

## Industrial Production Indices – April 2017

### In April 2017, manufacturing output fell back (–1.2%)

**Please note:** all the series are seasonally (SA) and working-day adjusted (WDA) and SA-WDA models have been updated for this publication.

The commentary shows variations of subsections by decreasing contribution. The contribution of a subsection depends on the extent of the change and on its weight.

In April 2017, output slipped back in the manufacturing industry (–1.2% after +2.8% in March), and, to a lesser extent, in the whole industry (–0.5% after +2.2%).

**Over the last three months, manufacturing output was virtually stable (–0.1%)**

Manufacturing output remained virtually stable over the last three months in the manufacturing industry (–0.1%). It decreased in the overall industry (–0.7%).

Output decreased markedly in mining and quarrying, energy, water supply (–4.9%) and in the manufacture of transport equipment (–1.6%). It tumbled in the manufacture of coke and refined petroleum products (–10.9%). Conversely, it grew in the manufacture of food products and beverages (+0.7%). It was virtually stable in “other manufacturing” (+0.1%) and in the manufacture of machinery and equipment goods (+0.1%).

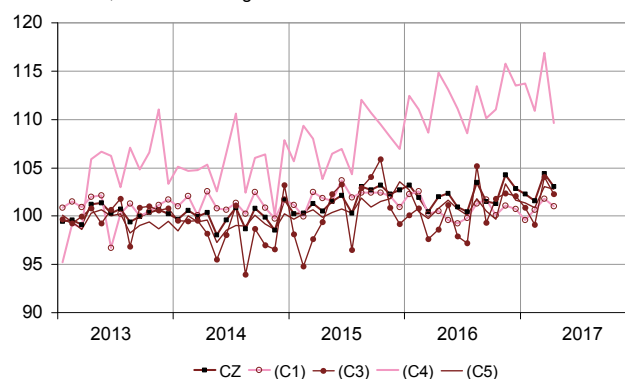
**Over a year, manufacturing output went up (+1.6%)**

Manufacturing output of the last three months increased compared to the same months of 2016 (+1.6%). It went up more moderately in the whole industry (+0.8%).

Over a year, output increased sharply in “other manufacturing” (+1.9%) and in the manufacture of machinery and equipment goods (+2.9%). It also rose in the manufacture of transport equipment (+0.9%). It was stable in the manufacture of food products and beverages. By contrast, it decreased steeply in mining and quarrying, energy, water supply (–3.7%) and in the manufacture of coke and refined petroleum products (–6.1%).

### Monthly Industrial Production Indices

2010 based, SA-WDA changes in %



Legend: CZ: Manufacturing - (C1): Manufacture of food products and beverages - (C3): Machinery and equipment goods - (C4): Manufacture of transport equipment - (C5): Other manufacturing  
Sources: INSEE, SSP, SDES

### Variation in the Industrial Production

2010 based, SA-WDA changes in %

	April / March	March / Feb.	Q-o-Q change (1)	Year-on-year change (2)
<b>NA : A10, (A17)</b>				
<b>BE: INDUSTRY</b>	<b>–0.5</b>	<b>2.2</b>	<b>–0.7</b>	<b>0.8</b>
<b>CZ: Manufacturing</b>	<b>–1.2</b>	<b>2.8</b>	<b>–0.1</b>	<b>1.6</b>
(C1): Manufacture of food products and beverages	–0.7	1.1	0.7	0.0
(C2): Manufacture of coke and refined petroleum products	9.2	–3.0	–10.9	–6.1
(C3): Machinery and equipment goods	–1.6	4.9	0.1	2.9
(C4): Manufacture of transport equipment	–6.2	5.4	–1.6	0.9
(C5): Other manufacturing	–0.2	2.1	0.1	1.9
<b>DE: Mining and quarrying; energy; water supply; waste management</b>	<b>4.4</b>	<b>–1.4</b>	<b>–4.9</b>	<b>–3.7</b>
<b>FZ: CONSTRUCTION</b>	<b>3.4</b>	<b>–5.4</b>	<b>1.1</b>	<b>6.5</b>

(1) Last three months / previous three months

(2) Last three months / same three months of previous year

The codes correspond to the level of aggregation A 10 (A 17) of the “NA” aggregated classification based on the French classification of activities NAF rev.2.

