



World Steel in Figures

2006

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World Steel in Figures

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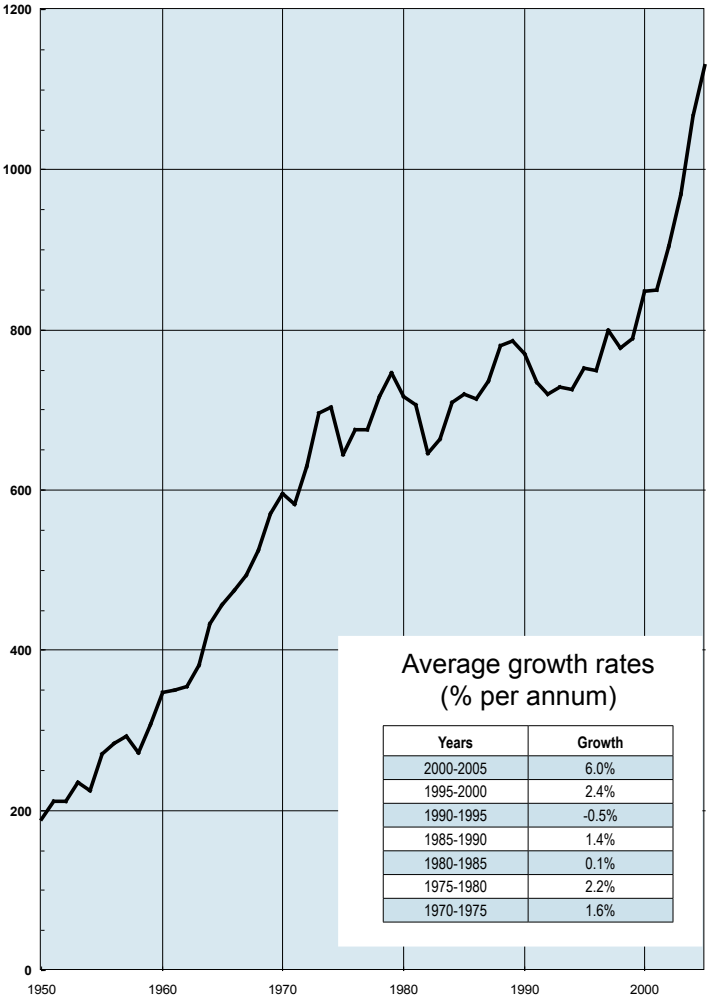
ISSN 1379-9746

World crude steel production 1950 to 2005

(million metric tons)

Year	World
2005	1,132
2004	1,067
2003	969
2002	904
2001	850
2000	848
1999	789
1998	777
1997	799
1996	750

Year	World
1995	752
1990	770
1985	719
1980	717
1975	644
1970	595
1965	456
1960	347
1955	270
1950	189



Top steel-producing companies 2004 and 2005

(million metric tons crude steel output)

2005		2004		Company	2005		2004		Company
1	63.0	2	42.8	Mittal Steel	41	5.9	36	6.2	Mechel
2	46.7	1	46.9	Arcelor	42	5.8	47	5.1	Celsa
3	32.0	3	32.4	Nippon Steel	43	5.8	45	5.2	Anyang
4	30.5	5	30.2	POSCO	44	5.7	64	3.7	Jiuquan
5	29.9	4	31.6	JFE	45	5.6	40	5.6	AK Steel
6	23.8	6	21.4	Baosteel	46	5.5	42	5.5	HKM ²
7	19.3	7	20.8	US Steel	47	5.4	50	4.6	Taiyuan
8	18.4	9	17.9	Nucor	48	5.2	41	5.5	CSN
9	18.2	8	19.0	Corus Group	49	5.2	48	5.0	Erdemir
10	17.5	11	16.7	Riva	50	5.1	25	8.1	Salzgitter
11	16.5	10	17.6	ThyssenKrupp ¹	51	5.0	73	3.4	Jianlong
12	16.1	30	7.1	Tangshan	52	4.6	79	3.1	Liuzhou
13	13.9	13	13.7	Evrz	53	4.6	84	2.8	Beitei
14	13.7	12	14.6	Gerdau	54	4.5	57	4.0	Tangshan Guofeng
15	13.6	15	12.8	Severstal	55	4.5	49	4.9	Stelco
16	13.5	14	13.0	Sumitomo	56	4.4	55	4.2	Tata Steel
17	13.4	16	12.1	SAIL	57	4.4	53	4.5	Zaporizhstal
18	12.0	20	9.3	Wuhan	58	4.4	51	4.6	Nangang
19	11.9	17	11.3	Anshan	59	4.2	60	3.9	SIDOR
20	11.4	18	11.3	Magnitogorsk	60	4.2	61	3.9	HADEED
21	10.5	29	7.6	Jiangsu Shagang	61	4.2	54	4.4	Dofasco
22	10.4	24	8.5	Shougang	62	4.2	59	4.0	Ezz Group
23	10.4	32	6.9	Jinan	63	4.0	75	3.3	Jiangxi Xinyu
24	10.3	35	6.6	Laiwu	64	4.0	56	4.1	SSAB
25	10.3	19	10.9	China Steel	65	3.9	58	4.0	Nisshin
26	9.6	26	8.0	Maanshan	66	3.7	62	3.8	Alchevsk
27	9.4	23	8.7	IMIDRO	67	3.6	67	3.6	Urals Steel
28	8.7	46	5.2	Techint	68	3.6	74	3.3	Xuanhua
29	8.7	22	9.0	Usiminas	69	3.5	68	3.5	Shaoguan
30	8.5	21	9.1	Novolipetsk	70	3.5	89	2.7	Kunming
31	8.2	28	7.6	Hyundai	71	3.4	52	4.5	Ruukki
32	7.7	27	7.7	Kobe Steel	72	3.4	69	3.4	Tinjin Tiantie
33	7.0	44	5.4	Baotou	73	3.4	70	3.4	Vizag Steel
34	7.0	33	6.8	Handan	74	3.4	66	3.6	Tokyo Steel
35	7.0	31	6.9	Mariupol (Illyich)	75	3.4	72	3.4	Hebei Jinxi
36	6.8	34	6.7	BlueScope	76	3.4	98	2.4	Pingxiang
37	6.5	43	5.5	Benxi	77	3.3	81	3.0	AHMSA
38	6.4	38	5.9	voestalpine	78	3.3	78	3.2	Steel Dynamics
39	6.2	37	6.0	Panzhihua	79	3.3	63	3.7	Duferco
40	5.9	39	5.7	Azovstal	80	3.2	77	3.2	Ipsco

