

28/2020 - 12 February 2020

December 2019 compared with November 2019

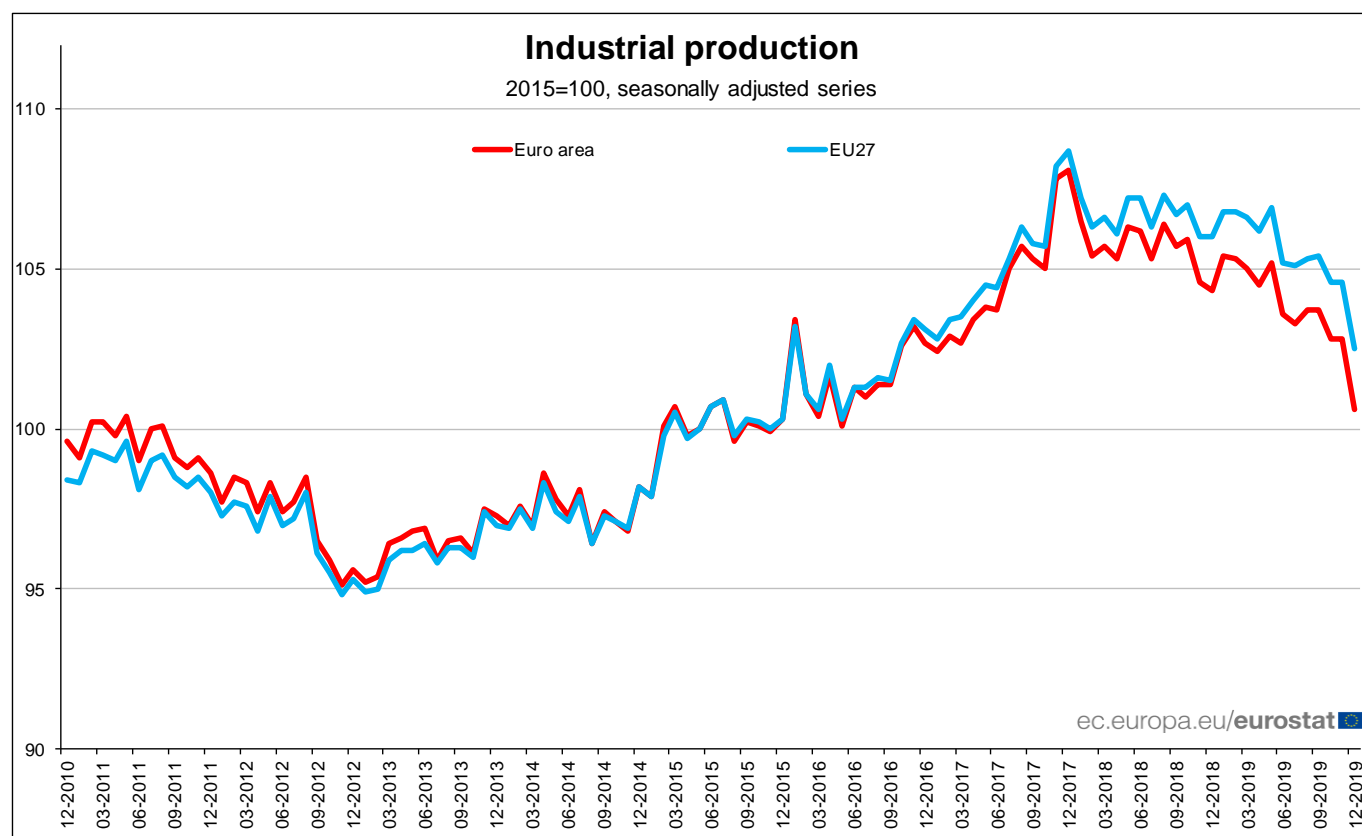
Industrial production down by 2.1% in euro area

Down by 2.0% in EU27

In December 2019 compared with November 2019, seasonally adjusted industrial production fell by 2.1% in the **euro area** (EA19) and by 2.0% in the **EU27**, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2019, industrial production remained stable in the **euro area** and in the **EU27**.

