

114/2022 - 12 October 2022

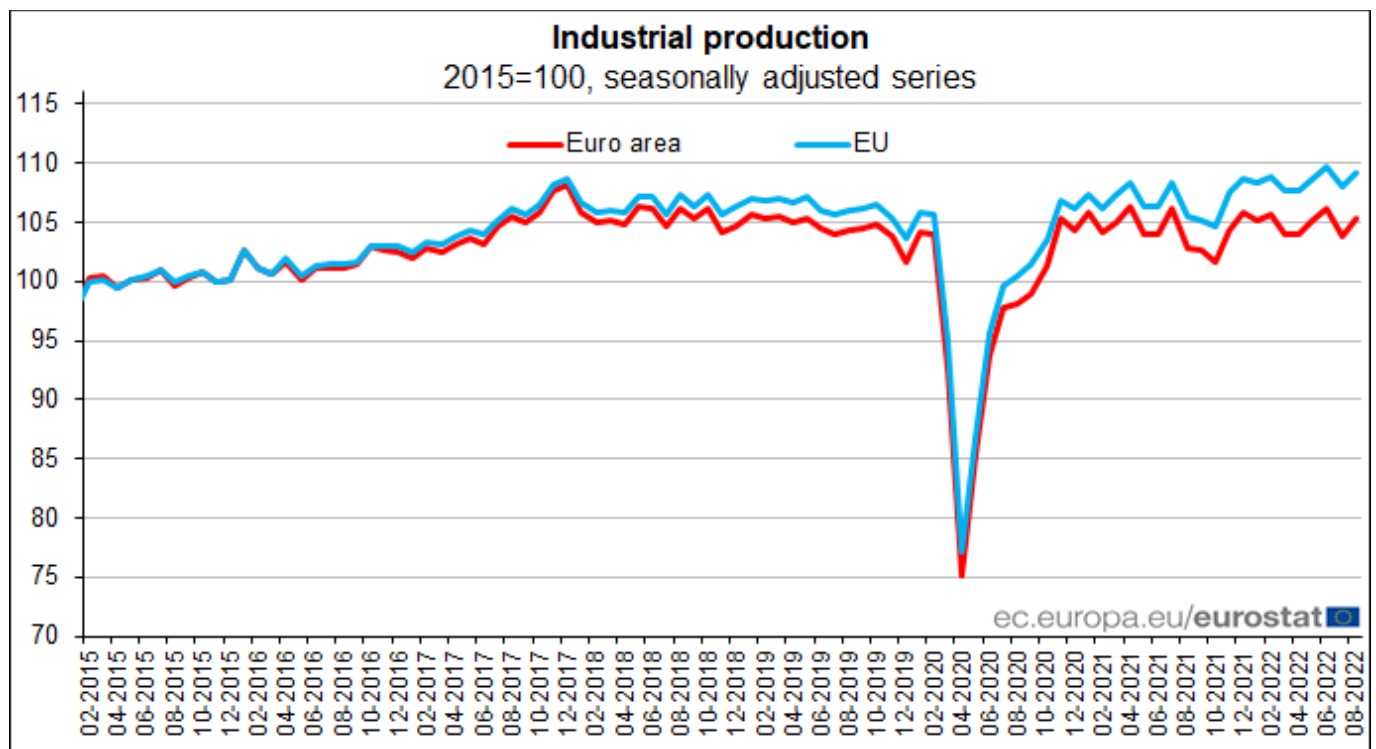
August 2022 compared with July 2022

Industrial production up by 1.5% in the euro area and by 1.1% in the EU

Up by 2.5% and 3.5% compared with August 2021

In August 2022, the seasonally adjusted industrial production rose by 1.5% in the **euro area** and by 1.1% in the **EU**, compared with July 2022, according to estimates from **Eurostat, the statistical office of the European Union**. In July 2022, industrial production decreased by 2.3% in the **euro area** and by 1.5% in the **EU**.

In August 2022 compared with August 2021, industrial production increased by 2.5% in the **euro area** and by 3.5% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in August 2022, compared with July 2022, production of capital goods rose by 2.8%, durable consumer goods by 0.9% and non-durable consumer goods by 0.7%, while production of intermediate goods fell by 0.5% and energy by 2.1%.