¹ 50.0% of HKM included in ThyssenKrupp

² Total production

Major steel-producing countries 2004 and 2005

(million metric tons crude steel production)

	2005		2004	
	Rank	mmt	Rank	mmt
China	1	349.4	1	280.5
Japan	2	112.5	2	112.7
United States	3	94.9	3	99.7
Russia	4	66.1	4	65.6
South Korea	5	47.8	5	47.5
Germany	6	44.5	6	46.4
Ukraine	7	38.6	7	38.7
India	8	38.1	9	32.6
Brazil	9	31.6	8	32.9
Italy	10	29.3	10	28.5
Turkey	11	21.0	12	20.5
France	12	19.5	11	20.8
Taiwan, China	13	18.6	13	19.6
Spain	14	17.8	14	17.6
Mexico	15	16.2	15	16.7
Canada	16	15.3	16	16.3
United Kingdom	17	13.2	17	13.8
Belgium	18	10.4	18	11.7
South Africa	19	9.5	20	9.5
Iran	20	9.4	21	8.7
Poland	21	8.4	19	10.6

	2005		2004	
	Rank	mmt	Rank	mmt
Australia	22	7.8	22	7.4
Austria	23	7.0	25	6.5
Netherlands	24	6.9	24	6.8
Malaysia (e)	25	6.3	28	5.7
Romania	26	6.2	26	6.0
Czech Republic	27	6.2	23	7.0
Sweden	28	5.7	27	6.0
Egypt	29	5.6	32	4.8
Argentina	30	5.4	30	5.1
Thailand (e)	31	5.3	34	4.5
Venezuela	32	4.9	33	4.6
Finland	33	4.7	31	4.8
Slovakia	34	4.5	35	4.5
Kazakhstan	35	4.5	29	5.4
Saudi Arabia	36	4.2	36	3.9
Indonesia (e)	37	2.8	38	2.4
Greece	38	2.3	40	2.0
Luxembourg	39	2.2	37	2.7
Byelorussia	40	2.0	42	1.8
Hungary	41	2.0	41	2.0
Others		23.1		22.2
Total World		1,131.8		1,067.0

IISI sustainability criteria 2004 and 2005

In May 2006, IISI published its second Sustainability Report for the world steel industry. The report lists the 11 sustainability criteria approved by the IISI Board in October 2004.

The 11 criteria measure the economic, environmental, and social performance of the world steel industry in 2004.

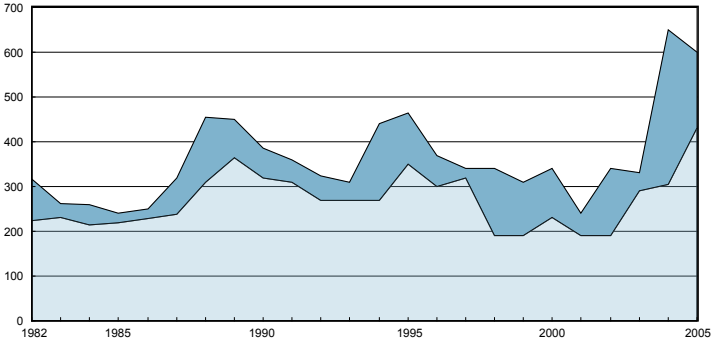
We recommend you obtain a copy of the Report to help you understand the methodology used to calculate these indicators. Copies of the report and can be downloaded from the worldsteel.org Bookshop for free.

The following table shows the criteria and the resulting values.

No	Indicator	Units	2005	2004
1	Investment in new processes and products	% of revenue	6.2	6.0
2	Operating margin	% of revenue	15.7	8.9
3	Return on capital employed (ROCE)	% of capital employed	22.3	9.1
4	Value added	% of revenue	11.7	2.6
5	Energy intensity	GJ/Tonne of crude steel produced	19.1	19.0
6	Greenhouse gas emissions	Tonnes of CO ₂ /Tonne of crude steel produced	1.7	1.6
7	Material efficiency	%	95.6	96.8
8	Steel recycling	% of recycled steel used in production of crude steel	42.7	42.3
9	Environmental management systems	% of total employees and contractors working in registered production facilities	90.7	85.4
10	Employee training	Training days/employee	9.9	6.3
11	Lost time injury frequency rate	Frequency/1 million hours worked	6.6	7.8
	Crude Steel produced by the participating companies	million metric tonnes	397.2	325.5
	Revenue generated by the participating companies	US\$ billion	213	191

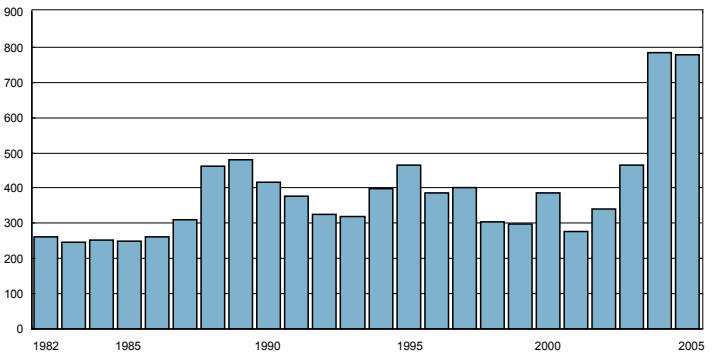
Price range for hot-rolled coil 1982 to 2005

(US\$/tonne FOB Antwerp)



Estimated value of world steel production 1982 to 2005

(US\$ billion)



