

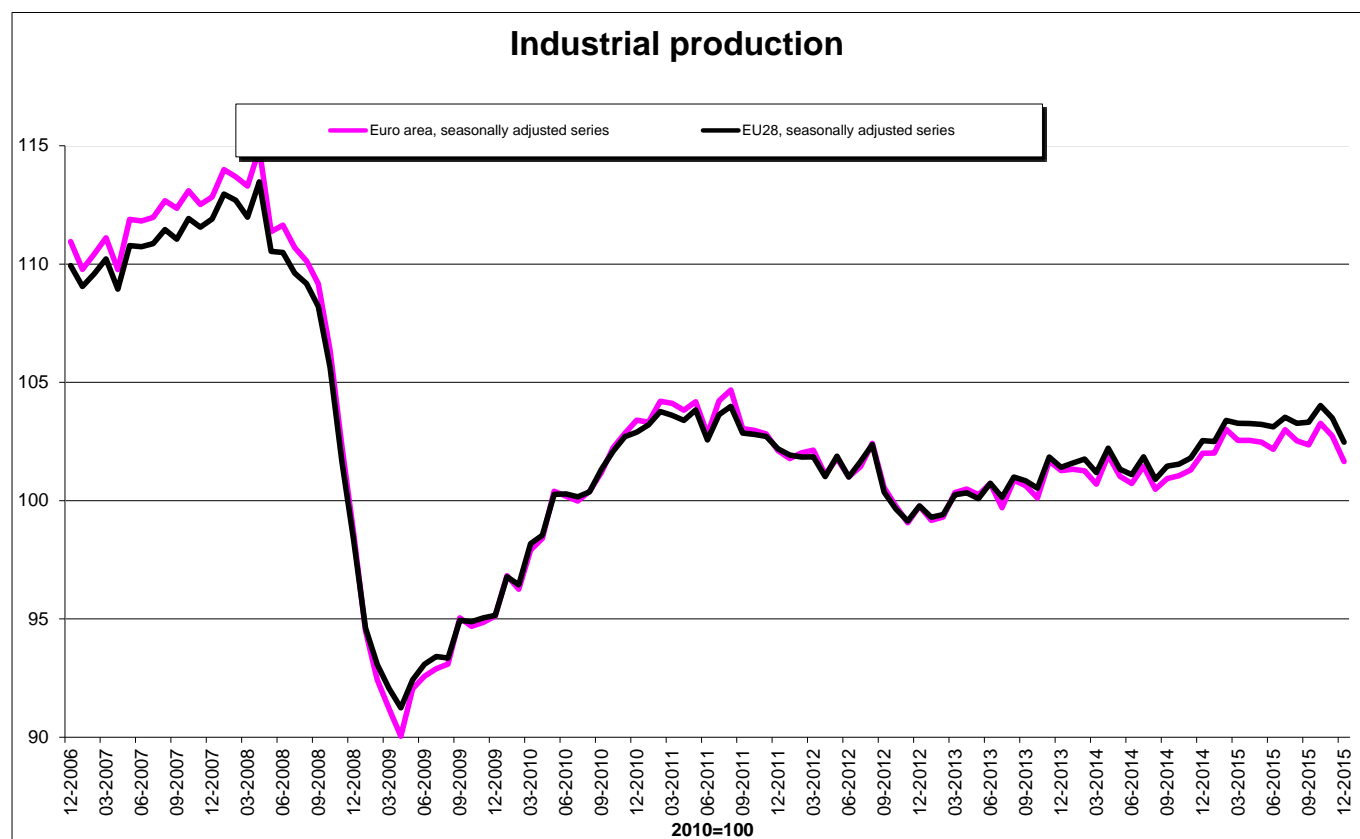
31/2016 - 12 February 2016

December 2015 compared with November 2015 Industrial production down by 1.0% in both euro area and EU28

In December 2015 compared with November 2015, seasonally adjusted industrial production fell by 1.0% in both the **euro area** (EA19) and the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2015 industrial production fell by 0.5% in both zones.

In December 2015 compared with December 2014, industrial production decreased by 1.3% in the **euro area** and by 0.8% in the **EU28**.

The average industrial production for the year 2015, compared with 2014, rose by 1.4% in the **euro area** and by 1.7% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

The decrease of 1.0% in industrial production in the **euro area** in December 2015, compared with November 2015, is due to production of energy falling by 2.4%, capital goods by 1.9% and both intermediate goods and non-durable consumer goods by 0.3%, while production of durable consumer goods rose by 1.4%.

