

MONTHLY IRON PRODUCTION
thousand tonnes

												worldsteel 91		
												2016		
												20 Dec 16		
Blast Furnace Iron:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	<i>Last update</i>
Austria	529	501	460	392	477	502	483	430	413	478	474		5 139	14 Dec 16
Belgium	406	389	412	380	420	400	418	414	394	441	369		4 445	16 Dec 16
Czech Republic	332	337	361	343	375	353	347	364	344	319	348		3 823	20 Dec 16
France	897	885	776	547	730	867	742	835	869	887	867		8 903	14 Dec 16
Germany	2 451	2 149	2 516	2 290	2 478	2 295	2 245	2 286	2 035	2 202	2 060 e		25 008	13 Dec 16
Hungary	54	53	58	55	58	55	91	98	73	88	82		765	19 Dec 16
Italy	490	472	518	508	548	507	508	530	451	500	494		5 526	16 Dec 16
Netherlands	522	504	530	430	525	490	531	566	483	543	508		5 632	15 Dec 16
Poland	413	424	417	416	336	320	309 e	398 e	373 e	411 e	400 e		4 217	9 Dec 16
Slovakia	315	267	348	313	344	346	354	369	340	358	343		3 697	13 Dec 16
Spain	389	365	377	386	401	376	394	352	385	214	203		3 842	16 Dec 16
United Kingdom	498	469	525	532	599	490	552	470	554	569 r	464		5 723	20 Dec 16
Other E.U. (28) (e)	639 e	610 e	653 e	664 e	660 e	638 e	647 e	638 e	651 e	623 e	587 e		7 011	16 Dec 16
European Union (28)	7 935	7 425	7 951	7 258	7 951	7 640	7 622	7 750	7 365	7 634	7 200		83 730	
Bosnia-Herzegovina	67	57	66	70	74	72	72	69	49	52	63		711	15 Dec 16
Serbia	34	68	72	66	97	116	117	117	112	103	119		1 019	15 Dec 16
Turkey	826	794	874	850	893	874	875	873	866	858	854		9 438	15 Dec 16
Other Europe	928	919	1 012	986	1 064	1 062	1 064	1 058	1 027	1 013	1 035		11 167	
Kazakhstan	297	254	0	281	320	305	315	311	310	294	305 e		2 992	16 Dec 16
Russia	4 274	4 241	4 605	4 258	4 389	4 205	4 482	4 370	4 260	4 185	4 215 e		47 484	16 Dec 16
Ukraine	1 921	1 883	2 078	2 063	2 245	1 765	2 076	1 962	1 940	1 937	1 885 e		21 755	16 Dec 16
C.I.S.	6 492	6 378	6 683	6 602	6 954	6 275	6 873	6 643	6 510	6 416	6 405		72 231	
Canada	587	508	569	525	488	526	568	484	465	497	480 e		5 695	13 Dec 16
Mexico	355	336	303	308	338	404	419	370	400	438	425 e		4 095	25 Nov 16
United States	1 907	2 009	2 044	1 864	1 908	1 952	1 888	1 859	1 771	1 614	1 600 e		20 417	5 Dec 16
North America	2 849	2 852	2 916	2 698	2 734	2 882	2 876	2 713	2 636	2 548	2 505		30 207	
Argentina	190	163	178	183	192	187	185	183	162	183	175 e		1 981	10 Nov 16
Brazil (1)	2 099	1 914	2 073	1 832	2 090	2 030	2 153	2 189	2 080	2 234	2 085		22 778	16 Dec 16
Chile	57	56	57	53	60	55	59	58	57	55	50 e		618	13 Dec 16
Colombia	14	1	29	25	18	18	22	21	20 r	20	20 e		209	13 Dec 16
Paraguay	2	5	5	5	4	5	5	5	5 r	5	5 e		51	13 Dec 16
South America	2 362	2 139	2 342	2 098	2 364	2 295	2 424	2 456	2 323	2 497	2 335		25 636	
South Africa	387	351	379	389	393	388	353	301	340	352	346		3 979	15 Dec 16
Iran	189	169	153	166	225	231	213	223	206	215 e	210 e		2 200	19 Oct 16