Crude steel production by process 2005

	Production (mmt)	Oxygen %	Electric %	Open Hearth %	Other %	Total %
Austria	7.0	91.1	8.9	-	-	100.0
Belgium	10.4	74.6	25.4	-	-	100.0
Czech Republic	6.2	91.0	9.0	-	-	100.0
Finland	4.7	70.0	30.0	-	-	100.0
France	19.5	62.5	37.5	-	-	100.0
Germany	44.5	69.3	30.7	-	-	100.0
Hungary	2.0	83.8	16.2	-	-	100.0
Italy	29.3	39.9	60.1	-	-	100.0
Luxembourg	2.2	-	100.0	-	-	100.0
Netherlands	6.9	98.0	2.0	-	-	100.0
Poland	8.4	59.1	40.9	-	-	100.0
Slovakia	4.5	91.9	8.1	-	-	100.0
Spain	17.8	24.5	75.5	-	-	100.0
Sweden	5.7	68.9	31.1	-	-	100.0
United Kingdom	13.2	79.6	20.4	-	-	100.0
Other EU	4.2	-	100.0	-	-	100.0
European Union (25)	186.8	61.2	38.8	-	-	100.0
Romania	6.2	72.3	27.7	-	-	100.0
Turkey	21.0	29.2	70.8	-	-	100.0
Others	5.5	43.7	56.3	-	-	100.0
Other Europe	32.7	39.8	60.2	-	-	100.0
Russia	66.1	61.6	16.3	22.1	-	100.0
Ukraine	38.6	49.9	9.8	40.2	-	100.0
Other CIS	8.6	51.5	40.1	8.4	-	100.0
CIS	113.4	56.9	15.9	27.2	-	100.0
Canada	15.3	58.5	41.5	-	-	100.0
Mexico	16.2	27.8	72.2	-	-	100.0
United States	94.9	45.0	55.0	-	-	100.0
NAFTA	126.4	44.4	55.6	-	-	100.0
Argentina	5.4	47.8	52.2	-	-	100.0
Brazil	31.6	76.2	22.0	-	1.8	100.0
Chile	1.5	74.8	25.2	-	-	100.0
Venezuela	4.9	-	100.0	-	-	100.0
Others	2.9	23.4	76.6	-	-	100.0
Central & South America	46.3	61.5	37.3	-	1.2	100.0
Egypt	5.6	25.0	75.0	-	-	100.0
South Africa	9.5	55.4	44.6	-	-	100.0
Other Africa	2.6	43.4	56.6	-	-	100.0
Africa	17.6	44.0	56.0	-	-	100.0
Iran	9.4	26.2	73.8	-	-	100.0
Saudi Arabia	4.2	-	100.0	-	-	100.0
Other Middle East	1.4	-	100.0	-	-	100.0
Middle East	14.9	16.5	83.5	-	-	100.0
China	349.4	87.1	12.9	-	-	100.0
India	38.1	52.5	44.9	2.6	-	100.0
Japan	112.5	74.4	25.6	-	-	100.0
South Korea	47.8	55.9	44.1	-	-	100.0
Taiwan, China	18.6	53.7	46.3	-	-	100.0
Other Asia	16.5	-	100.0	-	-	100.0
Asia	582.8	76.4	23.5	0.2	-	100.0
Australia	7.8	82.2	17.8	-	-	100.0
New Zealand	0.9	68.1	31.9	-	-	100.0
World	1,129.6	65.4	31.7	2.8	0.1	100.0

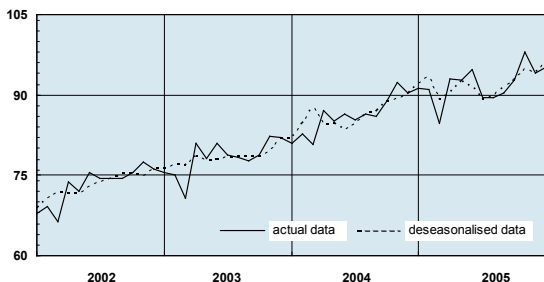
Continuously-cast steel output 2003 to 2005

	Million metric tons (mmt)			% crude steel output		
	2003	2004	2005	2003	2004	2005
Austria	6.0	6.3	6.8	96.4	96.0	96.2
Belgium	11.1	11.7	10.4	100.0	100.0	100.0
Czech Republic	6.1	6.3	5.5	90.3	90.1	88.8
Finland	4.7	4.8	4.7	99.5	99.5	99.5
France	19.0	20.0	18.7	96.3	96.1	95.8
Germany	43.1	44.9	42.9	96.2	96.8	96.4
Hungary	2.0	2.0	2.0	99.7	99.6	99.9
Italy	25.9	27.4	28.1	96.4	96.4	95.7
Luxembourg	2.7	2.7	2.2	99.5	100.0	100.0
Netherlands	6.5	6.7	6.8	98.2	98.0	98.0
Poland	7.0	8.2	6.5	76.4	77.1	77.2
Slovakia	4.6	4.4	4.5	99.6	99.7	99.7
Spain	15.8	17.3	17.5	96.8	98.0	98.0
Sweden	5.1	5.3	5.1	89.2	88.8	88.8
United Kingdom	12.8	13.4	13.0	96.2	97.2	97.8
Other EU	3.2	3.9	4.1	97.9	98.3	97.0
European Union (25)	174.9	184.7	178.1	95.5	95.7	95.7
Romania	4.7	4.9	5.4	81.8	81.1	86.0
Turkey	18.3	20.5	21.0	100.0	100.0	100.0
Others	3.1	3.5	4.1	63.6	68.2	74.7
Other Europe	26.0	28.9	30.4	90.3	91.2	93.1
Russia	32.6	35.6	35.7	53.1	54.3	54.0
Ukraine	16.5	17.3	17.3	44.6	44.6	44.8
Other CIS	3.4	3.9	4.2	40.9	41.8	48.1
CIS	52.5	56.8	57.2	49.2	50.0	50.4
Canada	15.6	16.1	15.1	97.9	98.5	98.8
Mexico	15.0	16.1	15.9	99.0	96.2	98.0
United States	91.2	96.9	91.9	97.3	97.2	96.8
NAFTA	121.8	129.1	122.9	97.6	97.2	97.2
Argentina	5.0	5.0	5.3	98.3	98.3	98.5
Brazil	28.6	30.5	29.2	91.9	92.7	92.4
Venezuela	3.9	4.6	4.9	100.0	100.0	100.0
Other Latin America	3.7	4.0	4.0	90.6	91.1	90.2
Central & South America	41.2	44.1	43.4	93.2	93.9	93.7
Egypt	4.3	4.7	5.5	97.8	97.9	98.2
South Africa	9.4	9.4	9.4	98.6	98.7	98.5
Other Africa	1.1	1.1	1.4	87.8	89.3	93.0
Africa	14.7	15.2	16.3	97.5	97.7	97.9
Iran	7.9	8.7	9.4	100.0	100.0	100.0
Saudi Arabia	3.9	3.9	4.2	100.0	100.0	100.0
Other Middle East	1.3	1.4	1.4	100.0	100.0	100.0
Middle East	13.1	14.0	14.9	100.0	100.0	100.0
China	208.0	263.5	334.3	93.5	94.0	95.7
India	20.8	21.5	25.1	65.3	65.9	65.9
Japan	108.0	110.2	110.0	97.7	97.8	97.8
South Korea	45.6	46.7	46.9	98.5	98.3	98.1
Taiwan, China	18.8	19.5	18.5	99.7	99.6	99.6
Other Asia	10.6	13.7	15.4	99.3	100.0	100.0
Asia	411.7	475.1	550.1	93.5	93.8	94.6
Australia	7.5	7.4	7.7	99.4	99.3	99.3
New Zealand	0.9	0.9	0.9	100.0	100.0	100.0
World	864.4	956.0	1,021.9	89.6	90.0	90.7

