

Covering 2023

# European Steel in Figures

# 2024

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# About

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## About the European steel industry

The European steel industry is a world leader in innovation and environmental sustainability. It has a turnover of around €191 billion and directly employs 303,000 highly-skilled people, producing on average 140 million tonnes of steel per year. More than 500 steel production sites across 22 EU Member States provide direct and indirect employment to millions more European citizens. Closely integrated with Europe's manufacturing and construction industries, steel is the backbone for development, growth and employment in Europe.

Steel is the most versatile industrial material in the world. The thousands of different grades and types of steel developed by the industry make the modern world possible. Steel is 100% recyclable and therefore is a fundamental part of the circular economy. As a basic engineering material, steel is also an essential factor in the development and deployment of innovative, CO<sub>2</sub>-mitigating technologies, improving resource efficiency and fostering sustainable development in Europe.

## About EUROFER

EUROFER AISBL is located in Brussels and was founded in 1976. It represents the entirety of steel production in the European Union. EUROFER full members are steel companies and national steel federations throughout the EU. The major steel companies and national steel federations of Turkey, Ukraine and the United Kingdom are also members.

The European Steel Association is recorded in the EU transparency register: 93038071152-83. VAT: BE0675653894. The RLE or RPM is Brussels.

## About the European Steel in Figures 2024 guide

### Disclaimer

The European Steel in Figures guide is the European Steel Association's (EUROFER) annual statistical publication, which is created and issued free of charge. Now in its 16th edition, this publication gives an overview of the key statistical trends in the sector. The statistics presented here are for information only.

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**NOTE:** for the purpose of the European Steel in Figures Guide 2024, please note that since the 2022 edition, EU refers to EU27 instead of EU28, as from 1 January 2021 data for the UK has no longer been included in the EU aggregate subsequently to Brexit. For the sake of consistency, all historical data have been revised accordingly and now, when mentioned, EU aggregate data always refer to EU27.

# Employment & economic impact

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# Employment & GVA in the EU steel industry

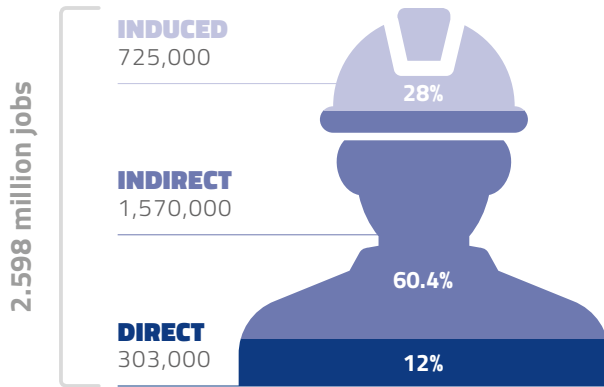
Direct, indirect & induced employment & GVA in the EU steel industry

## EMPLOYMENT

GRAPHIC • 2023

SOURCE: OXFORD ECONOMICS

The EU steel industry supports nearly 2.6 million jobs

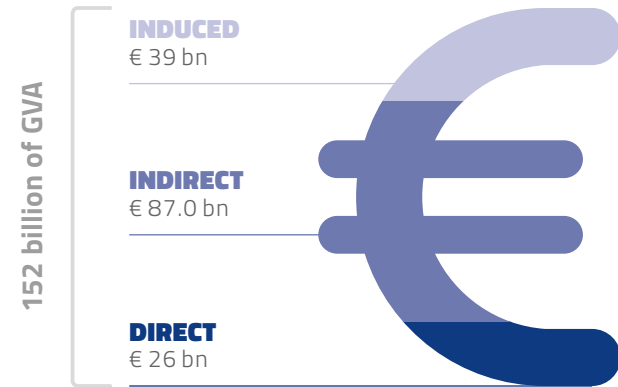


## GROSS VALUE ADDED

GRAPHIC • 2023

SOURCE: OXFORD ECONOMICS

The EU steel industry creates around €152 billion of Gross Value Added



	'Type I' multiplier	'Type II' multiplier
Multiplier for GVA	4	6
Multiplier for jobs	6	9

The 'type I' multiplier is the ratio of direct plus indirect activity to direct activity.

The 'type II' multiplier is the ratio of total activity to direct activity.



# Direct employment in the EU steel industry: by country

Employment by absolute numbers

## EMPLOYMENT PER COUNTRY IN DESCENDING ORDER

TABLE • 2024

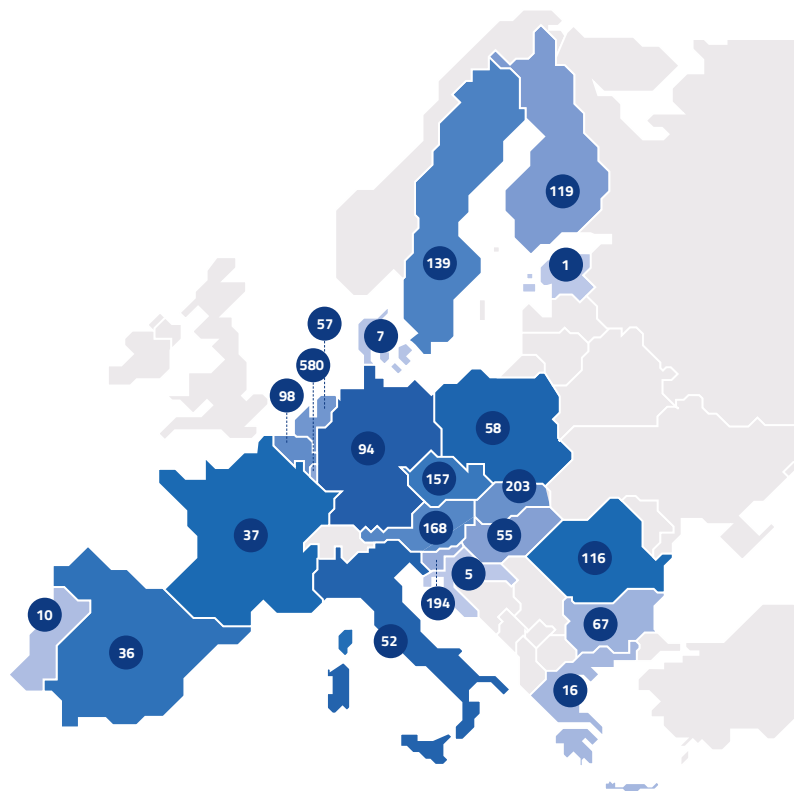
SOURCE: EUROFER

		2023	% shares 2023
1	GERMANY	79,500	26.19%
2	ITALY	30,864	10.17%
3	FRANCE	25,317	8.34%
4	ROMANIA	22,121	7.29%
5	POLAND	21,500	7.08%
6	SPAIN	17,150	5.65%
7	CZECH REPUBLIC	17,000	5.60%
8	AUSTRIA	15,300	5.04%
9	SWEDEN	14,673	4.83%
10	BELGIUM	11,539	3.80%
11	SLOVAKIA	11,045	3.64%
12	NETHERLANDS	10,079	3.32%
13	FINLAND	6,624	2.18%
14	HUNGARY	5,300	1.75%
15	BULGARIA	4,290	1.41%
16	SLOVENIA	4,100	1.35%
17	LUXEMBOURG	3,830	1.26%
18	GREECE	1,673	0.55%
19	PORTUGAL	1,000	0.33%
20	DENMARK	426	0.14%
21	CROATIA	180	0.06%
22	ESTONIA	9	0.00%
23	EU 27	303,520	
	<b>TOTAL</b>	<b>303,520</b>	<b>100,0%</b>

## EMPLOYMENT IN STEEL PER 100,000 PEOPLE

MAP • 2024

SOURCE: EUROFER



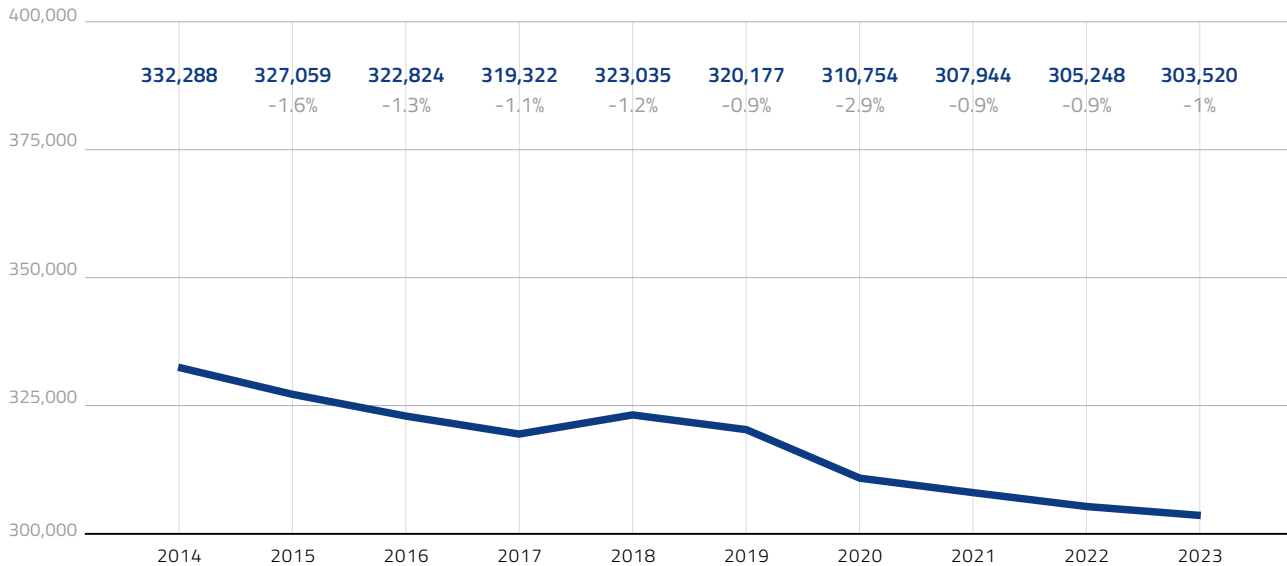
# Direct employment in the EU steel industry: by country

Employment by absolute numbers

## EMPLOYMENT: EVOLUTION

GRAPH ■ 2014 – 2023

SOURCE: EUROFER (steel companies + national steel companies and associations)



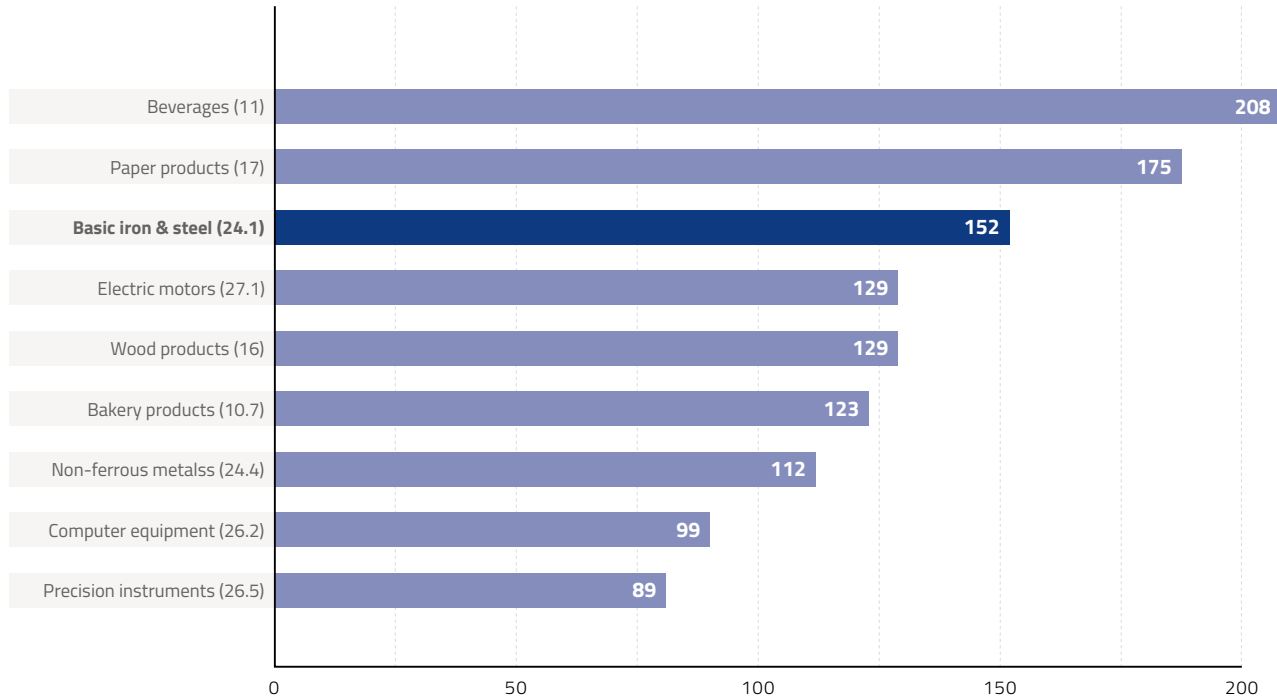
# Gross Value Added: Comparison

Value added ▪ in € '000,000

## VALUE OF PRODUCTION COMPARED WITH OTHER EU INDUSTRIES

CHART ▪ 2023

SOURCE: EUROSTAT – OXFORD ECONOMICS



# Production

EUROPEAN STEEL IN FIGURES **2024**

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# Crude steel production per region: World

All qualities • in '000 metric tonnes

**REGIONS IN DESCENDING ORDER OF CRUDE STEEL PRODUCTION** TABLE • 2023

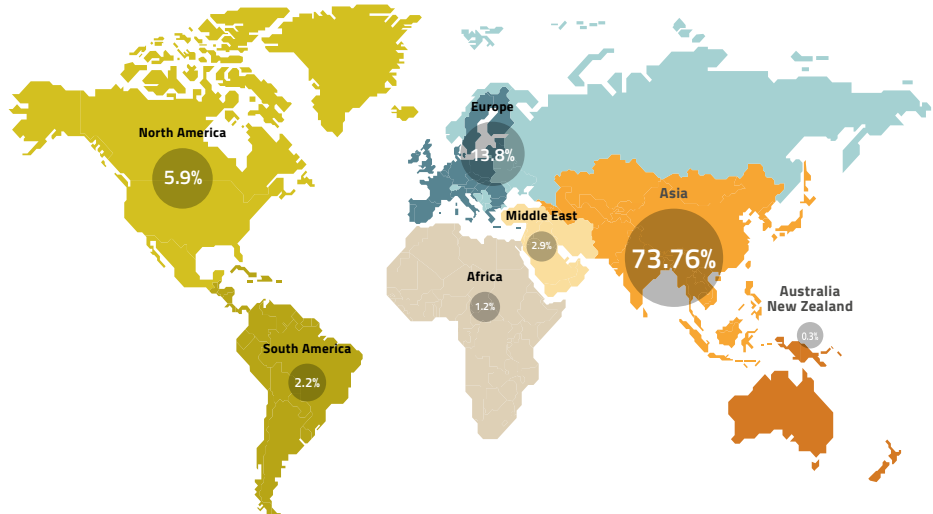
SOURCE: EUROFER

	2023	% shares 2023
<b>Asia and Oceania</b>	<b>1,361</b>	<b>73.6%</b>
▶ of which China	1019	55.1%
▶ of which India	141	7.6%
▶ of which Japan	87	4.7%
<b>Europe</b>	<b>256</b>	<b>13.8%</b>
▶ of which European Union 27	126	6.8%
▶ of which Ukraine and CIS	88	4.8%
<b>North America</b>	<b>110</b>	<b>5.9%</b>
of which United States	81	4.4%
<b>South America</b>	<b>42</b>	<b>2.2%</b>
<b>Middle East</b>	<b>53</b>	<b>2.9%</b>
<b>Africa</b>	<b>22</b>	<b>1.2%</b>
<b>Australia/New Zealand</b>	<b>6</b>	<b>0.3%</b>
<b>WORLD</b>	<b>1,850</b>	<b>100%</b>

