213	11 165	12 107
Germany	20 493	19 597	20 868	16 143	20 477	22 453	21 231	20 923	21 791	21 851
Greece	1 208	1 511	1 335	1 015	766	571	480	391	563	568
Hungary	1 599	1 860	1 889	1 241	1 486	1 695	1 593	1 828	2 153	2 328
Ireland	1 265	1 432	1 244	682	800	747	716	758	802	921
Italy	8 351	9 259	10 526	7 665	9 003	8 879	6 676	6 327	6 747	7 506
Latvia	391	468	327	158	193	298	342	284	286	278
Lithuania	1 177	1 170	922	412	535	748	700	745	805	653
Malta	71	60	64	55	51	56	46	46	91	81
Netherlands	5 854	6 777	6 842	4 259	5 655	6 772	6 263	6 478	6 828	6 270
Poland	5 576	5 609	6 189	4 759	5 332	6 031	5 804	6 231	6 854	6 985
Portugal	1 286	1 423	1 391	1 230	1 428	1 202	1 106	1 157	1 311	1 410
Romania	1 777	2 314	2 279	1 374	1 579	1 785	1 793	1 810	1 907	2 082
Slovak Republic	1 683	2 520	2 627	2 125	2 347	2 489	2 767	3 365	3 621	3 424
Slovenia	719	862	862	597	635	661	614	629	684	731
Spain	7 985	7 489	8 541	5 509	6 929	6 311	5 562	6 774	6 641	7 306
Sweden	3 308	3 588	3 487	2 173	2 869	3 392	3 113	3 113	3 181	3 258
United Kingdom	11 511	12 287	10 878	7 553	9 453	9 955	9 687	10 484	11 369	11 853
European Union (28)	107 253	113 546	115 529	82 741	97 103	106 905	99 570	102 862	107 392	110 093
Norway	2 213	2 259	3 722	2 087	2 792	2 342	2 346	2 612	2 266	2 552
Serbia and Montenegro	531	709	754	484	445	596	635	774	686	742
Switzerland	1 874	2 022	2 056	1 763	2 009	2 203	2 141	2 141	2 165	2 264
Turkey	2 588	2 981	3 045	2 515	3 483	4 158	4 132	4 310	3 912	4 476
Other Europe	7 206	7 972	9 578	6 849	8 728	9 299	9 254	9 837	9 029	10 035
Belarus	508	624	796	585	629	732	969	995	733	574
Kazakhstan	1 868	2 157	1 761	1 459	1 130	1 555	2 032	1 966	1 986	815
Russia	7 011	9 771	11 212	4 864	7 334	10 216	11 627	11 000	9 390	6 189
Ukraine	1 814	2 327	2 974	900	1 406	1 948	2 236	1 875	1 127	825
C.I.S.	11 201	14 879	16 742	7 808	10 499	14 451	16 863	15 836	13 236	8 403
Canada	12 344	12 439	11 368	8 264	10 712	12 217	12 854	12 853	12 246	11 398
Mexico	8 369	8 217	8 141	5 172	7 336	8 355	9 664	9 228	10 325	9 664
United States	40 261	39 656	33 053	23 485	30 005	35 341	38 297	39 088	39 132	42 694
N.A.F.T.A.	60 974	60 312	52 561	36 921	48 052	55 913	60 815	61 169	61 702	63 756
Argentina	1 276	1 598	1 808	1 142	1 727	2 159	1 784	1 913	1 484	1 537
Brazil	1 703	2 261	3 151	2 606	4 055	4 902	4 752	5 347	4 694	3 703
Chile	899	1 046	1 229	880	1 630	1 967	1 927	2 008	1 631	1 589
Colombia	719	952	999	779	1 026	1 442	1 469	1 294	1 398	1 220
Ecuador	336	350	476	392	509	561	563	592	586	474
Peru	412	545	800	652	898	1 026	1 205	1 181	1 091	1 069
Venezuela	1 194	1 324	1 149	702	553	583	1 170	792	681	530
South America	6 538	8 076	9 613	7 153	10 398	12 641	12 869	13 127	11 565	10 122

Table 56
(continued)

