

26/2017 - 14 February 2017

December 2016 compared with November 2016

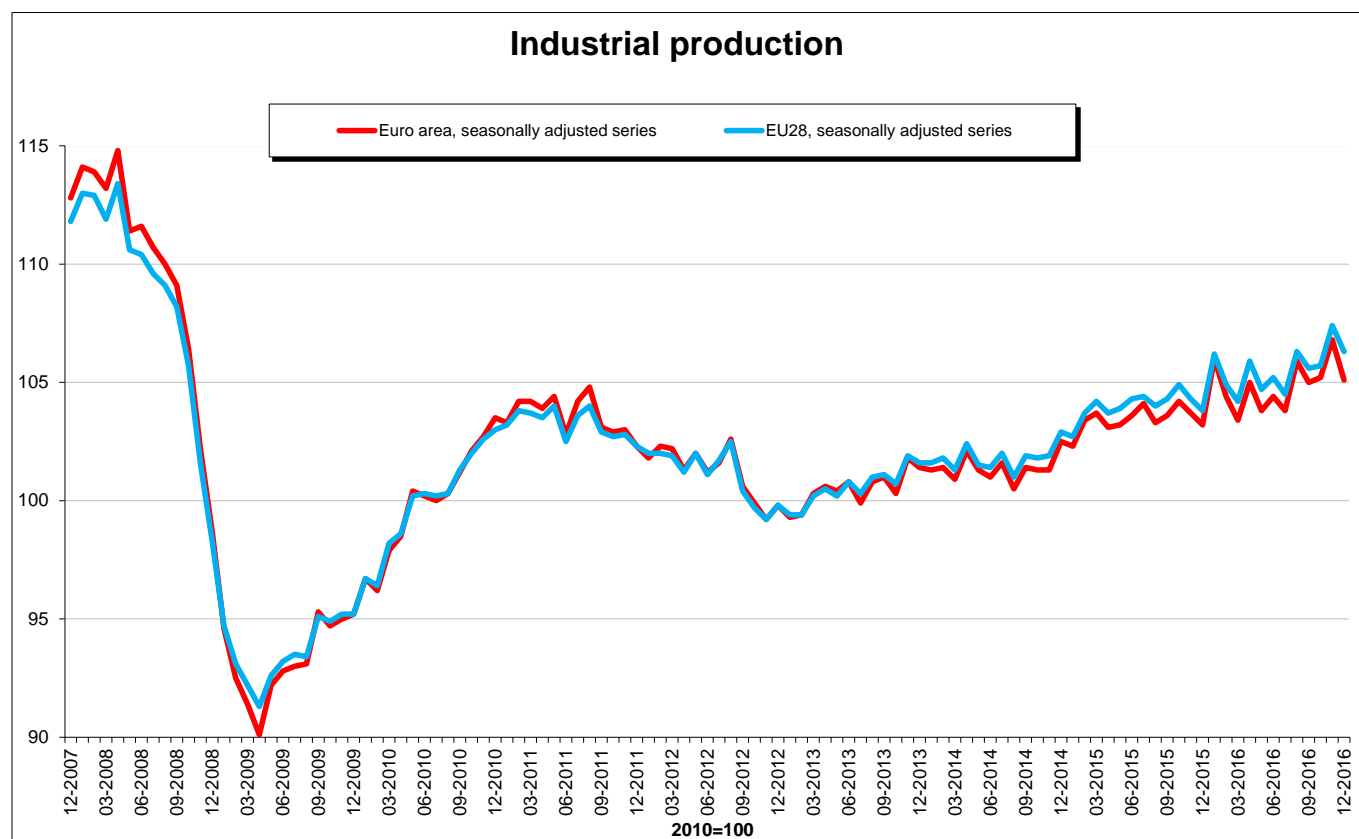
Industrial production down by 1.6% in euro area

Down by 1.0% in EU28

In December 2016 compared with November 2016, seasonally adjusted industrial production fell by 1.6% in the **euro area** (EA19) and by 1.0% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2016 industrial production rose by 1.5% in the **euro area** and by 1.6% in the **EU28**.

