

# UK STEEL

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# KEY STATISTICS GUIDE MAY 2023



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

# THE UK STEEL INDUSTRY IN NUMBERS

**39,800**

**PEOPLE DIRECTLY EMPLOYED BY THE UK STEEL INDUSTRY**

**50,000**

**FURTHER JOBS SUPPORTED IN THE SUPPLY CHAIN**

**43%** **AVERAGE STEEL SALARY HIGHER THAN THE NATIONAL AVERAGE**

**56%** **AVERAGE STEEL SALARY HIGHER THAN IN WALES AND YORKSHIRE & HUMBERSIDE REGIONS**

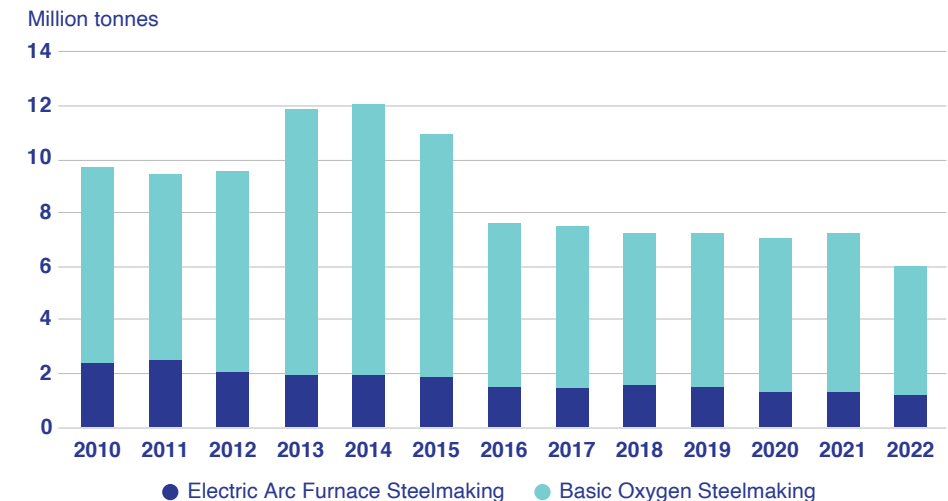
**£2.9 BN**

**DIRECT CONTRIBUTION TO THE UK ECONOMY AND AN ADDED £3.8 BN IN SUPPLY CHAINS**

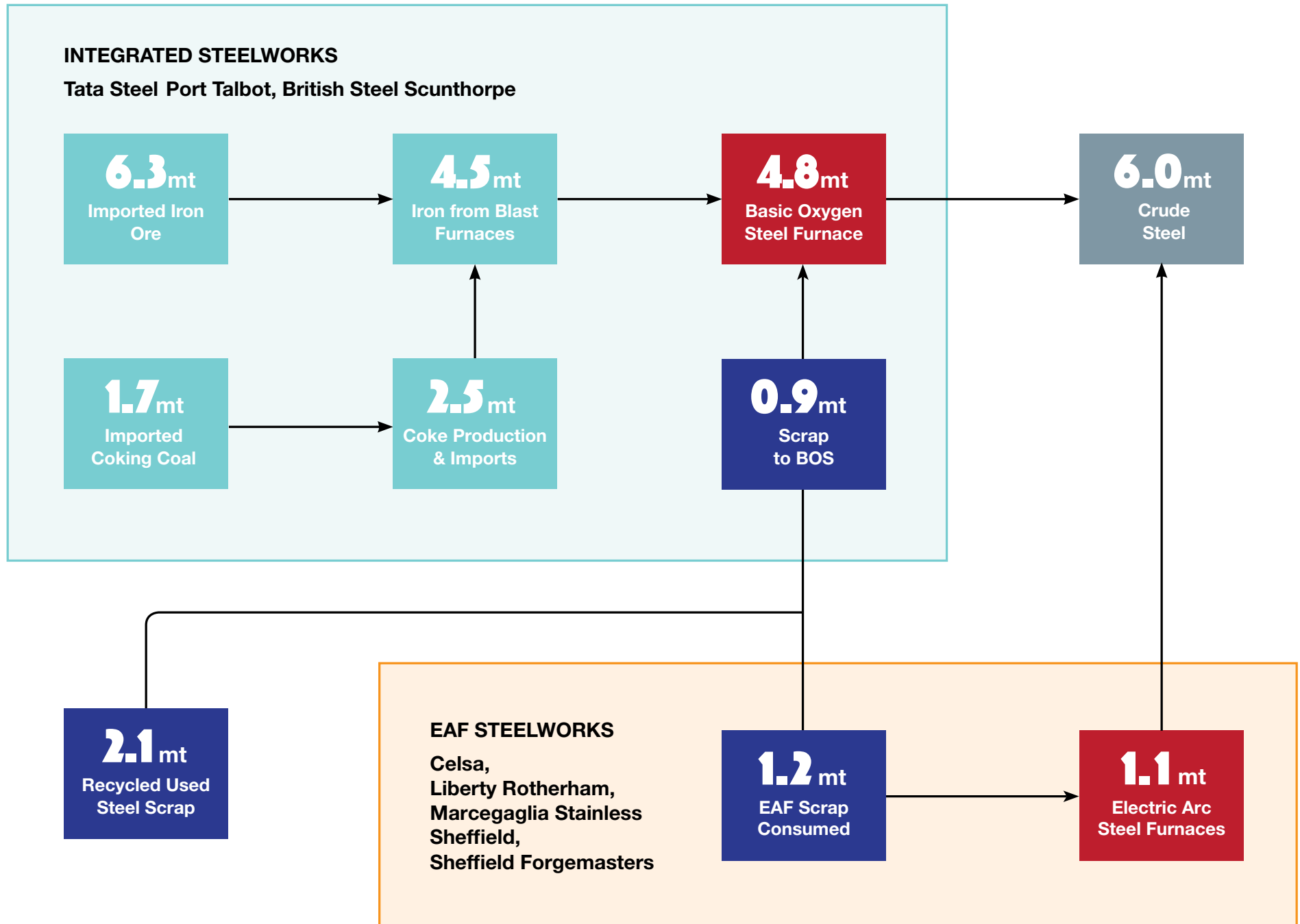
**£4 BN**

**DIRECT CONTRIBUTION TO THE UK'S BALANCE OF TRADE**

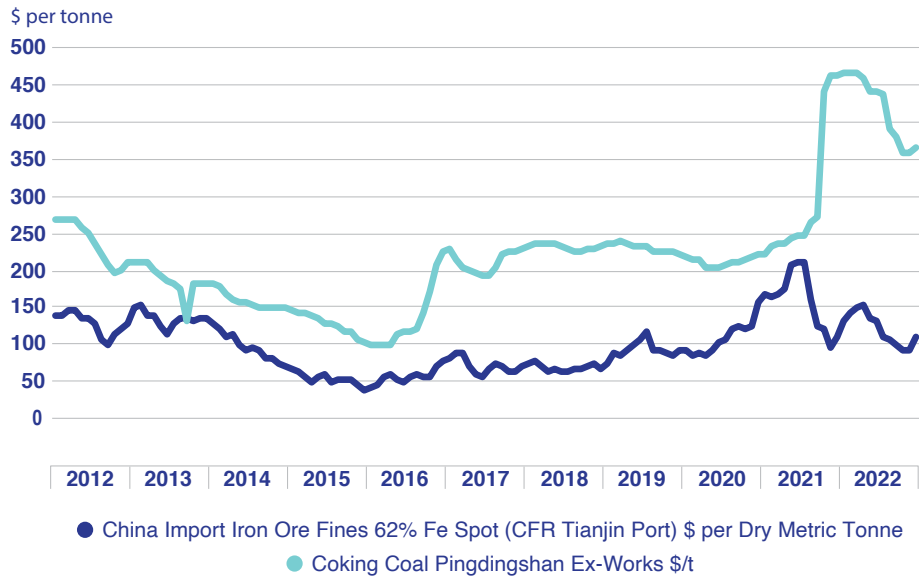
UK annual crude steel production 2010-2022