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												2016		
												20 Dec 16		
Blast Furnace Iron:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
China	54 450 e	50 940 e	60 199	58 420	60 649	59 744	57 807	60 193	59 317	58 759	57 230		643 260	16 Dec 16
India	4 838	4 789	5 408	5 075	5 303	5 308	5 339	5 341	5 286	5 494	5 320 e		57 501	21 Nov 16
Japan	6 887	6 433	6 744	6 517	6 845	6 659	6 938	7 006	6 428	6 779	6 390		73 627	20 Dec 16
South Korea	3 856	3 636	3 763	3 585	3 632	3 554	4 141	4 220	4 070	3 963	3 840 e		42 260	21 Nov 16
Pakistan	0	0	0	0	0	0	0	0	0	0 e	0 e		0	12 Dec 16
Taiwan, China	1 204	1 214	1 235	1 229	1 238	1 268	1 277	1 271	1 214	1 270 e	1 230 e		13 649	23 Nov 16
Asia	71 236	67 012	77 349	74 825	77 666	76 533	75 502	78 031	76 315	76 265	74 010		830 297	
Australia	318	201	313	280	295	306	328	304	333	332	313		3 324	14 Dec 16
New Zealand (2)	58	46	51	57	62	59	57	63	54	41	59		606	8 Dec 16
Oceania	376	247	364	337	356	365	385	366	386	373	372		3 930	
Total 39 countries (3)	92 753	87 493	99 150	95 359	99 706	97 670	97 312	99 541	97 109	97 313	94 418		1 063 377	
Direct Reduced Iron:														
Canada	100	92	99	129	130	138	153	145	139	58	60 e		1 243	14 Nov 16
Mexico	344	407	344	492	542	523	413	484	451	437	420 e		4 858	25 Nov 16
Trinidad and Tobago	129	0	0	0	0	0	0	0	0	0	0		129	16 Nov 16
Argentina	108	84	90	44	56	51	41	0	18	98	95 e		684	10 Nov 16
Peru	3	3	4	1	0	0	0	0	0	0	0		11	13 Dec 16
Venezuela	56	22	12	32	45	53	56	73	61 r	63	60 e		535	13 Dec 16
Egypt	170	185	219	187	241	211	232	237 r	245	204	227		2 358	13 Dec 16
Libya	72	54	46	104	41	41	28	67	57	30	64		604	19 Dec 16
South Africa	79 e	64 e	74 e	75 e	72 e	70 e	49 e	23 e	34 e	30 e	63 e		633	15 Nov 16
Iran	1 226	1 206	1 235	1 425	1 433	1 385	1 252	1 345	1 431	1 480 e	1 430 e		14 848	19 Oct 16
Qatar	112	128	246	235	220	231	220	236	236	238	218		2 320	13 Dec 16
Saudi Arabia (4)	364	320	470	480	497	481	452	428	432	310	396		4 629	6 Dec 16
United Arab Emirates	279	275	312	203	184	196	356	337	296	365	325		3 128	14 Dec 16
India	1 065	1 004	1 030	1 376	1 242	1 245	1 229	1 216	1 198	1 193	1 155 e		12 953	21 Nov 16
Total D.R.I. (5)	4 107	3 844	4 182	4 783	4 704	4 626	4 481	4 591	4 598	4 504	4 512		48 932	

(1) - steel industry only. (2) - electric pig iron. r - revised e - estimated

(3) - the 39 countries included in this table accounted for approximately 99% of total world blast furnace iron production in 2015.

(4) - HADEED only.

(5) - the 14 countries included in this table accounted for approximately 85% of total world direct reduced iron production in 2015.

Annual totals are based on the monthly data, but may include revised data not available on a monthly basis.

