

175/2018 - 14 November 2018

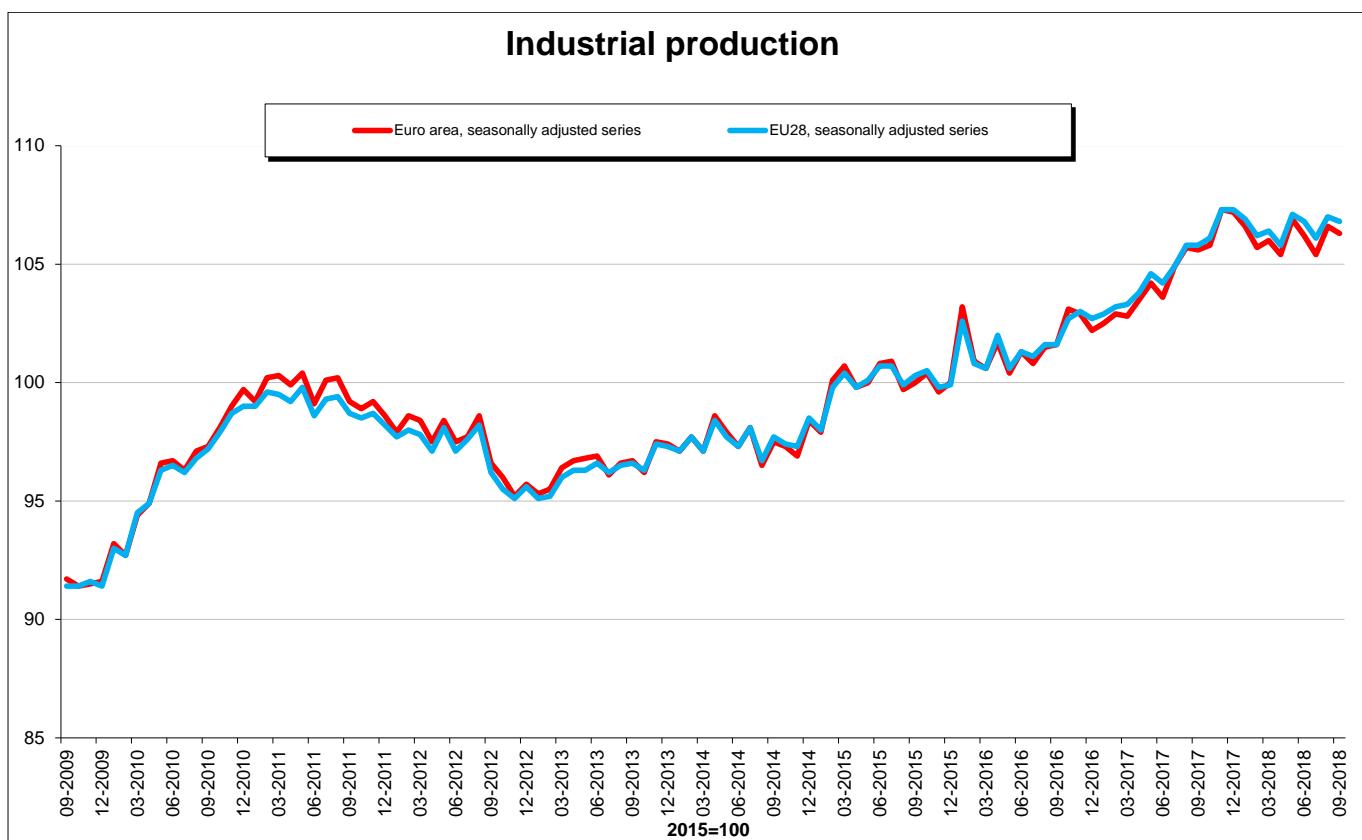
September 2018 compared with August 2018

Industrial production down by 0.3% in euro area

Down by 0.2% in EU28

In September 2018 compared with August 2018, seasonally adjusted industrial production fell by 0.3% in the **euro area** (EA19) and by 0.2% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2018, industrial production rose by 1.1% in the **euro area** and by 0.8% in the **EU28**.

In September 2018 compared with September 2017, industrial production increased by 0.9% in the **euro area** and by 1.1% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in September 2018, compared with August 2018, production of energy fell by 1.7%, non-durable consumer goods by 1.3%, durable consumer goods by 0.7% and intermediate goods by 0.3%, while production of capital goods rose by 0.3%.

