



**HELLENIC REPUBLIC**  
**HELLENIC STATISTICAL AUTHORITY**

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## **PRESS RELEASE**

### **SURVEY ON IRON AND STEEL INDUSTRY: 2018**

The Hellenic Statistical Authority (ELSTAT) announces the results of the Annual Survey on Iron and Steel Industry, for the year 2018. More specifically:

- The total quantity of scrap for use in the iron and steel industry recorded an increase of 5.1% in 2018 compared with 2017. An increase of 16.1% had been recorded in the corresponding quantity of scrap in 2017 compared with 2016 (Table 1).
- The total quantity of scrap consumed by the iron and steel industry increased by 9.6% in 2018 compared with 2017. In 2017, an increase of 16.4% had been recorded in the corresponding quantity of scrap consumed compared with 2016 (Table 1).
- The consumption of electricity in the iron and steel industry increased by 6.5% in 2018 compared with 2017. In 2017, an increase of 15.4% had been recorded in the corresponding consumption of electricity compared with 2016 (Table 2).
- The total investment in the iron and steel industry amounted to 8.7 million euro. In 2017 and 2016 total investment amounted to 5.4 and 4.2 million euro respectively (Graph 3).

**Information for methodological issues:**

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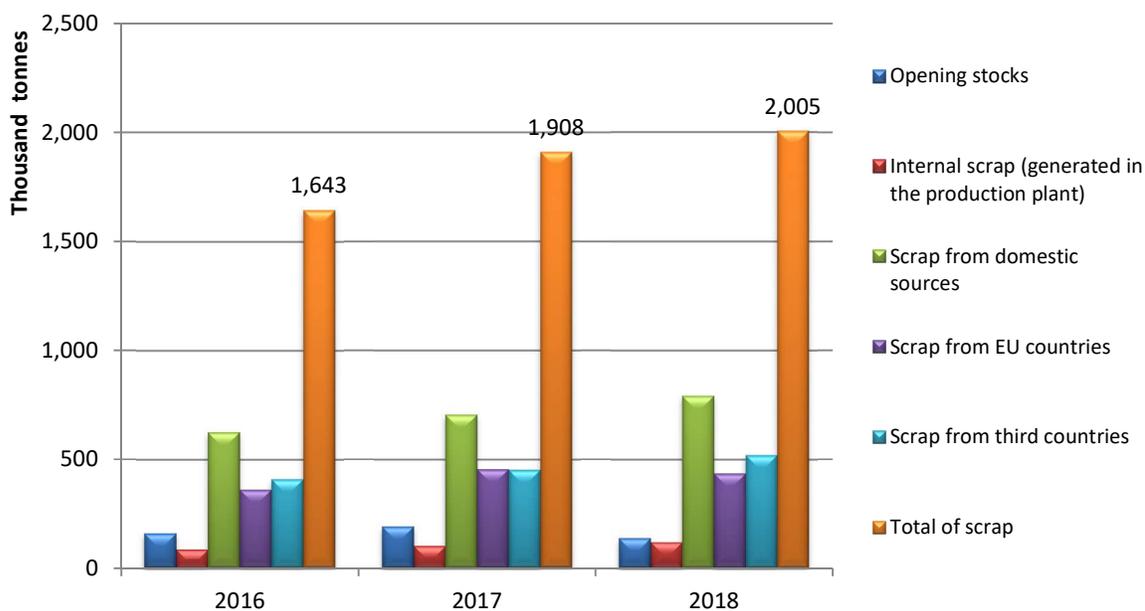
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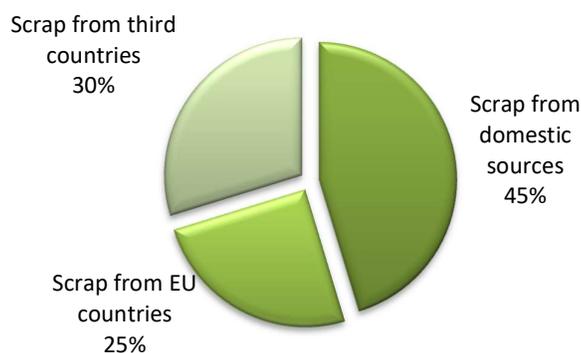
**Table 1: Scrap for use and consumption of scrap in Iron and Steel Industry by origin of scrap, 2016-2018**  
(quantities in tonnes)

