

UK STEEL

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KEY STATISTICS GUIDE JULY 2019

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All data was provided by the International Statistics Bureau (ISSB) unless otherwise stated. Please contact ISSB if further details are required: info@issb.co.uk

Front cover image: Langley Alloys stock check, taken by Steve Morgan, shortlisted in the Professional category of the EEF Photography Competition 2017.

The UK steel industry in numbers

32,000

PEOPLE DIRECTLY EMPLOYED BY THE UK STEEL INDUSTRY

28%

AVERAGE STEEL SALARY 28% HIGHER THAN THE NATIONAL AVERAGE

£2bn

DIRECT CONTRIBUTION TO THE UK ECONOMY IN 2017

£1.5bn

POSITIVE CONTRIBUTION TO THE UK TRADE DEFICIT VIA EXPORTS

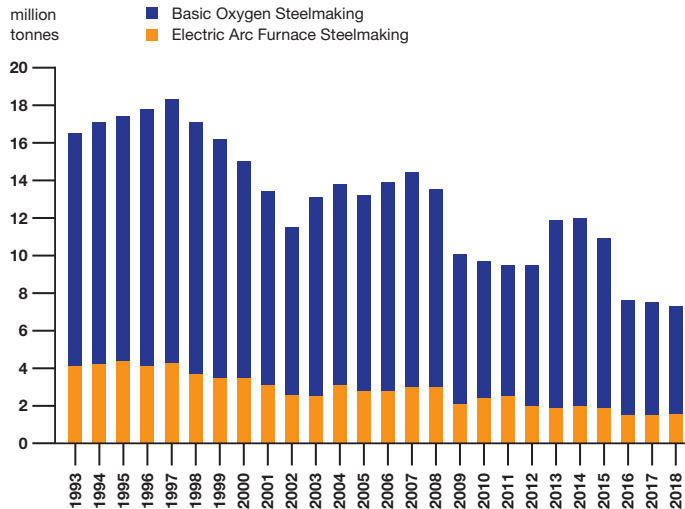
£3.8bn

FUTURE OPPORTUNITIES VALUED AT £3.8bn/YEAR BY 2030

52,300

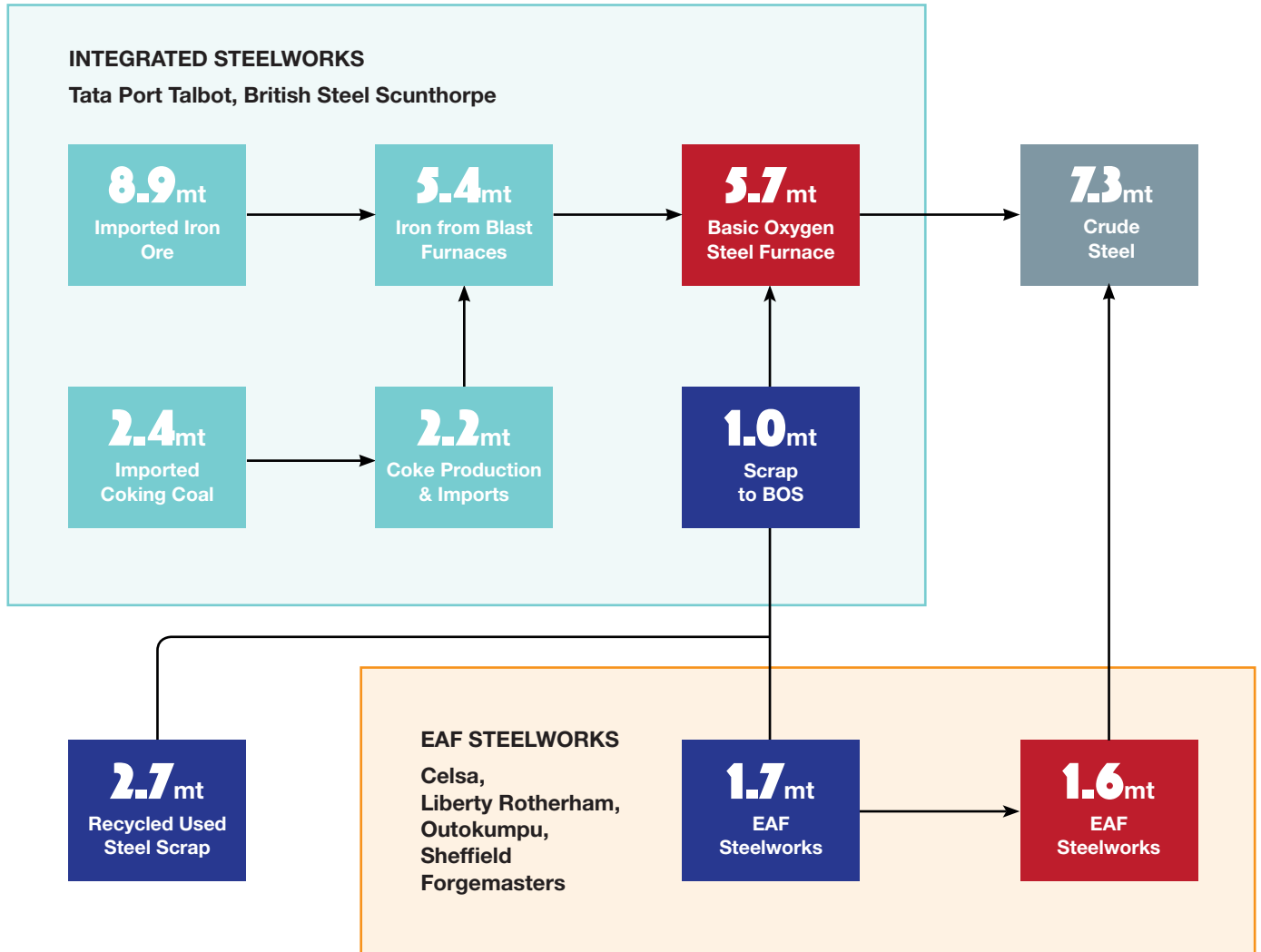
FURTHER JOBS SUPPORTED IN THE SUPPLY CHAIN

