



INTERNATIONAL
IRON AND
STEEL
INSTITUTE

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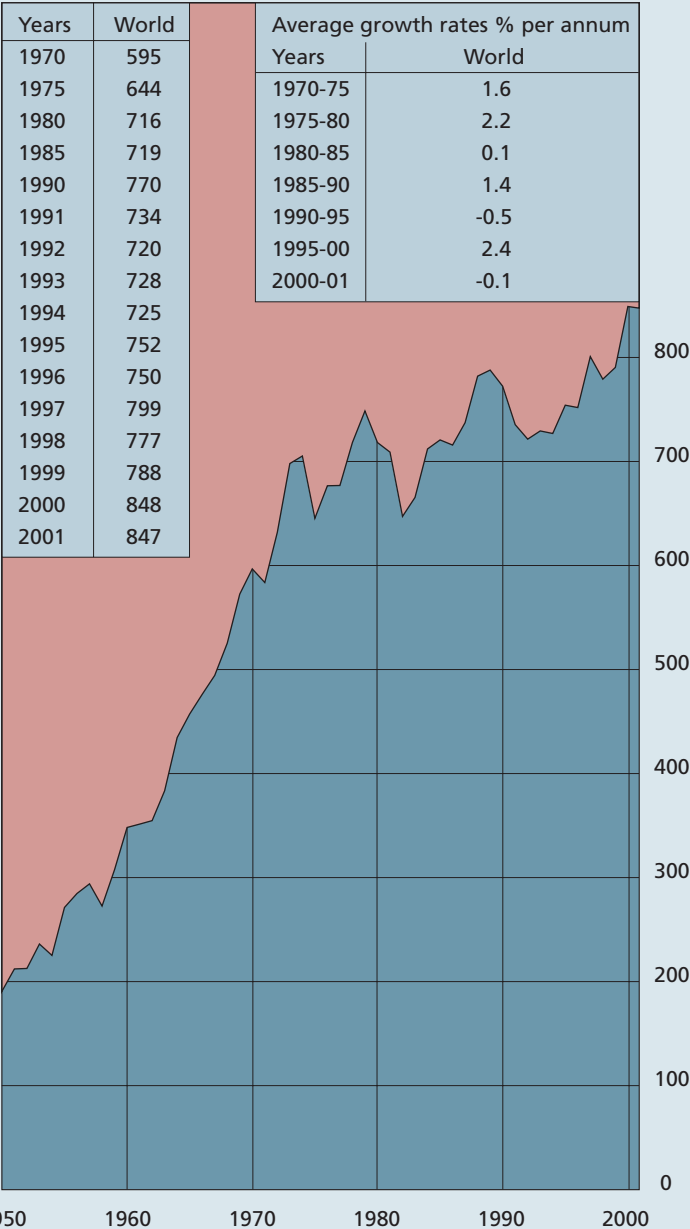
World Steel in Figures

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World crude steel production, 1950 to 2001

million metric tons



The largest steel producing companies, 2000 and 2001

million metric tons crude steel output

2001		2000			2001		2000		
1	43.1	-	-	Arcelor	41	4.7	47	4.3	Azovstal
2	27.8	2	27.7	POSCO	42	4.6	43	4.4	USIMINAS
3	26.2	1	28.4	Nippon Steel	43	4.5	42	4.6	Techint
4	19.2	4	22.4	Ispat International	44	4.5	38	5.1	Stelco
5	19.1	8	17.7	Shanghai Baosteel	45	4.2	51	3.9	Baotou
6	18.1	6	20.0	Corus	46	4.2	46	4.3	Rautaruukki
7	16.2	7	17.7	ThyssenKrupp	47	4.1	49	4.1	Dofasco
8	15.0	10	15.6	Riva	48	4.1	70	2.9	Hualin
9	14.8	9	16.0	NKK	49	4.0	40	4.8	CSN
10	13.3	11	13.0	Kawasaki	50	4.0	44	4.4	Huta Katowice
11	12.8	14	10.7	USX	51	4.0	52	3.9	Zaporozstahl
12	11.7	12	11.6	Sumitomo	52	3.9	63	3.2	Tangshan
13	11.2	16	10.0	Nucor	53	3.8	59	3.4	SSAB
14	10.8	13	10.9	SAIL	54	3.8	54	3.7	Nisshin Steel
15	10.3	15	10.0	Magnitogorsk	55	3.8	55	3.7	Chelyabinsk (Mechel)
16	10.3	17	10.0	China Steel	56	3.8	45	4.4	Lucchini
17	8.8	20	8.8	Anshan	57	3.7	56	3.6	TISCO
18	8.2	22	8.0	Shougang	58	3.6	57	3.6	Panzhihua
19	8.1	18	9.6	Severstal	59	3.6	58	3.6	Kuznetzk
20	8.0	19	9.1	Bethlehem Steel	60	3.4	68	3.0	Hadeed
21	7.9	21	8.2	Novolipetsk	61	3.4	65	3.2	Handan
22	7.2	25	7.1	Gerdau	62	3.3	90	2.3	EZZ
23	7.1	26	6.7	Wuhan	63	3.2	50	3.9	Tokyo Steel
24	6.9	27	6.6	NISCO	64	3.2	67	3.0	Jinan
25	6.9	29	6.1	Krivorozstal	65	3.2	62	3.3	SIDOR
26	6.7	28	6.4	Kobe Steel	66	3.0	61	3.4	AHMSA
27	6.6	30	6.0	INlsteel	67	3.0	84	2.4	Erdemir
28	6.5	34	5.5	ISCOR	68	3.0	72	2.8	RINL
29	6.0	23	7.5	BHP Steel	69	2.9	69	2.9	Alchevsk
30	5.9	24	7.4	LTV	70	2.8	83	2.4	Taiyuan
31	5.8	33	5.5	Mariupol (Ilyich)	71	2.8	64	3.2	North Star
32	5.6	35	5.3	Zapsib	72	2.8	77	2.6	Celsa
33	5.4	32	5.6	National Steel	73	2.7	82	2.4	Anyang
34	5.3	36	5.2	voestalpine	74	2.7	60	3.4	Sidex
35	5.2	39	4.9	Nizhny Tagil	75	2.6	85	2.4	Dongkuk
36	5.2	31	5.8	AK Steel	76	2.6	76	2.7	Rouge Steel
37	5.1	37	5.1	Salzgitter	77	2.5	81	2.5	Nová Hut Kuncice
38	4.9	48	4.2	Benxi	78	2.5	75	2.7	Saarstahl
39	4.8	41	4.8	CST	79	2.5	73	2.7	COSIPA
40	4.8	53	3.7	Maanshan	80	2.4	91	2.1	Laiwu