**MAP OF STEEL PRODUCTION BY REGION**

MAP • 2023

SOURCE: EUROFER



# Crude steel production per country: EU

All qualities • in '000 metric tonnes

## EU COUNTRIES IN DESCENDING ORDER OF CRUDE STEEL PRODUCTION

TABLE • 2023

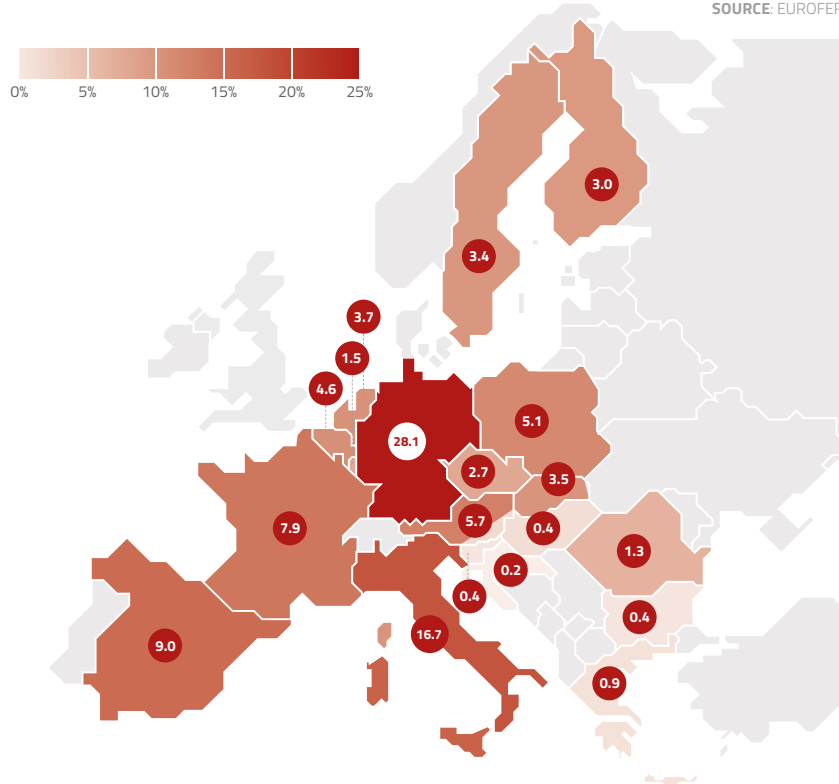
SOURCE: EUROFER

		% shares	
	2023	2023	
1	GERMANY	35,438	28.1%
2	ITALY	21,055	16.7%
3	SPAIN	11,352	9.0%
4	FRANCE	10,011	7.9%
5	AUSTRIA	7,133	5.7%
6	POLAND	6,428	5.1%
7	BELGIUM	5,864	4.6%
8	NETHERLANDS	4,676	3.7%
9	SLOVAKIA	4,377	3.5%
10	SWEDEN	4,235	3.4%
11	FINLAND	3,811	3.0%
12	CZECH PUBLIC	3,369	2.7%
13	OTHERS	2,040	1.6%
14	LUXEMBOURG	1,900	1.5%
15	ROMANIA	1,622	1.3%
16	GREECE	1,181	0.9%
17	SLOVENIA	549	0.4%
18	BULGARIA	489	0.4%
19	HUNGARY	477	0.4%
20	CROATIA	212	0.2%
	<b>TOTAL</b>	<b>126,219</b>	<b>100%</b>

## EU COUNTRIES SHOWN BY RELATIVE SIZE OF CRUDE STEEL PRODUCTION

MAP • 2023

SOURCE: EUROFER



# Crude steel production per country: EU

All qualities • in '000 metric tonnes

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## CRUDE STEEL OUTPUT PER COUNTRY

TABLE ■ 2019 – 2023

SOURCE: EUROFER

	2019	2020	2021	2022	2023	% shares 2023
AUSTRIA	7,424	6,765	7,884	7,512	7,133	5.70%
BELGIUM	7,760	6,119	6,909	7,030	5,864	4.60%
BULGARIA	566	484	548	482	489	0.40%
CROATIA	69	45	185	169	212	0.20%
CZECH REPUBLIC	4,550	4,450	4,788	4,262	3,369	2.70%
FINLAND	3,473	3,498	4,340	3,538	3,811	3.00%
FRANCE	14,451	11,596	13,947	12,234	10,011	7.90%
GERMANY	39,627	35,679	40,241	36,860	35,438	28.10%
GREECE	1,350	1,308	1,498	1,543	1,181	0.90%
HUNGARY	1,769	1,513	1,100	857	477	0.40%
ITALY	23,190	20,379	24,412	21,599	21,055	16.70%
LUXEMBOURG	2,119	1,886	2,073	1,875	1,900	1.50%
NETHERLANDS	6,657	6,054	6,620	6,143	4,676	3.70%
POLAND	8,956	7,856	8,454	7,407	6,428	5.10%
ROMANIA	3,448	2,790	3,375	2,625	1,622	1.30%
SLOVAKIA	3,931	3,444	4,863	3,872	4,377	3.50%
SLOVENIA	669	623	701	623	549	0.40%
SPAIN	13,503	11,142	14,234	11,464	11,352	9.00%
SWEDEN	4,699	4,383	4,657	4,382	4,235	3.40%
OTHERS	2,033	2,203	1,953	1,855	2,040	1.60%
<b>TOTAL</b>	<b>150,244</b>	<b>132,217</b>	<b>152,782</b>	<b>136,332</b>	<b>126,219</b>	<b>100%</b>



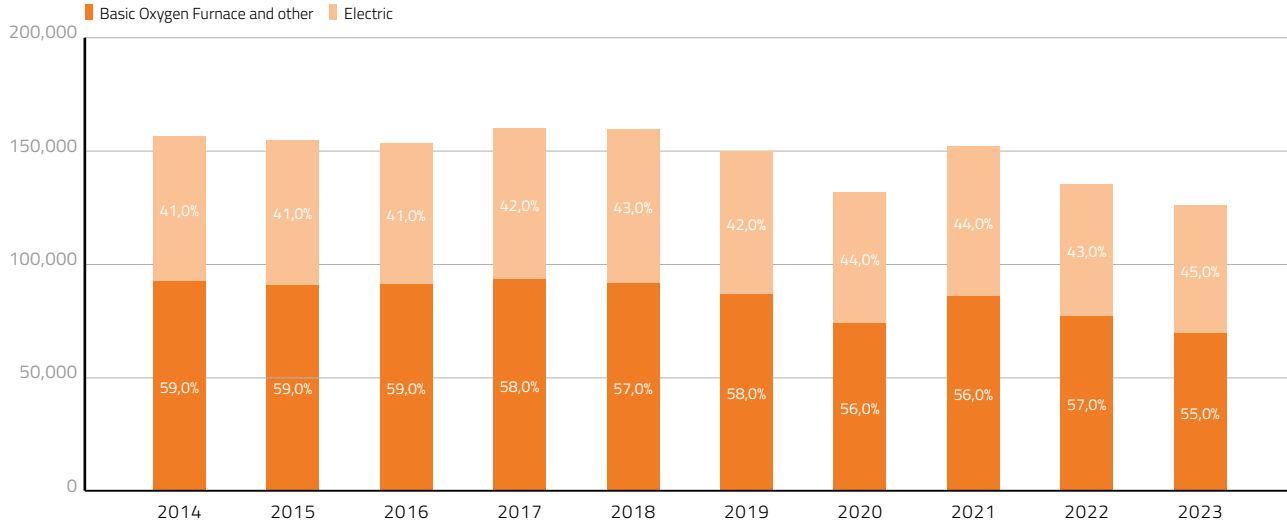
# EU crude steel production: by process

## EU CRUDE STEEL OUTPUT BY PRODUCTION ROUTE

TABLE, CHART • 2014 – 2023

SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
Basic Oxygen Furnace and other	92,946	91,526	91,489	93,928	91,937	86,655	74,189	86,261	77,389	69,783	55.0%
Electric	64,119	63,603	62,809	66,941	68,129	63,589	58,018	66,521	58,943	56,422	45.0%
<b>Total Crude Steel</b>	<b>157,065</b>	<b>155,129</b>	<b>154,298</b>	<b>160,869</b>	<b>160,066</b>	<b>150,244</b>	<b>132,217</b>	<b>152,782</b>	<b>136,332</b>	<b>126,219</b>	<b>100%</b>



# EU crude steel production: by quality

All qualities • in '000 metric tonnes

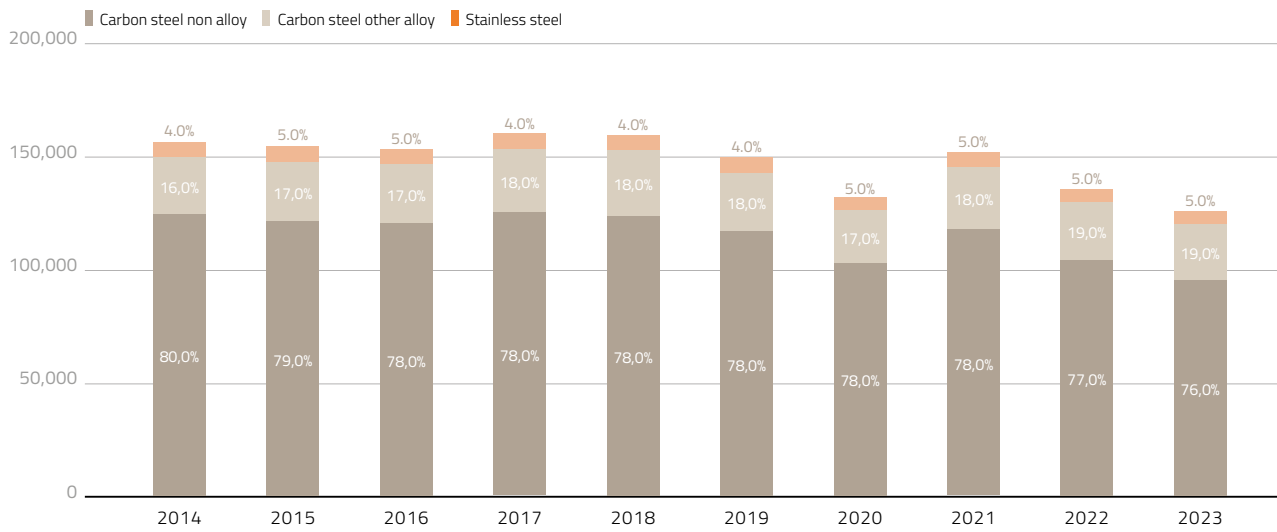
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## EU CRUDE STEEL OUTPUT BY QUALITY

TABLE, CHART • 2014 – 2023

SOURCE: EUROFER

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% shares 2023
Carbon steel non alloy	125,055	122,269	121,039	125,407	124,163	117,144	103,244	118,425	104,993	96,106	76.0%
Carbon steel other alloy	25,063	25,944	2,6264	28,396	28,808	26,528	22,851	27,403	25,241	24,399	19.0%
Stainless steel	6,947	6,915	6,996	7,066	7,095	6,573	6,122	6,953	6,097	5,713	5.0%
<b>Total Crude Steel</b>	<b>157,065</b>	<b>155,129</b>	<b>154,298</b>	<b>160,869</b>	<b>160,066</b>	<b>150,244</b>	<b>132,217</b>	<b>152,782</b>	<b>136,332</b>	<b>126,219</b>	<b>100%</b>



# EU finished steel production: by product category

## EU TOTAL FINISHED STEEL PRODUCTION BY PRODUCT

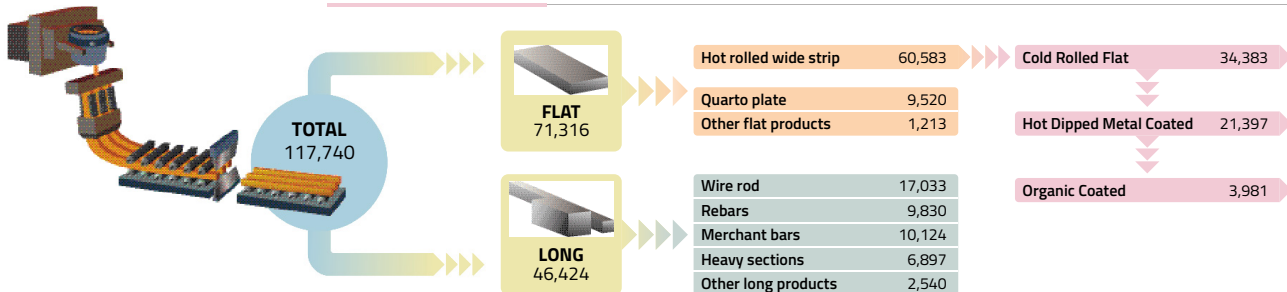
TABLE, CHART • 2014 – 2023

SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Hot Rolled</b>	<b>144,052</b>	<b>142,874</b>	<b>143,653</b>	<b>147,772</b>	<b>148,478</b>	<b>139,221</b>	<b>123,649</b>	<b>140,661</b>	<b>125,364</b>	<b>117,740</b>
▶ of which flat products	89,328	87,746	88,538	91,747	91,481	85,082	74,720	84,480	74,849	71,316
▶ Quarto Plate	10,860	10,350	10,383	10,994	11,024	10,109	9,137	10,142	10,039	9,520
▶ Hot Rolled Wide Strip	77,074	76,053	76,734	79,256	78,977	73,578	64,339	72,948	63,592	60,583
▶ Other flat products	1,395	1,344	1,422	1,498	1,480	1,395	1,244	1,389	1,218	1,213
▶ of which long products	54,723	55,128	55,115	56,025	56,997	54,139	48,929	56,182	49,589	46,424
▶ Wire Rod	19,192	19,776	19,510	20,479	21,067	20,175	18,386	21,721	18,737	17,033
▶ Rebars	12,708	12,454	12,852	12,195	12,320	12,457	11,321	12,157	10,835	9,830
▶ Merchant Bars	11,869	11,664	11,535	12,146	12,285	10,833	9,515	11,535	10,396	10,124
▶ Heavy Sections	8,024	8,210	8,573	8,568	8,605	8,013	7,172	8,087	7,157	6,897
▶ Other long products	2,931	3,025	2,646	2,636	2,719	2,662	2,535	2,682	2,464	2,540

### Products obtained from upstream production – from Hot Rolled Wide Strip

▶ Cold Rolled Flat	42,357	42,616	43,551	44,641	43,643	41,320	36,058	41,282	35,464	34,383
▶ Hot Dipped	25,703	26,223	26,599	27,292	26,836	25,851	22,545	24,584	21,531	21,397
▶ Organic Coated	4,269	4,271	4,530	4,636	4,619	4,826	4,722	5,252	4,397	3,981



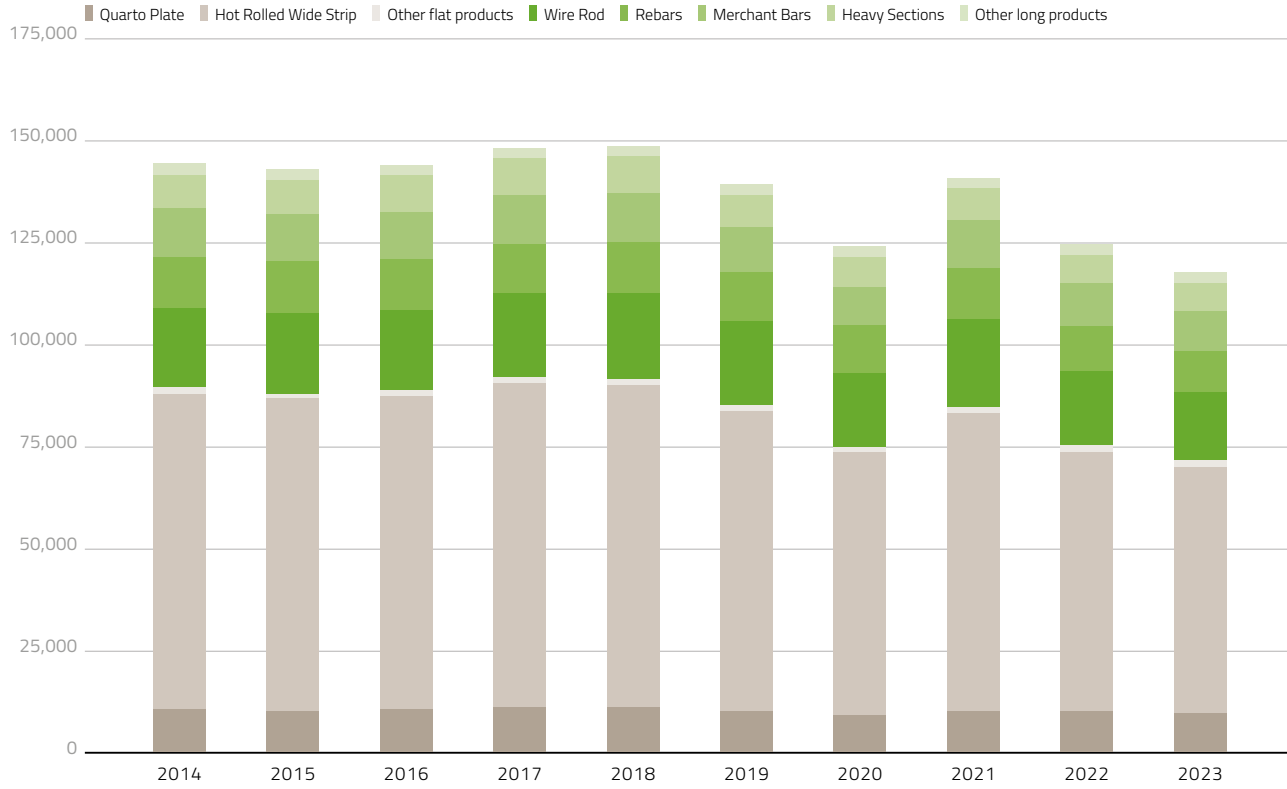
# EU Hot Rolled finished steel production: by product category

All qualities • in '000 metric tonnes

## EU HOT ROLLED FINISHED STEEL PRODUCTION

CHART • 2014 – 2023

SOURCE: EUROFER







# Map of steel production in Europe

## PRIMARY AND SECONDARY STEEL PRODUCTION ACROSS THE EU

MAP • 2023

SOURCE: EUROFER

-  Blast Furnace & Basic Oxygen Furnace
-  Blast Furnace only
-  Basic Oxygen Furnace only
-  Electric Arc Furnace



# Steel use & market supply

EUROPEAN STEEL IN FIGURES 2024

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# Consumption: Real and apparent steel consumption

All products, all qualities • in '000 metric tonnes

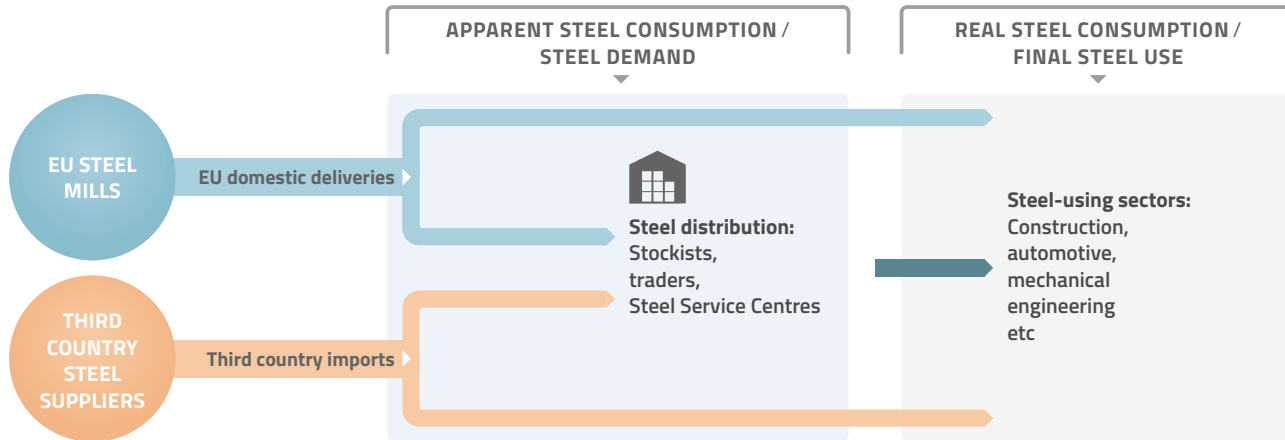
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## ROUTES TO MARKET OR FINAL USE OF STEEL PRODUCTS

DIAGRAM

SOURCE: EUROFER

Steel used in the EU is a mix of domestic production & imports from third countries



EU steel mills and third country steel suppliers deliver steel products to the EU steel market.