In December 2016 compared with December 2015, industrial production increased by 2.0% in the **euro area** and by 2.9% in the **EU28**.

The average industrial production for the year 2016, compared with 2015, rose by 1.3% in the **euro area** and by 1.4% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

The decrease of 1.6% in industrial production in the **euro area** in December 2016, compared with November 2016, is due to production of capital goods falling by 3.3%, energy by 1.4%, non-durable consumer goods by 1.2% and intermediate goods by 0.2%, while production of durable consumer goods rose by 2.9%.

In the **EU28**, the decrease of 1.0% is due to production of capital goods falling by 2.2%, energy by 1.4% and non-durable consumer goods by 0.8%, while production of intermediate goods remained stable and production of durable consumer goods rose by 2.7%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-11.7%), **Germany** (-3.1%) and the **Czech Republic** (-2.2%), and the highest increases in **Croatia** (+3.9%), **Greece** and **Malta** (both +2.4%).

Annual comparison by main industrial grouping and by Member State

The increase of 2.0% in industrial production in the **euro area** in December 2016, compared with December 2015, is due to production of energy rising by 6.5%, durable consumer goods by 3.9%, intermediate goods by 3.4% and non-durable consumer goods by 0.1%, while production of capital goods fell by 0.1%.

In the **EU28**, the increase of 2.9% is due to production of energy rising by 5.4%, intermediate goods by 4.6%, durable consumer goods by 4.5%, non-durable consumer goods by 1.4% and capital goods by 1.1%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Croatia** (+14.9%), **Latvia** (+11.5%) and **Denmark** (+11.1%), while decreases were observed in **Luxembourg** (-5.1%), **Ireland** (-1.8%), **Germany** and **Sweden** (both -0.8%).

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 5/2017 of 12 January 2017, the monthly percentage change for November 2016 remains unchanged at +1.5% in the euro area and at +1.6% in the EU28. The annual percentage change remains unchanged at +3.2% in the euro area and at +3.1% 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


Issued by: **Eurostat Press Office**


Vincent BOURGEAIS
Tel: +352-4301-33 444
eurostat-pressoffice@ec.europa.eu

For further information on data:

Marko CIP
Tel: +352-4301-34 858
marko.cip@ec.europa.eu

 **Media requests:** Eurostat media support / Tel: +352-4301-33 408 / eurostat-mediasupport@ec.europa.eu

 ec.europa.eu/eurostat/

 [@EU_Eurostat](https://twitter.com/EU_Eurostat)

Industrial production
% change compared with previous month*

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
EA19						
Total industry	-0.6	2.0	-0.8	0.2	1.5	-1.6
Intermediate goods	-0.2	1.8	-0.5	-0.3	1.9	-0.2
Energy	0.9	3.5	-0.1	0.8	1.3	-1.4
Capital goods	-1.9	4.2	-2.1	1.4	0.2	-3.3
Durable consumer goods	-1.1	5.1	-5.9	1.2	0.6	2.9
Non-durable consumer goods	0.5	-0.6	0.1	-1.2	1.9	-1.2
EU28						
Total industry	-0.7	1.7	-0.7	0.1	1.6	-1.0
Intermediate goods	-0.2	1.2	0.0	-0.2	2.0	0.0
Energy	1.4	2.0	-0.8	0.2	1.7	-1.4
Capital goods	-2.3	4.4	-1.8	0.9	0.3	-2.2
Durable consumer goods	-0.9	3.3	-4.1	0.9	0.7	2.7
Non-durable consumer goods	0.8	-0.6	-0.5	-0.4	2.0	-0.8