Indirect Imports of Steel

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Algeria	874	1 145	1 446	1 595	1 591	1 489	1 771	1 921	2 183	2 100
Angola	564	619	1 048	1 462	760	1 025	1 172	1 396	1 511	551
Cameroon	82	146	211	154	190	245	206	214	241	84
Egypt	454	539	1 136	1 010	1 927	1 183	966	1 050	1 341	1 160
Ethiopia	254	280	291	351	412	339	515	653	859	933
Ghana	382	438	495	445	475	726	880	624	441	537
Kenya	170	221	301	220	237	383	447	388	590	582
Morocco	576	712	888	875	782	798	886	879	856	857
Nigeria	834	1 024	1 414	1 135	1 156	1 507	1 460	1 647	1 655	1 284
South Africa	1 645	1 946	1 793	1 161	1 542	2 041	2 059	2 169	1 854	1 621
Tanzania	256	284	421	397	427	480	483	463	629	493
Africa	6 091	7 353	9 446	8 804	9 497	10 215	10 845	11 406	12 161	10 203
Iran	1 200	1 697	2 165	1 303	1 793	1 874	1 791	1 485	2 058	1 788
Saudi Arabia	2 235	2 673	2 901	2 138	2 501	3 307	3 833	4 107	4 169	4 389
United Arab Emirates	3 210	3 727	4 546	2 678	3 113	3 590	3 183	3 473	3 971	3 961
Middle East	6 645	8 096	9 612	6 119	7 406	8 772	8 807	9 065	10 198	10 138
Australia	3 790	4 095	4 584	3 320	4 223	5 203	6 223	6 057	5 656	5 827
China	7 211	7 545	8 923	9 013	11 874	13 635	12 797	12 577	12 329	9 856
India	3 265	2 830	3 948	3 497	3 471	3 423	4 606	5 900	4 423	4 643
Indonesia	2 407	2 208	3 898	3 317	4 102	4 855	5 367	4 744	4 627	3 277
Japan	5 984	6 620	6 469	4 796	5 932	6 541	7 054	7 067	7 386	7 135
Malaysia	2 210	2 096	1 936	2 236	2 924	2 203	2 437	2 285	2 385	2 415
New Zealand	720	783	763	489	519	634	714	817	976	985
Philippines	839	1 202	1 198	1 164	1 340	1 306	1 504	1 666	1 749	2 042
Singapore	2 744	2 964	3 557	2 321	2 579	3 371	3 800	3 099	2 704	2 453
South Korea	3 672	4 822	5 460	5 632	5 977	6 057	6 419	6 499	6 087	6 603
Taiwan, China	1 793	1 510	1 538	1 491	2 129	1 867	1 347	1 445	1 579	1 536
Thailand	1 747	1 909	2 392	1 972	2 486	3 024	3 826	3 721	3 303	3 319
Vietnam	655	927	1 157	1 001	1 141	1 361	1 148	1 356	1 640	2 027
Asia and Oceania	37 039	39 510	45 822	40 247	48 697	53 480	57 242	57 232	54 845	52 119
Total 74 countries	242 947	259 744	268 902	196 643	240 381	271 677	276 265	280 534	280 129	274 868