The steel market has different levels. Steel products can be sold 'indirectly' to operators in steel distribution or sold 'directly' to steel-using sectors.

Operators in **steel distribution** include steel service centres, stockists and traders. They stock and sell products. Service centres and stockists provide additional services to **steel-using sectors** such as

cutting, slitting, drilling, bending, etc. Inventory levels in steel distribution vary over time, reflecting seasonal demand patterns and – to some extent – speculation.

**Apparent steel consumption** – often referred to as steel demand or market supply – is the total of all steel delivered to the steel market, including steel products that are being stocked rather than consumed immediately by the steel-using sectors.

**Real steel consumption** – or final steel use – is the quantity of steel that actually is consumed by steel using sectors in their production processes.

The difference between real and apparent steel consumption is the change in steel inventories over a given period.



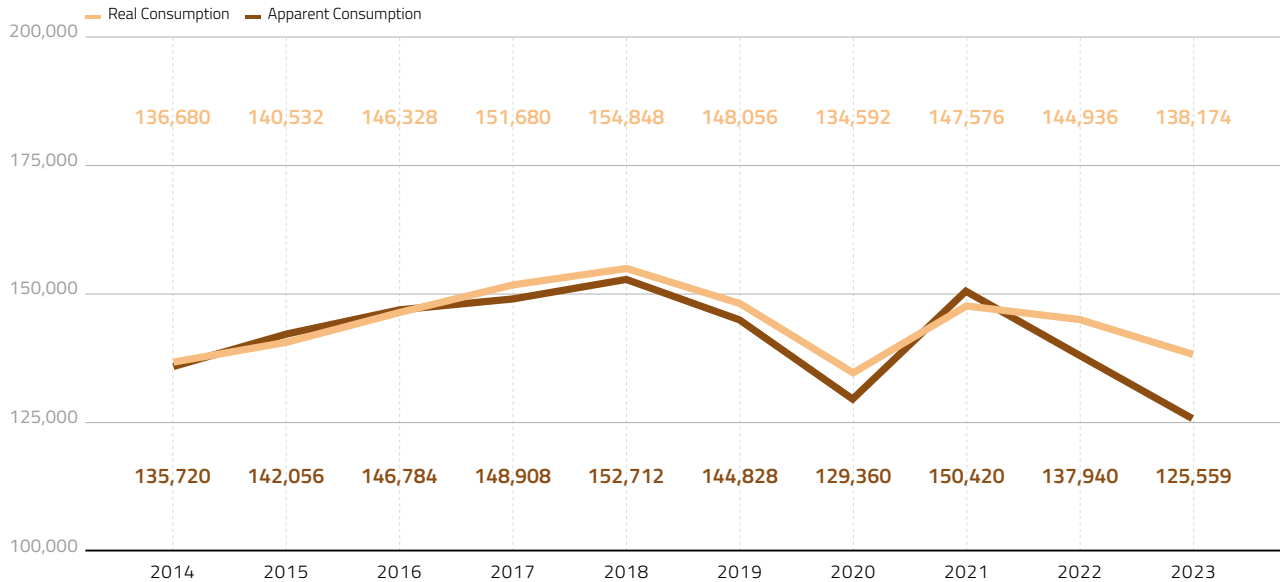
# Consumption: Real & apparent steel consumption

All products, all qualities • in '000 metric tonnes

## REAL VS APPARENT CONSUMPTION

GRAPH • 2014 – 2023

SOURCE: EUROFER



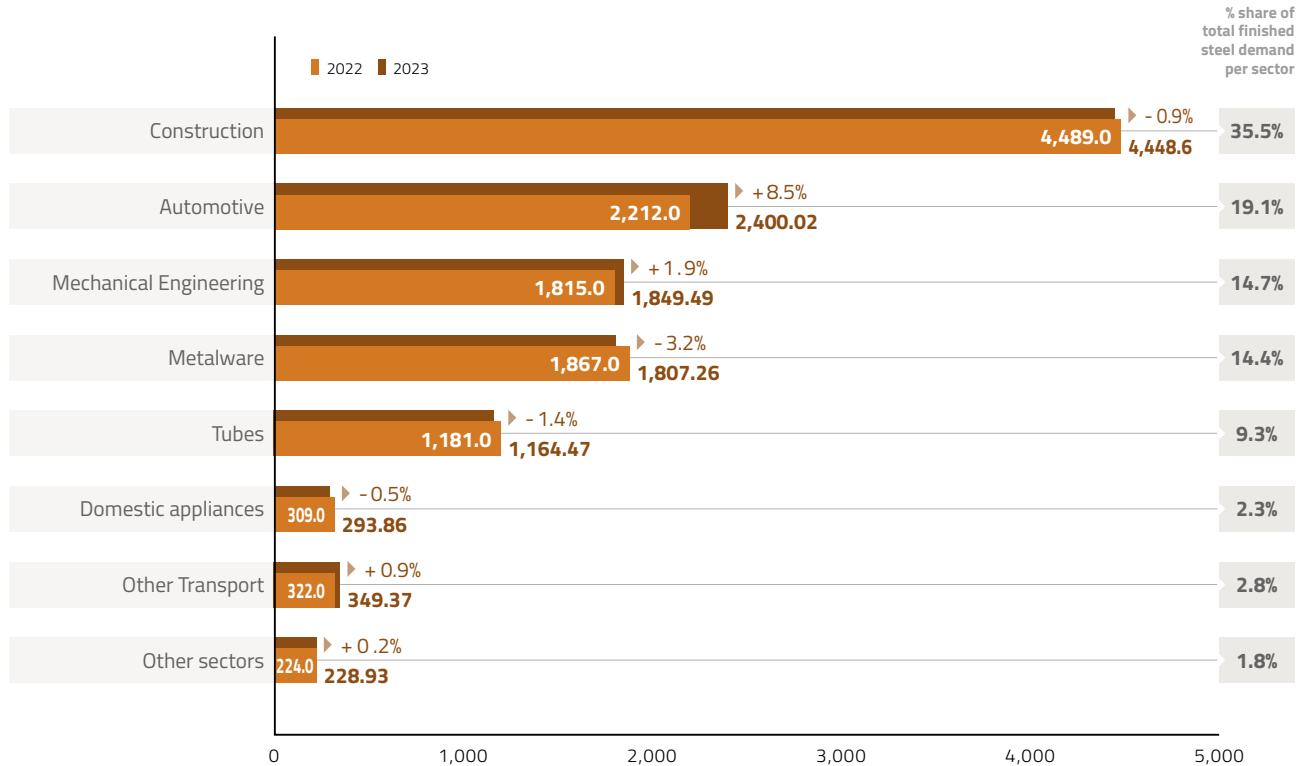
# Consumption: by sector of economic activity

All products, all qualities ▪ in '000 monthly metric tonnes

## STEEL CONSUMPTION PER STEEL-USING SECTOR

CHART ▪ 2022 – 2023

SOURCE: EUROFER



Notes:

Please note that the breakdown of steel consumption by sector does not fully match the overall steel consumption (as per page 25) as sectoral consumption is calculated using a different methodology. Please note that data for 2022 has been revised.

# Stock change

All products, all qualities • in '000 metric tonnes

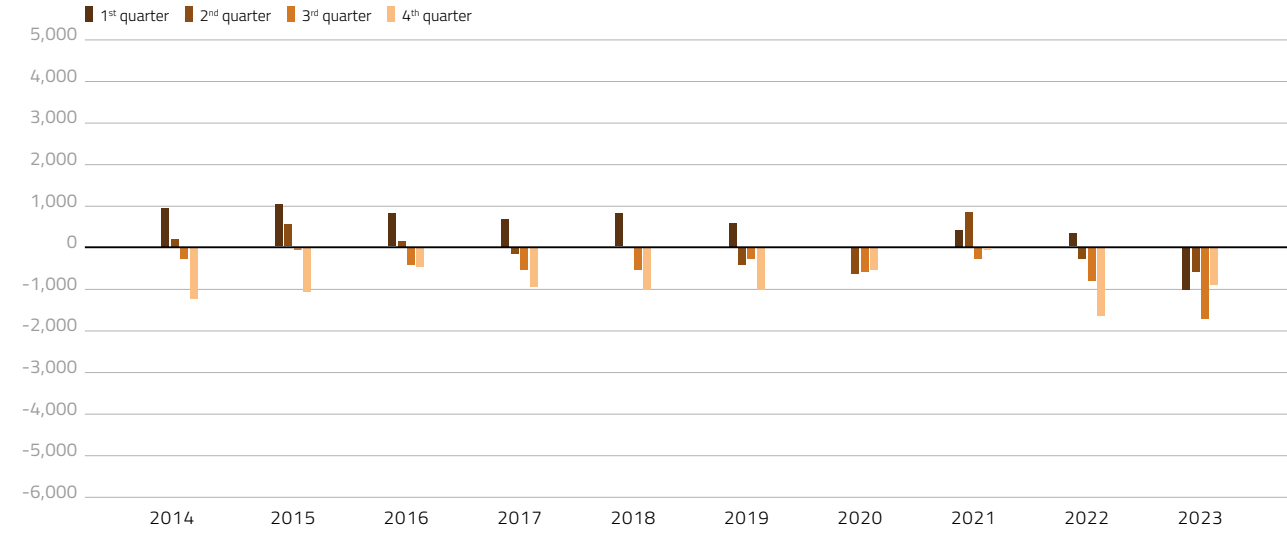
## STOCK CHANGE

TABLE ■ 2014 – 2023

SOURCE: EUROFER

Changes in stock levels explain the difference between real & apparent steel consumption

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1 <sup>st</sup> quarter	972	1,060	821	683	810	600	-3	414	334	-1,022
2 <sup>nd</sup> quarter	207	549	171	-123	10	-397	-645	869	-258	-561
3 <sup>rd</sup> quarter	-260	-34	-393	-540	-522	-271	-570	-270	-796	-1,732
4 <sup>th</sup> quarter	-1,237	-1,067	-449	-943	-1,011	-1,010	-527	-62	-1,614	-890



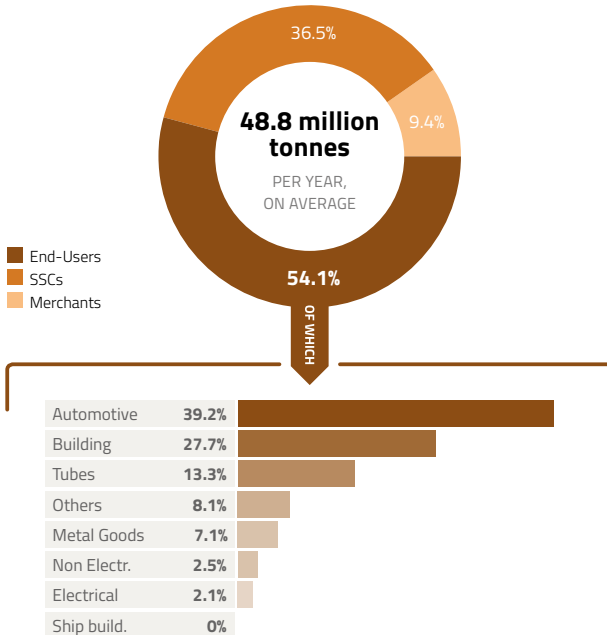
Consumption by steel-using sectors is calculated using the Steel-Weighted Industrial Production (SWIP) index, which is used to estimate changes in economic activity.

# Specific flat product deliveries: Strip mill products & quarto plate

## EU STRIP MILL PRODUCT DELIVERIES GRAPHIC • 2019/2023

SOURCE: EUROFER

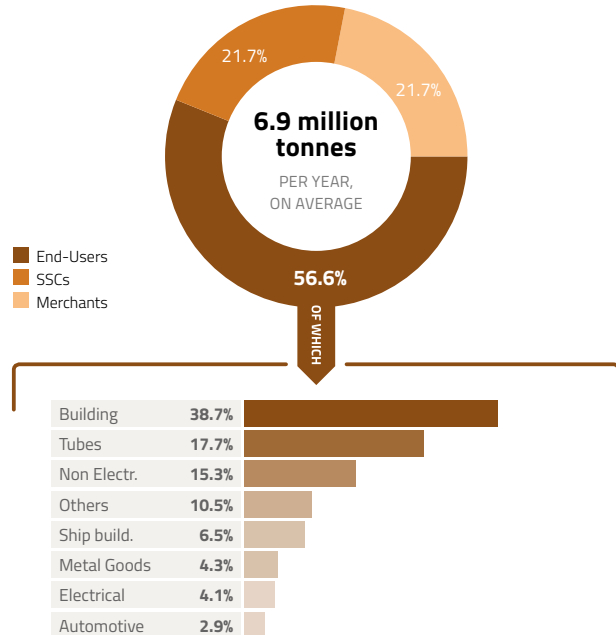
Strip mill products are flat products used in a variety of downstream applications.



## EU QUARTO PLATE DELIVERIES GRAPHIC • 2019/2023

SOURCE: EUROFER

Quarto plate is a thicker gauge of flat steel used in heavy applications.



