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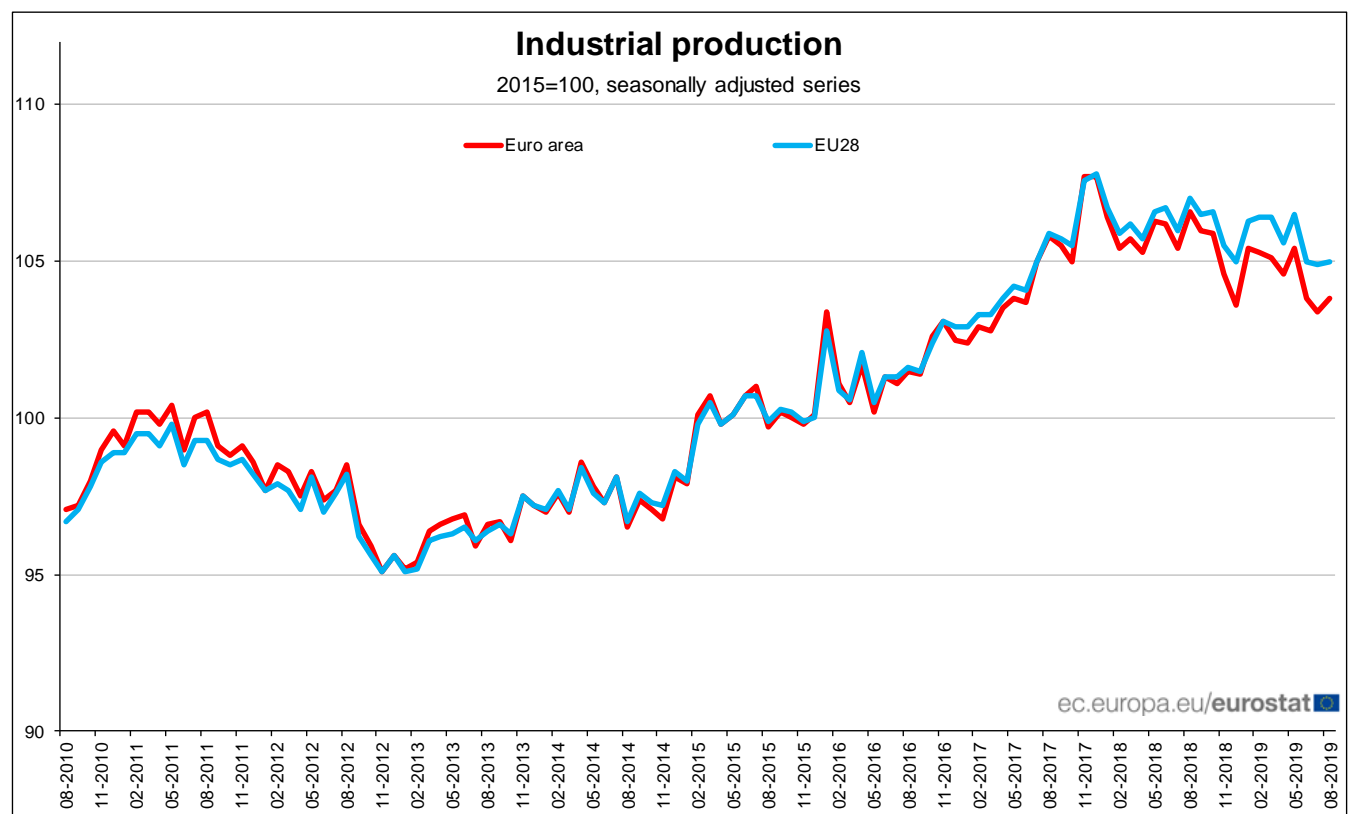
August 2019 compared with July 2019

Industrial production up by 0.4% in euro area

Up by 0.1% in EU28

In August 2019 compared with July 2019, seasonally adjusted industrial production rose by 0.4% in the **euro area** (EA19) and by 0.1% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In July 2019, industrial production fell by 0.4% in the **euro area** and by 0.1% in the **EU28**.

In August 2019 compared with August 2018, industrial production decreased by 2.8% in the **euro area** and by 2.0% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in August 2019, compared with July 2019, production of capital goods rose by 1.2% and intermediate goods by 0.3%, while production of non-durable consumer goods fell by 0.3%, and durable consumer goods and energy by 0.4%.

