

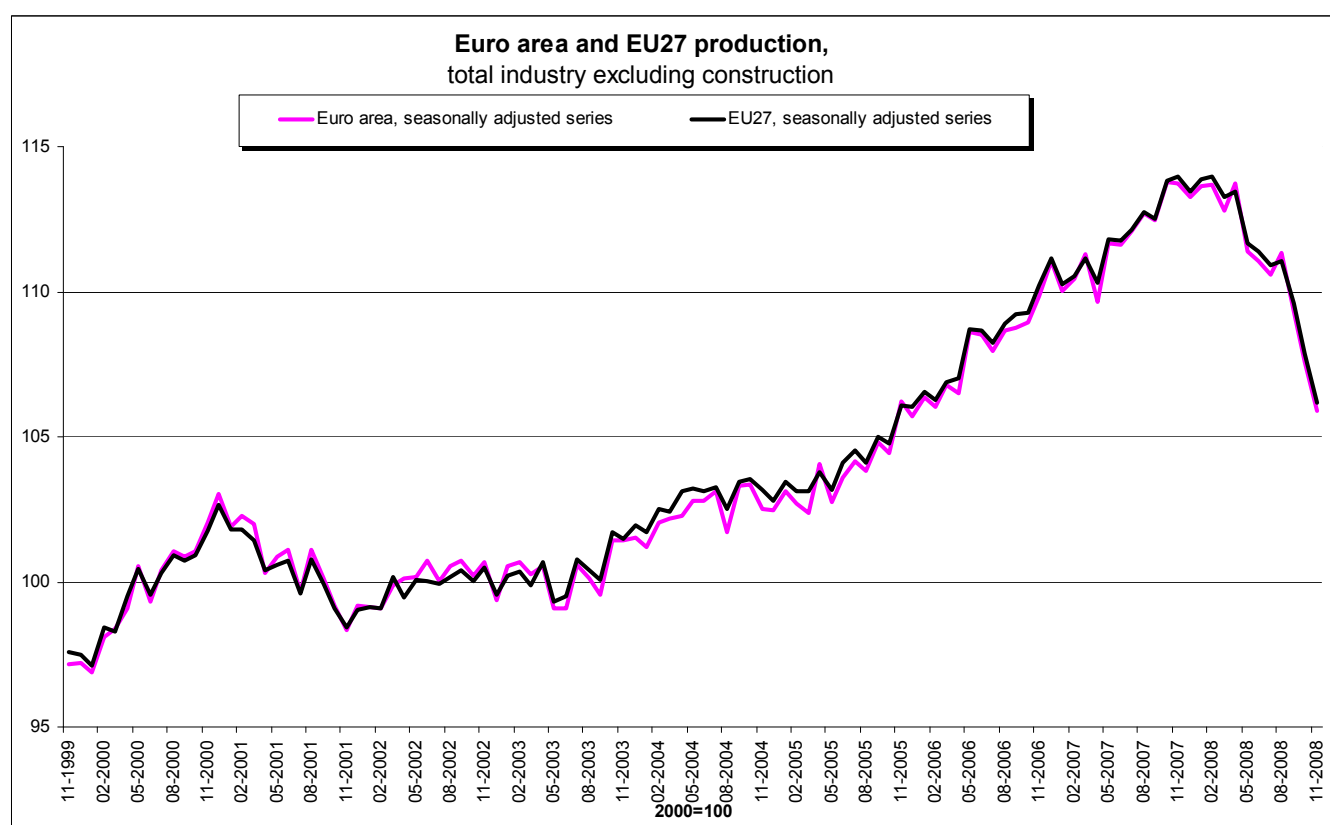
November 2008 compared with October 2008

Industrial production down by 1.6% in both euro area and EU27

In November 2008 compared with October 2008, seasonally adjusted industrial production¹ fell by 1.6% in both the **euro area**² (EA15) and the **EU27**². In October³ production also decreased by 1.6% in both zones.

In November 2008 compared with November 2007, industrial production declined by 7.7% in both the **euro area** and the **EU27**.

These estimates are released by **Eurostat, the Statistical Office of the European Communities**.



Monthly comparison

In November 2008 compared with October 2008, production of non-durable consumer goods grew by 0.1% in the **euro area**, but fell by 0.2% in the **EU27**. Production of energy decreased by 1.5% and 1.0% respectively. Capital goods declined by 1.8% in the **euro area** and by 2.3% in the **EU27**. Durable consumer goods dropped by 2.4% and 1.7% respectively. Intermediate goods fell by 2.8% in both zones.