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2015
20 Dec 16

Blast Furnace Iron:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Austria	519	484	508	507	535	437	450	452	441	464	498	511	5 805
Belgium	377	346	404	368	383	350	374	385	317	211	314	417	4 248
Czech Republic	370	318	349	318	378	363	358	346	279	328	310	314	4 031
France	882	879	963	842	980	921	813	814	750	740	796	718	10 097
Germany	2 445	2 195	2 473	2 332	2 450	2 429	2 432	2 292	2 150	2 311	2 186	2 149	27 842
Hungary	96	101	111	103	113	106	109	111	104	108	102	83	1 247
Italy	498	454	394	358	385	326	351	477	499	437	419	453	5 051
Netherlands	506	462	503	519	523	513	518	508	525	527	484	463	6 050
Poland	425	384	415	381	449	426	414	406	418	377	345	381	4 821
Slovakia	352	312	351	334	308	330	348	249	325	350	271	208	3 738
Spain	388	331	377	392	387	368	376	375	365	380	368	343	4 450
United Kingdom	879	765	885	780	874	876	772	737	417	699	491	519	8 774
Other E.U. (28) (e)	632 e	619 e	691 e	677 e	705 e	503 e	506 e	472 e	577 e	669 e	589 e	609 e	7 249
European Union (28)	8 367	7 650	8 424	7 912	8 471	7 945	7 821	7 624	7 167	7 602	7 174	7 169	93 403
Bosnia-Herzegovina	81	73	72	85	82	83	81	74	61	23	65	65	845
Serbia	64	64	80	83	86	82	83	78	75	82	58	69	904
Turkey	753	694	836	888	992	871	882	873	831	820	871	872	10 184
Other Europe	898	832	987	1 056	1 160	1 036	1 047	1 025	967	925	995	1 006	11 933
Kazakhstan	227	203	320	285	318	292	184	273	292	215	305	321	3 235
Russia	4 466	4 059	4 421	4 159	4 528	4 298	4 393	4 596	4 432	4 478	4 316	4 407	52 573
Ukraine	1 720	1 434	1 569	1 706	1 926	1 829	1 839	1 927	2 033	2 065	1 854	1 895	21 797
C.I.S.	6 413	5 696	6 310	6 150	6 772	6 419	6 416	6 796	6 757	6 758	6 475	6 623	77 605
Canada	532	242	522	525	573	567	529	558	456	395	445	507	5 851
Mexico	413	393	453	393	437	380	285	349	402	334	350	387	4 575
United States	2 383	1 983	1 990	1 987	2 176	2 335	2 460	2 328	2 091	1 991	1 784	1 928	25 435
North America	3 328	2 618	2 965	2 904	3 185	3 282	3 275	3 235	2 949	2 720	2 578	2 822	35 862
Argentina	238	218	230	214	242	235	240	246	226	226	196	174	2 685
Brazil (1)	2 482	2 155	2 260	2 362	2 444	2 324	2 357	2 345	2 195	2 434	2 169	2 276	27 803
Chile	57	54	43	49	57	59	54	56	51	52	55	57	644
Colombia	14	1	28	30	30	25	33	14	15	16	16	17	240
Paraguay	2	5	5	6	6	6	6	7	7	7	8	8	73
South America	2 793	2 434	2 567	2 662	2 779	2 649	2 690	2 667	2 494	2 734	2 444	2 533	31 446
South Africa	456	409	445	424	410	353	405	332	284	304	318	323	4 464
Iran	233	216	183	194	216	220	208	160	220	221	190	198 e	2 459