Annual crude steel production 1993 - 2018

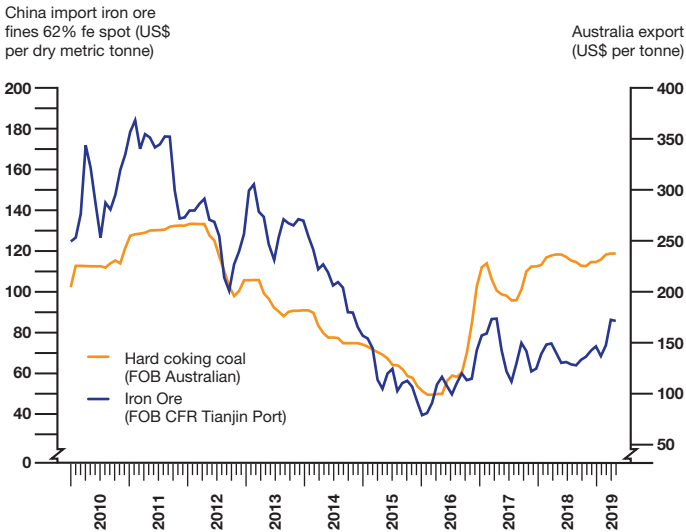


UK steelmaking 2018

Materials & production



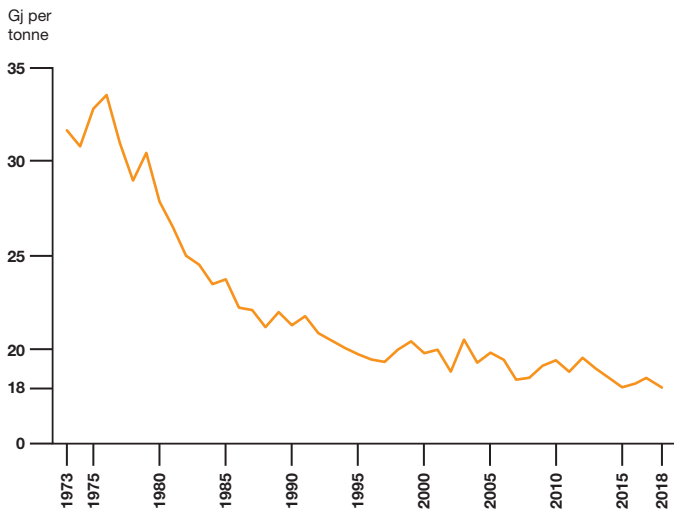
Raw material costs - iron ore & hard coking coal Jan 2010 - Mar 2019