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

Total industry	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
EA19	-0.6	2.0	-0.8	0.2	1.5	-1.6
EU28	-0.7	1.7	-0.7	0.1	1.6	-1.0
Belgium	2.6	-0.7	-2.8	0.4	1.1	:
Bulgaria	-1.6	0.6	-0.3	0.3	1.9	2.1
Czech Republic	-9.6	11.6	-1.7	-0.3	1.7	-2.2
Denmark	2.3	-1.0	-7.6	10.0	3.4	0.3
Germany	-1.8	3.3	-1.4	0.4	0.4	-3.1
Estonia	4.5	-0.2	4.1	-0.4	1.7	-1.0
Ireland	7.0	-12.7	7.0	-2.1	15.3	-11.7
Greece	-0.6	0.7	-1.8	4.6	-1.1	2.4
Spain	-0.1	2.0	-1.2	0.2	1.5	-0.4
France	-0.5	2.6	-1.5	-0.1	2.4	-0.9
Croatia	-0.3	-0.4	2.6	1.7	2.7	3.9
Italy	0.8	1.9	-0.7	0.1	0.8	1.4
Cyprus	0.0	-0.2	-1.9	2.0	-0.7	:
Latvia	-1.8	-1.7	1.8	2.8	2.8	0.2
Lithuania	1.2	-1.4	4.1	0.2	0.6	1.1
Luxembourg	-1.5	-3.3	2.9	-2.7	-0.3	0.1**
Hungary	0.0	1.3	-2.9	2.3	0.7	0.5
Malta	-0.3	1.5	1.0	-2.4	3.3	2.4
Netherlands	-1.8	3.7	1.6	-1.6	2.9	-0.2
Austria	-0.2	1.4	-0.2	1.1	1.2	:
Poland	-1.5	2.1	-0.4	-0.7	2.2	1.7
Portugal	-0.6	1.0	-2.6	2.8	-0.8	1.2
Romania	0.8	0.9	0.8	-0.8	1.0	1.6
Slovenia	1.1	-0.4	1.5	-0.6	0.9	1.3
Slovakia	-16.0	26.1	-4.0	-0.5	1.0	0.4
Finland	0.8	-2.8	2.7	-0.1	0.4	-0.8
Sweden	1.5	-4.0	7.6	-3.0	1.3	-1.2
United Kingdom	0.1	-0.2	-0.3	-1.1	2.0	1.1
Norway	4.2	-4.6	-5.3	10.0	0.6	-2.7

* Calendar and seasonally adjusted

** Estimated by Member State

: Data not available

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

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

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
EA19						
Total industry	-0.4	2.4	1.3	0.8	3.2	2.0
Intermediate goods	0.7	2.7	1.5	0.9	2.9	3.4
Energy	-4.7	2.1	1.4	2.0	5.8	6.5
Capital goods	-1.2	3.4	1.2	1.3	3.3	-0.1
Durable consumer goods	1.2	4.0	-0.6	-1.9	-0.2	3.9
Non-durable consumer goods	1.7	0.2	1.6	-0.6	2.9	0.1
EU28						
Total industry	0.0	2.3	1.2	0.6	3.1	2.9
Intermediate goods	0.6	2.4	1.8	0.8	3.1	4.6
Energy	-3.0	0.6	0.2	-0.1	4.4	5.4
Capital goods	-0.8	4.1	1.3	1.3	2.9	1.1
Durable consumer goods	1.9	4.3	0.6	-0.2	1.0	4.5
Non-durable consumer goods	1.6	0.3	0.6	-0.5	3.2	1.4