The major steel-producing countries, 2000 and 2001

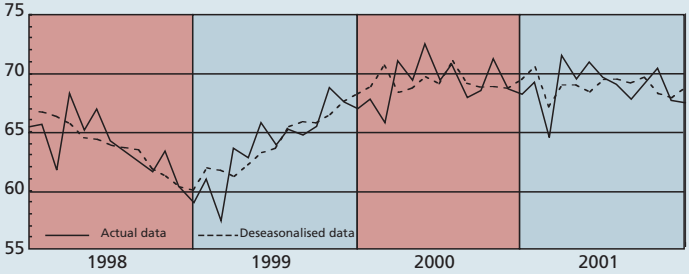
million metric tons crude steel production

Country	2001		2000	
	Rank	Tonnage	Rank	Tonnage
China	1	148.9	1	127.2
Japan	2	102.9	2	106.4
United States	3	90.1	3	101.8
Russia	4	59.0	4	59.1
FR Germany	5	44.8	5	46.4
South Korea	6	43.9	6	43.1
Ukraine	7	33.1	7	31.8
India	8	27.3	9	26.9
Brazil	9	26.7	8	27.9
Italy	10	26.7	10	26.8
France	11	19.3	11	21.0
Taiwan, China	12	17.2	12	16.8
Spain	13	16.5	14	15.9
Canada	14	15.3	13	16.6
Turkey	15	15.0	17	14.3
United Kingdom	16	13.7	16	15.2
Mexico	17	13.3	15	15.6
Belgium	18	10.8	18	11.6
South Africa	19	8.8	20	8.5
Poland	20	8.8	19	10.5
Australia	21	7.0	21	7.1
Iran	22	6.9	22	6.6
Czech Republic	23	6.3	23	6.2
Netherlands	24	6.0	25	5.7
Austria	25	5.9	24	5.7
Sweden	26	5.5	26	5.2
Romania	27	4.9	27	4.8
Kazakhstan	28	4.7	28	4.8
Argentina	29	4.1	29	4.5
Slovakia	30	4.0	32	3.7
Finland	31	3.9	30	4.1
Venezuela	32	3.8	31	3.8
Egypt	33	3.8	36	2.8
Saudi Arabia	34	3.4	34	3.0
Indonesia (E)	35	3.0	35	2.8
Luxembourg	36	2.7	37	2.6
Others		28.8		30.8
World		847.0		847.6

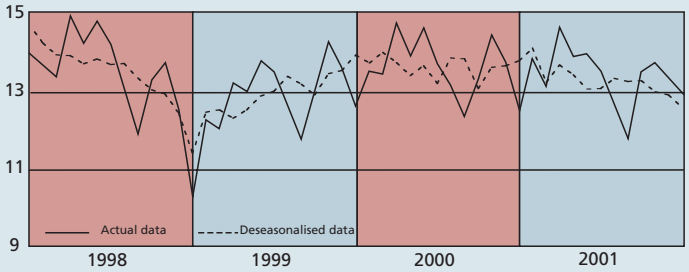
Monthly crude steel production 1998 to 2001

million metric tons

Total 64 reporting countries



European Union (15)



The 64 Reporting Countries

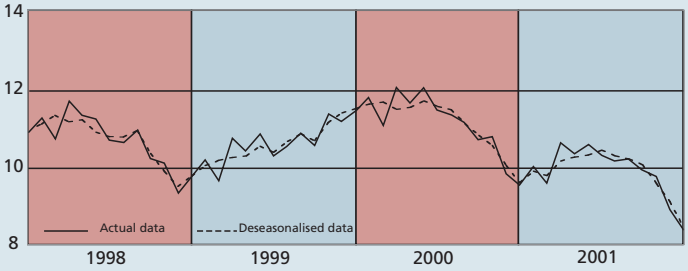
Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Byelorussia, Canada, Chile, China, Colombia, Croatia, Cuba, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, El Salvador, Finland, France, FR Germany, Greece, Guatemala, Hungary, India, Iran, Ireland, Italy, Japan, Kazakhstan, Libya, Luxembourg, Mexico, Moldova, Netherlands, New Zealand, Norway, Paraguay, Peru, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovak Republic, Slovenia, South Africa, South Korea, Spain, Sweden, Taiwan, China, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Kingdom, United States, Uruguay, Uzbekistan, Venezuela, FR Yugoslavia, and Zimbabwe.

In 2001 these 64 countries accounted for approximately 98% of world crude steel production.

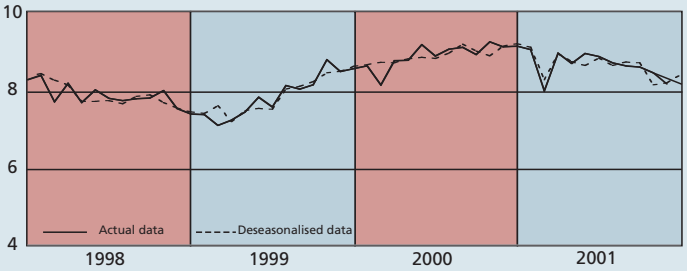
Monthly crude steel production 1998 to 2001

