

170/2017 - 14 November 2017

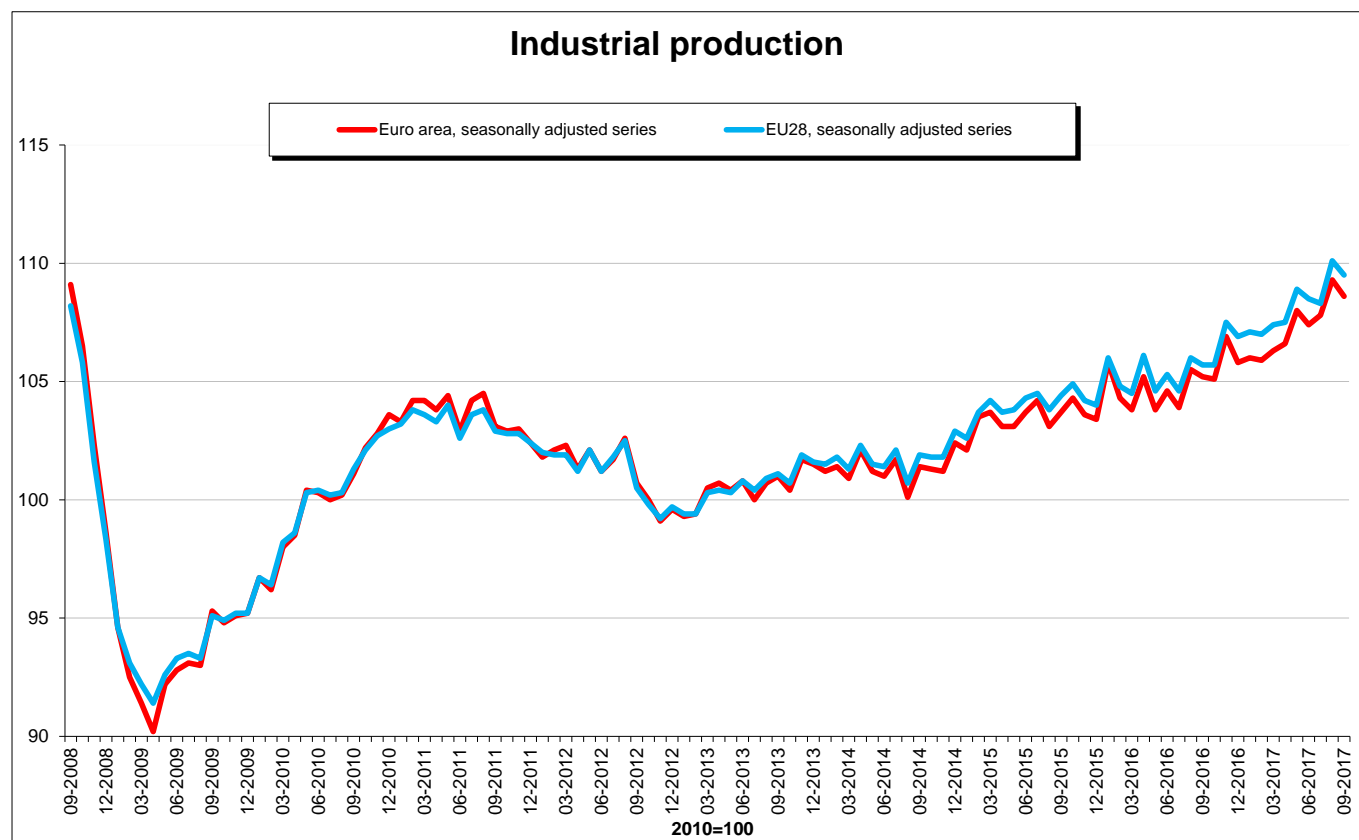
September 2017 compared with August 2017

Industrial production down by 0.6% in euro area

Down by 0.5% in EU28

In September 2017 compared with August 2017, seasonally adjusted industrial production fell by 0.6% in the **euro area** (EA19) and by 0.5% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2017, industrial production rose by 1.4% in the **euro area** and by 1.7% in the **EU28**.

In September 2017 compared with September 2016, industrial production increased by 3.3% in the **euro area** and by 3.6% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

The decrease of 0.6% in industrial production in the **euro area** in September 2017, compared with August 2017, is due to production of capital goods falling by 1.6%, both energy and durable consumer goods by 0.9% and intermediate goods by 0.6%, while production of non-durable consumer goods rose by 0.1%.

