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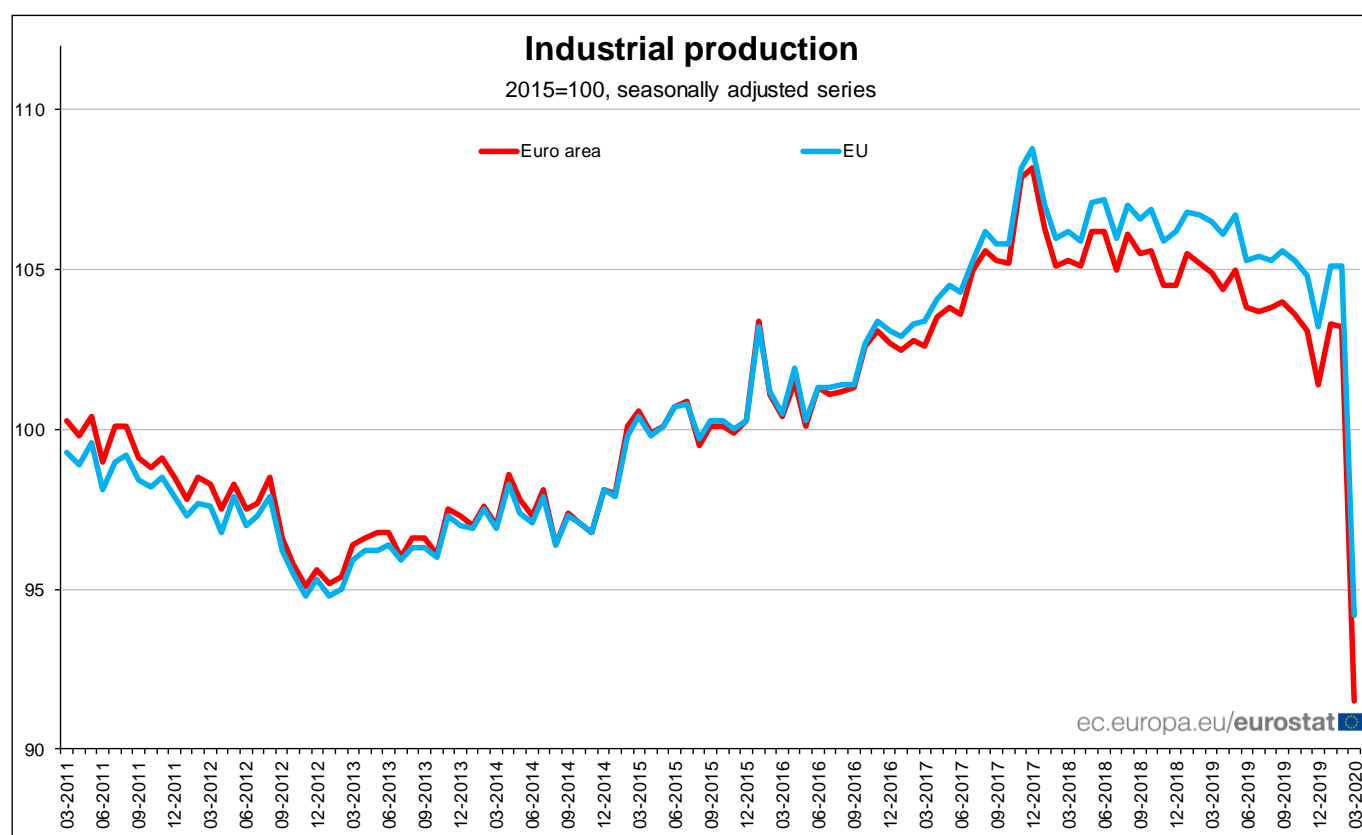
March 2020 compared with February 2020

Industrial production down by 11.3% in euro area

Down by 10.4% in EU

In March 2020, the COVID-19 containment measures widely introduced by Member States had a significant impact on industrial production, as the seasonally adjusted industrial production fell by 11.3% in the **euro area** and by 10.4% in the **EU**, compared with February 2020, according to estimates from **Eurostat, the statistical office of the European Union**. In February 2020, industrial production fell by 0.1% in the **euro area** and remained stable in the **EU**.

