



HELLENIC REPUBLIC
HELLENIC STATISTICAL AUTHORITY

Piraeus, 5 April 2024

SURVEY ON IRON AND STEEL INDUSTRY: 2022

The Hellenic Statistical Authority (ELSTAT) announces the results of the Annual Survey on Iron and Steel Industry, for the year 2022. More specifically:

- The total quantity of scrap for use in the iron and steel industry recorded an increase of 11.2% in 2022 compared with 2021. An increase of 21.4% had been recorded in the corresponding quantity of scrap in 2021 compared with 2020 (Table 1).
- The total quantity of scrap consumed by the iron and steel industry increased by 2.6% in 2022 compared with 2021. In 2021, an increase of 13.9% had been recorded in the corresponding quantity of scrap consumed compared with 2020 (Table 1).
- The consumption of electricity in the iron and steel industry increased by 0.9% in 2022 compared with 2021. In 2021, an increase of 14.1% had been recorded in the corresponding consumption of electricity compared with 2020 (Table 2).
- In 2022, the total investment in the iron and steel industry amounted to 12.4 million euro. In 2021 and 2020 total investment amounted to 9.7 and 10.6 million euro respectively (Graph 3).

Information on methodological issues:

Business Statistics Division
Structural Business Statistics Section
Head of the Section: Andriana Dafni
Tel: +30 213 1352044
E-mail: a.dafni@statistics.gr

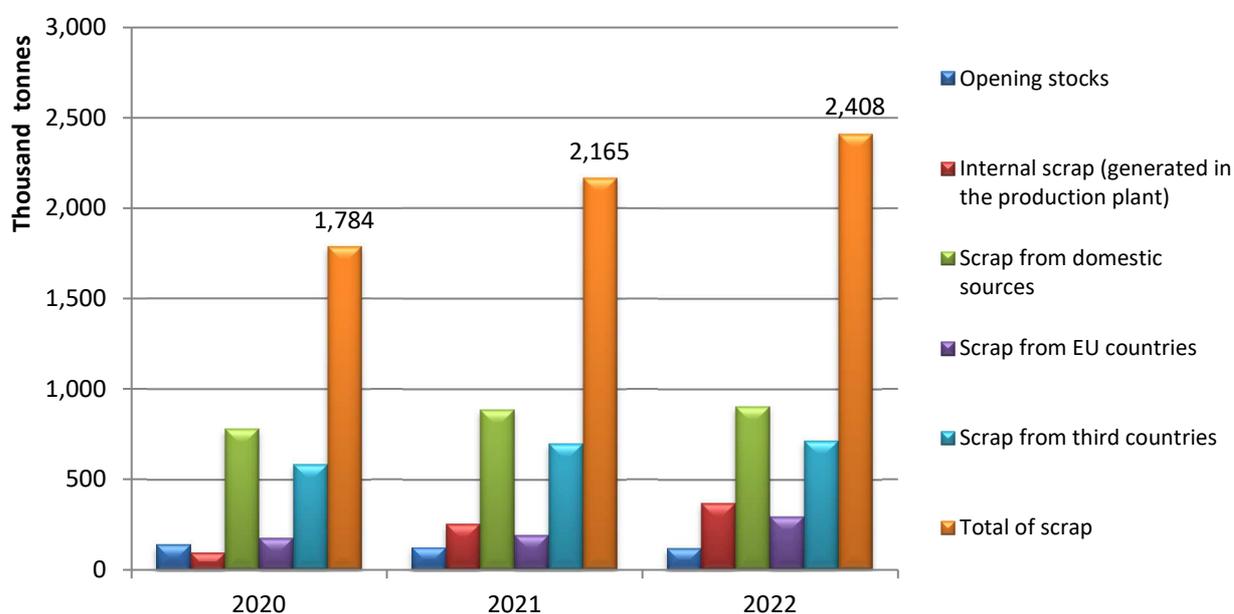
Information on data provision:

Tel. +30 213 1352022, 2310, 2308
Email: data.dissem@statistics.gr

Table 1: Scrap for use and consumption of scrap (in tonnes) in Iron and Steel Industry by origin of scrap, 2020-2022

	2020	2021	2022	Change %	
				2022/2021	2021/2020
Opening stocks	142,822	127,497	122,180	-4.2	-10.7
Internal scrap (generated in the production plant)	97,150	256,983	371,512	44.6	164.5
Total scrap deliveries, of which	1,544,431	1,780,994	1,914,648	7.5	15.3
<i>Scrap from domestic sources</i>	779,897	886,411	903,565	1.9	13.7
<i>Scrap from EU countries</i>	179,345	194,502	296,126	52.2	8.5
<i>Scrap from third countries</i>	585,189	700,081	714,957	2.1	19.6
Scrap for use (total)	1,784,403	2,165,474	2,408,340	11.2	21.4
Consumption of scrap	1,553,002	1,768,666	1,814,738	2.6	13.9