In the **EU28**, production of non-durable consumer goods fell by 1.0%, energy by 0.9%, durable consumer goods by 0.6% and intermediate goods by 0.3%, while production of capital goods rose by 0.1%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Latvia** (-3.3%), **Lithuania** (-3.1%) and **Portugal** (-2.8%). The highest increases were observed in **Denmark** (+2.8%), **Ireland** (+2.2%) and the **Netherlands** (+1.2%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in September 2018, compared with September 2017, production of capital goods rose by 2.5% and non-durable consumer goods by 1.6%, while production of intermediate goods fell by 0.3%, energy by 1.4% and durable consumer goods by 2.5%.

In the **EU28**, production of capital goods rose by 2.4%, non-durable consumer goods by 1.8% and intermediate goods by 0.2%, while production of energy fell by 1.0% and durable consumer goods by 1.4%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Ireland** (+9.4%), **Poland** (+5.0%) and **Denmark** (+4.3%). The largest decreases were observed in **Malta** (-5.3%), **Croatia** (-2.6%) and the **Netherlands** (-2.3%).

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, Czechia, 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 157/2018 of 12 October 2018, the monthly percentage change for August 2018 has been revised from +1.0% to +1.1% in the euro area and remains unchanged at +0.8% in the EU28. The annual percentage change has been revised from +0.9% to +1.1% in the euro area and from +1.2% to +1.3% 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*

	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
EA19						
Total industry	-0.6	1.4	-0.7	-0.8	1.1	-0.3
Intermediate goods	-0.5	1.8	-0.5	-1.0	0.5	-0.3
Energy	-5.8	0.3	0.0	0.5	1.8	-1.7
Capital goods	2.6	0.8	-2.0	1.1	1.7	0.3
Durable consumer goods	-2.2	2.0	-0.2	-2.0	1.6	-0.7
Non-durable consumer goods	-1.1	2.5	-0.9	-1.0	2.0	-1.3
EU28						
Total industry	-0.6	1.2	-0.3	-0.7	0.8	-0.2
Intermediate goods	-0.3	1.7	-0.3	-0.7	0.3	-0.3
Energy	-4.8	-0.4	0.2	1.0	0.8	-0.9
Capital goods	1.6	0.7	-1.4	0.6	1.6	0.1
Durable consumer goods	-1.7	2.1	-0.5	-1.2	0.6	-0.6
Non-durable consumer goods	-0.7	2.2	-0.2	-1.2	1.4	-1.0

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

Total industry	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
EA19	-0.6	1.4	-0.7	-0.8	1.1	-0.3
EU28	-0.6	1.2	-0.3	-0.7	0.8	-0.2
Belgium	-0.7	1.9	-2.6	1.6	3.1	:
Bulgaria	-1.7	2.5	0.8	-1.3	0.1	-1.2
Czechia	-1.1	2.4	1.9	-2.2	0.8	1.1
Denmark	0.1	-2.1	-0.1	3.3	-3.0	2.8
Germany	-1.2	2.2	-0.6	-1.7	0.4	-0.2
Estonia	-1.4	-0.2	-1.2	-1.0	1.6	-1.1
Ireland	12.9	4.7	-6.8	1.6	8.7	2.2
Greece	-3.0	0.9	-0.6	1.2	1.4	-1.0
Spain	-1.9	0.8	-0.7	0.0	0.7	-0.8
France	-0.6	0.0	0.6	0.8	0.2	-1.8
Croatia	-1.1	2.1	3.7	-3.7	0.3	-1.5
Italy	-1.2	0.7	0.3	-1.6	1.7	-0.2
Cyprus	0.8	1.8	1.9	-3.9	0.4	c
Latvia	0.1	0.0	0.6	1.7	2.3	-3.3
Lithuania	-8.2	11.5	-1.0	0.7	1.3	-3.1
Luxembourg	-3.0	1.6	-1.4	-0.4	1.2	-0.1**
Hungary	-0.1	1.8	-1.2	-2.0	3.9	-2.1
Malta	-0.4	1.7	0.3	-4.9	6.1	-1.7
Netherlands	-4.0	0.5	-1.3	-1.4	-0.4	1.2
Austria	-0.1	3.0	-1.3	-0.3	-0.7	:
Poland	0.8	1.7	0.0	0.0	0.3	-0.7
Portugal	-2.9	-2.1	1.9	1.4	2.0	-2.8
Romania	2.3	-0.4	1.3	-1.7	1.9	-1.6
Slovenia	0.0	0.9	-0.7	0.1	1.4	-2.1
Slovakia	0.6	0.4	-0.1	-0.7	0.7	-0.2
Finland	-1.9	0.5	1.5	-1.7	0.5	0.4
Sweden	-3.9	4.8	0.5	-4.0	1.3	0.8
United Kingdom	-0.7	-0.6	0.9	0.5	-0.1	0.0
Norway	-1.2	-0.7	4.4	-1.8	1.6	-1.5

