

28/2019 - 13 February 2019

December 2018 compared with November 2018

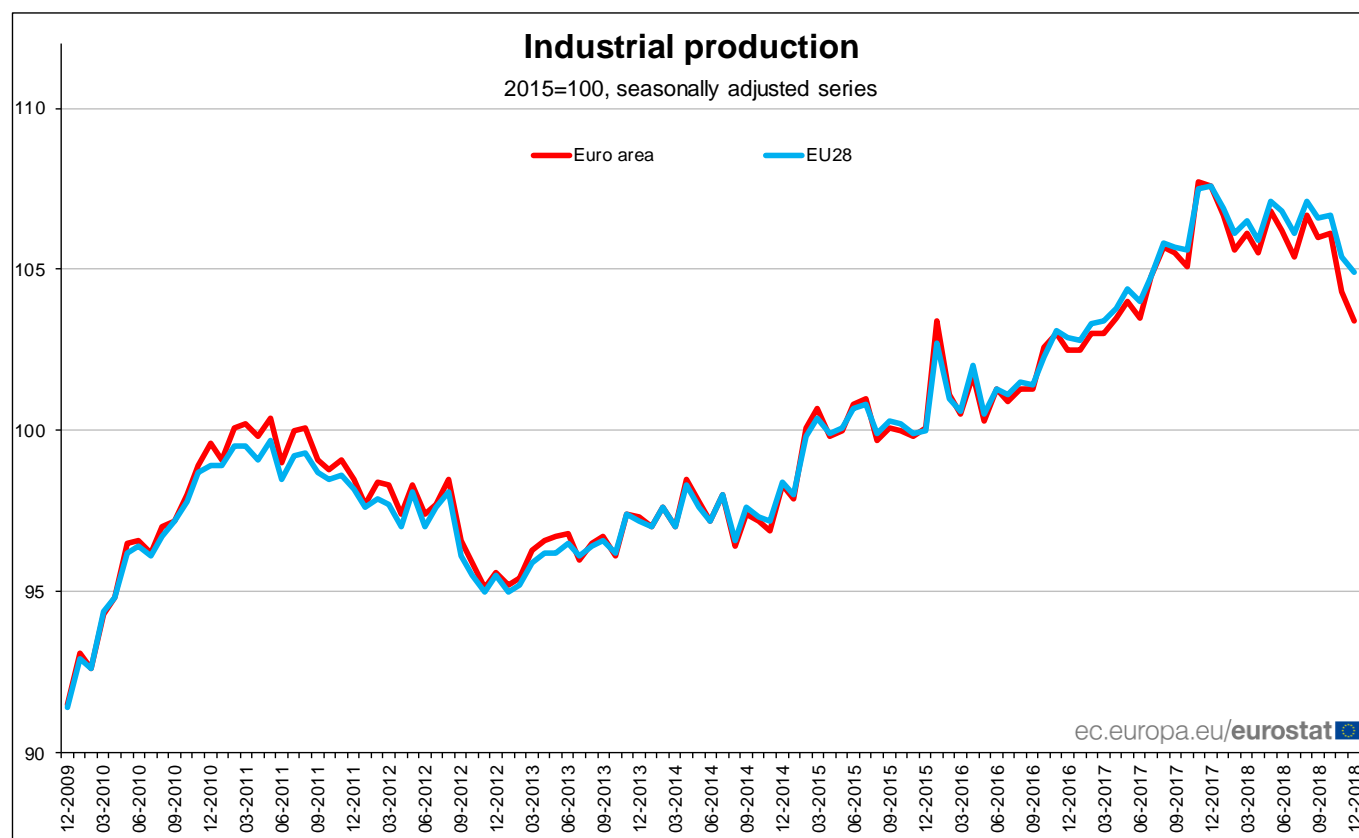
Industrial production down by 0.9% in euro area

Down by 0.5% in EU28

In December 2018 compared with November 2018, seasonally adjusted industrial production fell by 0.9% in the **euro area** (EA19) and by 0.5% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2018, industrial production fell by 1.7% in the **euro area** and by 1.2% in the **EU28**.

