

157/2018 - 12 October 2018

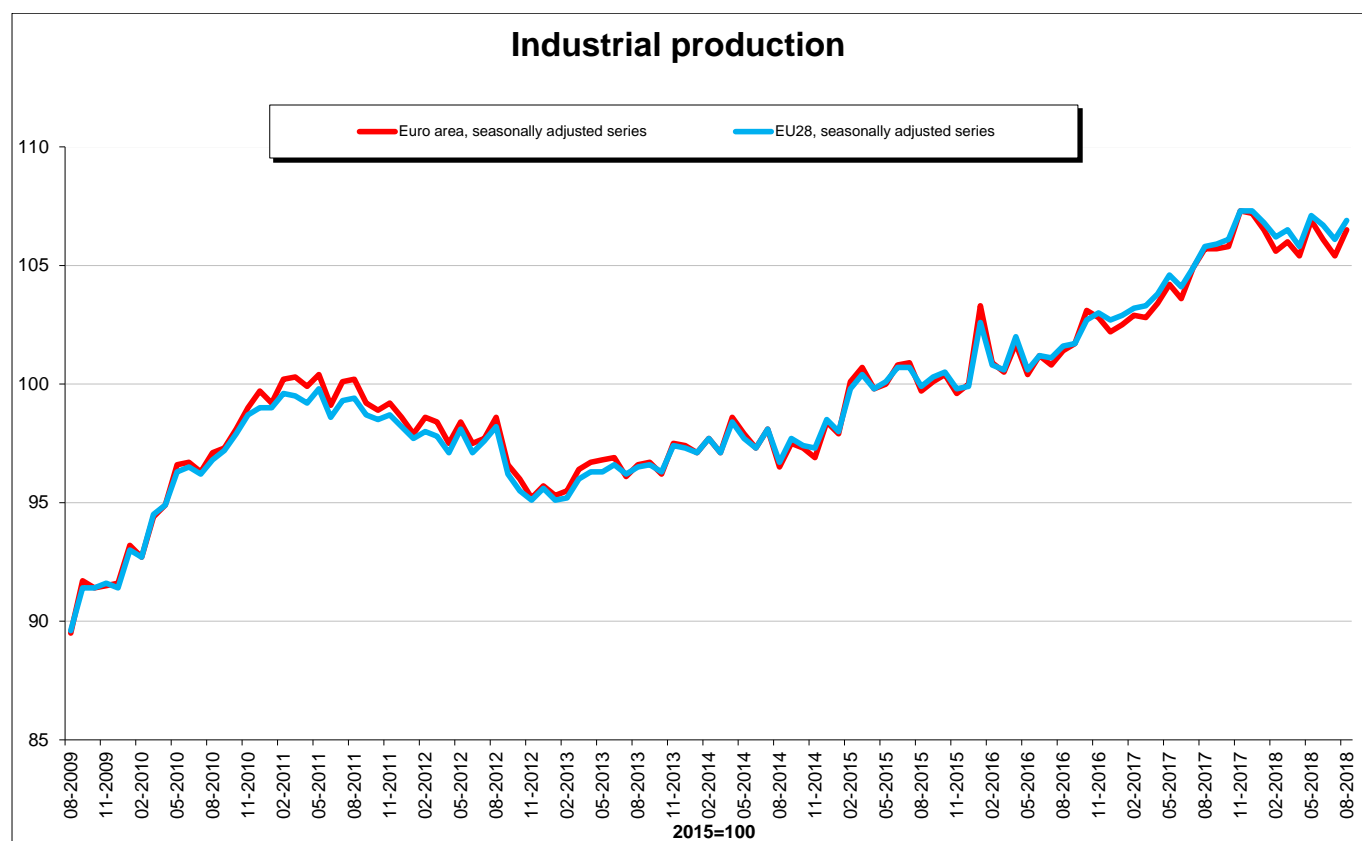
August 2018 compared with July 2018

Industrial production up by 1.0% in euro area

Up by 0.8% in EU28

In August 2018 compared with July 2018, seasonally adjusted industrial production rose by 1.0% in the **euro area** (EA19) and by 0.8% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In July 2018, industrial production fell by 0.7% in the **euro area** and by 0.6% in the **EU28**.