Table 57

Indirect Net Exports of Steel

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	39	12	22	- 195	- 80	- 156	- 99	- 90	10	- 96
Belgium-Luxembourg	- 293	- 672	- 296	- 406	- 289	- 1 077	- 221	- 381	- 200	- 282
Bulgaria	- 394	- 528	- 468	- 180	- 94	- 31	- 87	- 130	- 137	- 145
Croatia	- 246	- 293	- 265	- 178	- 57	- 61	- 43	- 99	- 71	- 61
Cyprus	- 112	- 144	- 175	- 163	- 169	- 140	- 84	- 57	- 60	- 68
Czech Republic	2 262	2 441	2 419	1 930	2 190	2 473	2 683	2 840	2 717	2 647
Denmark	- 722	- 778	- 590	- 218	- 294	- 126	- 192	- 558	- 775	- 909
Estonia	- 87	- 62	14	72	97	10	- 40	- 57	5	17
Finland	88	- 34	- 119	142	- 12	- 246	- 220	110	- 120	- 182
France	- 1 778	- 2 407	- 3 036	- 3 238	- 2 905	- 3 885	- 3 200	- 3 271	- 3 276	- 3 546
Germany	7 304	10 498	9 382	5 963	6 362	7 952	8 879	9 727	10 271	10 350
Greece	- 948	- 1 227	- 1 049	- 786	- 526	- 280	- 179	- 212	- 285	- 293
Hungary	219	257	360	373	404	475	608	657	601	616
Ireland	- 976	- 1 095	- 912	- 431	- 530	- 388	- 369	- 415	- 467	- 576
Italy	5 404	4 308	4 765	2 619	3 044	4 207	6 125	6 496	6 234	5 728
Latvia	- 257	- 292	- 118	0	- 3	- 58	- 112	- 63	- 40	- 48
Lithuania	- 311	- 317	- 234	65	47	- 30	24	5	- 144	- 145
Malta	- 60	- 47	- 54	- 47	- 44	- 49	- 36	- 37	- 79	- 70
Netherlands	- 675	- 473	- 667	- 313	- 518	140	619	916	36	- 677
Poland	714	1 442	1 185	1 386	1 468	1 811	2 406	2 411	2 250	2 416
Portugal	92	70	130	- 28	- 111	258	612	563	407	280
Romania	- 541	- 911	- 750	64	33	67	53	224	212	86
Slovak Republic	218	140	188	- 213	- 84	117	164	- 160	- 294	93
Slovenia	305	333	288	283	316	335	341	324	318	324
Spain	- 929	- 121	1 122	2 197	1 139	2 780	3 050	1 922	2 301	1 899
Sweden	- 314	- 316	- 330	- 109	- 294	- 421	- 367	- 447	- 536	- 554
United Kingdom	- 5 052	- 5 197	- 4 045	- 2 869	- 3 806	- 3 748	- 3 690	- 4 486	- 5 521	- 6 038
European Union (28)	2 950	4 588	6 765	5 720	5 286	9 930	16 624	15 734	13 356	10 766
Norway	- 1 203	- 1 038	- 2 147	- 923	- 1 675	- 1 199	- 1 675	- 1 962	- 1 482	- 1 840
Serbia and Montenegro	- 312	- 404	- 408	- 225	- 184	- 312	- 321	- 297	- 213	- 243
Switzerland	- 614	- 611	- 701	- 726	- 847	- 969	- 963	- 957	- 977	- 1 076
Turkey	1 948	2 245	2 742	1 844	1 247	1 023	1 339	1 521	2 326	1 852
Other Europe	- 181	192	- 514	- 30	- 1 459	- 1 457	- 1 621	- 1 695	- 346	- 1 307
Belarus	437	434	272	124	294	410	298	149	337	294
Kazakhstan	- 1 513	- 1 883	- 1 464	- 1 320	- 1 041	- 1 344	- 1 844	- 1 784	- 1 836	- 751
Russia	- 4 360	- 7 223	- 8 966	- 3 282	- 6 032	- 9 049	- 9 588	- 8 944	- 7 461	- 3 963
Ukraine	5	- 77	- 937	409	539	205	197	- 144	- 109	- 69
C.I.S.	- 5 431	- 8 750	- 11 095	- 4 068	- 6 240	- 9 779	- 10 938	- 10 722	- 9 069	- 4 490
Canada	- 4 175	- 4 704	- 5 477	- 4 438	- 5 875	- 6 572	- 7 016	- 7 687	- 6 423	- 5 714
Mexico	540	992	49	708	1 187	2 300	1 811	2 960	3 526	4 661
United States	- 20 446	- 18 793	- 12 897	- 9 692	- 11 322	- 12 404	- 16 283	- 17 773	- 16 734	- 22 758
N.A.F.T.A.	- 24 081	- 22 505	- 18 325	- 13 423	- 16 011	- 16 676	- 21 488	- 22 499	- 19 630	- 23 810
Argentina	- 568	- 781	- 884	- 470	- 832	- 1 146	- 902	- 1 023	- 771	- 1 012
Brazil	1 655	1 188	280	- 537	- 1 407	- 2 034	- 1 940	- 2 384	- 2 330	- 1 346
Chile	- 669	- 833	- 975	- 705	- 1 370	- 1 630	- 1 640	- 1 678	- 1 259	- 1 257
Colombia	- 512	- 689	- 787	- 625	- 878	- 1 291	- 1 298	- 1 106	- 1 234	- 1 067
Ecuador	- 253	- 276	- 392	- 319	- 437	- 497	- 472	- 531	- 535	- 422
Peru	- 363	- 497	- 743	- 595	- 818	- 950	- 1 099	- 1 080	- 991	- 977
Venezuela	- 1 013	- 1 229	- 911	- 655	- 534	- 515	- 1 147	- 745	- 665	- 512
South America	- 1 723	- 3 118	- 4 411	- 3 906	- 6 276	- 8 062	- 8 497	- 8 547	- 7 786	- 6 594

Table 57
(continued)