In March 2020 compared with March 2019, industrial production decreased by 12.9% in the **euro area** and by 11.8% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in March 2020, compared with February 2020, production of durable consumer goods fell by 26.3%, capital goods by 15.9%, intermediate goods by 11.0%, energy by 4.0% and non-durable consumer goods by 1.6%.

In the **EU**, production of durable consumer goods fell by 23.8%, capital goods by 15.1%, intermediate goods by 9.9%, energy by 3.5% and non-durable consumer goods by 1.2%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Luxembourg** (-35.4%), **Italy** (-28.4%) and **Slovakia** (-20.3%). The highest increases were observed in **Ireland** (+15.5%), **Greece** and **Finland** (both +1.9%) and **Lithuania** (+0.7%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in March 2020, compared with March 2019, production of durable consumer goods fell by 24.2%, capital goods by 21.5%, intermediate goods by 11.8%, energy by 6.7% and non-durable consumer goods by 0.8%.

In the **EU**, production of durable consumer goods fell by 21.7%, capital goods by 20.0%, intermediate goods by 10.1%, energy by 6.4% and non-durable consumer goods by 0.3%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Luxembourg** (-32.7%), **Italy** (-29.3%) and **Slovakia** (-19.6%). The highest increases were observed in **Ireland** (+25.3%), **Malta** (+5.7%) and **Finland** (+2.8%).

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.

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.

Data collection for volume of industrial production has in several countries been affected by the COVID-19 crisis. The data in this release are, for some Member States, based on fewer statistical observations than usual. Information on the compilation of short-term business statistics during the COVID-19 crisis can be found [here](#).

Revisions and timetable

Compared with data issued in the News Release [60/2020](#) of 16 April 2020, the monthly percentage change for February 2020 remains unchanged at -0.1% in the euro area and at 0.0% in the EU. The annual percentage change has been revised from -1.9% to -2.2% in the euro area and from -1.3% to -1.6% in the EU.

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](#)

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Industrial production
% change compared with previous month*

	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
Euro area						
Total industry	-0.4	-0.5	-1.6	1.9	-0.1	-11.3
Intermediate goods	0.4	-0.5	-1.5	2.9	1.0	-11.0
Energy	-1.1	0.8	-1.5	-1.0	0.4	-4.0
Capital goods	-1.9	0.2	-3.2	2.4	-2.0	-15.9
Durable consumer goods	1.9	-1.5	-0.3	1.7	-1.6	-26.3
Non-durable consumer goods	0.8	-1.4	-0.4	0.3	0.6	-1.6
EU						
Total industry	-0.3	-0.5	-1.5	1.8	0.0	-10.4
Intermediate goods	0.4	-0.3	-1.4	3.0	1.0	-9.9
Energy	-0.8	0.8	-1.4	-0.8	0.3	-3.5
Capital goods	-1.7	0.0	-2.7	2.1	-1.5	-15.1
Durable consumer goods	1.6	-1.4	-0.5	1.8	-1.1	-23.8
Non-durable consumer goods	0.5	-1.3	-0.4	0.2	0.7	-1.2

Source dataset: [sts_inpr_m](#)

