

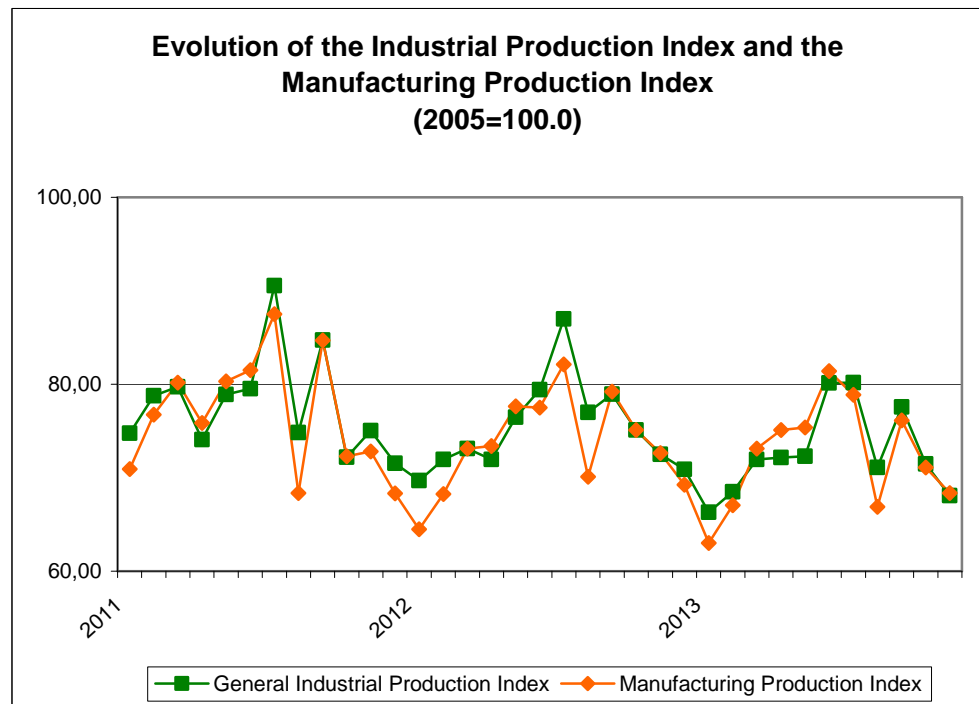


## PRESS RELEASE

### PRODUCTION INDEX IN INDUSTRY: November 2013

The Production Index in Industry (IPI) in November 2013 compared with November 2012 recorded a decline of 6.1%. In November 2012, the annual rate of change of the IPI was -3.4%.

In the 11-month period from January 2013 to November 2013, the average rate of change of the IPI was -3.9%. In November 2012, the corresponding average rate of change of the IPI was -3.6%.



Information:

Economic and Short-Term  
Indicators Division

Production Indices Section

Diamantaki Ekaterini  
Karathanos Panagiotis  
Tel: 0030 213 1352122  
Fax: 0030 213 1352738

### **1. Annual rates of change of November 2013 compared with November 2012.**

The IPI in November 2013, compared with November 2012, decreased by 6.1% due to the annual changes of the sub-indices of the industrial sections:

- a. Mining and quarrying production decreased by 17.6%.
- b. Manufacturing production decreased by 5.8%.
- c. Electricity production decreased by 3.5%.
- d. Water supply production decreased by 4.6%.

### **2. Average rates of change of the period January-November 2013 compared with January-November 2012.**

The IPI in the 11-month period January – November 2013, compared with the period January – November 2012, decreased by 3.9% due to the 11-month average rates of change of the sub-indices of the industrial sections:

- a. Mining and quarrying production decreased by 10.5%.
- b. Manufacturing production decreased by 1.9%.
- c. Electricity production decreased by 8.2%.
- d. Water supply production decreased by 2.8%.