Graph 1a: Scrap for use in Iron and Steel Industry by origin of scrap, 2020-2022



Graph 1b: Percentage distribution of scrap deliveries by origin in Iron and Steel Industry, 2022

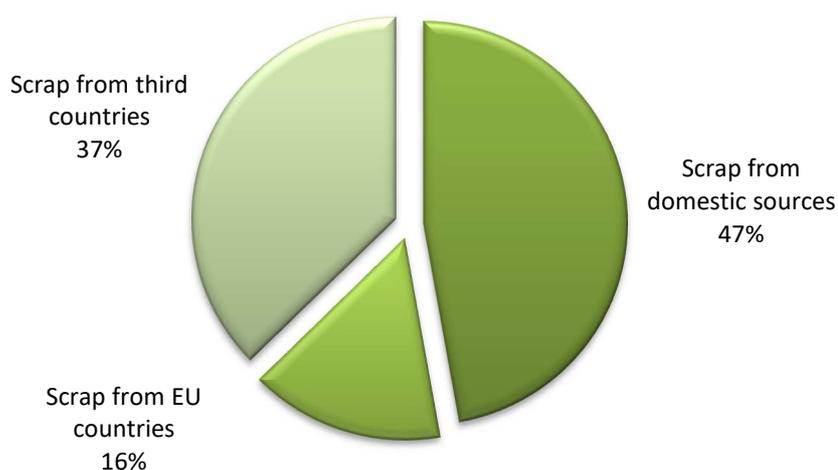
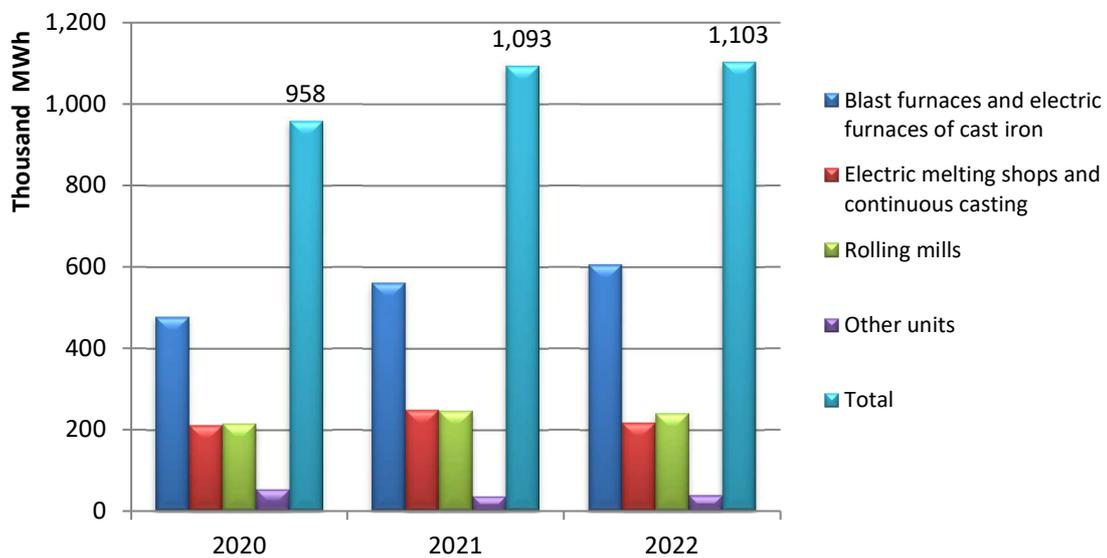


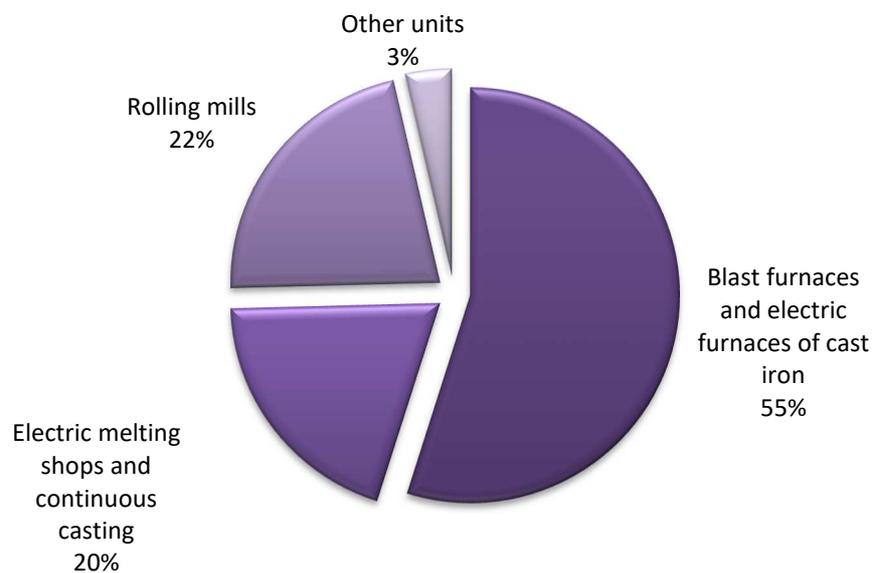
Table 2: Consumption of electricity (in MWh) in Iron and Steel Industry, by category of use, 2020-2022