million metric tons

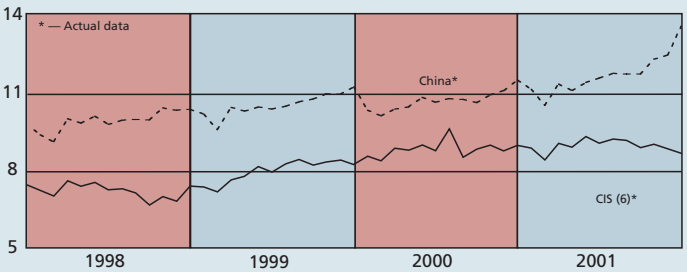
NAFTA



Japan



CIS (6) and China



Crude Steel Production by Process, 2001

	Production million metric tons	Oxygen %	Electric %	Open Hearth %	Other %	Total %
Austria	5.9	90.7	9.3	-	-	100.0
Belgium	10.8	74.5	25.5	-	-	100.0
Finland	3.9	78.2	21.8	-	-	100.0
France	19.3	57.4	42.6	-	-	100.0
FR Germany	44.8	70.7	29.3	-	-	100.0
Italy	26.7	38.1	61.9	-	-	100.0
Luxembourg	2.7	-	100.0	-	-	100.0
Netherlands	6.0	97.8	2.2	-	-	100.0
Spain	16.5	25.6	74.4	-	-	100.0
Sweden	5.5	66.1	33.9	-	-	100.0
United Kingdom	13.7	75.9	24.1	-	-	100.0
Other EU	2.9	2.1	97.9	-	-	100.0
European Union (15)	158.9	58.9	41.1	-	-	100.0
Czech Republic	6.3	90.5	9.1	0.5	-	100.0
Hungary	2.0	87.5	12.5	-	-	100.0
Poland	8.8	66.1	31.9	2.0	-	100.0
Romania	4.9	72.2	27.8	-	-	100.0
Slovakia	4.0	92.2	7.8	-	-	100.0
Turkey	15.0	35.2	64.8	-	-	100.0
Others	4.8	39.5	60.4	-	0.1	100.0
Other Europe	45.8	60.4	39.2	0.4	0.0	100.0
Russia	59.0	58.7	15.0	26.3	-	100.0
Ukraine	33.1	49.0	2.8	48.2	-	100.0
Other former USSR	8.0	57.9	34.7	7.4	-	100.0
former USSR	100.1	55.4	12.5	32.1	-	100.0
Canada	15.3	58.5	41.5	-	-	100.0
Mexico	13.3	35.9	64.1	-	-	100.0
United States	90.1	52.6	47.4	-	-	100.0
NAFTA	118.7	51.5	48.5	-	-	100.0
Argentina	4.1	49.4	50.6	-	-	100.0
Brazil	26.7	78.0	20.2	-	1.8	100.0
Chile	1.2	80.3	19.7	-	-	100.0
Venezuela	3.8	-	100.0	-	-	100.0
Others	2.5	26.5	73.5	-	-	100.0
Central and South America	38.4	63.9	34.9	-	1.3	100.0
Egypt	3.8	28.9	71.1	-	-	100.0
South Africa	8.8	55.6	44.4	-	-	100.0
Other Africa	2.4	53.0	47.0	-	-	100.0
Africa	15.0	48.5	51.5	-	-	100.0
Iran	6.9	31.3	68.7	-	-	100.0
Saudi Arabia	3.4	-	100.0	-	-	100.0
Other Middle East	1.2	-	100.0	-	-	100.0
Middle East	11.5	18.8	81.2	-	-	100.0
China	148.9	57.7	24.2	1.2	16.9	100.0
India	27.3	50.2	42.5	7.3	-	100.0
Japan	102.9	72.4	27.6	-	-	100.0
South Korea	43.9	56.4	43.6	-	-	100.0
Taiwan, China	17.2	59.0	41.0	-	-	100.0
Other Asia	8.9	-	100.0	-	-	100.0
Asia	349.0	59.9	31.8	1.1	7.2	100.0
Australia	7.0	84.6	15.4	-	-	100.0
New Zealand	0.8	72.7	27.3	-	-	100.0
World	845.3	57.7	35.0	4.3	3.0	100.0

Continuously-Cast Steel Output, 1999 to 2001

	Million metric tons			% crude steel output		
	1999	2000	2001	1999	2000	2001
Austria	5.0	5.5	5.7	96.5	96.2	96.4
Belgium	10.9	11.6	10.7	99.8	99.8	99.8
Finland	3.9	4.1	3.9	99.5	99.5	99.4
France	19.3	19.9	18.3	95.4	95.0	94.7
FR Germany	40.5	44.7	43.0	96.3	96.3	96.0
Italy	23.9	25.8	25.6	95.9	96.3	96.1
Luxembourg	2.5	2.5	2.6	97.1	97.5	97.2
Netherlands	5.9	5.5	5.9	97.9	97.2	97.8
Spain	14.4	15.3	15.9	96.6	96.5	96.5
Sweden	4.5	4.6	4.9	88.1	87.2	89.1
United Kingdom	15.6	14.5	13.2	95.9	95.5	96.3
Other EU	3.0	3.3	2.9	99.0	99.0	98.9
European Union (15)	149.5	157.2	152.8	96.3	96.2	96.2
Czech Republic	3.8	5.4	5.5	67.9	87.1	87.1
Hungary	1.8	1.9	2.0	99.9	100.0	100.0
Poland	6.3	7.6	6.4	71.0	72.4	72.4
Romania	2.6	3.1	3.2	59.9	65.3	65.5
Slovak Republic	3.5	3.7	4.0	99.0	99.3	99.4
Turkey	14.0	14.1	15.0	98.0	98.7	99.9
Others	2.5	3.3	3.1	60.5	65.4	64.1
Other Europe	34.5	39.2	39.1	81.1	84.3	85.3
Russia	25.7	29.4	30.0	49.8	49.7	50.9
Ukraine	5.4	6.2	6.6	19.5	19.6	19.8
Other former USSR	2.9	3.3	3.4	41.1	40.6	41.7
former USSR	34.0	38.9	39.9	39.4	39.3	39.9
Canada	15.9	16.2	14.9	97.6	97.8	97.6
Mexico	14.2	14.6	12.5	92.6	93.5	93.9
United States	93.4	98.1	87.3	95.9	96.4	96.9
NAFTA	123.4	128.9	114.7	95.7	96.2	96.7
Argentina	3.7	4.4	4.0	97.8	98.0	98.0
Brazil	22.0	25.1	24.5	88.2	90.2	91.6
Venezuela	3.3	3.8	3.8	100.0	100.0	100.0
Other Latin America	2.6	3.0	2.8	72.4	75.1	74.8
Central and South America	31.6	36.4	35.1	88.7	90.5	91.5
Egypt	2.5	2.8	3.7	95.2	96.9	97.4
South Africa	7.7	8.3	8.7	97.9	98.2	98.2
Other Africa	1.3	1.5	1.2	92.5	94.9	96.0
Africa	11.5	12.5	13.5	96.6	97.5	97.8
Iran	6.1	6.6	6.9	100.0	100.0	100.0
Saudi Arabia	2.6	3.0	3.4	100.0	100.0	100.0
Other Middle East	0.9	1.0	1.2	100.0	100.0	100.0
Middle East	9.6	10.6	11.5	100.0	100.0	100.0
China	95.9	106.1	130.0	77.4	83.4	87.3
India	13.3	16.4	17.3	54.6	60.9	63.3
Japan	91.5	103.6	100.1	97.2	97.3	97.3
South Korea	40.5	42.5	43.2	98.7	98.6	98.5
Taiwan, China	15.3	16.8	17.1	99.4	99.8	99.5
Other Asia	7.7	9.6	8.3	99.0	100.0	100.0
Asia	264.3	295.0	316.0	86.2	89.3	90.7
Australia	8.1	7.1	7.0	98.6	99.6	99.5
New Zealand	0.8	0.8	0.8	100.0	108.9	100.0
World	667.3	726.6	730.5	84.9	86.0	86.6