## Market supply: Total flat products

Non-alloy and other alloy steels • in '000 metric tonnes

### TOTAL FLAT PRODUCTS

TABLE ■ 2014 – 2023

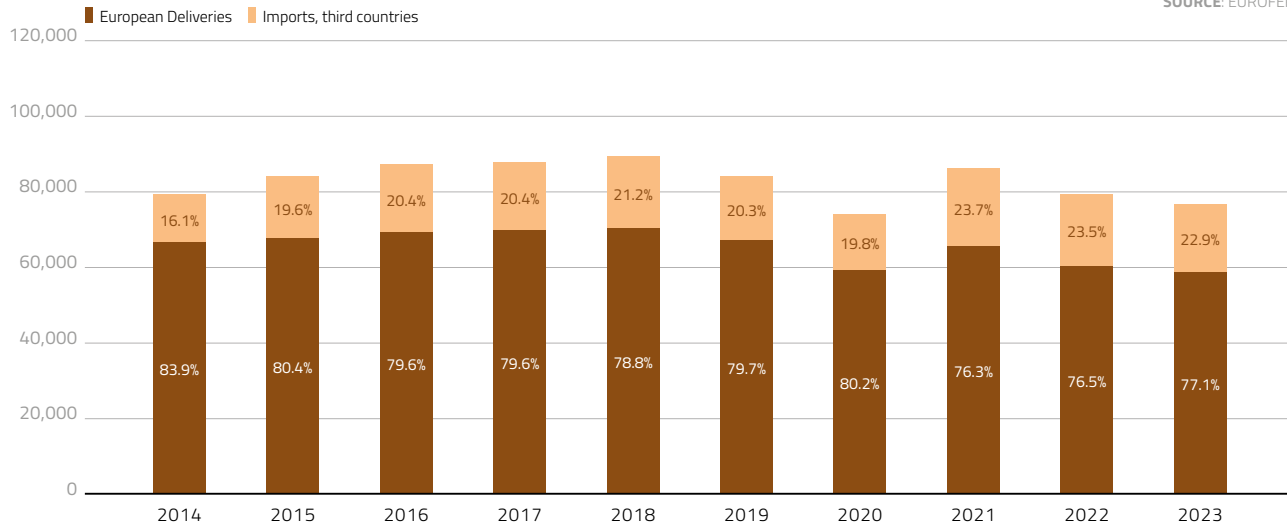
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
European Deliveries	66,730	67,533	69,379	69,988	70,452	67,172	59,467	65,783	60,588	59,065	77.1%
Imports third countries	12,766	16,514	17,784	17,934	18,966	17,114	14,649	20,459	18,642	17,533	22.9%
<b>Market Supply</b>	<b>79,495</b>	<b>84,047</b>	<b>87,163</b>	<b>87,922</b>	<b>89,417</b>	<b>84,287</b>	<b>74,116</b>	<b>86,242</b>	<b>79,230</b>	<b>76,599</b>	<b>100%</b>

### TOTAL FLAT PRODUCTS

CHART ■ 2014 – 2023

SOURCE: EUROFER



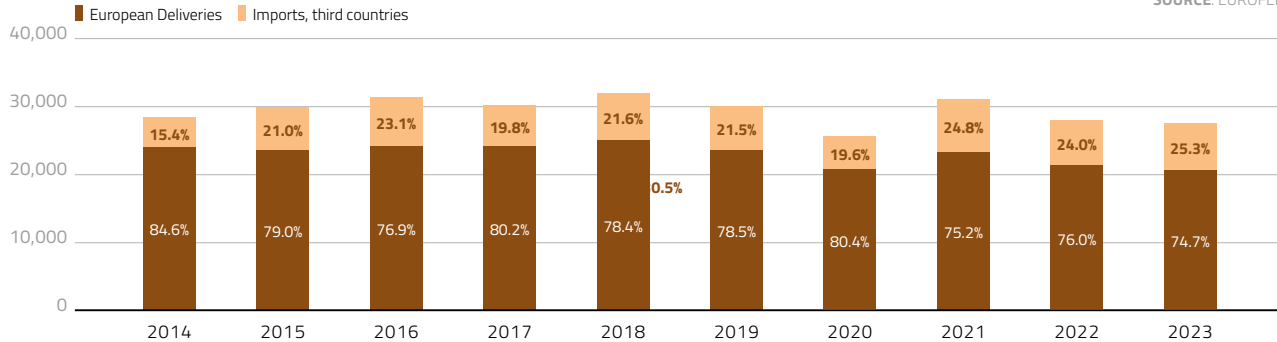
# Market supply: Hot rolled flat & cold rolled sheet

Non-alloy and other alloy steels • in '000 metric tonnes

## HOT ROLLED FLAT PRODUCTS

CHART • 2014 – 2023

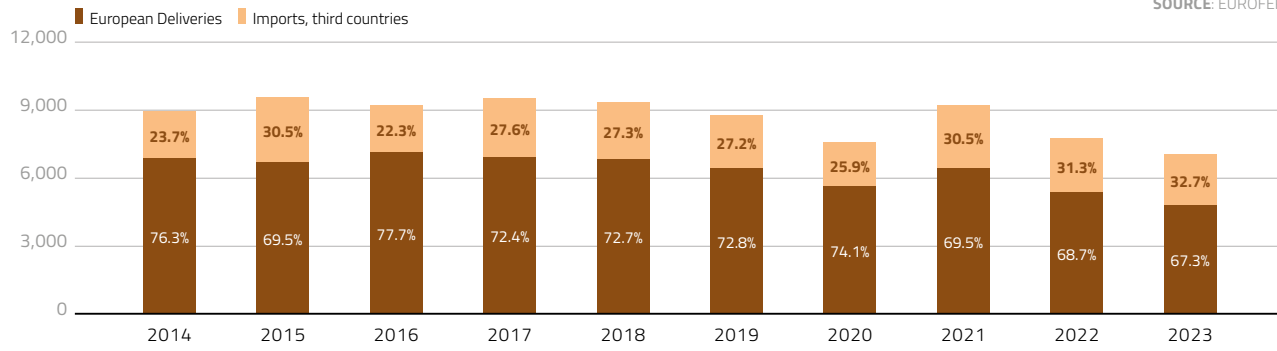
SOURCE: EUROFER



## COLD ROLLED SHEETS

CHART • 2014 – 2023

SOURCE: EUROFER



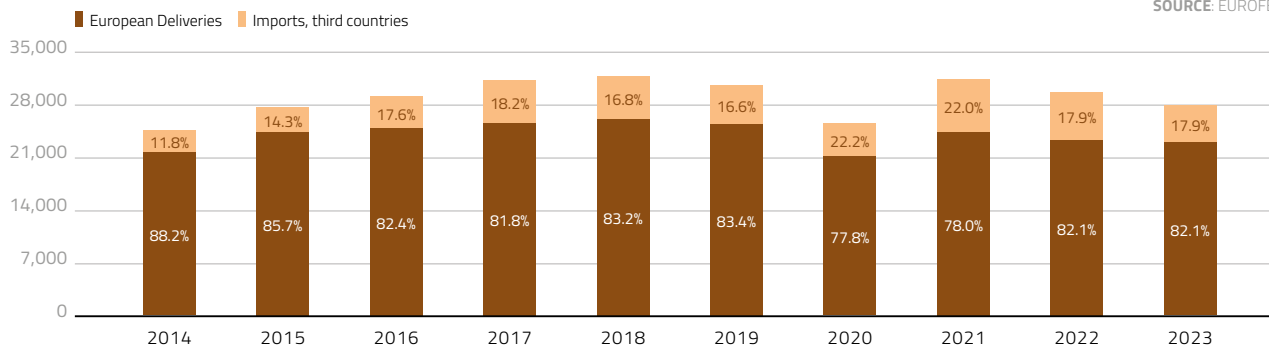
## Market supply: Coated sheets & quarto plate

Non-alloy and other alloy steels • in '000 metric tonnes

### TOTAL COATED SHEETS

CHART • 2014 – 2023

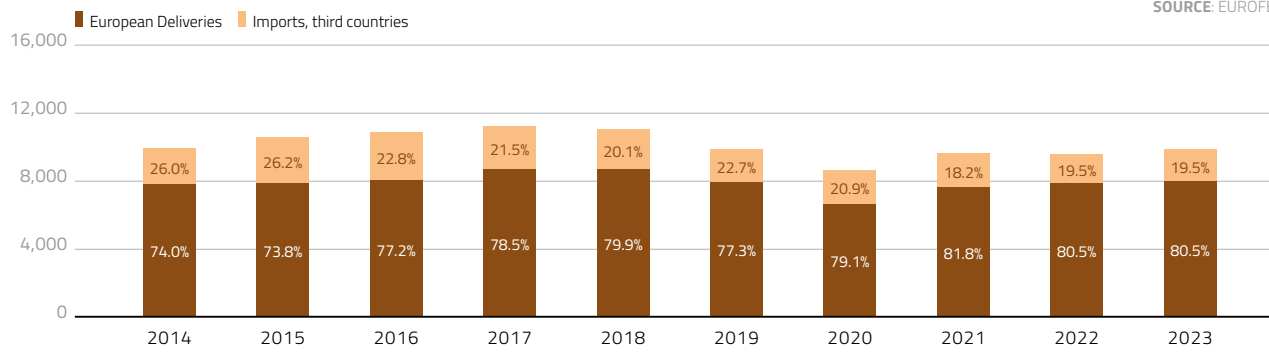
SOURCE: EUROFER



### QUARTO PLATE

CHART • 2014 – 2023

SOURCE: EUROFER



## Market supply: Total long products

Non-alloy and other alloy steels • in '000 metric tonnes

32

### TOTAL LONG PRODUCTS

TABLE ■ 2014 – 2023

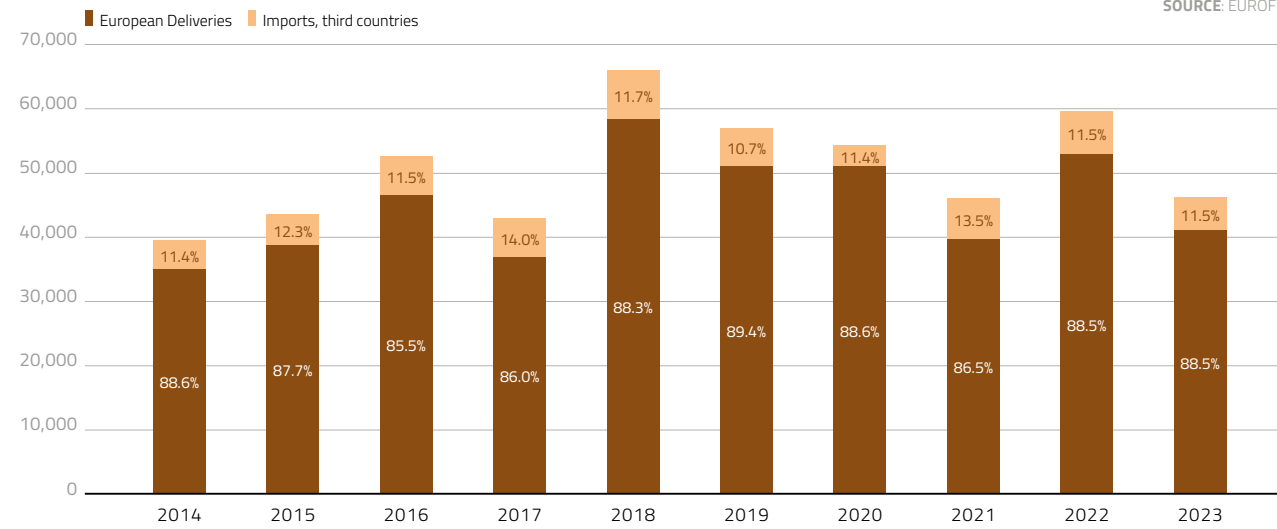
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
European Deliveries	34,997	38,531	46,397	36,857	58,165	50,933	48,233	39,764	52,723	41,002	88.5%
Imports, third countries	4,503	5,404	6,029	6,000	7,707	6,096	6,206	6,206	6,851	5,328	11.5%
<b>Market Supply</b>	<b>39,500</b>	<b>43,935</b>	<b>52,426</b>	<b>42,857</b>	<b>65,872</b>	<b>56,972</b>	<b>54,439</b>	<b>45,970</b>	<b>59,574</b>	<b>46,330</b>	<b>100%</b>

### TOTAL LONG PRODUCTS

CHART ■ 2014 – 2023

SOURCE: EUROFER





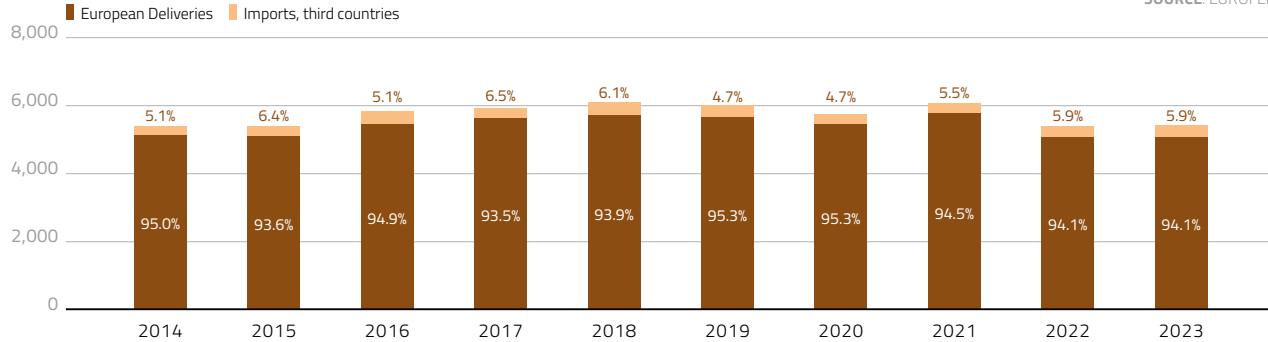
## Market supply: Beams & rebar

Non-alloy and other alloy steels • in '000 metric tonnes

### BEAMS

CHART • 2014 – 2023

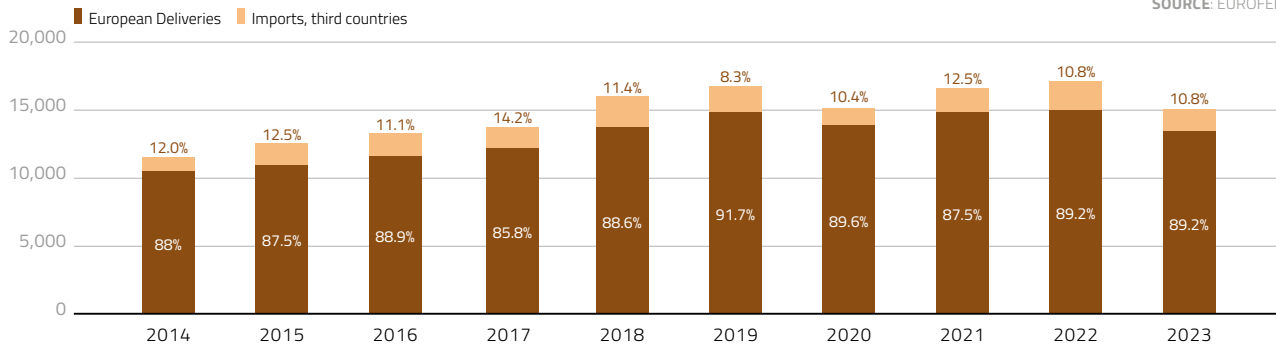
SOURCE: EUROFER



### REBAR, INCLUDING DEFORMED RODS

CHART • 2014 – 2023

SOURCE: EUROFER



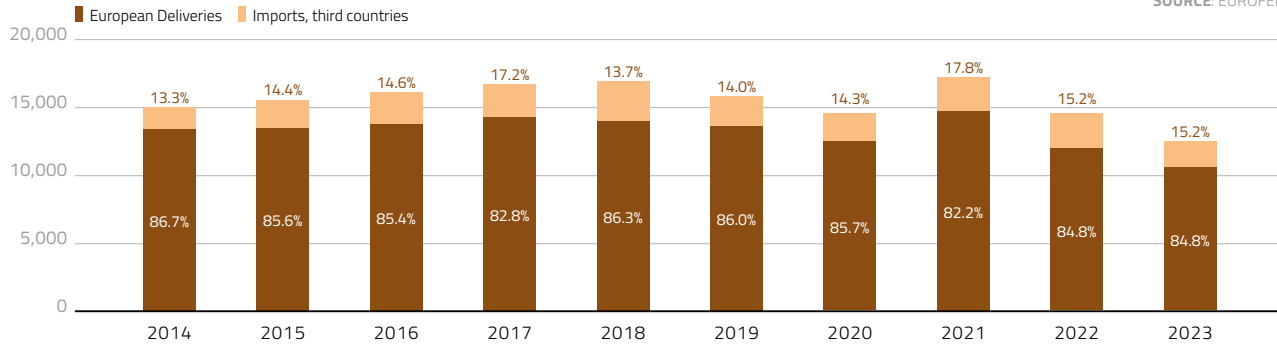
# Market supply: Wire rod & merchant bar

Non-alloy and other alloy steels • in '000 metric tonnes

## WIRE ROD, EXCLUDING DEFORMED RODS

CHART • 2014 – 2023

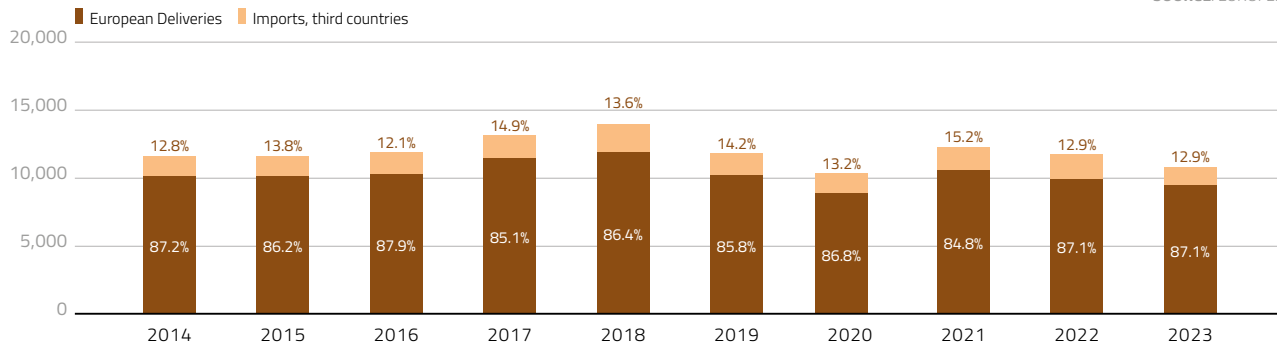
SOURCE: EUROFER



## MERCHANT BARS

CHART • 2014 – 2023

SOURCE: EUROFER



# International trade

EUROPEAN STEEL IN FIGURES 2024

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# Imports into the EU: Total

