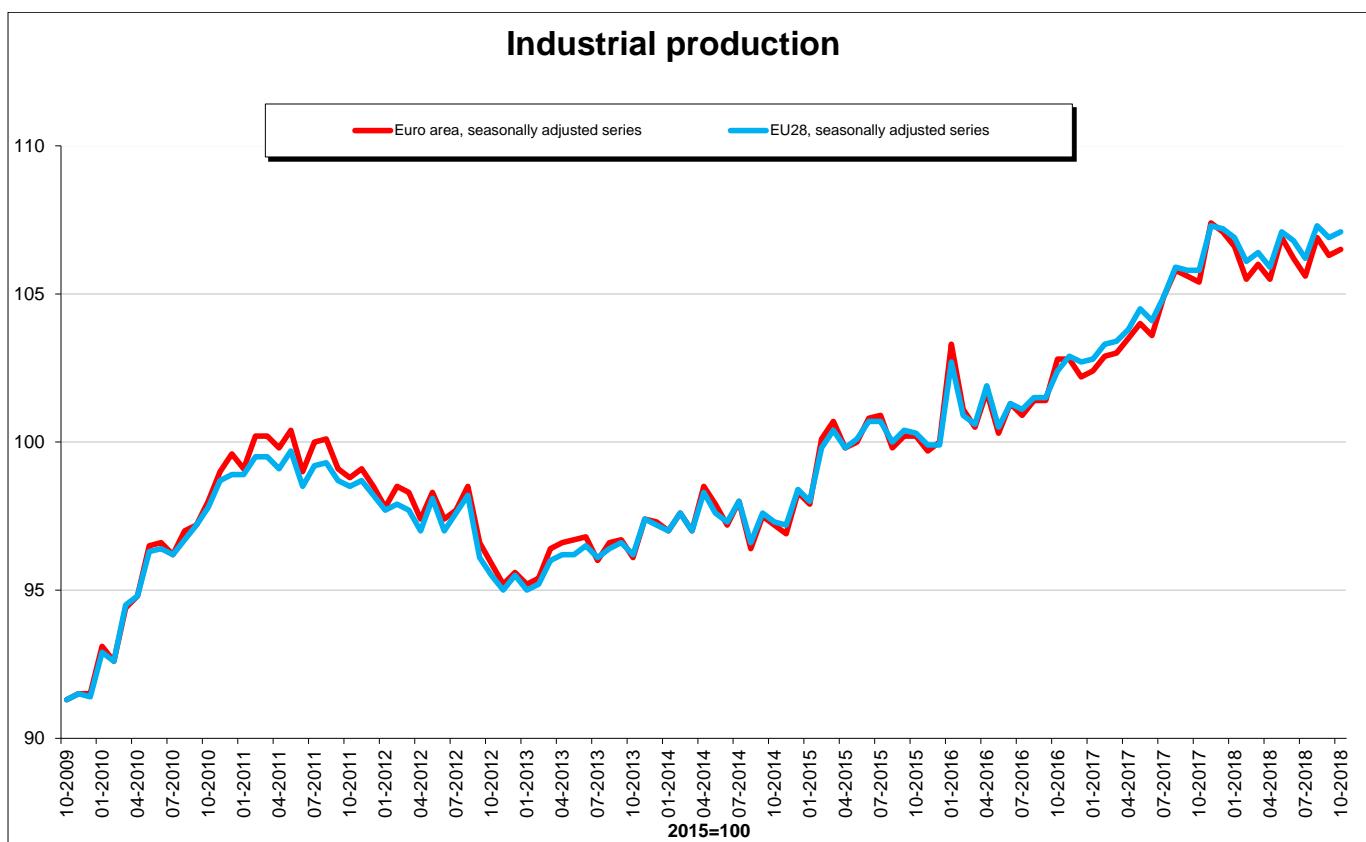


190/2018 - 12 December 2018

October 2018 compared with September 2018**Industrial production up by 0.2% in both euro area and EU28**

In October 2018 compared with September 2018, seasonally adjusted industrial production rose by 0.2% in both the **euro area** (EA19) and the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In September 2018, industrial production fell by 0.6% in the **euro area** and by 0.4% in the **EU28**.

In October 2018 compared with October 2017, industrial production increased by 1.2% 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 October 2018, compared with September 2018, production of capital goods rose by 1.0%, durable consumer goods by 0.4% and intermediate goods by 0.2%, while production of non-durable consumer goods remained stable and the production of energy fell by 1.7%.