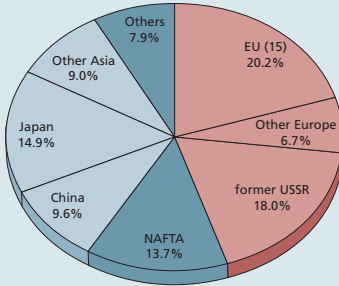
Steel production and consumption: geographical distribution, 1991

World Total: 771 million metric tons crude steel

Production

Others comprise:

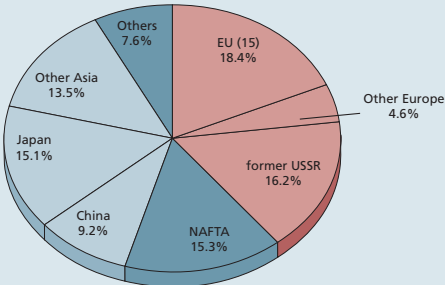
Africa	1.7%	Central and South America	4.4%
Middle East	0.5%	Australia and New Zealand	0.9%



Consumption (crude steel equivalent)

Others comprise:

Africa	2.0%	Central and South America	3.0%
Middle East	1.6%	Australia and New Zealand	0.9%



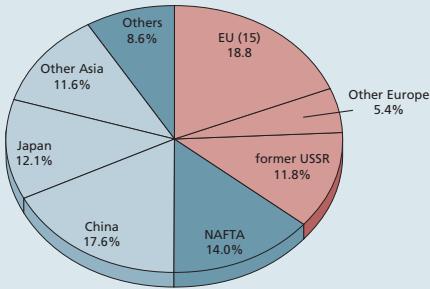
Steel production and consumption: geographical distribution, 2001

World Total: 845 million metric tons crude steel

Production

Others comprise:

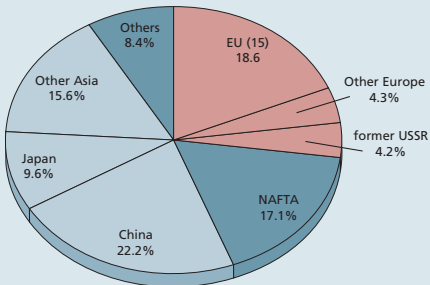
Africa	1.5%	Central and South America	4.5%
Middle East	1.2%	Australia and New Zealand	1.1%



Consumption (crude steel equivalent)

Others comprise:


Africa	2.0%	Central and South America	3.5%
Middle East	2.0%	Australia and New Zealand	0.9%



World steel trade by area, 2000

million metric tons

Exporting Region \ Destination	European Union (15)	Other Europe	former USSR	North America	Latin America	Africa & Middle East	China	Japan	Other Asia	Oceania	Total Imports	of which: extra-regional imports*
European Union (15)	83.7	12.9	6.8	0.4	2.5	1.8	0.6	0.5	2.0	0.2	111.5	27.8
Other Europe	8.7	6.6	8.0	0.0	0.2	0.0	0.2	0.2	0.0	0.0	24.1	17.6
former USSR	0.8	0.1	6.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	7.7	1.0
North America	7.7	2.3	4.7	8.7	9.5	0.8	1.7	2.6	5.1	0.6	43.6	34.9
Latin America	1.3	0.6	2.0	1.7	3.0	0.3	0.1	1.3	0.6	0.1	11.0	8.0
Africa	2.2	0.8	4.2	0.0	0.2	0.8	0.1	0.4	0.1	0.0	8.9	8.0
Middle East	1.9	1.8	6.0	0.0	0.1	0.9	0.1	1.1	0.7	0.0	12.7	11.8
China	0.6	0.2	9.4	0.0	0.2	0.4	-	4.0	5.8	0.2	20.8	20.8
Japan	0.1	0.0	0.1	0.0	0.0	0.0	0.4	-	4.3	0.1	5.1	5.1
Other Asia	2.5	1.3	12.1	0.3	2.6	2.2	7.5	17.9	10.2	1.0	57.6	47.4
Oceania	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.5	0.2	1.6	1.4
Total Exports	109.8	26.7	60.1	11.3	18.3	7.3	10.8	28.5	29.3	2.4	304.6	183.7
of which: extra-regional exports*	26.1	20.2	53.4	2.5	15.3	5.6	10.8	28.5	19.1	2.2	183.7	
Net Exports (exports-imports)	-1.7	2.6	52.4	-32.4	7.3	-14.3	-9.9	23.4	-28.3	0.8		

* - excluding intra-regional trade marked 

The major importers and exporters of steel, 2000

million metric tons

Rank	Total Exports		Rank	Total Imports	
1	Japan	28.5	1	United States	34.8
2	Russia	27.5	2	China	20.8
3	Germany	24.6	3	Germany	20.4
4	Ukraine	22.3	4	France	17.1
5	Belgium-Luxembourg	21.8	5	Italy	16.7
6	France	17.5	6	Taiwan, China	13.0
7	South Korea	13.9	7	Belgium-Luxembourg	12.9
8	Italy	11.8	8	South Korea	11.4
9	China	10.8	9	Spain	9.4
10	Brazil	9.6	10	Canada	8.8
11	Taiwan, China	8.3	11	Hong Kong	8.1
12	United Kingdom	7.8	12	United Kingdom	7.7
13	Turkey	7.5	13	Turkey	7.2
14	Netherlands	6.4	14	Thailand	5.9
15	United States	6.2	15	Netherlands	5.9
16	Spain	6.2	16	Japan	5.1
17	Canada	5.1	17	Malaysia	4.2
18	Mexico	4.8	18	Mexico	4.0
19	Austria	4.5	19	Iran	3.9
20	South Africa	4.1	20	Sweden	3.3