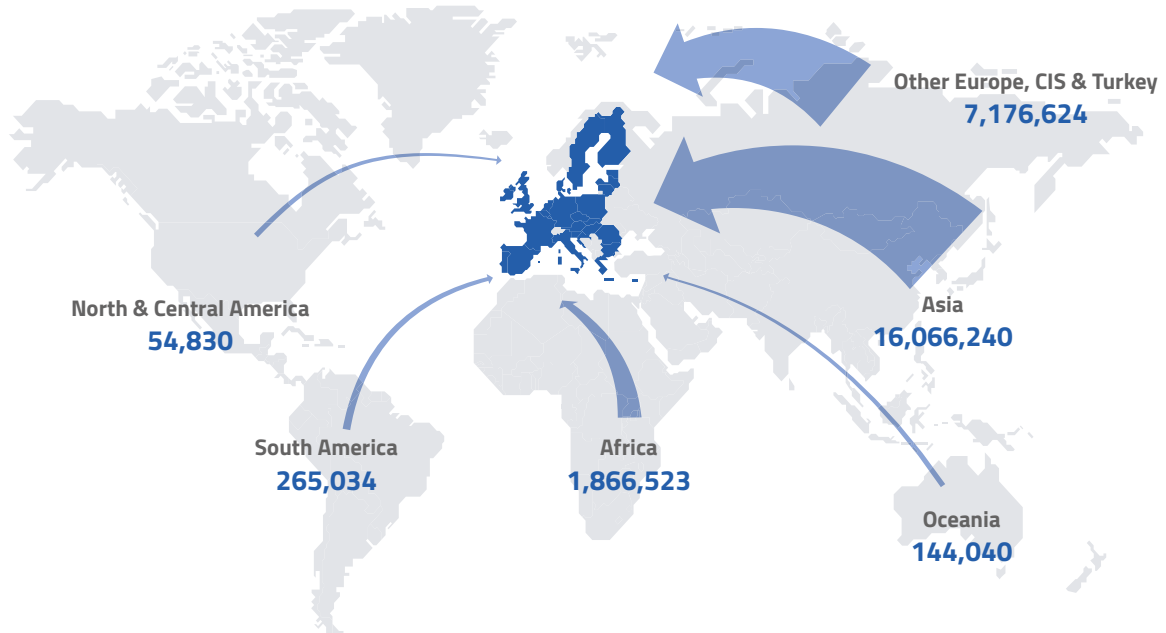
All qualities • in metric tonnes

## TOTAL IMPORTS INTO THE EU

MAP • 2023

SOURCE: EUROFER

The EU imported **26 million tonnes** of finished steel products in 2023



## Imports into the EU: Total

## TOTAL IMPORTS INTO THE EU

TABLE ■ 2014 – 2023

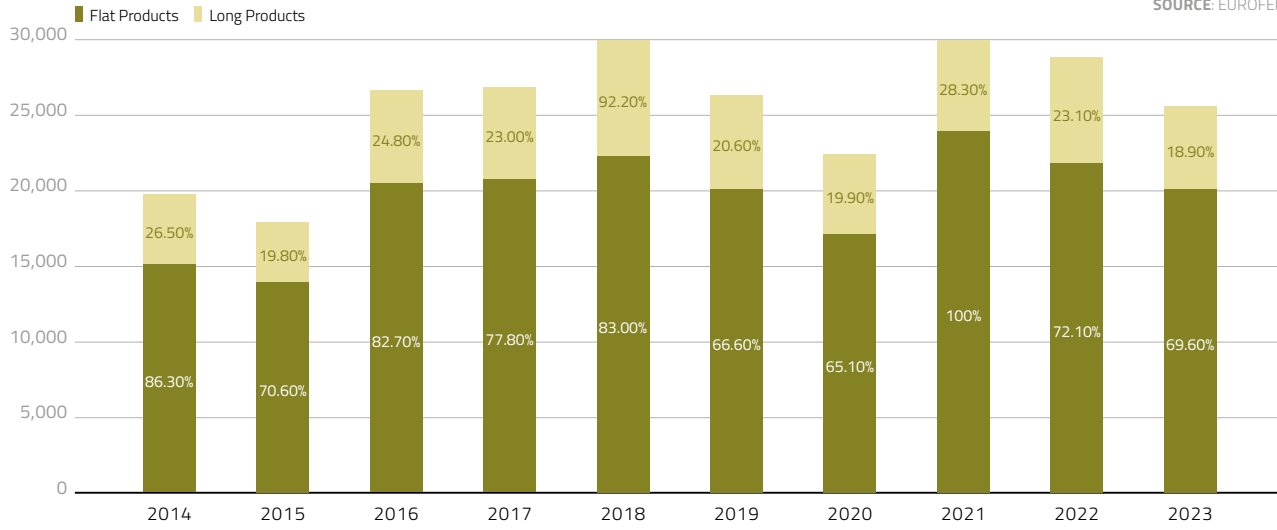
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
Flat Products	15,165	13,988	20,542	20,782	22,348	20,115	17,166	23,987	21,862	20,116	69.6%
Long Products	4,649	3,929	6,156	6,130	7,865	6,234	5,247	6,340	7,007	5,466	18.9%
Finished Products	17,566	19,817	24,853	26,700	26,912	30,213	26,349	22,413	30,328	28,902	100%

## TOTAL IMPORTS INTO THE EU

CHART ■ 2014 – 2023

SOURCE: EUROFER



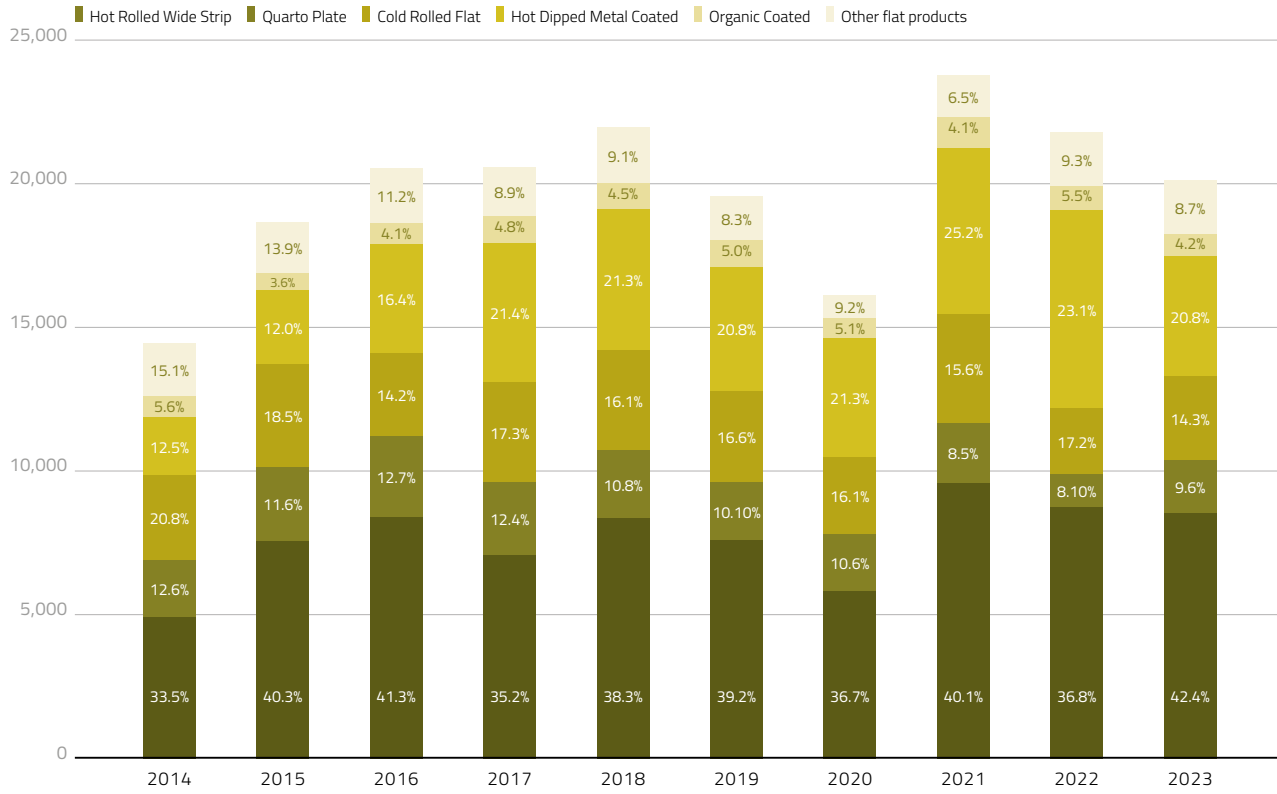
# Imports into the EU: Flat products

All qualities • in '000 metric tonnes

## FLAT PRODUCT IMPORTS INTO THE EU BY PRODUCT

CHART • 2014 – 2023

SOURCE: EUROFER

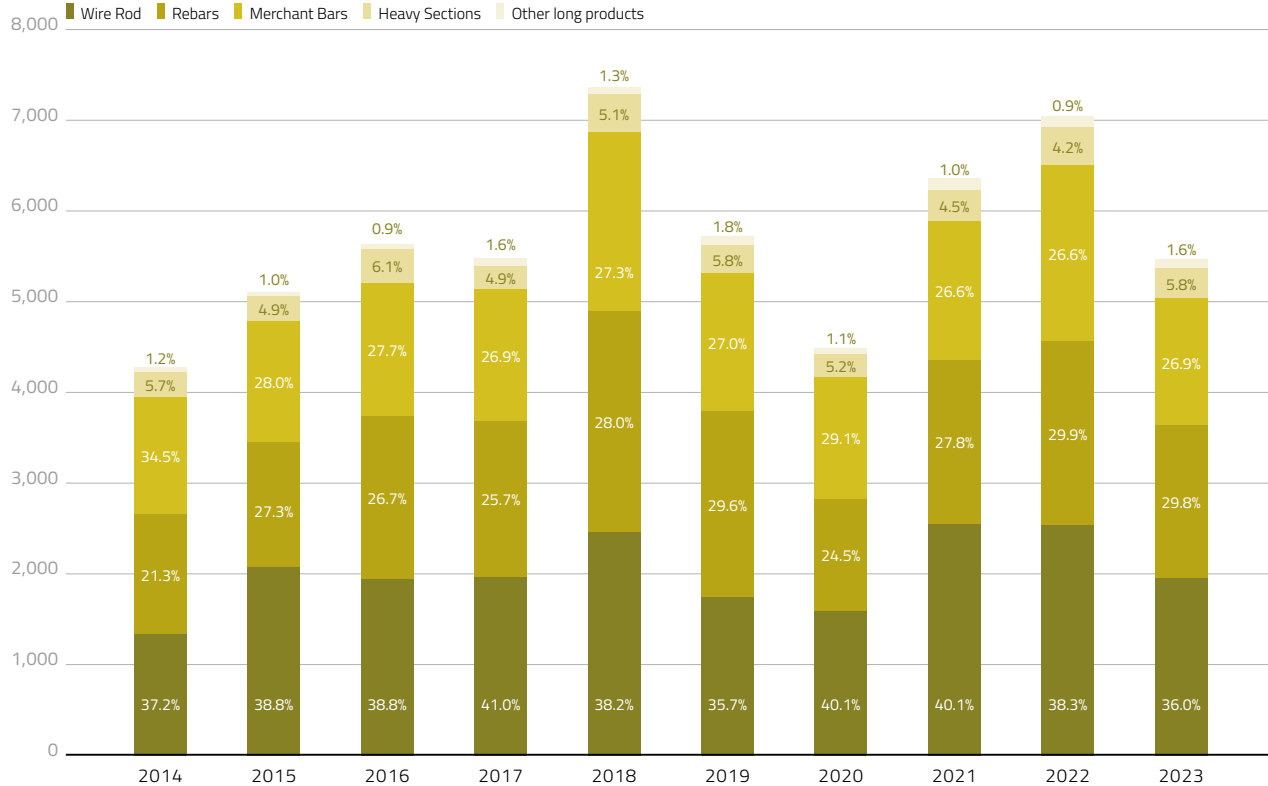


## Imports into the EU: Long products

## LONG PRODUCT IMPORTS INTO THE EU BY PRODUCT

CHART • 2014 – 2023

SOURCE: EUROFER





## Imports: top 10 countries of origin

All qualities • in '000 metric tonnes

41

### TOP 10 IMPORTS OF ALL FINISHED PRODUCTS RANKED BY COUNTRY OF ORIGIN

TABLE • 2014 – 2023

SOURCE: EUROFER

Countries ranked according to their 2023 order

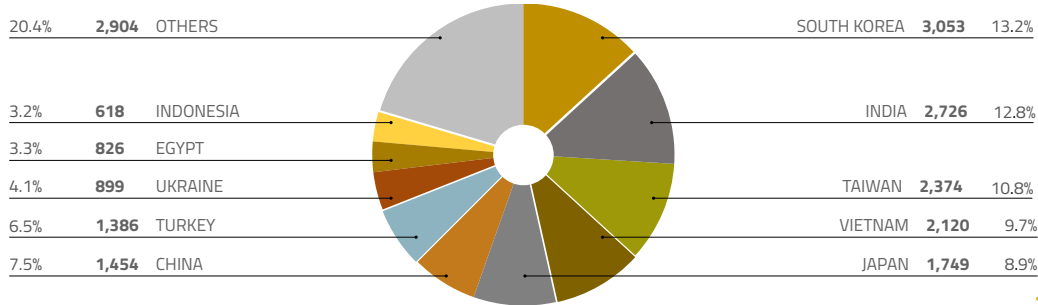
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>SOUTH KOREA</b>	1,397	1,897	2,523	2,884	3,194	2,683	2,622	2,286	2,951	3,177
<b>INDIA</b>	1,391	1,140	1,822	3,568	2,670	2,123	1,872	3,536	2,681	2,863
<b>TAIWAN</b>	636	412	705	1,062	1,511	1,220	951	1,700	2,149	2,391
<b>TURKEY</b>	1,254	1,295	2,044	3,420	5,833	5,472	3,876	4,588	4,329	2,269
<b>CHINA</b>	3,855	6,170	5,249	3,110	2,781	2,348	1,182	1,442	2,524	2,206
<b>VIETNAM</b>	30	43	45	279	495	425	285	1,583	1,553	2,165
<b>JAPAN</b>	140	135	283	151	197	188	252	854	1,461	1,776
<b>EGYPT</b>	200	37	84	572	453	208	347	955	787	1,287
<b>UKRAINE</b>	2,215	2,500	2,942	2,110	1,821	1,718	1,600	2,543	1,264	1,169
<b>INDONESIA</b>	2	11	88	160	160	260	228	462	733	767
<b>OTHERS</b>	8,694	11,211	10,913	9,596	11,098	9,704	9,199	10,378	8,438	5,503
<b>TOTAL</b>	<b>19.814</b>	<b>24.851</b>	<b>26.698</b>	<b>26.912</b>	<b>30.213</b>	<b>26.349</b>	<b>22.414</b>	<b>30.327</b>	<b>28.870</b>	<b>25.573</b>

