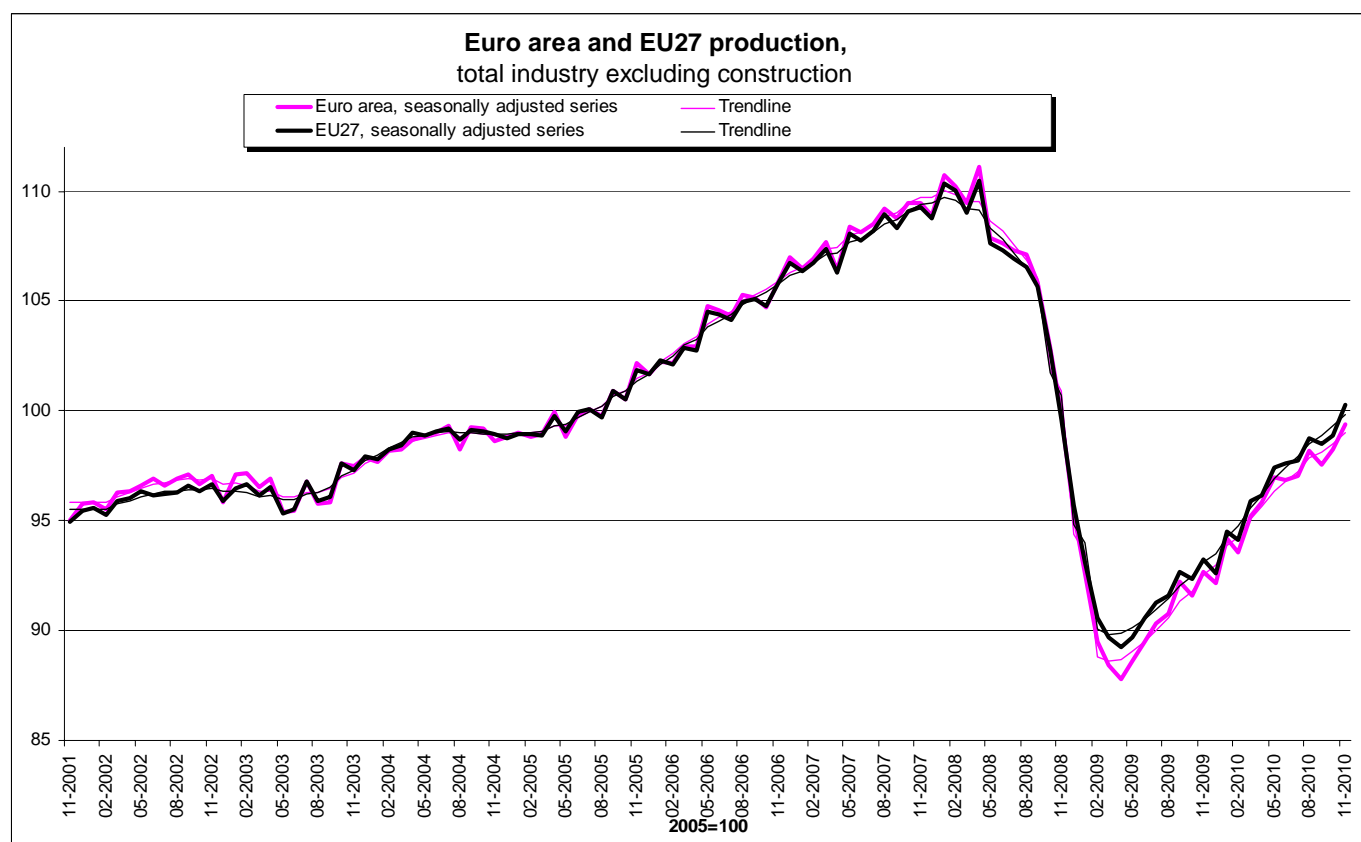


November 2010 compared with October 2010
Industrial production up by 1.2% in euro area
 Up by 1.4% in EU27

In November 2010 compared with October 2010, seasonally adjusted industrial production¹ rose by 1.2% in the **euro area**² (EA16) and by 1.4% in the **EU27**². In October³ production grew by 0.7% and 0.4% respectively.