Indirect Net Exports of Steel

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Algeria	- 862	- 1 142	- 1 441	- 1 591	- 1 588	- 1 486	- 1 756	- 1 920	- 2 182	- 2 092
Angola	- 563	- 617	- 1 045	- 1 451	- 741	- 1 015	- 1 165	- 1 392	- 1 507	- 549
Cameroon	- 80	- 118	- 197	- 145	- 176	- 225	- 194	- 193	- 224	- 79
Egypt	- 279	- 359	- 903	- 686	- 1 606	- 969	- 831	- 828	- 1 099	- 1 028
Ethiopia	- 254	- 277	- 287	- 346	- 405	- 336	- 510	- 650	- 851	- 926
Ghana	- 376	- 430	- 489	- 430	- 457	- 671	- 807	- 581	- 432	- 532
Kenya	- 134	- 182	- 250	- 179	- 192	- 366	- 428	- 346	- 572	- 571
Morocco	- 529	- 654	- 838	- 819	- 705	- 713	- 750	- 698	- 604	- 536
Nigeria	- 826	- 1 018	- 1 411	- 1 123	- 1 149	- 1 498	- 1 453	- 1 642	- 1 651	- 1 279
South Africa	- 412	- 607	- 318	- 122	- 304	- 616	- 623	- 398	- 60	- 103
Tanzania	- 242	- 262	- 401	- 376	- 405	- 452	- 451	- 441	- 600	- 483
Africa	- 4 556	- 5 665	- 7 581	- 7 269	- 7 731	- 8 345	- 8 967	- 9 088	- 9 783	- 8 178
Iran	- 1 144	- 1 584	- 2 047	- 1 256	- 1 753	- 1 836	- 1 682	- 1 427	- 2 000	- 1 733
Saudi Arabia	- 2 197	- 2 540	- 2 741	- 2 083	- 2 224	- 3 205	- 3 639	- 3 967	- 4 045	- 4 287
United Arab Emirates	- 2 701	- 3 287	- 4 086	- 2 224	- 1 660	- 2 312	- 2 653	- 2 532	- 2 620	- 3 110
Middle East	- 6 042	- 7 410	- 8 873	- 5 563	- 5 637	- 7 352	- 7 974	- 7 926	- 8 666	- 9 130
Australia	- 3 112	- 3 412	- 3 887	- 2 771	- 3 556	- 4 450	- 5 389	- 5 191	- 4 827	- 4 937
China	35 020	42 883	47 145	35 697	50 136	57 825	56 634	54 662	55 129	60 599
India	- 593	- 183	- 228	- 183	- 931	1 094	87	- 1 042	873	413
Indonesia	- 1 176	- 753	- 2 205	- 2 043	- 2 635	- 3 301	- 3 738	- 3 179	- 2 918	- 2 011
Japan	21 388	22 509	22 735	16 061	20 599	20 333	19 918	17 127	15 573	14 614
Malaysia	- 666	- 570	- 172	- 579	- 916	- 415	- 628	- 1 033	- 521	- 520
New Zealand	- 522	- 593	- 574	- 323	- 388	- 457	- 532	- 644	- 816	- 815
Philippines	- 510	- 827	- 822	- 672	- 734	- 620	- 604	- 886	- 38	- 96
Singapore	- 521	- 950	- 1 294	- 430	- 311	- 646	- 1 410	- 501	- 369	- 486
South Korea	12 626	13 105	14 365	16 326	18 622	20 836	18 936	16 175	16 206	16 092
Taiwan, China	2 785	2 655	2 216	1 718	1 957	2 513	2 900	3 020	3 048	2 934
Thailand	1 004	1 225	1 036	680	1 200	1 211	924	1 185	1 818	1 649
Vietnam	- 437	- 631	- 734	- 694	- 673	- 695	- 343	- 551	- 770	- 1 153
Asia and Oceania	65 288	74 458	77 581	62 789	82 370	93 228	86 757	79 142	82 388	86 281
Total 74 countries	26 224	31 790	33 548	34 250	44 302	51 488	43 897	34 398	40 465	43 540