In the **EU28**, production of capital goods rose by 0.8%, durable consumer goods by 0.6%, and intermediate goods and non-durable consumer goods by 0.3%, while production of energy fell by 1.4%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Lithuania** (+7.4%), **Slovenia** (+2.5%), **Hungary** and **Sweden** (both +2.1%). The largest decreases were observed in **Finland** (-2.6%), **Greece** (-1.5%), **Latvia** (-1.2%) and **Czechia** (-1.1%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in October 2018, compared with October 2017, production of capital goods rose by 3.7% and non-durable consumer goods by 1.2%, while production of durable consumer goods remained stable. The production of intermediate goods fell by 0.4% and energy by 3.1%.

In the **EU28**, production of capital goods rose by 3.3%, non-durable consumer goods by 1.5%, durable consumer goods by 1.2% and intermediate goods by 0.1%, while production of energy fell by 1.7%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Lithuania** (+9.2%), **Ireland** (+6.1%) and **Poland** (+5.0%). The largest decreases were observed in **Croatia** (-2.4%), **Latvia** (-1.9%) and **Greece** (-1.0%).

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 175/2018 of 14 November 2018, the monthly percentage change for September 2018 has been revised from -0.3 to -0.6% in the euro area and from -0.2% to -0.4% in the EU28. The annual percentage change has been revised from +0.9% to +0.8% in the euro area and from +1.1% to +1.0% 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

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Industrial production
% change compared with previous month*

	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
EA19						
Total industry	1.3	-0.7	-0.6	1.2	-0.6	0.2
Intermediate goods	1.3	-0.4	-0.8	0.5	-0.3	0.2
Energy	-0.1	0.5	0.7	1.7	-1.9	-1.7
Capital goods	0.7	-2.1	1.3	2.0	-0.3	1.0
Durable consumer goods	1.5	-0.2	-1.6	0.8	0.0	0.4
Non-durable consumer goods	2.5	-0.9	-1.0	2.1	-1.6	0.0
EU28						
Total industry	1.1	-0.3	-0.6	1.0	-0.4	0.2
Intermediate goods	1.3	-0.2	-0.6	0.3	-0.2	0.3
Energy	-0.7	0.5	1.1	0.7	-0.8	-1.4
Capital goods	0.7	-1.5	0.7	1.9	-0.4	0.8
Durable consumer goods	1.8	-0.5	-0.8	0.1	-0.2	0.6
Non-durable consumer goods	2.3	-0.3	-1.2	1.5	-1.2	0.3

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

Total industry	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
EA19	1.3	-0.7	-0.6	1.2	-0.6	0.2
EU28	1.1	-0.3	-0.6	1.0	-0.4	0.2
Belgium	1.8	-2.7	1.4	3.2	-4.6	:
Bulgaria	2.5	0.8	-1.3	0.1	-0.8	0.8
Czechia	2.3	1.9	-1.6	0.5	1.0	-1.1
Denmark	-2.1	0.0	3.3	-2.9	3.4	-0.3
Germany	1.7	-0.6	-1.4	0.7	-0.4	-0.6
Estonia	-0.2	-1.2	-1.0	1.6	-0.9	0.8
Ireland	4.9	-5.7	0.6	8.6	2.8	0.1
Greece	0.8	-0.6	1.2	1.3	-1.1	-1.5
Spain	0.9	-0.7	0.0	0.7	-0.8	1.2
France	-0.2	0.7	0.9	0.0	-1.6	1.2
Croatia	2.1	3.7	-3.7	0.3	-1.5	1.3
Italy	0.7	0.3	-1.6	1.7	-0.1	0.1
Cyprus	1.8	1.7	-3.6	-0.2	2.4	c
Latvia	-0.2	0.5	1.6	2.2	-3.5	-1.2
Lithuania	11.5	-1.0	0.7	1.3	-3.3	7.4
Luxembourg	2.0	-1.8	-0.5	1.0	-1.0	0.5**
Hungary	1.8	-1.1	-2.0	3.9	-2.1	2.1
Malta	2.2	-0.2	-4.9	5.7	-1.1	0.6
Netherlands	0.7	-0.3	-0.2	0.7	-0.2	0.7
Austria	3.1	-1.6	-0.1	-0.8	-1.0	:
Poland	1.7	0.0	0.0	0.3	-0.7	1.3
Portugal	-2.1	1.9	1.4	1.6	-2.7	-0.8
Romania	-0.4	1.3	-1.7	1.9	0.3	0.1
Slovenia	0.9	-0.7	0.1	1.4	-2.0	2.5
Slovakia	0.4	-0.1	-0.7	0.7	-0.2	:
Finland	0.5	1.5	-1.7	0.2	2.3	-2.6
Sweden	4.9	0.5	-4.7	2.3	1.0	2.1
United Kingdom	-0.6	0.9	0.5	-0.1	0.0	-0.6
Norway	-0.8	4.6	-1.9	1.7	-2.0	2.3
Switzerland	0.7	4.3	-5.1	-0.6	-0.6	:

* Calendar and seasonally adjusted

** Estimated by Member State

: Data not available

c Confidential

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

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

	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
EA19						
Total industry	2.9	2.5	0.5	1.2	0.8	1.2
Intermediate goods	2.7	2.0	0.1	-0.2	-0.4	-0.4
Energy	-1.5	-2.7	-1.2	-0.7	-1.0	-3.1
Capital goods	4.2	4.9	1.8	1.9	2.2	3.7
Durable consumer goods	-0.2	1.1	-2.5	-1.0	-2.3	0.0
Non-durable consumer goods	3.5	2.3	0.1	3.9	1.3	1.2
EU28						
Total industry	2.6	2.6	1.1	1.4	1.0	1.3
Intermediate goods	2.6	2.4	0.7	0.5	0.1	0.1
Energy	-1.4	-2.3	-0.1	-0.8	-0.5	-1.7
Capital goods	4.0	4.7	2.2	2.2	2.1	3.3
Durable consumer goods	1.8	2.0	0.0	0.9	-1.4	1.2
Non-durable consumer goods	3.0	2.7	0.8	3.3	1.6	1.5

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

Total industry	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
EA19	2.9	2.5	0.5	1.2	0.8	1.2
EU28	2.6	2.6	1.1	1.4	1.0	1.3
Belgium	3.6	-1.2	-2.3	2.1	-1.2	:
Bulgaria	0.5	3.6	0.8	1.6	-0.4	1.5
Czechia	0.8	6.5	6.6	1.9	2.7	3.3
Denmark	-2.8	-0.9	4.4	-2.3	5.2	3.8
Germany	3.5	3.4	1.2	-0.2	0.0	1.0
Estonia	3.3	2.0	3.8	5.8	2.6	1.7
Ireland	10.7	9.2	-5.7	15.9	9.8	6.1
Greece	1.9	1.2	2.1	1.2	2.0	-1.0
Spain	1.5	0.4	0.8	1.0	-0.8	1.0
France	-0.5	1.7	1.9	1.5	-1.1	-0.6
Croatia	-0.6	3.1	-0.8	-1.1	-2.6	-2.4
Italy	2.2	1.4	-1.3	-0.8	1.4	1.0
Cyprus	8.3	11.2	1.6	1.8	6.4	c
Latvia	-0.9	0.4	3.5	6.7	-1.3	-1.9
Lithuania	5.2	5.4	4.2	3.0	-0.4	9.2
Luxembourg	4.2	0.3	0.1	-0.8	-2.6	0.8**
Hungary	3.8	3.1	3.8	4.6	2.2	3.2
Malta	-2.2	2.5	-4.4	-1.6	-5.1	0.8
Netherlands	2.5	1.2	1.1	2.4	1.4	0.7
Austria	7.2	4.3	3.0	2.0	0.3	:
Poland	7.6	6.7	7.8	5.0	4.9	5.0
Portugal	-2.6	-0.2	-0.3	-3.9	-0.2	-0.5
Romania	3.4	6.2	5.3	4.5	3.9	0.4
Slovenia	6.6	6.1	5.3	6.0	0.5	3.9
Slovakia	2.6	2.0	2.2	2.1	0.5	:
Finland	2.8	6.0	2.4	1.9	6.1	0.8
Sweden	5.0	5.1	-0.3	1.9	2.0	4.5
United Kingdom	0.3	0.7	0.8	1.1	-0.1	-0.8
Norway	-1.6	2.9	-0.7	2.3	0.7	4.4
Switzerland	8.1	10.6	3.2	1.7	-0.4	:

* Calendar adjusted

** Estimated by Member State

: Data not available

c Confidential

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

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

	10/17	11/17	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18	09/18	10/18
EA19	105.4	107.4	107.1	106.6	105.5	106.0	105.5	106.9	106.2	105.6	106.9	106.3	106.5
EU28	105.8	107.3	107.2	106.9	106.1	106.4	105.9	107.1	106.8	106.2	107.3	106.9	107.1
Belgium	107.5	109.0	107.4	109.0	106.5	109.1	108.2	110.2	107.2	108.7	112.2	107.0	:
Bulgaria	106.5	106.7	107.7	107.2	106.0	107.8	106.0	108.7	109.6	108.2	108.3	107.4	108.3
Czechia	110.2	113.0	113.4	113.0	111.4	112.1	110.9	113.4	115.5	113.6	114.2	115.3	114.0
Denmark	104.9	106.0	107.4	107.6	106.4	107.7	107.8	105.5	105.5	109.0	105.8	109.4	109.1
Germany	103.9	107.5	107.1	106.6	105.2	106.8	105.6	107.4	106.8	105.3	106.0	105.6	105.0
Estonia	112.9	112.0	114.0	116.1	114.0	117.6	115.9	115.7	114.3	113.1	114.9	113.9	114.8
Ireland	103.8	108.5	99.3	106.9	96.7	87.6	98.6	103.4	97.5	98.1	106.5	109.5	109.6
Greece	108.0	107.8	109.5	109.5	107.4	110.1	106.8	107.7	107.0	108.3	109.7	108.5	106.9
Spain	105.9	107.0	108.2	105.1	106.4	107.6	105.6	106.5	105.8	105.8	106.5	105.6	106.9
France	104.8	104.6	104.9	102.7	104.0	103.4	103.1	102.9	103.6	104.5	104.5	102.8	104.0
Croatia	109.2	107.1	108.6	106.7	108.4	105.4	104.2	106.4	110.3	106.2	106.5	104.9	106.3
Italy	106.1	106.8	108.9	107.0	106.4	107.5	106.2	106.9	107.2	105.5	107.3	107.2	107.3
Cyprus	118.8	119.9	121.7	120.0	119.7	121.0	121.9	124.1	126.2	121.6	121.3	124.2	c
Latvia	115.2	115.3	116.5	114.6	118.9	114.5	114.6	114.4	115.0	116.8	119.4	115.2	113.8
Lithuania	111.6	115.8	116.2	115.1	110.5	112.8	103.6	115.5	114.4	115.2	116.7	112.9	121.2
Luxembourg	102.3	107.3	107.0	105.5	105.0	106.1	103.2	105.3	103.4	102.9	103.9	102.9	103.4*
Hungary	107.9	105.9	107.5	108.9	109.4	108.7	108.6	110.6	109.4	107.2	111.4	109.1	111.4
Malta	97.0	99.6	97.3	97.5	95.8	96.1	95.9	98.0	97.8	93.0	98.3	97.2	97.8
Netherlands	104.2	104.6	104.7	106.3	104.8	105.3	103.4	104.1	103.8	103.6	104.3	104.1	104.8
Austria	109.9	111.3	111.9	110.6	111.7	111.1	111.0	114.4	112.6	112.5	111.6	110.5	:
Poland	112.4	111.9	113.9	113.2	114.5	114.1	115.0	117.0	117.0	117.0	117.3	116.5	118.0
Portugal	106.0	106.4	104.5	107.4	105.0	109.6	106.4	104.2	106.2	107.7	109.4	106.5	105.6
Romania	114.4	115.5	120.5	116.4	115.6	116.4	119.1	118.6	120.2	118.2	120.5	120.9	121.0
Slovenia	119.1	120.1	123.4	121.2	120.8	121.2	121.3	122.4	121.5	121.6	123.3	120.8	123.8
Slovakia	109.3	109.1	107.7	107.7	107.1	107.5	108.1	108.5	108.4	107.6	108.4	108.2	:
Finland	109.1	110.1	112.2	112.0	110.3	112.6	110.5	111.1	112.8	110.9	111.1	113.7	110.8
Sweden	106.9	109.1	110.0	109.5	109.1	109.6	105.3	110.5	111.1	105.9	108.3	109.4	111.7
United Kingdom	104.2	104.3	103.3	104.1	104.2	104.0	103.3	102.7	103.6	104.1	104.0	104.0	103.4
Norway	99.1	99.4	99.1	102.2	101.9	101.0	99.8	99.0	103.6	101.6	103.3	101.2	103.5
Switzerland	105.1	108.8	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)