In December 2018 compared with December 2017, industrial production decreased by 4.2% in the **euro area** and by 2.7% in the **EU28**.

The average industrial production for the year 2018, compared with 2017, rose by 1.1% in the **euro area** and by 1.3% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in December 2018, compared with November 2018, production of both capital goods and non-durable consumer goods fell by 1.5% and energy by 0.4%, while production of intermediate goods remained unchanged and durable consumer goods rose by 0.7%.

In the **EU28**, production of capital goods fell by 1.2% and non-durable consumer goods by 0.2%, while production of intermediate goods remained unchanged, energy rose by 0.4% and durable consumer goods by 0.1%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-13.4%), **Malta** (-5.2%) and the **Netherlands** (-3.2%). The highest increases were observed in **Denmark** (+11.6%), **Luxembourg** (+3.5%) and **Latvia** (+3.3%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in December 2018, compared with December 2017, production of capital goods fell by 5.5%, durable consumer goods by 4.4%, energy by 4.2%, intermediate goods by 4.0% and non-durable consumer goods by 1.8%.

In the **EU28**, production of capital goods fell by 4.2%, intermediate goods by 3.2%, durable consumer goods by 2.9%, energy by 1.5% and non-durable consumer goods by 0.2%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-19.8%), **Spain** (-6.7%) and **Croatia** (-6.6%). The highest increases were observed in **Denmark** (+14.3%), **Hungary** (+5.8%) and **Estonia** (+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, Czechia, 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 8/2019 of 14 January 2019, the monthly percentage change for November 2018 remains unchanged at -1.7% in the euro area and has been revised from -1.3% to -1.2% in the EU28. The annual percentage change has been revised from -3.3% to -3.0% in the euro area and from -2.2% to -1.9% 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_2015)

Eurostat €-indicators release calendar

Issued by: **Eurostat Press Office**

Baiba GRANDOVSKA

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

 [EurostatStatistics](https://www.facebook.com/EurostatStatistics)

 ec.europa.eu/eurostat/

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

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

Industrial production
% change compared with previous month*

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
EA19						
Total industry	-0.8	1.2	-0.7	0.1	-1.7	-0.9
Intermediate goods	-0.8	0.4	-0.4	0.1	-1.2	0.0
Energy	0.7	1.5	-2.0	-1.0	0.2	-0.4
Capital goods	0.7	1.9	-0.5	0.4	-2.7	-1.5
Durable consumer goods	-1.6	0.8	-0.2	0.5	-1.8	0.7
Non-durable consumer goods	-1.2	2.1	-1.5	0.0	-0.4	-1.5
EU28						
Total industry	-0.7	0.9	-0.5	0.1	-1.2	-0.5
Intermediate goods	-0.7	0.3	-0.3	0.3	-1.1	0.0
Energy	1.2	0.6	-1.1	-1.1	-0.1	0.4
Capital goods	0.4	1.8	-0.8	0.4	-2.0	-1.2
Durable consumer goods	-0.8	0.1	-0.6	0.7	-1.2	0.1
Non-durable consumer goods	-1.4	1.4	-1.1	0.0	-0.2	-0.2