Table 58

True Steel Use
(finished steel equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	4 037	4 079	3 863	3 299	3 590	4 050	3 757	3 655	3 595	4 007
Belgium-Luxembourg	5 793	6 272	5 696	4 506	4 900	6 111	4 469	4 572	4 523	4 611
Bulgaria	2 111	2 530	2 311	916	877	1 091	1 033	1 164	1 571	1 431
Croatia	1 061	1 322	1 379	956	792	720	667	741	706	738
Cyprus	498	640	666	468	510	371	245	187	167	211
Czech Republic	3 708	4 127	4 117	2 576	3 330	3 590	3 167	3 025	3 478	3 968
Denmark	2 767	2 809	2 374	1 140	1 346	1 552	1 618	1 974	2 195	2 370
Estonia	658	561	385	103	195	340	357	383	336	301
Finland	2 290	2 575	2 432	1 418	1 416	1 362	2 137	1 610	1 829	1 888
France	18 560	20 274	19 616	14 727	17 342	19 103	16 404	16 888	16 801	17 121
Germany	31 918	32 221	32 985	22 242	29 876	32 760	28 618	28 286	29 371	28 915
Greece	5 049	5 400	4 676	3 335	2 458	1 732	1 210	1 368	1 589	1 324
Hungary	2 022	2 392	2 370	1 160	1 373	1 413	1 098	1 206	1 485	1 727
Ireland	2 016	2 221	1 805	786	951	784	775	818	946	1 142
Italy	31 038	31 621	28 523	17 456	22 608	22 343	15 393	15 408	15 674	18 760
Latvia	739	822	541	272	372	643	313	278	361	322
Lithuania	955	1 047	783	198	308	470	436	516	733	709
Malta	123	116	107	92	100	82	68	68	118	113
Netherlands	4 318	5 701	5 416	3 336	4 036	3 941	3 407	2 826	3 427	4 284
Poland	10 748	11 479	10 457	6 489	8 185	9 088	7 889	8 123	9 894	10 365
Portugal	3 318	3 337	3 164	2 331	2 605	1 958	1 400	1 794	1 697	2 048
Romania	5 102	6 482	5 917	2 581	3 252	3 696	3 269	3 073	3 618	3 911
Slovak Republic	1 724	2 154	1 948	1 599	1 884	1 726	1 675	2 177	2 430	2 091
Slovenia	898	1 062	959	592	675	690	558	562	596	642
Spain	24 570	24 621	16 875	9 679	11 929	10 334	7 383	9 001	9 298	10 653
Sweden	4 783	5 172	4 669	2 678	3 935	4 314	3 869	4 037	3 925	3 928
United Kingdom	19 195	19 513	17 078	10 747	13 700	13 973	13 337	14 079	16 176	16 522
European Union (28)	189 997	200 549	181 113	115 685	142 543	148 236	124 553	127 819	136 538	144 102
Norway	2 491	2 250	3 339	1 854	2 522	2 261	2 681	2 921	2 915	2 875
Serbia and Montenegro	2 022	1 954	1 558	1 088	749	1 029	899	777	850	1 085
Switzerland	2 996	3 155	3 148	2 666	3 305	3 605	3 662	3 738	3 750	3 661
Turkey	19 274	21 526	18 711	16 182	22 320	25 908	27 129	29 780	28 447	32 529
Other Europe	26 783	28 884	26 755	21 791	28 896	32 803	34 370	37 217	35 961	40 150
Belarus	1 627	1 871	2 203	1 700	2 284	2 084	2 314	2 448	1 817	1 407
Kazakhstan	3 896	4 878	3 861	3 957	3 146	3 571	4 625	5 274	4 591	3 435
Russia	39 278	47 601	44 433	28 110	42 777	50 540	52 382	52 254	50 607	43 787
Ukraine	6 638	8 129	7 637	3 513	4 940	6 127	5 951	5 713	4 391	3 392
C.I.S.	51 438	62 480	58 134	37 281	53 148	62 322	65 272	65 689	61 406	52 021
Canada	22 293	20 215	20 152	13 970	19 965	20 743	22 590	22 487	22 197	19 058
Mexico	16 593	16 114	17 688	14 467	16 573	17 504	19 101	17 614	19 895	20 116
United States	140 047	127 078	111 306	68 898	91 219	101 604	112 483	113 473	123 691	118 889
N.A.F.T.A.	178 934	163 407	149 145	97 335	127 758	139 851	154 174	153 574	165 783	158 063
Argentina	5 062	5 398	5 670	3 673	5 452	6 484	5 801	6 088	5 780	6 266
Brazil	16 880	20 872	23 768	19 113	28 076	28 128	28 513	30 402	27 936	22 637
Chile	2 971	3 143	3 542	2 410	3 753	4 368	4 647	4 379	3 896	4 054
Colombia	3 335	3 449	3 345	2 858	3 677	4 509	4 804	4 594	5 188	5 099
Ecuador	1 386	1 104	1 708	1 364	1 680	2 247	1 977	2 465	2 195	2 123
Peru	1 750	2 040	2 892	2 180	3 239	3 372	3 775	3 846	3 891	4 469
Venezuela	4 248	4 876	4 311	3 339	2 800	3 121	4 137	3 617	2 704	2 356
South America	35 632	40 883	45 236	34 936	48 676	52 229	53 653	55 391	51 591	47 005

Table 58
(continued)