## Imports: Top 10 countries of origin by product category

## TOP 10 FLAT PRODUCTS IMPORTS

CHART • 2023

SOURCE: EUROFER

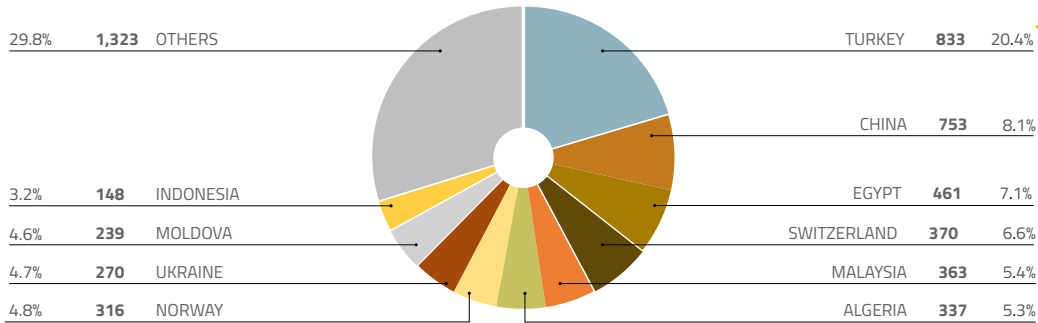
20.1 million  
tonnes

100%

## TOP 10 LONG PRODUCT IMPORTS

CHART • 2023

SOURCE: EUROFER

5.5 million  
tonnes

100%

# Exports into the EU: Total

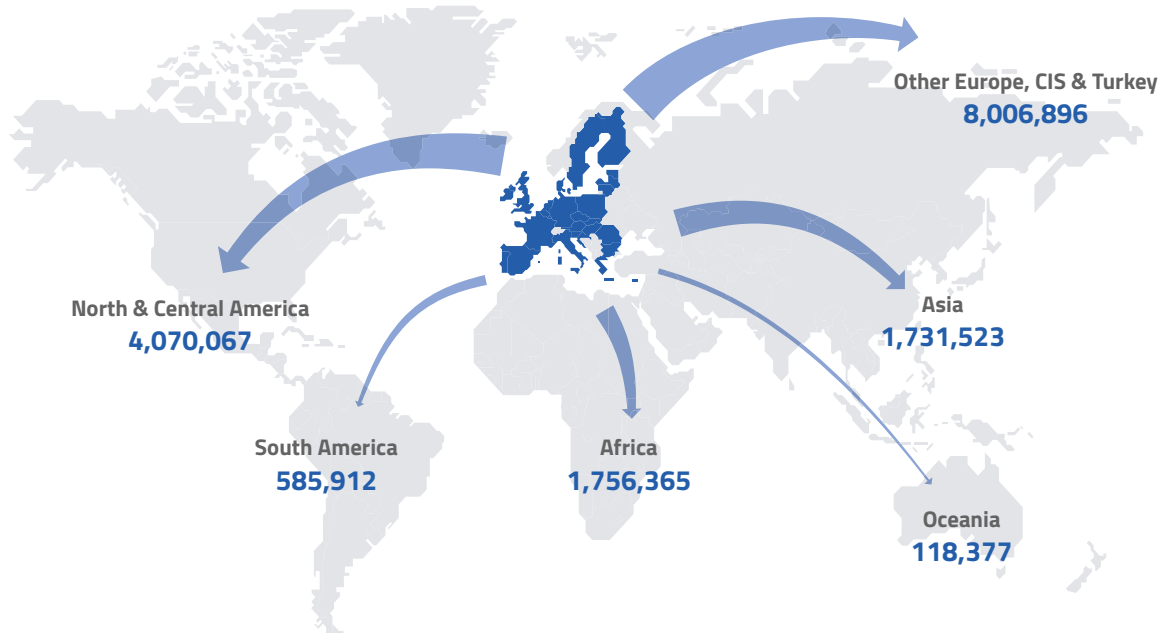
All qualities • in metric tonnes

## TOTAL EXPORTS INTO THE EU

MAP • 2023

SOURCE: EUROFER

The EU exported **16.3 million tonnes** of finished steel products in 2023



## Exports from the EU: Total

All qualities • in '000 metric tonnes

## TOTAL EXPORTS FROM THE EU

TABLE ■ 2014 – 2023

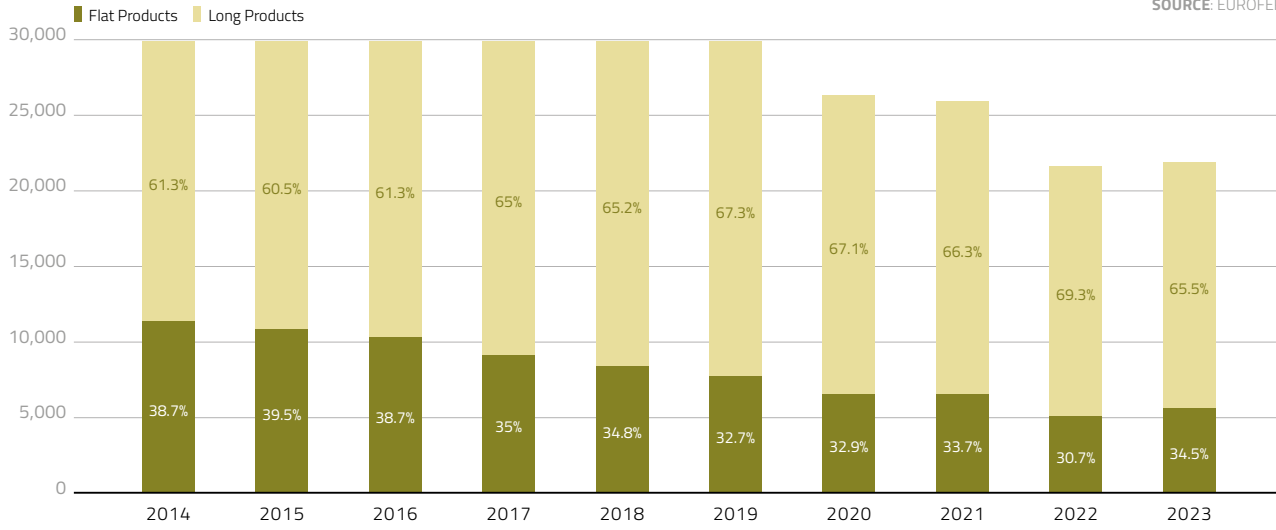
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
Flat Products	17,989	16,785	16,471	17,079	15,769	16,031	13,349	12,892	11,517	10,660	65.5%
Long Products	11,374	10,937	10,392	9,182	8,402	7,794	6,539	6,539	5,111	5,614	34.5%
Finished Products	29,363	27,722	26,864	26,261	24,170	23,824	19,888	19,431	16,628	16,274	100%

## TOTAL EXPORTS FROM THE EU

CHART ■ 2014 – 2023

SOURCE: EUROFER



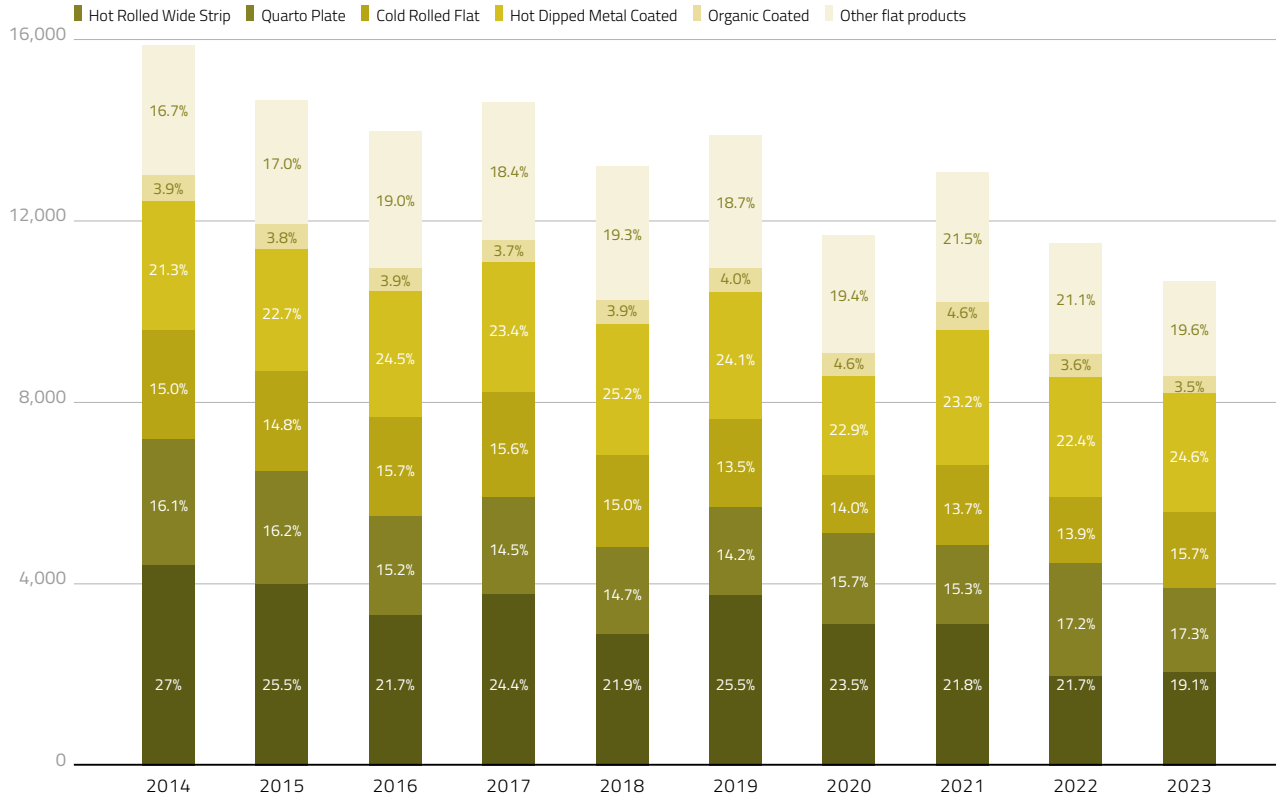
# Exports from the EU: Flat products

All qualities • in '000 metric tonnes

## FLAT PRODUCT EXPORTS FROM THE EU BY PRODUCT

CHART • 2014 – 2023

SOURCE: EUROFER



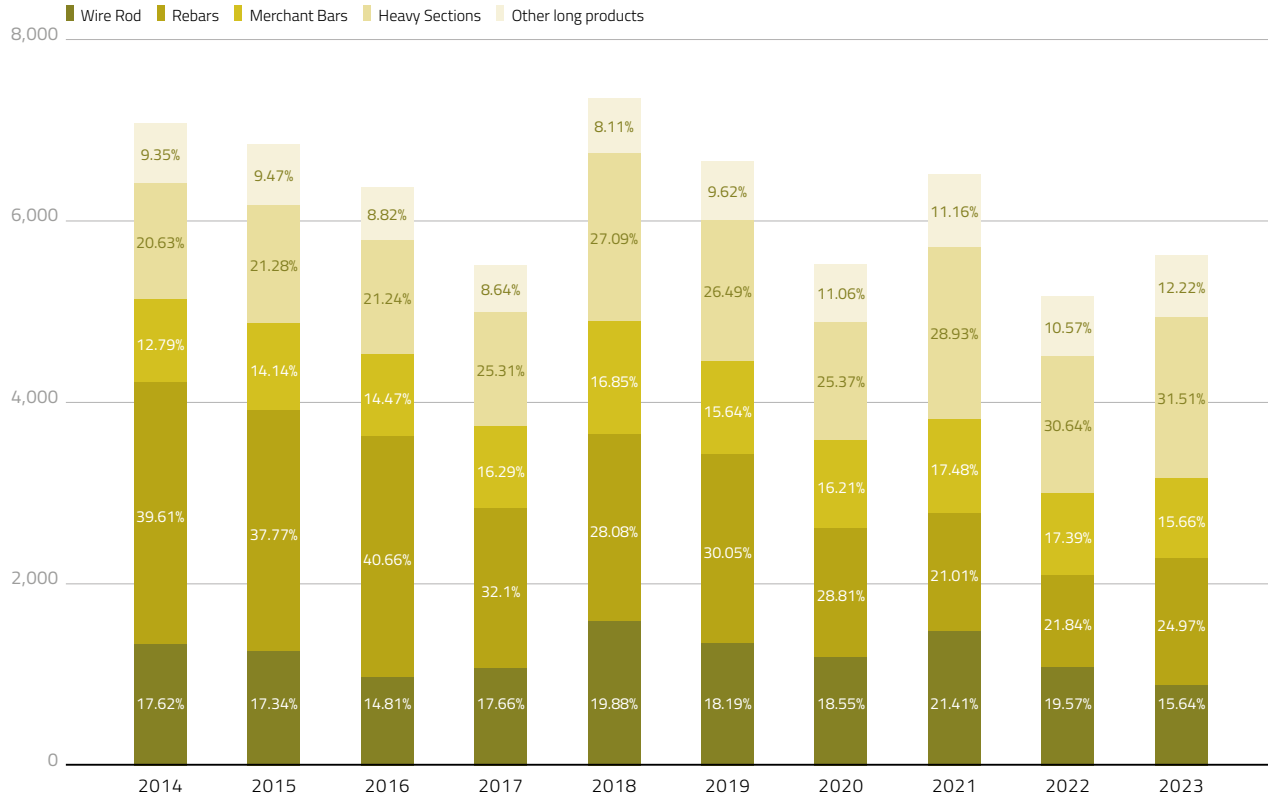
## Exports from the EU: Long products

All qualities • in '000 metric tonnes

## LONG PRODUCT EXPORTS FROM THE EU BY PRODUCT

CHART • 2014 – 2023

SOURCE: EUROFER



## Export destinations: Top 10 countries

All qualities • in '000 metric tonnes

47

### TOP 10 EXPORTERS DESTINATIONS FOR ALL FINISHED PRODUCTS

TABLE • 2014 – 2023

SOURCE: EUROFER

Countries ranked according to their 2023 order

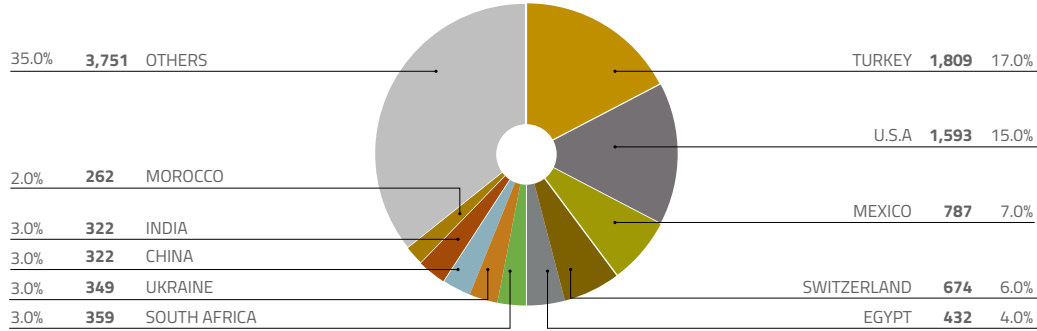
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
TURKEY	3,923	4,152	3,936	4,458	3,023	3,656	3,186	2,961	2,488	2,288
U.S.A.	3,581	3,255	3,044	3,224	3,276	2,473	1,647	2,227	2,350	2,233
SWITZERLAND	1,828	1,703	1,838	1,886	1,871	1,702	1,554	1,701	1,543	1,321
MEXICO	716	577	730	870	1,197	1,012	961	1,228	909	1,127
CANADA	551	744	619	531	664	713	732	722	538	649
EGYPT	320	425	465	475	537	596	643	494	451	464
MOROCCO	641	582	655	642	598	613	524	431	333	441
UKRAINE	226	199	245	237	234	271	287	221	250	430
CHINA	1,059	882	991	1,120	1,085	887	1,042	842	548	414
SERBIA MONTENEGRO	363	425	439	429	446	492	430	383	297	381
OTHERS	16,155	14,778	13,902	12,389	11,239	11,409	8,882	8,221	6,921	6,526
<b>TOTAL</b>	<b>29,363</b>	<b>27,722</b>	<b>26,864</b>	<b>26,261</b>	<b>24,170</b>	<b>23,824</b>	<b>19,888</b>	<b>19,431</b>	<b>16,628</b>	<b>16,274</b>

# Export destinations: by product category

## TOP FLAT PRODUCT EXPORT DESTINATIONS

CHART • 2023

SOURCE: EUROFER



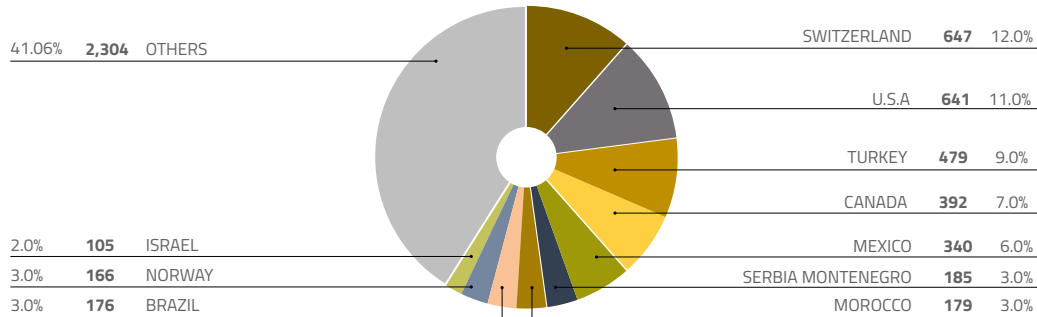
**10.7 million tonnes**

100%

## TOP LONG PRODUCT EXPORT DESTINATIONS

CHART • 2023

SOURCE: EUROFER



**5.6 million tonnes**

100%



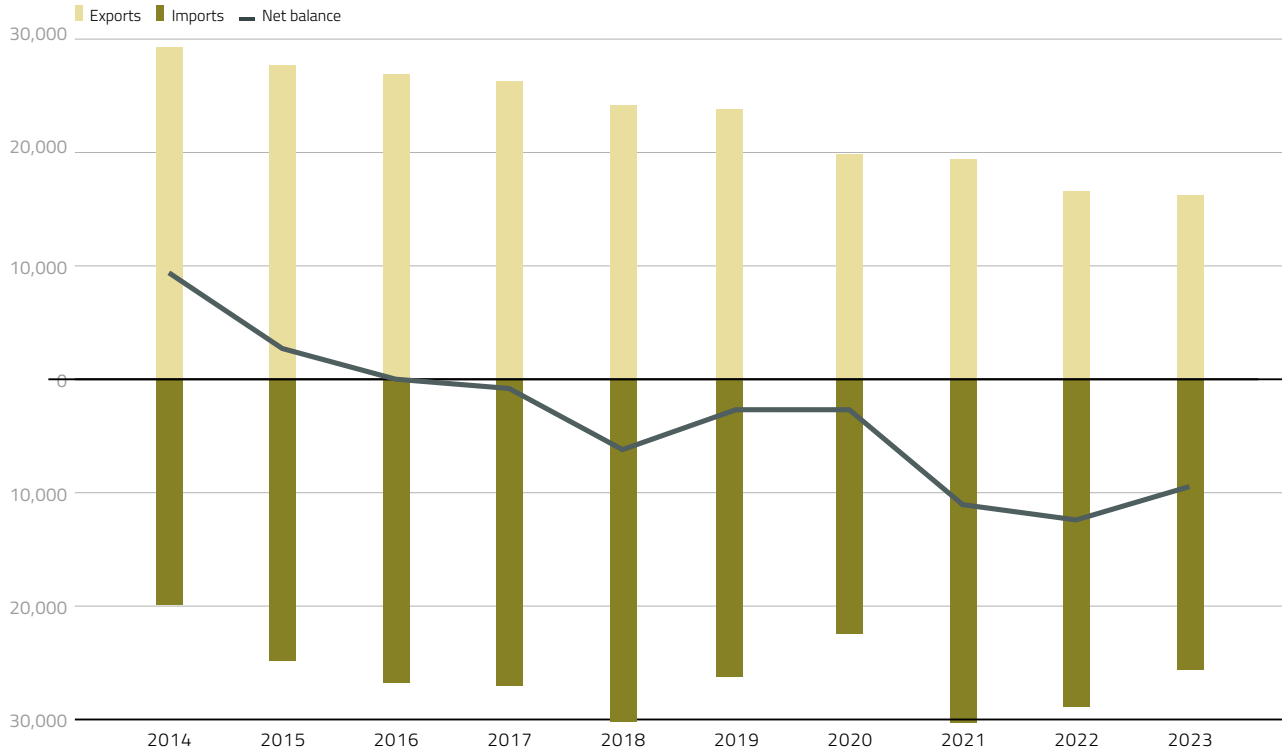
# EU trade balance: by volume

All qualities • in '000 metric tonnes

## FINISHED PRODUCTS NET TRADE BALANCE BY VOLUME

CHART • 2014 – 2023

SOURCE: EUROFER



# Stainless steel

EUROPEAN STEEL IN FIGURES 2024

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## Stainless steel market supply: Total flat products