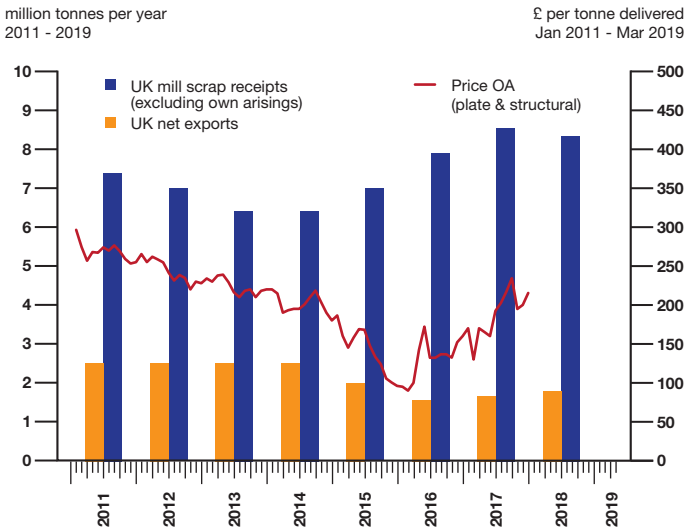
Source: Index Mundi

Source: Industry Sources

Energy per tonne of steel produced 1973 - 2018

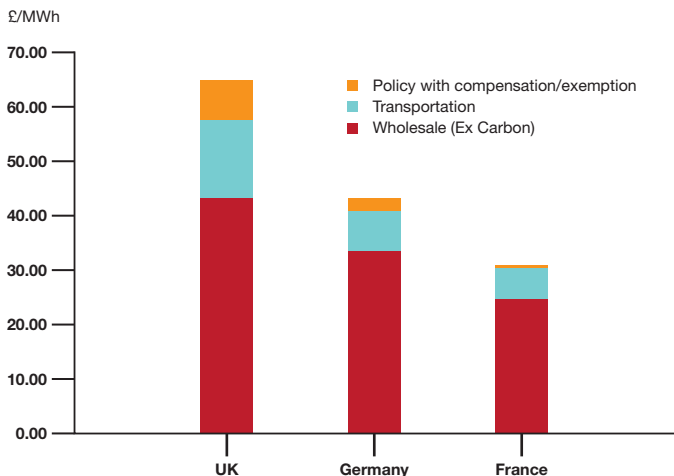


Scrap: mill receipts, net exports & price 2011 - 2019



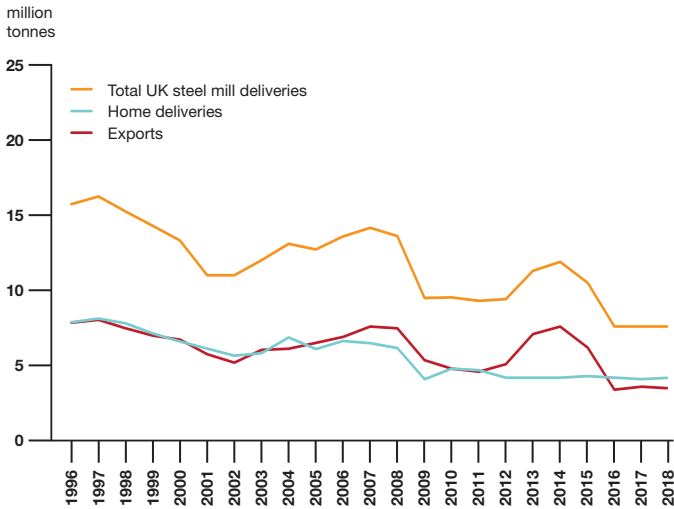
Price data: Industry Sources

Steel electricity price disparity 2018 - 19 UK, Germany & France

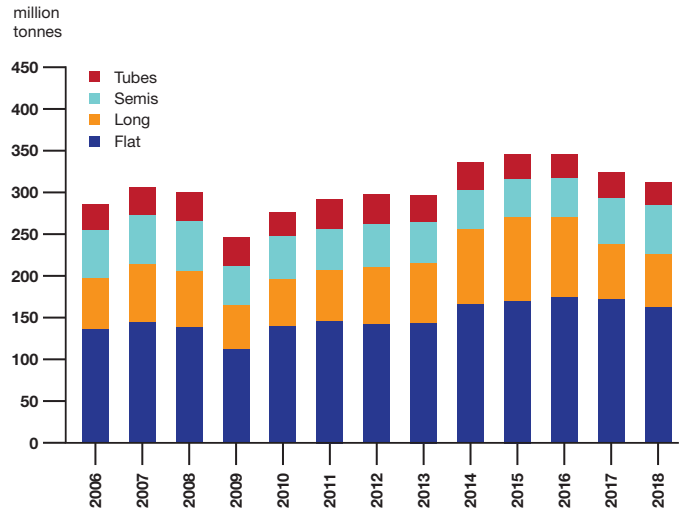


Source: UK Steel

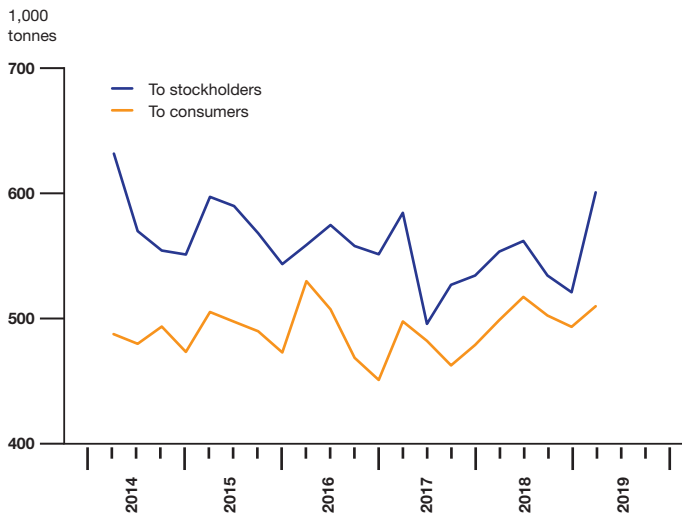
UK steel mill home and export deliveries 1996 - 2018