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

Total industry	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
EA19	-0.4	2.4	1.3	0.8	3.2	2.0
EU28	0.0	2.3	1.2	0.6	3.1	2.9
Belgium	6.9	5.9	2.1	1.4	0.5	:
Bulgaria	2.3	2.5	3.5	2.4	3.9	7.0
Czech Republic	-7.3	7.9	2.8	0.7	4.5	2.7
Denmark	7.0	0.5	-3.2	7.7	13.1	11.1
Germany	-1.6	2.5	1.5	1.7	2.4	-0.8
Estonia	2.1	1.3	5.7	4.8	9.5	10.0
Ireland	5.1	-7.5	-0.4	-4.7	13.3	-1.8
Greece	4.7	0.1	0.1	7.2	2.0	2.3
Spain	-0.9	4.4	0.2	0.1	3.2	2.0
France	-0.4	0.3	-1.0	-1.9	2.0	1.4
Croatia	1.2	2.5	1.9	1.7	7.2	14.9
Italy	-0.3	4.4	1.9	1.3	3.3	6.6
Cyprus	8.4	6.1	2.9	7.2	3.4	:
Latvia	2.5	-0.6	2.4	6.9	11.2	11.5
Lithuania	-0.7	0.3	7.4	0.4	1.8	5.2
Luxembourg	0.6	-7.5	1.2	-4.9	-7.0	-5.1**
Hungary	0.0	3.3	-3.7	-1.8	0.7	1.8
Malta	-5.5	-2.4	-1.4	-6.7	0.4	5.0
Netherlands	-0.4	4.8	5.4	1.2	6.0	7.5
Austria	-0.5	1.7	1.9	2.0	3.9	:
Poland	0.9	5.2	3.2	0.8	3.1	4.6
Portugal	-1.2	2.5	0.3	-0.9	2.1	5.7
Romania	1.1	2.9	3.5	2.0	2.9	5.8
Slovenia	7.0	6.3	7.5	6.6	7.4	10.2
Slovakia	-13.9	17.2	4.0	3.4	2.4	3.0
Finland	5.6	-1.1	4.0	4.0	4.4	1.3
Sweden	2.6	-6.1	1.6	-2.0	-0.4	-0.8
United Kingdom	2.1	1.8	0.3	-1.4	2.0	7.3
Norway	0.5	-6.5	-12.5	0.7	1.3	-1.4