In the **EU28**, the decrease of 1.0% is due to production of energy falling by 2.8%, capital goods by 1.6% and intermediate goods by 0.4%, while production of non-durable consumer goods rose by 0.1% and durable consumer goods by 1.5%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-4.3%), **Lithuania** and **Sweden** (both -3.3%), and the highest increases in **Denmark** (+2.9%), the **Netherlands** (+1.5%) and **Greece** (+1.4%).

Annual comparison by main industrial grouping and by Member State

The decrease of 1.3% in industrial production in the **euro area** in December 2015, compared with December 2014, is due to production of energy falling by 7.3% and capital goods by 2.6%, while production of intermediate goods rose by 0.4%, durable consumer goods by 0.8% and non-durable consumer goods by 1.4%.

In the **EU28**, the decrease of 0.8% is due to production of energy falling by 5.7% and capital goods by 1.4%, while production of intermediate goods rose by 0.1%, non-durable consumer goods by 1.4% and durable consumer goods by 1.5%.

Among Member States for which data are available, the largest decreases in industrial production were registered in the **Netherlands** (-9.4%), **Estonia** (-8.8%) and **Germany** (-2.3%), and the highest increases in **Ireland** (+18.5%), **Hungary** (+6.9%) and **Malta** (+5.7%).

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 6/2016 of 13 January 2016, the monthly percentage changes for November 2015 have been revised from -0.7% to -0.5% in the euro area and from -0.6% to -0.5% in the EU28. The annual percentage changes have been revised from +1.1% to +1.4% in the euro area and from +1.4% to +1.6% 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*

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
EA19						
Total industry	0.8	-0.5	-0.2	0.9	-0.5	-1.0
Intermediate goods	-0.3	0.4	0.0	0.1	0.7	-0.3
Energy	1.9	-3.6	1.7	1.8	-4.3	-2.4
Capital goods	1.7	-0.9	-0.3	1.4	-1.5	-1.9
Durable consumer goods	0.8	1.8	-2.8	1.7	-1.0	1.4
Non-durable consumer goods	1.4	0.1	-1.2	0.5	0.3	-0.3
EU28						
Total industry	0.4	-0.3	0.0	0.7	-0.5	-1.0
Intermediate goods	-0.5	0.1	0.2	0.2	0.5	-0.4
Energy	1.2	-1.7	0.3	1.6	-3.7	-2.8
Capital goods	0.7	-0.3	0.2	0.8	-1.0	-1.6
Durable consumer goods	0.0	0.9	-1.7	1.0	-0.3	1.5
Non-durable consumer goods	1.3	0.1	-0.7	0.2	0.0	0.1

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

Total industry	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
EA19	0.8	-0.5	-0.2	0.9	-0.5	-1.0
EU28	0.4	-0.3	0.0	0.7	-0.5	-1.0
Belgium	2.0	0.0	0.0	0.9	1.3	:
Bulgaria	-0.8	-0.2	-0.8	0.3	1.2	0.5
Czech Republic	1.2	-4.0	2.4	1.3	-1.3	-2.6
Denmark	-5.1	3.4	-1.8	-2.8	-1.6	2.9
Germany	1.1	-0.8	-1.0	0.6	-0.4	-1.3
Estonia	-0.3	0.3	0.2	0.6	-2.7	-2.9
Ireland	8.9	0.1	-1.7	3.6	-0.8	-4.3
Greece	4.0	3.5	-1.6	-1.2	3.5	1.4
Spain	0.6	-1.3	1.4	0.3	0.1	-0.2
France	-1.1	2.0	0.1	0.6	-0.9	-1.7
Croatia	3.2	-3.7	5.5	0.9	-0.8	-1.2
Italy	1.1	-0.6	0.1	0.5	-0.5	-0.7
Cyprus	1.8	1.1	-0.8	-1.1	1.5	:
Latvia	1.3	-1.3	-0.7	-0.2	0.2	-1.2
Lithuania	0.7	-3.4	-1.5	10.7	-2.0	-3.3
Luxembourg	-2.3	4.1	-3.0	2.0	3.3	:
Hungary	-0.6	-1.8	3.0	1.6	-1.4	-0.7
Malta	-1.5	-1.0	-0.1	1.8	-3.2	0.5
Netherlands	-3.2	-3.3	3.5	4.0	-2.8	1.5
Austria	1.4	-1.5	-0.4	2.2	-1.0	:
Poland	-0.2	-1.2	1.7	0.8	0.8	0.7
Portugal	2.1	-2.0	-1.0	4.0	-4.6	0.2
Romania	0.2	-0.5	1.1	-0.3	-0.1	-0.3
Slovenia	0.9	-0.4	0.4	-0.3	0.3	-1.3
Slovakia	1.3	-1.5	2.1	-0.6	1.9	:
Finland	-0.9	-0.1	1.3	-1.0	-0.5	:
Sweden	-2.8	3.7	0.5	-0.6	0.2	-3.3
United Kingdom	-0.4	0.8	0.0	0.1	-0.8	-1.1
Norway	-0.6	0.8	1.2	-3.4	-0.7	-0.9