Rank	Net Exports (exports-imports)		Rank	Net Imports (imports-exports)	
1	Russia	24.6	1	United States	28.6
2	Japan	23.4	2	China	9.9
3	Ukraine	22.0	3	Hong Kong	8.1
4	Belgium-Luxembourg	8.9	4	Thailand	5.9
5	Brazil	8.7	5	Italy	4.9
6	Germany	4.1	6	Taiwan, China	4.7
7	South Africa	3.8	7	Canada	3.8
8	Kazakhstan	3.6	8	Iran	3.4
9	South Korea	2.4	9	Spain	3.2
10	Slovak Republic	2.4	10	Singapore	3.1
11	Romania	2.0	11	Indonesia	2.9
12	Austria	2.0	12	Egypt	2.4
13	Poland	2.0	13	Greece	2.3
14	Czech Republic	1.4	14	Portugal	2.0
15	Finland	0.9	15	Philippines	2.0

World steel exports, analysis by product 1996 to 2000

million metric tons

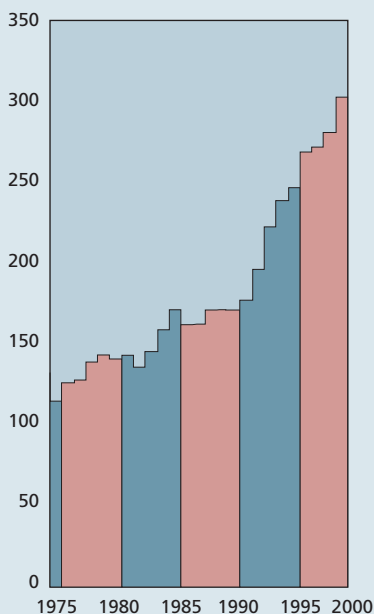
Product	1996	1997	1998	1999	2000
Ingots and semi-finished material	37.8	41.6	35.0	44.7	47.9
Railway track material	2.0	2.5	2.8	2.7	2.1
Angles, shapes and sections	15.0	17.2	15.3	14.8	17.1
Concrete re-inforcing bars	11.2	10.2	10.4	11.0	11.1
Bars and rods, hot-rolled	8.6	9.7	10.2	8.7	9.0
Wire rod	15.5	15.5	14.5	15.5	16.8
Drawn wire	3.8	3.7	4.2	4.4	4.2
Other bars and rods	2.4	2.7	3.2	3.1	3.6
Hot-rolled strip	2.0	2.6	2.6	2.7	3.1
Cold-rolled strip	2.4	2.8	2.9	3.0	3.5
Hot-rolled sheets and coils	36.5	39.5	43.0	44.7	48.0
Plates	13.9	15.4	16.7	15.4	16.8
Cold-rolled sheets and coils	21.8	22.9	24.9	25.5	27.8
Electrical sheet and strip	1.9	1.9	2.0	2.1	2.6
Tinmill products	5.2	5.5	5.6	5.8	6.2
Galvanised sheet	13.6	15.1	17.9	19.1	21.6
Other coated sheet	4.0	4.6	5.5	5.4	6.3
Steel tubes and fittings	18.4	21.7	21.8	18.8	21.5
Wheels (forged and rolled) and axles	0.3	0.3	0.3	0.6	0.3
Castings	0.4	0.4	0.4	0.4	0.5
Forgings	0.4	0.4	0.4	0.4	1.5
Other	0.0	0.0	0.0	0.0	0.0
Total	217.1	236.2	239.7	248.9	271.5

Exports in World Steel in Figures include intra-EU trade and trade between countries of the former CMEA, and are based on a broad definition of the steel industry and its products, including ingots, semi-finished products, hot-rolled and cold-finished products, tubes, wire, and unworked castings and forgings. In a change to previous editions of World Steel in Figures, the above data comprise the exports of 37 countries*, which represents more than 88 per cent of total world trade in 2000.

*- revised from 42 countries.

World trade in steel products, 1975 to 2000

million metric tons finished steel

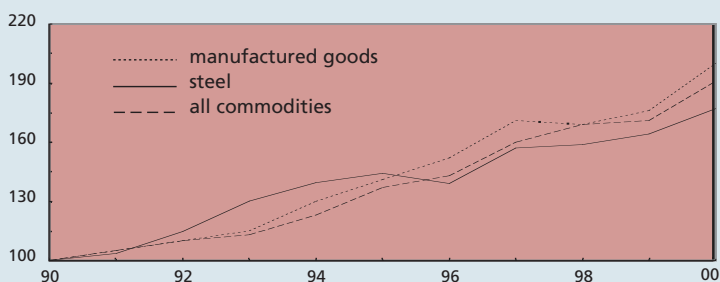


Year	Exports	Production	Exports %
1975	114.7	506.9	22.6
1976	126.1	533.7	23.6
1977	127.9	536.5	23.8
1978	138.6	571.7	24.2
1979	143.1	598.7	23.9
1980	140.6	578.7	24.3
1981	142.8	574.3	24.9
1982	135.5	528.7	25.6
1983	145.3	546.5	26.6
1984	158.8	588.4	27.0
1985	171.0	599.0	28.5
1986	161.7	597.4	27.1
1987	162.3	615.5	26.4
1988	171.1	656.8	26.1
1989	171.2	664.4	25.8
1990	171.0	654.0	26.2
1991	177.1	626.4	28.3
1992	196.1	616.8	31.8
1993	222.5	627.4	35.5
1994	238.6	628.7	37.9
1995	246.7	578.7	42.6
1996	237.8	656.3	36.2
1997	268.7	701.4	38.3
1998	271.6	685.0	39.7
1999	280.8	696.3	40.3
2000	302.7	747.9	40.5

Exports are of finished and semi-finished steel products. Production of finished steel, where not available from national sources, is calculated from crude steel production, taking into account the continuous casting ratio.