Total industry	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
Euro area	-0.4	-0.5	-1.6	1.9	-0.1	-11.3
EU	-0.3	-0.5	-1.5	1.8	0.0	-10.4
Belgium	-1.6	1.4	2.5	-4.0	1.2	:
Bulgaria	1.0	-0.9	-1.7	2.2	0.8	-5.1
Czechia	0.1	-1.1	-1.2	1.3	-0.4	-8.7
Denmark	-2.6	-5.1	7.7	-3.6	1.6	-1.0
Germany	-0.9	0.8	-1.6	1.8	0.4	-11.2
Estonia	-0.8	1.4	-0.5	-1.7	9.4	-9.1
Ireland	2.5	-11.2	-5.7	5.9	-0.3	15.5
Greece	-2.6	-4.2	3.3	4.3	-3.8	1.9
Spain	-0.5	0.4	-0.9	-0.2	-0.2	-11.9
France	0.4	-0.3	-2.3	0.9	0.9	-16.4
Croatia	-0.9	-0.3	-1.6	0.6	1.0	-2.7
Italy	-0.3	0.2	-2.7	3.6	-1.0	-28.4
Cyprus	0.1	-1.2	0.2	0.3	0.6	:
Latvia	-2.1	-1.2	-0.3	-1.9	3.0	-4.1
Lithuania	-2.4	3.3	-1.9	-2.8	0.7	0.7
Luxembourg	-2.6	-1.4	-3.5	4.8	3.4	-35.4**
Hungary	-0.6	-1.3	-3.6	4.7	-0.1	-10.4
Malta	-0.1	0.8	3.5	2.4	-0.7	-6.9
Netherlands	-0.3	-1.2	-1.5	2.5	-0.9	-0.8
Austria	-1.0	-2.0	0.2	4.9	-3.1	:
Poland	1.2	1.5	-3.0	3.0	1.1	-7.3
Portugal	3.3	-0.8	3.0	0.5	-2.9	-8.3
Romania	-1.9	-0.1	-0.2	2.5	1.4	-12.4
Slovenia	1.4	-0.8	-1.5	0.9	4.3	-10.7
Slovakia	0.0	0.3	-1.6	4.7	-0.8	-20.3
Finland	-0.6	0.2	-0.1	-1.4	0.7	1.9
Sweden	-0.9	1.4	-1.3	1.0	-0.2	-0.7
United Kingdom	0.2	-1.1	-0.1	0.2	0.1	:
Norway	3.2	2.6	1.3	-2.4	2.6	1.3
Switzerland	-0.7	0.4	-5.3	:	:	:

* Calendar and seasonally adjusted ** Estimated by Member State

: Data not available

Source dataset: [sts_inpr_m](#)

Industrial production

% change compared with same month of the previous year*

	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
Euro area						
Total industry	-1.6	-1.3	-3.4	-2.2	-2.2	-12.9
Intermediate goods	-3.4	-2.9	-5.5	-2.0	-0.8	-11.8
Energy	-2.6	-1.5	-3.2	-7.3	-2.9	-6.7
Capital goods	-2.7	-1.2	-4.9	-2.0	-4.3	-21.5
Durable consumer goods	2.0	1.6	0.3	3.6	1.3	-24.2
Non-durable consumer goods	3.3	0.9	1.9	0.1	0.4	-0.8
EU						
Total industry	-1.1	-1.0	-3.3	-1.7	-1.6	-11.8
Intermediate goods	-2.9	-2.2	-5.1	-1.3	-0.1	-10.1
Energy	-2.5	-1.5	-3.8	-6.4	-2.9	-6.4
Capital goods	-2.2	-1.2	-4.4	-1.9	-3.6	-20.0
Durable consumer goods	2.8	2.3	0.6	3.5	2.1	-21.7
Non-durable consumer goods	3.5	1.4	1.2	0.2	0.8	-0.3

Source dataset: [sts_inpr_m](#)