* Calendar and seasonally adjusted

: Data not available

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

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

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
EA19						
Total industry	1.8	2.3	1.4	2.1	1.4	-1.3
Intermediate goods	0.1	1.2	1.4	1.5	2.2	0.4
Energy	3.8	-2.3	-1.4	1.1	-2.7	-7.3
Capital goods	1.9	4.1	2.0	3.6	1.7	-2.6
Durable consumer goods	1.4	6.5	2.1	4.0	1.8	0.8
Non-durable consumer goods	3.3	3.0	1.9	0.8	1.5	1.4
EU28						
Total industry	1.9	2.5	1.8	2.5	1.6	-0.8
Intermediate goods	0.5	1.1	1.2	1.7	2.0	0.1
Energy	4.2	0.9	0.1	2.0	-1.0	-5.7
Capital goods	1.4	3.9	2.7	3.9	2.4	-1.4
Durable consumer goods	1.9	4.5	1.9	3.1	1.6	1.5
Non-durable consumer goods	2.8	2.4	1.7	0.9	1.0	1.4

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

Total industry	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
EA19	1.8	2.3	1.4	2.1	1.4	-1.3
EU28	1.9	2.5	1.8	2.5	1.6	-0.8
Belgium	0.6	1.6	-1.2	1.2	1.4	:
Bulgaria	3.4	4.3	0.8	1.2	2.3	1.6
Czech Republic	7.4	7.0	3.5	6.4	3.2	-1.7
Denmark	1.4	2.7	2.0	-1.6	-3.3	-1.2
Germany	1.1	3.3	0.5	0.4	0.2	-2.3
Estonia	-5.8	-2.9	-3.9	-2.5	-6.2	-8.8
Ireland	23.9	18.3	18.6	13.8	12.7	18.5
Greece	-1.6	4.3	2.9	-1.9	2.0	5.4
Spain	5.6	2.3	4.2	4.9	4.8	3.9
France	-1.4	1.9	1.1	3.6	3.1	-0.8
Croatia	3.9	2.7	5.5	6.4	2.7	0.9
Italy	2.8	1.0	1.8	3.0	1.1	-1.0
Cyprus	3.7	3.4	5.1	2.6	6.4	:
Latvia	5.4	4.0	2.0	1.9	4.5	2.6
Lithuania	6.6	5.5	-0.1	6.7	5.7	3.5
Luxembourg	-4.0	3.8	-2.5	1.7	4.9	:
Hungary	3.6	6.2	7.9	12.7	7.1	6.9
Malta	9.1	8.4	4.7	6.3	1.8	5.7
Netherlands	-6.3	-10.0	-5.8	-2.4	-7.5	-9.4
Austria	4.1	3.0	1.3	4.1	3.8	:
Poland	3.9	3.1	4.1	4.8	5.5	4.4
Portugal	3.2	0.1	3.7	4.7	0.0	1.5
Romania	3.7	3.1	3.9	2.5	2.5	1.6
Slovenia	3.1	5.1	6.0	3.3	4.1	1.8
Slovakia	11.9	0.5	7.2	4.2	11.9	:
Finland	-1.3	-1.4	1.4	-1.1	-1.7	:
Sweden	0.4	5.5	7.0	4.9	5.8	-0.3
United Kingdom	0.7	1.8	1.1	2.3	0.6	-0.4
Norway	2.9	3.1	2.0	-3.0	-1.7	-2.1