In the **EU**, production of capital goods rose by 2.0%, non-durable consumer goods by 0.9% and durable consumer goods by 0.3%, while production of intermediate goods fell by 0.4% and energy by 2.0%

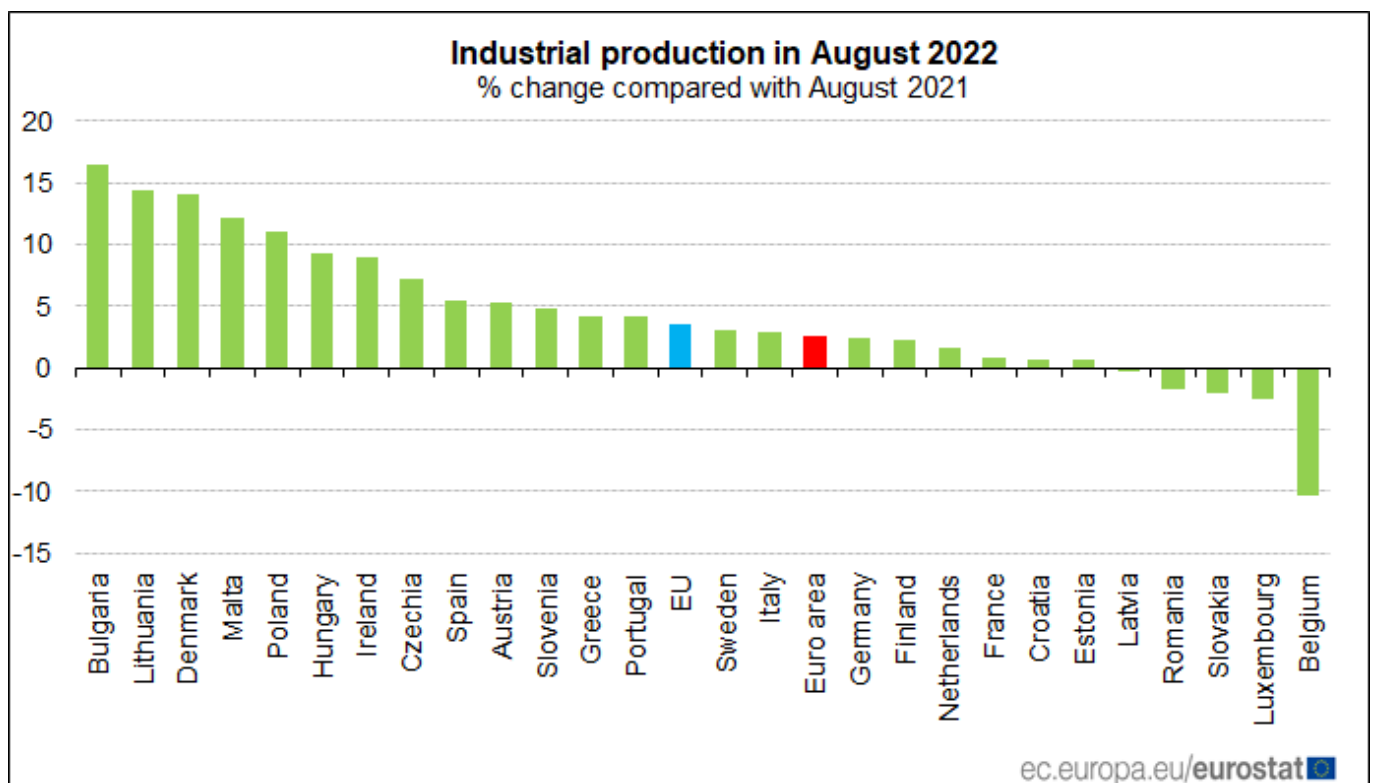
Among Member States for which data are available, the highest monthly increases were registered in **Ireland** (+16.6%), **Estonia** (+5.0%) and **Denmark** (+4.3%). The largest decreases were observed in **Sweden** (-7.0%), **Belgium** (-6.1%) and the **Netherlands** (-1.5%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in August 2022, compared with August 2021, production of capital goods rose by 8.2%, durable consumer goods by 7.0% and non-durable consumer goods by 0.4%, while production of intermediate goods fell by 0.5% and energy by 2.9%.

In the **EU**, production of capital goods rose by 8.9%, durable consumer goods by 4.2%, non-durable consumer goods by 3.2% and intermediate goods by 0.1%, while production of energy fell by 0.5%.

Among Member States for which data are available, the largest annual increases were registered in **Bulgaria** (+16.5%), **Lithuania** (+14.4%) and **Denmark** (+14.1%). The largest decreases were observed in **Belgium** (-10.3%), **Luxembourg** (-2.5%) and **Slovakia** (-2.0%).



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** (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.

Cyprus has a derogation with respect to Regulation (EU) 2019/2152 to have a longer deadline until the end of 2023.

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.