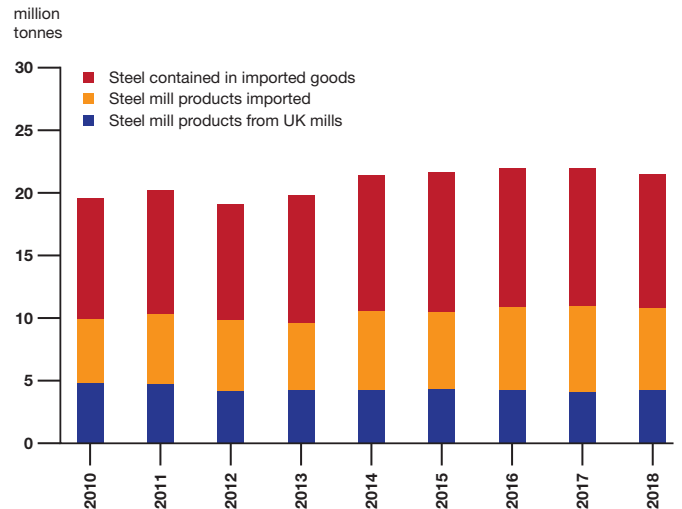
Global traded volumes 2006 - 2018



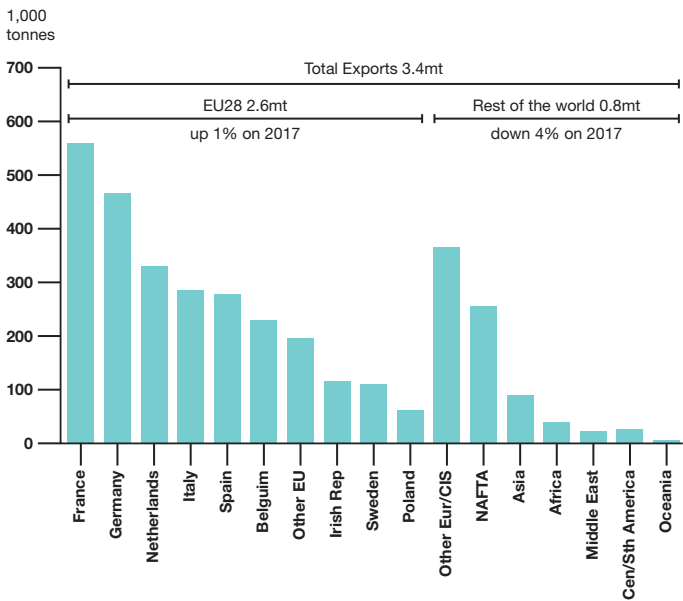
UK steel mill deliveries to UK consumers and stockholders Q1 2014 - Q1 2019 by quarter



