

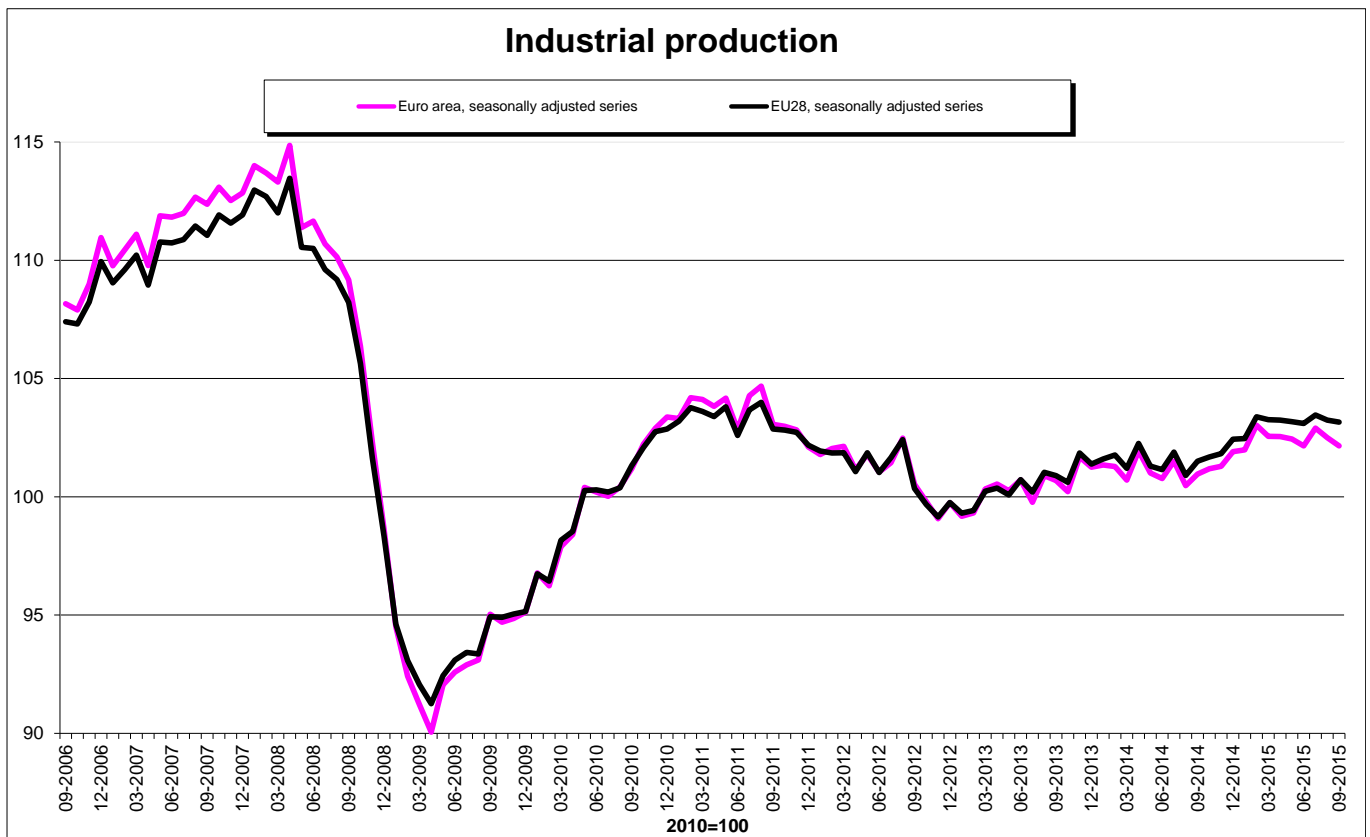
September 2015 compared with August 2015

Industrial production down by 0.3% in euro area

Down by 0.1% in EU28

In September 2015 compared with August 2015, seasonally adjusted industrial production fell by 0.3% in the **euro area** (EA19) and by 0.1% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2015 industrial production fell by 0.4% and 0.2% respectively.

In September 2015 compared with September 2014, industrial production increased by 1.7% in the **euro area** and by 1.8% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

The decrease of 0.3% in industrial production in the **euro area** in September 2015, compared with August 2015, is due to production of durable consumer goods falling by 3.9%, non-durable consumer goods by 1.0% and capital goods by 0.3%, while production of intermediate goods remained stable and energy rose by 1.2%.