In December 2019 compared with December 2018, industrial production decreased by 4.1% in the **euro area** and by 3.9% in the **EU27**.

The average industrial production for the year 2019, compared with 2018, fell by 1.7% in the **euro area** and by 1.1% in the **EU27**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in December 2019, compared with November 2019, production of capital goods fell by 4.0%, intermediate goods by 1.7%, non-durable consumer goods by 1.3%, durable consumer goods by 1.1% and energy by 0.5%.

In the **EU27**, production of capital goods fell by 3.5%, intermediate goods by 1.6%, durable consumer goods by 1.4%, non-durable consumer goods by 1.2% and energy by 0.7%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-6.2%), **Hungary** (-3.8%) and **Poland** (-3.0%). The highest increases were observed in **Denmark** (+7.2%), **Portugal** (+2.9%) and **Greece** (+2.5%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in December 2019, compared with December 2018, production of capital goods fell by 6.7%, intermediate goods by 5.5%, energy by 2.3% and durable consumer goods by 1.4%, while production of non-durable consumer goods rose by 1.3%.

In the **EU27**, production of capital goods fell by 6.0%, intermediate goods by 4.9%, energy by 3.0% and durable consumer goods by 0.9%, while production of non-durable consumer goods rose by 0.9%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Estonia** (-9.9%), **Romania** (-8.9%) and **Germany** (-7.2%). The highest increases were observed in **Malta** (+7.6%), **Portugal** (+3.9%) and **Poland** (+1.3%).

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** (EU27) 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 and Sweden.

As of 1 February 2020, the United Kingdom is no longer part of the European Union. Information on dissemination of European statistics after Brexit can be found on [Eurostat website](#).

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 [10/2020](#) of 15 January 2020, the monthly percentage change for November 2019 has been revised from +0.2% to 0.0% in the euro area. The annual percentage change has been revised from -1.5% to -1.7% in the euro area.

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 NEWS_RELEASE_WEIGHTINGS_2015)

Eurostat €-indicators [release calendar](#)

European Statistics [Code of Practice](#)

Eurostat Press Office

Veronika LANG

Tel: +352-4301-33 444

eurostat-pressoffice@ec.europa.eu

For further information on data:

Carmen LIPP-LINGUA

Tel: +352-4301-35 253

carmen.lipp-lingua@ec.europa.eu

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



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Industrial production
% change compared with previous month*

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
EA19						
Total industry	-0.3	0.4	0.0	-0.9	0.0	-2.1
Intermediate goods	-0.2	0.1	-1.0	0.7	-0.8	-1.7
Energy	-0.3	0.2	-0.9	-1.3	1.0	-0.5
Capital goods	2.2	0.9	0.4	-2.7	0.9	-4.0
Durable consumer goods	1.3	-0.8	-0.3	1.7	-1.1	-1.1
Non-durable consumer goods	-1.4	0.4	1.2	0.6	-0.9	-1.3
EU27						
Total industry	-0.1	0.2	0.1	-0.8	0.0	-2.0
Intermediate goods	0.2	0.0	-0.8	0.6	-0.5	-1.6
Energy	-0.8	-0.5	-0.6	-1.0	0.9	-0.7
Capital goods	1.9	0.8	0.5	-2.6	0.7	-3.5
Durable consumer goods	1.2	-0.7	0.1	1.4	-1.0	-1.4
Non-durable consumer goods	-0.7	0.0	1.5	0.3	-0.8	-1.2

Source dataset: [sts_inpr_m](#)

