

Informations Rapides

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Principaux indicateurs



Industrial Production Indices – December 2015

In December 2015, manufacturing output decreased (–0.8%)

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

The models used to calculate the SA and WDA series, as well as the weights, will be updated for the publication of the industrial production indices of January 2016 on March 10th, 2016.

In December 2015, output fell back in the **manufacturing industry** (–0.8% after +0.6% in November). It continued to decline in the **industry as a whole** (–1.6% after –0.9% in November).

Manufacturing output rose over G4 2015 (+0.4%)

Manufacturing output rose over the fourth quarter of 2015 compared to the third quarter (+0.4% q-o-q). Output increased more slightly in the whole industry (+0.2%).

Output increased in *other manufacturing* (+0.9%), and surged in the *manufacture of coke and refined petroleum products* (+6.8%). On the contrary, output decreased in *mining and quarrying; energy; water supply; waste management* (–0.6%), in the *manufacture of food products and beverages* (–0.9%), in the *manufacture of transport equipment* (–0.7%) and in the *manufacture of electrical and electronic equipment; machine equipment* (–0.6%).

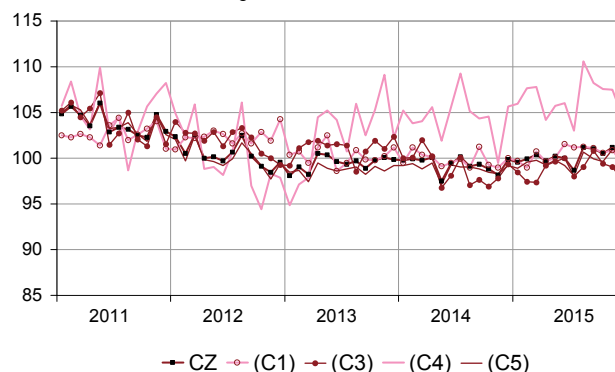
Over the year, manufacturing output increased sharply (+1.7%)

Manufacturing output of the last quarter of 2015 improved sharply compared to the last quarter of 2014 (+1.7% y-o-y). For that same period, overall industrial output grew even more (+2.0% y-o-y).

Over the year, output rose in all sectors. It expanded markedly in *other manufacturing* (+1.8%), in *mining and quarrying; energy; water supply; waste management* (+3.3%) and in the *manufacture of transport equipment* (+3.2%). It went up more moderately in the *manufacture of electrical and electronic equipment* (+0.7%) and in the *manufacture of food products and beverages* (+0.9%). It rose sharply in the *manufacture of coke and refined petroleum products* (+2.7%).

Monthly Industrial Production Indices

2010 based, SA-WDA changes in %



Legend: CZ: Manufacturing - (C1): Manufacture of food products and beverages - (C3): Electrical and electronic equipment; machine equipment - (C4): Manufacture of transport equipment - (C5): Other manufacturing
Sources: INSEE, SSP, SOeS

Variation of the Industrial Production

2010 based, SA-WDA changes in %

	Dec. / Nov.	Nov. / Oct.	Q-o-Q change (1)	Year on year change (2)
NA: A10, (A17)				
BE: INDUSTRY	-1.6	-0.9	0.2	2.0
CZ: Manufacturing	-0.8	0.6	0.4	1.7
(C1): Manufacture of food products and beverages	-1.4	0.3	-0.9	0.9
(C2): Manufacture of coke and refined petroleum products	-2.6	-9.0	6.8	2.7
(C3): Electrical and electronic equipment; machine equipment	-1.4	-0.4	-0.6	0.7
(C4): Manufacture of transport equipment	-2.6	-0.1	-0.7	3.2
(C5): Other manufacturing	-0.1	1.4	0.9	1.8
DE: Mining and quarrying; energy; water supply; waste management	-5.2	-7.4	-0.6	3.3
FZ: CONSTRUCTION	-1.6	1.2	0.0	-1.8