* : Calendar and seasonally adjusted

** : Estimated by Member State

: : Data not available

c : Confidential

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

Industrial production
 % change compared with same month of the previous year*

	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
EA19						
Total industry	1.9	2.8	2.5	0.3	1.1	0.9
Intermediate goods	1.0	2.7	2.0	0.1	-0.2	-0.3
Energy	-1.7	-2.1	-3.1	-1.9	-0.6	-1.4
Capital goods	4.3	4.2	4.8	1.7	1.7	2.5
Durable consumer goods	0.3	-0.2	1.3	-2.2	-1.3	-2.5
Non-durable consumer goods	1.2	3.6	2.4	0.2	3.9	1.6
EU28						
Total industry	1.9	2.6	2.6	1.0	1.3	1.1
Intermediate goods	1.1	2.6	2.4	0.8	0.5	0.2
Energy	-0.4	-1.6	-2.6	-0.5	-0.8	-1.0
Capital goods	4.4	4.0	4.7	2.0	2.2	2.4
Durable consumer goods	2.2	1.9	2.2	0.1	0.8	-1.4
Non-durable consumer goods	1.1	3.0	2.7	0.8	3.3	1.8

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

Total industry	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
EA19	1.9	2.8	2.5	0.3	1.1	0.9
EU28	1.9	2.6	2.6	1.0	1.3	1.1
Belgium	1.8	3.6	-1.2	-2.1	2.2	:
Bulgaria	-0.7	0.5	3.6	0.8	1.6	-0.7
Czechia	-0.4	0.7	6.6	6.7	1.9	2.4
Denmark	1.3	-2.8	-1.0	4.4	-2.3	4.3
Germany	2.3	3.5	3.4	1.1	-0.2	0.3
Estonia	2.2	3.3	2.1	3.8	5.8	2.3
Ireland	-4.9	10.7	9.2	-5.7	15.9	9.4
Greece	2.1	1.9	1.2	2.1	1.2	2.2
Spain	1.8	1.5	0.4	0.9	1.1	-0.6
France	2.1	-0.3	1.8	1.9	1.5	-1.2
Croatia	-1.3	-0.6	3.1	-0.8	-1.1	-2.6
Italy	2.0	2.2	1.4	-1.3	-0.8	1.3
Cyprus	6.9	8.5	11.9	1.8	3.2	c
Latvia	0.9	-0.9	0.4	3.6	6.8	-1.2
Lithuania	2.8	5.2	5.4	4.2	3.0	-0.5
Luxembourg	2.2	3.4	0.2	0.1	-0.8	-1.0**
Hungary	2.7	3.8	3.2	3.8	4.6	2.2
Malta	-4.1	-3.1	2.3	-4.5	-1.0	-5.3
Netherlands	0.7	0.9	-0.1	-2.6	-0.8	-2.3
Austria	4.7	8.0	5.7	3.7	2.5	:
Poland	6.0	7.6	6.7	7.8	5.0	5.0
Portugal	4.5	-2.6	-0.2	-0.3	-3.7	-0.1
Romania	6.5	3.4	6.2	5.3	4.5	3.8
Slovenia	7.1	6.6	6.2	5.3	6.0	0.5
Slovakia	4.3	2.6	2.0	2.2	2.1	0.5
Finland	3.6	2.6	5.8	2.2	2.2	2.5
Sweden	0.8	5.0	5.1	0.0	1.9	1.7
United Kingdom	2.5	0.3	0.7	0.8	1.1	-0.1
Norway	-1.9	-1.5	2.9	-0.8	2.3	0.6