In the **EU28**, production of capital goods rose by 0.8% and intermediate goods by 0.2%, while production of durable consumer goods fell by 0.5%, and energy and non-durable consumer goods by 0.6%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Malta** (+5.6%), **Estonia** (+3.9%) and **Latvia** (+3.0%). The largest decreases were observed in **Croatia** (-3.0%), **Slovakia** (-2.6%) and **Lithuania** (-2.4%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in August 2019, compared with August 2018, production of non-durable consumer goods fell by 2.0%, capital goods by 2.9%, intermediate goods by 3.1% and energy by 3.3%, while production of durable consumer goods rose by 0.4%.

In the **EU28**, production of non-durable consumer goods fell by 0.4%, intermediate goods by 2.3%, capital goods by 2.6% and energy by 3.0%, while production of durable consumer goods rose by 0.8%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Slovakia** (-8.1%), **Ireland** (-6.2%) and **Romania** (-6.1%). The highest increases were observed in **Malta** (+7.4%), **Denmark** (+6.6%) and **Finland** (+4.5%).

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 138/2019 of 12 September 2019, the monthly percentage change for July 2019 remains unchanged at -0.4% in the euro area and at -0.1% in the EU28. The annual percentage change has been revised from -2.0% to -2.1% in the euro area and remains unchanged at -1.2% 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*

	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
EA19						
Total industry	-0.2	-0.5	0.8	-1.5	-0.4	0.4
Intermediate goods	-0.1	-0.9	-0.2	-1.3	-0.2	0.3
Energy	-0.8	1.8	0.4	-0.9	0.0	-0.4
Capital goods	0.8	-2.0	1.0	-3.7	2.1	1.2
Durable consumer goods	0.4	-1.8	2.5	-1.3	1.3	-0.4
Non-durable consumer goods	-1.3	0.7	2.5	-1.7	-1.6	-0.3
EU28						
Total industry	0.0	-0.8	0.9	-1.4	-0.1	0.1
Intermediate goods	-0.1	-0.9	-0.3	-1.3	0.1	0.2
Energy	-0.5	1.1	1.2	-0.6	-0.7	-0.6
Capital goods	0.8	-2.3	1.5	-3.3	1.6	0.8
Durable consumer goods	0.2	-1.2	1.9	-1.6	1.3	-0.5
Non-durable consumer goods	-0.2	0.0	1.4	-1.3	-0.6	-0.6

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

Total industry	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
EA19	-0.2	-0.5	0.8	-1.5	-0.4	0.4
EU28	0.0	-0.8	0.9	-1.4	-0.1	0.1
Belgium	-1.7	3.4	-1.3	4.2	-6.7	:
Bulgaria	-0.8	-1.5	-0.4	-1.8	0.7	0.0
Czechia	0.0	0.9	1.3	-2.8	0.7	-0.1
Denmark	3.3	-0.5	4.6	-7.0	4.2	-1.1
Germany	0.7	-2.3	0.7	-1.5	-0.6	0.6
Estonia	0.3	-1.2	0.4	-5.2	-3.1	3.9
Ireland	1.8	3.6	3.0	-9.7	1.6	1.1
Greece	-1.3	1.0	-1.1	0.9	-1.6	0.8
Spain	-1.1	1.7	0.3	-0.2	-0.4	1.1
France	-1.3	0.5	2.0	-2.4	0.2	-0.8
Croatia	-0.2	-0.3	-1.1	-1.1	2.9	-3.0
Italy	-1.0	-0.8	1.0	-0.3	-0.8	0.3
Cyprus	0.6	-1.1	0.3	2.0	-1.5	c
Latvia	0.6	-1.7	2.4	1.5	-2.0	3.0
Lithuania	3.8	-0.8	-0.3	2.3	0.5	-2.4
Luxembourg	-0.6	2.3	-0.9	-1.5	-0.5	0.9**
Hungary	1.0	-1.4	1.4	-1.9	1.7	-1.2
Malta	-2.7	3.6	0.9	2.4	-0.8	5.6
Netherlands	-0.9	-1.0	0.5	-1.1	0.2	0.9
Austria	-0.5	-3.1	-0.8	0.3	-0.1	:
Poland	0.5	0.0	-0.2	-2.0	0.7	-1.2
Portugal	-0.3	2.5	0.1	-4.6	4.7	-1.0
Romania	0.4	0.7	-2.1	-1.8	-1.8	0.2
Slovenia	-0.3	1.4	-0.7	-1.7	2.6	-2.0
Slovakia	0.9	-0.9	0.0	-1.9	0.6	-2.6
Finland	0.0	2.7	-2.5	1.2	1.1	0.3
Sweden	-1.4	0.6	0.5	0.2	1.3	-0.2
United Kingdom	0.9	-3.2	1.1	0.1	0.1	-0.7
Norway	-1.3	0.4	0.5	-1.6	0.6	-2.1
Switzerland	0.1	0.6	1.0	1.6	:	:

* 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*

	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
EA19						
Total industry	-0.7	-0.7	-0.8	-2.4	-2.1	-2.8
Intermediate goods	-0.3	-1.1	-2.4	-3.4	-2.9	-3.1
Energy	-7.7	0.0	0.3	-0.9	-1.3	-3.3
Capital goods	1.1	-2.3	-1.8	-4.0	-3.2	-2.9
Durable consumer goods	-1.3	-1.4	0.1	-1.2	1.8	0.4
Non-durable consumer goods	0.0	2.4	3.4	1.7	0.5	-2.0
EU28						
Total industry	0.3	-0.2	0.0	-1.8	-1.2	-2.0
Intermediate goods	0.9	-0.2	-1.4	-2.9	-2.2	-2.3
Energy	-6.8	-0.6	1.3	0.2	-1.5	-3.0
Capital goods	1.3	-2.3	-0.9	-3.3	-2.3	-2.6
Durable consumer goods	0.2	0.2	1.0	-0.6	2.1	0.8
Non-durable consumer goods	2.1	3.2	3.1	1.5	1.7	-0.4

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

Total industry	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
EA19	-0.7	-0.7	-0.8	-2.4	-2.1	-2.8
EU28	0.3	-0.2	0.0	-1.8	-1.2	-2.0
Belgium	0.6	5.6	2.0	10.1	-0.4	:
Bulgaria	2.8	2.7	0.9	-3.4	-1.0	-1.3
Czechia	0.2	3.6	3.1	-3.4	0.1	-1.1
Denmark	5.7	5.2	12.2	3.7	5.5	6.6
Germany	-2.7	-4.1	-5.0	-5.9	-5.1	-5.0
Estonia	2.0	-0.2	1.3	-3.2	-5.5	-2.4
Ireland	22.4	7.0	9.8	-6.0	-2.5	-6.2
Greece	-0.5	2.7	0.3	0.2	-1.8	-0.8
Spain	-3.5	1.4	1.3	1.3	0.5	1.8
France	-0.9	1.0	3.7	-0.4	0.0	-1.8
Croatia	3.0	3.0	0.1	-5.5	2.9	-1.7
Italy	-1.7	-1.5	-0.6	-1.2	-0.7	-1.8
Cyprus	5.9	2.3	-0.1	3.3	2.0	c
Latvia	1.6	-2.4	2.0	4.3	-1.3	2.1
Lithuania	5.8	13.8	1.3	2.1	4.4	-0.4
Luxembourg	-2.8	0.3	-1.5	-3.4	-3.5	-3.8**
Hungary	8.2	6.1	6.4	4.1	8.7	2.7
Malta	-4.9	1.8	-2.3	2.2	0.7	7.4
Netherlands	-2.2	-1.7	-1.1	-2.5	-0.8	-0.6
Austria	5.9	1.4	-2.5	-0.4	-0.7	:
Poland	8.0	6.6	5.1	1.9	3.3	0.9
Portugal	-7.0	-1.5	0.1	-5.3	-2.3	-4.6
Romania	1.5	-0.6	-2.1	-3.6	-5.3	-6.1
Slovenia	3.1	4.9	3.0	0.9	4.8	0.8
Slovakia	7.4	6.6	4.5	-2.0	2.8	-8.1
Finland	-1.0	7.2	0.4	2.6	5.0	4.5
Sweden	-0.4	3.6	0.8	1.0	5.6	3.8
United Kingdom	2.0	-2.9	0.0	-1.4	-0.8	-1.8
Norway	-6.5	-4.2	-2.5	-8.6	-5.8	-9.3
Switzerland	4.5	3.9	4.9	5.7	:	:

* 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)