Total industry	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
EA19	-0.3	0.4	0.0	-0.9	0.0	-2.1
EU27	-0.1	0.2	0.1	-0.8	0.0	-2.0
EU28	-0.1	0.1	0.2	-0.7	-0.2	-1.7
Belgium	-6.2	6.3	-0.9	-1.6	1.1	:
Bulgaria	0.7	0.0	0.7	0.9	-1.3	-1.8
Czechia	0.4	-0.3	1.1	-0.1	-1.1	-1.0
Denmark	3.8	-3.1	2.2	-2.5	-4.8	7.2
Germany	-0.4	0.7	-1.2	-1.1	1.0	-2.5
Estonia	-3.1	3.8	-1.6	0.3	0.8	-2.3
Ireland	1.5	0.5	8.9	-5.7	-4.5	-6.2
Greece	-1.4	1.8	0.9	-2.4	-4.1	2.5
Spain	-0.3	0.6	-1.0	-0.5	0.9	-1.5
France	0.3	-0.9	0.3	0.5	0.0	-2.9
Croatia	3.3	-3.3	2.1	-0.9	-0.3	-1.6
Italy	-0.9	0.2	-0.4	-0.4	0.0	-2.7
Cyprus	-1.4	1.7	0.8	-0.1	-0.6	c
Latvia	-2.4	2.9	1.0	-2.4	-1.3	-0.3
Lithuania	0.9	-1.2	2.3	-2.4	3.3	-1.9
Luxembourg	-0.7	2.7	-1.8	-2.4	-1.4	1.7**
Hungary	1.5	-1.4	3.1	-0.6	-1.4	-3.8
Malta	0.8	5.3	-2.5	-0.9	2.6	0.0
Netherlands	0.3	0.6	1.3	-0.7	-1.0	-1.6
Austria	-0.6	-1.3	0.0	0.4	-2.3	:
Poland	0.7	-1.3	1.3	1.4	1.1	-3.0
Portugal	5.5	-2.4	-2.5	3.3	-0.7	2.9
Romania	-1.8	0.5	0.5	-1.9	-0.1	-0.2
Slovenia	2.6	-2.6	0.6	1.5	-1.0	-1.8
Slovakia	0.4	-2.6	1.4	-0.7	-0.5	-1.4
Finland	0.9	0.3	-0.5	-0.5	0.3	0.3
Sweden	0.5	0.6	-1.0	-1.3	1.3	-1.5
United Kingdom	0.0	-0.8	0.2	0.1	-1.1	0.0
Norway	1.1	-2.0	0.6	3.1	2.7	1.5
Switzerland	-0.9	-1.6	2.6	:	:	:

* Calendar and seasonally adjusted

: Data not available

** Estimated by Member State

c Confidential

Source dataset: [sts_inpr_m](#)

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

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
EA19						
Total industry	-2.1	-2.7	-1.7	-2.6	-1.7	-4.1
Intermediate goods	-2.8	-3.1	-3.9	-3.3	-2.9	-5.5
Energy	-1.4	-3.0	-2.2	-2.8	-1.7	-2.3
Capital goods	-3.2	-3.2	-1.4	-5.2	-2.3	-6.7
Durable consumer goods	1.8	-0.4	-0.7	0.9	1.0	-1.4
Non-durable consumer goods	0.4	-1.2	1.8	3.2	1.3	1.3
EU27						
Total industry	-1.3	-2.1	-1.1	-2.0	-1.3	-3.9
Intermediate goods	-2.3	-2.6	-3.2	-2.8	-2.3	-4.9
Energy	-1.3	-2.8	-2.7	-2.7	-1.6	-3.0
Capital goods	-2.4	-2.6	-0.9	-4.4	-2.1	-6.0
Durable consumer goods	2.1	0.5	0.8	1.9	1.8	-0.9
Non-durable consumer goods	1.5	-0.1	2.9	3.4	1.7	0.9

Source dataset: [sts_inpr_m](#)