In the **EU28**, the decrease of 0.5% is due to production of capital goods falling by 1.4%, energy by 0.6%, both intermediate goods and non-durable consumer goods by 0.3% and durable consumer goods by 0.1%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Portugal** (-6.7%), **Denmark** (-3.7%) and **Greece** (-3.6%), and the highest increases in the **Netherlands** (+4.3%), **Sweden** (+2.4%) and **Estonia** (+2.3%).

Annual comparison by main industrial grouping and by Member State

The increase of 3.3% in industrial production in the **euro area** in September 2017, compared with September 2016, is due to production of durable consumer goods rising by 6.9%, intermediate goods by 4.6%, capital goods by 4.5% and non-durable consumer goods by 1.5%, while production of energy fell by 1.7%.

In the **EU28**, the increase of 3.6% is due to production of durable consumer goods rising by 6.6%, capital goods by 4.9%, intermediate goods by 4.7% and non-durable consumer goods by 1.6%, while production of energy fell by 0.1%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Latvia** (+12.9%), **Slovenia** (+8.6%) and **Hungary** (+8.0%). A decrease was observed in **Ireland** (-3.1%).

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 [153/2017](#) of 12 October 2017, the monthly percentage change for August 2017 remains unchanged at +1.4% in the euro area and at +1.7% in the EU28. The annual percentage change has been revised from +3.8% to +3.9% in the euro area and from +3.9% to +4.0% 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*

	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
EA19						
Total industry	0.3	1.3	-0.6	0.4	1.4	-0.6
Intermediate goods	0.2	0.6	0.0	0.7	1.1	-0.6
Energy	3.5	0.6	0.9	-1.3	0.3	-0.9
Capital goods	-0.9	2.3	-1.9	1.0	3.3	-1.6
Durable consumer goods	-0.3	1.8	-1.3	0.9	1.4	-0.9
Non-durable consumer goods	-0.2	1.3	-0.3	0.5	0.1	0.1
EU28						
Total industry	0.1	1.3	-0.4	-0.2	1.7	-0.5
Intermediate goods	0.1	0.6	-0.2	0.6	1.0	-0.3
Energy	3.1	0.5	0.8	-1.2	0.9	-0.6
Capital goods	-0.9	2.1	-1.5	0.4	3.4	-1.4
Durable consumer goods	-0.6	1.9	-0.9	0.1	1.3	-0.1
Non-durable consumer goods	-0.2	1.2	-0.4	0.1	0.4	-0.3

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

Total industry	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
EA19	0.3	1.3	-0.6	0.4	1.4	-0.6
EU28	0.1	1.3	-0.4	-0.2	1.7	-0.5
Belgium	0.0	0.3	1.8	2.7	-0.6	:
Bulgaria	-0.8	2.5	-1.8	0.4	-0.3	0.3
Czech Republic	1.0	2.9	-3.2	-9.9	14.2	-0.3
Denmark	-2.5	1.9	-2.8	-2.3	2.6	-3.7
Germany	0.8	1.4	-1.0	-0.1	3.0	-1.8
Estonia	0.5	-0.9	-0.1	-3.3	0.1	2.3
Ireland	8.4	1.1	-5.9	1.6	1.1	0.7
Greece	-3.0	0.5	-0.4	0.4	2.8	-3.6
Spain	-0.3	1.8	-0.2	-0.3	1.1	0.0
France	-0.6	1.8	-1.3	1.0	-0.3	0.6
Croatia	-2.6	2.7	0.7	-1.2	0.3	1.4
Italy	-0.3	0.7	1.0	0.1	1.2	-1.3
Cyprus	-2.6	1.7	0.1	2.0	-0.6	:
Latvia	-0.2	2.0	-0.4	0.1	1.4	1.4
Lithuania	0.3	3.8	0.5	-0.3	3.4	-0.2
Luxembourg	-1.1	0.0	2.3	1.9	-2.0	:
Hungary	-0.8	2.1	-1.3	-4.2	5.5	-0.7
Malta	0.9	0.8	-2.5	-2.5	5.6	-0.6
Netherlands	1.0	0.6	1.4	-0.9	-2.4	4.3
Austria	0.2	-0.1	0.6	1.3	0.3	:
Poland	-1.1	1.2	0.5	-1.0	3.1	-1.2
Portugal	-4.7	5.1	-0.1	2.3	4.7	-6.7
Romania	0.6	3.3	-1.6	-1.2	1.5	-0.7
Slovenia	-0.6	1.2	-0.7	0.7	1.6	1.3
Slovakia	-5.3	3.6	-0.5	-3.1	2.4	0.8
Finland	0.1	2.1	-0.6	0.9	0.0	0.3
Sweden	-1.3	2.2	0.8	-0.9	-1.6	2.4
United Kingdom	0.1	0.2	0.4	0.4	0.3	0.7
Norway	0.7	-0.6	0.4	0.6	0.4	-0.4