In August 2018 compared with August 2017, industrial production increased by 0.9% in the **euro area** and by 1.2% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in August 2018, compared with July 2018, production of energy rose by 1.9%, durable consumer goods by 1.5%, both capital goods and non-durable consumer goods by 1.4% and intermediate goods by 0.4%.

In the **EU28**, production of capital goods rose by 1.2%, non-durable consumer goods by 1.1%, energy by 0.9%, durable consumer goods by 0.8% and intermediate goods by 0.3%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Malta** (+9.9%), **Ireland** (+8.0%) and **Hungary** (+3.8%). A decrease was observed in **Denmark** (-4.5%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in August 2018, compared with August 2017, production of non-durable consumer goods rose by 3.1% and capital goods by 1.3%, while production of durable consumer goods fell by 1.1%, intermediate goods by 0.4% and energy by 0.3%.

In the **EU28**, production of non-durable consumer goods rose by 2.8%, capital goods by 1.6%, durable consumer goods by 1.2% and intermediate goods by 0.4%, while production of energy fell by 0.7%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Ireland** (+15.1%), **Slovenia** (+7.0%) and **Latvia** (+6.4%). The largest decreases were observed in **Denmark** (-3.9%), **Portugal** (-3.3%) and **Luxembourg** (-2.6%).

Geographical information

The **euro area** (EA19) includes Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland.

The **European Union** (EU28) includes Belgium, Bulgaria, the Czech Republic, Denmark, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Hungary, Malta, the Netherlands, Austria, Poland, Portugal, Romania, Slovenia, Slovakia, Finland, Sweden and the United Kingdom.

Methods and definitions

The **index of industrial production** measures the evolution of the volume of production for industry excluding construction, based on data adjusted for calendar and seasonal effects.

Seasonally adjusted euro area and EU series are calculated by aggregating the seasonally adjusted national data. Eurostat carries out the seasonal adjustment of the data for those countries that do not adjust their data for seasonal effects.

Total industry covers NACE rev.2 sections B to D. Missing observations from Member States for recent months are estimated for the calculation of the euro area and the EU aggregates.

Revisions and timetable

Compared with data issued in the News Release 141/2018 of 12 September 2018, the monthly percentage change for July 2018 has been revised from -0.8% to -0.7% in the euro area and from -0.7% to -0.6% in the EU28. The annual percentage change has been revised from -0.1% to +0.3% in the euro area and from +0.8% to +1.0% in the EU28.

For more information

Eurostat database section on short-term business statistics

Eurostat Statistics Explained article on the industrial production index

The weights of the Member States in the EU and euro area aggregates

(See file EU-28_EA-19_NEWS_RELEASE_WEIGHTINGS_2015)


Eurostat €-indicators release calendar


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Industrial production
% change compared with previous month*

	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18
EA19						
Total industry	0.4	-0.6	1.4	-0.7	-0.7	1.0
Intermediate goods	-0.2	-0.5	1.8	-0.5	-1.0	0.4
Energy	0.9	-5.8	0.3	0.1	0.7	1.9
Capital goods	-0.6	2.6	0.7	-1.9	1.0	1.4
Durable consumer goods	1.4	-2.1	2.0	-0.1	-1.9	1.5
Non-durable consumer goods	1.5	-1.1	2.5	-0.9	-1.0	1.4
EU28						
Total industry	0.3	-0.7	1.2	-0.4	-0.6	0.8
Intermediate goods	-0.4	-0.3	1.6	-0.2	-0.7	0.3
Energy	1.3	-4.8	-0.4	0.2	1.0	0.9
Capital goods	-0.3	1.6	0.7	-1.4	0.6	1.2
Durable consumer goods	1.4	-1.7	2.1	-0.4	-1.1	0.8
Non-durable consumer goods	1.0	-0.7	2.2	-0.2	-1.2	1.1

The source dataset is available [here](#).

