



HELLENIC REPUBLIC
HELLENIC STATISTICAL AUTHORITY

Piraeus, 4 April 2025

SURVEY ON IRON AND STEEL INDUSTRY: 2023

The Hellenic Statistical Authority (ELSTAT) announces the results of the Annual Survey on Iron and Steel Industry, for the year 2023. More specifically:

- The total quantity of scrap for use in the iron and steel industry recorded a decrease of 23.4% in 2023 compared with 2022. An increase of 11.2% had been recorded in the corresponding quantity of scrap in 2022 compared with 2021 (Table 1).
- The total quantity of scrap consumed by the iron and steel industry decreased by 23.6% in 2023 compared with 2022. In 2022, an increase of 2.6% had been recorded in the corresponding quantity of scrap consumed compared with 2021 (Table 1).
- The consumption of electricity in the iron and steel industry decreased by 21.8% in 2023 compared with 2022. In 2022, an increase of 0.9% had been recorded in the corresponding consumption of electricity compared with 2021 (Table 2).
- In 2023, the total investment in the iron and steel industry amounted to 21.9 million euro. In 2022 and 2021 total investment amounted to 12.4 and 9.7 million euro respectively (Graph 3).

Information on methodological issues:

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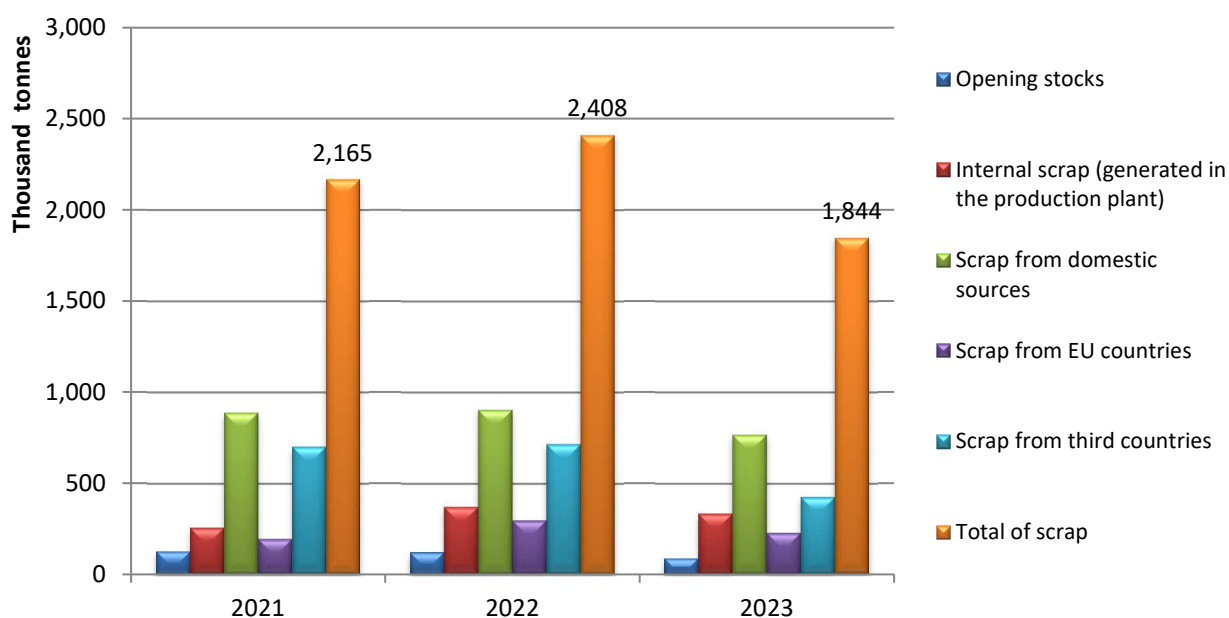
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Table 1: Scrap for use and consumption of scrap (in tonnes) in Iron and Steel Industry by origin of scrap, 2021-2023