* Calendar and seasonally adjusted

: Data not available

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

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

	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
EA19						
Total industry	1.2	4.1	2.9	3.7	3.9	3.3
Intermediate goods	3.2	4.1	4.3	5.1	5.3	4.6
Energy	-0.9	1.6	4.9	1.6	-0.1	-1.7
Capital goods	0.4	5.5	1.6	4.6	5.1	4.5
Durable consumer goods	3.3	6.8	3.8	5.6	3.0	6.9
Non-durable consumer goods	0.2	2.8	0.9	0.6	2.5	1.5
EU28						
Total industry	1.2	4.2	3.1	3.4	4.0	3.6
Intermediate goods	3.9	5.1	4.3	5.0	5.3	4.7
Energy	-1.5	1.0	3.6	0.2	0.4	-0.1
Capital goods	1.6	6.4	2.7	4.9	5.7	4.9
Durable consumer goods	3.0	6.5	3.8	4.6	3.2	6.6
Non-durable consumer goods	-0.1	2.9	1.6	0.6	2.4	1.6

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

Total industry	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
EA19	1.2	4.1	2.9	3.7	3.9	3.3
EU28	1.2	4.2	3.1	3.4	4.0	3.6
Belgium	1.7	4.2	4.7	5.1	5.0	:
Bulgaria	5.1	9.5	3.3	4.6	4.1	3.2
Czech Republic	6.7	10.9	3.0	3.3	5.9	6.9
Denmark	1.5	4.8	1.2	-4.5	0.3	2.9
Germany	2.3	4.7	2.4	4.1	4.6	3.5
Estonia	10.1	11.8	12.0	4.5	4.7	4.0
Ireland	-1.2	6.7	-7.9	-8.9	0.6	-3.1
Greece	1.0	6.6	2.3	2.4	6.1	2.6
Spain	-0.2	3.8	2.9	2.1	2.6	3.5
France	-0.2	3.1	2.3	3.7	1.3	3.2
Croatia	-0.4	3.6	4.2	2.5	3.2	3.1
Italy	0.9	2.7	5.2	4.6	5.8	2.4
Cyprus	2.7	7.5	4.8	8.2	6.6	:
Latvia	9.6	10.4	7.8	8.9	12.5	12.9
Lithuania	4.5	7.3	8.2	5.3	13.2	7.7
Luxembourg	-0.8	-0.1	0.8	5.0	5.6	:
Hungary	2.8	6.4	6.6	0.2	6.8	8.0
Malta	4.6	5.8	2.6	-1.2	5.7	3.9
Netherlands	-1.6	2.4	3.8	3.6	-1.5	1.6
Austria	4.3	3.4	5.2	7.1	5.8	:
Poland	4.1	6.8	6.9	6.4	8.8	6.8
Portugal	-2.8	5.8	4.0	5.6	8.7	4.7
Romania	1.3	14.7	11.8	7.6	10.1	6.7
Slovenia	7.1	7.9	6.0	5.9	8.2	8.6
Slovakia	-3.1	5.1	3.2	9.2	-0.4	2.4
Finland	2.2	6.4	3.6	4.5	6.5	4.7
Sweden	0.9	7.5	9.2	6.4	7.2	3.7
United Kingdom	-0.1	0.3	0.8	1.0	2.0	3.1
Norway	0.9	0.5	5.5	0.5	6.9	12.4