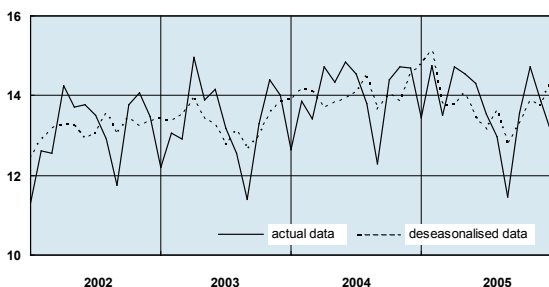
Monthly crude steel production by region 2002 to 2005

(million metric tons)

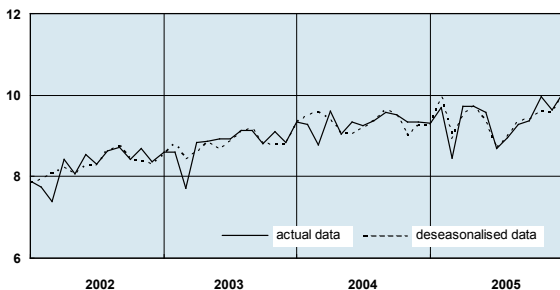
Total 64 reporting countries



European Union (15)



CIS (6)

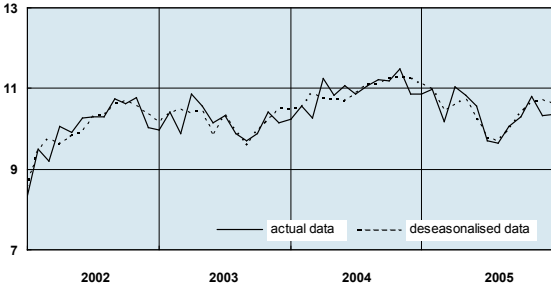


Reporting countries

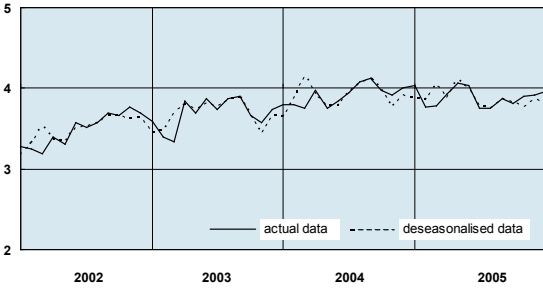
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In 2005, these countries accounted for approximately 98% of world crude steel production.

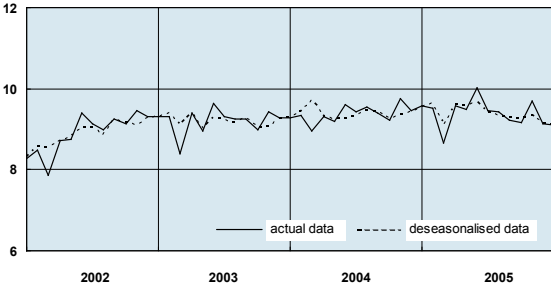
NAFTA



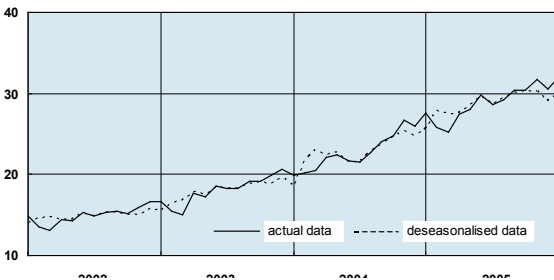
Central and South America



Japan



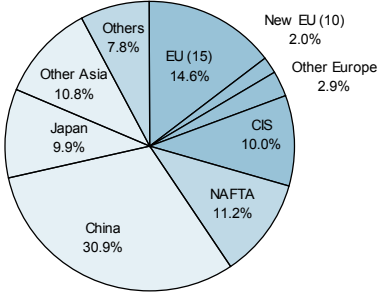
China



Steel production and use: geographical distribution, 2005

World total 2005: 1,132 million metric tons of crude steel

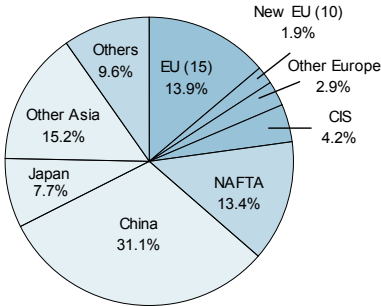
Production



Others comprise:

Africa	1.6%	Central and South America	4.1%
Middle East	1.4%	Australia and New Zealand	0.8%

Use (crude steel equivalent)



Others comprise:

Africa	2.2%	Central and South America	3.2%
Middle East	3.4%	Australia and New Zealand	0.8%

World steel trade by area 2004

(million metric tons)