Among the Member States for which data are available for November 2008, industrial production fell in eighteen and rose only in **Ireland** (+10.2%) and **Greece** (+0.6%). The most significant falls were registered in **Slovenia** (-12.8%), **Estonia** (-7.7%), **Slovakia** (-7.1%) and **Portugal** (-5.8%).

Annual comparison

In November 2008 compared with November 2007, production of non-durable consumer goods fell by 2.7% in the **euro area** and by 3.5% in the **EU27**. Production of energy decreased by 3.6% and 3.8% respectively. Capital goods declined by 8.0% in the **euro area** and by 8.2% in the **EU27**. Durable consumer goods dropped by 10.3% and 8.5% respectively. Intermediate goods fell by 11.2% in both zones.

Among the Member States for which data are available for November 2008, industrial production fell in nineteen and rose only in **Ireland** (+2.6%). The most significant decreases were registered in **Estonia** (-17.6%), **Spain** (-15.1%), **Latvia** (-13.9%) and **Luxembourg** (-13.8%).

1. For methodology, see News Release 38/2000 of 23 March 2000.
Total industry (excluding construction). According to the Council Regulation 1165/98 Eurostat publishes national seasonally adjusted data if available. For the other Member States (Belgium, Bulgaria, the Czech Republic, Greece, Spain, Cyprus 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 (EA15) consisted of 15 Member States up to 31 December 2008: Belgium, Germany, Ireland, Greece, Spain, France, Italy, Cyprus, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia and Finland. From 1 January 2009 the euro area (EA16) also includes Slovakia.
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 2008 will comment on EA15 series, while Releases with data for January 2009 onwards will comment on EA16 series.
3. Data of previous months have been revised compared to those issued in the News Release 178/2008 of 12 December 2008. The figures for October 2008 were -1.2% in both the euro area and the EU27 for the monthly changes, and -5.3% in the euro area and -5.0% in the EU27 for the yearly changes.

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Industrial production - monthly variation

% change compared with previous month*

	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
EA15						
Total industry	-0.3	-0.4	0.7	-1.8	-1.6	-1.6
Intermediate goods	-0.5	-0.6	1.1	-3.1	-2.4	-2.8
Energy	0.4	0.8	1.2	-0.5	-0.4	-1.5
Capital goods	-0.5	-0.6	1.2	-1.9	-2.3	-1.8
Durable consumer goods	0.3	-1.1	0.8	-2.5	-1.8	-2.4
Non-durable consumer goods	0.7	-0.1	-0.4	-0.8	0.0	0.1
EU27						
Total industry	-0.3	-0.4	0.1	-1.3	-1.6	-1.6
Intermediate goods	-0.4	-0.6	0.5	-2.5	-2.6	-2.8
Energy	-0.1	0.3	0.7	0.1	-1.3	-1.0
Capital goods	-0.3	-0.2	0.3	-1.8	-2.1	-2.3
Durable consumer goods	-0.2	-0.8	0.6	-1.6	-1.4	-1.7
Non-durable consumer goods	0.4	-0.2	-0.3	-0.7	-0.2	-0.2

Total industry	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
EA15	-0.3	-0.4	0.7	-1.8	-1.6	-1.6
EU27	-0.3	-0.4	0.1	-1.3	-1.6	-1.6
EA16	-0.3	-0.4	0.6	-1.8	-1.6	-1.6
Belgium	-0.4	0.4	0.1	-1.6	-1.9	:
Bulgaria	-2.2	0.2	-3.9	1.9	-1.3	-2.4
Czech Republic	-0.4	-0.3	-0.8	2.1	-4.0	:
Denmark	-3.5	2.9	-3.0	0.2	-0.5	-4.1
Germany	0.3	-1.5	3.0	-3.4	-1.9	-3.3
Estonia	0.3	0.3	0.6	0.1	-5.5	-7.7
Ireland	-5.7	-2.3	6.9	-5.2	-5.7	10.2
Greece	2.8	1.4	-0.5	-2.5	-0.4	0.6
Spain	-2.4	2.3	-1.9	-2.2	-2.1	-2.2
France	-0.8	1.2	-0.5	-0.7	-3.7	-2.4
Italy	0.1	-0.9	0.3	-3.1	-2.0	-2.3
Cyprus	-0.8	1.8	-1.3	-1.0	1.7	:
Latvia	1.4	-0.8	-2.1	1.5	-3.8	-3.1
Lithuania	1.3	0.3	-4.3	2.0	-6.0	-5.7
Luxembourg	-4.0	0.3	1.1	-1.8	-7.0	-3.3**
Hungary	-2.0	-0.4	0.6	-2.6	-1.8	:
Malta	:	:	:	:	:	:
Netherlands	2.0	-1.9	1.3	2.3	-1.9	-3.2
Austria	-0.5	-0.7	2.4	-0.2	-3.8	:
Poland	2.7	-1.7	-2.7	2.8	-1.5	-4.2
Portugal	3.4	2.6	0.5	-2.3	0.9	-5.8
Romania	-0.4	-2.2	-2.5	1.5	-3.8	c
Slovenia	2.8	-4.9	1.3	2.3	-1.0	-12.8
Slovakia	0.5	-0.5	-3.7	5.9	-3.1	-7.1
Finland	-2.1	0.8	-0.3	0.2	-1.1	-2.7
Sweden	-0.8	0.7	-1.2	-1.5	-2.1	-2.3
United Kingdom	-0.3	-0.4	-0.7	-0.3	-1.6	-2.3