* Calendar adjusted

** Estimated by Member State

: Data not available

c Confidential

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

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

	09/17	10/17	11/17	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18	09/18
EA19	105.6	105.8	107.3	107.2	106.6	105.7	106.0	105.4	106.9	106.2	105.4	106.6	106.3
EU28	105.8	106.1	107.3	107.3	106.9	106.2	106.4	105.8	107.1	106.8	106.1	107.0	106.8
Belgium	107.6	107.3	108.9	107.3	109.0	106.5	109.1	108.3	110.4	107.5	109.2	112.6	:
Bulgaria	107.3	106.5	106.7	107.7	107.2	106.0	107.8	106.0	108.7	109.6	108.2	108.3	107.0
Czechia	112.6	109.6	113.0	113.3	113.2	111.4	112.1	110.9	113.6	115.8	113.3	114.2	115.4
Denmark	103.9	104.7	106.0	107.2	107.6	106.5	107.8	107.9	105.6	105.5	109.0	105.7	108.7
Germany	105.3	104.0	107.4	107.0	106.6	105.2	106.8	105.5	107.8	107.2	105.4	105.8	105.6
Estonia	111.0	112.9	112.0	114.0	116.1	114.0	117.6	115.9	115.7	114.3	113.1	114.9	113.6
Ireland	101.3	110.5	107.8	98.7	106.6	96.3	87.0	98.2	102.8	95.8	97.3	105.8	108.1
Greece	106.3	107.6	107.7	109.4	109.5	107.4	110.1	106.8	107.8	107.1	108.4	109.9	108.8
Spain	105.7	106.3	107.1	108.3	105.1	106.4	107.6	105.6	106.4	105.7	105.7	106.4	105.5
France	103.9	104.9	104.6	104.9	102.8	104.1	103.6	103.0	103.0	103.6	104.4	104.6	102.7
Croatia	107.8	109.2	107.1	108.6	106.7	108.4	105.4	104.2	106.4	110.3	106.2	106.5	104.9
Italy	105.6	106.0	106.8	108.9	106.9	106.4	107.5	106.2	106.9	107.2	105.5	107.3	107.1
Cyprus	117.0	118.8	120.0	121.7	120.0	119.8	121.1	122.1	124.3	126.7	121.8	122.3	c
Latvia	117.3	114.3	114.9	116.2	114.4	118.9	114.6	114.7	114.7	115.4	117.4	120.1	116.1
Lithuania	113.4	111.6	115.8	116.2	115.1	110.5	112.8	103.6	115.5	114.4	115.2	116.7	113.1
Luxembourg	105.8	102.9	107.8	107.4	105.9	105.7	107.0	103.8	105.5	104.0	103.6	104.8	104.7*
Hungary	106.5	108.2	105.9	107.5	108.9	109.4	108.7	108.6	110.6	109.3	107.1	111.3	109.0
Malta	102.3	97.6	99.7	97.2	98.0	95.7	96.0	95.6	97.2	97.5	92.7	98.4	96.7
Netherlands	104.9	103.5	106.5	107.9	105.1	108.2	106.3	102.1	102.6	101.3	99.9	99.5	100.7
Austria	109.0	109.2	110.4	111.0	110.3	111.6	111.3	111.2	114.5	113.0	112.7	111.9	:
Poland	110.5	112.4	111.9	113.9	113.2	114.5	114.1	115.0	117.0	117.0	117.0	117.3	116.5
Portugal	106.9	106.0	106.4	104.5	107.4	105.0	109.6	106.4	104.2	106.2	107.7	109.9	106.8
Romania	114.1	114.4	115.5	120.5	116.4	115.6	116.4	119.1	118.6	120.2	118.2	120.5	118.6
Slovenia	119.9	119.3	120.1	123.4	121.2	120.9	121.2	121.2	122.3	121.5	121.6	123.3	120.7
Slovakia	107.8	109.3	109.1	107.7	107.7	107.1	107.5	108.1	108.5	108.4	107.6	108.4	108.2
Finland	108.8	108.4	110.0	112.1	111.8	110.1	112.4	110.3	110.9	112.6	110.7	111.2	111.7
Sweden	106.8	107.5	109.3	110.1	109.6	109.1	109.5	105.2	110.3	110.8	106.4	107.8	108.7
United Kingdom	104.0	104.2	104.3	103.3	104.1	104.2	104.0	103.3	102.7	103.6	104.1	104.0	104.0
Norway	101.8	98.8	99.1	99.1	102.3	101.9	101.0	99.8	99.1	103.5	101.6	103.2	101.7