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Blast Furnace Iron:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
China	59 540 e	53 780 e	58 904	59 612	60 771	58 684	56 841	58 098	56 984	56 718	54 349	53 331	691 415
India	4 984	4 625	5 115	4 917	4 991	4 842	4 983	4 905	4 745	4 805	4 702	4 779	58 393
Japan	7 014	6 382	7 145	6 403	6 774	6 548	6 962	6 912	6 637	6 914	6 671	6 649	81 011
South Korea	4 011	3 646	3 918	3 766	3 968	3 953	4 136	4 083	3 932	4 088	3 986	4 152	47 639
Pakistan	27	20	44	32	27	10	2	0	0	0	0	0	163
Taiwan, China	1 308	1 200	1 336	1 215	1 236	1 208	1 278	1 232	1 157	1 147	979	1 074	14 370
Asia	76 884	69 654	76 463	75 945	77 767	75 244	74 201	75 231	73 455	73 672	70 687	69 984	892 990
Australia	313	282	227	296	320	308	320	307	290	315	308	308	3 594
New Zealand (2)	63	55	50	61	61	55	47	55	58	61	57	56	678
Oceania	376	337	277	357	380	362	367	362	348	376	365	364	4 272
Total 39 countries (3)	99 747	89 845	98 620	97 604	101 140	97 511	96 430	97 433	94 641	95 313	91 226	91 022	1 154 434
Direct Reduced Iron:													
Canada	127	119	138	70	136	137	156	147	143	127	106	97	1 502
Mexico	524	489	459	431	461	479	550	579	530	316	336	344	5 499
Trinidad and Tobago	125	129	155	162	171	179	188	197	207	218	229 e	240 e	2 520
Argentina	145	93	63	63	91	78	61	96	89	157	158	157	1 252
Peru	8	8	9	5	9	5	7	4	5	4	3	4	72
Venezuela	129	173	106	101	68	170	177	80	94	43	103	111	1 356
Egypt	260	221	232	213	188	159	225	197	177	153	218	206	2 451
Libya	37	14	16	91	71	42	25 e	14	0 e	22	57	60	449
South Africa	146 e	135 e	128 e	107 e	85 e	83 e	96 e	90 e	63 e	65 e	47 e	81 e	1 125
Iran	1 284	1 449	1 273	986	1 041	1 340	1 255	1 185	1 208	1 210	1 174	1 142 e	14 546
Qatar	233	209	232	213	232	204	237	224	226	202	214	205	2 631
Saudi Arabia (4)	487	413	351	451	474	477	514	512	471	417	178	97	5 800
United Arab Emirates	201	236	259	297	266	270	307	181	331	323	298	219	3 190
India	1 637	1 563	1 603	1 525	1 380	1 473	1 411	1 176	1 173	1 168	1 096	1 024	16 228
Total D.R.I. (5)	5 344	5 251	5 026	4 716	4 672	5 095	5 209	4 682	4 718	4 425	4 218	3 986	58 622

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	MONTHLY IRON PRODUCTION				worldsteel 92		
	thousand tonnes				20 Dec 16		
	November 2016	October 2016	November 2015	% change Nov-16/15	11 months 2016	2015	% change
Blast Furnace Iron:							
Austria	474	478	498	-4.7	5 139	5 294	-2.9
Belgium	369	441	314	17.4	4 445	3 830	16.0
Czech Republic	348	319	310	12.2	3 823	3 717	2.8
France	867	887	796	9.0	8 903	9 379	-5.1
Germany	2 060 e	2 202	2 186	-5.8	25 008	25 693	-2.7
Hungary	82	88	102	-19.6	765	1 164	-34.3
Italy	494	500	419	17.8	5 526	4 598	20.2
Netherlands	508	543	484	4.9	5 632	5 587	0.8
Poland	400 e	411 e	345	16.0	4 217	4 440	-5.0
Slovakia	343	358	271	26.5	3 697	3 530	4.7
Spain	203	214	368	-44.8	3 842	4 107	-6.5
United Kingdom	464	569 r	491	-5.5	5 723	8 176	-30.0
Other E.U. (28) (e)	587 e	623 e	589 e	-0.5	7 011	6 640	5.6
European Union (28)	7 200	7 634	7 174	0.4	83 730	86 156	-2.8
Bosnia-Herzegovina	63	52	65	-4.4	711	781	-8.9
Serbia	119	103	58	105.0	1 019	835	22.0
Turkey	854	858	871	-2.0	9 438	9 312	1.4
Other Europe	1 035	1 013	995	4.1	11 167	10 927	2.2
Kazakhstan	305 e	294	305	0.0	2 992	2 914	2.7
Russia	4 215 e	4 185	4 316	-2.3	47 484	48 146	-1.4
Ukraine	1 885 e	1 937	1 854	1.7	21 755	19 902	9.3
C.I.S.	6 405	6 416	6 475	-1.1	72 231	70 962	1.8
Canada	480 e	497	445	8.0	5 695	5 344	6.6
Mexico	425 e	438	350	21.5	4 095	4 189	-2.2
United States	1 600 e	1 614	1 784	-10.3	20 417	23 507	-13.1
North America	2 505	2 548	2 578	-2.8	30 207	33 040	-8.6
Argentina	175 e	183	196	-10.8	1 981	2 511	-21.1
Brazil (1)	2 085	2 234	2 169	-3.9	22 778	25 527	-10.8
Chile	50 e	55	55	-8.3	618	586	5.3
Colombia	20 e	20	16	22.7	209	223	-6.1
Paraguay	5 e	5	8	-36.4	51	65	-21.8
South America	2 335	2 497	2 444	-4.4	25 636	28 912	-11.3
South Africa	346	352	318	8.8	3 979	4 141	-3.9
Iran	210 e	215 e	190	10.4	2 200	2 261	-2.7