**Table 1: Annual rates of change of the Industrial Production Index**  
(working day adjusted data, according to the real number of working days)

Base year: 2005=100.0

Branch code	Branch name	November			Rate of change (%)	
		2013*	2012	2011	2013/2012	2012/2011
	<b>TOTAL</b>	68.1	72.5	75.0	-6.1	-3.4
<b>B</b>	<b>MINING AND QUARRYING</b>	61.0	74.0	77.5	-17.6	-4.5
<b>05</b>	Mining of coal and lignite	65.6	90.7	84.9	-27.7	6.8
<b>06</b>	Extraction of crude petroleum and natural gas	84.3	96.2	106.9	-12.3	-10.0
<b>07</b>	Mining of metal ores	78.7	70.9	87.8	11.0	-19.3
<b>08</b>	Other mining and quarrying products	46.5	44.2	59.9	5.2	-26.1
<b>C</b>	<b>MANUFACTURING</b>	68.4	72.6	72.8	-5.8	-0.3
<b>10</b>	Food	74.3	78.9	85.7	-5.8	-7.9
<b>11</b>	Beverages	56.0	56.8	61.4	-1.4	-7.4
<b>12</b>	Tobacco products	87.8	68.1	86.3	28.9	-21.1
<b>13</b>	Textiles	25.1	31.9	34.1	-21.2	-6.6
<b>14</b>	Wearing apparel	30.0	36.9	33.5	-18.8	10.0
<b>15</b>	Leather and related products	30.3	31.0	38.1	-2.3	-18.5
<b>16</b>	Wood and cork	41.5	59.0	75.0	-29.7	-21.4
<b>17</b>	Paper and paper products	73.7	74.5	85.1	-1.1	-12.4
<b>18</b>	Printing and recording services	43.7	40.4	52.9	8.2	-23.6
<b>19</b>	Coke and refined petroleum products	117.4	136.0	88.8	-13.7	53.1
<b>20</b>	Chemicals and chemical products	62.8	63.4	72.9	-1.0	-13.0
<b>21</b>	Basic pharmaceutical products and pharmaceutical preparations	171.0	168.3	168.5	1.6	-0.2
<b>22</b>	Rubber and plastic products	76.1	72.3	78.1	5.4	-7.5
<b>23</b>	Other non-metallic mineral products	30.2	31.4	33.6	-4.0	-6.4
<b>24</b>	Basic metals	92.5	94.1	113.2	-1.7	-16.9
<b>25</b>	Fabricated metal products	57.5	65.4	71.1	-12.1	-8.0
<b>26</b>	Computers, electronic and optical products	35.2	19.7	21.8	78.4	-9.6
<b>27</b>	Electrical equipment	59.3	70.9	71.8	-16.3	-1.3
<b>28</b>	Machinery and equipment n. e. c.	56.2	61.1	48.2	-8.0	26.6
<b>29</b>	Motor vehicles, trailers and semi-trailers	38.3	31.2	47.2	22.8	-34.0
<b>30</b>	Other transport equipment	23.4	25.4	42.1	-7.8	-39.8
<b>31</b>	Furniture	33.2	32.8	42.4	0.9	-22.6
<b>32</b>	Other manufactured goods	44.4	46.2	55.8	-3.9	-17.3
<b>33</b>	Repair and installation services of machinery and equipment	49.3	56.8	60.9	-13.1	-6.8
<b>D</b>	<b>ELECTRICITY</b>	65.5	67.9	78.0	-3.5	-13.0
<b>35</b>	Production and distribution of electricity <sup>3</sup>	65.5	67.9	78.0	-3.5	-13.0
<b>E</b>	<b>WATER SUPPLY</b>	92.8	97.2	96.6	-4.6	0.6
<b>36</b>	Treatment and supply services of natural water	92.8	97.2	96.6	-4.6	0.6
	<b>MAIN INDUSTRIAL GROUPINGS</b>					
<b>1</b>	Energy	79.6	88.0	82.9	-9.6	6.1
<b>2</b>	Intermediate goods	62.0	63.8	71.7	-2.7	-11.1
<b>3</b>	Capital goods	40.2	44.3	50.3	-9.5	-11.9
<b>4</b>	Consumer Durables	43.4	47.7	57.2	-9.1	-16.6
<b>5</b>	Consumer Non-Durables	69.8	71.2	77.3	-2.0	-7.9

\* Provisional data

Note:

1. The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published.
2. Percentage changes are calculated on the basis of indices with infinite decimal figures and are rounded up to one decimal figure when published.
3. Only the production and distribution of electricity by the Public Power Corporation is included.