Exporting Region ▼	European Union (15)	Other Europe	former USSR	North America	Latin America	Africa & Middle East	China	Japan	Other Asia	Oceania	Total Imports	Extra-regional imports ¹
European Union (15)	85.2	14.6	8.4	0.3	1.7	2.4	1.3	0.4	0.9	-	115.3	30.1
Other Europe	16.0	5.4	7.9	-	0.1	0.2	0.1	0.3	0.1	-	30.0	24.7
former USSR	1.0	0.6	7.1	0.1	-	-	0.1	0.4	0.5	-	9.7	2.6
North America	5.9	3.5	3.5	10.1	10.1	1.2	2.6	1.6	3.4	0.4	42.2	32.2
Latin America	1.7	0.5	1.8	2.0	4.8	0.2	0.2	1.0	0.9	-	13.2	8.4
Africa	2.7	1.6	4.5	0.1	1.9	1.1	0.4	0.5	0.9	-	13.6	12.5
Middle East	3.7	4.7	9.0	0.1	0.1	1.6	0.5	1.0	1.2	-	21.8	20.2
China	1.8	1.0	6.4	0.2	1.6	0.6	-	6.8	14.6	-	33.2	33.2
Japan	0.1	-	-	-	-	-	0.8	-	3.5	-	4.5	4.5
Other Asia	4.8	2.8	14.2	0.4	3.1	1.6	13.7	22.5	15.2	0.2	78.4	63.2
Oceania	0.2	-	-	-	-	0.1	0.1	0.5	1.4	0.3	2.7	2.4
Total Exports	123.2	34.7	62.9	13.2	23.3	9.2	19.7	34.9	42.7	1.1	364.8	234.1
Extra-regional exports ¹	38.0	29.4	55.8	3.1	18.5	6.4	19.7	34.9	27.5	0.8	234.1	
Net Exports ²	7.9	4.7	53.2	-29.0	10.1	-26.3	-13.6	30.4	-35.7	-1.7		

¹ Total exports minus intra-regional trade. Intra-regional trade is highlighted.

² Exports minus imports

Major importers and exporters of steel 2004

(million metric tons)

Rank	Country	Total Exports
1	Japan	34.8
2	Russia	30.4
3	Ukraine	28.2
4	Germany ¹	27.3
5	Belgium-Luxembourg ¹	23.5
6	China	20.1
7	France ¹	18.7
8	South Korea	15.0
9	Italy ¹	13.3
10	Turkey	13.2
11	Brazil	12.0
12	Taiwan, China	9.4
13	Netherlands ¹	9.0
14	United Kingdom ¹	7.8
15	United States	7.3
16	Spain ¹	6.4
17	Austria ¹	5.8
18	Mexico	5.5
19	India	5.5
20	Canada	5.4

Rank	Country	Net Exports ³
1	Japan	30.6
2	Ukraine	27.4
3	Russia	26.3
4	Brazil	11.4
5	Belgium-Luxembourg ¹	8.6
6	EU (15) ²	7.9
7	Germany ¹	7.3
8	Turkey	5.0
9	South Africa	4.0
10	Kazakhstan	2.8
11	India	2.7
12	Austria ¹	2.6
13	Finland ¹	2.6
14	Slovakia	2.5
15	Netherlands ¹	2.4

Rank	Country	Total Imports
1	China	33.2
2	United States	33.0
3	Germany ¹	19.9
4	Italy ¹	19.4
5	South Korea	17.7
6	France ¹	16.5
7	Belgium-Luxembourg ¹	14.9
8	Taiwan, China	13.7
9	Spain ¹	11.8
10	Thailand	11.1
11	Canada	9.3
12	United Kingdom ¹	8.7
13	Turkey	8.2
14	Iran	7.9
15	Malaysia	7.5
16	Netherlands ¹	6.5
17	Hong Kong	6.3
18	Mexico	5.8
19	Viet Nam	5.4
20	United Arab Emirates	4.6

Rank	Country	Net Imports ⁴
1	United States	25.7
2	China	13.1
3	Thailand	9.0
4	Iran	6.5
5	Italy ¹	6.1
6	Spain ¹	5.3
7	Viet Nam	5.3
8	Hong Kong	4.8
9	United Arab Emirates	4.6
10	Taiwan, China	4.3
11	Malaysia	4.2
12	Canada	3.9
13	Indonesia	3.3
14	Philippines	2.8
15	South Korea	2.7

¹ Data for individual European Union (15) countries include intra-European trade

² Excluding intra-European trade

³ Exports-imports

⁴ Imports-exports

World steel exports - analysis by product 2000 to 2004

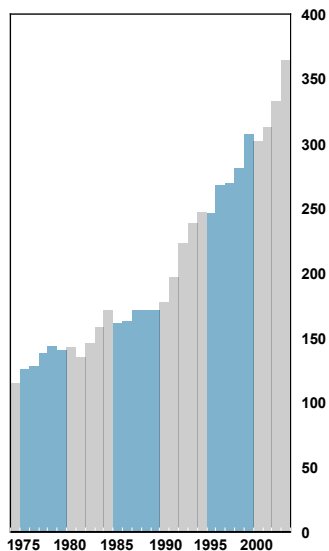
(million metric tons)

	2000	2001	2002	2003	2004
Ingots and semi-finished material	48.1	47.3	48.7	51.0	58.9
Railway track material	2.1	2.5	2.5	2.7	2.4
Angles, shapes and sections	18.5	17.8	16.8	18.0	19.4
Concrete reinforcing bars	11.1	13.2	11.0	14.8	15.9
Bars and rods, hot-rolled	9.0	9.3	8.3	9.1	9.9
Wire rod	16.8	16.3	17.2	17.9	20.6
Drawn wire	4.2	4.2	4.5	4.9	5.5
Other bars and rods	3.6	3.8	3.6	3.9	4.8
Hot-rolled strip	3.1	3.4	3.4	3.2	3.2
Cold-rolled strip	3.5	3.2	3.4	3.6	4.5
Hot-rolled sheets and coils	49.4	43.9	48.9	50.1	54.9
Plates	17.0	17.7	18.2	20.6	24.1
Cold-rolled sheets and coils	29.1	26.9	28.1	29.8	31.2
Electrical sheet and strip	2.6	2.6	2.7	3.4	3.7
Tinmill products	6.4	6.0	6.2	6.4	6.5
Galvanised sheet	21.9	20.5	23.0	24.3	26.8
Other coated sheet	6.4	6.2	6.8	6.9	7.4
Steel tubes and fittings	21.5	23.8	24.2	23.8	28.2
Wheels (forged and rolled) and axles	0.3	0.3	0.3	0.3	0.4
Castings	0.5	0.5	0.5	0.6	0.9
Forgings	1.5	0.8	0.8	0.8	1.1
Total	276.7	270.3	279.1	296.1	330.0

Exports in *World Steel in Figures* include intra-EU trade and intra-NAFTA trade. They 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. The above table comprises the exports of 37 countries, which represent approximately 91% of total world trade in 2004.