* Seasonally adjusted

c Confidential

** Estimated by Member State

: Data not available

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

	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
EA15						
Total industry	-0.4	-1.1	-0.6	-2.5	-5.7	-7.7
Intermediate goods	-0.9	-1.7	0.1	-3.9	-7.9	-11.2
Energy	-1.0	0.3	0.4	0.1	-1.5	-3.6
Capital goods	1.7	-0.1	0.8	-0.8	-5.4	-8.0
Durable consumer goods	-4.1	-5.3	-6.1	-6.8	-8.9	-10.3
Non-durable consumer goods	-0.7	-0.8	-3.2	-2.8	-2.9	-2.7
EU27						
Total industry	-0.2	-0.8	-1.1	-2.2	-5.4	-7.7
Intermediate goods	-0.7	-1.5	-0.6	-3.4	-7.7	-11.2
Energy	-0.7	-0.6	-0.5	0.4	-2.3	-3.8
Capital goods	1.8	0.9	0.1	-1.1	-5.3	-8.2
Durable consumer goods	-3.2	-4.2	-5.4	-5.2	-7.1	-8.5
Non-durable consumer goods	-0.9	-0.9	-3.0	-2.5	-3.0	-3.5

Total industry	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08
EA15	-0.4	-1.1	-0.6	-2.5	-5.7	-7.7
EU27	-0.2	-0.8	-1.1	-2.2	-5.4	-7.7
EA16	-0.4	-1.1	-0.6	-2.5	-5.7	-7.7
Belgium	0.7	1.2	1.8	-1.1	-5.0	:
Bulgaria	4.2	2.8	-3.1	-0.6	-2.3	-6.0
Czech Republic	3.4	1.6	-0.3	4.5	-6.1	:
Denmark	0.9	3.0	-1.7	0.2	-4.4	-6.7
Germany	2.2	0.4	1.6	-1.8	-3.8	-6.6
Estonia	-5.1	-5.0	-4.1	-4.5	-11.8	-17.6
Ireland	5.9	-5.8	4.7	1.0	-9.3	2.6
Greece	-2.5	-0.5	-2.5	-3.0	-4.2	-5.9
Spain	-9.2	-2.9	-6.7	-9.0	-12.9	-15.1
France	-2.0	-2.3	-3.6	-1.9	-7.6	-10.7
Italy	-1.8	-2.7	-5.7	-5.8	-6.9	-9.7
Cyprus	1.9	4.9	0.3	0.9	1.4	:
Latvia	-6.0	-6.5	-10.7	-5.6	-9.0	-13.9
Lithuania	4.2	3.0	-3.4	6.2	-2.9	-6.8
Luxembourg	-3.4	1.2	2.4	1.0	-9.8	-13.8**
Hungary	-0.6	-1.9	-1.3	-5.3	-7.2	:
Malta	:	:	:	:	:	:
Netherlands	2.1	-0.4	1.0	0.8	-1.3	-5.5
Austria	3.0	0.8	3.9	3.5	-2.8	:
Poland	7.3	3.9	0.0	3.1	-0.2	-5.3
Portugal	-3.9	-0.3	-0.6	-3.7	-3.4	-6.3
Romania	5.9	3.1	1.2	0.4	-3.1	c
Slovenia	2.1	-4.1	-2.4	1.4	-2.8	-12.0
Slovakia	6.3	1.3	1.0	5.5	0.1	-7.2
Finland	-3.7	0.5	0.2	0.8	-1.2	-10.1
Sweden	-1.1	1.0	-0.6	-2.2	-6.1	-11.4
United Kingdom	-1.9	-1.2	-3.4	-3.1	-5.4	-8.0