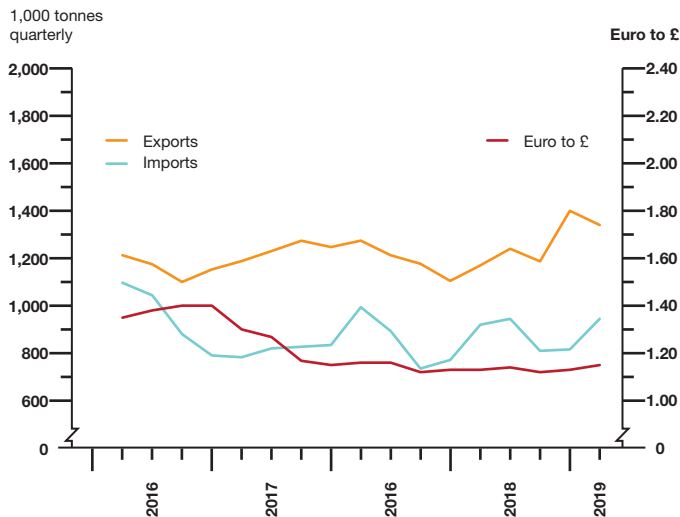
UK steel requirement 2010 - 2018



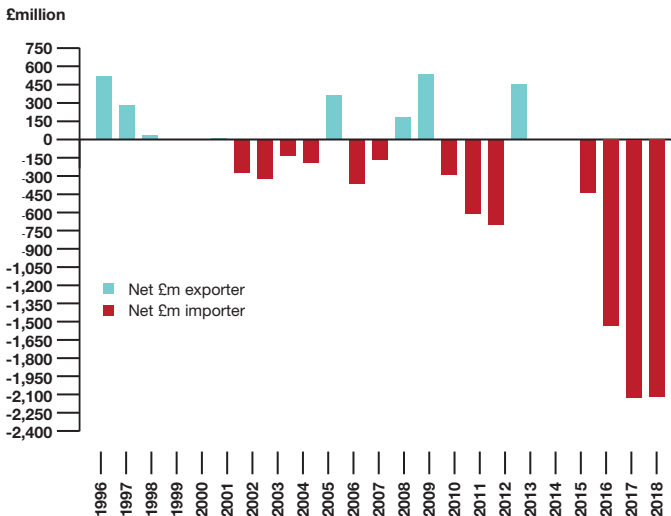
UK steel mill exports 2018



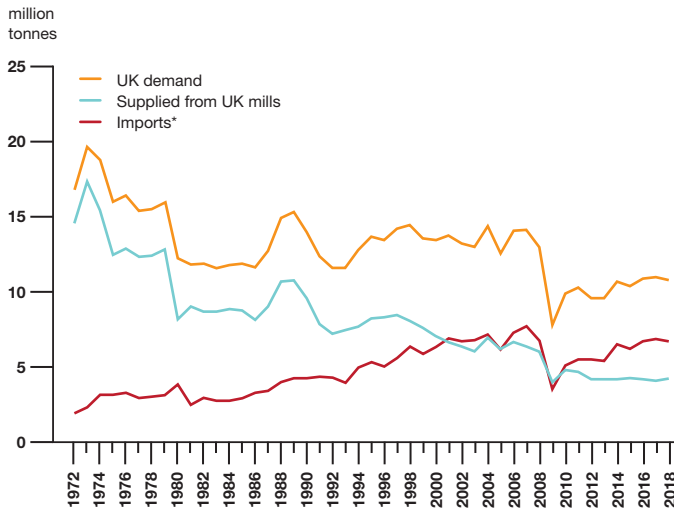
UK steel exports and imports to/from EU countries 2015-2018.



