

174/2019 - 13 November 2019

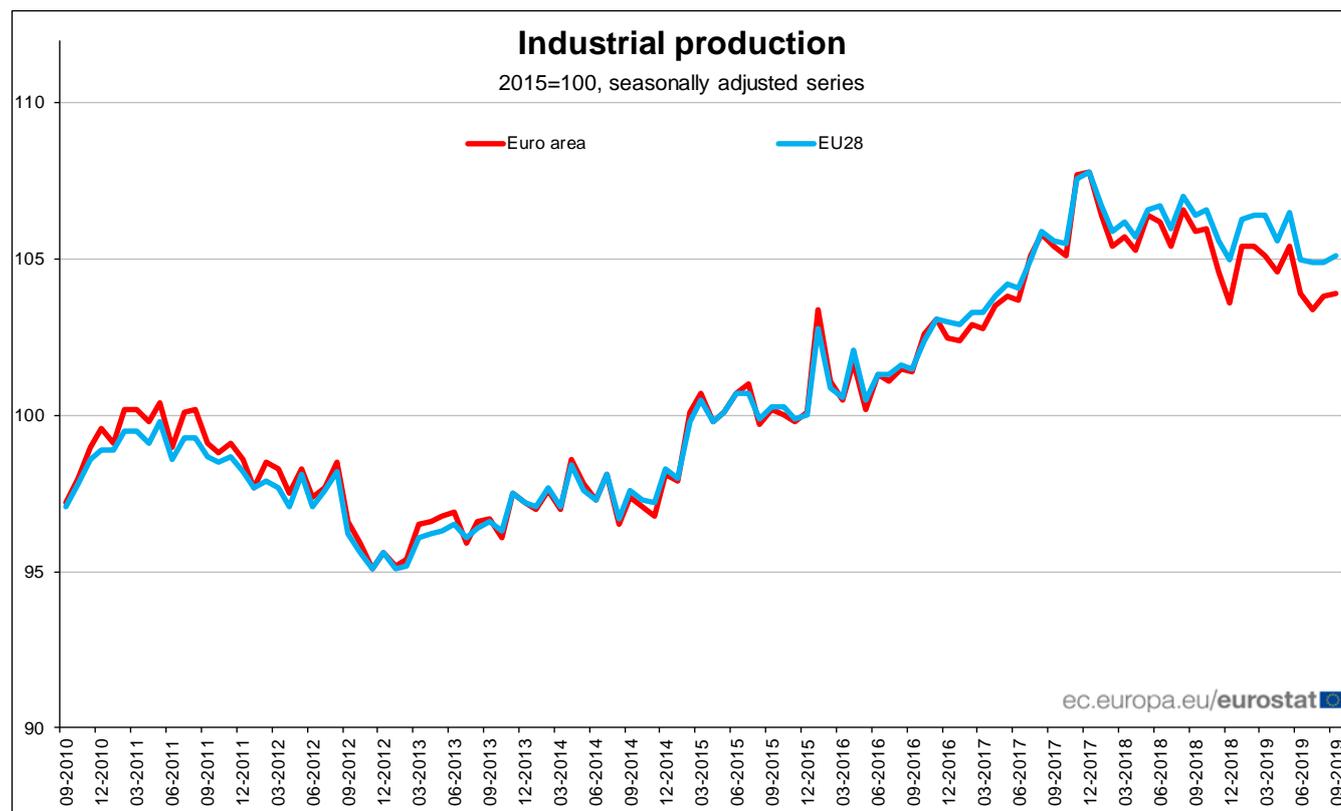
September 2019 compared with August 2019

Industrial production up by 0.1% in euro area

Up by 0.2% in EU28

In September 2019 compared with August 2019, seasonally adjusted industrial production rose by 0.1% in the **euro area** (EA19) and by 0.2% in the **EU28**, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2019, industrial production increased by 0.4% in the **euro area** and remained stable in the **EU28**.

In September 2019 compared with September 2018, industrial production decreased by 1.7% in the **euro area** and by 1.2% in the **EU28**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in September 2019, compared with August 2019, production of non-durable consumer goods rose by 1.0% and capital goods by 0.6%, while production of durable consumer goods fell by 0.7%, energy by 0.8% and intermediate goods by 0.9%.

In the **EU28**, production of non-durable consumer goods rose by 0.9% and capital goods by 0.6%, while production of durable consumer goods fell by 0.1%, energy by 0.4% and intermediate goods by 0.7%.