* Working day adjusted

c Confidential

** Estimated by Member State

: Data not available

Production indices for total industry excluding construction
seasonally adjusted
(base year 2000)

	11/07	12/07	01/08	02/08	03/08	04/08	05/08	06/08	07/08	08/08	09/08	10/08	11/08
EA15	113.8	113.3	113.7	113.7	112.8	113.7	111.4	111.1	110.6	111.3	109.3	107.6	105.9
EU27	114.0	113.4	113.9	114.0	113.3	113.5	111.7	111.4	110.9	111.1	109.6	107.9	106.2
EA16	113.9	113.4	113.8	113.8	112.9	113.9	111.6	111.3	110.8	111.5	109.5	107.8	106.1
BE	115.0	113.2	115.6	117.2	113.7	115.8	114.4	114.0	114.4	114.5	112.6	110.4	:
BG	181.5	176.7	180.1	181.5	180.1	181.0	185.5	181.4	181.9	174.7	178.0	175.7	171.5
CZ	173.4	171.8	173.2	174.8	168.7	176.9	172.2	171.6	171.0	169.7	173.2	166.4	:
DK	110.8	108.3	114.2	113.8	105.5	114.3	112.1	108.2	111.3	108.0	108.2	107.7	103.3
DE	120.7	121.9	122.6	122.7	122.6	123.3	120.8	121.2	119.4	123.0	118.8	116.6	112.8
EE	190.8	190.1	189.2	189.2	178.7	185.8	178.2	178.8	179.3	180.4	180.5	170.5	157.3
IE	145.0	149.1	146.7	142.1	158.1	135.0	153.6	144.9	141.5	151.2	143.3	135.2	149.0
EL	103.2	103.2	104.1	99.3	97.7	102.2	97.1	99.8	101.2	100.7	98.1	97.7	98.3
ES	109.7	107.9	108.6	108.7	106.0	106.8	103.5	101.1	103.4	101.4	99.2	97.1	95.0
FR	105.0	105.1	105.4	105.7	104.4	105.6	102.4	101.6	102.8	102.3	101.6	97.8	95.5
IT	97.5	97.1	98.2	97.9	97.5	98.2	96.2	96.3	95.4	95.7	92.7	90.8	88.7
CY	116.2	120.8	115.8	118.5	117.9	119.9	119.0	118.0	120.2	118.6	117.4	119.4	:
LV	148.4	143.6	146.0	146.2	141.0	144.6	137.8	139.7	138.6	135.6	137.7	132.5	128.4
LT	183.6	180.6	187.3	194.3	186.1	209.1	194.4	196.9	197.4	188.9	192.6	181.0	170.7
LU	119.9	120.2	116.1	118.2	117.5	118.7	120.3	115.5	115.8	117.1	115.0	107.0	103.4*
HU	158.6	160.4	160.2	163.0	158.2	159.8	158.4	155.2	154.6	155.5	151.5	148.7	:
MT	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	113.5	117.4	108.8	108.7	112.4	115.0	109.2	111.4	109.3	110.7	113.2	111.0	107.4
AT	131.5	136.8	136.5	137.6	137.6	137.9	137.1	136.4	135.4	138.6	138.3	133.0	:
PL	163.9	162.4	172.1	175.2	168.3	171.9	164.8	169.2	166.3	161.8	166.3	163.8	157.0
PT	103.0	105.5	103.4	104.4	104.4	104.8	97.7	101.0	103.6	104.1	101.7	102.6	96.6
RO	142.0	142.0	145.3	147.9	149.0	149.4	150.3	149.7	146.4	142.7	144.8	139.3	c
SI	132.6	130.6	130.7	136.3	132.9	134.6	132.1	135.8	129.1	130.8	133.8	132.4	115.4
SK	164.3	159.0	167.7	170.0	160.8	169.5	166.0	166.9	166.1	160.0	169.5	164.3	152.7
FI	131.1	126.6	127.8	128.0	125.9	127.3	127.0	124.3	125.3	124.9	125.1	123.7	120.3
SE	116.9	116.9	117.2	116.2	115.9	115.3	115.1	114.2	115.0	113.6	111.9	109.6	107.1
UK	97.4	97.3	97.0	97.1	96.8	96.7	96.0	95.7	95.3	94.6	94.3	92.8	90.7

* Estimated by Member State

c Confidential

: Data not available.