	2020	2021	2022	Change %	
				2022/2021	2021/2020
Blast furnaces and electric furnaces of cast iron	477,114	560,719	605,267	7.9	17.5
Electric melting shops and continuous casting	211,261	249,085	217,421	-12.7	17.9
Rolling mills	215,413	246,234	240,656	-2.3	14.3
Other units	54,272	37,103	39,605	6.7	-31.6
Total	958,060	1,093,141	1,102,949	0.9	14.1

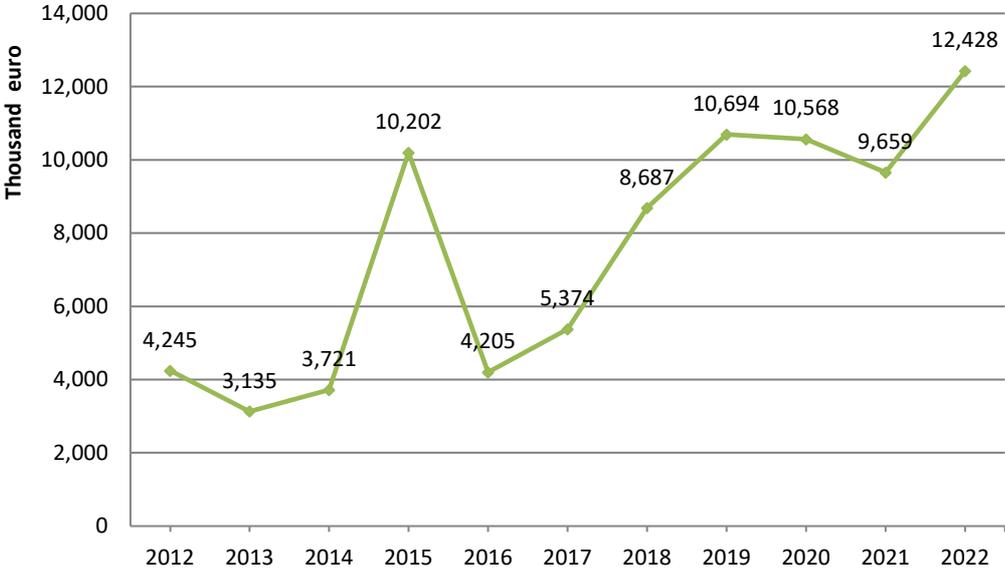
Graph 2a: Consumption of electricity in Iron and Steel Industry, by category of use, 2020-2022



Graph 2b: Percentage distribution of electricity consumption in Iron and Steel Industry, by category of use, 2022



Graph 3: Total investment in Iron and Steel Industry, 2012-2022



EXPLANATORY NOTES

<i>Survey on the Iron and Steel Industry</i>	The Survey on Iron and Steel Industry is an annual survey. The aim of the survey is to produce data on electricity consumption, investment expenditure and scrap of steel and casting of iron industries.
<i>Legal framework</i>	The survey is conducted in the framework of the Regulation 48/2004 of the European Parliament and of the Council.
<i>Reference period</i>	Year 2022.
<i>Coverage</i>	The survey covers all the manufacturing establishments in Greece, classified under the classes 24.51 and 24.52 of the statistical classification of economic activities Nace Rev.2.
<i>Statistical Unit</i>	The statistical unit is the factory, classified in group 24.5 of Nace Rev.2, manufacturing cast iron and steel products, or similar products.
<i>Methodology</i>	The survey is conducted on a census basis.
<i>Variables</i>	<p>The main variables of the survey are:</p> <ul style="list-style-type: none">- cast iron and steel scrap,- electricity consumption,- investment expenditure. <p>The scrap is measured in tonnes, the electricity consumption in MWh and investment expenditure in euro.</p>
<i>References</i>	More information, on the Survey on Iron and Steel Industry is available on the website of ELSTAT, www.statistics.gr , at the link: "Industry, Trade, Services, Transport > Manufacturing products > Iron and Steel".