Among Member States for which data are available, the highest increases in industrial production were registered in **Ireland** (+8.8%), **Hungary** (+3.1%), **Denmark**, **Croatia** and **Lithuania** (all +2.5%). The largest decreases were observed in **Malta** (-3.7%), **Portugal** (-2.3%) and **Estonia** (-1.5%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in September 2019, compared with September 2018, production of intermediate goods fell by 3.9%, energy by 2.6%, capital goods by 1.4% and durable consumer goods by 0.8%, while production of non-durable consumer goods rose by 1.6%.

In the **EU28**, production of intermediate goods fell by 3.3%, energy by 2.8% and capital goods by 1.0%, while production of durable consumer goods rose by 0.7% and non-durable consumer goods by 2.4%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Germany** (-5.3%), **Portugal** (-5.0%) and **Estonia** (-4.8%). The highest increases were observed in **Hungary** (+9.0%), **Lithuania** (+7.8%) and **Latvia** (+7.2%).

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 155/2019 of 14 October 2019, the monthly percentage change for August 2019 remains unchanged at +0.4% in the euro area and has been revised from +0.1% to 0.0% in the EU28. The annual percentage change remains unchanged at -2.8% in the euro area and at -2.0% 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*

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
EA19						
Total industry	-0.5	0.8	-1.4	-0.5	0.4	0.1
Intermediate goods	-0.9	-0.3	-1.2	-0.3	0.1	-0.9
Energy	1.7	0.4	-0.8	-0.2	-0.2	-0.8
Capital goods	-2.0	0.9	-3.8	2.3	1.1	0.6
Durable consumer goods	-1.8	2.5	-1.3	1.1	-0.6	-0.7
Non-durable consumer goods	0.7	2.2	-1.3	-1.7	0.3	1.0
EU28						
Total industry	-0.8	0.9	-1.4	-0.1	0.0	0.2
Intermediate goods	-0.9	-0.3	-1.4	0.1	-0.1	-0.7
Energy	1.1	1.2	-0.5	-0.8	-0.9	-0.4
Capital goods	-2.3	1.6	-3.4	1.9	0.6	0.6
Durable consumer goods	-1.2	1.8	-1.5	1.2	-0.7	-0.1
Non-durable consumer goods	0.0	1.2	-1.1	-0.6	-0.2	0.9

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

Total industry	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
EA19	-0.5	0.8	-1.4	-0.5	0.4	0.1
EU28	-0.8	0.9	-1.4	-0.1	0.0	0.2
Belgium	3.4	-1.2	4.1	-6.4	5.2	:
Bulgaria	-1.5	-0.4	-1.8	0.7	0.0	0.3
Czechia	0.9	1.4	-2.9	0.6	0.2	0.9
Denmark	-0.7	5.0	-6.9	3.9	-3.2	2.5
Germany	-2.3	0.7	-1.5	-0.6	0.7	-1.0
Estonia	-1.2	0.4	-5.3	-3.0	3.6	-1.5
Ireland	3.5	3.1	-9.4	1.6	1.0	8.8
Greece	1.1	-1.1	0.9	-1.5	1.1	0.9
Spain	1.7	0.3	-0.3	-0.3	0.8	-0.9
France	0.5	2.1	-2.4	0.2	-0.9	0.3
Croatia	-0.3	-1.1	-1.1	2.9	-3.0	2.5
Italy	-0.8	0.9	-0.2	-0.8	0.4	-0.4
Cyprus	-1.0	0.3	1.9	-1.4	1.7	c
Latvia	-1.7	2.4	1.7	-2.1	3.2	1.2
Lithuania	-0.8	-0.3	2.3	0.5	-1.6	2.5
Luxembourg	1.3	-0.9	-1.6	-0.3	2.8	-1.2**
Hungary	-1.3	1.4	-1.8	1.6	-1.1	3.1
Malta	3.8	0.8	1.2	-0.6	6.4	-3.7
Netherlands	-1.0	0.5	-1.1	0.2	0.7	1.2
Austria	-3.3	-0.7	0.1	-0.5	-2.5	:
Poland	0.0	-0.2	-2.0	0.7	-1.3	1.2
Portugal	2.5	0.1	-4.6	5.5	-2.4	-2.3
Romania	0.7	-2.1	-1.8	-1.8	0.5	1.9
Slovenia	1.4	-0.8	-1.7	2.5	-2.5	0.4
Slovakia	-0.7	-0.2	-1.8	0.5	-2.5	1.3
Finland	2.6	-2.6	1.2	1.1	0.5	-1.2
Sweden	0.5	0.4	0.1	0.9	-0.2	-0.7
United Kingdom	-3.2	1.1	0.1	0.1	-0.7	-0.3
Norway	0.4	0.4	-1.5	0.5	-2.2	-0.4
Switzerland	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*