Total industry	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
EA19	-2.1	-2.7	-1.7	-2.6	-1.7	-4.1
EU27	-1.3	-2.1	-1.1	-2.0	-1.3	-3.9
EU28	-1.3	-2.0	-1.1	-1.9	-1.4	-3.6
Belgium	-0.1	4.5	8.1	5.2	2.2	:
Bulgaria	-1.0	-1.3	0.1	1.9	-0.2	-1.5
Czechia	0.0	-1.8	-0.9	-0.3	-3.1	-3.4
Denmark	5.6	4.3	4.6	0.1	-4.8	-6.8
Germany	-5.2	-5.0	-5.6	-5.8	-3.8	-7.2
Estonia	-5.5	-2.4	-4.5	-4.4	-7.3	-9.9
Ireland	-2.5	-6.6	5.2	-0.9	-2.1	-5.2
Greece	-2.2	0.2	2.0	-0.5	-9.2	-4.7
Spain	0.7	1.3	0.3	-1.7	1.7	0.1
France	0.0	-1.4	0.3	0.1	0.9	-3.2
Croatia	2.9	-1.7	2.0	0.3	-0.4	-2.2
Italy	-0.7	-1.7	-2.1	-2.4	-0.8	-4.3
Cyprus	2.5	5.4	5.2	3.7	2.4	c
Latvia	-1.4	2.0	7.2	3.1	-0.1	-3.2
Lithuania	4.4	0.2	7.7	-2.1	2.4	-0.5
Luxembourg	-3.7	-0.9	-2.1	-7.2	-7.5	-5.3**
Hungary	8.7	2.6	9.1	6.5	5.3	-3.7
Malta	1.4	7.6	5.4	1.6	-0.2	7.6
Netherlands	-0.7	-1.2	1.0	0.2	-1.8	-1.7
Austria	-1.1	-2.4	-2.3	-3.0	-5.6	:
Poland	3.3	0.7	3.1	3.6	5.6	1.3
Portugal	-1.4	-4.9	-5.0	-2.0	0.5	3.9
Romania	-5.3	-5.8	-4.1	-3.5	-7.4	-8.9
Slovenia	4.9	0.0	2.3	2.7	1.5	1.0
Slovakia	2.3	-8.2	-2.4	-3.9	-4.3	-7.1
Finland	4.5	4.1	1.2	1.5	1.6	0.6
Sweden	4.4	4.2	1.8	-1.7	0.9	-2.0
United Kingdom	-1.1	-1.9	-1.1	-0.8	-2.0	-2.2
Norway	-5.8	-9.3	-8.0	-5.7	-0.9	1.3
Switzerland	7.2	5.5	10.7	:	:	:

* Calendar adjusted

** Estimated by Member State

: Data not available

c Confidential

Source dataset: [sts_inpr_m](#)