* Calendar adjusted

** Estimated by Member State

: Data not available

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

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

	12/15	01/16	02/16	03/16	04/16	05/16	06/16	07/16	08/16	09/16	10/16	11/16	12/16
EA19	103.2	106.0	104.4	103.4	105.0	103.8	104.4	103.8	105.9	105.0	105.2	106.8	105.1
EU28	103.8	106.2	104.9	104.2	105.9	104.7	105.2	104.5	106.3	105.6	105.7	107.4	106.3
Belgium	102.9	108.9	107.4	106.8	107.1	105.4	107.1	109.9	109.1	106.0	106.4	107.6	:
Bulgaria	112.5	113.0	113.2	112.4	111.9	110.0	114.3	112.5	113.2	112.9	113.2	115.3	117.7
Czech Republic	114.6	118.6	117.5	119.3	117.7	117.5	120.1	108.6	121.2	119.1	118.7	120.7	118.0
Denmark	103.5	107.3	106.2	106.0	107.3	107.5	107.2	109.7	108.6	100.3	110.3	114.1	114.4
Germany	108.3	111.3	110.1	109.2	110.1	108.8	110.1	108.1	111.7	110.1	110.5	110.9	107.5
Estonia	123.4	129.2	128.8	124.7	131.2	127.1	124.7	130.3	130.0	135.3	134.8	137.1	135.7
Ireland	160.0	189.8	158.0	131.4	160.4	152.1	158.6	169.7	148.2	158.6	155.2	178.9	157.9
Greece	92.6	91.5	87.5	87.2	90.8	87.0	90.6	90.1	90.7	89.1	93.2	92.2	94.4
Spain	95.3	95.2	94.8	96.1	95.9	95.3	95.3	95.2	97.1	95.9	96.1	97.5	97.1
France	100.7	102.2	100.7	100.4	101.5	101.0	100.1	99.6	102.2	100.7	100.6	103.0	102.1
Croatia	94.7	97.6	97.5	101.4	98.5	97.7	98.3	98.0	97.6	100.1	101.8	104.5	108.6
Italy	91.0	93.2	92.5	92.6	93.2	92.7	92.5	93.2	95.0	94.3	94.4	95.2	96.5
Cyprus	76.9	78.1	78.7	79.0	80.2	78.1	80.2	80.2	80.0	78.5	80.1	79.5	:
Latvia	117.5	118.1	118.3	123.7	121.8	124.7	125.6	123.3	121.2	123.4	126.8	130.4	130.6
Lithuania	121.1	120.9	122.9	120.9	117.9	120.4	120.2	121.7	120.0	124.9	125.1	125.9	127.3
Luxembourg	99.2	99.4	100.2	100.1	96.6	96.5	99.4	97.9	94.7	97.4	94.8	94.5	94.6*
Hungary	121.2	121.2	120.2	118.1	125.0	124.3	121.2	121.2	122.8	119.2	121.9	122.8	123.4
Malta	96.9	93.3	95.9	95.0	96.5	96.6	95.9	95.6	97.0	98.0	95.6	98.8	101.2
Netherlands	92.3	94.2	93.5	95.0	96.4	92.7	93.4	91.7	95.1	96.6	95.1	97.9	97.7
Austria	110.2	113.1	112.1	112.2	112.7	113.1	112.0	111.8	113.4	113.2	114.4	115.8	:
Poland	122.5	122.2	122.2	121.4	124.2	122.8	123.3	121.4	123.9	123.4	122.5	125.2	127.3
Portugal	94.7	95.5	96.3	95.1	100.7	96.9	98.7	98.1	99.1	96.5	99.2	98.4	99.6
Romania	132.2	129.5	130.5	131.5	134.3	128.6	131.4	132.5	133.7	134.8	133.7	135.1	137.3
Slovenia	106.4	111.1	111.4	111.0	111.5	112.4	113.0	114.2	113.8	115.5	114.8	115.8	117.3
Slovakia	141.3	138.9	143.2	138.9	144.1	143.6	142.1	119.3	150.4	144.4	143.7	145.1	145.7
Finland	95.0	93.1	95.0	93.1	95.2	95.3	96.2	97.0	94.3	96.8	96.7	97.1	96.3
Sweden	98.5	99.5	99.7	100.2	100.0	97.4	96.3	97.7	93.8	100.9	97.9	99.2	98.0
United Kingdom	97.6	98.3	98.1	98.6	100.9	100.3	100.2	100.3	100.1	99.8	98.7	100.7	101.8
Norway	96.2	97.0	97.3	97.1	98.0	97.6	93.8	97.7	93.2	88.3	97.1	97.7	95.1