World volume of trade 1990 to 2000

Quantum indices 1990 = 100



Iron ore, 2000

million metric tons actual weight

	Fe Content (1)	Production	- Exports	+ Imports =	Apparent Consumption
Austria	(32)	1.9	0.0	5.5	7.3
Belgium-Luxembourg	..	0.0	0.0	11.8	11.8
France	(33)	0.0	0.0	19.4	19.4
FR Germany	(28)	0.0	0.0	44.3	44.2
Italy	..	0.0	0.0	17.6	17.6
Netherlands	..	0.0	0.2	7.3	7.1
Spain	(48)	0.0	0.0	6.5	6.4
Sweden	(63)	20.6	16.3	0.3	4.5
United Kingdom	(27)	0.0	0.0	16.8	16.8
Other EU	..	0.0	0.0	6.7	6.6
European Union (15)		22.4	16.6	136.0	141.7
former CSFR		0.5	0.1	11.5	11.9
Norway	(65)	0.6	0.5	0.1	0.1
Poland		0.0	0.0	9.5	9.5
Other Europe	..	4.8	0.0	14.2	18.9
Europe		28.2	17.3	171.2	182.2
former USSR	(60)	157.5	43.8	16.6	130.3
Canada	(63)	35.9	26.3	6.6	16.2
Mexico	(65)	18.3	0.0	3.1	21.4
United States	(60)	63.0	6.1	16.0	72.8
NAFTA		117.2	32.5	25.7	110.4
Brazil	(66)	200.4	155.9	0.0	44.5
Chile	(61)	8.0	6.4	0.0	1.6
Peru	(60)	4.1	3.5	0.0	0.6
Venezuela	(64)	17.4	6.9	0.0	10.54
Other America	..	0.7	0.0	8.6	9.3
Central and South America		230.6	172.7	8.6	66.5
Liberia	(68)	0.0	0.0	0.0	0.0
Mauritania	(65)	11.1	11.1	0.0	0.0
South Africa	(65)	30.0	21.4	0.5	9.1
Other Africa	..	5.0	0.0	6.2	11.1
Africa		46.0	32.5	6.7	20.2
Middle East		0.8	3.0	12.9	10.7
China	(28)	224.0	0.0	69.5	293.5
India	(61)	73.5	34.6	0.4	39.2
Japan	(57)	0.0	0.0	131.6	131.6
South Korea	..	0.3	0.0	32.7	33.1
Other Asia	..	1.9	5.8	23.3	19.3
Asia		299.6	40.5	257.5	516.7
Australia	(65)	167.9	159.0	4.4	13.3
New Zealand and Other Oceania	..	2.8	2.5	0.0	0.4
World		1,050.6	503.8	503.8	1,050.6


(1) of domestic production: percentage Fe of total weight.

World iron ore trade by area,

2000

million metric tons actual weight

Exporting Region / Destination	European Union (15)	Other Europe	former USSR	NAFTA	Central and South America	Africa & Middle East	Asia	Oceania	Total Imports	of which: extra-regional imports*
European Union (15)	11.5	0.5	4.2	14.7	65.8	17.5	1.1	20.7	136.0	124.5
Other Europe	1.0	0.1	22.8	0.3	7.2	1.4	0.6	1.7	35.2	35.1
former USSR	0.0	-	16.6	-	-	-	-	-	16.6	0.0
NAFTA	0.2	-	-	14.1	10.3	0.2	-	0.9	25.7	11.6
Central and South America	0.0	-	-	0.0	8.5	-	-	0.1	8.6	0.1
Africa and Middle East	3.6	-	-	-	12.0	2.4	1.3	0.2	19.6	17.2
China	-	-	0.2	0.7	17.3	7.3	11.0	33.3	69.5	58.5
Japan	0.0	-	-	0.8	32.6	5.7	20.8	71.6	131.6	110.8
Other Asia	0.3	-	-	1.1	18.8	1.0	4.1	31.2	56.4	52.3
Oceania	0.0	-	-	0.7	0.3	-	1.5	1.9	4.5	2.6
Total Exports	16.6	0.6	43.8	32.5	172.7	35.5	40.5	161.5	503.8	412.7
of which: extra-regional exports*	5.1	0.5	27.2	18.4	164.2	33.1	4.6	159.7	412.7	
Net Exports (exports-imports)	-119.3	-34.6	27.2	6.7	164.1	15.9	-16.0	157.1		

* - excluding intra-regional trade marked 

Scrap: consumption, trade, and apparent domestic supply, 2000

million metric tons

	Consumption	- Imports	+ Exports	Apparent = Domestic Supply
Austria	2.0	0.7	0.8	2.0
Belgium-Luxembourg	7.0	5.8	2.1	3.3
Finland	1.4	0.5	0.4	1.4
France	10.7	3.2	4.5	12.0
FR Germany	19.4	3.5	6.9	22.8
Italy	19.0	4.1	0.2	15.1
Netherlands	1.2	1.5	3.2	3.0
Spain	13.1	6.1	0.1	7.1
Sweden	2.8	0.5	0.5	2.8
United Kingdom	5.6	0.2	4.4	9.8
Other EU	3.3	0.9	0.7	3.1
European Union (15)	85.4	26.8	23.7	82.3
Bulgaria	1.1	0.1	0.4	1.4
Czech Republic	2.2	0.2	1.0	3.0
Hungary	0.8	0.0	0.6	1.3
Poland	5.3	0.2	0.8	5.9
Romania	2.6	0.0	2.3	4.9
Slovak Republic	1.4	0.2	0.3	1.4
Turkey	12.4	7.4	0.0	5.0
Others	2.7	0.9	0.9	2.7
Other Europe	28.3	9.1	6.3	25.5
former U.S.S.R.	42.5	2.0	16.0	56.6
Canada	8.7	1.3	1.9	9.3
Mexico	7.5	2.0	0.2	5.8
United States	58.4	3.4	5.8	60.8
NAFTA	74.6	6.6	7.9	75.8
Argentina	1.5	0.0	0.0	1.5
Brazil	7.4	0.0	0.0	7.4
Venezuela	1.3	-	-	1.3
Other Central and South America	0.4	0.0	0.0	0.5
Central and South America	12.5	0.0	0.0	12.5
South Africa	1.7	0.1	0.5	2.1
China	28.8	5.1	0.0	23.7
Japan	43.8	0.3	2.9	46.4
South Korea	23.4	6.9	0.0	16.5
Taiwan, China	8.9	2.0	0.1	7.1
Other Asia	14.5	4.8	0.9	10.6
Asia	119.4	19.0	4.0	104.5
Australia	2.4	0.0	0.8	3.2
World	366.9	63.6	59.1	362.4