UK steelmaking 2022, Materials & production

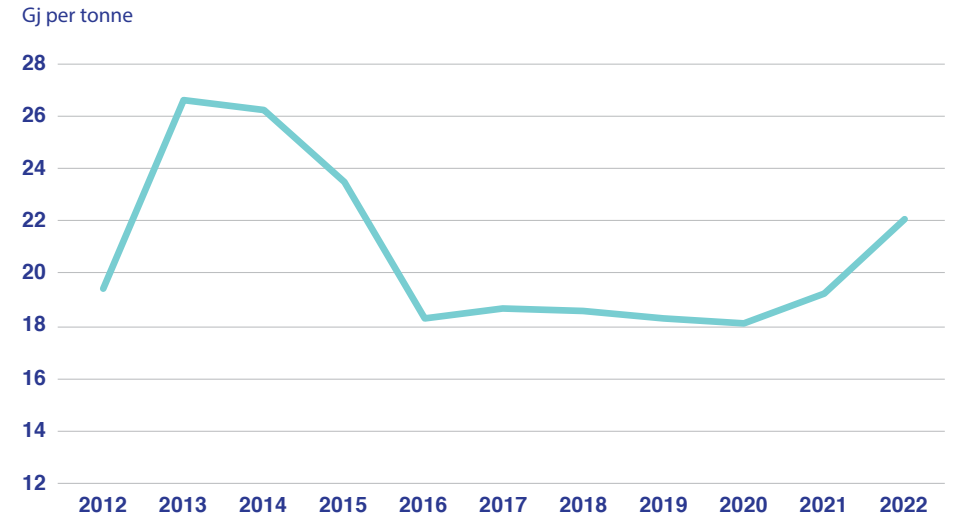


### Raw material costs - Iron ore & hard coking coal Jan 2012-Dec 2022

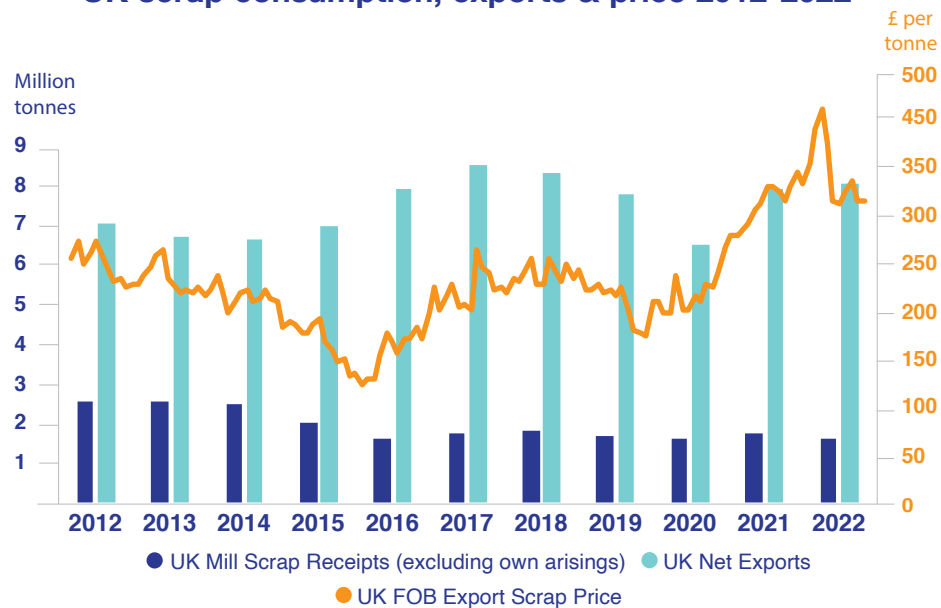


Source: Kallanish

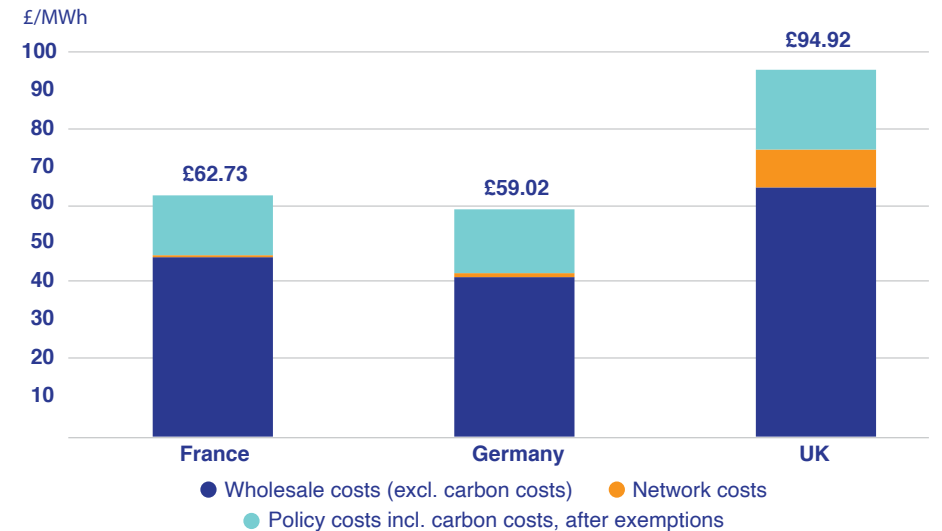
### Energy per tonne of steel produced 2012-2022