* Estimated by Member State

: Data not available

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

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

	12/13	12/14	12/15	01/16	02/16	03/16	04/16	05/16	06/16	07/16	08/16	09/16	10/16	11/16	12/16
EA19	97.2	98.1	98.5	101.3	102.5	111.6	104.0	103.5	107.4	105.7	89.3	108.9	110.3	111.9	100.5
EU28	97.8	99.0	99.6	101.9	102.5	112.2	105.2	104.7	107.8	104.7	92.1	109.3	110.9	112.6	102.5
Belgium	105.4	101.7	101.3	106.6	105.4	116.5	107.3	104.3	112.8	101.8	99.3	111.4	112.1	108.9	:
Bulgaria	110.6	112.2	116.1	108.2	106.5	112.4	109.9	103.7	115.9	116.3	109.2	113.0	117.3	122.6	124.2
Czech Republic	103.3	108.5	107.8	112.7	113.1	127.4	118.0	117.8	125.2	102.4	112.0	122.7	126.7	129.5	110.7
Denmark	97.8	100.4	99.4	107.2	101.6	109.3	103.9	106.3	110.0	96.3	106.5	107.5	120.2	122.5	110.4
Germany	102.9	104.0	102.9	103.9	106.6	117.5	108.7	106.4	112.1	109.4	103.6	114.8	115.2	117.9	102.1
Estonia	113.4	127.1	116.6	123.5	121.0	131.2	130.4	132.0	124.7	119.0	128.9	141.0	145.5	143.7	128.3
Ireland**	90.9	104.6	152.5	186.8	152.7	144.9	160.1	147.0	163.8	168.3	139.8	162.6	155.9	183.6	149.8
Greece	86.4	83.8	89.7	83.4	85.3	87.5	90.6	88.6	97.1	99.8	87.3	92.5	91.3	89.8	91.8
Spain	84.2	84.3	88.0	92.1	93.9	102.8	95.0	99.5	99.7	101.2	76.5	98.7	100.0	101.3	89.8
France	99.9	101.4	100.2	102.7	100.9	109.7	103.4	96.4	106.0	98.1	77.9	104.0	105.9	105.3	101.6
Croatia	90.2	94.5	95.1	88.5	92.0	106.5	99.5	101.7	96.8	102.3	87.7	101.3	104.8	110.1	109.3
Italy	80.4	80.6	79.9	88.5	93.9	101.2	92.1	100.2	96.0	106.1	61.8	99.6	102.4	99.0	85.2
Cyprus	70.8	70.0	75.4	68.9	71.3	76.9	78.8	82.1	87.8	96.8	72.5	82.6	80.8	75.7	:
Latvia	114.8	114.2	117.2	103.2	100.0	121.6	122.4	127.0	127.9	124.2	123.6	125.0	140.6	139.9	130.7
Lithuania	114.2	118.2	122.6	117.6	119.1	121.2	112.6	120.6	120.5	120.5	117.3	125.4	132.3	132.0	129.0
Luxembourg	90.5	93.2	91.8	96.8	98.7	106.7	99.6	97.4	101.7	99.6	80.3	99.3	102.4	96.5	87.1*
Hungary	102.1	107.4	114.6	116.9	113.6	123.4	124.2	126.3	124.7	118.6	110.5	125.7	130.4	135.4	116.7
Malta	84.7	80.5	84.8	88.5	90.9	102.6	97.2	97.8	101.9	102.3	90.2	102.1	99.6	97.7	89.0
Netherlands	109.9	107.4	99.3	102.2	97.9	105.2	93.0	88.6	89.2	81.2	78.8	91.6	97.3	107.5	106.7
Austria	107.6	110.5	109.5	100.1	104.5	120.6	112.2	111.4	115.2	112.1	101.6	120.4	119.7	123.3	:
Poland	107.0	113.3	118.3	116.4	116.3	128.0	123.1	120.3	124.3	118.0	117.4	129.9	131.6	130.5	123.7
Portugal	87.3	86.6	87.2	96.3	96.8	99.3	98.4	100.6	101.9	102.6	83.6	99.4	100.6	100.7	92.2
Romania	117.0	120.7	122.6	124.4	126.2	137.1	134.3	133.7	131.8	135.2	117.2	141.9	144.0	143.9	129.7
Slovenia	93.8	94.3	96.6	107.0	108.1	120.3	110.2	115.5	119.1	115.5	96.9	121.6	120.9	120.3	106.5
Slovakia	108.4	121.4	128.2	131.3	142.8	144.9	145.5	147.4	148.3	113.9	137.4	147.2	154.5	156.1	132.0
Finland	105.6	104.2	106.2	73.5	80.5	94.0	88.3	99.9	96.1	90.4	93.2	105.6	111.4	109.3	107.6
Sweden	98.5	97.2	99.2	95.1	97.0	108.9	103.4	97.7	100.2	80.0	84.2	105.4	105.2	106.1	98.4
United Kingdom	95.7	96.1	95.7	96.7	95.2	107.3	101.2	102.3	100.7	98.5	94.3	100.1	100.8	104.2	102.7
Norway	97.3	100.7	98.6	103.0	95.6	102.3	96.1	96.8	89.2	88.0	90.5	84.2	103.4	102.3	97.2

* Estimated by Member State

** 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](#).