

194/2016 - 12 October 2016

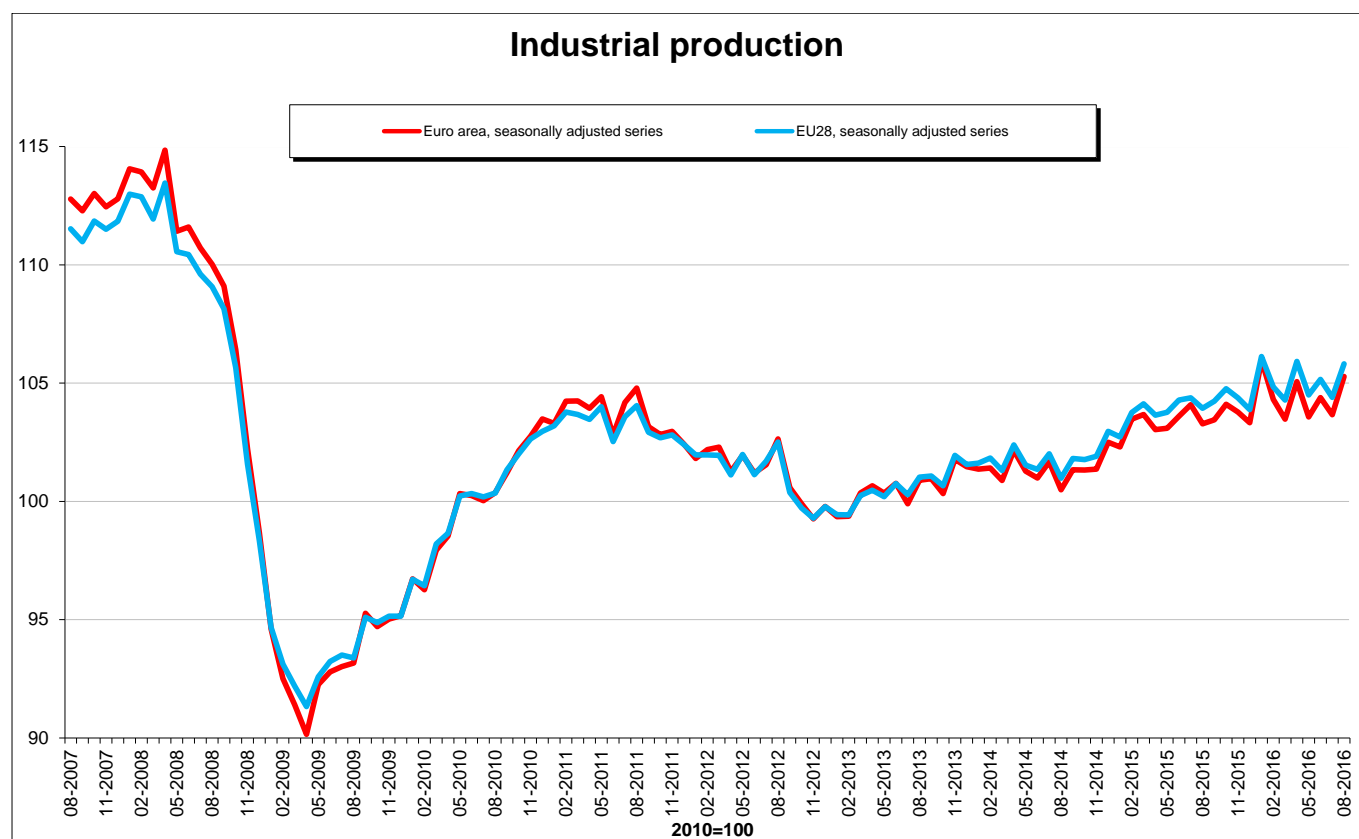
August 2016 compared with July 2016

Industrial production up by 1.6% in euro area

Up by 1.4% in EU28

In August 2016 compared with July 2016, seasonally adjusted industrial production rose by 1.6% in the **euro area** (EA19) and by 1.4% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In July 2016 industrial production fell by 0.7% in both zones.