In November 2010 compared with November 2009, industrial production increased by 7.4% in the **euro area** and by 7.8% in the **EU27**.

These estimates are released by **Eurostat, the statistical office of the European Union**.



Monthly comparison

In November 2010 compared with October 2010, production of intermediate goods grew by 1.6% in the **euro area** and by 1.5% in the **EU27**. Production of energy gained 1.5% and 2.1% respectively. Capital goods rose by 1.4% in the **euro area** and by 2.1% in the **EU27**. Durable consumer goods increased by 0.1% in the **euro area**, but fell by 1.2% in the **EU27**. Non-durable consumer goods remained stable in both zones.

Among the Member States for which data are available, industrial production rose in ten and fell in eight. The highest increases were registered in **Sweden** (+2.6%), **France** (+2.3%) and the **Czech Republic** (+2.0%), and the largest decreases in **Malta** (-3.2%), **Lithuania** (-2.0%) and **Greece** (-1.5%).

Annual comparison

In November 2010 compared with November 2009, production of capital goods grew by 12.0% in the **euro area** and by 12.4% in the **EU27**. Intermediate goods increased by 7.9% and 8.6% respectively. Production of energy rose by 4.9% in the **euro area** and by 4.5% in the **EU27**. Non-durable consumer goods gained 2.7% and 3.0% respectively. Durable consumer goods fell by 0.1% in the **euro area**, but grew by 0.8% in the **EU27**.

Industrial production rose in all the Member States for which data are available, except **Greece** (-8.0%) and **Malta** (-2.7%). The highest increases were registered in **Estonia** (+35.0%), **Lithuania** (+17.2%) and **Ireland** (+14.2%), and the smallest in **Portugal** (+0.7%) and **Spain** (+2.3%).

1. Total industry excluding construction. According to the Council Regulation 1165/98 Eurostat publishes national seasonally adjusted data if available. For the other Member States (Greece, Spain, Cyprus, Malta and Luxembourg) Eurostat performs the adjustment. This means that different methodologies are used to make the seasonal adjustment of the national series. The seasonally adjusted euro area and EU series are calculated by aggregating the working day adjusted series from individual Member States and performing an adjustment for seasonal effects on these series. Therefore the seasonally adjusted figures for total industry (excluding construction) is based directly on the working day adjusted series coming from the Member States and **not on an aggregation of the seasonally adjusted indices from the Member States**. The euro area and EU seasonally adjusted growth rates might differ from the weighted growth rates of the individual Member States (see Methodology of the industrial production index). This procedure also implies that the aggregation of the overall figures is not based on the published details (intermediate, capital, durable, non-durable goods, energy). Missing observations from Member States are estimated for the calculation of the euro area and the EU aggregates.
2. The euro area (EA16) consisted of 16 Member States up to 31 December 2010: Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland. From 1 January 2011 the euro area (EA17) also includes Estonia. The EU27 includes Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), the Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE) and the United Kingdom (UK). As part of Eurostat's guidelines for the dissemination of data when the EU or euro area is enlarged, the aggregate data series commented on refer to the official composition of the euro area in the most recent month for which data are available. Thus News Releases with data for months up to December 2010 comment on EA16 series, while Releases with data for January 2011 onwards will comment on EA17 series.
3. Data of previous months have been revised compared to those issued in the News Release 192/2010 of 14 December 2010. The monthly growth rate for October 2010 remains unchanged at +0.7% for the euro area and has been revised from +0.3% to +0.4% for the EU27. The annual growth rates have been revised from +6.9% to +7.1% for the euro area and from +6.7% to +6.9% for the EU27.