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
EA19						
Total industry	-0.7	-0.8	-2.4	-2.1	-2.8	-1.7
Intermediate goods	-1.1	-2.4	-3.4	-2.9	-3.3	-3.9
Energy	0.0	0.4	-0.9	-1.3	-3.3	-2.6
Capital goods	-2.3	-1.8	-4.0	-3.2	-3.2	-1.4
Durable consumer goods	-1.4	0.0	-1.2	1.7	-0.1	-0.8
Non-durable consumer goods	2.4	3.4	1.7	0.5	-1.2	1.6
EU28						
Total industry	-0.2	0.0	-1.7	-1.2	-2.0	-1.2
Intermediate goods	-0.2	-1.4	-2.9	-2.2	-2.4	-3.3
Energy	-0.6	1.4	0.3	-1.5	-3.3	-2.8
Capital goods	-2.3	-0.9	-3.3	-2.3	-2.9	-1.0
Durable consumer goods	0.2	1.0	-0.6	1.8	0.3	0.7
Non-durable consumer goods	3.2	3.1	1.5	1.8	0.1	2.4

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

Total industry	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
EA19	-0.7	-0.8	-2.4	-2.1	-2.8	-1.7
EU28	-0.2	0.0	-1.7	-1.2	-2.0	-1.2
Belgium	5.6	2.0	10.0	-0.2	2.9	:
Bulgaria	2.7	0.9	-3.4	-1.0	-1.3	-0.1
Czechia	3.6	3.1	-3.5	0.1	-1.1	-0.6
Denmark	4.9	12.3	3.8	5.2	4.4	4.1
Germany	-4.1	-5.0	-5.9	-5.1	-4.9	-5.3
Estonia	-0.2	1.3	-3.2	-5.5	-2.7	-4.8
Ireland	7.0	9.8	-6.0	-2.5	-6.6	5.1
Greece	2.7	0.2	0.2	-1.7	-0.2	1.2
Spain	1.4	1.3	1.3	0.7	1.5	0.4
France	1.0	3.7	-0.3	-0.1	-1.6	0.0
Croatia	3.0	0.1	-5.5	2.9	-1.7	2.0
Italy	-1.5	-0.6	-1.2	-0.7	-1.7	-2.1
Cyprus	2.3	-0.2	3.1	2.0	4.8	c
Latvia	-2.4	2.0	4.3	-1.4	2.0	7.2
Lithuania	13.8	1.3	2.1	4.4	0.3	7.8
Luxembourg	0.5	-1.5	-3.6	-3.5	-0.6	-1.2**
Hungary	6.2	6.4	4.3	8.7	2.7	9.0
Malta	2.6	-1.7	1.1	0.0	8.0	3.9
Netherlands	-1.7	-1.1	-2.5	-1.0	-1.2	0.7
Austria	1.4	-2.5	-0.4	-1.1	-3.6	:
Poland	6.6	5.1	1.9	3.3	0.7	3.1
Portugal	-1.5	0.1	-5.3	-1.4	-5.0	-5.0
Romania	-0.6	-2.1	-3.6	-5.3	-5.8	-4.0
Slovenia	5.1	3.1	1.0	4.8	0.0	1.9
Slovakia	6.6	4.5	-2.0	2.9	-8.1	-2.5
Finland	7.2	0.3	2.5	4.8	4.8	0.3
Sweden	3.6	0.8	1.0	5.7	3.3	1.3
United Kingdom	-2.9	0.0	-1.4	-0.8	-1.6	-1.4
Norway	-4.2	-2.5	-8.6	-5.8	-9.3	-8.0
Switzerland	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)