**Table 2: Average rates of change (%) of the period January – November for the years 2011-2013 of the Industrial Production Index**  
(working day adjusted data, according to the real number of working days)

Base year: 2005=100.0

Branch code	Branch name	Average indices of the period Jan.-Nov.			Rate of change (%)	
		2013*	2012	2011	2013/2012	2012/2011
	<b>TOTAL</b>	72.7	75.7	78.5	-3.9	-3.6
<b>B</b>	<b>MINING AND QUARRYING</b>	70.4	78.6	77.6	-10.5	1.3
05	Mining of coal and lignite	80.0	94.4	86.3	-15.3	9.4
06	Extraction of crude petroleum and natural gas	77.8	86.8	88.5	-10.3	-2.0
07	Mining of metal ores	76.5	77.1	88.5	-0.8	-13.0
08	Other mining and quarrying products	51.4	51.0	58.8	0.8	-13.3
<b>C</b>	<b>MANUFACTURING</b>	72.4	73.9	77.4	-1.9	-4.6
10	Food	89.3	94.4	97.4	-5.3	-3.2
11	Beverages	80.6	82.8	90.4	-2.6	-8.4
12	Tobacco products	77.6	76.6	82.3	1.3	-6.9
13	Textiles	23.2	26.2	33.1	-11.4	-20.9
14	Wearing apparel	32.6	33.8	36.4	-3.5	-7.2
15	Leather and related products	29.2	29.3	44.4	-0.5	-33.9
16	Wood and cork	40.3	54.0	77.2	-25.4	-30.1
17	Paper and paper products	78.3	77.5	86.6	1.0	-10.5
18	Printing and recording services	40.1	44.6	57.5	-10.2	-22.4
19	Coke and refined petroleum products	122.7	116.0	93.8	5.8	23.6
20	Chemicals and chemical products	73.7	72.4	83.5	1.9	-13.3
21	Basic pharmaceutical products and pharmaceutical preparations	164.0	145.4	152.3	12.8	-4.5
22	Rubber and plastic products	73.7	72.8	80.7	1.3	-9.8
23	Other non-metallic mineral products	32.1	32.4	39.4	-1.0	-17.7
24	Basic metals	87.7	93.9	99.8	-6.7	-5.9
25	Fabricated metal products	59.7	68.3	76.7	-12.5	-11.0
26	Computers, electronic and optical products	27.5	21.8	22.5	25.7	-2.8
27	Electrical equipment	59.2	66.6	71.5	-11.1	-6.8
28	Machinery and equipment n. e. c.	50.7	49.6	59.1	2.1	-16.1
29	Motor vehicles, trailers and semi-trailers	38.7	42.0	48.4	-8.0	-13.1
30	Other transport equipment	18.7	20.8	36.1	-9.9	-42.5
31	Furniture	27.7	34.4	49.4	-19.4	-30.5
32	Other manufactured goods	45.6	47.5	54.3	-4.1	-12.6
33	Repair and installation services of machinery and equipment	40.7	46.7	54.4	-13.0	-14.1
<b>D</b>	<b>ELECTRICITY</b>	69.8	76.0	78.2	-8.2	-2.8
35	Production and distribution of electricity <sup>3</sup>	69.8	76.0	78.2	-8.2	-2.8
<b>E</b>	<b>WATER SUPPLY</b>	101.1	104.0	102.7	-2.8	1.3
36	Treatment and supply services of natural water	101.1	104.0	102.7	-2.8	1.3
	<b>MAIN INDUSTRIAL GROUPINGS</b>					
1	Energy	85.4	89.3	84.8	-4.3	5.3
2	Intermediate goods	62.3	64.4	72.4	-3.3	-11.1
3	Capital goods	35.6	40.3	48.6	-11.8	-17.1
4	Consumer Durables	39.6	46.6	57.3	-15.1	-18.7
5	Consumer Non-Durables	81.7	83.2	88.5	-1.9	-5.9

\* Provisional data

Note:

1. The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published.
2. Percentage changes are calculated on the basis of indices with infinite decimal figures and are rounded up to one decimal figure when published.
3. Only the production and distribution of electricity by the Public Power Corporation is included.