### UK scrap consumption, exports & price 2012-2022

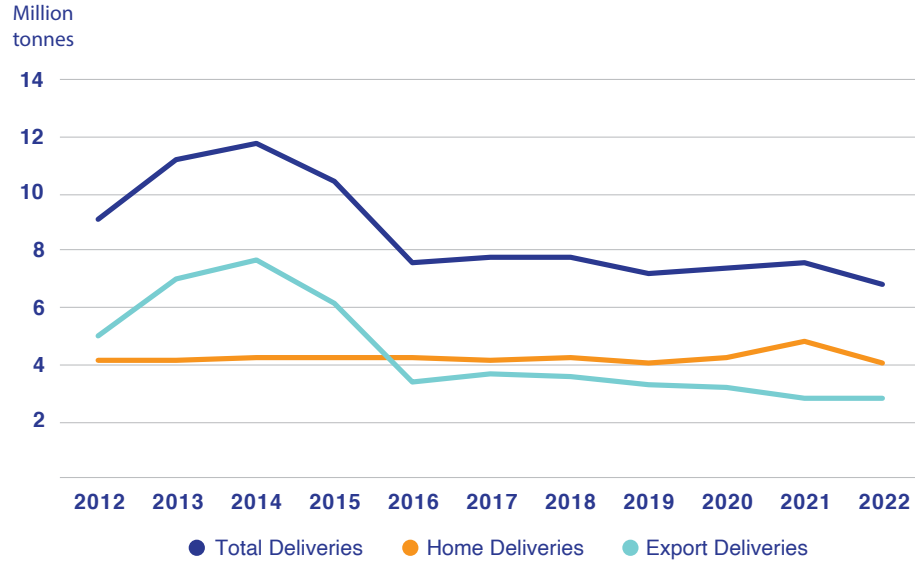


### Steel electricity price disparity 2021-2022 UK, Germany & France

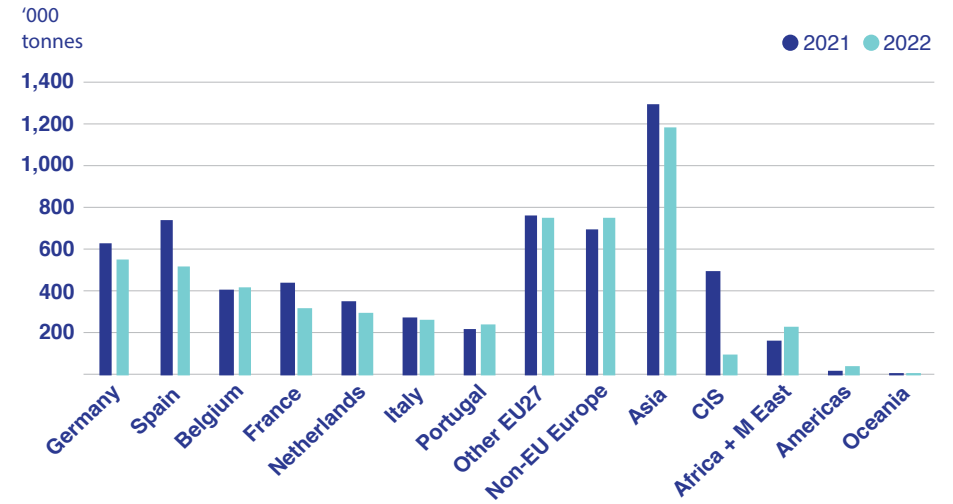


Source: UK Steel

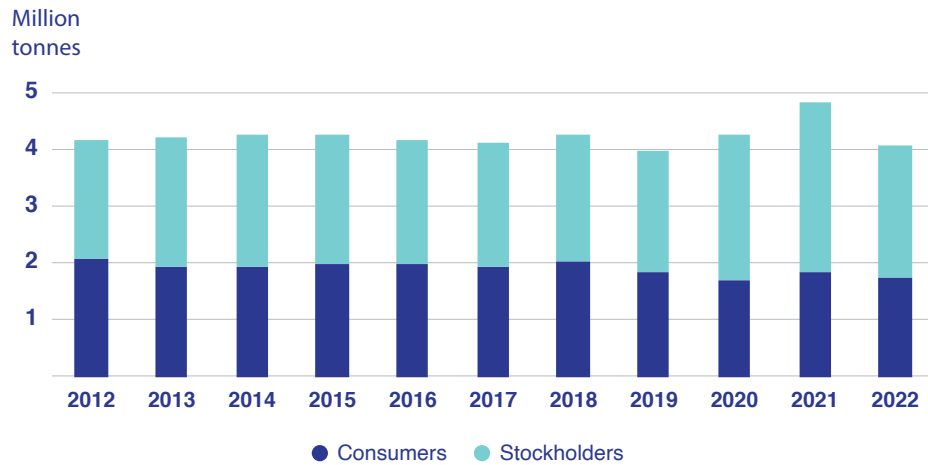
### UK steel mill home and export deliveries 2011-2022