In '000 metric tonnes

52

### TOTAL STAINLESS FLAT PRODUCT DELIVERIES BY SOURCE

TABLE ■ 2014 – 2023

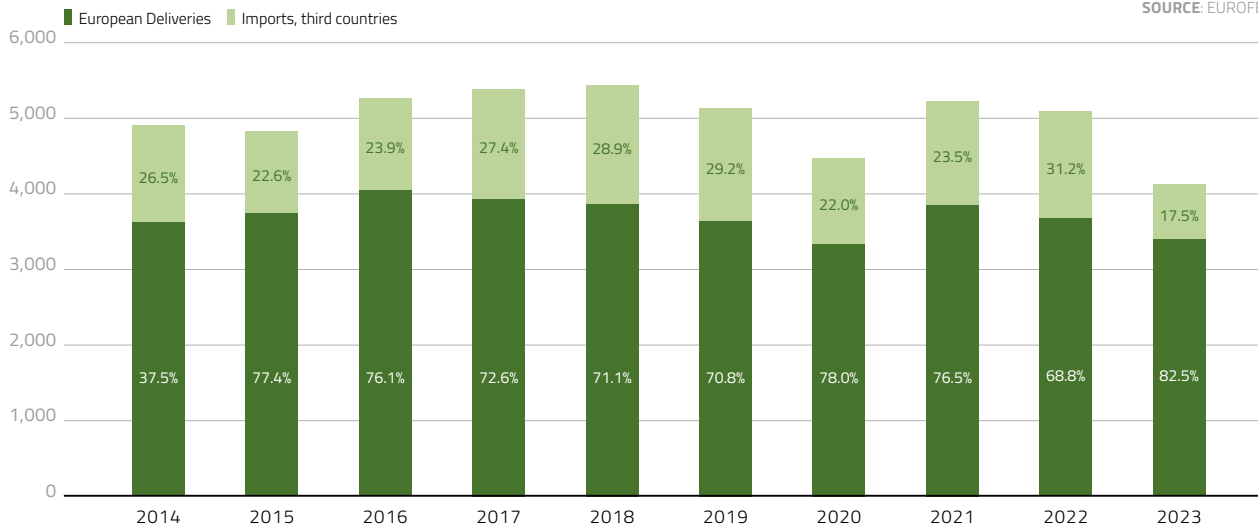
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
European Deliveries	3,479	3,607	3,900	3,797	3,762	3,573	3,410	3,941	3,582	3,394	82.0%
Imports, Third Countries	1,257	1,052	1,223	1,434	1,527	1,474	964	1,213	1,627	722	17.5%
<b>Market Supply</b>	<b>4,736</b>	<b>4,659</b>	<b>5,123</b>	<b>5,231</b>	<b>5,289</b>	<b>5,047</b>	<b>4,374</b>	<b>5,154</b>	<b>5,209</b>	<b>4,116</b>	<b>100%</b>

### TOTAL STAINLESS FLAT PRODUCT DELIVERIES BY SOURCE

CHART ■ 2014 – 2023

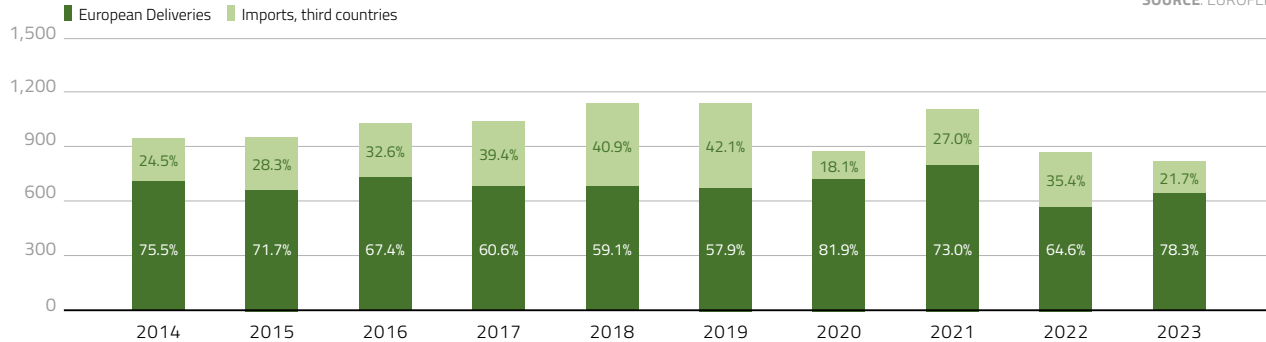
SOURCE: EUROFER



## HOT ROLLED STRIP MILL PRODUCTS

CHART ■ 2014 – 2023

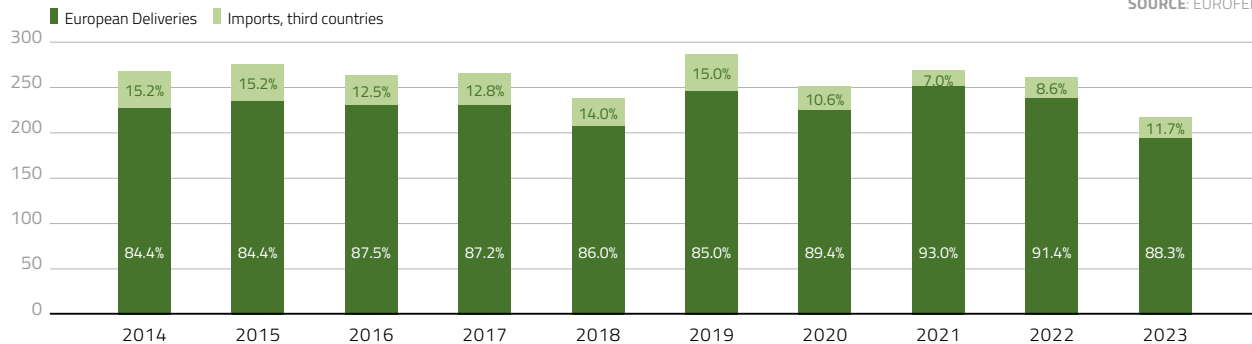
SOURCE: EUROFER



## PLATES

CHART ■ 2014 – 2023

SOURCE: EUROFER



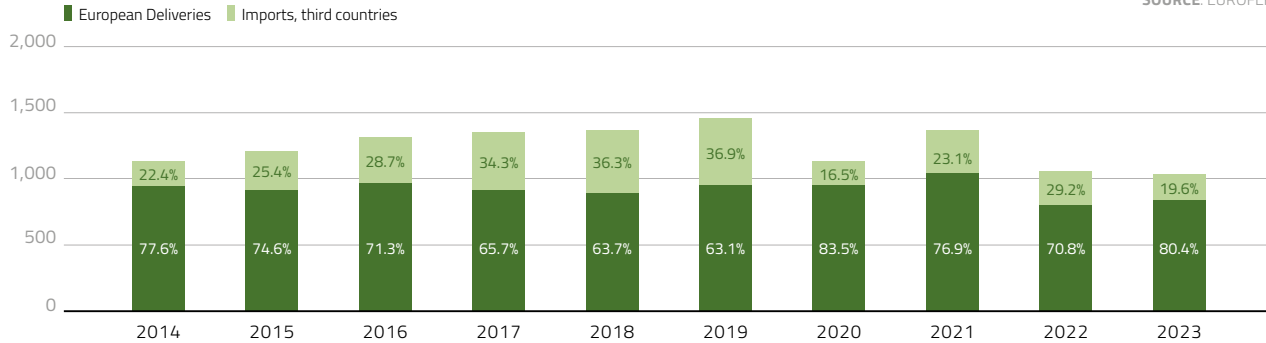
# Stainless steel market supply: Hot & cold rolled flat

In '000 metric tonnes

## HOT ROLLED FLAT PRODUCTS

CHART ■ 2014 – 2023

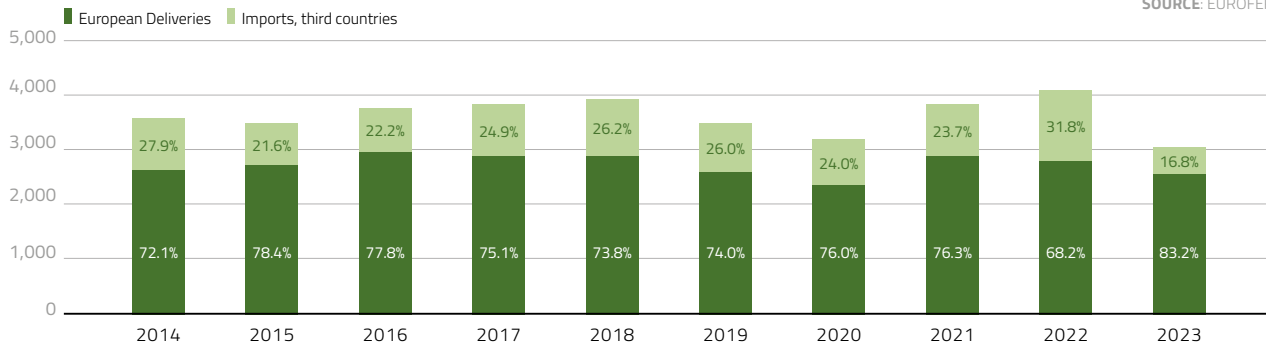
SOURCE: EUROFER



## COLD ROLLED FLAT PRODUCTS

CHART ■ 2014 – 2023

SOURCE: EUROFER



## Stainless steel market supply: Long products

### TOTAL STAINLESS LONG PRODUCT DELIVERIES BY SOURCE

TABLE ■ 2014 – 2023

SOURCE: EUROFER

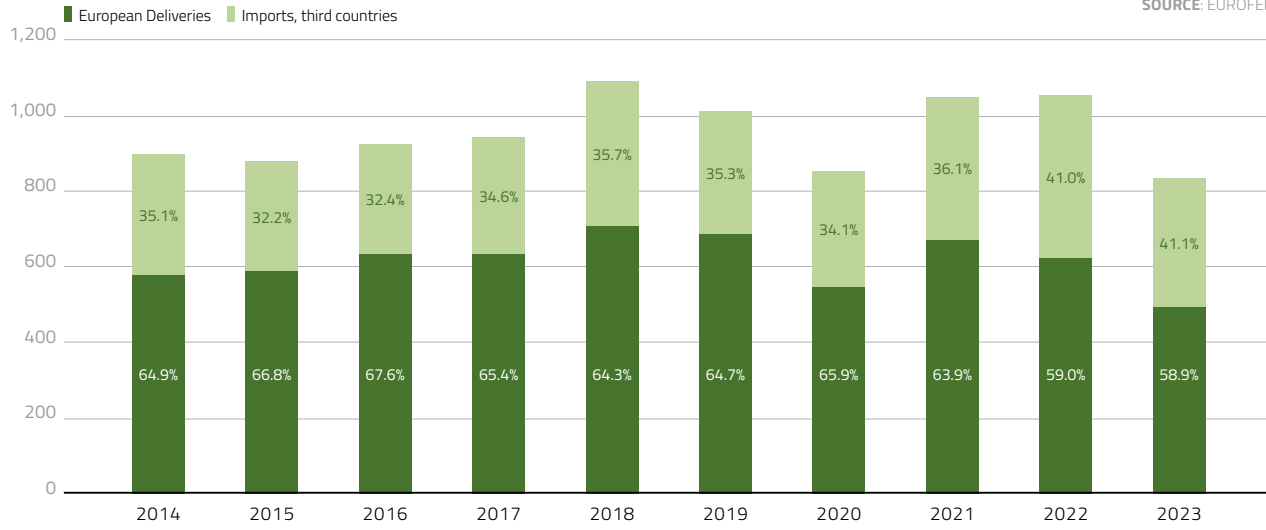
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% shares 2023
European Deliveries	587	594	633	624	709	657	573	672	623	502	58.9%
Imports, Third Countries*	318	295	304	330	394	359	296	380	433	350	41.1%
<b>Market Supply</b>	<b>905</b>	<b>889</b>	<b>937</b>	<b>954</b>	<b>1,103</b>	<b>1,016</b>	<b>869</b>	<b>1,052</b>	<b>1,056</b>	<b>853</b>	<b>100%</b>