	09/18	10/18	11/18	12/18	01/19	02/19	03/19	04/19	05/19	06/19	07/19	08/19	09/19
EA19	105.9	106.0	104.6	103.6	105.4	105.4	105.1	104.6	105.4	103.9	103.4	103.8	103.9
EU28	106.4	106.6	105.6	105.0	106.3	106.4	106.4	105.6	106.5	105.0	104.9	104.9	105.1
Belgium	107.1	107.7	112.5	107.7	112.7	112.0	110.1	113.8	112.4	117.0	109.5	115.2	:
Bulgaria	107.7	108.1	108.6	106.4	110.2	112.0	111.1	109.4	109.0	107.0	107.7	107.7	108.0
Czechia	114.3	113.5	115.2	113.7	112.9	113.1	113.1	114.1	115.7	112.4	113.1	113.3	114.3
Denmark	108.8	109.5	109.3	120.5	111.1	109.7	113.2	112.4	118.0	109.9	114.2	110.6	113.4
Germany	105.0	104.2	103.1	103.9	102.8	102.8	103.5	101.1	101.8	100.3	99.7	100.4	99.4
Estonia	111.2	111.2	115.9	115.9	115.9	113.7	114.0	112.6	113.0	107.0	103.8	107.5	105.9
Ireland	104.9	107.0	97.7	84.8	99.1	99.2	101.2	104.7	107.9	97.8	99.4	100.4	109.2
Greece	109.0	107.7	111.8	110.7	111.9	109.7	108.3	109.5	108.3	109.3	107.7	108.9	109.9
Spain	105.5	106.6	104.6	103.4	107.2	106.1	104.8	106.6	106.9	106.6	106.3	107.1	106.1
France	102.9	103.8	102.9	102.9	104.4	104.7	103.2	103.7	105.9	103.4	103.6	102.7	103.0
Croatia	105.6	106.1	105.9	102.7	111.1	108.2	108.0	107.7	106.5	105.3	108.4	105.1	107.7
Italy	106.8	106.5	104.7	104.0	105.9	106.6	105.5	104.7	105.6	105.4	104.6	105.0	104.6
Cyprus	127.3	128.6	128.2	126.6	128.8	128.6	129.4	128.1	128.5	131.0	129.2	131.4	c
Latvia	114.3	114.0	114.9	118.5	114.6	115.9	116.6	114.6	117.4	119.4	116.9	120.6	122.0
Lithuania	114.0	121.2	119.5	121.0	120.3	114.6	118.9	118.0	117.7	120.4	121.0	119.1	122.1
Luxembourg	101.8	104.3	102.2	101.9	102.5	101.2	100.6	101.9	101.0	99.4	99.1	101.9	100.7*
Hungary	109.0	111.2	110.1	114.1	114.2	115.5	116.7	115.2	116.8	114.7	116.5	115.2	118.8
Malta	101.0	103.6	108.4	100.9	101.6	100.1	97.3	101.0	101.8	103.0	102.4	109.0	105.0
Netherlands	102.8	103.2	103.5	100.8	104.4	103.5	102.6	101.6	102.1	101.0	101.2	101.9	103.1
Austria	112.3	114.2	113.1	113.5	115.2	117.2	116.7	112.9	112.1	112.2	111.6	108.8	:
Poland	116.5	117.9	118.0	117.8	120.0	122.0	122.6	122.6	122.4	119.9	120.7	119.1	120.5
Portugal	106.7	106.5	103.1	103.1	104.6	103.0	102.7	105.3	105.4	100.5	106.0	103.5	101.1
Romania	120.9	120.5	120.3	119.2	116.8	117.7	118.2	119.0	116.5	114.4	112.3	112.9	115.1
Slovenia	121.7	123.7	123.1	120.4	127.4	125.5	125.1	126.9	125.9	123.7	126.8	123.6	124.1
Slovakia	114.6	115.9	115.0	114.8	115.8	115.6	116.5	115.7	115.5	113.4	114.0	111.2	112.7
Finland	113.8	111.7	111.8	113.6	113.5	112.5	112.6	115.5	112.5	113.8	115.0	115.6	114.2
Sweden	109.1	110.7	110.2	111.4	111.5	111.2	109.7	110.3	110.7	110.8	111.8	111.6	110.8
United Kingdom	102.9	102.8	102.7	102.1	103.2	103.5	104.4	101.1	102.2	102.3	102.4	101.7	101.4
Norway	101.0	103.2	101.6	100.6	98.5	96.8	95.5	95.9	96.3	94.9	95.4	93.3	92.9
Switzerland	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)