UK trade balance: steel mill products 1996 - 2018

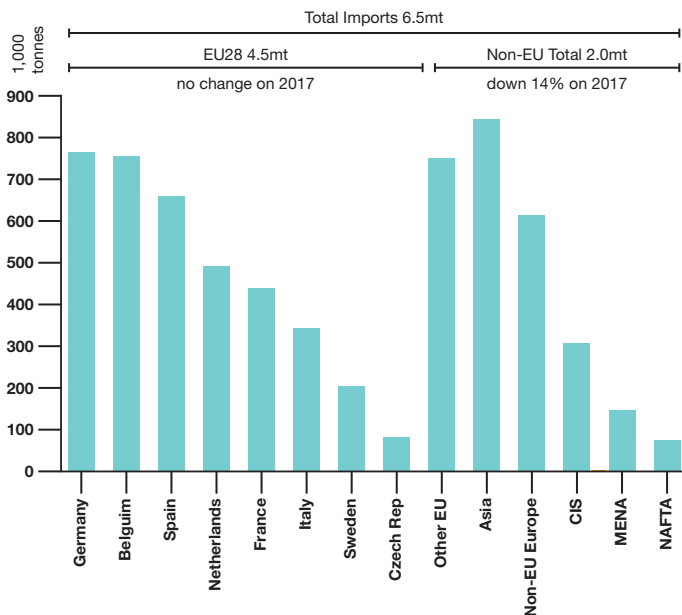


UK demand for steel mill products 1972 - 2018

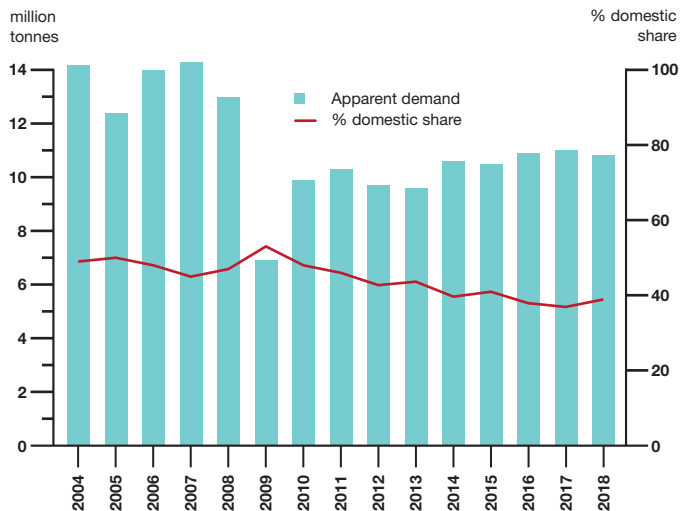


*Excludes any imports made by steel producers

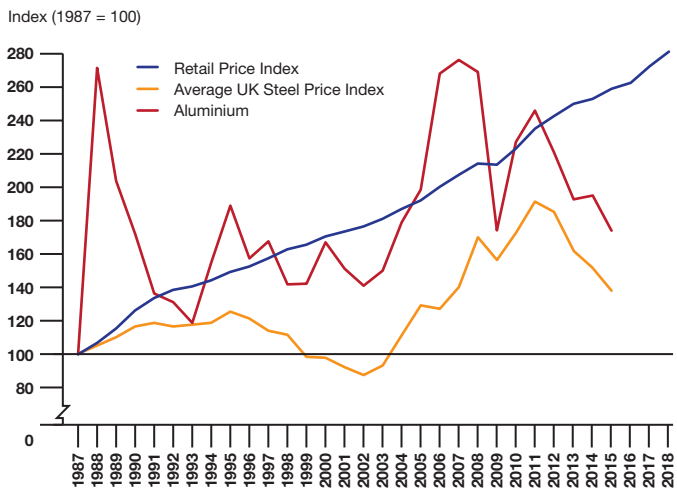
UK imports of steel mill products by country of origin 2018 (Imports exclude material for steel industry conversion)