	True Steel Use (finished steel equivalent)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Algeria	3 965	4 051	5 138	5 868	4 651	5 273	6 400	7 561	8 354	8 082
Angola		641	2 030	2 395	1 373	1 801	2 203	2 410	2 541	1 328
Cameroon	229	267	349	314	336	380	427	424	493	348
Egypt	4 942	5 869	8 363	11 740	10 938	8 749	10 299	10 035	11 281	11 890
Ethiopia		686	581	852	715	793	1 204	1 452	1 686	1 964
Ghana	640	694	963	866	959	1 472	1 545	1 302	1 223	1 443
Kenya	720	765	868	1 010	1 001	1 584	1 387	1 662	1 913	2 286
Morocco	2 028	2 074	2 714	2 546	2 338	3 512	3 350	3 471	3 139	3 236
Nigeria	2 090	2 277	3 130	2 988	2 582	3 348	3 293	3 924	3 676	3 040
South Africa	6 280	6 414	6 444	4 578	5 305	5 948	5 889	6 087	5 177	5 397
Tanzania	451	470	653	696	736	893	860	1 166	1 201	1 148
Africa	22 846	24 208	31 231	33 854	30 934	33 751	36 859	39 494	40 685	40 162
Iran	14 924	19 893	17 092	18 802	21 443	22 956	20 655	21 225	21 880	21 453
Saudi Arabia	10 093	10 958	12 354	12 089	12 944	15 205	16 179	17 267	18 145	17 787
United Arab Emirates	9 199	10 999	16 177	8 465	8 288	9 145	9 697	9 352	9 770	10 246
Middle East	34 215	41 849	45 623	39 356	42 675	47 305	46 531	47 844	49 795	49 486
Australia	10 012	10 749	11 313	8 112	10 523	10 474	11 846	10 948	11 276	11 229
China	342 644	375 543	399 716	515 746	537 445	583 398	603 471	686 784	655 252	611 738
India	46 193	51 665	51 666	58 075	65 871	68 694	72 296	74 694	75 058	79 785
Indonesia	7 421	7 998	11 028	9 463	11 585	14 253	16 238	15 871	15 815	13 387
Japan	57 602	58 671	55 215	36 729	42 971	43 767	44 032	48 113	52 117	48 336
Malaysia	7 445	8 264	8 662	7 224	9 230	8 652	9 549	11 081	10 600	10 521
New Zealand	1 412	1 523	1 474	883	1 123	1 157	1 269	1 413	1 659	1 623
Philippines	3 671	4 224	4 377	4 105	4 733	5 728	6 612	7 591	7 363	8 856
Singapore	2 521	3 850	4 690	3 234	2 991	4 543	5 236	4 777	4 202	4 501
South Korea	37 206	42 098	44 207	29 088	33 768	35 555	35 133	35 587	39 315	39 708
Taiwan, China	17 035	15 425	14 694	9 562	15 833	15 583	14 877	15 551	16 510	14 593
Thailand	11 586	11 493	12 430	10 070	12 884	13 307	15 456	16 644	15 850	15 038
Vietnam	6 584	9 948	8 918	11 616	11 245	10 392	11 299	12 320	15 211	19 407
Asia and Oceania	551 330	601 451	628 390	703 907	760 203	815 503	847 313	941 375	920 227	878 722
Total 74 countries	1 091 174	1 163 709	1 165 628	1 084 145	1 234 832	1 332 001	1 362 726	1 468 402	1 461 987	1 409 710

