INDUSTRIAL PRODUCTION\textsuperscript{1} DECREASED BY 0.7% IN SEPTEMBER 2017 COMPARED TO AUGUST

- In September 2017, industrial production increased by 16.5\% as gross series compared to the previous month and was down 0.7\% as series adjusted by number of working days and seasonality.
- Compared to the same month of the previous year, industrial production rose by 4.2\% as gross series and was up 7.6\% as series adjusted by number of working days and seasonality.
- In the 1.I-30.IX.2017 period, industrial production increased by 7.7\% as gross series compared to the 1.I-30.IX.2016 period and rose by 8.7\% as series adjusted by number of working days and seasonality.

Monthly evolution of industrial production
- January 2010-September 2017 -
- series adjusted by number of working days and seasonality -

The data of the graph in xls format

In September 2017, industrial production (the gross series) increased by 16.5\% compared to the previous month due to a rise in manufacturing (+18.7\%). Drops were reported for the electricity, gas, steam and air conditioning supply (-2.7\%) and mining and quarrying (-0.8\%).

Industrial production (the series adjusted by number of working days and seasonality) was down 0.7\% from the previous month. Decreases were recorded for manufacturing (-1.5\%) and mining and quarrying (-1.3\%). An increase was reported for the electricity, gas, steam and air conditioning supply (+1.0\%).

\textsuperscript{1} Industrial production – the series adjusted by number of working days and seasonality
Compared to the same month of the previous year, industrial production (the gross series) increased by 4.2% due to rises in all industrial sectors: mining and quarrying (+11.1%), manufacturing (+4.2%) and the electricity, gas, steam and air conditioning supply (+1.9%).

Industrial production (the series adjusted by number of working days and seasonality) rose by 7.6% due to increases in mining and quarrying (+11.4%), manufacturing (+7.6%) and the electricity, gas, steam and air conditioning supply (+2.6%).

In the 1.I-30.IX.2017 period, industrial production (the gross series) was up 7.7% from the 1.I-30.IX.2016 period due to rises in the three industrial sectors: manufacturing (+8.3%), mining and quarrying (+5.8%) and the electricity, gas, steam and air conditioning supply (+1.8%).

In the 1.I-30.IX.2017 period, industrial production (the series adjusted by number of working days and seasonality) rose by 8.7% compared to the 1.I-30.IX.2016 period due to increases in manufacturing (+8.9%), mining and quarrying (+5.1%) and the electricity, gas, steam and air conditioning supply (+2.3%).

### Industrial Production Indices, for the total and by section of industry

- percentages -

<table>
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<th>Industrial Production Index – IPI</th>
<th>September 2017 compared to:</th>
<th>1.I-30.IX.2017/1.I-30.IX.2016</th>
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<tr>
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<td>August 2017</td>
<td>September 2016</td>
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<tr>
<td>TOTAL</td>
<td>G</td>
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</tr>
<tr>
<td></td>
<td>S</td>
<td>99.3</td>
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<tr>
<td>Mining and quarrying</td>
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<td>S</td>
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</tbody>
</table>

G = gross series; S = series adjusted by number of working days and seasonality

The data of the table in xls format

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**Additional information:**

- The industrial production index (IPI) is a volume index and measures the evolution of the results of industrial activities in one period compared to another.
- The industrial production indices describe the evolution of industry overall, by CANE Rev. 2 sections (mining and quarrying, manufacturing, the electricity, gas, steam and air conditioning supply) and divisions, as well as by main industrial groupings.
- The indices are calculated on the basis of a sample of representative products that are grouped into 777 CPSA 2012 elementary subclasses, for which quantitative data regarding the production achieved are recorded. The aggregation of the primary indices is done through a system of successive weightings; the first aggregated indices are those at the CANE Rev. 2 subclass level, and the next levels are determined as a weighted arithmetic mean of the indices of the immediately lower level.
- Beside the gross indices of industrial production, indices that are adjusted by number of working days and seasonality are also calculated on a monthly basis, through the regressive method, using the JDEMETRA+ v2.0 software package (the TRAMO/SEATS method).
For an accurate interpretation of the indicators, please see the Methodological explanations attached to the press release on the homepage.
For more information, see the Monthly Statistical Bulletin (date of issue 27 November 2017) and the Industry Statistical Bulletin (date of issue 17 November 2017), as well as the TEMPO online database of the NIS (the data for September 2017 will be available as of 13 November 2017).
Comparative data at EU level can be obtained from the Eurostat press release which comes out on Tuesday, 14 November 2017, and which can be accessed at the following address: http://ec.europa.eu/eurostat/web/main.
The next press release on industrial production indices will be issued on Wednesday, 13 December 2017.

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