* Calendar adjusted

: Data not available

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

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

	09/16	10/16	11/16	12/16	01/17	02/17	03/17	04/17	05/17	06/17	07/17	08/17	09/17
EA19	105.2	105.1	106.9	105.8	106.0	105.9	106.3	106.6	108.0	107.4	107.8	109.3	108.6
EU28	105.7	105.7	107.5	106.9	107.1	107.0	107.4	107.5	108.9	108.5	108.3	110.1	109.5
Belgium	106.9	107.9	109.3	113.7	108.5	112.2	110.5	110.5	110.8	112.8	115.9	115.2	:
Bulgaria	114.2	113.0	114.1	116.0	112.4	116.7	117.9	117.0	119.9	117.8	118.3	118.0	118.4
Czech Republic	120.0	119.8	121.9	119.6	124.3	124.8	124.5	125.8	129.5	125.3	112.9	128.9	128.5
Denmark	100.8	111.2	112.2	112.9	108.2	109.8	112.1	109.3	111.4	108.3	105.8	108.5	104.5
Germany	110.3	110.4	111.1	108.9	110.7	111.3	111.4	112.3	113.9	112.8	112.7	116.1	114.0
Estonia	138.6	139.3	141.0	139.3	140.5	142.9	146.2	147.0	145.7	145.6	140.8	140.9	144.2
Ireland	159.3	154.6	177.1	159.8	164.1	144.2	144.4	156.6	158.4	149.1	151.5	153.1	154.1
Greece	89.8	93.7	92.7	95.1	97.3	96.7	95.5	92.6	93.1	92.7	93.1	95.7	92.3
Spain	95.7	96.0	97.4	97.1	97.5	97.2	97.0	96.7	98.4	98.2	97.9	99.0	99.0
France	100.5	100.7	103.4	101.9	102.0	100.3	102.6	102.0	103.8	102.5	103.5	103.2	103.8
Croatia	99.8	101.3	103.8	107.7	101.8	100.9	101.5	98.9	101.6	102.3	101.1	101.4	102.8
Italy	94.3	94.0	94.8	96.2	94.1	95.0	95.5	95.2	95.9	96.9	97.0	98.2	96.9
Cyprus	79.3	81.2	80.8	83.2	83.6	84.4	85.5	83.3	84.7	84.8	86.5	86.0	:
Latvia	123.2	126.7	130.2	130.7	127.6	131.8	133.1	132.8	135.5	135.0	135.2	137.1	139.0
Lithuania	125.6	125.9	126.7	128.2	128.7	129.7	124.7	125.1	129.9	130.5	130.1	134.5	134.2
Luxembourg	98.7	96.2	97.1	102.0	93.5	96.3	100.0	98.9	98.9	101.2	103.1	101.0	:
Hungary	119.7	122.1	123.1	124.0	124.3	128.0	129.0	128.0	130.7	129.0	123.6	130.4	129.5
Malta	97.4	95.8	97.7	99.7	100.0	101.3	99.6	100.5	101.3	98.8	96.3	101.7	101.1
Netherlands	97.0	95.3	97.8	97.5	97.0	97.1	94.0	94.9	95.5	96.8	95.9	93.6	97.6
Austria	113.1	114.3	116.1	115.0	113.5	116.4	117.2	117.4	117.3	118.0	119.5	119.9	:
Poland	123.8	122.7	125.2	127.2	127.2	128.2	130.6	129.1	130.7	131.4	130.1	134.1	132.5
Portugal	100.4	98.3	100.2	101.6	101.9	100.0	103.3	98.4	103.4	103.3	105.7	110.7	103.3
Romania	134.8	133.7	135.1	137.3	136.9	138.7	142.5	143.3	148.0	145.6	143.9	146.0	145.0
Slovenia	116.2	116.0	117.2	119.2	116.3	120.2	121.4	120.7	122.2	121.4	122.3	124.3	125.9
Slovakia	139.5	139.5	140.7	142.0	142.4	140.9	146.1	138.3	143.3	142.6	138.2	141.5	142.7
Finland	96.5	96.8	97.1	96.4	96.8	96.6	97.8	97.9	100.0	99.4	100.3	100.3	100.6
Sweden	100.5	98.5	99.8	99.0	101.8	102.1	102.5	101.2	103.4	104.2	103.3	101.6	104.0
United Kingdom	99.9	98.9	101.0	102.1	101.7	100.9	100.3	100.4	100.6	101.0	101.4	101.7	102.4
Norway	88.4	97.5	97.9	95.2	98.6	98.1	98.0	98.7	98.1	98.5	99.1	99.5	99.1