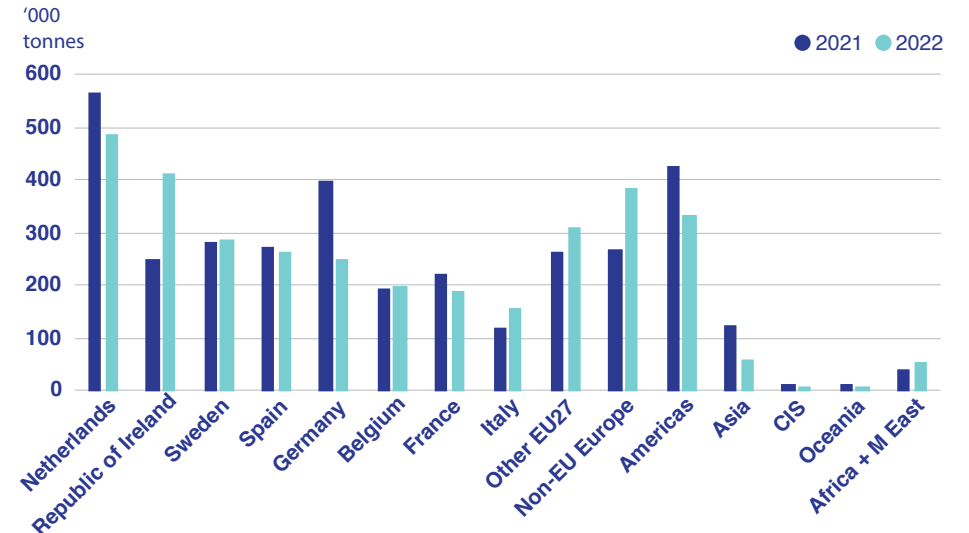
### UK semi-finished and finished steel imports 2022 vs 2021



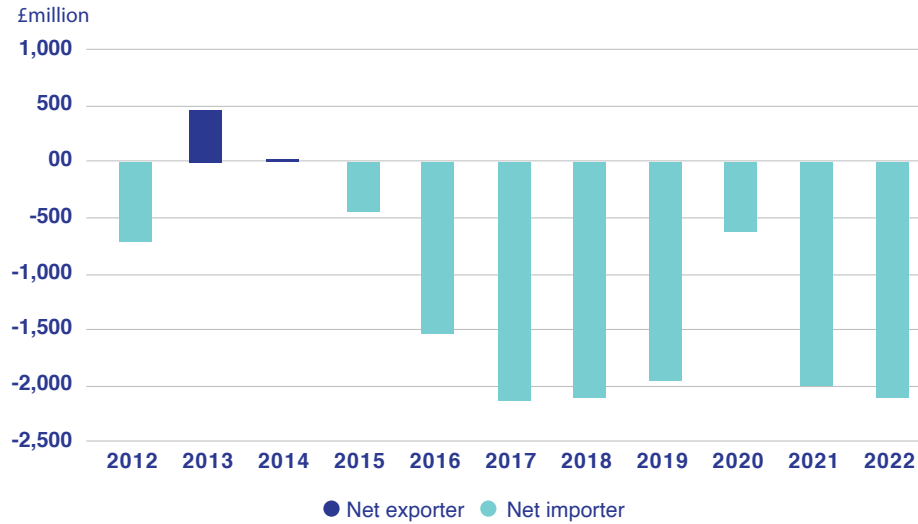
### UK steel mill deliveries to UK consumers and stockholders 2012-2022



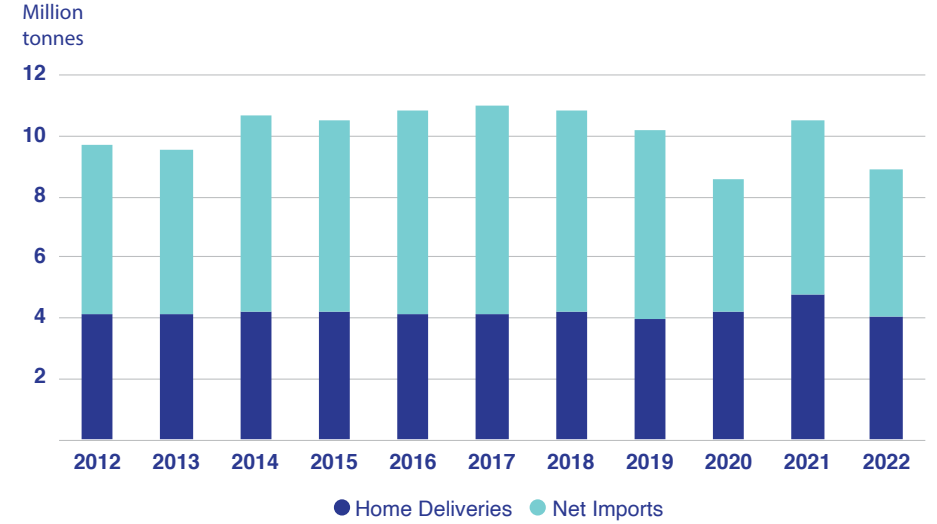
### UK semi-finished and finished steel exports 2022 vs 2021