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 101/2022 of 14 September 2022, the monthly percentage change for July 2022 remained unchanged at -2.3% in the euro area and has been revised from -1.6% to -1.5% in the EU. The annual percentage change has been revised from -2.4% to -2.5% in the euro area and remained unchanged at -0.8% in the EU.

For more information

Eurostat database section on short-term business statistics

Eurostat Statistics Explained article on the industrial production index

Eurostat Statistics Explained article on the impact of COVID-19 crisis on industrial production

The weights of the Member States in the EU and euro area aggregates

(See file NEWS_RELEASE_WEIGHTINGS_2015)

Eurostat Euro indicators dashboard

Eurostat €-indicators release calendar

European Statistics Code of Practice

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Industrial production

% change compared with previous month*

	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
Euro area						
Total industry	-1.6	0.0	1.3	1.0	-2.3	1.5
Intermediate goods	-1.8	0.6	0.2	0.0	-0.9	-0.5
Energy	0.9	2.3	-3.5	1.1	-0.2	-2.1
Capital goods	-2.4	0.9	2.7	3.2	-3.8	2.8
Durable consumer goods	0.8	0.4	1.2	-1.1	-1.3	0.9
Non-durable consumer goods	-2.4	0.6	2.9	-4.7	1.6	0.7
EU						
Total industry	-1.0	-0.1	1.0	0.9	-1.5	1.1
Intermediate goods	-1.3	0.1	0.3	-0.2	-0.9	-0.4
Energy	2.9	-0.5	-3.4	1.0	0.3	-2.0
Capital goods	-2.3	1.1	2.7	2.7	-2.8	2.0
Durable consumer goods	0.4	0.2	0.9	-1.4	-1.5	0.3
Non-durable consumer goods	-1.1	1.0	2.4	-3.5	1.3	0.9

Source dataset: [sts_inpr_m](#)

Total industry	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
Euro area	-1.6	0.0	1.3	1.0	-2.3	1.5
EU	-1.0	-0.1	1.0	0.9	-1.5	1.1
Belgium	-0.2	-1.5	0.6	-2.5	1.5	-6.1
Bulgaria	5.2	0.0	1.4	-0.7	1.1	0.7
Czechia	2.1	-1.3	2.0	1.9	-0.3	0.9
Denmark	4.3	0.5	3.2	1.5	-2.1	4.3
Germany	-4.8	1.8	0.1	1.3	-0.4	-0.5
Estonia	5.1	1.0	-0.4	-2.0	-7.5	5.0
Ireland**	1.1	-13.7	19.7	9.6	-20.6	16.6
Greece	5.2	-7.6	3.0	3.5	0.8	-1.3
Spain	-2.0	2.4	-0.1	1.1	-1.0	0.5
France	-0.4	-0.4	0.3	1.3	-1.6	2.5
Croatia	0.8	-1.2	0.4	0.6	-1.1	-0.8
Italy	0.1	1.3	-1.0	-2.0	0.5	2.3
Cyprus	3.9	-0.9	-0.7	-4.6	3.0	:
Latvia	3.4	-0.2	0.2	-2.1	-1.2	0.5
Lithuania	12.4	-6.7	-7.5	-2.3	9.3	3.1
Luxembourg	-4.4	3.2	-2.2	-0.3	0.5	-0.4
Hungary	-0.2	-1.5	1.4	0.7	1.0	0.1
Malta	5.8	-4.8	3.5	4.4	4.9	-0.2
Netherlands	0.2	5.5	-1.8	-0.7	0.0	-1.5
Austria	-0.2	0.9	0.5	-0.1	-3.9	2.7
Poland	0.6	-0.4	-0.7	-0.2	0.5	0.3
Portugal	5.1	-2.1	-0.5	-1.1	-0.7	2.9
Romania	-0.9	0.3	-0.7	-2.4	0.5	0.1
Slovenia	4.0	0.2	1.0	-0.2	0.5	1.2
Slovakia	-5.2	-1.0	2.1	-1.8	1.2	-0.9
Finland	-1.4	3.4	0.1	1.0	-2.6	0.4
Sweden	1.6	-1.5	0.2	1.6	7.8	-7.0
Norway	2.5	-0.3	0.8	-1.6	2.1	3.2
Switzerland	0.7	-2.8	1.2	4.7	:	:

* Calendar and seasonally adjusted

** CSO Ireland is carrying out a review of the seasonal adjustment methodology for industrial production.

: Data not available

Source dataset: [sts_inpr_m](#)