Production indices for total industry excluding construction
working day adjusted
(base year 2000)

	11/05	11/06	11/07	12/07	01/08	02/08	03/08	04/08	05/08	06/08	07/08	08/08	09/08	10/08	11/08
EA15	112.1	115.4	118.7	110.1	109.8	110.9	120.6	114.0	111.7	115.1	111.8	91.6	113.4	113.7	109.5
EU27	112.2	116.1	119.3	110.8	109.8	111.0	120.4	113.8	112.1	115.0	110.1	94.6	113.7	114.0	110.2
EA16	112.2	115.5	118.9	110.2	110.0	111.1	120.8	114.2	111.9	115.3	111.9	91.8	113.6	113.9	109.7
BE	113.1	113.9	117.9	112.0	114.8	116.1	120.3	117.5	117.1	120.8	105.8	106.6	117.0	115.8	:
BG	164.9	171.8	187.3	193.5	161.0	170.3	184.5	178.6	180.4	186.7	188.8	169.6	179.3	179.0	176.2
CZ	156.8	187.8	203.1	162.1	169.0	167.9	174.5	179.8	177.6	174.1	160.5	145.0	188.9	166.8	:
DK	112.4	120.8	119.3	104.8	112.9	109.1	111.4	108.5	112.5	113.5	92.0	106.7	114.4	117.0	111.3
DE	115.0	122.8	128.5	116.1	115.3	117.9	130.3	122.2	118.3	123.6	120.7	112.9	124.5	122.8	120.0
EE	174.2	188.9	200.2	194.9	181.2	182.0	188.8	190.2	187.9	184.3	160.4	181.3	188.2	180.6	164.9
IE	144.9	128.8	146.6	150.0	141.8	142.4	166.9	142.0	156.8	155.4	126.4	142.8	138.6	136.0	150.4
EL	100.8	98.3	102.9	99.1	95.2	97.7	96.2	101.8	99.5	106.1	111.0	91.4	103.6	98.3	96.8
ES	109.8	114.3	113.1	99.1	107.1	108.9	112.1	106.6	109.8	105.0	111.6	74.7	100.9	101.4	96.0
FR	108.3	106.3	108.6	105.3	106.6	105.0	112.7	107.5	98.0	107.9	101.9	74.9	105.3	107.6	97.0
IT	102.5	104.9	102.1	92.6	96.2	97.3	105.1	100.3	102.3	101.1	103.4	55.1	95.7	97.8	92.2
CY	107.0	108.9	111.9	119.9	104.1	107.0	122.5	130.8	123.9	129.7	133.6	92.1	123.8	123.1	:
LV	149.4	150.4	154.7	154.4	141.3	145.6	151.3	145.1	139.9	137.1	129.7	133.1	135.9	139.1	133.1
LT	185.4	182.8	189.3	187.0	185.2	189.3	193.8	203.8	193.7	195.5	192.8	186.1	192.3	183.4	176.4
LU	121.4	125.3	123.3	116.0	120.6	117.2	127.4	120.7	124.4	116.7	113.7	94.4	114.4	110.0	106.3*
HU	150.4	166.9	176.4	160.5	149.2	152.7	164.4	155.7	156.2	155.8	147.9	139.9	158.9	161.1	:
MT	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
NL	114.7	114.8	124.0	124.7	112.9	111.5	122.4	111.3	103.8	108.8	98.5	95.4	111.0	117.0	117.2
AT	131.4	139.9	141.9	137.5	120.7	129.4	149.0	136.1	134.7	139.0	135.1	123.9	147.2	140.4	:
PL	143.5	157.9	171.2	164.4	160.7	164.2	172.0	172.1	165.0	168.1	158.9	154.3	171.9	175.4	162.2
PT	104.5	110.2	107.9	100.3	105.7	100.8	100.8	102.3	101.3	102.4	109.4	85.7	104.5	106.3	101.1
RO	133.4	143.3	148.9	134.3	133.8	139.2	155.3	146.5	156.8	154.2	148.6	138.8	148.9	147.6	c
SI	127.6	137.3	139.6	122.1	124.7	128.6	136.6	134.4	135.3	139.0	127.2	111.9	137.3	140.4	122.8
SK	142.7	157.6	177.0	151.5	163.4	163.9	168.1	168.0	170.4	169.5	158.1	146.0	172.9	175.6	164.3
FI	122.7	130.4	144.2	127.8	113.5	113.3	126.1	131.2	139.3	133.2	119.9	122.7	134.9	137.2	129.6
SE	113.9	119.5	124.0	128.2	116.4	117.8	126.4	120.2	120.7	123.4	88.0	101.0	115.8	111.4	109.9
UK	101.4	103.4	103.5	96.0	93.4	94.4	103.4	95.1	95.0	96.6	93.4	88.2	96.4	97.9	95.2

* Estimated by Member State

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: Data not available