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Industrial production - monthly variation

% change compared with previous month*

	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10
EA16						
Total industry	-0.1	0.2	1.2	-0.7	0.7	1.2
Intermediate goods	-0.4	0.0	1.6	-0.9	0.3	1.6
Energy	-1.7	0.2	-0.2	-1.1	1.0	1.5
Capital goods	0.4	0.4	3.3	-1.0	1.7	1.4
Durable consumer goods	-0.7	-0.6	1.5	-2.2	0.0	0.1
Non-durable consumer goods	0.3	0.2	-0.1	-0.5	0.4	0.0
EU27						
Total industry	0.2	0.2	1.0	-0.2	0.4	1.4
Intermediate goods	-0.1	0.2	1.2	-0.4	0.3	1.5
Energy	-1.6	0.0	0.0	-0.8	0.2	2.1
Capital goods	0.6	0.2	3.0	-0.2	1.0	2.1
Durable consumer goods	-0.4	-0.9	1.3	-1.9	0.1	-1.2
Non-durable consumer goods	0.5	0.1	0.0	-0.3	0.3	0.0

Total industry	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10
EA16	-0.1	0.2	1.2	-0.7	0.7	1.2
EU27	0.2	0.2	1.0	-0.2	0.4	1.4
EA17²	-0.1	0.2	1.2	-0.6	0.7	1.2
Belgium	1.7	-1.6	1.3	1.2	-1.9	:
Bulgaria	1.9	-0.4	1.9	1.2	-0.6	1.2
Czech Republic	0.9	0.9	1.7	0.8	-0.1	2.0
Denmark	1.8	1.1	-6.5	5.5	-2.8	:
Germany	-0.6	0.5	1.5	-0.9	3.1	-0.7
Estonia	4.4	6.0	-0.8	3.4	4.9	1.2
Ireland	3.7	3.8	-12.7	7.8	-4.9	-1.1
Greece	-1.0	-2.1	6.0	-7.6	3.8	-1.5
Spain	-0.3	-0.6	0.7	-1.6	0.2	1.2
France	-1.5	0.8	0.3	-0.2	-0.8	2.3
Italy	0.3	0.3	1.6	-2.1	-0.1	1.1
Cyprus	0.0	-0.9	4.4	-1.3	-2.7	:
Latvia	0.7	3.2	3.0	-2.0	1.6	-0.3
Lithuania	3.2	-1.1	5.3	-3.0	9.9	-2.0
Luxembourg	-3.6	-0.4	2.2	-5.1	3.4	:
Hungary	0.6	-1.0	2.3	0.5	-1.0	:
Malta	-2.5	2.2	-3.2	-2.4	4.8	-3.2
Netherlands	-3.3	-0.1	0.4	-2.4	4.0	c
Austria	-0.7	0.7	1.8	-1.0	-0.3	:
Poland	0.9	0.1	1.6	0.1	-0.7	0.6
Portugal	-0.7	-1.2	3.7	-4.2	-1.9	0.7
Romania	1.8	-1.0	0.0	1.1	0.6	1.6
Slovenia	-0.3	0.4	2.3	-1.9	0.9	-0.7
Slovakia	0.8	-3.1	2.2	0.3	1.1	:
Finland	2.7	-3.5	2.7	0.6	1.9	-1.2
Sweden	1.1	2.6	-3.9	0.5	-0.2	2.6
United Kingdom	-0.4	0.1	0.4	0.3	0.0	:
Norway	-1.9	-2.9	-5.4	3.2	8.3	-2.8

* Seasonally adjusted

: Data not available

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

	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10
EA16						
Total industry	8.2	7.4	8.5	5.6	7.1	7.4
Intermediate goods	11.8	9.7	11.5	7.6	7.8	7.9
Energy	3.4	2.2	1.1	1.2	1.2	4.9
Capital goods	8.9	9.5	12.4	8.3	12.2	12.0
Durable consumer goods	7.7	5.0	6.7	1.0	2.0	-0.1
Non-durable consumer goods	3.8	3.7	4.2	1.8	3.4	2.7
EU27						
Total industry	7.9	7.1	8.0	6.2	6.9	7.8
Intermediate goods	11.3	9.9	10.7	8.0	8.4	8.6
Energy	1.6	0.6	0.6	0.8	0.2	4.5
Capital goods	9.2	9.8	11.7	9.6	11.5	12.4
Durable consumer goods	9.6	6.8	7.6	3.4	3.0	0.8
Non-durable consumer goods	4.1	3.8	4.4	2.5	3.8	3.0