UK apparent demand & domestic share - steel industry products 2004 - 2018

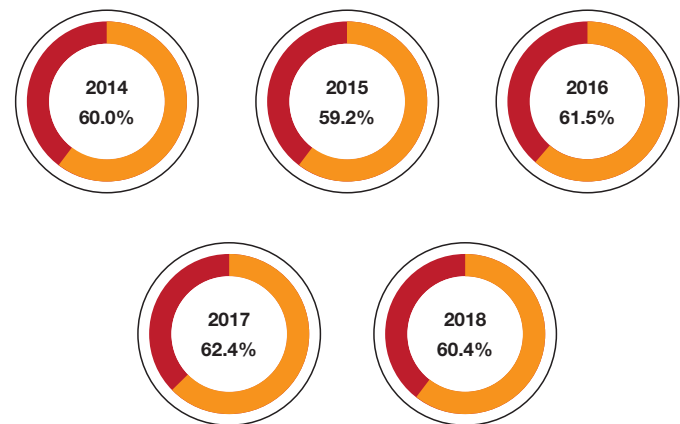


Index of UK steel & aluminium price compared to RPI 1987 - 2018



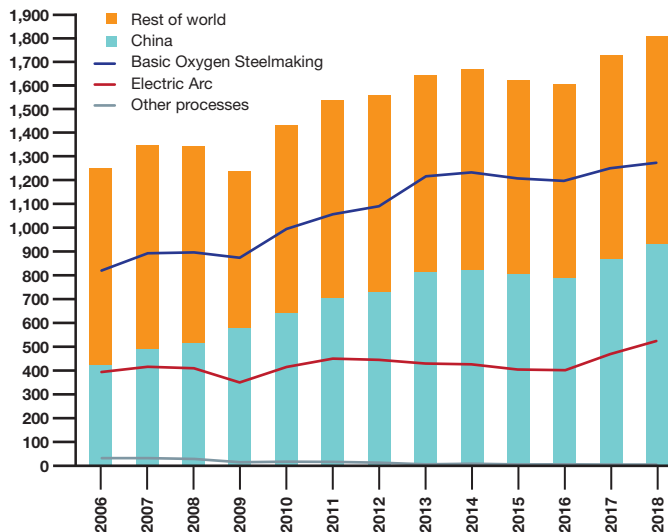
Aluminium price source: Indexmundi

% total imports to total home market 2014 - 2018



World crude steel production 2006 - 2018

million tonnes



Source: worldsteel

World top ten steel exporters & importers

million tonnes

EXPORT				
POSITION 2018		2017	2018	% CHANGE 2017-2018
1	CHINA	70.8	64.4	-9%
2	JAPAN	37.1	35.5	-4%
3	RUSSIA	30.8	32.9	7%
4	SOUTH KOREA	30.5	29.2	-4%
5	EU28	29.3	27.5	-6%
6	TURKEY	15.9	19.3	21%
7	INDIA	15.6	10.3	-34%
8	BRAZIL	15.2	13.8	-9%
9	UKRAINE	15.1	15.0	-1%
10	TAIWAN	11.9	12.1	1%
	Other	50.6	52.3	3%
	Total	322.9	312.3	-3%

IMPORT				
POSITION 2018		2017	2018	% CHANGE 2017-2018
1	EU28	40.3	44.0	9%
2	U S A	33.7	30.0	-11%
3	SOUTH KOREA	18.8	14.4	-23%
4	TURKEY	15.6	13.9	-11%
5	THAILAND	14.2	15.1	7%
6	CHINA	13.6	14.0	3%
7	INDONESIA	11.9	11.4	-4%
8	MEXICO	11.3	10.6	-5%
9	INDIA	8.5	8.6	1%
10	CANADA	8.4	8.8	4%
	Other	80.7	73.9	-8%
	Total	257.0	244.8	-5%

Excludes EU internal trade.

Global steel consumption by region 2012-2018 - based on apparent steel use of finished steel products

million tonnes

REGION/COUNTRY	2012	2018	% Change 2018 on 2012
EU	140.7	169.7	21%
Non-EU Europe	34.1	38.4	13%
CIS	59.1	56.2	-5%
NAFTA	132.7	142.9	8%
Central & South America	49.1	43.3	-12%
Africa	32.9	37.0	12%
Middle East	50.7	50.1	-1%
Asia Exc China	278.5	332.5	19%