Total industry	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18
EA19	0.4	-0.6	1.4	-0.7	-0.7	1.0
EU28	0.3	-0.7	1.2	-0.4	-0.6	0.8
Belgium	2.3	-0.8	1.9	-2.7	1.4	:
Bulgaria	1.7	-1.7	2.5	0.8	-1.3	0.8
Czech Republic	0.6	-1.1	2.4	1.8	-2.0	0.7
Denmark	1.3	-0.1	-2.0	-0.1	3.2	-4.5
Germany	1.5	-1.2	2.2	-0.6	-1.7	0.0
Estonia	3.1	-1.4	-0.2	-1.0	-1.1	1.5
Ireland	-9.3	12.1	4.6	-7.5	2.0	8.0
Greece	2.6	-3.0	0.9	-0.6	1.2	1.7
Spain	1.2	-1.9	0.8	-0.7	0.1	0.8
France	-0.5	-0.5	0.0	0.6	0.8	0.3
Croatia	-2.8	-1.1	2.1	3.7	-3.7	0.3
Italy	1.0	-1.2	0.7	0.3	-1.6	1.7
Cyprus	1.2	0.7	2.0	1.9	-3.9	c
Latvia	-3.4	0.3	0.1	0.8	1.9	2.3
Lithuania	2.1	-8.2	11.5	-1.0	0.7	1.4
Luxembourg	1.2	-3.1	1.5	-1.4	-0.6	0.4**
Hungary	-0.6	0.1	1.7	-1.2	-1.9	3.8
Malta	0.4	-0.4	1.7	0.3	-6.0	9.9
Netherlands	-1.8	-4.0	0.5	-0.9	-1.5	1.7
Austria	-0.3	-0.1	3.0	-1.2	-0.4	:
Poland	-0.3	0.8	1.7	0.0	0.0	0.4
Portugal	4.4	-2.9	-2.1	1.9	1.1	2.7
Romania	0.7	2.3	-0.4	1.3	-1.7	0.3
Slovenia	0.4	0.0	1.0	-0.6	0.1	2.0
Slovakia	0.4	0.5	0.6	-0.3	-0.8	:
Finland	2.4	-1.9	0.4	1.5	-1.6	0.2
Sweden	0.4	-3.9	4.8	0.5	-4.1	1.3
United Kingdom	-0.2	-0.7	-0.6	0.9	0.5	0.3
Norway	-0.9	-1.2	-0.8	4.6	-1.9	1.9

* Calendar and seasonally adjusted

** Estimated by Member State

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The source dataset is available [here](#).

Industrial production

% change compared with same month of the previous year*

	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18
EA19						
Total industry	3.2	1.9	2.8	2.6	0.3	0.9
Intermediate goods	1.7	1.0	2.8	2.1	0.1	-0.4
Energy	8.9	-1.7	-2.1	-3.1	-1.8	-0.3
Capital goods	3.0	4.3	4.2	4.8	1.7	1.3
Durable consumer goods	2.2	0.3	-0.2	1.2	-2.3	-1.1
Non-durable consumer goods	2.1	1.2	3.6	2.3	0.0	3.1
EU28						
Total industry	3.0	1.9	2.6	2.6	1.0	1.2
Intermediate goods	1.4	1.1	2.6	2.4	0.8	0.4
Energy	8.4	-0.4	-1.6	-2.6	-0.7	-0.7
Capital goods	3.5	4.4	4.0	4.7	2.0	1.6
Durable consumer goods	3.1	2.2	1.9	2.2	0.2	1.2
Non-durable consumer goods	1.7	1.1	3.0	2.7	0.8	2.8

The source dataset is available [here](#).

