



HELLENIC REPUBLIC
HELLENIC STATISTICAL AUTHORITY

Piraeus, 7 April 2023

SURVEY ON IRON AND STEEL INDUSTRY: 2021

The Hellenic Statistical Authority (ELSTAT) announces the results of the Annual Survey on Iron and Steel Industry, for the year 2021. More specifically:

- The total quantity of scrap for use in the iron and steel industry recorded an increase of 21.4% in 2021 compared with 2020. A decrease of 4.8% had been recorded in the corresponding quantity of scrap in 2020 compared with 2019 (Table 1).
- The total quantity of scrap consumed by the iron and steel industry increased by 13.9% in 2021 compared with 2020. In 2020, a decrease of 1.8% had been recorded in the corresponding quantity of scrap consumed compared with 2019 (Table 1).
- The consumption of electricity in the iron and steel industry increased by 14.1% in 2021 compared with 2020. In 2020, a decrease of 2.0% had been recorded in the corresponding consumption of electricity compared with 2019 (Table 2).
- In 2021, the total investment in the iron and steel industry amounted to 9.7 million euro. In 2020 and 2019 total investment amounted to 10.6 and 10.7 million euro respectively (Graph 3).

Information on methodological issues:

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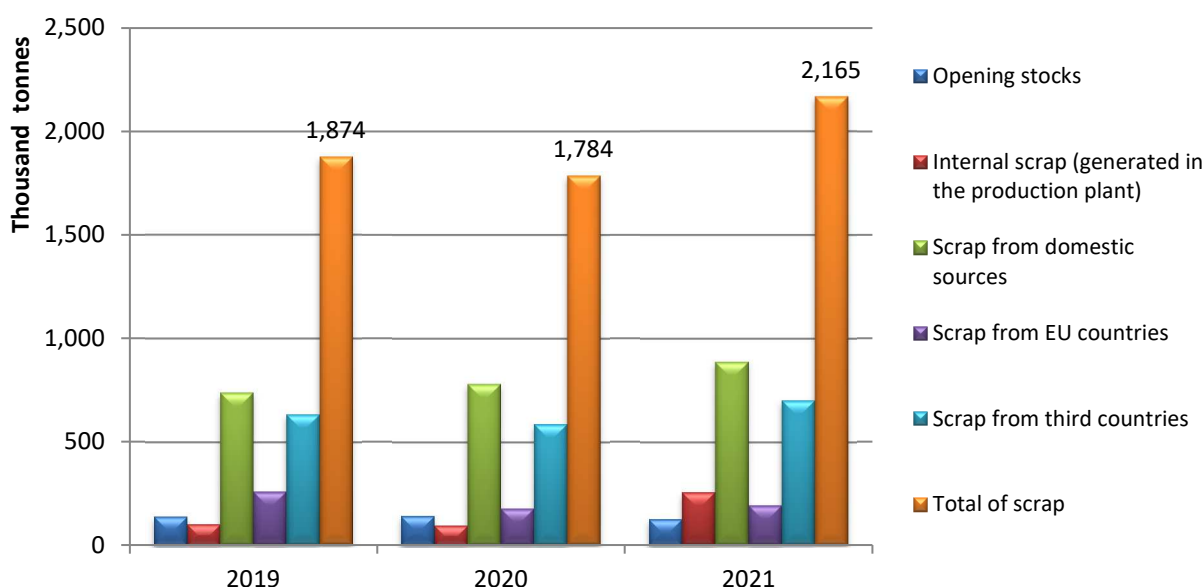
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Table 1: Scrap for use and consumption of scrap (in tonnes) in Iron and Steel Industry by origin of scrap, 2019-2021

	2019	2020	2021	Change %	
				2021/2020	2020/2019
Opening stocks	139,495	142,822	127,497	-10.7	2.4
Internal scrap (generated in the production plant)	103,673	97,150	256,983	164.5	-6.3
Total scrap deliveries, of which	1,630,886	1,544,431	1,780,994	15.3	-5.3
<i>Scrap from domestic sources</i>	737,623	779,897	886,411	13.7	5.7
<i>Scrap from EU countries</i>	260,631	179,345	194,502	8.5	-31.2
<i>Scrap from third countries</i>	632,632	585,189	700,081	19.6	-7.5
Scrap for use (total)	1,874,054	1,784,403	2,165,474	21.4	-4.8
Consumption of scrap	1,581,963	1,553,002	1,768,666	13.9	-1.8