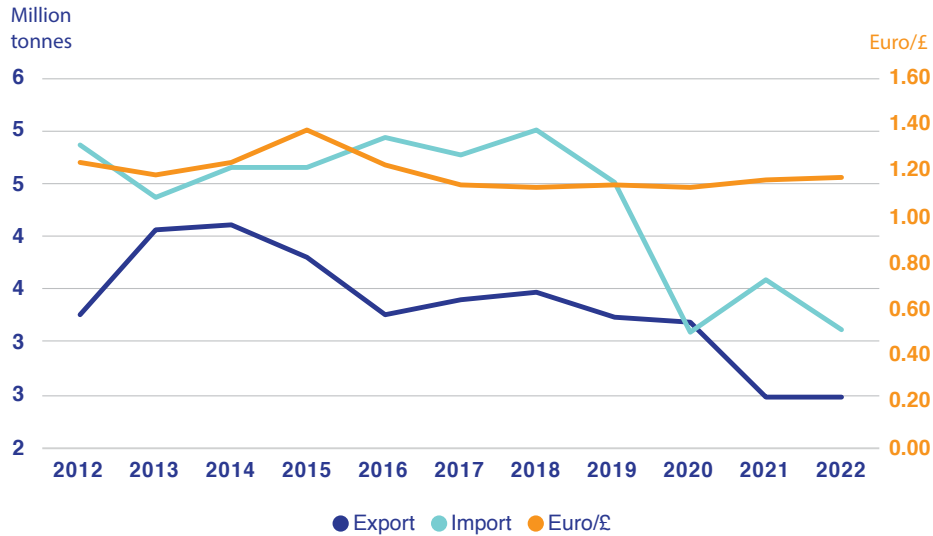
UK trade balance: steel mill products 2012-2022