	MONTHLY IRON PRODUCTION thousand tonnes				worldsteel 92 20 Dec 16		
	November	October	November	% change	11 months		
	2016	2016	2015	Nov-16/15	2016	2015	% change
Blast Furnace Iron:							
China	57 230	58 759	54 349	5.3	643 260	640 697	0.4
India	5 320 e	5 494	4 702	13.1	57 501	53 614	7.2
Japan	6 390	6 779	6 671	-4.2	73 627	74 362	-1.0
South Korea	3 840 e	3 963	3 986	-3.7	42 260	43 487	-2.8
Pakistan	0 e	0 e	0	..	0	163	-100.0
Taiwan, China	1 230 e	1 270 e	979	25.7	13 649	13 295	2.7
Asia	74 010	76 265	70 687	4.7	830 297	825 619	0.6
Australia	313	332	308	1.5	3 324	3 286	1.2
New Zealand (2)	59	41	57	2.8	606	622	-2.7
Oceania	372	373	365	1.7	3 930	3 908	0.6
Total 39 countries (3)	94 418	97 313	91 226	3.5	1 063 377	1 065 926	-0.2
Direct Reduced Iron:							
Canada	60 e	58	106	-43.5	1 243	1 406	-11.6
Mexico	420 e	437	336	24.9	4 858	5 155	-5.8
Trinidad and Tobago	0	0	229	-100.0	129	1 960	-93.4
Argentina	95 e	98	158	-39.9	684	1 095	-37.6
Peru	0	0	3	-100.0	11	69	-84.3
Venezuela	60 e	63	103	-41.8	535	1 245	-57.0
Egypt	227	204	218	3.9	2 358	2 245	5.0
Libya	64	30	57	12.3	604	389	55.1
South Africa	63 e	30 e	47 e	32.8	633	1 044	-39.4
Iran	1 430 e	1 480 e	1 174	21.8	14 848	13 405	10.8
Qatar	218	238	214	1.9	2 320	2 426	-4.4
Saudi Arabia (4)	396	310	178	122.9	4 629	4 744	-2.4
United Arab Emirates	325	365	298	9.0	3 128	2 970	5.3
India	1 155 e	1 193	1 096	5.4	12 953	15 205	-14.8
Total D.R.I. (5)	4 512	4 504	4 218	7.0	48 932	53 357	-8.3

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(2) - electric pig iron.

r - revised

e - estimated

(3) - the 39 countries included in this table accounted for approximately 99% of total world blast furnace iron production in 2015.