Total industry	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10
EA16	8.2	7.4	8.5	5.6	7.1	7.4
EU27	7.9	7.1	8.0	6.2	6.9	7.8
EA17²	8.3	7.4	8.5	5.6	7.1	7.4
Belgium	10.4	5.8	9.6	10.3	7.1	:
Bulgaria	4.2	2.3	4.0	8.8	4.0	5.6
Czech Republic	9.0	11.4	11.3	12.5	9.6	13.0
Denmark	6.7	2.8	0.0	9.9	6.3	:
Germany	11.2	11.8	12.0	8.4	12.7	11.4
Estonia	21.1	24.8	22.1	31.0	37.5	35.0
Ireland	8.4	12.8	10.9	10.7	7.7	14.2
Greece	-5.2	-8.0	-1.1	-10.3	-4.6	-8.0
Spain	3.1	-0.1	1.6	-1.7	-1.9	2.3
France	5.1	6.2	3.6	4.1	5.2	5.9
Italy	8.2	5.6	9.7	4.4	2.9	4.1
Cyprus	-1.3	-4.9	4.2	1.5	-1.9	:
Latvia	12.9	18.6	20.6	19.2	21.6	11.4
Lithuania	5.0	4.3	11.0	8.3	17.4	17.2
Luxembourg	8.3	10.7	11.0	-3.8	3.2	:
Hungary	12.6	11.6	15.1	11.0	8.3	:
Malta	7.8	7.6	3.2	3.3	0.5	-2.7
Netherlands	6.5	5.2	4.8	2.3	5.9	c
Austria	8.5	9.0	10.4	8.9	7.4	:
Poland	12.5	11.6	13.3	12.0	10.4	6.9
Portugal	3.7	0.8	0.9	-2.0	-2.2	0.7
Romania	7.9	3.7	4.6	5.0	2.9	6.5
Slovenia	10.2	9.4	11.0	5.0	8.1	5.3
Slovakia	24.2	16.9	16.2	13.3	13.3	:
Finland	11.1	3.3	6.8	8.2	11.4	6.3
Sweden	13.1	15.3	10.0	9.1	9.0	13.2
United Kingdom	2.7	2.6	3.8	4.8	3.7	:
Norway	-4.2	-7.7	-13.0	-10.9	-2.6	-4.7

* Working day adjusted
: Data not available
c Confidential

Production indices for total industry excluding construction
seasonally adjusted
(base year 2005)