UK demand for steel mill products 2012-2022



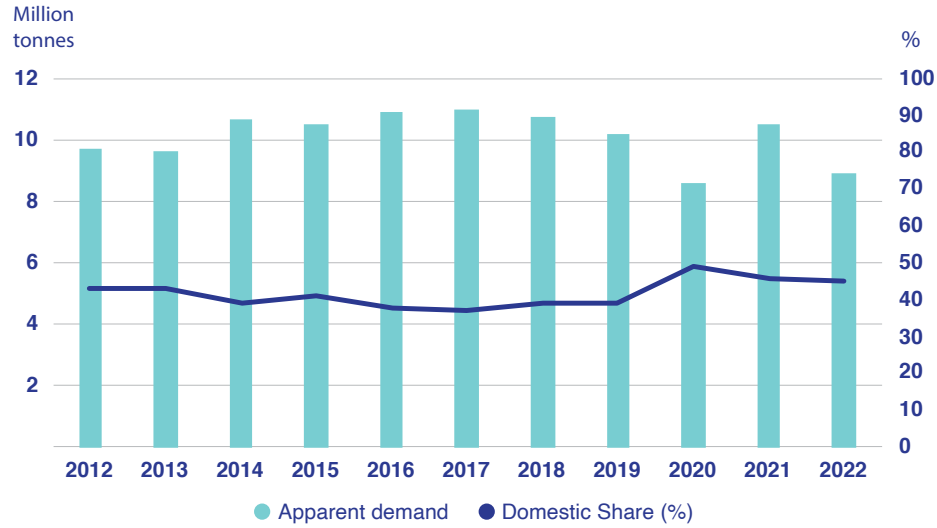
UK trade with EU countries 2012-2022



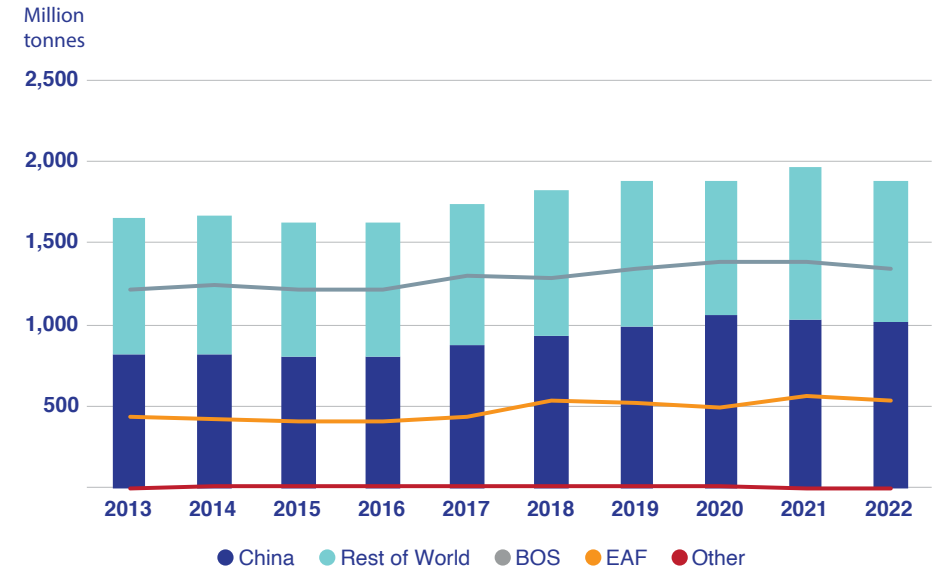
UK steel requirement 2012-2022



### UK apparent demand & domestic share - steel products 2012-2022

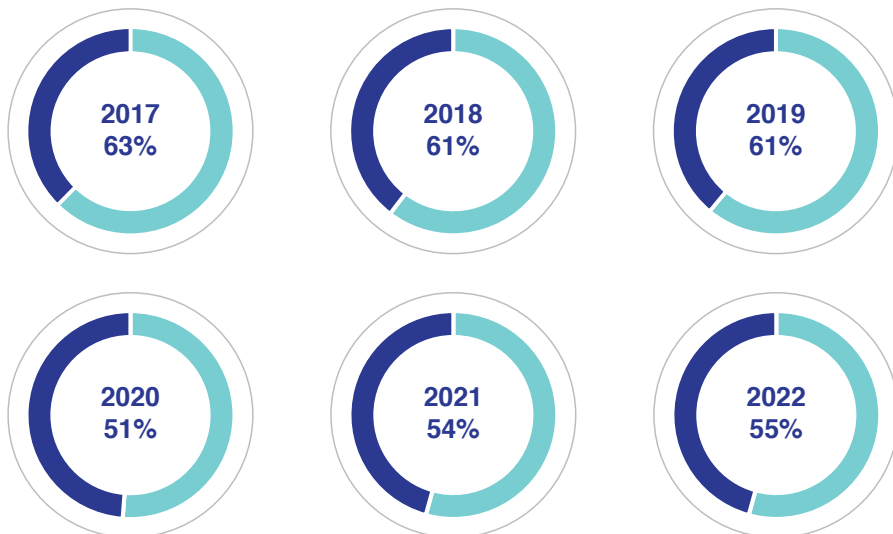


### World crude steel production 2013-2022

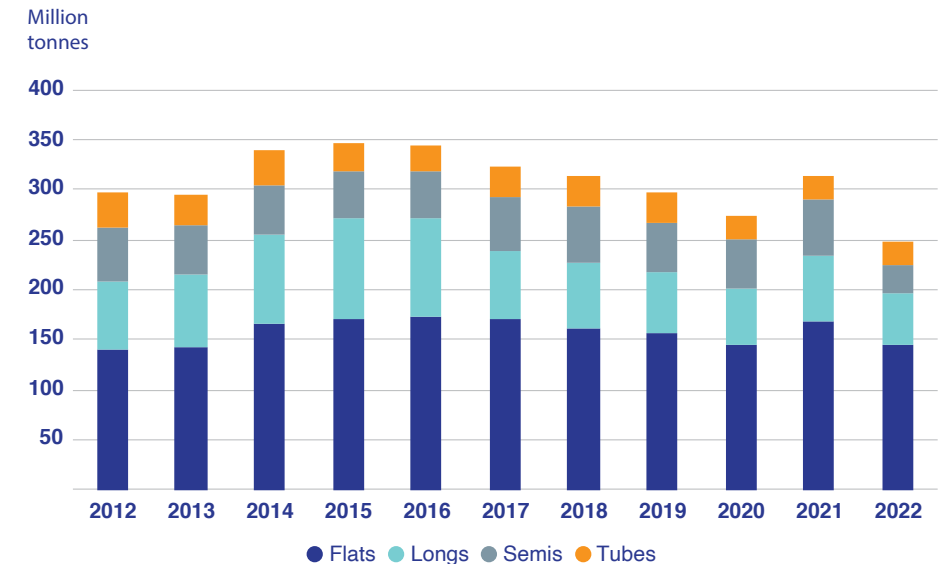


Source: Worldsteel

### Share of UK demand met through imports



### Global traded volumes 2012-2022



## World Top 10 Steel Exporters &amp; Importers

Steel Mill Products (Semis, Long & Flat Products, Tubes)			
	Million Tonnes		
Export	2021	2022	2021-2022