(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, SOeS

Variation of the Industrial Production

2010 based, SA-WDA changes in %

NA: A10, (A17), [A38 ou A64]	Dec. 2015	Dec. / Nov.	Nov. / Oct.	Quarter on quarter change
BE: INDUSTRY	98.5	-1.6	-0.9	0.2
CZ: Manufacturing	100.3	-0.8	0.6	0.4
(C1): Man. of food products and beverages	99.5	-1.4	0.3	-0.9
(C2): Man. of coke and refined petroleum products	85.0	-2.6	-9.0	6.8
(C3): Electrical and electronic equipment; machine equipment	97.7	-1.4	-0.4	-0.6
[CI] Man. of computer, electronic and optical products	107.0	-5.1	1.5	0.0
[CJ] Man. of electrical equipment	85.1	-2.0	-0.7	-2.5
[CK] Man. of machinery and equipment n.e.c. (1)	99.8	1.5	-1.5	0.1
(C4): Man. of transport equipment	104.7	-2.6	-0.1	-0.7
[CL1] Man. of motor vehicles, trailers and semi-trailers	95.3	-3.7	1.7	0.8
[CL2] Man. of other transport equipment	115.3	-1.6	-1.7	-2.0
(C5): Other manufacturing	100.8	-0.1	1.4	0.9
[CB] Man. of textiles, wearing apparel, leather and related products	99.4	-4.7	7.1	3.1
[CC] Man. of wood and paper products; printing and reproduction of recorded media	87.4	-1.3	1.6	-0.4
[CE] Man. of chemicals and chemical products	112.0	0.2	2.5	-0.1
[CF] Man. of basic pharmaceutical products and pharmaceutical preparations	115.4	0.8	1.1	3.1
[CG] Man. of rubber and plastics products, and other non-metallic mineral products	97.8	-0.9	1.0	1.3
[CH] Man. of basic metals and fabricated metal products, except machinery and equipment	97.9	0.2	0.5	1.5
[CM] Other manufacturing; repair and installation of machinery and equipment	102.3	0.6	1.2	-0.5
DE: Mining and quarrying; energy; water supply; waste management	90.6	-5.2	-7.4	-0.6
[BZ] Mining and quarrying	94.3	-2.7	2.1	0.9
[DZ] Electricity, gas, steam and air-conditioning supply	86.5	-6.4	-9.0	-1.0
[EZ] Water supply; sewerage, waste management and remediation	117.9	0.6	-2.0	0.7
FZ: CONSTRUCTION	86.0	-1.6	1.2	0.0
MIGs (2)				
Capital goods	101.1	-0.9	0.3	-0.3
Intermediate goods	98.2	-0.2	1.0	0.7
Consumer durables	102.2	-1.5	-1.2	0.6
Consumer non-durables	103.8	-1.6	1.6	0.3
Energy	89.8	-5.1	-8.0	-0.2

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

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

Sources: INSEE, SSP, SOeS

In December 2015, output tumbled again in mining and quarrying; energy; water supply; waste management (-5.2% after -7.4% in November)

Output dropped sharply once again in *electricity, gas, steam and air-conditioning supply* (-6.4% after -9.0%), because of exceptionally mild temperatures in December.

Output slid in the manufacture of transport equipment (-2.6% after -0.1%)

Output slipped back sharply in the *manufacture of motor vehicles, trailers and semi-trailers* (-3.7% after +1.7% in November) and declined again in the *manufacture of other transport equipment* (-1.6% after -1.7%).

Output decreased in the electrical and electronic equipment; machine equipment (-1.4% after -0.4%)

Output shrank in the *manufacture of computer, electronic and optical products* (-5.1% after +1.5%) and in the *manufacture of electrical equipment* (-2.0%). On the contrary, it strengthened in the *manufacture of machinery and equipment* (+1.5%).

Output fell back in the manufacture of food products and beverages (-1.4% after +0.3%)

Output faltered in the *manufacture of food products and beverages* (-1.4%), such as dairy products.

Output was almost unchanged in other manufacturing (-0.1% after +1.4%)

Output fell back steeply in the *manufacture of textiles, wearing apparel, leather and related products* (-4.7%). It also weakened, albeit more moderately in the *manufacture of rubber and plastics products, and other non-metallic mineral products* (-0.9%) and in the *manufacture of wood and paper products, printing and reproduction of recorded media* (-1.3%). Conversely, it grew in *other manufacturing repair and installation of machinery and equipment* (+0.6%), in *pharmaceuticals* (+0.8%) and in *metallurgy* (+0.2%).

Output fell again in the manufacture of coke and refined petroleum products (-2.6% after -9.0%).

Output continued to decline in the *manufacture of coke and refined petroleum products*, due to the partial closure of a refinery.

• Revisions in November 2015

Measure of variations' revisions


(in percentage points)

	Nov. / Oct.	Oct. / Sept.	Sept. / Aug.	Q3 2015 / Q2 2015	2014 / 2013
Industry (BE)	0.01	-0.04	-0.04	-0.06	-0.01
raw serie	0.23	-0.06	-0.01	-0.01	0.00
SA-WDA coefficient	-0.22	0.02	-0.03	-0.05	-0.01
Manufacturing (CZ)	0.19	-0.10	-0.04	-0.04	-0.01
raw serie	0.30	-0.06	-0.02	-0.01	0.01
SA-WDA coefficient	-0.11	-0.04	-0.02	-0.03	-0.02

How to read it: in the manufacturing sector, the SA-WDA variation between October 2015 and November 2015 is revised by +0.19 points, +0.30 is due to the revision of the raw series and -0.11 to the new calculation of the SA-WDA.

Sources: INSEE, SSP, SOeS

For more information:

- Complementary data (long series) and metadata (methodology, linked internet pages, etc.) are available on the web page of this index: <http://www.insee.fr/en/themes/info-rapide.asp?id=10>
- Historical data are available on the BDM: [G1397](#), [G1398](#), [G1400](#), [G1401](#), [G1411](#).
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