Pig iron, 2000 and 2001

million metric tons

	Production 2001	Production 2000	- Exports 2000	+ Imports 2000	Apparent = Consumption 2000
Austria	4.4	4.3	0.0	0.0	4.3
Belgium-Luxembourg	7.7	8.5	0.2	0.3	8.6
Finland	2.9	3.0	0.0	0.0	3.0
France	12.3	13.9	0.0	0.3	14.2
FR Germany	29.2	30.8	0.1	0.3	31.0
Italy	10.6	11.2	0.0	1.1	12.3
Netherlands	5.3	5.0	0.1	0.1	5.0
Portugal	0.1	0.4	0.0	0.0	0.4
Spain	4.2	4.1	0.0	0.4	4.4
Sweden	3.6	3.1	0.0	0.1	3.2
United Kingdom	9.9	10.9	0.0	0.1	11.0
European Union (15)	90.2	95.2	0.4	3.0	97.7
Bulgaria	1.2	1.2	-	-	1.2
Czech Republic	4.7	4.6	-	-	4.6
Hungary	1.2	1.3	-	-	1.3
Poland	5.4	6.5	-	-	6.5
Romania	3.1	3.0	-	-	3.0
Slovak Republic	3.3	3.2	0.0	0.0	3.1
Turkey	5.3	5.3	-	-	5.3
Others	0.6	0.7	0.0	0.1	0.8
Other Europe	24.7	25.9	0.0	0.1	25.9
Kazakhstan	3.9	4.0	-	-	4.0
Russia	44.9	44.5	3.6	0.0	41.0
Ukraine	26.4	25.7	-	-	25.7
Other former USSR	-	-	-	-	0.0
former USSR	75.2	74.2	3.6	0.0	70.7
Canada	8.3	8.9	0.1	0.1	8.9
Mexico	4.4	4.9	0.1	1.4	6.1
United States	42.1	47.9	0.1	5.0	52.8
NAFTA	54.8	61.6	0.3	6.4	67.8
Argentina	1.9	2.2	0.1	0.0	2.0
Brazil	27.4	27.7	3.8	-	23.9
Chile	0.9	1.0	-	-	1.0
Venezuela	-	-	-	-	0.0
Other Latin America	0.7	0.7	-	-	0.7
Central and South America	30.9	31.6	4.0	0.0	27.7
Egypt	1.4	1.4	-	-	1.4
South Africa	5.8	6.3	1.0	0.0	5.3
Other Africa	1.6	1.6	-	-	1.6
Africa	8.8	9.3	1.0	0.0	8.3
Iran	2.2	2.2	-	-	2.2
China	145.4	131.0	3.3	-	127.7
India	21.9	21.3	0.3	0.0	21.1
Japan	78.8	81.1	0.2	0.9	81.7
South Korea	25.9	24.9	0.0	2.3	27.2
Taiwan, China	10.0	9.6	0.0	0.8	10.5
Other Asia	1.3	1.3	0.0	0.8	2.1
Asia	283.3	269.3	3.9	4.8	270.2
Australia	6.0	7.0	0.0	0.0	7.1
New Zealand	0.6	0.6	-	-	0.6
World	576.8	577.0	13.1	14.3	578.2

Direct reduced iron production, 1996 - 2001

million metric tons

	1996	1997	1998	1999	2000	2001
FR Germany	0.37	0.47	0.45	0.40	0.46	0.21
Sweden	0.13	0.13	0.12	0.12	0.13	0.11
European Union (15)	0.50	0.60	0.57	0.52	0.59	0.32
Russia	1.51	1.73	1.73	1.88	1.92	2.51
Canada	1.42	1.39	1.24	0.92	1.13	-
Mexico	3.79	4.44	5.58	6.07	5.59	3.67
United States	0.45	0.51	1.60	1.67	1.56	0.12
NAFTA	5.66	6.34	8.43	8.66	8.27	3.79
Argentina	1.42	1.50	1.54	0.99	1.42	1.28
Brazil	0.34	0.32	0.34	0.40	0.41	0.34
Peru	0.02	0.07	0.06	0.05	0.08	0.06
Trinidad and Tobago	1.01	1.14	1.02	1.38	1.52	2.20
Venezuela	5.73	5.61	5.42	5.07	6.41	5.47
Central and South America	8.52	8.64	8.38	7.88	9.85	9.35
Egypt	0.83	1.19	1.61	1.67	2.11	2.37
Libya	0.86	1.01	1.00	1.30	1.49	1.06
Nigeria	0.01	-	-	-	-	-
South Africa	0.90	1.12	1.07	1.26	1.53	1.56
Africa	2.60	3.31	3.68	4.23	5.12	4.99
Iran	3.78	4.33	3.51	4.03	4.54	5.00
Qatar	0.63	0.56	0.71	0.67	0.62	0.73
Saudi Arabia	2.30	2.11	2.27	2.34	3.06	2.88
Middle East	6.71	7.00	6.48	7.04	8.22	8.61
China	-	0.07	0.08	0.11	0.05	0.03
India	4.79	5.12	5.12	5.29	5.50	5.72
Indonesia	1.72	1.53	1.57	1.74	1.74	1.48
Malaysia	1.17	1.49	0.88	0.95	1.24	1.12
Myanmar	0.04	0.04	0.04	0.03	0.04	0.04
Asia	7.72	8.25	7.69	8.12	8.56	8.39
Australia	-	-	-	0.32	0.33	1.37
World	33.21	35.87	36.96	38.65	42.86	39.33

Employment in the steel industry 1975 - 2001

thousand at end of year

	1975	1980	1985	1990	1995	2000	2001
Austria	42	39	34	21	13	12	11
Belgium	58	45	35	26	24	20	21
Denmark	3	2	2	1	1	1	1
Finland	14	15	10	10	7	9	9
France	156	105	76	46	39	37	37
FR Germany (1)	213	197	151	125	93	77	77
Greece	0	4	4	3	3	2	2
Ireland	0	1	1	1	0	0	0
Italy	96	100	67	56	42	39	38
Luxembourg	21	15	13	9	6	4	4
Netherlands	25	21	19	17	13	12	11
Portugal	5	7	6	4	3	2	1
Spain	91	81	54	36	25	22	23
Sweden	51	48	31	26	15	13	13
United Kingdom	184	112	59	51	38	27	23
European Union	958	792	561	434	321	277	270
Yugoslavia (2)	74	0	56	69	17	15	15 E
Canada	54	61	69	53	54	56	55 E
United States	457	399	238	204	171	151	141
Brazil	124	132	133	115	78	65	65
South Africa	71	70	65	54	39	24	20
Japan	447	380	349	305	252	197	195 E
South Korea	n/a	0	0	67	67	57	55 E
Australia	38	0	30	30	22	21	20 E
Total of above	2 223	1 834	1 500	1 331	1 022	863	836

(1) - includes former German Democratic Republic 1996-2001.