Total industry	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18
EA19	3.2	1.9	2.8	2.6	0.3	0.9
EU28	3.0	1.9	2.6	2.6	1.0	1.2
Belgium	3.6	1.8	3.6	-1.3	-2.4	:
Bulgaria	1.7	-0.7	0.5	3.6	0.8	2.3
Czech Republic	4.0	-0.4	0.7	6.6	6.7	1.9
Denmark	-0.4	1.2	-2.8	-1.0	4.4	-3.9
Germany	4.4	2.3	3.5	3.4	1.1	-0.5
Estonia	6.3	2.2	3.3	2.2	3.8	5.6
Ireland	-14.9	-4.9	10.7	9.2	-5.7	15.1
Greece	1.3	2.1	1.9	1.2	2.1	1.6
Spain	5.6	1.8	1.5	0.4	0.9	1.2
France	2.3	2.1	-0.3	1.8	2.0	1.7
Croatia	-1.7	-1.3	-0.6	3.1	-0.8	-1.1
Italy	3.6	2.0	2.2	1.4	-1.3	-0.8
Cyprus	3.2	6.3	8.2	11.7	1.3	c
Latvia	0.6	0.9	-0.9	0.4	3.6	6.4
Lithuania	11.8	2.8	5.2	5.4	4.2	3.0
Luxembourg	3.5	2.1	3.4	-0.1	-0.3	-2.6**
Hungary	2.8	2.9	3.8	3.1	3.9	4.5
Malta	-3.9	-4.0	-3.2	2.2	-6.4	2.2
Netherlands	5.9	0.7	0.9	-0.1	-2.8	0.5
Austria	5.5	4.7	7.9	5.7	3.1	:
Poland	5.0	6.0	7.6	6.7	7.8	5.0
Portugal	2.5	4.5	-2.6	-0.2	-0.7	-3.3
Romania	3.6	6.5	3.4	6.2	5.3	3.6
Slovenia	6.4	7.2	6.6	6.2	5.4	7.0
Slovakia	-2.0	4.1	2.7	2.2	1.9	:
Finland	7.2	3.8	2.6	5.7	2.3	1.8
Sweden	4.6	0.8	5.0	5.1	-0.1	1.6
United Kingdom	1.4	2.5	0.3	0.7	0.9	1.6
Norway	0.3	-1.9	-1.5	2.9	-0.8	2.3

* Calendar adjusted

** Estimated by Member State

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The source dataset is available [here](#).

Production indices for total industry, calendar and seasonally adjusted
(base year 2015)