**Table 3: Monthly changes of the Industrial Production Index***(working day adjusted data, according to the real number of working days)***Base year: 2005=100.0**

Branch code	Branch name	November	October	Rate of change (%)
		2013*	2013**	Nov.13/Oct.13
	<b>TOTAL</b>	68.1	71.5	-4.8
<b>B</b>	<b>MINING AND QUARRYING</b>	61.0	74.7	-18.4
05	Mining of coal and lignite	65.6	80.4	-18.5
06	Extraction of crude petroleum and natural gas	84.3	70.8	19.2
07	Mining of metal ores	78.7	84.9	-7.3
08	Other mining and quarrying products	46.5	62.1	-25.1
<b>C</b>	<b>MANUFACTURING</b>	68.4	71.1	-3.9
10	Food	74.3	85.5	-13.1
11	Beverages	56.0	56.1	-0.2
12	Tobacco products	87.8	81.2	8.1
13	Textiles	25.1	25.4	-0.9
14	Wearing apparel	30.0	30.1	-0.4
15	Leather and related products	30.3	33.4	-9.1
16	Wood and cork	41.5	42.8	-3.1
17	Paper and paper products	73.7	77.8	-5.3
18	Printing and recording services	43.7	40.4	8.3
19	Coke and refined petroleum products	117.4	113.6	3.3
20	Chemicals and chemical products	62.8	71.3	-12.0
21	Basic pharmaceutical products and pharmaceutical preparations	171.0	193.2	-11.5
22	Rubber and plastic products	76.1	77.6	-1.8
23	Other non-metallic mineral products	30.2	34.1	-11.6
24	Basic metals	92.5	92.1	0.5
25	Fabricated metal products	57.5	62.5	-7.9
26	Computers, electronic and optical products	35.2	32.3	9.0
27	Electrical equipment	59.3	55.8	6.3
28	Machinery and equipment n. e. c.	56.2	48.6	15.6
29	Motor vehicles, trailers and semi-trailers	38.3	44.0	-13.0
30	Other transport equipment	23.4	25.3	-7.5
31	Furniture	33.2	33.3	-0.5
32	Other manufactured goods	44.4	43.5	2.0
33	Repair and installation services of machinery and equipment	49.3	45.8	7.6
<b>D</b>	<b>ELECTRICITY</b>	65.5	67.1	-2.3
35	Production and distribution of electricity <sup>3</sup>	65.5	67.1	-2.3
<b>E</b>	<b>WATER SUPPLY</b>	92.8	101.4	-8.4
36	Treatment and supply services of natural water	92.8	101.4	-8.4
	<b>MAIN INDUSTRIAL GROUPINGS</b>			
1	Energy	79.6	81.9	-2.8
2	Intermediate goods	62.0	65.6	-5.5
3	Capital goods	40.2	39.4	2.0
4	Consumer Durables	43.4	41.2	5.3
5	Consumer Non-Durables	69.8	76.7	-9.0

\* Provisional data    \*\* Revised data

Note:

1. The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published.
2. Percentage changes are calculated on the basis of indices with infinite decimal figures and are rounded up to one decimal figure when published.
3. Only the production and distribution of electricity by the Public Power Corporation is included.

**Table 4: Comparisons of the overall Industrial Production Index***(working day adjusted data, according to the real number of working days)***Base year: 2005=100.0**