In the **EU28**, the decrease of 0.1% is due to production of durable consumer goods falling by 2.5%, non-durable consumer goods by 0.6% and energy by 0.2%, while production of both capital goods and intermediate goods rose by 0.1%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-2.4%), **Lithuania** (-2.3%) and **Greece** (-1.9%), and the highest increases in **Croatia** (+5.9%), **Hungary** (+2.9%), the **Czech Republic** (+2.6%) and **Slovakia** (+2.2%).

Annual comparison by main industrial grouping and by Member State

The increase of 1.7% in industrial production in the **euro area** in September 2015, compared with September 2014, is due to production of durable consumer goods rising by 2.6%, capital goods by 2.2%, non-durable consumer goods by 2.1% and intermediate goods by 1.8%, while production of energy fell by 1.4%.

In the **EU28**, the increase of 1.8% is due to production of capital goods rising by 2.7%, both durable and non-durable consumer goods by 1.7%, intermediate goods by 1.4% and energy by 0.1%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Ireland** (+14.6%), **Hungary** (+7.9%), **Slovakia** (+7.2%) and **Sweden** (+7.1%). Decreases were observed in the **Netherlands** (-5.6%), **Estonia** (-4.1%) and **Lithuania** (-0.6%).

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 working day 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 178/2015 of 14 October 2015, the monthly percentage changes for August 2015 have been revised from -0.5% to -0.4% in the euro area and from -0.3% to -0.2% in the EU28. The annual percentage changes have been revised from +0.9% to +2.2% in the euro area and from +1.9% to +2.5% in the EU28.

For more information

Eurostat's database section on short-term business statistics

Eurostat's 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's €-indicators release calendar

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Industrial production
% change compared with previous month*

	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15
EA19						
Total industry	0.0	-0.1	-0.3	0.7	-0.4	-0.3
Intermediate goods	0.0	0.3	-0.3	-0.4	0.3	0.0
Energy	-1.3	-2.7	2.9	2.0	-3.0	1.2
Capital goods	0.4	1.3	-1.5	1.6	-1.0	-0.3
Durable consumer goods	1.2	0.0	-1.6	0.8	1.9	-3.9
Non-durable consumer goods	-0.6	-0.6	-0.4	1.2	0.1	-1.0
EU28						
Total industry	0.0	-0.1	-0.1	0.3	-0.2	-0.1
Intermediate goods	-0.1	-0.1	0.0	-0.5	0.1	0.1
Energy	-0.5	-1.0	1.6	1.3	-1.3	-0.2
Capital goods	0.5	0.7	-0.9	0.7	-0.4	0.1
Durable consumer goods	0.6	-0.2	-0.3	0.0	1.0	-2.5
Non-durable consumer goods	-1.0	-0.1	-0.5	1.1	0.1	-0.6

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

Total industry	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15
EA19	0.0	-0.1	-0.3	0.7	-0.4	-0.3
EU28	0.0	-0.1	-0.1	0.3	-0.2	-0.1
Belgium	-0.9	0.2	-2.1	1.9	0.7	:
Bulgaria	0.4	0.7	0.6	-0.8	-0.2	-1.1
Czech Republic	0.7	-0.2	0.9	1.2	-4.2	2.6
Denmark	-0.9	-2.5	5.2	-5.0	2.9	-1.7
Germany	0.6	0.4	-0.6	0.9	-0.8	-1.2
Estonia	1.0	-1.4	-0.5	-1.3	1.8	-0.5
Ireland	2.2	-5.2	-3.7	8.8	0.0	-2.4
Greece	-1.9	-5.7	-0.3	4.0	3.6	-1.9
Spain	-0.2	0.4	0.6	0.6	-1.3	1.4
France	-1.1	0.3	0.2	-1.0	1.7	0.2
Croatia	-4.1	2.7	-3.0	3.6	-4.1	5.9
Italy	-0.3	0.9	-1.0	1.1	-0.5	0.2
Cyprus	2.1	0.7	-2.5	2.1	0.7	:
Latvia	0.1	-2.1	-1.3	1.4	-1.3	-0.7
Lithuania	3.5	1.9	0.7	0.4	-3.9	-2.3
Luxembourg	-1.6	-1.4	0.3	-1.1	4.1	:
Hungary	0.1	-0.2	1.0	-0.5	-1.8	2.9
Malta	0.3	1.7	1.8	-1.7	-0.8	-0.9
Netherlands	-1.3	-5.0	4.2	-3.5	-1.6	1.2
Austria	-0.4	0.0	0.7	1.6	-2.4	:
Poland	-2.0	0.9	0.4	-0.2	-1.2	1.6
Portugal	2.4	1.5	-1.6	2.1	-1.4	-1.4
Romania	-0.2	-0.1	0.8	0.2	-0.5	1.2
Slovenia	-0.1	1.0	-0.7	0.9	-0.2	0.5
Slovakia	-1.1	0.3	1.2	1.2	-1.7	2.2
Finland	0.1	-0.8	1.4	-0.4	-0.1	1.3
Sweden	2.8	-0.6	0.5	-3.1	3.9	0.9
United Kingdom	0.1	0.2	-0.2	-0.3	0.9	-0.2
Norway	-5.6	2.4	3.5	-0.9	1.6	1.6