	08/17	09/17	10/17	11/17	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18
EA19	105.7	105.7	105.8	107.3	107.2	106.5	105.6	106.0	105.4	106.9	106.1	105.4	106.5
EU28	105.8	105.9	106.1	107.3	107.3	106.8	106.2	106.5	105.8	107.1	106.7	106.1	106.9
Belgium	110.8	107.8	107.4	109.0	107.3	109.0	106.5	109.0	108.1	110.2	107.2	108.7	:
Bulgaria	106.8	107.3	106.5	106.7	107.7	107.2	106.0	107.8	106.0	108.7	109.6	108.2	109.1
Czech Republic	112.0	112.6	109.7	113.0	113.3	113.1	111.4	112.1	110.9	113.6	115.7	113.4	114.2
Denmark	108.2	103.7	104.9	106.0	107.2	107.6	106.5	107.9	107.8	105.6	105.5	108.9	104.0
Germany	106.2	105.3	104.0	107.4	107.0	106.6	105.2	106.8	105.5	107.8	107.2	105.4	105.4
Estonia	108.7	110.8	112.9	112.0	113.9	116.0	114.1	117.6	115.9	115.7	114.5	113.2	114.9
Ireland	91.8	105.7	110.3	107.7	98.7	106.3	96.0	87.1	97.6	102.1	94.4	96.3	104.0
Greece	108.6	106.1	107.6	107.7	109.4	109.5	107.4	110.2	106.9	107.9	107.2	108.5	110.3
Spain	105.5	105.4	106.2	107.1	108.2	105.1	106.4	107.7	105.7	106.5	105.8	105.9	106.7
France	103.1	103.5	105.0	104.6	104.8	102.8	104.1	103.6	103.1	103.1	103.7	104.5	104.8
Croatia	107.3	107.8	109.2	107.1	108.6	106.7	108.4	105.4	104.2	106.4	110.3	106.2	106.5
Italy	108.4	105.6	106.0	106.8	108.9	107.0	106.4	107.5	106.2	106.9	107.2	105.5	107.3
Cyprus	118.9	118.1	119.7	121.0	122.6	120.6	120.2	121.6	122.4	124.8	127.2	122.2	c
Latvia	114.2	116.1	113.8	114.5	116.0	114.3	118.9	114.8	115.1	115.2	116.1	118.3	121.0
Lithuania	113.3	113.4	111.6	115.8	116.2	115.1	110.5	112.8	103.6	115.5	114.4	115.2	116.8
Luxembourg	105.8	105.9	102.9	107.8	107.4	105.9	105.6	106.9	103.6	105.2	103.7	103.1	103.5*
Hungary	106.8	106.2	108.1	105.9	107.5	109.0	109.4	108.7	108.8	110.7	109.4	107.3	111.4
Malta	99.2	101.9	97.7	99.6	97.0	98.0	95.7	96.1	95.7	97.3	97.6	91.7	100.8
Netherlands	102.1	104.9	103.5	106.5	107.9	105.1	108.2	106.3	102.1	102.6	101.7	100.2	101.9
Austria	108.8	108.9	109.2	110.4	111.0	110.2	111.6	111.3	111.2	114.5	113.1	112.6	:
Poland	112.0	110.5	112.4	111.9	113.9	113.2	114.5	114.1	115.0	117.0	117.0	117.0	117.5
Portugal	113.7	106.9	106.0	106.4	104.5	107.4	105.0	109.6	106.4	104.2	106.2	107.4	110.3
Romania	114.2	114.1	114.4	115.5	120.5	116.4	115.6	116.4	119.1	118.6	120.2	118.2	118.6
Slovenia	116.4	119.2	119.2	120.1	123.3	121.2	120.9	121.4	121.4	122.6	121.9	122.0	124.4
Slovakia	106.9	107.8	109.3	109.2	107.7	107.7	107.1	107.5	108.0	108.6	108.3	107.4	:
Finland	108.5	108.9	108.4	110.0	112.1	111.8	109.9	112.5	110.4	110.8	112.5	110.7	110.9
Sweden	105.2	106.8	107.5	109.3	110.1	109.6	109.1	109.5	105.2	110.3	110.8	106.3	107.7
United Kingdom	103.0	104.0	104.2	104.3	103.3	104.1	104.2	104.0	103.3	102.7	103.6	104.1	104.4
Norway	101.3	100.1	99.0	99.4	99.2	102.3	102.0	101.1	99.9	99.1	103.7	101.7	103.6

* Estimated by Member State

: Data not available

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The source dataset is available [here](#).

Production indices for total industry, calendar adjusted
(base year 2015)