* Estimated by Member State

: Data not available

c Confidential

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

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

	09/15	09/16	09/17	10/17	11/17	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18	09/18
EA19	103.9	105.4	109.7	111.7	113.8	103.6	103.6	103.1	113.4	104.2	106.0	108.4	106.6	89.9	110.7
EU28	103.6	105.0	109.5	111.7	113.5	104.4	104.0	103.5	113.9	104.7	106.5	108.9	105.2	92.7	110.7
Belgium	105.8	107.8	112.8	112.7	109.5	105.4	105.7	103.0	118.1	108.1	108.6	112.8	102.1	104.0	:
Bulgaria	98.3	103.5	106.9	109.7	113.1	113.6	102.4	99.5	110.5	101.3	104.4	112.5	111.6	104.8	106.1
Czechia	103.4	106.5	115.8	116.7	121.7	105.8	108.8	108.1	120.9	111.1	115.7	121.1	102.1	105.0	118.6
Denmark	104.0	98.7	107.8	114.0	115.3	103.3	108.3	103.3	112.6	103.7	104.5	106.7	94.9	102.8	112.4
Germany	104.1	106.1	110.4	107.7	114.8	101.3	99.1	101.4	115.0	104.4	105.5	109.5	105.9	99.2	110.7
Estonia	105.8	111.2	114.9	121.3	116.3	108.0	111.3	106.9	124.7	116.8	120.9	114.6	102.9	113.0	117.6
Ireland	102.1	103.4	112.8	131.4	121.9	101.4	126.9	83.7	71.1	98.5	91.4	82.2	96.4	86.8	123.4
Greece	104.6	104.5	108.9	105.1	104.1	105.8	100.4	105.3	111.9	105.7	109.9	114.4	120.3	106.4	111.3
Spain	104.3	103.9	107.7	111.1	112.4	102.1	102.3	105.7	115.7	102.7	111.5	109.0	110.4	84.3	107.1
France	103.4	102.2	105.9	110.8	108.4	105.6	104.7	104.3	114.4	103.9	98.2	108.4	102.4	79.9	104.6
Croatia	104.3	106.3	109.5	114.7	113.6	111.9	96.5	102.6	110.3	102.6	110.0	109.2	109.1	94.1	106.7
Italy	106.0	107.9	111.4	114.8	112.7	98.7	100.7	106.4	117.8	103.5	114.5	112.2	118.2	71.5	112.8
Cyprus	108.3	114.9	121.3	119.5	115.6	122.8	111.7	110.2	120.4	118.5	129.3	137.4	143.1	108.7	c
Latvia	103.5	106.0	119.7	126.0	122.2	116.9	96.3	102.4	114.0	114.7	117.0	117.4	118.8	125.8	118.3
Lithuania	97.4	106.0	113.9	116.9	120.0	114.6	110.7	106.9	117.5	101.9	114.4	115.6	111.8	115.0	113.3
Luxembourg	100.9	100.9	107.8	108.2	111.0	104.3	101.3	103.7	117.0	105.2	106.1	105.4	102.9	91.1	106.7*
Hungary	108.8	106.3	113.5	114.3	113.1	98.9	104.3	107.0	114.8	107.9	113.4	114.2	103.6	100.7	116.0
Malta	102.2	98.9	107.8	100.8	99.9	84.2	94.3	91.3	102.6	96.4	100.5	102.1	95.7	93.2	102.1
Netherlands	93.3	98.7	100.5	105.5	117.7	120.0	113.9	115.0	116.6	99.9	98.4	99.8	88.9	83.8	98.2
Austria	106.3	109.0	115.3	114.7	118.7	112.1	96.8	104.9	120.4	110.6	112.8	116.1	113.3	100.1	:
Poland	105.1	108.0	115.4	120.5	116.1	110.9	108.1	109.6	121.2	114.1	115.4	118.1	112.8	111.9	121.2
Portugal	103.3	105.1	108.5	107.1	108.9	94.9	108.4	104.4	114.3	105.6	109.0	109.8	114.0	91.8	108.4
Romania	104.0	106.5	116.6	121.3	121.7	115.8	112.2	110.8	122.6	115.1	122.1	120.8	119.1	108.5	121.0
Slovenia	105.6	114.5	126.2	125.9	125.1	113.8	115.8	117.4	132.2	119.4	126.3	127.0	121.6	105.0	126.8
Slovakia	103.9	106.9	109.5	118.2	119.1	97.5	105.7	106.7	114.2	105.8	112.1	111.3	94.3	102.7	110.0
Finland	103.8	108.2	111.5	114.6	114.5	117.4	106.5	101.8	119.0	108.3	111.8	118.7	98.8	105.6	114.3
Sweden	106.4	108.6	110.3	114.6	117.0	110.8	106.1	107.4	121.0	107.4	112.5	116.9	85.7	93.2	112.2
United Kingdom	101.1	101.8	105.0	106.0	107.9	105.1	102.8	101.9	111.8	102.9	102.7	103.6	100.4	97.5	104.9
Norway	99.0	86.6	97.4	104.3	103.9	100.5	109.4	101.2	106.6	98.0	98.6	99.6	90.2	101.8	98.0

* Estimated by Member State

: Data not available

c Confidential

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