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)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Austria	487.3	490.7	463.2	394.2	426.9	478.7	441.1	426.1	416.4	461.7
Belgium-Luxembourg	522.0	561.0	505.7	397.0	428.4	530.3	384.9	390.8	383.9	388.6
Bulgaria	276.9	334.3	307.7	122.9	118.4	148.3	141.3	160.2	217.6	199.4
Croatia	242.6	303.1	316.8	220.3	182.9	167.0	155.2	173.3	165.9	174.1
Cyprus	475.9	601.9	615.6	426.4	458.5	330.0	215.9	163.6	145.1	182.0
Czech Republic	360.0	398.5	395.0	245.7	316.0	339.7	299.2	285.5	328.2	374.3
Denmark	508.2	513.5	431.8	206.3	242.3	278.0	288.3	350.2	387.5	416.5
Estonia	487.7	417.2	287.3	77.0	146.1	255.9	269.6	289.8	254.6	229.1
Finland	433.8	486.0	457.1	265.4	263.8	252.7	394.7	296.1	335.0	344.4
France	301.3	327.2	314.7	234.9	275.2	301.6	257.8	264.2	261.7	265.6
Germany	391.4	396.1	406.6	274.7	369.3	404.8	353.0	348.1	360.4	353.9
Greece	445.3	474.5	409.5	291.5	214.7	151.6	106.4	120.9	141.1	118.0
Hungary	201.0	238.6	237.2	116.5	138.3	142.8	111.2	122.5	151.3	176.5
Ireland	468.5	505.0	402.1	172.1	205.6	168.1	165.8	174.8	201.8	242.9
Italy	525.4	533.1	479.4	292.7	378.5	373.9	257.7	258.2	263.0	315.3
Latvia	332.3	373.7	249.0	126.9	175.7	307.2	151.5	136.5	179.0	161.6
Lithuania	289.0	321.1	243.5	62.4	98.5	152.6	143.4	172.1	247.4	241.9
Malta	300.4	282.7	260.0	222.1	239.3	196.9	162.5	159.6	278.0	264.5
Netherlands	262.6	345.4	326.9	200.6	241.9	235.5	202.9	167.8	202.9	252.9
Poland	280.3	299.5	272.8	169.3	213.6	237.2	205.9	212.0	258.4	270.9
Portugal	313.1	313.9	297.1	218.7	244.6	184.2	132.3	170.4	162.1	196.6
Romania	240.2	308.1	284.2	125.2	159.1	182.1	162.1	153.1	181.1	196.8
Slovak Republic	319.4	399.0	360.9	296.1	348.6	319.0	309.3	401.3	447.2	384.4
Slovenia	448.2	527.7	473.9	290.8	330.0	335.8	270.8	272.0	287.9	309.2
Spain	549.4	542.4	366.9	208.3	255.0	220.3	157.6	192.7	199.9	229.6
Sweden	525.8	564.4	505.5	287.5	419.0	455.7	405.5	419.9	405.0	402.3
United Kingdom	315.7	317.7	275.1	171.3	216.4	219.0	207.6	217.8	248.8	252.6
European Union (28)	382.1	401.8	361.6	230.2	282.9	293.6	246.3	252.5	269.4	283.9
Norway	533.0	476.6	699.8	384.0	516.2	457.0	534.8	575.4	567.2	552.9
Serbia and Montenegro	206.6	200.3	160.2	112.3	77.6	107.0	93.8	81.4	89.3	114.5
Switzerland	400.4	417.3	411.7	344.6	422.0	454.6	455.9	459.7	455.6	440.0
Turkey	280.3	309.3	265.6	226.8	308.6	352.9	363.8	392.9	369.3	415.6
Other Europe	295.3	315.2	289.0	232.8	305.1	342.0	353.6	377.7	359.9	396.5
Belarus	169.9	196.1	231.7	179.2	241.1	220.1	244.3	258.3	191.5	148.4
Kazakhstan	248.3	308.0	241.3	244.5	191.8	214.5	273.3	306.5	262.5	193.5
Russia	274.1	332.5	310.5	196.4	298.8	352.8	365.2	363.9	352.0	304.3
Ukraine	142.4	175.3	165.3	76.4	107.9	134.4	131.2	126.6	97.8	76.0
C.I.S.	239.0	290.7	270.7	173.6	247.4	289.9	303.4	305.0	284.8	241.1
Canada	682.9	612.2	603.3	413.4	584.3	600.6	647.3	637.8	623.4	530.1
Mexico	150.7	144.1	155.6	125.2	141.3	147.0	158.1	143.7	160.2	159.8
United States	470.2	422.8	366.9	225.1	295.6	326.6	359.0	359.6	389.3	371.6
N.A.F.T.A.	406.1	366.8	331.1	213.7	277.7	301.0	328.7	324.5	347.2	328.1
Argentina	128.0	135.1	140.4	90.0	132.3	155.6	137.8	143.1	134.5	144.3
Brazil	89.3	109.3	123.2	98.1	142.7	141.6	142.2	150.2	136.8	109.9
Chile	182.0	190.6	212.6	143.2	220.8	254.7	268.5	250.7	221.2	228.3
Colombia	76.1	77.7	74.5	62.9	80.1	97.2	102.5	97.0	108.6	105.7
Ecuador	99.3	77.7	118.2	92.9	112.5	148.0	128.2	157.4	138.1	131.5
Peru	62.6	72.1	101.0	75.2	110.3	113.3	125.2	125.8	125.6	142.4
Venezuela	156.0	176.1	153.2	116.8	96.5	105.9	138.4	119.3	88.0	75.6
South America	99.6	112.9	123.5	94.4	130.1	138.1	140.3	143.4	132.2	119.3

Table 59
(continued)