Total industry	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20
Euro area	-1.6	-1.3	-3.4	-2.2	-2.2	-12.9
EU	-1.1	-1.0	-3.3	-1.7	-1.6	-11.8
Belgium	5.2	2.6	10.4	0.2	2.4	:
Bulgaria	1.9	-0.3	-1.3	-0.6	0.0	-6.9
Czechia	-0.2	-3.0	-3.3	-1.3	-0.9	-10.8
Denmark	0.1	-5.1	-6.3	-2.7	0.1	-4.4
Germany	-5.6	-3.5	-6.3	-3.5	-2.8	-14.2
Estonia	-3.5	-5.5	-6.5	-8.0	3.4	-8.3
Ireland	11.1	1.8	-2.3	1.3	-5.2	25.3
Greece	-1.0	-9.9	-4.4	-0.9	-3.3	0.6
Spain	-1.7	2.0	0.6	-3.0	-1.6	-12.6
France	0.1	0.5	-3.0	-3.4	-1.6	-16.8
Croatia	0.3	-0.4	-2.2	-5.5	-2.0	-4.9
Italy	-2.2	-0.4	-4.1	-0.2	-2.3	-29.3
Cyprus	4.7	2.1	3.1	1.7	2.7	:
Latvia	3.2	0.0	-3.2	-4.2	1.0	-3.6
Lithuania	-2.1	2.4	-0.5	-4.9	0.9	-1.5
Luxembourg	-7.2	-7.7	-12.6	-5.9	0.0	-32.7**
Hungary	6.5	5.3	-3.6	3.0	1.5	-10.0
Malta	1.6	-2.5	10.2	13.2	13.8	5.7
Netherlands	0.5	-1.7	-1.5	-1.4	-0.7	-2.3
Austria	-3.1	-4.6	-5.0	-0.5	-5.2	:
Poland	3.6	5.6	1.3	3.4	3.4	-4.7
Portugal	-2.0	0.3	3.8	2.7	1.2	-7.2
Romania	-3.5	-7.4	-8.9	-2.3	-0.9	-13.6
Slovenia	2.9	1.8	1.0	-2.5	4.8	-7.7
Slovakia	-3.7	-4.0	-6.9	0.5	-1.6	-19.6
Finland	1.5	1.6	-0.2	-2.7	-0.8	2.8
Sweden	-1.3	1.4	-1.3	-0.2	-0.3	-0.2
United Kingdom	-1.0	-2.1	-2.4	-2.9	-3.6	:
Norway	-5.7	-0.9	1.3	0.4	5.2	7.5
Switzerland	3.3	2.7	-1.0	:	:	:

* Calendar adjusted

** Estimated by Member State

:

Source dataset: [sts_inpr_m](#)