CHINA	62.2	63.8	3%
JAPAN	33.5	31.5	-6%
SOUTH KOREA	26.0	24.8	-5%
EU27	24.0	21.2	-12%
TURKEY	21.3	16.8	-21%
BRAZIL	11.4	12.0	5%
INDIA	19.4	11.1	-43%
TAIWAN	10.6	9.7	-8%
INDONESIA	9.8	9.1	-7%
USA	7.8	8.0	2%
OTHER	86.1	38.6	-55%
<b>Total</b>	<b>312.1</b>	<b>246.6</b>	<b>-21%</b>
* Excludes EU28/27 Internal Trade			
Import	2021	2022	2021-2022
EU27	43.6	40.1	-8%
USA	28.0	27.2	-3%
CHINA	27.5	16.8	-39%
TURKEY	15.9	15.6	-2%
SOUTH KOREA	13.6	13.2	-3%
THAILAND	15.3	13.1	-15%
INDONESIA	10.0	10.9	10%
MEXICO	14.3	10.5	-26%
CANADA	9.4	8.9	-6%
PHILIPPINES	7.0	7.4	5%
OTHER	74.0	58.5	-21%
<b>Total</b>	<b>258.7</b>	<b>222.2</b>	<b>-14%</b>
* Excludes EU28/27 Internal Trade			