Graph 1a: Scrap for use in Iron and Steel Industry by origin of scrap, 2019-2021



Graph 1b: Percentage distribution of scrap deliveries by countries of origin in Iron and Steel Industry, 2021

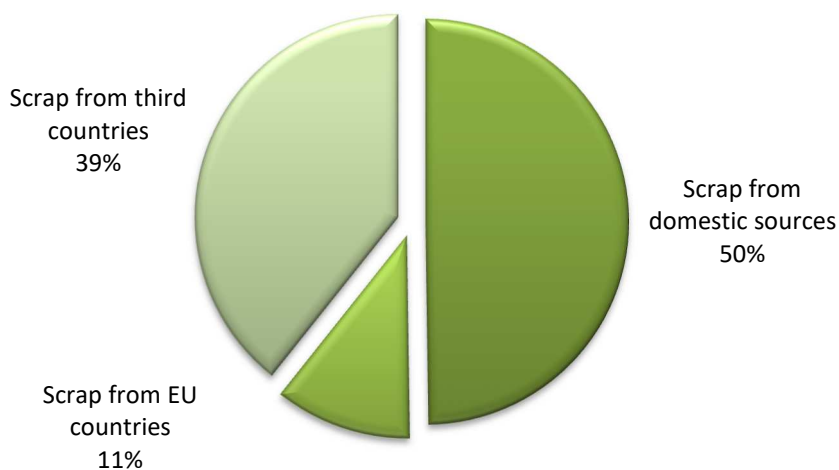
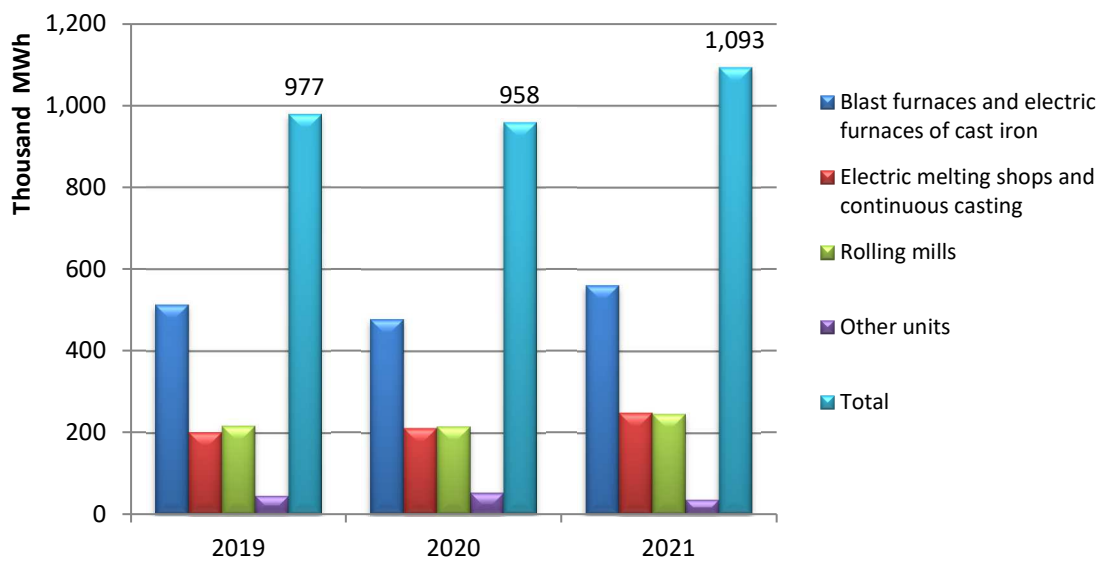