In August 2016 compared with August 2015, industrial production increased by 1.8% in both zones.

**Monthly comparison by main industrial grouping and by Member State**

The increase of 1.6% in industrial production in the **euro area** in August 2016, compared with July 2016, is due to production of durable consumer goods rising by 4.3%, capital goods by 3.5%, energy by 3.3% and intermediate goods by 1.4%, while production of non-durable consumer goods fell by 0.6%.

In the **EU28**, the increase of 1.4% is due to production of capital goods rising by 3.8%, durable consumer goods by 2.7%, energy by 1.9% and intermediate goods by 0.9%, while production of non-durable consumer goods fell by 0.5%.

Among Member States for which data are available, the highest increases in industrial production were registered in the **Czech Republic** (+12.1%), the **Netherlands** (+4.4%) and **Germany** (+3.1%), and the largest decreases in **Ireland** (-13.4%), **Finland** (-3.5%) and **Sweden** (-2.9%).

Annual comparison by main industrial grouping and by Member State

The increase of 1.8% in industrial production in the **euro area** in August 2016, compared with August 2015, is due to production of durable consumer goods rising by 4.9%, capital goods by 2.6%, intermediate goods by 2.0% and energy by 1.5%, while production of non-durable consumer goods fell by 0.1%.

In the **EU28**, the increase of 1.8% is due to production of durable consumer goods rising by 4.6%, capital goods by 3.3%, intermediate goods by 1.9%, energy by 0.2% and non-durable consumer goods by 0.1%.

Among Member States for which data are available, the highest increases in industrial production were registered in the **Czech Republic** (+7.7%), **Slovenia** (+5.9%) and **Poland** (+5.1%), and the largest decreases in **Ireland** (-8.5%), **Sweden** (-6.2%) and **Malta** (-3.9%).

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 172/2016 of 14 September 2016, the monthly percentage changes for July 2016 have been revised from -1.1% to -0.7% in the euro area and from -1.0% to -0.7% in the EU28. The annual percentage change remained unchanged at -0.5% in the euro area and has been revised from -0.1% to 0.0% 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_2010)


Eurostat €-indicators release calendar


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Industrial production
% change compared with previous month*

	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
EA19						
Total industry	-0.8	1.5	-1.4	0.8	-0.7	1.6
Intermediate goods	-1.0	0.6	-0.3	-0.3	-0.3	1.4
Energy	3.4	0.1	-2.7	-0.5	0.3	3.3
Capital goods	-1.1	2.0	-2.4	1.7	-1.9	3.5
Durable consumer goods	-0.8	2.2	-1.7	1.4	-1.0	4.3
Non-durable consumer goods	-3.1	2.6	-0.1	0.8	0.4	-0.6
EU28						
Total industry	-0.5	1.6	-1.3	0.6	-0.7	1.4
Intermediate goods	-0.9	0.6	-0.4	-0.1	-0.4	0.9
Energy	2.8	0.6	-2.3	-0.5	1.0	1.9
Capital goods	-0.7	1.9	-2.1	1.5	-2.4	3.8
Durable consumer goods	-0.9	1.8	-1.1	1.1	-0.9	2.7
Non-durable consumer goods	-2.4	3.0	-0.7	0.2	0.6	-0.5