	11/09	12/09	01/10	02/10	03/10	04/10	05/10	06/10	07/10	08/10	09/10	10/10	11/10
EA16	92.7	92.2	94.2	93.6	95.2	95.8	97.0	96.9	97.0	98.2	97.5	98.3	99.4
EU27	93.2	92.6	94.5	94.1	95.9	96.2	97.4	97.6	97.8	98.7	98.5	98.9	100.3
EA17²	92.7	92.2	94.2	93.6	95.2	95.8	97.0	96.9	97.0	98.2	97.6	98.3	99.4
BE	93.6	93.8	91.9	95.2	100.3	97.9	98.8	100.5	98.9	100.3	101.4	99.5	:
BG	96.6	94.7	96.9	87.7	96.3	95.7	95.8	97.6	97.2	99.1	100.3	99.7	101.0
CZ	104.1	104.5	107.6	107.7	108.7	110.1	110.2	111.2	112.2	114.1	115.0	114.9	117.2
DK	83.7	80.6	83.4	85.2	87.0	86.4	88.4	90.0	91.0	85.1	89.8	87.3	:
DE	96.2	95.7	97.3	97.0	99.9	100.9	104.3	103.7	104.2	105.8	104.8	108.0	107.2
EE	83.9	82.9	87.2	87.1	90.0	92.7	94.1	98.2	104.1	103.3	106.8	112.0	113.3
IE	92.0	91.4	108.9	107.5	111.1	100.9	110.2	114.3	118.7	103.6	111.7	106.2	105.0
EL	88.9	87.6	87.0	84.1	86.6	83.4	84.4	83.6	81.8	86.7	80.1	83.1	81.9
ES	83.0	84.3	83.4	83.6	85.6	85.6	85.2	85.0	84.4	85.0	83.6	83.8	84.8
FR	88.8	88.5	90.6	90.9	91.8	91.4	93.3	91.9	92.6	92.9	92.7	92.0	94.1
IT	85.4	84.4	86.1	86.3	86.4	87.2	88.0	88.3	88.6	90.0	88.1	88.0	89.0
CY	101.4	98.2	97.8	96.3	99.1	95.2	98.3	98.3	97.4	101.7	100.3	97.6	:
LV	93.0	87.8	88.4	88.3	96.5	97.1	97.6	98.3	101.4	104.4	102.4	104.0	103.7
LT	96.9	98.8	95.5	99.6	93.4	98.5	101.0	104.2	103.1	108.6	105.3	115.7	113.4
LU	85.1	87.6	87.9	89.4	90.7	91.1	91.6	88.3	87.9	89.9	85.3	88.2	:
HU	100.8	95.8	103.3	101.9	102.3	102.8	108.4	109.1	108.0	110.5	111.0	109.9	:
MT	101.3	103.2	108.1	102.1	102.8	106.6	103.2	100.6	102.8	99.6	97.2	102.0	98.6
NL	99.9	101.5	105.3	102.3	103.8	104.0	106.5	103.0	102.9	103.3	100.8	104.8	c
AT	103.7	104.4	104.6	105.6	104.3	106.2	110.4	109.6	110.4	112.4	111.3	111.0	:
PL	127.6	123.5	126.9	128.8	131.4	129.0	133.4	134.6	134.7	136.8	137.0	136.1	136.9
PT	89.3	90.5	88.8	90.1	96.6	92.1	93.4	92.7	91.6	95.0	91.0	89.3	89.9
RO	122.2	119.0	117.6	115.6	120.7	121.3	121.8	124.0	122.8	122.8	124.2	125.0	127.0
SI	97.4	98.7	93.2	98.4	101.3	98.1	102.1	101.8	102.2	104.5	102.5	103.4	102.7
SK	131.0	127.9	131.7	135.4	137.6	140.7	143.8	145.0	140.5	143.6	144.1	145.7	:
FI	97.1	97.2	93.9	95.3	98.7	96.2	100.1	102.8	99.2	101.9	102.5	104.4	103.1
SE	84.7	86.4	88.8	87.5	89.8	90.9	93.5	94.5	97.0	93.2	93.7	93.5	95.9
UK	87.6	87.8	87.6	88.6	90.5	89.8	90.2	89.9	90.0	90.3	90.6	90.7	:
NO	92.3	92.4	92.6	91.6	90.5	89.8	89.3	87.6	85.1	80.5	83.1	90.0	87.5

: Data not available.

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Production indices for total industry excluding construction
working day adjusted
(base year 2005)