	08/18	09/18	10/18	11/18	12/18	01/19	02/19	03/19	04/19	05/19	06/19	07/19	08/19
EA19	106.6	106.0	105.9	104.6	103.6	105.4	105.3	105.1	104.6	105.4	103.8	103.4	103.8
EU28	107.0	106.5	106.6	105.5	105.0	106.3	106.4	106.4	105.6	106.5	105.0	104.9	105.0
Belgium	112.4	107.2	107.9	112.5	107.7	112.7	111.9	110.0	113.7	112.2	116.9	109.1	:
Bulgaria	108.5	107.7	108.1	108.6	106.4	110.2	112.0	111.1	109.4	109.0	107.0	107.7	107.7
Czechia	113.3	114.3	113.6	115.2	113.7	112.9	113.1	113.1	114.1	115.6	112.4	113.2	113.1
Denmark	105.8	108.4	109.3	109.3	120.4	110.8	109.9	113.5	112.9	118.1	109.8	114.4	113.1
Germany	105.5	105.0	104.2	103.1	103.9	102.8	102.8	103.5	101.1	101.8	100.3	99.7	100.3
Estonia	110.5	111.1	111.2	115.9	115.8	115.8	113.7	114.0	112.6	113.0	107.1	103.8	107.8
Ireland	106.5	108.7	106.9	97.3	84.4	98.9	99.0	100.8	104.4	107.5	97.1	98.7	99.8
Greece	109.0	109.3	107.7	111.8	110.7	111.9	109.7	108.3	109.4	108.2	109.2	107.5	108.4
Spain	106.0	105.1	106.5	104.5	103.3	107.2	106.1	104.9	106.7	107.0	106.8	106.4	107.6
France	104.3	102.7	103.7	102.9	102.9	104.4	104.7	103.3	103.8	105.9	103.4	103.6	102.8
Croatia	106.9	105.6	106.1	105.9	102.7	111.1	108.2	108.0	107.7	106.5	105.3	108.4	105.1
Italy	106.9	106.7	106.5	104.7	104.0	105.9	106.6	105.5	104.7	105.7	105.4	104.6	104.9
Cyprus	124.5	127.3	128.3	127.7	126.2	128.5	128.2	129.0	127.6	128.0	130.6	128.6	c
Latvia	118.7	115.0	114.3	115.1	118.6	114.7	115.8	116.5	114.5	117.2	119.0	116.6	120.1
Lithuania	117.8	114.0	121.2	119.5	121.0	120.3	114.6	118.9	118.0	117.7	120.4	121.0	118.1
Luxembourg	103.0	101.8	104.2	102.2	101.7	101.6	99.9	99.3	101.6	100.7	99.2	98.7	99.6*
Hungary	111.8	109.5	111.3	110.2	114.2	114.1	115.4	116.6	115.0	116.6	114.4	116.3	114.9
Malta	101.8	100.5	103.4	108.4	100.6	101.3	99.8	97.1	100.6	101.5	103.9	103.1	108.9
Netherlands	102.7	102.8	103.2	103.5	100.8	104.4	103.5	102.6	101.6	102.1	101.0	101.2	102.1
Austria	112.3	112.3	114.2	113.1	113.5	115.1	117.3	116.7	113.1	112.2	112.5	112.4	:
Poland	117.3	116.5	117.9	118.0	117.8	120.0	122.0	122.6	122.6	122.4	119.9	120.7	119.2
Portugal	109.4	106.7	106.5	103.1	103.1	104.6	103.0	102.7	105.3	105.4	100.5	105.2	104.1
Romania	120.5	120.9	120.5	120.3	119.2	116.8	117.7	118.2	119.0	116.5	114.4	112.3	112.5
Slovenia	123.4	121.2	123.6	123.1	120.3	127.4	125.5	125.1	126.9	126.0	123.8	127.0	124.5
Slovakia	115.9	115.3	115.8	115.2	114.7	115.9	115.3	116.3	115.2	115.2	113.0	113.7	110.8
Finland	110.9	113.3	111.7	111.7	113.6	113.5	112.6	112.6	115.6	112.7	114.0	115.3	115.7
Sweden	107.7	108.7	110.7	110.1	111.4	111.5	111.2	109.6	110.3	110.8	111.0	112.4	112.2
United Kingdom	103.5	102.9	102.8	102.7	102.1	103.2	103.5	104.4	101.1	102.2	102.3	102.4	101.7
Norway	103.3	101.0	103.2	101.4	100.7	98.4	96.8	95.5	95.9	96.4	94.9	95.5	93.5
Switzerland	108.9	108.1	114.4	114.9	112.0	114.9	114.8	114.9	115.6	116.7	118.6	:	:

* 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)