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

Total industry	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
EA19	-0.8	1.5	-1.4	0.8	-0.7	1.6
EU28	-0.5	1.6	-1.3	0.6	-0.7	1.4
Belgium	-0.5	0.3	-1.6	1.5	1.6	:
Bulgaria	-0.7	-0.4	-1.7	3.9	-1.5	0.7
Czech Republic	1.6	-1.2	-0.1	2.3	-9.8	12.1
Denmark	-0.2	1.1	0.2	-0.3	2.1	-1.6
Germany	-0.8	0.8	-1.2	1.3	-1.9	3.1
Estonia	-3.2	5.1	-3.2	-1.9	4.5	-0.5
Ireland	-16.2	21.5	-7.9	7.4	7.9	-13.4
Greece	-0.4	4.1	-4.2	4.1	-0.6	0.3
Spain	1.3	-0.2	-0.6	0.0	-0.2	1.8
France	-0.2	1.0	-0.6	-0.7	-0.5	2.0
Croatia	4.0	-3.1	-0.9	0.3	-0.5	-1.1
Italy	0.0	0.5	-0.6	-0.3	0.7	1.7
Cyprus	1.3	1.2	-2.6	2.9	0.0	:
Latvia	4.2	-1.8	2.1	0.5	-2.1	-2.0
Lithuania	-3.6	-3.0	4.0	-0.5	-0.3	-2.0
Luxembourg	-0.1	-3.2	-0.1	4.3	-0.9	:
Hungary	-1.7	5.8	-0.6	-2.3	-0.3	1.6
Malta	-0.8	1.2	0.1	-0.8	-0.5	0.3
Netherlands	1.1	2.2	-5.5	1.3	-2.0	4.4
Austria	2.4	0.1	-0.6	-0.2	-0.6	:
Poland	-0.7	2.3	-1.1	0.4	-1.5	2.1
Portugal	-1.2	5.9	-3.8	1.9	-0.9	0.5
Romania	0.8	2.1	-4.2	2.2	0.8	0.5
Slovenia	-0.4	0.5	0.6	0.5	1.1	-0.5
Slovakia	-2.7	3.6	0.1	-1.3	-15.9	:
Finland	-2.3	2.1	0.1	0.8	0.8	-3.5
Sweden	0.4	-0.2	-2.8	-1.2	1.0	-2.9
United Kingdom	0.5	2.3	-0.7	0.0	0.1	-0.4
Norway	-0.1	0.8	-0.5	-4.1	4.6	-4.7

* Calendar and seasonally adjusted

: Data not available

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

Industrial production

% change compared with same month of the previous year*

	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
EA19						
Total industry	-0.1	2.0	0.4	0.7	-0.5	1.8
Intermediate goods	0.7	1.7	1.1	0.5	0.5	2.0
Energy	-0.1	2.2	-1.4	-3.5	-5.0	1.5
Capital goods	0.9	3.1	-0.4	1.5	-1.3	2.6
Durable consumer goods	1.4	2.0	-1.1	0.7	1.5	4.9
Non-durable consumer goods	-3.8	1.3	0.8	1.5	1.8	-0.1
EU28						
Total industry	0.2	2.5	0.9	0.8	0.0	1.8
Intermediate goods	0.4	1.5	1.0	0.4	0.5	1.9
Energy	0.2	2.0	-1.8	-3.2	-3.2	0.2
Capital goods	1.3	3.1	0.4	1.8	-0.9	3.3
Durable consumer goods	1.7	2.7	0.7	1.1	2.2	4.6
Non-durable consumer goods	-3.3	2.4	1.0	1.1	1.6	0.1