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

Total industry	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
EA19	-0.8	1.2	-0.7	0.1	-1.7	-0.9
EU28	-0.7	0.9	-0.5	0.1	-1.2	-0.5
Belgium	1.4	3.1	-4.5	0.2	3.8	:
Bulgaria	-1.3	0.1	-0.8	0.6	0.4	-2.3
Czechia	-1.7	0.5	1.0	-1.2	0.9	0.6
Denmark	3.3	-3.1	3.3	0.0	-0.1	11.6
Germany	-1.7	0.6	-0.5	-0.6	-1.4	0.2
Estonia	-0.9	1.5	-0.7	0.8	4.5	-0.1
Ireland	0.4	8.4	2.5	-1.6	-8.9	-13.4
Greece	1.2	1.4	-1.1	-1.2	3.9	-1.1
Spain	-0.1	0.6	-1.0	1.0	-1.9	-1.4
France	0.8	0.1	-1.7	1.4	-1.4	0.8
Croatia	-4.2	0.3	-0.8	0.5	-0.4	-2.9
Italy	-1.9	1.9	-0.4	-0.1	-1.7	-0.8
Cyprus	-3.7	0.2	2.9	0.3	-0.6	c
Latvia	1.7	2.4	-3.3	-0.8	0.9	3.3
Lithuania	-1.6	1.8	-2.2	6.5	-1.3	1.2
Luxembourg	-0.5	1.4	-1.2	2.5	-2.3	3.5**
Hungary	-2.1	4.0	-2.1	2.1	-1.1	2.5
Malta	-5.0	5.5	-1.3	1.1	2.7	-5.2
Netherlands	-0.2	0.7	-0.2	0.4	-0.1	-3.2
Austria	0.0	-0.8	0.0	2.2	-3.0	:
Poland	0.0	0.3	-0.7	1.3	-0.2	-0.3
Portugal	1.4	1.6	-2.7	-0.3	-2.9	1.2
Romania	-1.7	1.9	0.3	-0.3	-0.2	-0.9
Slovenia	0.1	1.4	-2.0	2.0	-0.5	-1.5
Slovakia	-1.3	2.9	-0.4	1.0	-1.0	-0.9
Finland	-1.6	0.3	2.3	-1.5	0.7	1.3
Sweden	-4.1	2.0	0.8	0.8	-0.4	1.8
United Kingdom	0.5	-0.1	-0.5	-0.3	-0.4	-0.5
Norway	-1.9	1.6	-2.3	2.5	-1.5	-1.0
Switzerland	-5.1	-0.6	-0.6	:	:	:

* Calendar and seasonally adjusted

** Estimated by Member State

:

c Confidential

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

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

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
EA19						
Total industry	0.4	1.1	0.6	1.3	-3.0	-4.2
Intermediate goods	0.0	-0.2	-0.4	0.0	-3.1	-4.0
Energy	-1.2	-1.0	-1.4	-2.6	-4.0	-4.2
Capital goods	1.7	1.8	2.2	3.7	-4.4	-5.5
Durable consumer goods	-2.5	-1.0	-2.1	0.4	-3.6	-4.4
Non-durable consumer goods	-0.2	3.6	1.1	0.9	0.9	-1.8
EU28						
Total industry	1.1	1.4	0.9	1.3	-1.9	-2.7
Intermediate goods	0.7	0.5	0.3	0.5	-2.3	-3.2
Energy	0.2	-0.7	-0.9	-1.6	-3.2	-1.5
Capital goods	2.0	2.1	1.9	3.2	-2.9	-4.2
Durable consumer goods	0.4	1.4	-1.2	1.6	-1.4	-2.9
Non-durable consumer goods	0.7	3.1	1.4	1.3	1.2	-0.2