World trade in steel products 1975 to 2004

(million metric tons finished steel)

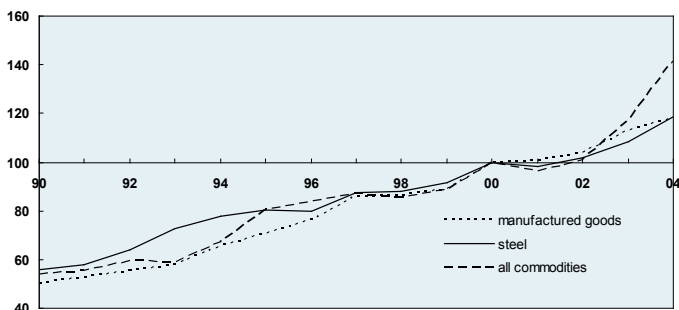


Exports are of finished and semi-finished steel products. Production of finished steel, where not available from national sources, is calculated from crude steel production, taking into account the continuous casting ratio.

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	634.7	27.9
1992	196.1	632.7	31.0
1993	222.5	639.4	34.8
1994	238.6	631.1	37.8
1995	246.6	658.6	37.4
1996	245.4	660.0	37.2
1997	268.1	701.5	38.2
1998	269.1	685.2	39.3
1999	280.8	697.0	40.3
2000	306.7	750.8	40.8
2001	301.5	753.5	40.0
2002	312.3	803.1	38.9
2003	332.1	862.5	38.5
2004	363.9	862.5	42.2

World volume of trade - 1990 to 2004

Quantum Indices 2000 = 100



Iron ore 2004

(million metric tons actual weight)

Country	Fe content ¹	Production	- Exports	+ Imports	= Apparent Consumption
Austria	(32)	1.9	-	5.8	7.7
Belgium-Luxembourg		-	-	10.4	10.4
France		-	-	20.8	20.7
Germany		-	-	38.9	38.9
Italy		-	-	16.7	16.7
Netherlands		-	6.6	30.3	23.7
Spain		-	-	6.1	6.1
Sweden	(63)	22.3	17.3	0.1	5.0
United Kingdom		-	-	15.3	15.3
Other EU		-	-	3.8	3.8
European Union (15)²		24.2	24.0	148.2	148.3
Czech Republic		-	-	9.4	9.4
Norway	(65)	0.6	0.7	0.5	0.5
Poland		-	-	10.0	10.0
Slovakia		0.3	-	5.3	5.6
Other Europe	..	5.2	-	16.8	22.0
Europe		30.2	24.7	190.1	195.7
CIS	(60)	181.2	46.4	13.9	148.7
Canada	(63)	28.3	22.5	8.0	13.8
Mexico	(65)	11.5	1.0	4.4	14.8
United States	(60)	54.7	8.5	11.8	58.0
NAFTA		94.5	32.0	24.1	86.6
Brazil	(66)	270.5	236.8	-	33.8
Chile	(61)	7.4	5.5	-	1.9
Peru	(60)	7.0	7.0	-	-
Venezuela	(64)	20.0	9.3	-	10.7
Other Central and South America	..	0.6	-	18.0	18.6
Central and South America		305.6	258.6	18.0	65.0
Mauritania	(65)	11.0	11.0	-	-
South Africa	(65)	39.3	24.7	0.9	15.4
Other Africa	..	4.2	-	7.8	12.0
Africa		54.2	35.7	8.7	27.4
Middle East		18.5	5.0	11.1	24.5
China	(28)	335.6	-	208.1	543.7
India	(61)	120.6	62.7	1.0	59.0
Japan	(57)	-	-	134.9	134.9
South Korea	..	0.5	-	44.2	44.7
Other Asia	..	2.0	5.3	25.1	21.7
Asia		458.7	68.0	413.3	804.0
Australia	(65)	234.7	210.5	2.7	27.0
New Zealand and Other Oceania	..	2.3	1.0	-	1.3
Oceania		237.0	211.5	2.7	28.3
World		1,379.9	681.9	681.8	1,379.9

¹ of domestic production: percentage Fe of total weight

² EU Data are distorted by anomalous reporting of material for trans-shipment to third countries

World iron ore trade by area 2004

(million metric tons actual weight)

Exporting Region ▼	European Union (15)	Other Europe	former USSR	NAFTA	Central and South America	Africa and Middle East	Asia	Oceania	Total imports	Extra-regional imports ¹
European Union (15)	17.5	0.6	4.2	10.7	83.7	17.0	1.5	12.4	147.6	130.2
Other Europe	2.4	-	25.2	1.2	9.3	1.7	1.1	1.0	41.9	41.9
former USSR	-	-	13.5	-	-	-	-	-	13.5	0.0
NAFTA	0.1	-	-	13.7	6.5	-	-	-	20.2	6.5
Central and South America	-	-	-	-	23.6	-	-	-	23.7	0.1
Africa and Middle East	3.3	-	-	0.5	14.0	4.1	0.9	-	22.8	18.7
China	0.5	-	3.1	2.5	63.4	10.6	47.9	80.3	208.2	160.3
Japan	-	-	-	0.7	30.5	5.1	17.4	81.1	134.9	117.5
Other Asia	0.3	-	0.4	0.9	26.7	0.2	4.2	36.2	69.0	64.8
Oceania	-	-	-	0.7	0.5	0.5	-	0.1	1.8	1.8
Total exports	24.0	0.7	46.4	30.9	258.3	39.3	73.0	211.1	683.6	541.7
Extra-regional exports¹	6.6	0.6	32.9	17.2	234.7	35.2	3.5	211.0	541.7	
Net exports²	-123.6	-41.3	32.9	10.7	234.6	16.5	-13.0	207.7		

¹ Total exports minus intra-regional trade. Intra-regional trade is highlighted.