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

	12/18	01/19	02/19	03/19	04/19	05/19	06/19	07/19	08/19	09/19	10/19	11/19	12/19
EA19	104.3	105.4	105.3	105.0	104.5	105.2	103.6	103.3	103.7	103.7	102.8	102.8	100.6
EU27	106.0	106.8	106.8	106.6	106.2	106.9	105.2	105.1	105.3	105.4	104.6	104.6	102.5
EU28	105.6	106.4	106.5	106.4	105.6	106.4	104.8	104.7	104.8	105.0	104.3	104.1	102.3
Belgium	107.7	112.7	112.0	110.1	113.8	112.4	117.0	109.7	116.6	115.5	113.6	114.9	:
Bulgaria	106.4	110.2	112.0	111.1	109.4	109.0	107.0	107.7	107.7	108.5	109.5	108.1	106.2
Czechia	114.2	112.9	113.0	113.0	113.9	115.5	112.2	112.7	112.4	113.6	113.5	112.3	111.2
Denmark	120.0	110.7	109.7	113.2	112.5	117.9	109.4	113.6	110.1	112.5	109.7	104.4	111.9
Germany	103.9	102.8	102.8	103.4	100.9	101.6	100.1	99.7	100.4	99.2	98.1	99.1	96.6
Estonia	116.2	116.8	114.4	114.5	113.1	113.2	107.2	103.9	107.8	106.1	106.4	107.2	104.7
Ireland	90.4	98.4	98.5	100.4	104.2	107.3	97.0	98.5	99.0	107.8	101.7	97.1	91.1
Greece	111.1	111.9	109.6	108.2	109.5	107.7	108.5	107.0	108.9	109.9	107.3	102.9	105.5
Spain	103.8	107.4	106.1	104.9	106.6	106.8	106.4	106.1	106.7	105.6	105.1	106.0	104.4
France	103.7	104.6	104.7	103.2	103.8	105.8	103.3	103.6	102.7	103.0	103.5	103.5	100.5
Croatia	106.2	110.7	108.0	107.8	107.1	106.3	104.8	108.3	104.7	106.9	105.9	105.6	103.9
Italy	104.9	106.2	106.8	105.5	104.7	105.5	105.2	104.3	104.5	104.1	103.7	103.7	100.9
Cyprus	127.3	129.5	129.4	130.2	129.0	129.2	131.4	129.6	131.8	132.8	132.7	131.9	c
Latvia	119.6	115.1	116.2	116.7	114.5	117.1	118.8	116.0	119.4	120.6	117.7	116.2	115.9
Lithuania	119.0	121.4	116.4	120.8	122.0	117.3	118.1	119.2	117.8	120.5	117.6	121.5	119.2
Luxembourg	102.2	102.6	101.2	100.5	101.7	100.7	99.1	98.4	101.1	99.3	96.9	95.5	97.1*
Hungary	115.4	114.5	115.8	116.9	115.3	116.8	114.5	116.2	114.6	118.2	117.5	115.9	111.5
Malta	100.6	101.6	100.0	96.9	101.0	102.2	102.7	103.5	109.0	106.3	105.3	108.0	108.0
Netherlands	100.8	104.4	103.5	102.6	101.6	102.1	101.0	101.3	101.9	103.2	102.5	101.5	99.9
Austria	114.4	114.9	116.6	116.0	112.5	111.8	112.2	111.5	110.1	110.1	110.5	108.0	:
Poland	117.8	120.0	122.0	122.6	122.6	122.4	119.9	120.7	119.1	120.7	122.4	123.8	120.1
Portugal	103.1	104.6	103.0	102.7	105.3	105.4	100.5	106.0	103.5	100.9	104.2	103.5	106.5
Romania	119.2	116.8	117.7	118.2	119.0	116.5	114.4	112.3	112.9	113.5	111.3	111.2	111.0
Slovenia	121.2	127.5	125.5	125.2	127.1	126.0	123.7	126.9	123.6	124.4	126.3	125.1	122.9
Slovakia	115.4	115.9	115.6	116.5	115.7	115.3	113.2	113.7	110.8	112.4	111.6	111.0	109.5
Finland	113.4	113.1	112.3	112.3	115.0	111.8	113.3	114.3	114.7	114.1	113.5	113.8	114.1
Sweden	111.6	111.7	111.3	109.7	110.3	110.6	110.7	111.2	111.9	110.8	109.4	110.8	109.1
United Kingdom	102.7	103.7	103.9	104.9	101.4	102.4	102.4	102.4	101.6	101.8	101.9	100.8	100.8
Norway	100.3	98.5	96.9	95.5	96.0	96.4	94.5	95.5	93.6	94.2	97.1	99.7	101.2
Switzerland	111.9	114.8	114.7	115.1	115.4	115.7	118.6	117.5	115.6	118.6	:	:	:

* Estimated by Member State

: Data not available

c Confidential

Source dataset: [sts_inpr_m](#)