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

	03/19	04/19	05/19	06/19	07/19	08/19	09/19	10/19	11/19	12/19	01/20	02/20	03/20
Euro area	104.9	104.4	105.0	103.8	103.7	103.8	104.0	103.6	103.1	101.4	103.3	103.2	91.5
EU	106.5	106.1	106.7	105.3	105.4	105.3	105.6	105.3	104.8	103.2	105.1	105.1	94.2
Belgium	110.2	113.9	112.5	117.1	109.7	116.7	115.5	113.6	115.2	118.1	113.4	114.8	:
Bulgaria	109.1	108.0	108.1	106.1	106.9	106.8	107.2	108.3	107.3	105.5	107.8	108.7	103.2
Czechia	113.7	114.0	115.3	112.0	112.6	112.1	113.5	113.6	112.3	111.0	112.4	112.0	102.3
Denmark	113.3	112.6	117.9	109.4	113.6	110.0	112.6	109.7	104.1	112.1	108.1	109.8	108.7
Germany	103.7	101.0	101.8	100.4	100.2	100.4	99.6	98.7	99.5	97.9	99.7	100.1	88.9
Estonia	115.8	115.2	116.3	110.1	107.8	111.2	108.8	107.9	109.4	108.8	106.9	116.9	106.3
Ireland	89.6	99.4	98.6	94.1	98.6	97.7	105.3	107.9	95.8	90.3	95.6	95.3	110.1
Greece	108.2	109.2	107.5	108.5	107.0	108.7	109.9	107.0	102.5	105.9	110.5	106.3	108.3
Spain	105.7	106.3	106.5	106.7	106.2	106.3	105.8	105.3	105.7	104.8	104.6	104.4	92.0
France	104.3	104.6	106.2	103.5	103.9	102.9	103.5	103.9	103.6	101.2	102.1	103.0	86.1
Croatia	107.8	107.1	106.3	104.8	108.3	104.7	106.9	105.9	105.6	103.9	104.5	105.5	102.6
Italy	105.8	105.0	105.9	105.4	104.7	105.1	104.7	104.4	104.6	101.8	105.5	104.4	74.8
Cyprus	130.3	129.1	129.3	131.5	129.6	131.8	133.1	133.2	131.6	131.8	132.2	133.0	:
Latvia	116.6	114.5	116.9	118.5	115.8	118.9	120.1	117.6	116.2	115.9	113.7	117.1	112.3
Lithuania	120.8	122.0	117.3	118.1	119.2	117.8	120.5	117.6	121.5	119.2	115.9	116.7	117.5
Luxembourg	100.9	101.9	100.8	99.0	98.5	101.3	99.5	96.9	95.5	92.2	96.6	99.9	96.7*
Hungary	116.7	115.2	116.7	114.5	116.3	114.7	118.4	117.7	116.2	112.0	117.3	117.2	105.0
Malta	97.8	100.7	101.9	102.8	103.1	108.1	105.4	105.3	106.1	109.8	112.4	111.6	103.9
Netherlands	103.3	102.2	102.7	101.5	101.6	101.9	103.1	102.8	101.6	100.1	102.6	101.7	100.9
Austria	117.5	113.6	113.7	113.8	113.0	111.6	113.2	112.1	109.9	110.1	115.5	111.9	:
Poland	122.2	122.1	122.3	119.8	120.8	119.2	120.7	122.2	124.0	120.3	123.9	125.3	116.1
Portugal	102.7	105.3	105.4	100.5	106.0	103.5	100.9	104.2	103.4	106.5	107.0	103.9	95.3
Romania	118.2	119.0	116.5	114.4	112.3	112.9	113.5	111.3	111.2	111.0	113.8	115.4	101.1
Slovenia	125.5	126.6	125.9	124.0	126.3	123.7	124.3	126.1	125.1	123.2	124.3	129.7	115.8
Slovakia	117.5	116.3	115.3	114.1	113.4	110.2	111.6	111.6	111.9	110.1	115.3	114.4	91.2
Finland	111.6	115.0	111.7	113.2	114.1	114.4	113.8	113.1	113.3	113.2	111.6	112.4	114.5
Sweden	110.0	110.4	110.7	110.7	111.2	112.0	110.8	109.8	111.3	109.8	110.9	110.7	109.9
United Kingdom	104.7	101.2	102.2	102.3	102.2	101.6	101.6	101.8	100.7	100.6	100.8	100.9	:
Norway	95.5	95.9	96.3	94.5	95.6	93.8	94.3	97.3	99.8	101.1	98.7	101.3	102.6
Switzerland	115.4	115.6	115.8	118.2	117.3	116.2	118.0	117.2	117.7	111.5	:	:	:

* Estimated by Member State

: Data not available

Source dataset: [sts_inpr_m](#)