China	660.1	835.0	26%
Oceania	7.7	7.0	-9%
World Total	1,445.6	1,712.1	18%

Source: worldsteel

Crude steel production 2018

million tonnes

EU PRODUCERS	Total	B.O.S	E.A.F.	Other
Germany (e)	42.4	29.7	12.7	0.0
Italy	24.5	4.5	20.0	0.0
France	15.4	10.5	4.9	0.0
Spain (e)	14.3	4.9	9.4	0.0
Poland	10.2	5.4	4.8	0.0
Austria	6.9	6.2	0.7	0.0
Belgium (e)	8.0	5.4	2.6	0.0
United Kingdom	7.3	5.7	1.6	0.0
Other EU	38.7	25.8	12.9	0.0
European Union (28)	167.6	98.1	69.6	0.0

WORLD PRODUCERS	Total	B.O.S.	E.A.F.	Other
China (e)	928.4	807.6	120.7	0.1
European Union (28)	167.6	98.1	69.6	0.0
Japan	104.3	78.2	26.1	0.0
India*	106.5	49.7	56.7	0.0
United States	86.6	27.7	58.9	0.0
Russia (e)	71.7	48.0	22.1	1.7
South Korea	72.5	48.3	24.2	0.0
Turkey	37.3	11.5	25.8	0.0
Brazil	34.6	26.8	7.3	0.5
Ukraine (e)	21.1	14.7	1.6	4.8
Taiwan, China	23.2	14.1	9.2	0.0
Iran	24.5	2.3	22.3	0.0
Mexico	20.2	4.9	15.3	0.0
Canada	13.1	7.4	5.6	0.0
Vietnam	15.3	5.0	9.2	1.1
World**	1,798.1	1,266.7	524.2	7.1

(e) - estimated.

*Basic Oxygen includes Open Hearth.

**the countries listed in this table accounted for more than 99% of world crude steel production in 2018.

Source: worldsteel

UK Steel is the trade association for the UK steel industry and champions the country's steel manufacturers.

We represent the sector's interests to government and promote our innovative, vibrant and dynamic industry to the public.

Together, we build the future of the UK steel industry.

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