

# Informations *Rapides*

7 décembre 2018 - n° 321



## Main indicators

### Industrial Production Indices – October 2018

## In October 2018, manufacturing output bounced back (+1.4%)

**Please note:** all series are seasonally (SA) and working-day adjusted (WDA).

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 October 2018, output bounced back in the manufacturing industry (+1.4% after -1.9% in September), as well as in the whole industry (+1.2% after -1.6%).

### Manufacturing output was virtually stable over the last three months

Manufacturing output was virtually stable over the last three months and it grew slightly in the whole industry (+0.2%).

Over the last three months, output increased in “other manufacturing” (+0.7%) and in the manufacture of machinery and equipment goods (+0.9%). It expanded sharply in the manufacture of coke and refined petroleum products (+8.1%). It grew also slightly in mining and quarrying, energy, water supply (+0.3%). Conversely, it diminished in the manufacture of transport equipment (-1.7%) and in the manufacture of food products and beverages (-1.2%).

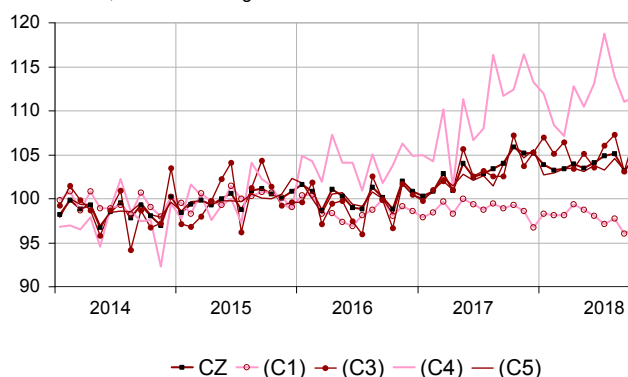
### Over a year, manufacturing output was virtually stable

Output of the last three months was virtually stable compared to the same quarter of 2017 both in the manufacturing industry and in the whole industry.

Over a year, output of the last three months decreased sharply in the manufacture of food products and beverages (-2.4%) and in the manufacture of transport equipment (-1.2%). On the contrary, it expanded again in the manufacture of machinery and equipment goods (+1.7%), and increased more slightly in “other manufacturing” (+0.3%) and in mining and quarrying, energy, water supply (+0.3%). It was stable in the manufacture of coke and refined petroleum products (+0.0%).

### Monthly Industrial Production Indices

2015 based, SA-WDA changes in %



Sources: INSEE, SSP, SDES

### Variation in the Industrial Production

2015 based, SA-WDA changes in %

|                                                                         | Oct.<br>/ Sept. | Sept.<br>/ Aug. | Q-o-Q<br>change<br>(1) | Year-on-<br>year<br>change<br>(2) |
|-------------------------------------------------------------------------|-----------------|-----------------|------------------------|-----------------------------------|
| <b>NA : A10, (A17)</b>                                                  |                 |                 |                        |                                   |
| <b>BE: INDUSTRY</b>                                                     | <b>1.2</b>      | <b>-1.6</b>     | <b>0.2</b>             | <b>-0.1</b>                       |
| <b>CZ: Manufacturing</b>                                                | <b>1.4</b>      | <b>-1.9</b>     | <b>0.1</b>             | <b>-0.1</b>                       |
| (C1): Manufacture of food products and beverages                        | 0.7             | -1.7            | -1.2                   | -2.4                              |
| (C2): Manufacture of coke and refined petroleum products                | -1.8            | 0.8             | 8.1                    | 0.0                               |
| (C3): Machinery and equipment goods                                     | 3.9             | -3.9            | 0.9                    | 1.7                               |
| (C4): Manufacture of transport equipment                                | 0.5             | -2.5            | -1.7                   | -1.2                              |
| (C5): Other manufacturing                                               | 1.2             | -1.3            | 0.7                    | 0.3                               |
| <b>DE: Mining and quarrying; energy; water supply; waste management</b> | <b>0.3</b>      | <b>0.0</b>      | <b>0.3</b>             | <b>0.3</b>                        |
| <b>FZ: CONSTRUCTION</b>                                                 | <b>-5.9</b>     | <b>3.6</b>      | <b>0.9</b>             | <b>0.4</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