	2016	2017	Change % 2017/2016	2018	Change % 2018/2017
Opening stocks	160,210	192,705	20.3	139,011	-27.9
Internal scrap (generated in the production plant)	86,764	103,663	19.5	121,712	17.4
Total scrap deliveries, of which	1,395,922	1,611,294	15.4	1,743,825	8.2
Scrap from domestic sources	624,605	704,496	12.8	790,396	12.2
Scrap from EU countries	361,774	454,839	25.7	434,827	-4.4
Scrap from third countries	409,543	451,959	10.4	518,602	14.7
<b>Scrap for use (total)</b>	<b>1,642,896</b>	<b>1,907,662</b>	<b>16.1</b>	<b>2,004,548</b>	<b>5.1</b>
<b>Consumption of scrap</b>	<b>1,337,542</b>	<b>1,557,360</b>	<b>16.4</b>	<b>1,707,248</b>	<b>9.6</b>

**Graph 1a: Scrap for use in Iron and Steel Industry by origin of scrap, 2016-2018**



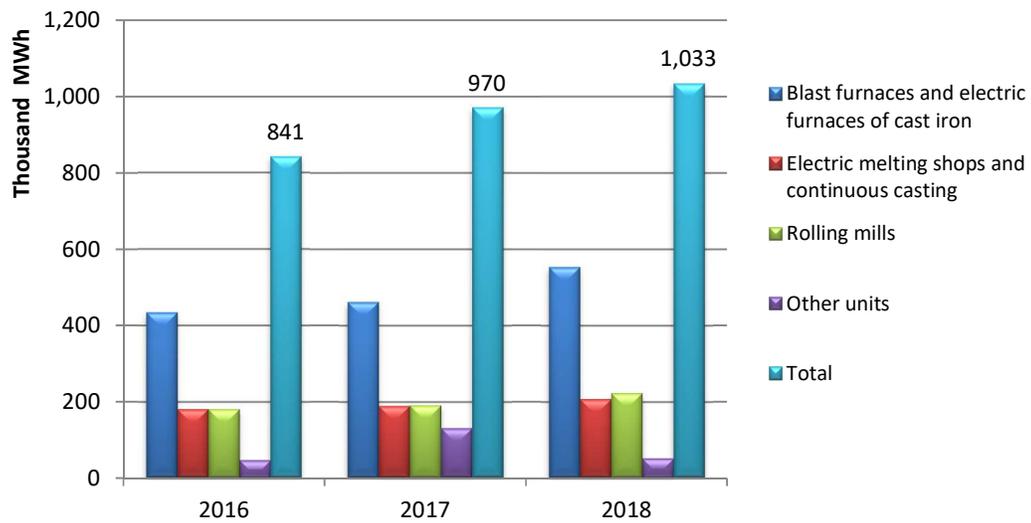
**Graph 1b: Percentage distribution of scrap deliveries by countries of origin in Iron and Steel Industry, 2018**



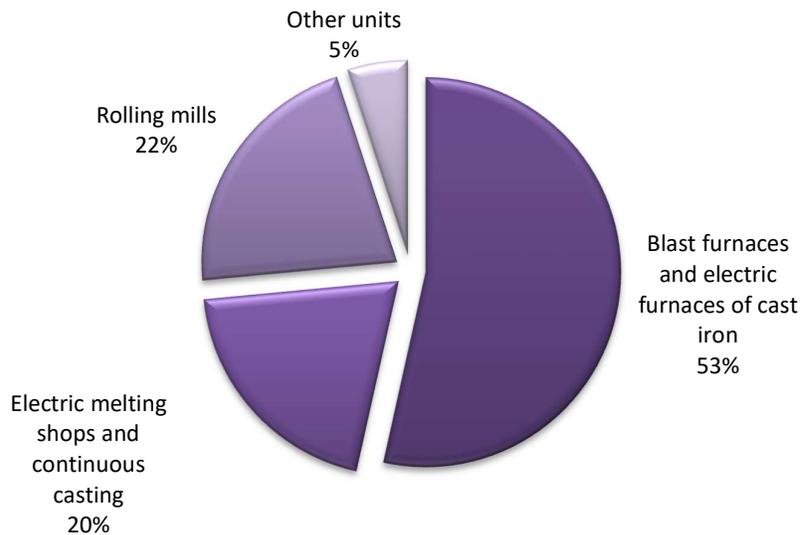
**Table 2: Consumption of electricity in Iron and Steel Industry, by use category, 2016-2018**  
(Electricity in MWh)