## Global apparent finished steel consumption by region 2013-2021

	2013		2020		% Change	2021		%Change
Region/ Country	Mt	Share	Mt	Share	2013-2020	Mt	Share	2013-2021
EU	132.9	9%	130.5	7%	-2%	153.9	8%	15.8%
Non-EU Europe	46.5	3%	44.9	3%	-3%	51.0	3%	10%
CIS	60.2	4%	57.6	3%	-4%	58.6	3%	-3%
NAFTA	134.8	9%	119.2	7%	-12%	141.9	8%	5%
Central & South America	47.9	3%	35.2	2%	-26%	45.7	2%	-5%
Africa	37.5	2%	36.7	2%	-2%	39.0	2%	4%
Middle East	53.1	3%	47.7	3%	-10%	50.0	3%	-6%
Asia Exc China	286.7	19%	303.7	17%	6%	339.7	18%	18%
China	741.4	48%	1006.3	56%	36%	952.0	52%	28%
Oceania	6.8	0%	6.1	0.3%	-10%	7.4	0.4%	8%
<b>World Total</b>	<b>1547.8</b>		<b>1787.9</b>		<b>16%</b>	<b>1839.0</b>		

Source: Worldsteel



## Crude steel production 2022

Million Tonnes

EU PRODUCERS	Total		
	2020	2021	2022
Germany (e)	35.7	40.2	36.8
Italy	20.4	24.4	21.6
France	11.6	13.9	12.1
Spain (e)	11.0	14.2	11.5
Poland	7.9	8.5	7.4
Austria	6.8	7.9	7.5
Belgium	6.1	6.9	6.0
Other EU	32.8	36.7	26.3
<b>Total EU27</b>	<b>132.2</b>	<b>152.8</b>	<b>136.2</b>

WORLD PRODUCERS	Total		
China	1,064.8	1,035.2	1,018.0
European Union (27)	132.2	152.8	136.2
Japan	83.2	96.3	89.2
India	100.3	118.2	125.1
United States	72.7	85.8	80.5
Russia	71.6	77.0	71.5
South Korea	67.1	70.4	65.9
Turkey	35.8	40.4	35.1
Brazil	31.4	36.1	34.0
Ukraine	20.6	21.4	6.3
Taiwan, China	21.0	23.2	20.8
Iran	29.0	28.3	30.6
Mexico	16.8	18.5	18.2
Canada	11.0	13.0	12.1
Vietnam	19.9	23.0	20.0
<b>World</b>	<b>1,881.4</b>	<b>1,957.8</b>	<b>1,884.1</b>

## Crude Steel Production by Process 2022

Million Tonnes

EU PRODUCERS	BOS	EAF	Other	Total
Germany (e)	25.9	11.0	0.0	36.8
Italy	3.5	18.1	0.0	21.6
France	8.2	3.9	0.0	12.1
Spain (e)	3.7	7.8	0.0	11.5
Poland	3.5	4.0	0.0	7.4
Austria	6.8	0.7	0.0	7.5
Belgium (e)	4.8	2.1	0.0	7.0
United Kingdom	4.8	1.1	0.0	6.0
Other EU	15.6	10.7	0.0	26.3
<b>European Union (27)</b>	<b>76.7</b>	<b>59.5</b>	<b>0.0</b>	<b>136.2</b>

WORLD PRODUCERS	BOS	EAF	Other	Total
China (e)	914.9	103.1	0.0	1,018.0
European Union (27)	76.7	59.5	0.0	136.2
Japan	65.4	23.8	0.0	89.2
India (2)	57.4	67.6	0.0	125.1
United States	25.0	55.6	0.0	80.5
Russia (e)	46.5	23.7	1.4	71.5
South Korea	45.1	20.8	0.0	65.9
Turkey	10.0	25.1	0.0	35.1
Brazil	25.6	8.0	0.4	34.0
Ukraine (e)	4.1	0.7	1.5	6.3
Taiwan, China	12.4	8.4	0.0	20.8
Iran	2.5	28.1	0.0	30.6
Mexico	2.9	15.3	0.0	18.2
Canada	6.5	5.6	0.0	12.1
Vietnam	13.3	3.2	3.6	20.0
<b>World (3)</b>	<b>1,340.1</b>	<b>538.1</b>	<b>5.8</b>	<b>1,884.1</b>

e - estimate

Source: Worldsteel

(2) - BOS includes Open Hearth

(3) - the countries listed in this table accounted for more than 99% of world crude steel production in 2017.

# UK STEEL

Powered by **MAKE**<sub>UK</sub>

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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