2015 based, SA-WDA changes in %

| NA : A10, (A17), [A38 or A64]                                                           | Oct. 2018    | Oct. / Sept. | Sept. / Aug. | Quarter-on-quarter change |
|-----------------------------------------------------------------------------------------|--------------|--------------|--------------|---------------------------|
| <b>BE: INDUSTRY</b>                                                                     | <b>104.0</b> | <b>1.2</b>   | <b>-1.6</b>  | <b>0.2</b>                |
| <b>CZ: Manufacturing</b>                                                                | <b>104.6</b> | <b>1.4</b>   | <b>-1.9</b>  | <b>0.1</b>                |
| (C1): Man. of food products and beverages                                               | 96.7         | 0.7          | -1.7         | -1.2                      |
| (C2): Man. of coke and refined petroleum products                                       | 96.3         | -1.8         | 0.8          | 8.1                       |
| (C3): Machinery and equipment goods                                                     | 107.1        | 3.9          | -3.9         | 0.9                       |
| [CI] Man. of computer, electronic and optical products                                  | 112.6        | 1.6          | -1.9         | 2.9                       |
| [CJ] Man. of electrical equipment                                                       | 98.5         | 3.6          | -4.9         | -1.9                      |
| [CK] Man. of machinery and equipment n.e.c. (1)                                         | 106.8        | 6.6          | -5.5         | 0.4                       |
| (C4): Man. of transport equipment                                                       | 111.6        | 0.5          | -2.5         | -1.7                      |
| [CL1] Man. of motor vehicles, trailers and semi-trailers                                | 111.7        | 2.9          | -0.4         | -2.7                      |
| [CL2] Man. of other transport equipment                                                 | 111.6        | -1.3         | -4.0         | -0.9                      |
| (C5): Other manufacturing                                                               | 104.5        | 1.2          | -1.3         | 0.7                       |
| [CB] Man. of textiles, wearing apparel, leather and related products                    | 97.8         | 5.1          | -4.4         | 0.1                       |
| [CC] Man. of wood and paper products; printing and reproduction of recorded media       | 101.0        | 0.9          | -0.2         | 0.2                       |
| [CE] Man. of chemicals and chemical products                                            | 104.7        | -0.6         | -0.8         | 0.7                       |
| [CF] Man. of basic pharmaceutical products and pharmaceutical preparations              | 111.9        | 3.9          | -1.3         | -1.0                      |
| [CG] Man. of rubber and plastics products, and other non-metallic mineral products      | 106.3        | 0.2          | -0.1         | 0.1                       |
| [CH] Man. of basic metals and fabricated metal products, except machinery and equipment | 104.6        | 2.1          | -1.3         | 1.1                       |
| [CM] Other manufacturing; repair and installation of machinery and equipment            | 102.0        | 0.4          | -2.2         | 1.6                       |
| <b>DE: Mining and quarrying; energy; water supply; waste management</b>                 | <b>100.7</b> | <b>0.3</b>   | <b>0.0</b>   | <b>0.3</b>                |
| [BZ] Mining and quarrying                                                               | 106.7        | 1.1          | -1.2         | 0.8                       |
| [DZ] Electricity, gas, steam and air-conditioning supply                                | 100.5        | 0.3          | -0.3         | 0.0                       |
| [EZ] Water supply; sewerage, waste management and remediation                           | 99.1         | 0.5          | 3.5          | 3.4                       |
| <b>FZ: CONSTRUCTION</b>                                                                 | <b>99.9</b>  | <b>-5.9</b>  | <b>3.6</b>   | <b>0.9</b>                |
| <b>MIGs (2)</b>                                                                         |              |              |              |                           |
| Capital goods                                                                           | 108.4        | 1.5          | -2.7         | 0.4                       |
| Intermediate goods                                                                      | 102.8        | 1.0          | -0.9         | 0.1                       |
| Consumer durables                                                                       | 97.8         | 1.2          | 0.8          | -3.0                      |
| Consumer non-durables                                                                   | 102.4        | 1.9          | -2.3         | -0.3                      |
| Energy                                                                                  | 100.1        | 0.2          | 0.1          | 0.8                       |

(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 October, output bounced back in "other manufacturing" (+1.2% after -1.3%)

Output bounced back in most branches: strongly in the manufacture of basic metals and fabricated metal products (+2.1% after -1.3%), in pharmaceuticals (+3.9% after -1.3%) and in textiles, wearing apparel, leather and related products (+5.1% after -4.4%), more slightly in other manufacturing, repair and installation of machinery and equipment (+0.4% after -2.2%), in the manufacture of wood, paper and printing industries (+0.9% after -0.2%) and in rubber and plastics products, and other non-metallic mineral products (+0.2% after a virtual stability). On the contrary, it continued to shrink in chemicals (-0.6% after -0.8%).

## Output bounced back sharply in machinery and equipment goods (+3.9% after -3.9%)

Output bounced back strongly in the manufacture of machinery and equipment n.e.c. (+6.6% after -5.5%), also in that of electrical equipment (+3.6% after -4.9%) and more moderately in the manufacture of computer, electronic and optical products too (+1.6% after -1.9%).

## Output bounced back also in the manufacture of food products and beverages (+0.7% after -1.7%)

Output bounced back particularly in distilling, rectifying and blending of spirits.

## Output bounced back a little in the manufacture of transport equipment (+0.5% after -2.5%)

Output went up markedly in motor vehicles, trailers and semi-trailers (+2.9% after -0.4%). It kept going down in the manufacture of other transport equipment (-1.3% after -4.0%).

## Output went up slightly in mining and quarrying; energy; water supply (+0.3% after a stability)

Output increased in the production of electricity.

## Output slipped back in the manufacture of coke and refined petroleum products (-1.8% after +0.8%)

Output slipped back in the manufacture of coke and refined petroleum products.

## Revision of variations

(in percentage point)

|                           | Sept. / Aug. | Aug. / July  | July / June | Q3 2018 / Q2 2018 | 2017 / 2016 |
|---------------------------|--------------|--------------|-------------|-------------------|-------------|
| <b>Industry (BE)</b>      | <b>0.16</b>  | <b>-0.13</b> | <b>0.06</b> | <b>0.03</b>       | <b>0.00</b> |
| raw serie                 | 0.17         | 0.05         | 0.01        | 0.08              | 0.00        |
| SA-WDA parameters         | -0.01        | -0.18        | 0.05        | -0.05             | 0.00        |
| <b>Manufacturing (CZ)</b> | <b>0.20</b>  | <b>-0.17</b> | <b>0.08</b> | <b>0.04</b>       | <b>0.00</b> |
| raw serie                 | 0.18         | 0.05         | 0.02        | 0.09              | 0.00        |
| SA-WDA parameters         | 0.02         | -0.22        | 0.06        | -0.05             | 0.00        |

How to read it: in the manufacturing sector, the SA-WDA variation between August 2018 and September 2018 has been revised by +0.20 points, +0.18 points are due to the revision of the raw series and +0.02 points to the updating of the SA-WDA parameters.

Sources: INSEE, SSP, SDES

## For more information

- Complementary 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 are available on the BDM: <https://www.insee.fr/en/statistiques/series/108695026>
- Press contact: [bureau-de-presse@insee.fr](mailto:bureau-de-presse@insee.fr)
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