	2021	2022	2023	Change %	
				2023/2022	2022/2021
Opening stocks	127,497	122,180	89,847	-26.5	-4.2
Internal scrap (generated in the production plant)	256,983	371,512	334,418	-10.0	44.6
Total scrap deliveries, of which	1,780,994	1,914,648	1,419,788	-25.8	7.5
<i>Scrap from domestic sources</i>	886,411	903,565	765,613	-15.3	1.9
<i>Scrap from EU countries</i>	194,502	296,126	229,018	-22.7	52.2
<i>Scrap from third countries</i>	700,081	714,957	425,157	-40.5	2.1
Scrap for use (total)	2,165,474	2,408,340	1,844,053	-23.4	11.2
Consumption of scrap	1,768,666	1,814,738	1,387,129	-23.6	2.6

Graph 1a: Scrap for use in Iron and Steel Industry by origin of scrap, 2021-2023



Graph 1b: Percentage distribution of scrap deliveries by origin in Iron and Steel Industry, 2023

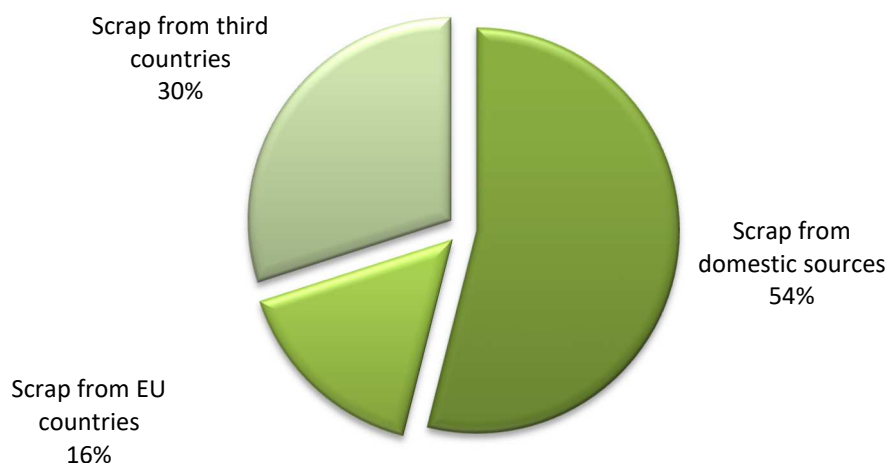
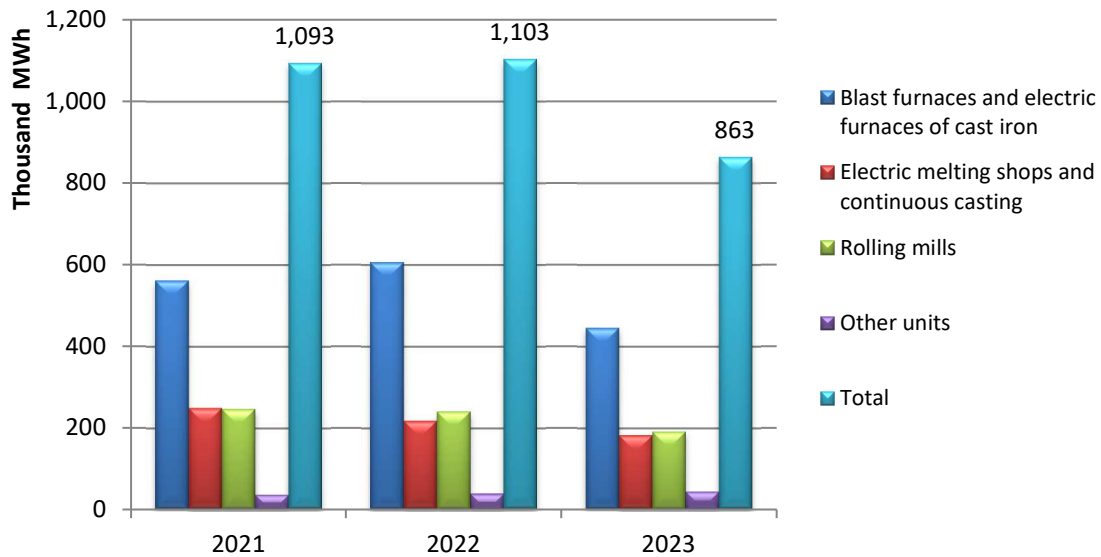