	2016	2017	Change % 2017/2016	2018	Change % 2018/2017
Blast furnaces and electric furnaces of cast iron	433,471	460,812	6.3	552,393	19.9
Electric melting shops and continuous casting	180,318	188,909	4.8	206,823	9.5
Rolling mills	180,261	189,986	5.4	222,063	16.9
Other units	46,704	130,350	179.1	51,689	-60.3
<b>Total</b>	<b>840,754</b>	<b>970,057</b>	<b>15.4</b>	<b>1,032,968</b>	<b>6.5</b>

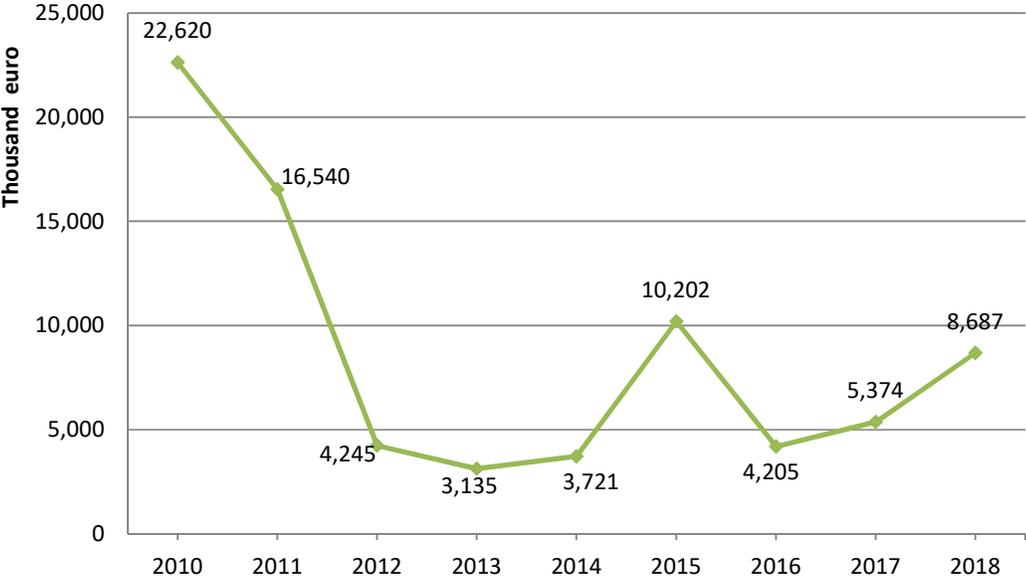
**Graph 2a: Consumption of electricity in Iron and Steel Industry, by use category, 2016-2018**



**Graph 2b: Percentage distribution of electricity consumption in Iron and Steel Industry, by use category, 2018**



Graph 3: Total investment in Iron and Steel Industry, 2010-2018



## EXPLANATORY NOTES

<b><i>Survey on the Iron and Steel Industry</i></b>	<p>The Survey on Iron and Steel Industry is a yearly conducted survey.</p> <p>The aim of the survey is to produce data on fuel consumption, investment expenditure and scrap of steel and casting of iron industries.</p>
<b><i>Legal framework</i></b>	<p>The survey is conducted in the framework of the Regulation 48/2004 of the European Parliament and of the Council.</p>
<b><i>Reference period</i></b>	<p>Year 2018.</p>
<b><i>Coverage</i></b>	<p>The survey covers all the manufacturing establishments in Greece, classified under the groups 24.51 and 24.52 of statistical classification of economic activities Nace Rev.2, namely casting of iron and steel industries.</p>
<b><i>Statistical Unit</i></b>	<p>The statistical unit is the factory manufacturing cast iron and steel products, or products classified in 24.5 group of Nace Rev.2.</p>
<b><i>Methodology</i></b>	<p>The survey is conducted on a census basis.</p>
<b><i>Variables</i></b>	<p>The main variables of the survey are:</p> <ul style="list-style-type: none"><li>- cast iron and steel scrap,</li><li>- electricity consumption,</li><li>- investment expenditure.</li></ul> <p>The scrap is measured in tones, the electricity consumption in MWh and investments in euro.</p>
<b><i>References</i></b>	<p>More information (tables, graphs, methodological notes), on the Survey on Iron and Steel Industry are available on the website of ELSTAT, <a href="http://www.statistics.gr">www.statistics.gr</a>, at the following link: "Industry, Trade, Services, Transport &gt; Manufacturing products &gt; Iron and Steel".</p>