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

Total industry	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
EA19	-0.1	2.0	0.4	0.7	-0.5	1.8
EU28	0.2	2.5	0.9	0.8	0.0	1.8
Belgium	2.6	3.7	1.5	5.4	5.5	:
Bulgaria	2.6	2.6	-3.4	4.0	2.3	2.7
Czech Republic	4.1	1.4	1.4	4.0	-7.6	7.7
Denmark	-0.9	1.6	3.9	-1.5	7.1	0.1
Germany	0.3	1.0	-0.2	1.1	-1.7	2.1
Estonia	-4.7	0.5	-2.1	-3.6	2.2	1.0
Ireland	-19.4	0.8	-0.7	1.7	5.1	-8.5
Greece	-3.9	3.5	3.4	8.0	4.7	-0.4
Spain	3.6	2.8	1.1	0.3	-0.9	3.8
France	-0.4	2.1	0.6	-1.3	-0.3	0.2
Croatia	6.9	5.0	1.7	4.1	1.2	2.5
Italy	0.5	1.8	-0.6	-0.9	-0.3	4.1
Cyprus	10.6	10.3	3.8	10.8	8.4	:
Latvia	2.7	0.0	5.4	7.9	2.6	-0.6
Lithuania	2.7	-1.6	0.2	-1.4	-0.6	-1.2
Luxembourg	0.6	-1.4	-3.0	3.7	2.5	:
Hungary	-3.1	5.0	4.4	-0.3	-0.1	3.5
Malta	-4.2	-2.6	-3.9	-6.6	-5.6	-3.9
Netherlands	2.0	5.5	1.6	1.4	-0.2	4.7
Austria	3.2	3.7	2.4	1.4	-0.8	:
Poland	0.5	5.9	3.2	3.8	0.9	5.1
Portugal	0.3	3.4	-2.0	1.3	-1.5	1.7
Romania	-2.0	4.3	-1.3	-1.3	1.1	2.7
Slovenia	4.9	5.6	5.2	6.2	7.0	5.9
Slovakia	-2.0	7.6	9.6	2.3	-14.3	:
Finland	-2.9	1.9	2.1	3.2	5.3	-2.8
Sweden	5.7	3.0	-1.9	-2.9	2.1	-6.2
United Kingdom	0.3	4.3	3.6	1.1	2.3	1.9
Norway	-1.7	6.0	1.5	-5.8	0.5	-6.5

* Calendar adjusted

: Data not available

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

Production indices for total industry, calendar and seasonally adjusted
(base year 2010)