* Working day and seasonally adjusted

: Data not available

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

Industrial production

% change compared with same month of the previous year*

	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15
EA19						
Total industry	0.7	1.7	1.5	1.8	2.2	1.7
Intermediate goods	-0.1	2.1	0.7	0.0	1.1	1.8
Energy	0.7	-3.7	-0.2	3.8	-1.6	-1.4
Capital goods	1.9	3.9	2.1	1.8	4.0	2.2
Durable consumer goods	1.7	4.4	0.6	1.3	6.3	2.6
Non-durable consumer goods	-0.4	-0.2	2.6	2.9	2.6	2.1
EU28						
Total industry	1.1	2.0	2.0	1.8	2.5	1.8
Intermediate goods	0.6	2.2	1.3	0.4	1.0	1.4
Energy	1.1	-1.2	1.4	4.1	1.6	0.1
Capital goods	2.3	3.9	2.6	1.3	3.8	2.7
Durable consumer goods	1.9	4.1	2.3	1.8	4.4	1.7
Non-durable consumer goods	-0.8	0.0	1.9	2.4	2.1	1.7

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

Total industry	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15
EA19	0.7	1.7	1.5	1.8	2.2	1.7
EU28	1.1	2.0	2.0	1.8	2.5	1.8
Belgium	-0.7	0.2	-4.5	0.5	2.4	:
Bulgaria	1.7	3.9	5.8	3.4	4.3	0.6
Czech Republic	4.5	5.3	6.0	7.3	6.3	3.1
Denmark	2.5	0.4	10.5	1.4	1.9	1.4
Germany	1.1	2.6	1.4	1.0	3.0	0.2
Estonia	-0.3	-2.4	-2.5	-6.7	-2.5	-4.1
Ireland	7.9	-3.0	26.6	22.2	17.0	14.6
Greece	0.4	-4.6	-4.8	-1.6	4.3	2.8
Spain	1.7	2.8	4.7	5.6	2.3	4.4
France	0.4	2.5	1.1	-1.4	1.8	1.3
Croatia	1.2	4.4	1.5	3.9	2.7	5.5
Italy	0.1	3.1	-0.3	2.8	1.0	1.7
Cyprus	4.5	4.8	-0.4	3.9	2.9	:
Latvia	7.6	4.2	3.7	5.4	4.0	2.0
Lithuania	3.0	3.2	7.6	6.6	5.5	-0.6
Luxembourg	2.2	-1.0	0.1	-3.3	4.8	:
Hungary	6.3	6.4	5.8	3.5	6.2	7.9
Malta	9.1	10.8	5.9	8.9	8.5	3.5
Netherlands	-4.6	-7.1	-1.8	-6.3	-8.9	-5.6
Austria	0.6	1.8	-0.4	4.1	2.0	:
Poland	2.5	5.1	5.1	3.9	3.1	4.1
Portugal	-0.7	3.6	2.7	3.2	0.7	4.0
Romania	4.4	1.9	3.2	3.7	3.1	3.9
Slovenia	4.7	6.1	3.7	3.1	5.2	6.2
Slovakia	3.0	1.1	6.8	11.9	-0.4	7.2
Finland	-2.1	-3.9	0.2	-0.9	-1.3	1.5
Sweden	2.5	5.3	3.2	0.0	5.1	7.1
United Kingdom	0.9	1.5	1.4	0.4	2.3	1.0
Norway	-3.5	4.0	2.8	2.9	3.1	2.0