True Steel Use per Capita
(kg finished steel equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Algeria	117.4	118.1	147.4	165.5	128.8	143.2	170.4	197.2	213.6	202.7
Angola		30.5	93.3	106.2	58.8	74.4	87.8	92.7	94.4	47.7
Cameroon	12.8	14.5	18.5	16.2	16.8	18.5	20.2	19.6	22.1	15.2
Egypt	63.2	73.8	103.3	142.4	130.1	101.9	117.3	111.7	122.9	126.8
Ethiopia		8.5	7.0	10.0	8.1	8.8	13.0	15.3	17.3	19.7
Ghana	28.9	30.6	41.3	36.2	39.1	58.6	60.0	49.4	45.4	52.3
Kenya	19.4	20.1	22.2	25.1	24.2	37.3	31.8	37.1	41.6	48.4
Morocco	65.7	66.4	85.9	79.6	72.1	106.9	100.5	102.6	91.5	93.0
Nigeria	14.7	15.6	20.8	19.3	16.3	20.6	19.7	22.8	20.8	16.8
South Africa	127.2	128.6	127.8	89.8	102.8	113.8	111.1	113.2	94.9	97.6
Tanzania	11.1	11.2	15.1	15.6	16.0	18.8	17.5	23.0	23.0	21.3
Africa	41.4	42.9	54.1	57.2	51.1	54.4	57.9	60.6	60.9	58.7
Iran	209.5	276.2	234.6	255.2	287.6	304.1	270.2	274.1	279.0	270.3
Saudi Arabia	410.6	433.9	476.2	453.4	472.0	538.4	556.2	576.6	589.6	563.6
United Arab Emirates	1 754.8	1 819.7	2 346.5	1 104.1	1 002.0	1 054.4	1 089.5	1 038.4	1 077.0	1 119.3
Middle East	338.6	405.0	431.7	364.4	387.0	420.9	406.6	411.1	421.1	412.1
Australia	486.6	513.1	530.1	373.2	475.7	465.9	519.1	472.9	480.3	471.8
China	257.8	280.9	297.3	381.4	395.3	426.6	438.8	496.7	471.4	437.9
India	39.8	43.8	43.2	47.8	53.5	55.1	57.2	58.4	58.0	60.9
Indonesia	32.3	34.3	46.7	39.5	47.8	58.0	65.2	63.0	62.0	51.9
Japan	448.5	456.6	429.5	285.7	334.3	340.6	342.9	375.0	406.6	377.7
Malaysia	284.8	310.4	319.5	261.7	328.3	302.2	327.4	373.0	350.7	342.4
New Zealand	337.3	359.8	344.4	204.3	257.0	261.9	283.9	312.8	363.2	351.8
Philippines	41.8	47.3	48.2	44.5	50.5	60.1	68.3	77.1	73.6	87.1
Singapore	546.7	813.6	966.8	651.3	589.4	877.6	993.3	891.2	771.2	813.2
South Korea	760.9	858.0	898.2	589.1	681.5	714.8	703.3	709.3	780.3	784.8
Taiwan, China	749.6	675.6	640.9	415.4	685.3	672.1	639.5	666.3	705.1	621.4
Thailand	176.0	173.6	186.8	150.6	191.7	197.0	227.8	244.2	231.7	219.0
Vietnam	77.4	115.8	102.8	132.7	127.1	116.2	124.9	134.7	164.4	207.4
Asia and Oceania	171.5	185.2	191.6	212.5	227.4	241.6	248.8	274.0	265.5	251.4
Total 74 countries	199.5	210.5	208.6	192.0	216.4	231.0	233.9	249.5	246.0	235.0

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:

Eurofer
 Instituto Latinoamericano del Fierro y el Acero (ALACERO, formerly ILAFA)
 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
 Metal Bulletin
 MIDREX
 United Nations Statistics Division
 United Nations Trust Fund Project on Iron Ore Information

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

Country:	Source:
Argentina	Acero Argentino (formerly IAS)
Australia	BlueScope, Arrium (formerly OneSteel)
Austria	voestalpine
Belgium	Groupement de la Sidérurgie ASBL/Staalindustrie Verbond VZW (GSV)
Brazil	Instituto Aço Brasil (formerly IBS)
Bulgaria	Bulgarian Association of the Metallurgical Industry
Canada	Statistics Canada
China	China Iron and Steel Association (CISA)
Croatia	Central Bureau of Statistics
Czech Republic and Slovak Republic	The Steel Federation (Hutnictví železa, a.s.-HZ)
Egypt	Ezz Steel
Finland	Perusimetal (Association of Finnish Steel and Metal Producers) Rautaruukki Oy
France	Centre Professionnel des Statistiques de l'Acier (CPS)
Germany	Wirtschaftsvereinigung Stahl
Hungary	Magyar vas-és Acélipari Egyesülés (Association of the Hungarian Steel Industry)

Annex

India	Joint Plant Committee, Ministry of Steel (JPC), Steel Scenario
Iran	IMIDRO
Italy	Federacciai
Japan	Japan Iron and Steel Federation
South Korea	Korea Iron and Steel Association, POSRI
Libya	Libya Iron and Steel Company (LISCO)
Netherlands	Tata Steel
Macedonia	Duferco
Mexico	Canacero
New Zealand	BlueScope
Norway	Celsa, Eramet
Pakistan	Pakistan Bureau of Statistics
Poland	Hutnicza Izba Przemysłowo-Handlowa HIPH (Polish Steel Association)
Qatar	Qatar Steel Company (Q.S.C.)
Romania	Romanian Union for the Steel Industry
Russia	Evraz, International Metallurgists Union, NLMK
Saudi Arabia	Saudi Iron and Steel Co. (HADEED)
Serbia	Steel Industry Association
Slovenia	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
Thailand	Iron and Steel Institute of Thailand (ISIT)
Turkey	Erdemir, Turkish Iron and Steel Producers Association
United Arab Emirates	Emirates Steel
United Kingdom	ISSB Ltd. – formerly Iron and Steel Statistics Bureau (UK)
United States	American Iron and Steel Institute (AISI)
Zimbabwe	Zimbabwe Iron and Steel Co. (ZISCOSTEEL)

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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