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

Total industry	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
EA19	0.4	1.1	0.6	1.3	-3.0	-4.2
EU28	1.1	1.4	0.9	1.3	-1.9	-2.7
Belgium	-2.3	2.1	-1.2	-0.6	2.6	:
Bulgaria	0.8	1.6	-0.4	1.2	1.2	-3.8
Czechia	6.6	1.9	2.7	3.3	1.5	1.9
Denmark	4.4	-2.5	4.9	4.0	3.0	14.3
Germany	0.9	-0.7	-0.5	0.6	-4.5	-3.9
Estonia	3.8	5.8	2.6	1.7	7.8	5.7
Ireland	-5.7	15.9	9.8	6.1	-8.9	-19.8
Greece	2.1	1.2	2.0	-0.6	4.2	1.1
Spain	0.8	1.0	-0.7	1.2	-3.2	-6.7
France	1.9	1.5	-1.1	-0.4	-2.0	-1.7
Croatia	-0.9	-1.1	-2.6	-2.5	-0.9	-6.6
Italy	-1.3	-0.8	1.4	1.0	-2.6	-5.5
Cyprus	1.6	2.6	8.2	6.9	4.5	c
Latvia	3.5	6.7	-1.3	-1.3	-0.3	4.5
Lithuania	4.4	3.3	-0.2	9.0	3.3	4.8
Luxembourg	-1.0	-2.5	-4.0	2.2	-5.7	-0.7**
Hungary	3.8	4.7	2.2	3.2	3.6	5.8
Malta	-4.0	-1.5	-5.4	1.4	2.6	-2.6
Netherlands	1.1	2.4	1.4	1.0	0.4	-4.2
Austria	3.0	2.1	2.0	4.3	-0.6	:
Poland	7.8	5.0	4.9	5.0	5.3	2.7
Portugal	-0.3	-3.9	-0.5	0.1	-3.1	-0.7
Romania	5.3	4.5	3.9	0.5	3.9	0.3
Slovenia	4.9	5.7	0.4	3.3	1.8	-3.1
Slovakia	5.7	8.1	6.3	6.2	3.3	3.1
Finland	2.4	1.8	6.0	2.8	2.5	3.3
Sweden	-0.3	2.3	2.2	2.5	0.5	2.3
United Kingdom	1.5	1.6	-0.5	-0.4	-1.3	-1.2
Norway	-0.8	2.3	0.6	4.4	2.7	1.2
Switzerland	3.2	1.7	-0.4	:	:	:

* Calendar adjusted

** Estimated by Member State

:

c Confidential

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

Production indices for total industry, calendar and seasonally adjusted
(base year 2015)