	11/07	11/08	11/09	12/09	01/10	02/10	03/10	04/10	05/10	06/10	07/10	08/10	09/10	10/10	11/10
EA16	114.9	104.5	97.4	88.1	90.3	91.5	102.4	94.3	97.1	100.3	98.6	80.3	102.1	105.0	104.6
EU27	114.8	104.5	98.1	89.4	90.5	91.6	103.0	94.8	97.5	100.8	97.4	83.7	102.7	105.4	105.7
EA17²	114.9	104.5	97.3	88.1	90.3	91.5	102.4	94.3	97.1	100.3	98.6	80.3	102.1	105.0	104.6
BE	111.6	97.9	94.0	90.5	85.9	91.3	107.5	96.8	96.3	108.0	91.8	92.9	109.4	107.2	:
BG	125.1	115.4	101.6	101.9	88.0	82.4	99.3	93.3	96.2	102.4	101.5	98.4	103.6	104.3	107.3
CZ	132.6	117.5	114.5	103.9	103.2	102.0	115.9	111.5	113.1	117.0	106.8	106.8	123.8	126.4	129.4
DK	111.0	104.3	90.8	79.1	84.4	82.4	91.2	82.6	87.1	93.6	76.4	82.3	94.6	94.0	:
DE	121.0	111.8	102.7	91.5	92.2	93.7	106.4	99.9	102.3	105.4	103.6	97.3	110.4	113.4	114.4
EE	122.1	102.9	88.3	83.8	83.3	82.6	94.7	93.2	99.6	102.6	94.6	105.0	112.1	121.0	119.2
IE	110.9	110.5	92.3	88.5	109.1	109.2	121.6	104.4	114.5	117.4	106.5	98.9	107.5	106.5	105.4
EL	101.8	92.5	87.9	84.2	78.0	81.1	85.6	81.3	85.9	90.5	91.5	83.4	84.7	83.2	80.9
ES	111.2	93.1	87.9	78.0	81.6	81.3	91.4	86.1	85.2	89.6	91.6	63.1	85.5	87.2	89.9
FR	106.8	96.2	92.6	89.0	92.0	89.4	99.4	90.1	87.9	96.7	92.2	68.2	97.3	100.5	98.1
IT	110.1	99.4	90.6	73.5	81.2	87.4	94.0	85.8	94.7	92.5	99.3	50.9	94.6	97.4	94.3
CY	105.1	105.5	98.4	97.6	88.0	88.7	102.6	103.5	104.5	109.8	110.2	79.0	102.2	96.5	:
LV	112.6	99.9	97.3	95.9	87.2	84.5	98.7	98.4	103.2	98.0	97.4	104.3	104.3	112.5	108.4
LT	109.9	107.0	98.4	103.2	94.7	95.2	96.9	96.3	99.2	105.2	104.3	107.9	106.9	116.0	115.3
LU	104.4	85.9	87.0	77.6	87.6	84.6	93.7	92.7	96.2	91.3	89.9	75.8	90.0	95.0	:
HU	133.2	121.8	110.8	95.8	95.2	94.7	106.9	99.3	108.5	111.9	104.0	101.2	118.4	121.8	:
MT	114.1	106.6	100.4	99.5	97.1	93.9	107.1	103.4	105.1	107.6	109.0	94.9	106.1	104.0	97.7
NL	116.9	110.3	108.7	110.9	115.6	106.8	114.9	100.2	99.4	97.9	91.0	86.9	96.1	109.0	c
AT	121.8	116.2	111.8	105.9	91.8	98.5	113.0	103.2	107.6	111.2	110.6	99.9	119.4	119.5	:
PL	131.2	120.7	132.8	120.1	118.7	121.3	140.0	129.1	132.3	137.8	130.9	130.6	144.6	146.4	142.0
PT	106.4	99.1	93.6	86.9	93.4	88.4	98.8	90.5	95.9	92.6	97.4	75.4	93.7	94.6	94.3
RO	130.5	123.2	127.0	112.4	108.7	108.3	125.0	118.8	128.0	131.8	127.3	112.1	131.4	135.5	135.3
SI	122.1	110.4	105.9	90.3	88.9	92.9	106.2	98.3	107.2	106.9	100.1	90.1	107.9	110.2	111.5
SK	164.1	141.6	143.8	116.5	122.7	128.0	148.8	140.5	149.7	147.5	129.2	134.1	150.8	158.4	:
FI	125.7	116.7	100.3	98.3	83.2	87.5	103.0	95.0	104.8	106.1	90.6	101.6	108.5	114.5	106.6
SE	114.9	100.9	89.1	91.7	86.4	86.3	95.7	93.5	97.4	102.5	76.0	82.6	98.1	96.6	100.9
UK	107.2	97.8	92.9	86.2	84.2	85.5	97.7	87.9	88.9	91.8	87.8	84.5	93.2	95.8	:
NO	101.4	102.6	98.1	95.0	99.6	92.0	95.8	86.6	89.4	81.6	76.8	78.4	79.3	94.7	93.5

: Data not available
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