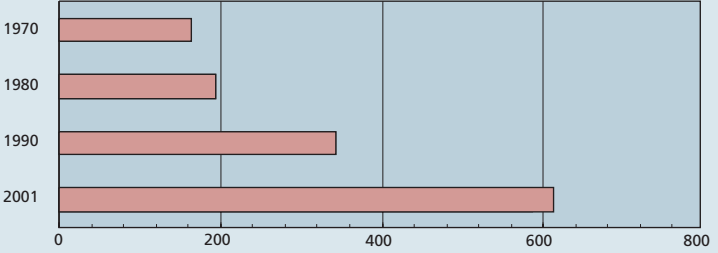
(2) - Serbia and Montenegro 1996-2001

Totals are rounded. United States figures are averages for 12 months. Various other differences in coverage and definition exist, so that inter-country comparisons are of dubious value.

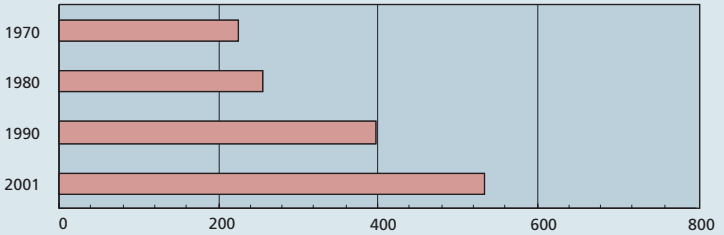
Crude steel production per employee

metric tons

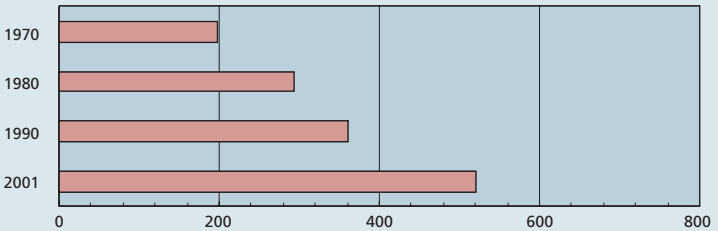
EU (15)



United States and Canada



Japan



Apparent Steel Consumption, 1995 to 2001

million metric tons finished steel products

	1995	1996	1997	1998	1999	2000	2001
Austria	3.0	2.8	3.5	3.9	3.8	4.2	3.9
Belgium-Luxembourg	3.8	3.7	3.9	4.3	3.9	4.2	4.2
France	14.8	14.0	15.5	16.6	16.5	18.0	16.5
FR Germany	35.1	31.6	34.0	34.6	35.2	37.9	37.1
Italy	27.8	23.3	27.5	29.3	29.4	30.6	30.3
Netherlands	4.8	4.6	4.7	5.6	5.1	4.7	4.1
Spain	12.5	11.6	13.7	15.6	17.5	17.4	18.3
Sweden	3.3	2.9	3.1	3.5	3.5	3.6	3.1
United Kingdom	13.2	13.1	14.0	14.5	13.5	13.1	13.3
Other EU	8.8	8.3	9.7	10.2	9.8	11.2	11.1
European Union (15)	127.1	115.8	129.6	138.1	138.1	144.9	141.9
Czech Republic	3.6	3.2	3.7	3.7	3.3	3.9	4.1
Poland	6.4	6.1	6.1	6.6	6.3	7.3	7.0
Romania	3.2	3.5	3.3	2.8	2.1	2.6	2.7
Turkey	10.2	10.1	11.9	12.1	11.0	12.9	10.7
Others	8.2	8.8	9.0	9.4	8.5	8.2	8.7
Other Europe	31.6	31.7	34.0	34.6	31.2	34.9	33.2
Europe	158.7	147.5	163.6	172.7	169.3	179.8	175.1
Russia	18.8	16.4	15.6	15.4	16.9	22.1	23.5
Ukraine	5.9	5.4	4.1	3.0	2.4	2.1	2.7
Other former USSR	3.1	4.9	6.1	3.5	3.6	5.7	6.1
former USSR	27.8	26.7	25.8	21.9	22.9	29.9	32.3
Canada	12.8	13.3	15.4	15.8	16.2	17.8	15.2
Mexico	5.9	8.0	11.1	12.6	12.8	13.9	12.6
United States	98.2	103.1	108.0	115.7	110.9	114.7	102.8
NAFTA	116.9	124.4	134.5	144.1	139.9	146.4	130.6
Argentina	2.8	3.2	3.7	3.8	3.1	3.0	2.8
Brazil	12.0	13.0	15.3	14.5	14.1	15.8	16.7
Venezuela	2.4	2.0	2.5	1.9	1.7	2.2	2.2
Others	6.0	6.0	6.4	7.0	5.2	6.0	6.1
Central and South America	23.2	24.2	27.9	27.2	24.1	27.0	27.8
Egypt	3.7	3.9	4.6	4.6	5.1	4.0	4.4
South Africa	4.4	4.0	4.5	4.0	3.8	4.0	4.2
Other Africa	6.7	5.5	6.0	7.8	5.7	6.5	6.5
Africa	14.8	13.4	15.0	16.5	14.6	14.6	15.1
Iran	4.8	5.7	6.9	5.7	6.1	7.8	6.9
Other Middle East	8.3	7.8	8.3	8.8	8.4	8.6	8.6
Middle East	13.1	13.5	15.2	14.5	14.5	16.4	15.5
China	87.4	97.3	103.5	113.9	130.8	141.2	169.9
India	22.2	22.8	22.9	23.5	25.0	26.3	27.6
Japan	80.0	80.6	82.1	70.3	68.9	76.1	73.2
South Korea	35.5	37.6	38.1	24.7	33.8	38.5	38.2
Taiwan, China	20.1	18.0	21.0	20.2	20.4	21.0	17.7
Other Asia	45.1	40.6	43.0	28.5	31.5	35.3	36.2
Asia	290.3	296.9	310.6	281.1	310.3	338.4	362.7
Australia and New Zealand	6.5	6.5	6.5	6.6	6.6	6.4	5.9
World	651.3	653.1	699.1	684.5	702.2	758.9	765.0

Complete booklet available on line at <http://www.worldsteel.org>

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