* Calendar adjusted

: Data not available

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

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

	12/14	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15	10/15	11/15	12/15
EA19	102.0	102.0	103.0	102.5	102.5	102.5	102.2	103.0	102.5	102.4	103.3	102.7	101.7
EU28	102.5	102.5	103.4	103.3	103.3	103.2	103.1	103.5	103.3	103.3	104.0	103.5	102.5
Belgium	102.7	104.3	101.0	104.2	103.3	103.6	101.4	103.4	103.4	103.4	104.3	105.7	:
Bulgaria	109.6	111.4	110.6	109.1	109.5	110.2	110.9	110.0	109.8	109.0	109.3	110.6	111.2
Czech Republic	114.4	114.1	115.1	114.8	115.5	115.1	116.1	117.5	112.9	115.6	117.1	115.6	112.6
Denmark	104.4	102.6	102.6	106.9	105.9	103.3	108.8	103.3	106.8	104.9	102.0	100.4	103.3
Germany	109.4	109.0	109.1	108.6	109.2	109.7	108.9	110.1	109.2	108.1	108.7	108.3	106.9
Estonia	131.4	127.6	128.8	127.7	129.0	127.5	125.9	125.5	125.9	126.2	126.9	123.5	119.9
Ireland	113.7	118.6	149.6	135.3	138.9	131.5	127.4	138.8	138.9	136.5	141.4	140.2	134.2
Greece	86.8	87.0	89.6	90.0	88.3	83.4	83.2	86.5	89.6	88.1	87.1	90.1	91.4
Spain	91.7	91.8	92.5	93.6	93.4	93.8	94.5	95.1	93.8	95.2	95.5	95.6	95.4
France	98.9	99.0	99.4	99.4	98.5	98.8	99.0	98.0	99.9	100.0	100.6	99.7	98.1
Croatia	95.3	91.4	94.5	96.8	93.0	95.4	92.8	95.8	92.3	97.4	98.3	97.5	96.3
Italy	91.8	90.9	91.6	92.0	91.7	92.4	91.5	92.5	91.9	92.0	92.5	92.0	91.4
Cyprus	70.9	71.1	72.4	72.6	74.1	74.6	72.9	74.2	75.0	74.4	73.6	74.7	:
Latvia	112.5	109.3	110.2	121.9	122.1	119.5	118.0	119.5	117.9	117.1	116.8	117.0	115.6
Lithuania	116.1	111.8	118.8	114.3	118.2	120.5	121.1	121.9	117.7	115.9	128.3	125.7	121.6
Luxembourg	103.0	98.1	100.6	100.7	99.0	97.4	98.8	96.5	100.4	97.4	99.4	102.7	:
Hungary	113.9	118.8	117.7	120.6	120.7	120.5	121.8	121.1	118.9	122.5	124.5	122.7	121.9
Malta	93.3	99.5	98.7	98.8	98.9	100.8	102.5	100.9	99.9	99.8	101.6	98.4	98.9
Netherlands	96.7	98.7	99.3	94.9	93.7	89.0	92.7	89.7	86.7	89.7	93.3	90.7	92.1
Austria	110.1	110.5	111.0	109.8	109.6	109.6	110.4	112.0	110.3	109.9	112.3	111.2	:
Poland	117.8	118.2	119.4	120.1	117.7	118.8	119.3	119.1	117.7	119.7	120.7	121.7	122.6
Portugal	93.8	95.3	94.4	94.9	97.2	98.7	97.1	99.1	97.1	96.1	99.9	95.3	95.5
Romania	129.3	130.7	131.0	131.2	131.0	130.9	131.9	132.2	131.6	133.1	132.7	132.6	132.2
Slovenia	102.2	104.7	105.0	105.2	105.1	106.1	105.3	106.3	105.9	106.3	106.0	106.3	104.9
Slovakia	127.1	127.2	127.7	130.3	129.0	129.5	131.1	132.8	130.8	133.6	132.8	135.3	:
Finland	93.7	92.5	92.6	92.9	93.0	92.4	93.7	92.9	92.8	94.0	93.1	92.6	:
Sweden	95.4	93.0	94.2	94.8	97.6	97.6	97.3	94.6	98.1	98.6	98.0	98.2	95.0
United Kingdom	97.3	97.3	97.6	98.2	98.3	98.5	98.3	97.9	98.8	98.7	98.8	98.1	96.9
Norway	98.3	95.3	97.8	99.1	93.4	96.0	99.3	98.7	99.5	100.7	97.3	96.6	95.7

: Data not available
The source dataset is available [here](#).