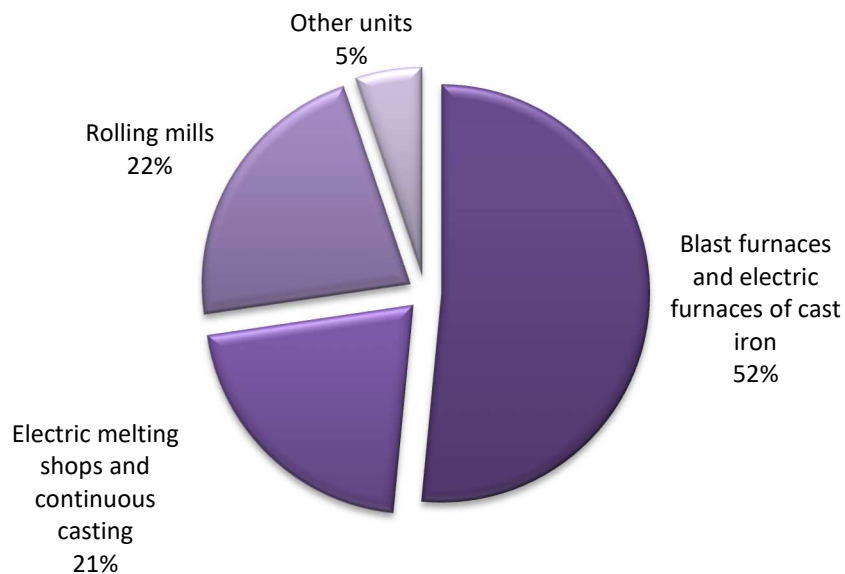
Table 2: Consumption of electricity (in MWh) in Iron and Steel Industry, by category of use, 2021-2023

	2021	2022	2023	Change %	
				2023/2022	2022/2021
Blast furnaces and electric furnaces of cast iron	560,719	605,267	444,794	-26.5	7.9
Electric melting shops and continuous casting	249,085	217,421	182,422	-16.1	-12.7
Rolling mills	246,234	240,656	190,887	-20.7	-2.3
Other units	37,103	39,605	44,923	13.4	6.7
Total	1,093,141	1,102,949	863,026	-21.8	0.9

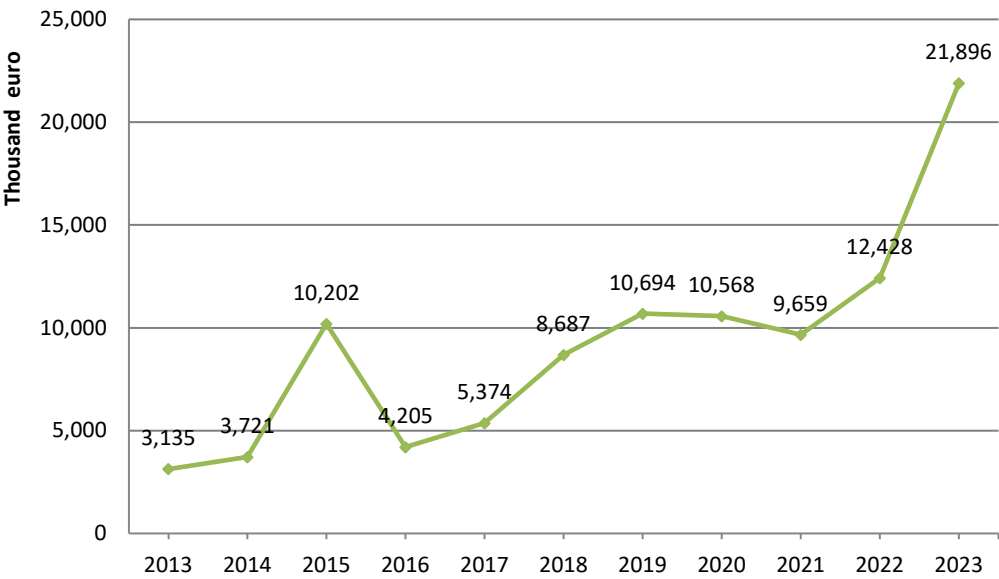
Graph 2a: Consumption of electricity in Iron and Steel Industry, by category of use, 2021-2023



Graph 2b: Percentage distribution of electricity consumption in Iron and Steel Industry, by category of use, 2023



Graph 3: Total investment in Iron and Steel Industry, 2013-2023



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 2023.
<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".