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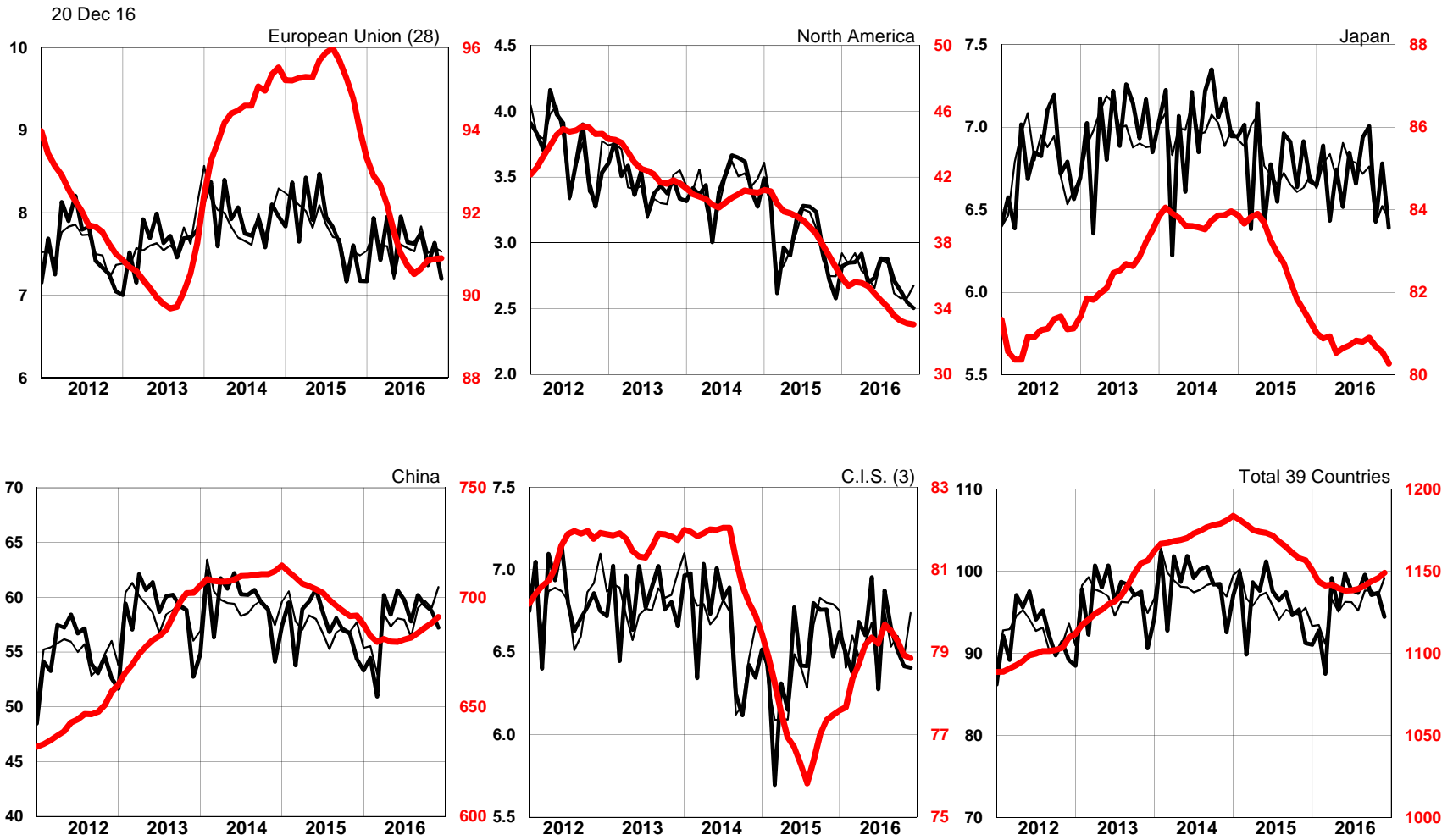
(5) - the 14 countries included in this table accounted for approximately 85% of total world direct reduced iron production in 2015.

Year total figures include revisions not shown in the monthly data.

MONTHLY PIG IRON PRODUCTION

million tonnes

— actual monthly data — deseasonalised monthly data — 12 months running total



MONTHLY PIG IRON PRODUCTION
million tonnes

— actual monthly data — deseasonalised monthly data — 12 months running total