\* including Bright Bars and Wires

### TOTAL STAINLESS LONG PRODUCT DELIVERIES BY SOURCE

CHART ■ 2014 – 2023

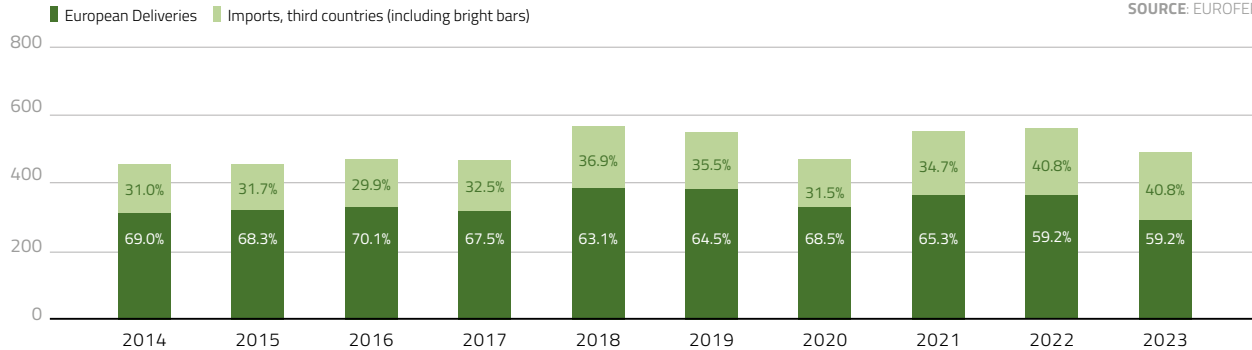
SOURCE: EUROFER



# Stainless steel market supply: Hot rolled bars & sections and wire rod In '000 metric tonnes

## HOT ROLLED BARS & SECTIONS

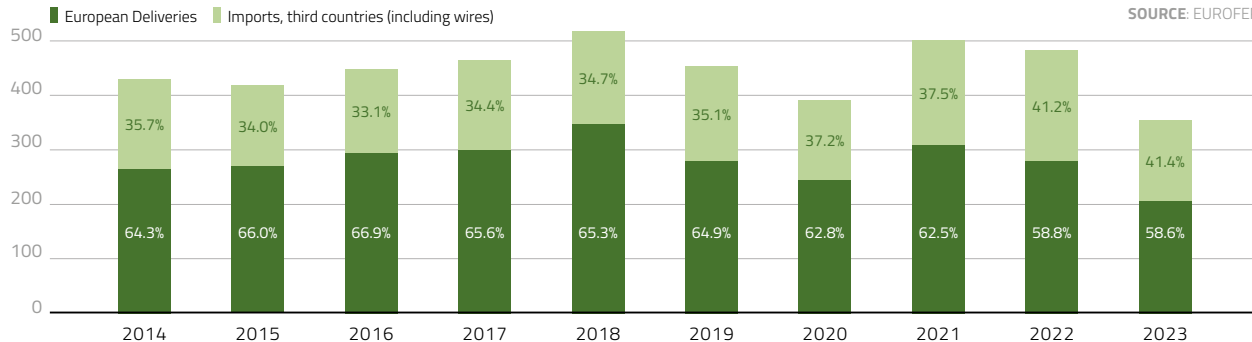
CHART ▪ 2014 – 2023



SOURCE: EUROFER

## WIRE ROD

CHART ▪ 2014 – 2023



SOURCE: EUROFER



## Imports into the EU: Total stainless steel

In '000 metric tonnes

## IMPORTS OF FINISHED STAINLESS STEELS BY PRODUCT

TABLE ■ 2014 – 2023

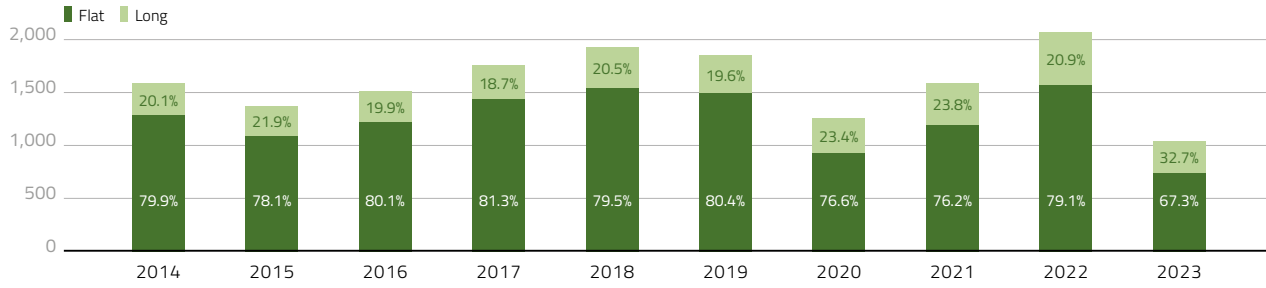
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Finished Products</b>	<b>1,574</b>	<b>1,347</b>	<b>1,527</b>	<b>1,764</b>	<b>1,921</b>	<b>1,833</b>	<b>1,259</b>	<b>1,592</b>	<b>2,056</b>	<b>1,072</b>
▶ of which flat products	1,257	1,052	1,223	1,434	1,527	1,474	964	1,213	1,627	722
▶ Hot Rolled sheets and strips	183	216	304	378	400	431	122	254	264	148
▶ Plates	41	42	33	34	33	43	27	19	23	25
▶ Cold Rolled Flat	991	747	838	962	1,024	929	776	894	1,294	518
▶ of which long products	317	295	304	330	394	359	295	379	429	350
▶ Wire Rod	81	68	71	75	87	71	61	71	84	61
▶ Merchant Bars	65	54	57	55	70	66	50	62	71	67
▶ Bright Bars	95	97	97	111	143	133	100	128	160	135
▶ Drawn Wires	76	76	79	89	94	89	85	119	115	86
▶ Flat	79.9%	78.1%	80.1%	81.3%	79.5%	80.4%	76.6%	76.2%	79.1%	67.3%
▶ Long	20.1%	21.9%	19.9%	18.7%	20.5%	19.6%	23.4%	23.8%	20.9%	32.7%

## IMPORTS OF FINISHED STAINLESS STEELS BY PRODUCT CATEGORY

CHART ■ 2014 – 2023

SOURCE: EUROFER



## Exports from the EU: Total stainless steel

In '000 metric tonnes

58

### EXPORTS OF FINISHED STAINLESS STEELS BY PRODUCT

TABLE ■ 2014 – 2023

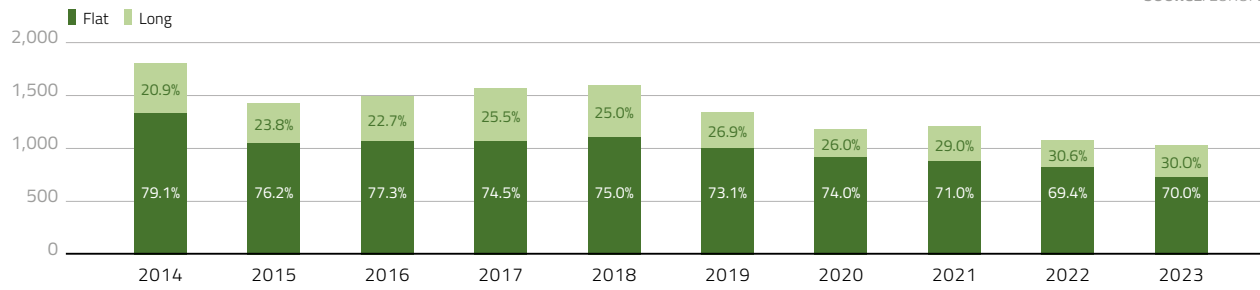
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Finished Products</b>	<b>1,708</b>	<b>1,471</b>	<b>1,497</b>	<b>1563</b>	<b>1,589</b>	<b>1,382</b>	<b>1,224</b>	<b>1,253</b>	<b>1,153</b>	<b>1,034</b>
▶ of which flat products	1,351	1,121	1,158	1,165	1,192	1,010	905	890	800	723
▶ Hot Rolled sheets and strips	308	194	205	230	244	164	118	124	113	92
▶ Plates	114	107	99	91	105	99	90	74	79	70
▶ Cold Rolled Flat	805	714	744	734	727	640	612	600	522	481
▶ of which long products	358	350	340	398	396	372	318	363	353	310
▶ Wire Rod	68	68	67	80	75	74	58	80	79	48
▶ Merchant Bars	79	74	74	91	90	93	79	86	84	75
▶ Bright Bars	180	177	169	197	198	176	155	167	161	161
▶ Drawn Wires	31	31	29	30	34	29	26	31	28	26
▶ Flat	79.1%	76.2%	77.3%	74.5%	75.0%	73.1%	74.0%	71.0%	69.4%	70.0%
▶ Long	20.9%	23.8%	22.7%	25.5%	25.0%	26.9%	26.0%	29.0%	30.6%	30.0%

### EXPORTS OF FINISHED STAINLESS STEEL BY PRODUCT CATEGORY

TABLE ■ 2014 – 2023

SOURCE: EUROFER



## NET TRADE BALANCE BY VOLUME

CHART ■ 2014 – 2023

SOURCE: EUROFER



# Sustainability

EUROPEAN STEEL IN FIGURES 2024

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# Imports into the EU: scrap steel

In '000 metric tonnes

## IMPORTS OF SCRAP INTO THE EU

TABLE ■ 2014 – 2023

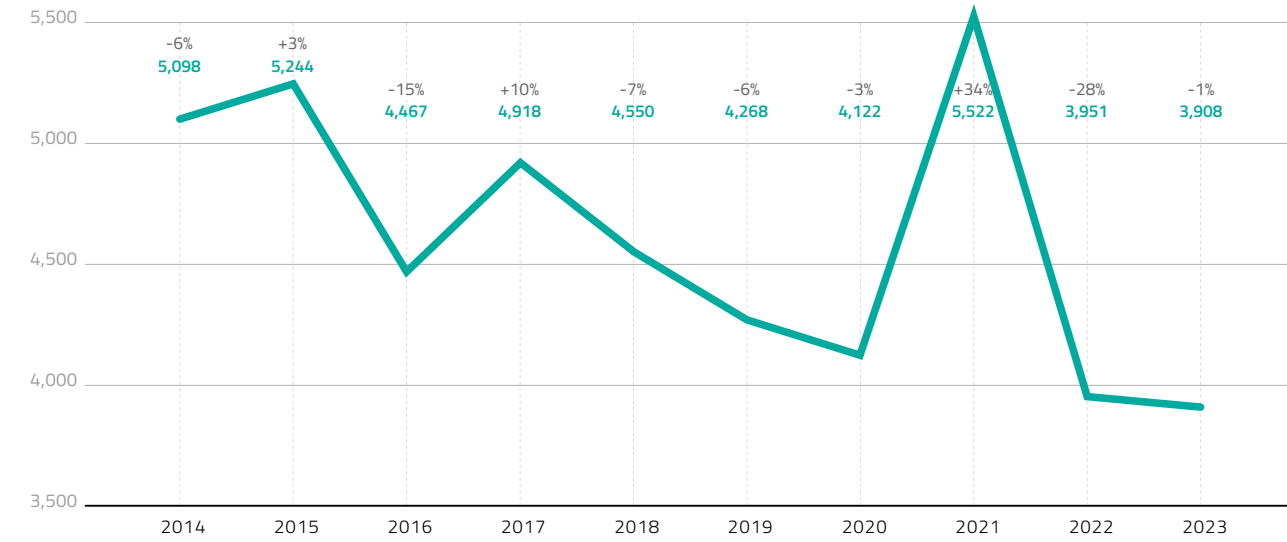
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Imports Comext	5,098	5,244	4,467	4,918	4,550	4,268	4,122	5,522	3,951	3,908

## IMPORTS OF SCRAP INTO THE EU

CHART ■ 2014 – 2023

SOURCE: EUROFER



## Exports from the EU: scrap steel

## EXPORTS OF SCRAP FROM THE EU

TABLE ■ 2014 – 2023

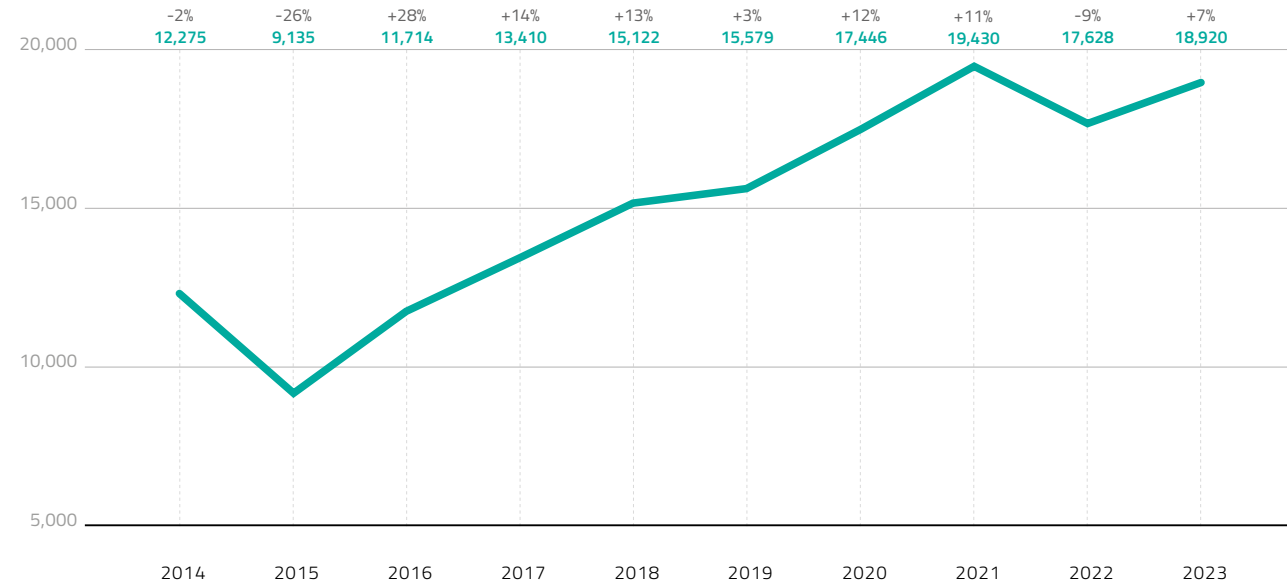
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Exports Comext	12,275	9,135	11,714	13,410	15,122	15,579	17,446	19,430	17,628	18,920

## EXPORTS OF SCRAP FROM THE EU

GRAPH ■ 2014 – 2023

SOURCE: EUROFER



# Consumption & net export: scrap

In '000 metric tonnes

64

## CONSUMPTION & NET EXPORT OF SCRAP STEEL

TABLE ■ 2014 – 2023

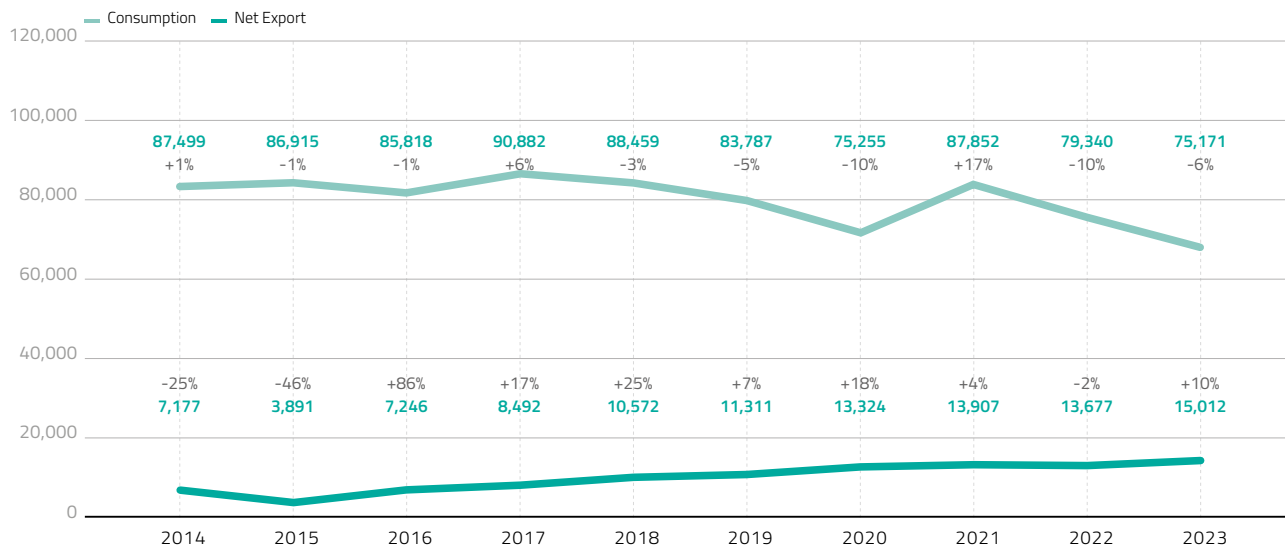
SOURCE: EUROFER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Consumption Total	87,499	86,915	85,818	90,882	88,459	83,787	75,255	87,852	79,340	75,171
Net Export	7,177	3,891	7,246	8,492	10,572	11,311	13,324	13,907	13,677	15,012

## CONSUMPTION & NET EXPORT OF SCRAP STEEL

GRAPH ■ 2014 – 2023

SOURCE: EUROFER





# References & definitions

## Definitions according to NACE Rev.2

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▶ **Building & Civil Engineering**

- 41 Construction of buildings
  - 42 Civil engineering
  - 43 Specialised construction activities
  - 25.1 Manufacture of metal structures and part of structures
  - 25.2 Manufacture of tanks, generators, radiators, boilers
- 

▶ **Mechanical Engineering**

- 28 Manufacture of machinery and equipment
  - 27.1 Manufacture of electric motors, generators, transformers
  - 25.3 Manufacture of steam generators, except central heating hot water boilers
- 

▶ **Automotive**

- 29 Manufacture of motor vehicles and trailers
- 

▶ **Domestic Appliances**

- 27.51 Manufacture of electric domestic appliances
- 

▶ **Other Transport Equipment**

- 30 Manufacture of other transport equipment
  - 30.1 Building and repair of ships
  - 30.2 Manufacture of railway locomotives and rolling stock
  - 30.91 Manufacture of motorcycles
- 

▶ **Steel Tubes**

- 24.2 Manufacture of steel tubes
- 

▶ **Metal Goods**

- 25 Manufacture of fabricated metal products excluding 25.1-25.2-25.3
- 

▶ **Other sectors**

- 26 Manufacture of computer, electronic and optical products
  - 27 Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus excluding 27.1 and 27.5
-

# References & definitions

## EU steel market definitions

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### SWIP

abbreviation for Steel Weighted Industrial Production index. used as a proxy for real steel consumption. Activity in the steel-using sectors is weighted with the relative share of each sector in total steel consumed by all sectors.

### Real steel consumption

consumption of all steel products used by the steel-using sectors in their production processes, also referred to as “final use” of steel products.

### Apparent steel consumption

also referred to as “steel demand”. It concerns the supply of all steel products delivered to the EU28 market by domestic producers in the EU or third country exporters. If apparent consumption exceeds real steel consumption, the surplus is stocked in the distribution chain. If apparent consumption is less than real steel consumption, inventories are being withdrawn. In formula: total deliveries + imports from third

countries – exports to third countries – steel industry receipts

### Steel industry receipts

deliveries for further processing from within the steel industry itself – subtracted to avoid double-counting of steel consumption

### Narrow definition

EUROFER applies the so-called “narrow definition” which excludes steel tubes and first transformation products from the product scope used for calculating steel consumption. Hence, the steel tube sector is a steel-using sector under this definition

### Steel intensity

the ratio of real steel consumption to steel weighted production in the steel-using sectors. This reflects the usually slightly negative impact on consumption of innovation in steel products, inter-material substitution, improvements in process efficiency and design, etc.

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