Year and month	Overall index	Monthly rates of change %	Annual rates of change %	Annual average index (moving average)	Annual average rates of change %
2010: 1	77.7	-8.4	-4.2	89.4	-8.7
2	81.9	5.4	-9.8	88.7	-9.0
3	86.4	5.5	-3.9	88.4	-8.8
4	82.6	-4.4	-6.2	87.9	-8.2
5	87.0	5.3	-4.6	87.6	-7.9
6	91.7	5.4	-4.1	87.3	-7.1
7	92.3	0.7	-8.4	86.6	-6.9
8	83.9	-9.1	-0.5	86.5	-6.1
9	85.1	1.4	-10.1	85.7	-6.2
10	82.9	-2.5	-5.0	85.4	-5.8
11	81.0	-2.3	-8.0	84.8	-6.0
12	80.7	-0.4	-4.9	84.4	-5.9
<i>Annual average</i>	84.4	-	-	84.4	-5.9
2011: 1	74.8	-7.3	-3.8	84.2	-5.9
2	78.8	5.4	-3.8	83.9	-5.4
3	79.7	1.2	-7.7	83.4	-5.7
4	74.1	-7.1	-10.3	82.7	-6.0
5	78.9	6.5	-9.3	82.0	-6.4
6	79.5	0.8	-13.3	81.0	-7.2
7	90.5	13.8	-1.9	80.8	-6.6
8	74.8	-17.4	-10.9	80.1	-7.5
9	84.7	13.2	-0.4	80.0	-6.6
10	72.2	-14.8	-13.0	79.1	-7.3
11	75.0	3.9	-7.4	78.6	-7.2
12	71.5	-4.7	-11.3	77.9	-7.8
<i>Annual average</i>	77.9	-	-	77.9	-7.8
2012: 1	69.5	-2.9	-7.0	77.4	-8.0
2	71.8	3.3	-8.9	76.9	-8.4
3	73.1	1.8	-8.4	76.3	-8.5
4	71.9	-1.6	-2.9	76.1	-7.9
5	76.5	6.4	-3.0	75.9	-7.4
6	79.5	4.0	0.0	75.9	-6.2
7	87.0	9.3	-4.0	75.6	-6.4
8	77.0	-11.5	2.9	75.8	-5.3
9	78.6	2.2	-7.2	75.3	-5.9
10	75.0	-4.6	3.9	75.5	-4.6
11	72.5	-3.4	-3.4	75.3	-4.2
12	70.5	-2.8	-1.5	75.2	-3.4
<i>Annual average</i>	75.2	-	-	75.2	-3.4
2013: 1	66.3	-5.9	-4.6	75.0	3.3
2	68.5	3.3	-4.5	74.7	-2.8
3	72.0	5.0	-1.5	74.6	-2.2
4	72.2	0.4	0.5	74.6	-2.0
5	72.3	0.1	-5.5	74.3	-2.2
6	80.1	10.9	0.7	74.3	-2.1
7	80.2	0.0	-7.8	73.8	-2.5
8	71.1	-11.3	-7.6	73.3	-3.4
9	77.6	9.1	-1.3	73.2	-2.8
10	71.5	-7.9	-4.7	72.9	-3.5
11*	68.1	-4.8	-6.1	72.5	-3.7

\* Provisional data

*Note:*

1. The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published.
2. Percentage changes are calculated on the basis of indices with infinite decimal figures and are rounded up to one decimal figure when published.

## **METHODOLOGICAL NOTES**

<b>Generally</b>	The Industrial Production Index (IPI) is being compiled since 1959.
<b>Purpose of the index</b>	The IPI is an important business cycle indicator, which shows the monthly activity in the Mining-Quarrying, Manufacturing, Electricity and Water Supply sectors. A more specific object of the Industrial Production Index is to compare the magnitude (volume) of the current month's output at any given time with the corresponding figure for a given base period. The IPI shows the evolution of value added, at factor cost, of production, at constant prices.
<b>Legal basis</b>	The compilation of IPI is governed by Council Regulation (EEC) No.1165/98 "concerning short-term statistics". Furthermore, the IPI is governed by the Regulation (EEC) No.1893/2006 of the European Parliament and of the Council, by the Commission Regulation (EEC) No.656/2007 and by the Regulation (EEC) No.451/2008 of the Council.
<b>Reference period</b>	Month
<b>Base year</b>	2005=100.0.
<b>Revision</b>	The IPI is a fixed base index. Pursuant to the provisions of Council Regulation No 1165/98 concerning short-term statistics, the index in question is updated every five (5) years in years ending in 0 or 5.
<b>Statistical classifications</b>	At the level of categories of economic activities the new Eurostat classification NACE Rev. 2 was used (Regulation 1893/2006), while at the level of main industrial groups, the allocation of two-digit and three-digit NACE Rev. 2 headings to categories of aggregate classification was used, in accordance with the Council Regulation 656/2007. At product level, the new Eurostat classification CPA 2008 was used, according to the Council Regulation 451/2008.
<b>Geographical coverage</b>	The Index covers the whole country.
<b>Coverage of economic activities</b>	The index covers all the sections of industry, the main industrial groups, all the levels of economic activities (divisions, groups, classes) and the level of products.
<b>Statistical survey</b>	The data are collected from a sample of 1,468 enterprises. The survey covers a total of 349 products and the measurement of the surveyed products is made in terms of output quantities or in terms of production value or turnover, according to the specific situation in each branch of economic activity.
<b>Publication of data</b>	<p>The IPI with the new base year (2005) is being released since March 2009 with January 2009 as first reference month. Data with base year 2005=100.0 are available from January 2000 onwards.</p> <p>More information about the methodology concerning the compilation and calculation of the index and for the time series is available on the Hellenic Statistical Authority (ELSTAT) website (<a href="http://www.statistics.gr">www.statistics.gr</a>).</p>