	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18	09/18	10/18	11/18	12/18
EA19	107.6	106.7	105.6	106.1	105.5	106.8	106.2	105.4	106.7	106.0	106.1	104.3	103.4
EU28	107.6	106.9	106.1	106.5	105.9	107.1	106.8	106.1	107.1	106.6	106.7	105.4	104.9
Belgium	107.3	108.9	106.4	109.0	108.2	110.2	107.3	108.8	112.2	107.1	107.3	111.4	:
Bulgaria	107.7	107.2	106.0	107.8	106.0	108.7	109.6	108.2	108.3	107.4	108.0	108.4	105.9
Czechia	113.4	113.0	111.4	112.1	110.8	113.4	115.5	113.5	114.1	115.2	113.8	114.8	115.5
Denmark	107.1	107.3	106.3	108.0	107.8	105.4	105.3	108.8	105.4	108.9	108.9	108.8	121.4
Germany	107.3	106.7	105.3	106.8	105.5	107.4	106.7	104.9	105.5	105.0	104.4	102.9	103.1
Estonia	113.6	115.9	113.9	117.6	116.0	115.8	114.3	113.3	115.0	114.2	115.1	120.3	120.2
Ireland	102.5	106.5	96.4	87.7	98.6	103.3	97.3	97.7	105.9	108.6	106.9	97.4	84.3
Greece	109.2	109.4	107.4	110.1	106.8	107.8	107.2	108.5	110.0	108.8	107.5	111.7	110.5
Spain	109.3	105.3	106.6	107.9	105.6	106.3	105.5	105.4	106.0	104.9	106.0	104.0	102.5
France	104.9	102.8	104.0	103.5	103.1	102.9	103.6	104.4	104.5	102.7	104.1	102.6	103.4
Croatia	109.7	107.2	108.9	105.5	104.0	106.4	110.5	105.9	106.2	105.3	105.8	105.4	102.3
Italy	109.8	107.2	106.5	107.6	106.1	106.7	107.0	105.0	107.0	106.6	106.5	104.7	103.9
Cyprus	122.4	120.3	120.1	121.4	122.2	124.3	126.4	121.7	121.9	125.4	125.8	125.0	c
Latvia	115.3	114.2	118.6	114.3	114.6	114.5	115.2	117.2	120.0	116.0	115.1	116.1	119.9
Lithuania	116.2	115.4	112.6	115.8	108.3	116.0	115.5	113.6	115.6	113.1	120.5	118.9	120.3
Luxembourg	105.7	103.7	101.6	102.5	99.4	101.5	101.2	100.7	102.1	100.9	103.4	101.0	104.5*
Hungary	107.1	109.0	109.4	108.7	108.6	110.6	109.5	107.2	111.5	109.2	111.5	110.3	113.1
Malta	98.0	97.7	95.7	96.4	96.1	98.1	98.2	93.3	98.4	97.1	98.2	100.9	95.7
Netherlands	104.7	106.3	104.8	105.3	103.4	104.1	103.8	103.6	104.3	104.1	104.5	104.4	101.1
Austria	111.9	110.7	111.6	111.0	111.1	114.3	112.7	112.7	111.8	111.8	114.3	110.9	:
Poland	113.9	113.2	114.5	114.1	115.0	117.0	117.0	117.0	117.3	116.5	118.0	117.8	117.4
Portugal	104.5	107.4	105.0	109.6	106.4	104.2	106.2	107.7	109.4	106.4	106.1	103.0	104.2
Romania	120.5	116.4	115.6	116.4	119.1	118.6	120.2	118.2	120.5	120.9	120.5	120.3	119.2
Slovenia	124.0	121.0	120.6	121.1	121.0	122.1	121.0	121.1	122.8	120.3	122.7	122.1	120.3
Slovakia	109.8	109.5	110.3	111.0	111.8	113.0	113.5	112.0	115.3	114.8	115.9	114.7	113.7
Finland	111.7	111.9	110.3	112.6	110.6	111.4	113.1	111.3	111.6	114.2	112.5	113.3	114.8
Sweden	109.5	109.5	109.1	109.5	105.6	110.0	110.8	106.3	108.4	109.3	110.2	109.8	111.8
United Kingdom	103.3	104.0	104.0	104.0	103.6	102.9	103.7	104.2	104.1	103.6	103.3	102.9	102.4
Norway	99.1	102.1	101.9	101.1	99.9	99.2	103.7	101.7	103.3	100.9	103.4	101.8	100.8
Switzerland	112.5	110.8	111.4	111.0	110.1	110.9	115.7	109.8	109.1	108.4	:	:	:

* Estimated by Member State

: Data not available

c Confidential

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

Production indices for total industry, calendar adjusted
(base year 2015)