² Exports minus imports

Scrap: estimated consumption, trade, and apparent domestic supply, 2004

(million metric tons)

Country	Consumption	- Imports	+ Exports	= Apparent Domestic Supply
Austria	2.3	1.0	1.1	2.4
Belgium-Luxembourg	8.0	8.4	3.4	3.0
Finland	2.2	0.9	0.3	1.7
France	10.6	3.5	5.6	12.7
Germany	20.6	5.4	7.0	22.2
Italy	21.8	5.6	0.2	16.4
Netherlands	1.7	2.6	4.1	3.1
Spain	15.8	6.4	0.2	9.6
Sweden	2.8	0.3	0.7	3.2
United Kingdom	5.1	0.2	6.8	11.6
Other EU	3.7	1.7	2.2	4.3
European Union (15)	94.5	36.0	31.6	90.1
Bulgaria	1.1	0.1	0.8	1.8
Czech Republic	2.9	0.5	1.6	4.0
Hungary	0.8	0.1	0.9	1.6
Poland	5.8	0.4	2.0	7.5
Romania	2.8	-	2.4	5.2
Slovakia	1.1	0.3	0.5	1.3
Turkey	17.2	12.9	0.1	4.3
Others	3.7	2.1	2.9	4.6
Other Europe	35.4	16.3	11.1	30.2
CIS	49.7	2.4	18.6	66.0
Canada	8.6	1.8	3.0	9.7
Mexico	12.9	2.1	0.4	11.3
United States	59.7	4.6	11.9	67.0
NAFTA	81.1	8.5	15.3	87.9
Argentina	2.1	-	-	2.2
Brazil	12.0	0.1	-	12.0
Venezuela	1.5	-	0.1	1.6
Other Central and South America	0.4	0.3	0.5	1.2
Central and South America	18.1	0.3	0.5	18.3
South Africa	2.9	0.1	0.4	3.3
Africa	2.9	0.1	0.4	3.3
China	51.0	10.2	-	40.8
Japan	46.9	0.3	6.8	53.4
South Korea	25.7	7.5	0.2	18.4
Taiwan, China	11.1	3.8	0.1	7.4
Other Asia	21.3	10.4	2.2	13.1
Asia	155.9	32.2	9.3	133.1
Australia	2.6	-	1.0	3.6
Oceania	2.6	-	1.0	3.6
World	440.4	95.7	87.8	432.5

Pig iron

2004 and 2005

(million metric tons)

Country	Production 2005	Production 2004	- Exports 2004	+ Imports 2004	= Apparent Consumption 2004
Austria	5.4	4.8	-	0.1	4.9
Belgium-Luxembourg	7.3	8.2	0.2	0.4	8.4
Czech Republic	4.6	5.4	0.1	0.1	5.4
Finland	3.1	3.0	-	-	3.1
France	12.7	13.2	-	0.2	13.4
Germany	28.9	30.0	0.1	0.3	30.2
Hungary	1.3	1.4	-	-	1.4
Italy	11.4	10.6	-	1.3	11.9
Netherlands	6.0	6.0	0.1	0.4	6.3
Poland	4.5	6.4	0.1	0.2	6.5
Portugal	-	-	-	-	0.0
Slovakia	3.6	3.8	0.1	-	3.7
Spain	4.2	4.0	-	0.6	4.6
Sweden	3.7	3.9	0.1	-	3.8
United Kingdom	10.2	10.2	-	0.1	10.3
Other EU	-	-	-	0.1	0.1
European Union (25)	106.9	110.9	0.8	3.8	114.0
Bulgaria	1.2	1.2	-	-	1.2
Romania	4.1	4.2	-	-	4.2
Turkey	6.0	5.8	-	0.3	6.1
Others	1.4	1.2	-	-	1.2
Other Europe	12.6	12.4	0.1	0.3	12.7
Kazakhstan	3.6	4.3	-	-	4.3
Russia	48.4	50.3	5.4	-	44.9
Ukraine	30.8	31.1	1.3	0.2	30.0
Other CIS	-	-	-	0.2	0.2
CIS	82.8	85.7	6.7	0.4	79.4
Canada	8.3	8.8	0.1	0.1	8.8
Mexico	4.0	4.3	-	0.7	5.0
United States	37.2	42.3	0.2	6.2	48.3
NAFTA	49.5	55.4	0.3	7.0	62.1
Argentina	2.6	2.4	-	-	2.4
Brazil	33.9	34.6	6.2	-	28.4
Chile	1.1	1.1	-	-	1.1
Other Central and South America	0.7	0.7	0.1	0.1	0.8
Central and South America	38.3	38.8	6.3	0.1	32.7
Egypt	1.1	1.0	-	-	1.0
South Africa	6.1	6.0	0.5	-	5.6
Other Africa	1.1	1.1	0.1	-	1.1
Africa	8.3	8.1	0.5	-	7.6
Iran	2.3	2.1	-	-	2.1
Other Middle East	-	-	-	0.1	0.1
Middle East	2.3	2.1	-	0.1	2.2
China	-	-	-	-	-
India	330.4	256.7	1.3	0.8	256.3
Japan	26.1	25.1	0.3	-	24.8
South Korea	83.1	83.0	-	0.6	83.5
Taiwan, China	27.3	27.6	-	1.8	29.3
Other Asia	1.5	1.4	0.3	1.8	2.9
Asia	477.8	404.2	2.0	6.0	408.1
Australia	6.2	5.7	-	0.2	5.9
New Zealand and other Oceania	0.7	0.7	-	-	0.7
Oceania	6.9	6.5	-	0.2	6.6
World	785.5	724.1	16.7	18.0	725.5

Direct reduced iron production 2000 to 2005

(million metric tons)