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

	03/17	03/18	03/19	04/19	05/19	06/19	07/19	08/19	09/19	10/19	11/19	12/19	01/20	02/20	03/20
Euro area	109.8	112.8	112.2	103.2	104.7	106.0	105.0	87.9	109.2	111.0	108.6	95.6	100.1	99.8	97.7
EU	110.6	113.8	114.0	105.0	106.6	107.6	105.0	90.5	110.7	112.7	110.5	97.7	101.8	101.8	100.6
Belgium	114.0	118.1	118.8	114.1	110.8	124.1	101.8	108.6	120.5	118.3	116.5	115.9	110.0	111.0	:
Bulgaria	108.7	109.9	112.6	103.1	104.7	108.3	110.2	102.8	106.3	112.2	114.0	107.9	103.1	105.2	104.8
Czechia	116.5	121.3	122.3	114.7	119.6	116.8	101.5	103.6	116.8	120.6	120.5	102.3	108.1	108.8	109.1
Denmark	113.1	112.8	119.0	109.3	117.3	110.3	100.0	106.9	118.6	118.4	112.6	109.5	108.4	105.7	113.8
Germany	110.2	114.9	112.3	100.0	100.1	102.7	100.5	93.9	104.4	102.2	105.8	92.1	92.9	96.7	96.3
Estonia	114.7	116.8	122.3	115.7	121.8	110.2	97.6	109.5	112.6	115.8	114.2	104.1	101.8	110.0	112.2
Ireland	83.5	66.9	80.0	98.8	86.8	77.0	96.1	80.2	128.8	148.0	107.7	75.1	113.3	72.7	100.2
Greece	108.8	109.8	109.1	108.2	108.3	112.6	118.8	105.1	113.2	104.4	98.6	105.4	102.1	103.7	109.8
Spain	109.9	115.9	111.9	104.1	112.9	110.4	111.2	85.3	107.3	110.4	110.8	96.0	102.4	104.0	97.8
France	111.4	114.4	113.8	105.2	101.7	108.2	102.1	79.3	105.7	110.6	107.4	101.7	103.3	102.3	94.7
Croatia	112.0	110.4	113.7	105.8	110.2	103.3	112.4	92.5	109.0	112.2	112.1	102.6	95.4	101.1	108.1
Italy	113.6	117.5	116.0	102.0	114.0	110.7	117.5	70.2	110.7	113.4	109.3	89.4	100.7	105.5	82.0
Cyprus	113.9	120.4	128.3	123.1	135.1	143.4	150.0	117.1	140.7	136.5	127.0	130.4	123.5	123.6	:
Latvia	113.4	113.9	115.6	112.0	119.4	122.6	116.8	128.4	126.4	128.3	121.8	118.1	91.1	100.9	111.4
Lithuania	105.1	117.4	124.1	116.8	117.0	118.8	117.4	116.4	122.7	124.6	127.1	119.2	111.5	111.6	122.3
Luxembourg	113.7	112.1	111.0	102.7	101.9	100.4	98.3	89.2	101.5	102.6	97.7	85.9	93.4	98.5	74.7*
Hungary	111.6	115.0	124.4	114.6	120.1	119.0	112.4	103.1	126.7	125.0	122.9	101.7	113.0	115.4	112.0
Malta	103.1	104.6	98.9	99.9	105.5	106.1	108.5	104.8	110.9	111.1	108.4	94.3	109.0	107.4	104.5
Netherlands	108.0	110.4	108.6	100.0	102.9	103.6	97.7	93.4	105.2	107.9	107.0	100.4	101.5	98.1	106.1
Austria	115.2	120.7	128.2	111.7	110.7	116.5	113.0	99.6	119.0	117.6	118.0	111.6	103.3	106.5	:
Poland	116.1	120.9	130.6	121.9	121.3	120.5	116.5	112.6	125.0	131.0	128.9	115.7	118.3	121.0	124.4
Portugal	111.5	114.6	106.6	104.3	110.3	104.1	112.5	87.1	103.1	105.4	105.9	96.8	108.3	103.2	98.9
Romania	118.3	122.6	124.4	114.4	119.5	116.5	112.8	102.2	116.2	117.6	117.2	105.9	109.5	111.9	107.5
Slovenia	123.2	131.7	137.1	126.1	130.4	129.2	127.3	104.4	130.4	133.8	129.7	110.9	119.5	127.0	126.6
Slovakia	117.7	117.5	126.3	116.1	121.6	114.1	99.9	101.5	114.7	122.1	119.7	95.6	113.8	113.7	101.6
Finland	110.7	120.3	118.7	114.6	110.9	116.8	102.8	109.3	117.8	118.6	117.2	121.4	104.8	102.7	122.0
Sweden	115.3	121.2	121.0	112.1	112.7	116.6	89.3	96.0	113.6	116.9	120.0	111.2	108.9	110.0	120.7
United Kingdom	112.0	112.4	114.7	100.7	103.7	103.6	100.9	97.1	103.9	105.3	104.9	101.6	100.2	98.5	:
Norway	106.4	106.6	99.8	93.8	96.2	90.9	85.1	92.3	90.2	102.7	105.7	103.0	106.1	100.4	107.3
Switzerland	111.2	118.9	124.3	110.2	117.5	121.3	111.3	99.0	119.5	129.7	130.3	114.0	:	:	:

* Estimated by Member State

: Data not available

Source dataset: [sts_inpr_m](#)