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

	12/16	12/17	12/18	01/19	02/19	03/19	04/19	05/19	06/19	07/19	08/19	09/19	10/19	11/19	12/19
EA19	98.1	103.2	99.0	102.3	102.2	112.2	103.3	105.1	105.8	104.5	87.8	108.7	110.1	108.3	94.9
EU27	98.7	104.0	101.0	103.6	103.6	114.0	105.1	107.1	107.4	104.6	90.3	110.3	111.9	110.3	97.1
EU28	99.8	104.2	101.4	103.5	103.4	114.1	104.5	106.6	107.0	104.1	91.2	109.5	111.1	109.6	97.7
Belgium	107.9	105.4	105.0	109.8	108.4	118.8	114.1	110.8	124.1	101.8	108.6	120.5	118.3	116.1	:
Bulgaria	110.9	113.6	110.3	105.1	106.6	113.9	104.1	105.5	109.1	111.0	103.6	107.1	113.1	114.9	108.7
Czechia	96.4	105.1	105.9	108.8	109.7	121.6	114.7	119.8	117.1	101.6	103.8	116.8	120.5	120.3	102.3
Denmark	105.5	103.6	116.9	111.3	105.7	119.0	109.4	117.2	110.4	100.0	106.9	118.5	118.4	112.8	108.9
Germany	94.5	101.3	98.2	95.7	99.2	111.8	99.6	99.8	102.6	99.9	93.8	103.8	102.0	105.4	91.1
Estonia	101.0	104.9	110.8	112.3	107.3	121.9	114.1	118.6	106.8	93.4	105.6	109.7	114.2	112.3	99.8
Ireland	101.9	101.4	81.5	119.0	82.8	86.8	105.4	100.4	77.3	94.0	81.1	130.3	138.1	108.7	77.3
Greece	106.6	107.6	110.2	103.0	107.1	109.1	108.6	108.7	112.7	118.8	105.4	113.4	105.0	99.3	105.0
Spain	95.4	102.2	95.4	105.6	105.7	111.7	104.2	112.9	110.4	111.2	85.3	107.3	110.4	110.6	95.5
France	102.2	107.4	104.3	107.0	104.0	113.6	104.8	101.3	107.4	101.3	78.8	104.7	109.8	107.5	101.0
Croatia	114.9	112.3	104.9	101.0	103.2	113.7	105.8	110.2	103.3	112.4	92.5	109.0	112.2	112.1	102.6
Italy	93.6	98.7	93.1	99.9	107.5	115.4	101.7	113.6	110.6	117.2	70.0	110.4	112.9	108.7	89.1
Cyprus	114.4	123.4	126.5	121.4	120.4	128.2	123.1	135.1	143.4	150.0	117.0	140.1	135.2	127.5	c
Latvia	110.9	116.8	121.9	95.1	100.1	115.6	112.0	119.4	122.5	116.8	128.4	126.3	128.3	121.7	118.0
Lithuania	107.0	114.5	119.8	117.2	110.6	124.1	116.8	117.0	118.8	117.4	116.4	122.7	124.6	127.1	119.2
Luxembourg	97.5	102.8	98.4	99.4	98.4	110.6	102.2	101.6	100.4	97.8	89.0	101.2	102.4	97.6	93.2*
Hungary	94.0	99.0	105.5	109.8	113.7	124.4	114.5	120.1	119.0	112.4	103.1	126.7	125.0	122.9	101.6
Malta	79.5	85.9	85.6	96.3	94.8	99.5	100.4	105.6	106.8	109.1	106.0	112.4	111.1	111.1	92.1
Netherlands	105.5	106.4	101.9	103.2	99.6	108.0	99.6	102.4	103.3	97.2	93.0	105.0	107.6	106.9	100.2
Austria	104.8	112.3	115.3	101.3	110.7	127.1	111.3	109.1	115.4	112.0	97.9	115.4	116.5	115.6	:
Poland	103.0	111.1	114.2	114.4	117.0	130.6	121.9	121.3	120.4	116.5	112.6	125.0	131.0	128.9	115.7
Portugal	95.5	94.9	93.3	105.5	102.0	106.6	104.3	110.3	104.1	112.5	87.1	103.1	105.4	106.1	96.9
Romania	101.4	115.8	116.2	112.1	112.9	124.4	114.4	119.5	116.5	112.8	102.2	116.2	117.6	117.2	105.9
Slovenia	101.0	113.9	109.7	123.1	122.5	136.7	126.4	130.6	128.7	127.8	104.3	130.2	134.1	129.9	110.8
Slovakia	98.3	98.5	102.9	113.1	115.6	126.3	116.0	121.3	114.4	99.8	101.4	114.4	121.8	119.1	95.6
Finland	110.3	118.9	121.6	107.9	103.8	119.0	114.5	110.9	116.7	102.8	109.3	117.8	118.7	117.4	122.3
Sweden	101.9	110.8	112.7	109.1	110.3	121.0	112.1	112.7	116.6	89.3	96.0	113.6	116.4	119.4	110.5
United Kingdom	107.2	105.6	104.1	103.0	102.2	114.8	100.7	103.7	103.6	101.0	97.2	104.2	105.5	105.0	101.8
Norway	100.1	100.5	101.7	105.7	95.3	99.8	93.9	96.2	90.9	85.1	92.3	90.2	102.7	105.7	103.0
Switzerland	104.0	117.2	115.2	107.4	109.4	124.3	110.2	117.5	121.3	111.4	98.9	119.8	:	:	:

* Estimated by Member State

: Data not available

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Source dataset: [sts_inpr_m](#)