: Data not available

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

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

	09/14	09/15	09/16	10/16	11/16	12/16	01/17	02/17	03/17	04/17	05/17	06/17	07/17	08/17	09/17
EA19	105.3	107.6	109.0	110.2	112.2	101.2	101.7	103.8	114.3	105.3	107.7	110.6	109.6	92.8	112.6
EU28	105.5	108.0	109.4	110.8	112.8	103.1	103.2	104.7	115.5	106.4	108.9	111.2	108.2	95.7	113.3
Belgium	111.7	110.2	112.4	113.9	110.6	112.0	106.0	110.3	120.6	110.2	109.2	118.8	107.9	105.2	:
Bulgaria	107.6	108.5	114.1	117.7	122.4	122.5	106.8	111.1	119.9	113.0	114.3	119.7	122.0	113.7	117.7
Czech Republic	115.5	119.4	123.1	127.3	130.1	111.7	119.0	120.8	133.3	126.4	131.3	129.9	106.2	119.2	131.6
Denmark	108.8	111.0	107.4	120.3	120.5	109.0	107.9	105.0	116.0	105.5	111.4	111.3	92.0	106.8	110.5
Germany	112.4	113.1	114.9	114.8	118.1	102.9	103.7	108.1	120.0	111.1	111.2	114.8	113.6	108.2	118.9
Estonia	138.4	137.2	144.1	149.7	146.9	130.8	134.0	134.2	154.4	147.8	152.4	146.5	128.6	138.9	149.9
Ireland*	119.4	163.3	162.6	155.9	183.6	153.7	171.0	137.2	147.3	158.1	156.8	150.8	153.3	140.7	157.6
Greece	89.7	92.4	92.3	91.3	89.9	92.1	89.5	95.1	96.8	91.8	94.9	99.5	103.0	92.9	94.7
Spain	94.5	98.5	98.7	100.0	101.4	89.8	94.9	96.2	103.5	94.6	103.3	102.7	103.3	78.6	102.2
France	103.3	105.2	103.9	105.9	105.7	101.4	103.2	99.9	112.7	103.2	99.5	108.5	101.6	79.2	107.2
Croatia	94.2	99.4	101.2	104.8	110.0	109.3	92.3	94.6	106.9	99.1	105.4	100.9	104.9	90.5	104.3
Italy	96.2	97.8	99.7	102.3	99.1	85.5	88.1	95.7	104.0	93.1	103.1	101.0	111.1	65.4	102.1
Cyprus	76.3	80.3	82.9	81.2	76.3	82.3	74.4	77.3	84.9	81.1	88.6	92.3	105.0	77.3	:
Latvia	119.7	122.1	125.0	140.7	139.9	130.7	108.4	110.8	133.6	134.0	140.2	137.9	135.2	139.0	141.1
Lithuania	116.2	116.5	126.1	133.0	132.7	129.9	125.9	126.6	126.5	118.2	130.1	131.3	127.7	133.5	135.8
Luxembourg	100.4	100.4	101.2	103.0	99.0	96.8	88.0	93.7	109.6	99.4	99.4	104.2	106.0	86.8	:
Hungary	122.7	132.5	128.2	130.1	135.1	114.9	119.3	123.8	135.1	127.1	132.0	133.8	120.8	117.6	138.5
Malta	98.7	103.6	101.7	99.4	96.6	87.2	95.1	96.9	107.3	101.6	103.4	104.5	101.3	95.3	105.7
Netherlands	91.4	86.9	91.9	97.8	107.8	107.7	107.6	102.3	102.1	92.4	90.8	93.4	84.0	77.6	93.4
Austria	115.7	118.1	120.4	119.7	123.9	114.4	99.8	108.9	126.4	116.9	115.2	121.2	120.1	107.5	:
Poland	120.9	125.8	129.9	131.6	130.5	123.5	121.5	122.0	139.1	128.1	128.5	132.8	125.5	127.7	138.7
Portugal	95.1	100.3	102.0	99.4	102.5	92.7	103.4	99.7	107.7	97.7	108.0	106.8	111.0	92.7	106.8
Romania	132.0	137.1	141.9	144.0	143.9	129.7	131.2	133.7	151.9	136.1	153.4	147.3	145.5	129.0	151.4
Slovenia	105.9	113.1	122.8	122.1	121.7	108.4	111.2	117.0	132.4	119.1	126.0	127.3	123.0	106.0	133.3
Slovakia	124.3	136.9	142.6	149.4	151.3	129.5	134.1	140.2	158.4	136.4	149.0	150.9	122.6	132.8	146.0
Finland	100.8	101.5	105.0	111.7	109.2	107.4	75.1	80.3	97.6	89.9	107.4	100.9	95.5	98.2	109.9
Sweden	96.1	103.3	105.0	105.5	106.3	99.2	98.1	100.0	112.2	103.8	104.3	108.7	84.4	89.7	108.9
United Kingdom	98.7	99.6	100.0	100.7	104.5	103.1	101.4	99.6	109.0	100.2	101.3	101.2	98.4	95.6	103.1
Norway	94.3	96.3	84.2	103.4	102.4	97.2	104.4	96.7	103.4	97.0	97.3	94.1	88.4	96.7	94.6

* 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](#).