Country	1999	2000	2001	2002	2003	2004	2005
Germany	0.4	0.5	0.2	0.5	0.6	0.6	0.4
Sweden	0.1	0.1	0.1	0.1	0.1	0.1	0.1
European Union (15)	0.5	0.6	0.3	0.7	0.7	0.7	0.6
Russia	1.9	1.9	2.5	2.9	2.9	3.1	3.3
CIS	1.9	1.9	2.5	2.9	2.9	3.1	3.3
Canada	0.9	1.1	0.0	0.2	0.5	1.1	0.6
Mexico	6.1	5.6	3.7	4.7	5.5	6.3	6.0
United States	1.7	1.6	0.1	0.5	0.2	0.2	0.2
NAFTA	8.7	8.3	3.8	5.4	6.2	7.6	6.8
Argentina	1.0	1.4	1.3	1.5	1.7	1.8	1.8
Brazil	0.4	0.4	0.3	0.4	0.4	0.4	0.4
Peru	0.0	0.1	0.1	0.0	0.1	0.1	0.1
Trinidad and Tobago	1.4	1.5	2.0	2.3	2.2	2.2	2.1
Venezuela	5.1	6.4	5.5	6.8	6.6	7.8	8.9
Central and South America	7.9	9.8	9.2	11.0	11.0	12.3	13.3
Egypt	1.7	2.1	2.4	2.5	2.9	3.0	2.9
Libya	1.3	1.5	1.1	1.2	1.3	1.6	1.7
South Africa	1.3	1.5	1.6	1.7	1.5	1.6	1.8
Africa	4.2	5.1	5.0	5.4	5.7	6.2	6.4
Iran	4.0	4.5	5.0	5.3	5.0	6.4	6.9
Qatar	0.7	0.6	0.7	0.8	0.8	0.8	0.8
Saudi Arabia	2.3	3.1	2.9	3.3	3.3	3.4	3.6
Middle East	7.0	8.2	8.6	9.3	9.1	10.7	11.3
China	0.1	0.1	0.1	0.2	0.3	0.4	0.5
India	5.3	5.5	5.7	5.7	7.1	9.1	10.6
Indonesia	1.7	1.7	1.5	1.4	1.2	1.4	1.4
Malaysia	1.0	1.2	1.0	1.1	1.6	1.7	1.4
Myanmar	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asia	8.1	8.6	8.4	8.5	10.2	12.7	13.9
Australia	0.3	0.3	1.4	1.0	2.0	0.7	0.7
Oceania	0.3	0.3	1.4	1.0	2.0	0.7	0.7
World	38.7	42.9	39.2	44.2	47.8	54.1	56.2

Apparent steel use 1999 to 2005

(million metric tons finished steel products)

Country	1999	2000	2001	2002	2003	2004	2005
Austria	2.7	2.9	3.0	3.1	3.1	3.3	3.2
Belgium-Luxembourg	3.9	5.7	5.4	5.2	4.9	5.3	5.1
France	16.5	18.0	16.5	16.4	15.7	16.9	15.1
Germany	35.2	37.0	35.6	34.3	34.3	36.4	35.5
Italy	29.6	30.5	30.4	30.2	31.9	32.8	32.0
Netherlands	5.1	4.7	4.7	4.0	3.4	3.4	3.6
Spain	17.5	17.4	18.9	19.3	21.1	21.2	20.9
Sweden	3.5	3.6	3.1	3.3	3.6	4.0	3.9
United Kingdom	13.6	13.5	13.5	12.6	12.3	13.2	11.3
Other EU (15)	9.9	11.3	10.9	11.8	11.5	11.1	10.3
European Union (15)	137.5	144.6	142.0	140.2	141.9	147.7	140.9
Czech Republic	3.3	3.9	4.0	4.2	4.4	5.2	5.1
Poland	6.7	7.6	7.1	7.1	7.7	8.5	8.1
Other new EU (10)	4.5	5.1	5.3	5.7	5.7	6.7	6.2
New EU (10)	14.4	16.6	16.4	16.9	17.8	20.4	19.4
European Union (25)	152.0	161.2	158.4	157.2	159.7	168.1	160.4
Romania	2.1	2.6	2.7	2.8	3.1	3.3	3.3
Turkey	11.0	12.7	11.0	12.6	14.3	16.2	18.5
Others	4.7	5.8	6.5	6.4	6.4	7.7	7.5
Other Europe	17.8	21.1	20.3	21.8	23.7	27.1	29.3
Russia	17.9	24.4	26.9	24.9	28.2	28.8	30.4
Ukraine	3.9	4.9	5.8	5.5	8.2	7.2	7.2
Other CIS	3.0	4.0	4.3	4.0	4.1	4.3	4.6
CIS	24.8	34.1	37.9	35.4	41.5	41.5	43.4
Canada	16.2	17.8	15.2	15.9	15.5	17.4	16.2
Mexico	12.8	14.1	13.1	13.8	14.3	16.0	16.1
United States	110.9	114.7	103.8	102.7	100.4	115.6	103.5
NAFTA	139.9	146.6	132.1	132.4	130.2	149.0	135.8
Argentina	3.1	3.0	2.6	1.8	2.9	3.6	3.8
Brazil	14.1	15.8	16.7	16.5	16.0	18.3	16.8
Venezuela	1.7	1.7	2.3	1.6	1.5	2.3	2.5
Other Central and South America	5.9	7.6	7.4	7.8	7.3	8.5	9.4
Central and South America	24.8	28.1	28.9	27.6	27.6	32.7	32.5
Egypt	5.1	4.0	4.2	4.0	4.2	4.0	4.9
South Africa	3.8	4.0	4.2	4.9	4.1	5.0	4.7
Other Africa	6.5	7.4	8.3	9.6	10.8	11.5	12.8
Africa	15.4	15.4	16.7	18.4	19.1	20.5	22.4
Iran	7.1	9.6	10.6	11.3	14.7	14.5	16.1
Other Middle East	10.1	10.2	12.5	14.0	15.5	16.1	18.6
Middle East	17.2	19.7	23.1	25.3	30.2	30.6	34.7
China	122.6	124.3	153.6	186.3	234.1	270.0	315.0
India	25.1	26.3	27.4	28.9	31.2	33.3	36.7
Japan	68.9	76.1	73.2	71.7	78.1	76.8	78.1
South Korea	33.8	38.5	38.3	43.7	45.4	47.2	46.7
Taiwan, China	20.4	21.1	17.4	20.4	19.9	22.1	19.9
Other Asia	30.9	34.1	37.4	41.6	41.6	46.8	50.6
Asia	301.7	320.3	347.3	392.7	450.3	496.1	547.0
Australia and New Zealand	6.5	6.7	6.3	7.2	7.5	8.0	7.9
Oceania	6.5	6.7	6.3	7.2	7.5	8.0	7.9
World	700.0	753.4	771.0	818.1	889.8	973.6	1,013.4

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Media enquiries

Media enquiries should be directed to:

John Fewtrell
General Manager, Communications
International Iron and Steel Institute (IISI)
Rue Colonel Bourg 120
B-1140 Brussels
Belgium

T: +32 2 702 89 00

F: +32 2 702 88 99

E: press@iisi.be

worldsteel.org

International Iron and Steel Institute (IISI)
Rue Colonel Bourg 120
B-1140 Brussels
Belgium

T: +32 2 702 89 00

F: +32 2 702 88 99