	12/15	12/16	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18	09/18	10/18	11/18	12/18
EA19	95.5	98.0	102.9	103.1	102.4	113.1	104.3	106.3	108.8	107.0	90.3	110.7	113.2	110.1	98.6
EU28	96.0	99.3	103.9	103.7	103.0	113.7	104.9	106.8	109.2	105.6	93.1	110.7	113.2	111.0	101.1
Belgium	97.8	107.9	105.4	105.7	103.0	118.1	108.1	108.6	112.8	101.9	103.9	111.5	112.0	112.3	:
Bulgaria	104.9	111.0	113.6	102.4	99.5	110.5	101.3	104.4	112.5	111.6	104.8	106.5	111.0	114.5	109.3
Czechia	92.1	95.8	105.7	108.8	108.1	120.9	111.1	115.8	121.0	102.0	105.1	118.8	120.6	123.5	107.7
Denmark	95.6	104.9	103.3	108.3	103.3	112.7	103.7	104.5	106.8	94.9	102.6	113.1	118.6	118.6	118.1
Germany	94.4	94.6	101.3	99.1	101.4	115.0	104.4	105.5	109.5	105.5	98.7	109.9	108.2	109.6	97.3
Estonia	93.1	101.2	108.0	111.3	106.9	124.7	116.8	120.9	114.5	102.9	113.0	117.9	123.4	125.4	114.2
Ireland	103.9	101.9	101.4	126.9	83.7	71.1	98.5	91.4	82.2	96.4	86.8	123.9	139.4	111.0	81.3
Greece	101.6	104.2	105.8	100.4	105.3	111.9	105.7	109.9	114.4	120.3	106.4	111.1	104.5	108.5	107.0
Spain	93.2	95.4	102.2	102.3	105.7	115.7	102.7	111.5	109.0	110.4	84.2	106.9	112.4	108.8	95.4
France	100.0	101.4	105.6	104.7	104.2	114.2	104.0	98.0	108.3	102.4	79.9	104.7	110.4	106.2	103.8
Croatia	99.9	114.9	112.2	96.7	102.7	110.4	102.7	110.0	109.3	109.2	94.2	106.8	111.9	112.6	104.8
Italy	87.5	93.6	98.7	100.7	106.4	117.7	103.5	114.5	112.2	118.2	71.5	113.0	116.0	109.8	93.3
Cyprus	102.1	114.8	122.8	111.8	110.4	120.6	118.3	129.1	136.6	142.8	108.0	131.2	127.8	120.8	c
Latvia	99.4	110.8	116.9	96.3	102.4	114.0	114.7	117.1	117.4	118.7	125.8	118.1	124.3	121.8	122.2
Lithuania	102.1	107.3	114.6	111.8	107.3	117.9	102.6	115.6	116.1	112.0	115.4	113.7	127.4	124.0	120.1
Luxembourg	94.5	98.1	103.7	100.0	99.0	111.3	100.2	101.7	102.7	100.3	88.8	102.5	109.1	104.0	103.0*
Hungary	92.7	94.0	98.9	104.5	107.1	114.9	108.0	113.4	114.3	103.6	100.8	116.0	118.1	117.2	104.6
Malta	84.4	84.7	84.3	94.0	91.3	102.5	96.9	101.7	102.7	96.2	92.7	102.0	102.2	102.4	82.1
Netherlands	99.5	105.5	106.4	104.5	101.0	111.0	101.8	104.0	106.0	99.7	95.3	105.4	108.6	109.9	101.9
Austria	98.5	105.2	113.0	96.8	104.9	120.4	110.6	112.8	116.1	113.3	100.3	117.9	120.1	119.0	:
Poland	98.8	103.0	110.9	108.1	109.6	121.2	114.1	115.4	118.1	112.8	111.9	121.1	126.5	122.2	113.9
Portugal	90.8	95.5	94.9	108.4	104.4	114.3	105.6	109.0	109.8	114.0	91.6	108.0	107.2	105.5	94.2
Romania	96.9	101.4	115.8	112.2	110.8	122.6	115.1	122.1	120.8	119.1	108.5	121.2	121.9	126.5	116.2
Slovenia	90.6	101.2	113.8	115.4	117.0	131.9	119.1	126.0	126.5	121.3	104.7	126.6	130.0	127.4	110.3
Slovakia	93.5	98.7	99.3	105.7	109.8	117.7	108.8	116.2	116.8	97.9	111.1	118.0	126.7	124.9	102.4
Finland	104.9	108.0	117.4	106.7	102.0	119.2	108.5	112.2	119.0	99.0	105.3	118.3	117.8	117.4	121.3
Sweden	101.7	102.1	110.8	106.1	107.4	120.9	107.7	112.0	116.9	85.6	93.5	112.7	117.4	117.5	113.4
United Kingdom	97.4	104.5	105.0	103.0	102.0	112.0	103.4	103.1	103.9	101.0	97.9	104.6	105.5	106.5	103.7
Norway	101.5	100.1	100.5	109.4	101.2	106.6	97.9	98.6	99.5	90.3	101.8	98.0	108.9	106.7	101.7
Switzerland	102.2	104.0	117.3	103.4	106.1	118.8	105.6	113.3	116.5	105.2	94.8	109.0	:	:	:

* Estimated by Member State

: Data not available

c Confidential

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