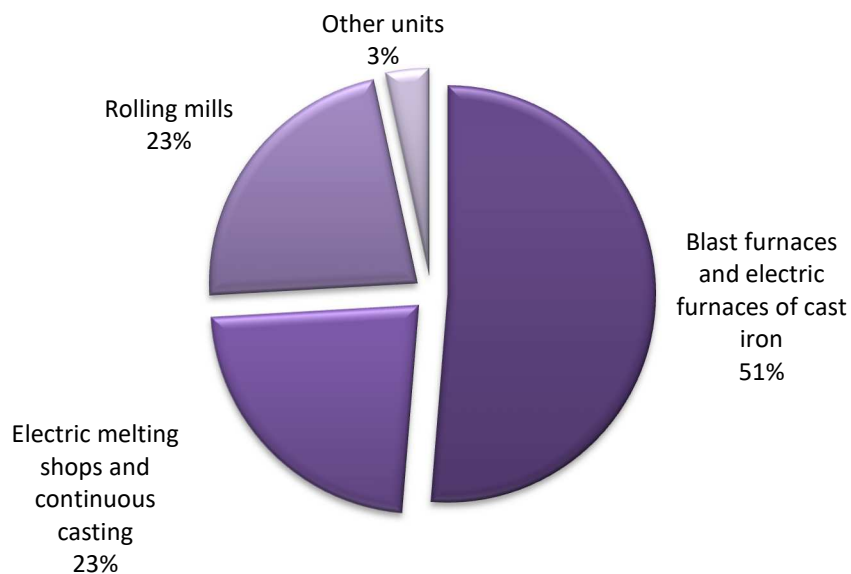
Table 2: Consumption of electricity (in MWh) in Iron and Steel Industry, by category of use, 2019-2021

	2019	2020	2021	Change %	
				2021/2020	2020/2019
Blast furnaces and electric furnaces of cast iron	512,318	477,114	560,719	17.5	-6.9
Electric melting shops and continuous casting	201,459	211,261	249,085	17.9	4.9
Rolling mills	216,762	215,413	246,234	14.3	-0.6
Other units	46,935	54,272	37,103	-31.6	15.6
Total	977,474	958,060	1,093,141	14.1	-2.0

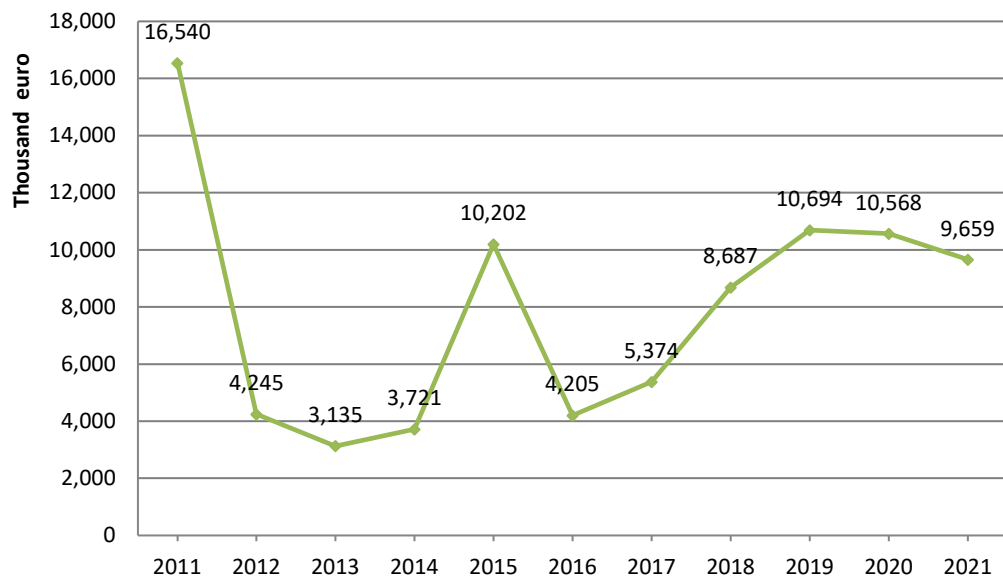
Graph 2a: Consumption of electricity in Iron and Steel Industry, by category of use, 2019-2021



Graph 2b: Percentage distribution of electricity consumption in Iron and Steel Industry, by category of use, 2021



Graph 3: Total investment in Iron and Steel Industry, 2011-2021



EXPLANATORY NOTES

<i>Survey on the Iron and Steel Industry</i>	<p>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.</p>
<i>Legal framework</i>	<p>The survey is conducted in the framework of the Regulation 48/2004 of the European Parliament and of the Council.</p>
<i>Reference period</i>	<p>Year 2021.</p>
<i>Coverage</i>	<p>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.</p>
<i>Statistical Unit</i>	<p>The statistical unit is the factory, classified in group 24.5 of Nace Rev.2, manufacturing cast iron and steel products, or similar products.</p>
<i>Methodology</i>	<p>The survey is conducted on a census basis.</p>
<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>	<p>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".</p>