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

	12/12	12/13	12/14	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15	10/15	11/15	12/15
EA19	95.6	97.1	97.9	97.7	101.6	110.9	101.4	102.4	105.3	105.1	86.0	106.4	108.5	107.4	96.6
EU28	96.1	97.7	98.8	98.5	101.5	111.4	102.0	103.2	105.9	103.9	89.1	107.1	109.5	108.3	98.1
Belgium	103.6	105.3	101.9	101.5	99.0	113.6	103.3	102.9	106.9	95.3	93.8	109.1	110.3	106.9	:
Bulgaria	114.2	112.0	113.5	106.2	104.2	109.6	107.1	105.0	111.4	113.6	106.8	108.5	114.6	118.2	115.3
Czech Republic	97.3	103.3	108.5	107.8	110.7	122.0	115.9	115.8	120.5	110.4	103.6	119.4	126.0	124.3	106.6
Denmark	96.6	97.8	100.3	102.3	98.7	110.3	102.2	102.3	111.6	89.9	106.1	111.0	111.6	108.3	99.1
Germany	99.5	102.9	104.0	101.7	105.5	116.7	107.7	107.4	110.4	111.1	101.4	113.0	113.3	115.3	101.6
Estonia	121.3	113.4	124.5	121.2	120.5	134.4	127.8	132.7	126.6	114.7	125.1	131.4	137.2	129.6	113.5
Ireland	89.5	90.9	104.6	111.7	146.6	154.5	140.1	128.0	137.5	139.5	131.1	141.6	139.1	138.9	123.9
Greece	87.5	86.4	83.8	79.0	87.1	89.9	87.4	85.6	89.3	96.1	87.1	92.3	85.1	87.5	88.3
Spain	82.4	84.2	84.4	89.2	92.2	99.7	91.9	98.3	99.4	102.3	73.2	98.4	100.0	98.0	87.6
France	99.6	99.6	100.7	101.8	101.3	109.8	100.0	93.9	104.2	96.5	73.9	102.3	106.1	102.1	99.9
Croatia	93.6	91.0	95.8	81.5	88.3	100.4	93.7	100.1	93.6	100.3	86.2	98.5	103.0	101.6	96.7
Italy	81.4	80.3	80.5	85.2	92.6	100.4	90.3	100.8	96.9	106.3	58.9	97.9	101.1	95.8	79.7
Cyprus	77.5	70.6	70.0	62.8	65.1	69.8	71.4	79.4	79.3	89.0	67.8	80.4	74.8	71.7	:
Latvia	119.6	114.7	114.1	98.3	97.3	118.1	122.3	114.8	118.4	121.0	124.3	122.0	131.3	121.8	117.1
Lithuania	120.4	114.7	118.2	108.7	113.0	118.0	114.3	120.6	122.1	121.4	117.4	116.4	131.7	130.0	122.3
Luxembourg	88.7	96.8	101.6	93.9	98.3	109.3	100.8	98.4	99.5	95.9	87.1	98.0	105.9	105.1	:
Hungary	97.9	102.0	107.3	114.5	112.0	127.7	118.3	121.3	125.5	119.1	106.5	130.5	133.2	135.0	114.7
Malta	92.4	84.7	80.6	96.5	93.6	107.3	100.0	101.9	109.5	108.5	92.6	103.4	106.4	96.1	85.1
Netherlands	108.6	109.9	108.1	109.7	107.5	106.4	90.3	85.2	88.7	79.0	73.1	86.1	95.6	97.3	97.9
Austria	106.6	107.6	110.2	97.9	104.0	117.2	108.9	108.0	113.7	113.5	99.0	117.0	118.5	117.9	:
Poland	102.4	106.7	113.3	112.3	113.0	127.3	116.2	116.6	119.8	116.9	111.6	125.9	130.5	126.6	118.3
Portugal	83.3	87.3	86.6	96.0	94.8	99.0	95.2	102.7	100.6	103.8	81.6	99.1	101.5	97.7	87.9
Romania	108.7	117.0	120.7	126.3	127.3	139.9	128.8	135.4	133.5	133.7	113.9	137.1	141.2	139.9	122.6
Slovenia	89.8	93.8	94.2	98.2	101.2	113.9	104.0	108.9	111.0	107.3	90.8	112.0	112.8	111.5	95.9
Slovakia	96.7	109.6	112.7	123.0	126.7	140.6	129.2	130.4	137.3	127.8	112.1	136.4	145.5	146.2	:
Finland	109.4	105.6	103.9	74.7	78.4	96.3	86.1	96.3	92.1	83.7	94.5	102.0	107.6	103.3	:
Sweden	101.2	98.6	97.2	88.8	91.3	102.5	99.5	98.5	102.2	77.0	88.9	102.8	105.0	104.3	96.9
United Kingdom	94.1	95.4	95.5	95.7	95.8	106.8	96.8	98.8	99.5	96.5	92.5	99.5	102.1	101.9	95.1
Norway	99.3	97.1	100.5	102.1	96.3	104.0	90.7	95.4	94.7	87.6	96.8	96.2	102.7	101.0	98.4

: Data not available
The source dataset is available [here](#).