	08/15	09/15	10/15	11/15	12/15	01/16	02/16	03/16	04/16	05/16	06/16	07/16	08/16
EA19	103.3	103.4	104.1	103.8	103.3	106.0	104.3	103.5	105.1	103.6	104.4	103.7	105.3
EU28	103.9	104.2	104.8	104.4	103.9	106.1	104.8	104.3	105.9	104.5	105.2	104.4	105.8
Belgium	103.3	103.5	104.5	106.9	102.8	108.9	107.4	106.9	107.2	105.5	107.1	108.8	:
Bulgaria	110.1	109.2	110.4	110.9	112.5	113.0	113.2	112.4	111.9	110.0	114.3	112.5	113.3
Czech Republic	113.0	115.8	117.4	115.9	114.2	118.3	117.4	119.2	117.8	117.7	120.4	108.6	121.7
Denmark	107.2	105.3	101.7	100.5	104.1	107.2	106.2	106.0	107.2	107.4	107.1	109.3	107.6
Germany	108.9	108.5	108.7	108.3	108.3	111.3	110.1	109.2	110.1	108.8	110.2	108.1	111.4
Estonia	128.2	128.4	128.9	125.4	123.5	129.1	128.8	124.7	131.1	126.9	124.5	130.1	129.5
Ireland	160.7	160.1	162.3	159.3	160.2	189.0	157.7	132.2	160.6	147.9	158.8	171.4	148.4
Greece	90.0	88.5	87.4	90.7	92.9	91.5	87.5	87.2	90.8	86.9	90.5	89.9	90.2
Spain	93.4	95.1	95.5	95.4	95.4	95.2	94.8	96.1	95.9	95.3	95.3	95.1	96.8
France	101.1	101.4	102.0	101.3	100.6	101.8	100.6	100.4	101.4	100.9	100.1	99.6	101.7
Croatia	93.7	98.0	99.6	98.0	95.9	98.2	97.8	101.7	98.5	97.6	97.9	97.4	96.3
Italy	91.5	92.1	92.7	92.3	91.7	93.3	92.7	92.7	93.2	92.6	92.3	92.9	94.5
Cyprus	75.4	75.2	74.7	76.6	76.4	78.3	78.5	79.5	80.4	78.3	80.5	80.5	:
Latvia	119.5	118.5	118.6	119.5	118.6	118.9	118.7	123.8	121.5	124.0	124.6	122.0	119.5
Lithuania	117.7	115.9	128.3	125.7	121.6	122.7	124.2	119.7	116.1	120.8	120.2	119.8	117.4
Luxembourg	100.3	97.3	99.8	101.5	99.0	99.4	100.3	100.2	97.0	96.9	101.1	100.1	:
Hungary	119.0	122.4	123.9	122.1	121.5	121.8	120.5	118.4	125.3	124.6	121.7	121.3	123.2
Malta	99.4	99.6	101.5	98.6	97.8	93.3	96.0	95.2	96.3	96.4	95.6	95.1	95.4
Netherlands	89.9	91.2	93.7	93.5	92.3	94.7	93.8	94.8	96.9	91.6	92.8	90.9	94.9
Austria	110.5	110.1	112.3	111.3	109.8	112.5	110.4	113.1	113.2	112.5	112.3	111.6	:
Poland	117.9	119.8	120.8	121.6	122.5	122.2	122.2	121.4	124.2	122.8	123.3	121.4	123.9
Portugal	97.1	96.1	99.9	96.2	94.7	95.5	96.3	95.1	100.7	96.9	98.7	97.8	98.3
Romania	131.6	133.1	132.7	132.6	132.2	129.5	130.5	131.5	134.3	128.6	131.4	132.5	133.2
Slovenia	106.9	107.8	107.3	107.8	106.7	111.0	111.3	110.9	111.5	112.2	112.8	114.0	113.4
Slovakia	134.0	138.3	136.6	140.5	140.6	138.4	142.3	138.5	143.5	143.7	141.8	119.2	:
Finland	94.3	94.4	93.5	93.8	94.8	92.9	94.8	92.6	94.5	94.6	95.4	96.2	92.8
Sweden	99.6	99.6	99.7	100.0	96.9	99.2	99.2	99.6	99.4	96.6	95.4	96.4	93.6
United Kingdom	99.3	99.4	99.5	98.7	97.6	98.4	98.3	98.8	101.0	100.3	100.3	100.4	100.0
Norway	99.8	100.9	96.7	96.7	95.9	97.1	97.4	97.3	98.1	97.6	93.6	97.9	93.3

: Data not available

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

Production indices for total industry, calendar adjusted
(base year 2010)