* Working day adjusted

: Data not available

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

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

	09/14	10/14	11/14	12/14	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15
EA19	101.0	101.2	101.3	101.9	102.0	103.0	102.6	102.5	102.4	102.2	102.9	102.5	102.1
EU28	101.5	101.7	101.8	102.4	102.5	103.4	103.3	103.2	103.2	103.1	103.5	103.2	103.2
Belgium	104.6	103.0	104.5	102.7	104.3	101.1	104.3	103.3	103.6	101.4	103.3	104.0	:
Bulgaria	107.4	108.3	108.4	109.6	111.4	110.6	109.1	109.5	110.2	110.9	110.0	109.8	108.6
Czech Republic	112.0	111.2	112.5	113.7	113.7	114.7	114.5	115.3	115.0	116.0	117.4	112.6	115.5
Denmark	104.0	104.0	103.6	104.7	102.5	102.4	106.9	105.9	103.3	108.7	103.3	106.3	104.5
Germany	107.7	108.0	108.1	109.2	108.9	109.1	108.6	109.3	109.7	109.0	110.0	109.1	107.8
Estonia	131.6	130.4	131.6	130.8	127.5	128.3	127.5	128.8	127.0	126.4	124.7	126.9	126.3
Ireland	115.8	123.4	126.2	117.3	118.2	149.3	134.4	137.4	130.3	125.5	136.6	136.6	133.3
Greece	85.4	88.2	88.5	87.3	87.1	89.7	90.0	88.3	83.3	83.1	86.4	89.5	87.8
Spain	91.4	91.3	91.3	91.6	91.8	92.5	93.6	93.4	93.8	94.4	95.0	93.8	95.1
France	98.2	97.4	97.0	98.6	99.1	99.6	99.6	98.5	98.9	99.0	98.0	99.7	99.8
Croatia	92.3	92.9	95.4	95.2	91.4	94.6	96.9	92.9	95.4	92.5	95.8	91.9	97.3
Italy	90.5	90.6	90.9	91.5	90.9	91.5	92.0	91.7	92.5	91.6	92.6	92.1	92.3
Cyprus	70.8	71.1	70.3	70.9	71.0	72.2	72.4	74.0	74.5	72.7	74.2	74.8	:
Latvia	114.8	114.7	112.3	112.3	109.2	110.1	121.9	122.0	119.5	118.0	119.6	118.0	117.2
Lithuania	114.6	121.0	119.8	116.4	112.2	119.1	114.2	118.2	120.5	121.4	121.9	117.2	114.5
Luxembourg	98.5	97.2	99.5	103.1	98.2	100.5	100.6	98.9	97.5	97.8	96.8	100.7	:
Hungary	113.6	111.3	114.7	113.6	118.7	117.6	120.5	120.6	120.4	121.6	121.0	118.8	122.3
Malta	95.6	98.1	96.0	93.2	99.7	98.4	98.7	99.0	100.7	102.5	100.8	99.9	99.0
Netherlands	96.1	95.3	96.0	96.7	98.7	99.3	94.9	93.7	89.0	92.7	89.5	88.1	89.2
Austria	108.1	108.5	106.9	110.4	110.7	111.2	110.1	109.7	109.7	110.5	112.3	109.6	:
Poland	114.7	115.2	115.3	117.8	118.2	119.4	120.1	117.7	118.8	119.3	119.1	117.7	119.6
Portugal	92.7	95.3	95.3	93.6	95.3	94.4	94.9	97.2	98.7	97.1	99.1	97.7	96.3
Romania	128.8	129.4	129.2	129.3	130.7	131.0	131.2	131.0	130.9	131.9	132.2	131.6	133.2
Slovenia	100.4	102.6	102.0	102.2	104.6	105.0	105.2	105.1	106.2	105.5	106.4	106.2	106.7
Slovakia	124.2	126.5	124.9	127.1	127.1	127.5	129.9	128.5	128.9	130.4	132.0	129.7	132.5
Finland	93.7	94.5	93.9	93.7	92.5	92.6	92.9	93.0	92.3	93.6	93.2	93.1	94.3
Sweden	92.2	93.7	93.6	94.8	92.8	94.1	94.8	97.5	96.9	97.4	94.4	98.1	99.0
United Kingdom	97.6	97.4	97.4	97.3	97.3	97.6	98.2	98.2	98.5	98.3	98.0	98.8	98.7
Norway	98.8	100.1	97.8	98.1	95.3	97.8	99.2	93.6	95.8	99.2	98.3	99.9	101.5