	08/16	08/17	08/18	09/18	10/18	11/18	12/18	01/19	02/19	03/19	04/19	05/19	06/19	07/19	08/19
EA19	85.7	89.4	90.2	110.6	113.0	110.2	99.0	102.3	102.2	112.3	103.4	105.2	105.9	104.5	87.7
EU28	88.1	92.0	93.1	110.7	113.2	111.1	101.4	103.5	103.4	114.1	104.5	106.7	107.0	104.2	91.2
Belgium	97.5	101.8	103.9	111.5	112.5	113.6	105.0	109.8	108.4	118.8	114.1	110.8	124.2	101.5	:
Bulgaria	98.9	103.0	105.0	107.0	111.0	115.1	110.3	105.1	106.6	113.9	104.1	105.5	109.1	111.0	103.6
Czechia	97.3	103.6	105.7	117.9	120.9	124.2	105.9	108.8	109.7	121.6	114.7	119.8	117.1	101.7	104.5
Denmark	102.5	105.2	102.5	113.3	118.2	118.6	117.0	111.3	105.7	119.0	109.4	117.2	110.5	100.2	109.3
Germany	94.9	99.4	98.7	109.9	108.3	109.6	98.2	95.7	99.2	111.8	99.8	99.9	102.8	100.0	93.8
Estonia	101.7	103.1	108.2	114.9	119.4	121.1	110.8	111.2	106.6	121.3	113.4	118.4	106.6	93.4	105.6
Ireland	73.9	74.9	86.8	123.9	139.4	111.0	81.5	119.0	82.8	86.8	105.4	100.4	77.3	94.0	81.4
Greece	99.9	105.3	105.2	111.2	105.5	109.4	110.2	103.4	107.4	109.3	108.3	109.3	113.5	119.3	104.4
Spain	80.9	83.3	84.2	107.0	112.3	108.6	95.4	105.6	105.8	111.7	104.2	112.9	110.4	111.0	85.7
France	77.7	79.1	80.0	104.5	109.7	106.5	104.4	107.0	104.0	113.6	104.7	101.2	107.3	101.3	78.6
Croatia	92.1	95.1	94.1	106.9	111.8	112.6	104.9	101.0	103.3	113.7	105.8	110.2	103.3	112.4	92.5
Italy	67.3	72.1	71.2	112.9	115.7	109.6	93.2	99.9	107.5	115.4	101.7	113.6	110.6	117.2	69.9
Cyprus	100.0	104.8	110.5	133.0	129.9	123.8	126.1	120.8	119.4	127.0	121.6	133.6	142.4	148.9	c
Latvia	104.9	117.9	125.9	117.8	124.4	121.8	121.8	95.1	100.1	115.6	112.0	119.4	122.5	117.0	128.5
Lithuania	98.6	111.6	116.0	114.0	127.4	124.0	119.9	117.3	110.6	124.1	116.8	116.9	118.8	117.4	115.5
Luxembourg	85.0	92.3	89.9	103.4	110.4	105.6	98.0	98.4	96.8	108.9	102.2	101.6	100.5	98.1	86.5*
Hungary	90.9	96.3	100.5	116.1	117.4	116.6	105.6	109.7	113.7	124.4	114.4	120.1	118.8	112.3	103.2
Malta	87.4	100.2	98.5	106.5	109.4	111.3	85.6	96.0	94.6	99.5	99.7	104.5	108.4	108.3	105.8
Netherlands	91.5	93.1	94.1	104.0	107.4	108.9	101.9	103.2	99.6	108.0	99.6	102.4	103.3	97.1	93.5
Austria	92.2	98.2	100.3	117.9	120.1	121.7	114.2	101.5	110.9	127.6	112.2	109.9	115.6	112.6	:
Poland	97.8	106.5	111.8	121.3	126.4	122.1	114.2	114.4	117.0	130.6	121.9	121.3	120.4	116.5	112.8
Portugal	87.9	95.3	91.6	108.5	107.6	105.6	93.3	105.5	102.0	106.6	104.3	110.3	104.1	111.5	87.4
Romania	96.5	103.8	108.5	121.2	121.9	126.5	116.2	112.1	112.9	124.4	114.4	119.5	116.5	112.8	101.9
Slovenia	91.3	99.0	104.3	127.3	130.5	128.0	109.6	123.2	122.4	136.6	125.9	130.3	128.6	127.4	105.1
Slovakia	102.0	103.1	110.5	117.3	126.8	124.6	102.9	113.0	115.6	126.3	116.1	121.3	114.4	100.4	101.6
Finland	99.2	102.3	105.2	116.7	117.6	115.9	121.9	108.1	104.0	119.1	114.9	111.7	117.1	103.6	109.9
Sweden	86.2	91.4	92.1	111.6	118.3	118.2	112.8	109.0	110.3	121.0	112.0	112.8	116.7	90.3	95.6
United Kingdom	94.4	97.9	99.0	105.3	106.2	107.0	104.0	102.6	101.7	114.6	100.1	103.7	103.8	101.2	97.2
Norway	93.1	99.5	101.8	98.0	108.9	106.7	101.7	105.7	95.3	99.7	93.9	96.2	90.9	85.1	92.3
Switzerland	86.9	93.1	93.7	108.2	125.6	126.9	115.2	107.4	109.4	124.3	110.3	118.8	121.2	:	:

* Estimated by Member State

: Data not available

c Confidential

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