	09/16	09/17	09/18	10/18	11/18	12/18	01/19	02/19	03/19	04/19	05/19	06/19	07/19	08/19	09/19
EA19	105.6	109.9	110.6	113.0	110.2	99.0	102.3	102.2	112.3	103.4	105.2	105.9	104.5	87.7	108.7
EU28	105.2	109.8	110.7	113.2	111.1	101.4	103.5	103.4	114.1	104.5	106.7	107.1	104.2	91.2	109.4
Belgium	107.8	112.8	111.5	112.5	113.6	105.0	109.8	108.4	118.8	114.1	110.8	124.1	101.7	106.9	:
Bulgaria	103.5	107.0	107.0	111.0	115.1	110.3	105.1	106.6	113.9	104.1	105.5	109.1	111.0	103.6	106.9
Czechia	106.7	115.2	117.9	120.9	124.2	105.9	108.8	109.7	121.6	114.7	119.8	117.0	101.7	104.5	117.2
Denmark	98.8	107.7	113.3	118.3	118.6	117.0	111.3	105.7	118.9	109.3	117.2	110.5	100.0	107.0	117.9
Germany	106.1	110.4	109.9	108.3	109.6	98.2	95.7	99.2	111.8	99.8	99.9	102.8	100.0	93.9	104.1
Estonia	111.1	111.6	114.9	119.4	121.1	110.8	111.3	106.7	121.3	113.4	118.4	106.6	93.4	105.3	109.4
Ireland	103.4	112.8	123.9	139.4	111.0	81.5	119.0	82.8	86.8	105.4	100.4	77.3	94.0	81.1	130.2
Greece	105.0	107.4	111.2	105.5	109.4	110.2	103.3	107.3	109.2	108.4	109.2	113.5	119.4	105.0	112.5
Spain	103.9	107.7	107.0	112.3	108.6	95.4	105.6	105.8	111.7	104.2	112.9	110.4	111.2	85.5	107.4
France	102.4	105.8	104.5	109.7	106.5	104.3	107.0	104.0	113.6	104.7	101.2	107.4	101.2	78.7	104.5
Croatia	106.2	109.6	106.9	111.8	112.6	104.9	101.0	103.3	113.7	105.8	110.2	103.3	112.4	92.5	109.0
Italy	108.0	111.2	112.9	115.7	109.6	93.2	99.9	107.5	115.4	101.7	113.6	110.6	117.2	70.0	110.5
Cyprus	115.2	122.9	133.2	130.4	124.5	126.5	121.0	119.7	127.2	122.0	134.0	142.7	149.4	116.3	c
Latvia	106.0	119.5	117.8	124.4	121.8	121.8	95.1	100.1	115.6	112.0	119.4	122.5	116.8	128.4	126.3
Lithuania	106.1	113.9	114.0	127.4	124.0	119.9	117.3	110.6	124.1	116.8	116.9	118.8	117.4	116.4	122.9
Luxembourg	100.3	107.2	103.4	110.4	105.6	98.0	99.4	98.4	110.6	102.2	101.7	100.3	98.1	89.4	102.2*
Hungary	106.3	113.6	116.1	117.4	116.6	105.6	109.9	113.7	124.4	114.5	120.1	119.0	112.3	103.2	126.6
Malta	93.3	114.9	106.6	109.4	111.3	85.6	96.3	95.1	99.8	100.4	105.2	107.3	107.6	106.4	110.8
Netherlands	100.9	103.9	104.0	107.4	108.9	101.9	103.2	99.6	108.0	99.6	102.4	103.3	96.9	93.0	104.7
Austria	109.0	115.6	117.9	120.1	121.7	114.2	101.4	110.9	127.6	112.2	109.9	115.6	112.1	96.7	:
Poland	108.0	115.4	121.3	126.4	122.1	114.2	114.4	117.0	130.6	121.9	121.3	120.4	116.5	112.6	125.0
Portugal	105.1	108.5	108.5	107.6	105.6	93.3	105.5	102.0	106.6	104.3	110.3	104.1	112.5	87.0	103.1
Romania	106.5	116.6	121.2	121.9	126.5	116.2	112.1	112.9	124.4	114.4	119.5	116.5	112.8	102.2	116.3
Slovenia	114.4	126.3	127.3	130.5	128.0	109.7	123.2	122.5	136.7	126.1	130.4	128.7	127.5	104.3	129.7
Slovakia	108.5	111.2	117.3	126.8	124.6	102.9	113.1	115.6	126.3	116.1	121.3	114.4	100.4	101.6	114.4
Finland	108.3	109.6	116.7	117.6	115.9	121.9	108.2	103.9	119.2	115.0	111.6	117.0	103.4	110.2	117.0
Sweden	108.5	110.3	111.6	118.3	118.2	112.8	109.0	110.3	121.0	112.0	112.8	116.7	90.4	95.1	113.1
United Kingdom	101.7	106.4	105.3	106.2	107.0	104.0	102.6	101.7	114.6	100.1	103.7	103.8	101.2	97.4	103.8
Norway	86.6	97.4	98.0	108.9	106.7	101.7	105.7	95.3	99.7	93.9	96.2	90.9	85.1	92.3	90.2
Switzerland	99.4	109.6	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](#).