: Data not available

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

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

	09/12	09/13	09/14	10/14	11/14	12/14	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15
EA19	104.4	104.5	104.9	106.3	105.9	97.9	97.7	101.6	110.9	101.3	102.4	105.3	105.0	85.9	106.7
EU28	103.9	104.4	105.1	106.8	106.6	98.8	98.4	101.5	111.4	102.0	103.1	105.9	103.8	89.0	107.0
Belgium	107.2	107.8	110.4	109.0	105.4	101.9	101.5	99.0	113.6	103.3	102.8	106.9	95.2	94.6	:
Bulgaria	104.8	107.1	107.6	113.3	115.6	113.5	106.2	104.2	109.6	107.1	105.0	111.4	113.6	106.8	108.2
Czech Republic	106.7	108.7	115.4	118.4	120.5	108.5	107.8	110.7	122.0	115.9	115.8	120.5	110.3	102.9	119.0
Denmark	107.4	104.7	108.8	113.4	112.0	100.3	102.3	98.7	110.3	102.2	102.3	111.6	89.9	105.3	110.3
Germany	110.8	111.8	112.4	112.9	115.1	104.0	101.7	105.5	116.7	107.7	107.4	110.4	111.0	101.1	112.6
Estonia	129.5	131.6	136.7	140.6	138.2	124.5	121.3	120.4	134.4	127.7	132.1	127.0	113.4	125.8	131.1
Ireland	92.3	99.1	119.4	122.2	123.2	104.6	111.7	146.6	154.5	140.1	128.0	135.5	137.6	129.6	136.8
Greece	96.9	93.7	89.7	86.7	85.7	83.8	79.0	87.1	89.9	87.4	85.6	89.3	96.1	87.1	92.2
Spain	92.3	93.2	94.4	95.3	93.5	84.4	89.2	92.2	99.7	91.9	98.3	99.4	102.3	73.2	98.6
France	101.8	101.2	101.1	102.4	99.1	100.7	101.8	101.3	109.8	100.0	94.0	104.3	96.6	73.9	102.4
Croatia	93.7	90.0	93.4	96.7	98.9	95.8	81.5	88.3	100.4	93.7	100.1	93.6	100.3	86.2	98.5
Italy	101.6	98.4	96.2	98.2	94.8	80.5	85.2	92.6	100.4	90.2	100.8	96.9	106.3	58.9	97.8
Cyprus	89.0	77.4	76.5	72.9	67.4	69.9	62.7	64.8	69.5	71.3	79.2	79.0	89.2	67.4	:
Latvia	117.8	118.7	119.6	128.9	116.6	114.1	98.3	97.3	118.1	122.3	114.8	118.4	121.0	124.3	122.0
Lithuania	115.5	116.4	116.3	123.6	123.0	117.8	109.2	112.9	118.0	114.2	120.5	122.2	121.4	117.4	115.6
Luxembourg	100.4	96.6	100.6	104.1	100.1	101.6	93.8	98.1	109.1	100.7	98.6	98.0	96.6	87.9	:
Hungary	112.2	114.7	120.9	118.2	126.2	107.3	114.5	112.0	127.7	118.3	121.4	125.4	119.0	106.6	130.4
Malta	104.8	104.9	98.7	102.4	94.4	80.6	96.4	93.5	107.2	100.1	101.9	109.5	108.2	92.7	102.1
Netherlands	91.8	92.7	91.4	98.0	105.2	108.1	109.7	107.5	106.4	90.3	85.2	88.7	79.0	74.0	86.3
Austria	113.9	115.7	115.5	113.7	113.6	110.2	97.9	104.0	117.2	108.9	108.0	113.7	113.5	98.0	:
Poland	114.2	118.3	120.9	124.5	120.0	113.3	112.3	113.0	127.3	116.2	116.6	119.8	116.9	111.6	125.9
Portugal	95.8	97.7	95.6	96.9	97.7	86.6	96.0	94.8	99.0	95.2	102.7	100.6	103.8	82.1	99.4
Romania	118.0	127.1	132.0	137.8	136.5	120.7	126.3	127.3	139.9	128.8	135.4	133.5	133.7	113.9	137.1
Slovenia	106.4	104.8	105.7	109.2	107.1	94.2	98.1	101.2	113.9	103.9	108.9	111.1	107.3	90.9	112.3
Slovakia	118.7	127.0	127.2	139.6	130.7	112.7	123.0	126.7	140.7	129.1	130.3	137.3	127.8	111.1	136.4
Finland	103.7	101.7	100.6	108.8	105.1	103.9	74.7	78.5	96.3	86.0	96.0	91.6	84.0	94.6	102.1
Sweden	103.3	100.1	96.1	100.1	98.7	97.3	88.8	91.3	102.5	99.5	98.5	102.1	76.6	88.7	102.9
United Kingdom	94.9	97.2	98.2	99.7	101.3	95.6	95.6	95.6	106.6	96.4	98.6	99.3	96.4	92.5	99.2
Norway	88.8	87.5	94.3	105.9	102.7	100.5	102.1	96.3	104.1	90.6	95.4	94.7	87.6	96.8	96.2

: Data not available

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