	10/15	10/16	10/17	11/17	12/17	01/18	02/18	03/18	04/18	05/18	06/18	07/18	08/18	09/18	10/18
EA19	105.7	108.7	111.8	113.5	102.9	103.1	102.4	113.1	104.3	106.3	108.8	107.1	90.4	110.8	113.1
EU28	105.8	108.1	111.7	113.2	103.9	103.6	103.0	113.7	104.8	106.7	109.1	105.6	93.1	110.8	113.1
Belgium	107.1	108.8	112.7	109.5	105.4	105.7	103.0	118.1	108.1	108.6	112.8	101.9	103.9	111.5	:
Bulgaria	103.9	106.7	109.7	113.1	113.6	102.4	99.5	110.5	101.3	104.4	112.5	111.6	104.8	106.5	111.4
Czechia	109.2	111.7	116.7	121.7	105.7	108.8	108.1	120.9	111.1	115.8	121.0	102.0	105.1	118.8	120.6
Denmark	106.0	117.2	114.0	115.2	103.4	108.3	103.3	112.6	103.7	104.5	106.8	94.9	102.7	113.4	118.3
Germany	103.8	105.6	107.6	114.8	101.3	99.1	101.4	115.0	104.4	105.5	109.5	105.9	99.2	110.4	108.7
Estonia	108.6	115.1	121.3	116.3	108.0	111.3	106.9	124.7	116.8	120.9	114.5	102.9	113.0	117.9	123.4
Ireland	104.5	136.1	131.4	121.9	101.4	126.9	83.7	71.1	98.5	91.4	82.2	96.4	86.8	123.9	139.4
Greece	96.5	103.3	105.1	104.1	105.8	100.4	105.3	111.9	105.7	109.9	114.4	120.3	106.4	111.1	104.1
Spain	106.3	106.5	111.1	112.4	102.1	102.3	105.7	115.7	102.7	111.5	109.0	110.4	84.2	106.8	112.2
France	106.7	105.0	110.8	108.4	105.6	104.6	104.2	114.2	104.0	98.0	108.3	102.4	79.9	104.7	110.1
Croatia	108.1	110.0	114.7	113.6	111.9	96.5	102.6	110.3	102.6	110.0	109.2	109.1	94.1	106.7	112.0
Italy	108.7	111.4	114.8	112.7	98.7	100.7	106.4	117.8	103.5	114.5	112.2	118.2	71.5	113.0	116.0
Cyprus	102.3	113.1	119.5	115.6	122.8	111.7	110.2	120.4	118.3	129.1	136.6	142.8	107.2	129.1	c
Latvia	111.5	119.3	126.0	122.2	116.9	96.3	102.4	114.0	114.7	117.0	117.4	118.7	125.8	118.2	123.6
Lithuania	109.4	111.2	116.9	120.0	114.6	110.7	106.9	117.5	101.9	114.4	115.6	111.8	115.0	113.4	127.6
Luxembourg	107.0	105.5	107.6	110.2	103.6	101.3	103.0	115.6	104.9	106.3	104.9	102.6	90.3	104.5	108.5*
Hungary	108.2	105.8	114.3	113.1	98.9	104.3	107.0	114.8	107.9	113.4	114.2	103.6	100.7	116.0	118.0
Malta	106.7	98.9	100.8	99.8	84.3	94.0	91.3	102.6	96.7	101.4	102.3	95.8	92.6	102.3	101.6
Netherlands	104.8	103.3	107.5	109.5	106.4	104.5	101.0	111.0	101.8	104.0	106.0	99.7	95.3	105.4	108.3
Austria	106.0	109.1	115.2	119.7	113.0	96.8	104.9	120.4	110.6	112.8	116.1	113.3	100.2	116.0	:
Poland	108.9	109.6	120.5	116.1	110.9	108.1	109.6	121.2	114.1	115.4	118.1	112.8	111.9	121.1	126.5
Portugal	105.6	102.4	107.1	108.9	94.9	108.4	104.4	114.3	105.6	109.0	109.8	114.0	91.6	108.3	106.6
Romania	108.5	111.6	121.3	121.7	115.8	112.2	110.8	122.6	115.1	122.1	120.8	119.1	108.5	121.2	121.8
Slovenia	105.7	114.1	125.9	125.1	113.8	115.9	117.4	132.2	119.4	126.3	126.9	121.6	105.0	126.8	130.8
Slovakia	109.9	111.6	118.2	119.1	97.5	105.7	106.7	114.2	105.8	112.1	111.3	94.3	102.7	110.0	:
Finland	106.0	113.2	114.6	114.4	117.4	106.7	102.0	119.2	108.4	112.0	118.9	99.0	105.3	118.4	115.5
Sweden	110.1	108.5	114.6	117.0	110.8	106.1	107.4	121.0	107.4	112.4	116.9	85.5	93.2	112.5	119.7
United Kingdom	103.4	102.4	106.0	107.9	105.1	102.8	101.9	111.8	102.9	102.7	103.6	100.4	97.5	104.9	105.2
Norway	105.7	106.4	104.3	103.9	100.5	109.4	101.2	106.5	98.0	98.6	99.6	90.3	101.8	98.0	108.9
Switzerland	111.0	107.8	114.8	119.2	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](#).