	08/15	08/16	08/17	09/17	10/17	11/17	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18
EA19	84.2	85.3	88.9	109.7	111.7	113.8	103.5	103.6	103.1	113.4	104.2	106.0	108.5	106.5	89.7
EU28	86.5	87.8	91.5	109.5	111.7	113.5	104.4	104.0	103.5	113.9	104.7	106.5	108.9	105.2	92.6
Belgium	90.2	97.5	101.8	112.8	112.7	109.5	105.4	105.7	103.0	118.1	108.1	108.6	112.7	101.8	:
Bulgaria	96.7	99.0	103.1	106.9	109.7	113.1	113.6	102.4	99.5	110.5	101.3	104.4	112.5	111.6	105.5
Czech Republic	90.9	97.0	103.0	115.8	116.7	121.7	105.8	108.8	108.1	120.9	111.1	115.7	121.1	102.1	105.0
Denmark	101.0	102.8	105.2	107.8	114.0	115.3	103.3	108.3	103.3	112.6	103.7	104.5	106.7	94.9	101.1
Germany	92.6	94.9	99.4	110.4	107.7	114.8	101.3	99.1	101.4	115.0	104.4	105.5	109.5	105.9	98.9
Estonia	96.3	101.9	106.8	114.9	121.3	116.3	108.0	111.3	106.9	124.7	116.8	120.9	114.7	102.9	112.8
Ireland	95.3	73.9	74.9	112.8	131.4	121.9	101.4	126.9	83.7	71.1	98.5	91.4	82.2	96.4	86.2
Greece	98.7	99.2	105.1	108.9	105.1	104.1	105.8	100.4	105.3	111.9	105.7	109.9	114.4	120.3	106.8
Spain	77.9	81.0	83.4	107.7	111.0	112.4	102.1	102.3	105.7	115.7	102.6	111.5	109.0	110.4	84.4
France	76.8	77.1	78.7	105.8	110.8	108.3	105.5	104.8	104.4	114.4	103.9	98.2	108.4	102.4	80.0
Croatia	89.8	92.1	95.1	109.5	114.7	113.6	111.9	96.5	102.6	110.3	102.6	110.0	109.2	109.1	94.1
Italy	64.6	67.3	72.1	111.4	114.8	112.7	98.7	100.7	106.4	117.8	103.5	114.5	112.2	118.2	71.5
Cyprus	92.2	99.4	106.1	122.3	120.3	116.5	123.8	112.3	110.7	121.1	118.8	129.8	138.1	143.5	c
Latvia	105.5	104.8	117.9	119.7	126.0	122.2	116.9	96.3	102.4	114.0	114.7	117.0	117.4	118.8	125.5
Lithuania	97.9	98.6	111.7	113.9	116.9	120.0	114.6	110.7	106.9	117.5	101.9	114.4	115.6	111.8	115.0
Luxembourg	87.4	85.3	91.8	107.8	108.2	111.0	104.3	101.3	103.7	117.0	105.1	106.0	105.2	102.5	89.4*
Hungary	87.6	90.9	96.3	113.5	114.3	113.1	98.9	104.3	107.0	114.8	108.1	113.4	114.2	103.7	100.6
Malta	91.7	89.2	94.1	107.7	100.8	100.0	84.1	94.3	91.3	102.7	96.3	100.5	102.0	93.7	96.2
Netherlands	80.7	84.6	84.5	100.5	105.5	117.7	120.0	113.9	115.0	116.6	99.9	98.4	99.8	88.7	84.9
Austria	90.1	92.3	97.7	115.3	114.7	118.7	112.1	96.8	104.9	120.4	110.6	112.8	116.1	112.7	:
Poland	93.4	97.8	106.6	115.4	120.5	116.1	110.9	108.1	109.6	121.2	114.1	115.4	118.1	112.8	111.9
Portugal	84.2	87.9	95.3	108.5	107.1	108.9	94.9	108.4	104.4	114.3	105.6	109.0	109.8	113.6	92.2
Romania	93.3	96.5	103.8	116.6	121.3	121.7	115.8	112.2	110.8	122.6	115.1	122.1	120.8	119.1	107.5
Slovenia	85.1	91.5	99.0	126.2	125.8	125.1	113.7	115.8	117.5	132.3	119.4	126.3	127.1	121.6	105.9
Slovakia	87.8	100.4	100.6	109.7	118.1	119.2	97.6	105.5	106.7	114.3	105.7	112.1	111.4	94.2	:
Finland	96.7	99.5	103.3	111.6	114.6	114.5	117.4	106.6	101.5	119.1	108.4	111.7	118.5	98.8	105.2
Sweden	92.0	86.2	91.5	110.3	114.6	117.0	110.8	106.1	107.4	121.0	107.4	112.5	116.9	85.6	93.0
United Kingdom	92.8	95.0	96.4	105.0	106.0	107.9	105.1	102.8	101.9	111.8	102.9	102.7	103.6	100.5	97.9
Norway	99.6	93.1	99.5	97.4	104.3	103.9	100.5	109.4	101.2	106.6	98.0	98.6	99.6	90.2	101.8

* Estimated by Member State

: Data not available

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The source dataset is available [here](#).