	08/13	08/14	08/15	09/15	10/15	11/15	12/15	01/16	02/16	03/16	04/16	05/16	06/16	07/16	08/16
EA19	84.9	84.6	87.1	107.5	109.4	108.4	98.6	101.3	102.4	111.5	104.1	103.4	107.4	105.6	88.7
EU28	87.4	87.2	89.9	107.9	110.2	109.2	99.6	101.8	102.4	112.2	105.2	104.6	107.8	104.7	91.6
Belgium	92.2	92.4	93.8	109.2	110.5	108.3	101.3	106.6	105.4	116.5	107.3	104.3	112.7	100.4	:
Bulgaria	104.8	102.4	106.5	109.2	114.6	118.0	116.1	108.2	106.5	112.4	109.9	103.7	115.9	116.3	109.3
Czech Republic	100.2	96.7	103.8	119.4	125.7	123.9	107.8	112.6	113.1	127.4	118.0	117.8	125.2	102.1	111.8
Denmark	98.7	103.1	106.0	111.0	111.6	108.3	99.4	107.2	101.6	109.3	103.9	106.2	110.0	96.4	106.1
Germany	100.3	98.2	101.1	113.1	113.3	115.1	102.9	103.9	106.6	117.5	108.7	106.4	112.1	109.3	103.2
Estonia	125.3	131.2	127.3	133.4	138.9	131.2	116.6	123.5	120.9	131.2	130.5	132.0	124.6	119.1	128.6
Ireland*	89.0	110.8	151.2	163.3	163.6	162.0	152.5	186.8	152.7	144.9	160.1	147.0	163.8	168.3	138.4
Greece	87.9	83.5	87.2	92.4	85.2	88.0	89.7	83.4	85.3	87.5	90.6	88.6	97.1	99.8	86.8
Spain	71.6	71.7	73.3	98.5	99.9	98.2	88.0	92.1	93.9	102.8	95.0	99.5	99.7	101.2	76.1
France	75.5	75.4	77.5	104.9	107.7	103.1	100.3	102.4	100.7	109.5	103.2	96.1	105.9	98.0	77.6
Croatia	87.3	83.9	85.6	99.4	103.0	102.7	95.1	88.5	91.9	106.5	99.5	101.7	96.8	102.3	87.7
Italy	58.6	58.3	59.2	97.7	101.1	95.8	79.9	88.5	93.9	101.2	92.1	100.2	96.0	106.1	61.6
Cyprus	65.3	65.5	67.8	80.9	75.4	73.3	74.8	69.7	70.9	77.2	78.7	82.2	87.8	96.5	:
Latvia	121.0	119.6	124.4	122.1	131.5	125.8	117.2	103.1	100.0	121.5	122.4	127.0	127.9	124.4	123.6
Lithuania	116.3	111.3	117.4	116.4	131.7	130.0	122.3	118.7	119.3	121.2	112.5	120.8	120.4	120.7	116.0
Luxembourg	83.2	83.6	87.0	99.1	107.9	104.0	91.7	96.7	98.8	106.5	99.4	97.1	103.1	101.5	:
Hungary	97.4	100.4	107.0	130.5	132.7	134.5	114.6	117.4	113.8	123.6	124.5	126.6	125.1	118.5	110.7
Malta	94.3	85.5	92.4	103.6	106.7	97.3	84.8	88.4	90.8	102.6	97.3	97.8	102.0	102.2	88.8
Netherlands	80.9	81.6	75.2	86.9	96.1	101.4	99.3	102.3	98.3	105.2	93.6	88.1	89.4	81.3	78.7
Austria	98.1	96.0	99.0	117.1	118.5	117.9	108.8	100.2	102.5	120.9	112.9	110.6	115.4	112.6	:
Poland	108.1	108.3	111.6	125.9	130.5	126.6	118.3	116.4	116.3	128.0	123.1	120.3	124.3	118.0	117.3
Portugal	79.5	81.5	81.6	99.1	101.5	98.6	87.2	96.3	96.8	99.3	98.4	100.6	101.9	102.2	83.0
Romania	107.9	110.5	113.9	137.1	141.2	139.9	122.6	124.4	126.2	137.1	134.3	133.7	131.8	135.2	117.0
Slovenia	85.2	86.4	91.2	113.0	113.4	112.0	96.5	106.9	108.1	120.3	110.2	115.4	119.1	115.6	96.6
Slovakia	107.9	117.5	117.0	141.2	149.3	152.1	128.4	130.8	142.7	144.8	145.6	147.6	148.4	113.6	:
Finland	98.2	95.9	94.4	101.7	107.3	104.8	106.5	73.4	80.4	93.6	87.8	99.5	95.8	90.2	91.8
Sweden	85.7	84.3	89.3	103.3	106.7	106.0	98.8	94.7	96.5	108.3	102.9	97.0	99.6	79.2	83.8
United Kingdom	89.7	90.5	92.4	99.8	102.5	102.3	95.8	97.0	95.5	107.7	101.4	102.3	100.9	98.8	94.2
Norway	91.7	93.8	96.8	96.2	102.7	101.0	98.5	103.0	95.6	102.2	96.1	96.8	89.2	88.0	90.5

* Data for Ireland have been revised as of January 2015. The changes arise due to increased globalisation. Eurostat will review the underlying methodology in due course.

: Data not available

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