Sources: INSEE, SSP, SDES

## Variation in the Industrial Production

2010 based, SA-WDA changes in %

NA : A10, (A17), [A38 or A64]	April 2017	April / March	March / Feb.	Quarter-on-quarter change
<b>BE: INDUSTRY</b>	<b>102.1</b>	<b>-0.5</b>	<b>2.2</b>	<b>-0.7</b>
<b>CZ: Manufacturing</b>	<b>103.1</b>	<b>-1.2</b>	<b>2.8</b>	<b>-0.1</b>
<b>(C1): Man. of food products and beverages</b>	<b>101.0</b>	<b>-0.7</b>	<b>1.1</b>	<b>0.7</b>
<b>(C2): Man. of coke and refined petroleum products</b>	<b>85.9</b>	<b>9.2</b>	<b>-3.0</b>	<b>-10.9</b>
<b>(C3): Machinery and equipment goods</b>	<b>102.3</b>	<b>-1.6</b>	<b>4.9</b>	<b>0.1</b>
[CI] Man. of computer, electronic and optical products	107.7	-0.8	0.7	1.5
[CJ] Man. of electrical equipment	88.3	-0.7	-1.0	-1.8
[CK] Man. of machinery and equipment n.e.c. (1)	105.1	-2.9	13.0	-0.5
<b>(C4): Man. of transport equipment</b>	<b>109.6</b>	<b>-6.2</b>	<b>5.4</b>	<b>-1.6</b>
[CL1] Man. of motor vehicles, trailers and semi-trailers	99.5	-6.3	3.6	-3.6
[CL2] Man. of other transport equipment	119.7	-6.1	6.9	0.1
<b>(C5): Other manufacturing</b>	<b>102.8</b>	<b>-0.2</b>	<b>2.1</b>	<b>0.1</b>
[CB] Man. of textiles, wearing apparel, leather and related products	88.8	-1.4	7.2	-2.8
[CC] Man. of wood and paper products; printing and reproduction of recorded media	86.7	0.2	0.2	2.3
[CE] Man. of chemicals and chemical products	122.8	-0.5	4.7	0.7
[CF] Man. of basic pharmaceutical products and pharmaceutical preparations	121.4	8.5	-0.8	-3.8
[CG] Man. of rubber and plastics products, and other non-metallic mineral products	99.4	-2.0	1.0	1.9
[CH] Man. of basic metals and fabricated metal products, except machinery and equipment	97.9	-0.3	1.8	1.3
[CM] Other manufacturing; repair and installation of machinery and equipment	98.8	-3.2	3.0	-0.3
<b>DE: Mining and quarrying; energy; water supply; waste management</b>	<b>96.1</b>	<b>4.4</b>	<b>-1.4</b>	<b>-4.9</b>
[BZ] Mining and quarrying	94.6	-2.1	-4.1	5.8
[DZ] Electricity, gas, steam and air-conditioning supply	95.3	5.6	-0.9	-6.3
[EZ] Water supply; sewerage, waste management and remediation	103.7	0.3	-2.9	-0.4
<b>FZ: CONSTRUCTION</b>	<b>89.7</b>	<b>3.4</b>	<b>-5.4</b>	<b>1.1</b>
<b>MIGs (2)</b>				
Capital goods	104.0	-3.7	5.1	0.3
Intermediate goods	99.9	-0.9	1.2	0.3
Consumer durables	109.9	0.3	4.7	1.2
Consumer non-durables	106.1	1.5	1.2	-0.7
Energy	95.3	5.1	-1.2	-5.9

(1) n.e.c. : not elsewhere classifiable

(2) Main industrial groupings: definition in Commission regulation EC of 14 June 2007

Sources: INSEE, SSP, SDES

## In April, output fell back sharply in the manufacture of transport equipment (-6.2% after +5.4%)

Output fell back markedly in the manufacture of other transport equipment (-6.1% after +6.9%) and in the manufacture of motor vehicles, trailers and semi-trailers (-6.3% after +3.6%).

## It slipped back in the manufacture of machinery and equipment goods (-1.6% after +4.9%)

Output fell back in the manufacture of machinery and equipment n.e.c. (-2.9% after +13.0%) and in the manufacture of computer, electronic and optical products (-0.8% after +0.7%). It decreased again in the manufacture of electrical equipment (-0.7% after -1.0%).

## Output diminished slightly in "other manufacturing" (-0.2% after +2.1%)

Output slipped back sharply in "other manufacturing; repair and installation of machinery and equipment" (-3.2%) and in the manufacture of rubber and plastics products and other non-metallic mineral products (-2.0%). It fell in the manufacture of basic metals and fabricated metal products, except machinery and equipment (-0.3%) and in chemicals (-0.5%). Conversely, it soared in pharmaceuticals (+8.5%).

## Output declined in the manufacture of food products and beverages (-0.7% after +1.1%)

Output fell back in the manufacture of food products and beverages (-0.7% after +1.1%), due to a downturn in the "manufacture of other food products".

## Output bounced back in mining and quarrying, energy, water supply, waste management (+4.4% after -1.4%)

Output bounced back markedly in electricity, gas, steam and air-conditioning supply (+4.4% after -1.4%), from a relatively low level of activity in February and in March, due to fairly mild temperatures.

## Output rallied strongly in the manufacture of coke and refined petroleum products (+9.2% after -3.0%)

Output bounced back sharply in the manufacture of coke and refined petroleum products (+9.2% after -3.0%), as a refinery returned to full production after some maintenance in March.

## Revision of variations

(in percentage point)

	March / Feb.	Feb. / Jan.	Jan. / Dec.	Q1 2017 / Q4 2016	2016 / 2015
<b>Industry (BE)</b>	<b>0.26</b>	<b>0.02</b>	<b>0.12</b>	<b>0.23</b>	<b>-0.01</b>
raw serie	0.27	0.11	0.07	0.25	-0.01
SA-WDA parameters	-0.01	-0.09	0.05	-0.02	0.00
<b>Manufacturing (CZ)</b>	<b>0.26</b>	<b>0.03</b>	<b>0.12</b>	<b>0.24</b>	<b>-0.01</b>
raw serie	0.33	0.11	0.09	0.29	-0.01
SA-WDA parameters	-0.07	-0.08	0.03	-0.05	0.00

How to read it: in the manufacturing sector, the SA-WDA variation between February 2017 and March 2017 is revised by +0.26 points, +0.33 points are due to the revision of the raw series and -0.07 points to the updating of the SA-WDA parameters.

Sources: INSEE, SSP, SDES

## For more information:

- Complementary data (long series) and metadata (methodology, linked internet pages, etc.) are available on the web page of this index: <https://www.insee.fr/en/statistiques?debut=0&theme=30&conjoncture=3>
- Historical data is available on the BDM: [http://www.bdm.insee.fr/bdm2/choixTheme?request\\_locale=en&code=30#arbo:montrerbranches=theme254](http://www.bdm.insee.fr/bdm2/choixTheme?request_locale=en&code=30#arbo:montrerbranches=theme254)
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