Industrial production

% change compared with same month of the previous year*

	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
Euro area						
Total industry	-1.0	-2.5	1.6	2.1	-2.5	2.5
Intermediate goods	-0.3	-0.3	0.2	-0.3	-1.9	-0.5
Energy	-1.5	-0.1	-1.9	0.4	0.4	-2.9
Capital goods	-3.5	-9.0	1.0	8.0	-5.0	8.2
Durable consumer goods	6.7	5.9	6.8	4.3	2.4	7.0
Non-durable consumer goods	2.3	3.1	6.2	-3.3	-1.6	0.4
EU						
Total industry	0.4	-0.9	2.7	3.2	-0.8	3.5
Intermediate goods	0.8	0.5	0.9	0.2	-1.4	0.1
Energy	4.2	2.4	0.8	2.4	2.8	-0.5
Capital goods	-3.3	-7.6	1.7	7.9	-3.2	8.9
Durable consumer goods	6.5	5.3	5.6	2.8	1.7	4.2
Non-durable consumer goods	4.4	6.2	8.1	0.8	1.7	3.2

Source dataset: [sts_inpr_m](#)

Total industry	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
Euro area	-1.0	-2.5	1.6	2.1	-2.5	2.5
EU	0.4	-0.9	2.7	3.2	-0.8	3.5
Belgium	4.1	-1.8	-1.1	-11.2	-5.3	-10.3
Bulgaria	19.3	17.3	20.5	17.7	18.0	16.5
Czechia	-1.3	-4.6	1.6	2.7	0.9	7.2
Denmark	11.2	15.9	18.5	24.5	13.8	14.1
Germany	-4.7	-2.7	-1.5	0.3	-0.9	2.4
Estonia	7.9	4.0	4.8	0.0	-6.5	0.7
Ireland	-8.2	-31.0	3.1	19.4	-24.5	8.9
Greece	9.1	-4.8	4.2	9.3	6.8	4.2
Spain	-1.0	2.8	5.1	7.5	4.9	5.4
France	-0.5	-0.8	-0.2	1.2	-1.3	0.8
Croatia	0.9	1.6	3.0	3.9	2.9	0.7
Italy	3.3	3.9	3.4	-1.1	-1.3	2.9
Cyprus	6.4	4.5	3.3	1.3	1.4	:
Latvia	6.3	4.1	6.4	0.7	-2.9	-0.3
Lithuania	27.5	21.0	4.6	1.5	9.8	14.4
Luxembourg	-3.2	-0.5	-1.4	-3.0	0.5	-2.5
Hungary	4.4	4.8	3.5	4.7	6.6	9.3
Malta	2.2	-10.9	-4.1	-1.8	6.1	12.2
Netherlands	0.8	7.8	4.6	2.3	1.1	1.6
Austria	8.6	9.2	10.2	10.1	3.6	5.2
Poland	15.5	15.1	12.4	10.5	9.7	11.0
Portugal	0.9	-1.6	3.2	4.5	-0.1	4.1
Romania	-2.6	-7.1	2.6	-3.1	-0.9	-1.7
Slovenia	4.3	2.5	3.9	1.9	4.1	4.8
Slovakia	-7.2	-9.6	1.1	-5.6	-6.4	-2.0
Finland	2.1	6.9	5.1	8.6	2.7	2.3
Sweden	1.6	-0.1	1.1	1.8	9.6	3.1
Norway	3.0	3.0	5.0	2.2	1.7	4.8
Switzerland	4.5	0.5	4.6	10.4	:	:

* Calendar adjusted

: Data not available

Source dataset: [sts_inpr_m](#)

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

	08-21	09-21	10-21	11-21	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22
Euro area	102.8	102.7	101.7	104.4	105.9	105.1	105.6	103.9	103.9	105.2	106.2	103.8	105.4
EU	105.5	105.1	104.6	107.5	108.7	108.3	108.8	107.7	107.6	108.7	109.7	108.0	109.2
Belgium	131.0	130.7	132.7	125.8	128.3	129.1	128.0	127.7	125.8	126.5	123.4	125.3	117.7
Bulgaria	111.3	113.0	114.0	115.8	117.3	119.9	120.3	126.6	126.6	128.4	127.5	128.9	129.8
Czechia	110.4	107.4	108.0	114.6	110.5	114.1	110.5	112.8	111.3	113.5	115.6	115.3	116.3
Denmark	120.0	111.6	115.3	119.5	119.6	120.3	122.1	127.4	128.0	132.1	134.1	131.3	137.0
Germany	92.4	92.4	95.3	96.0	97.1	97.3	97.7	93.0	94.7	94.8	96.0	95.6	95.1
Estonia	122.9	128.9	124.8	128.5	130.4	123.6	123.0	129.3	130.6	130.1	127.5	118.0	123.9
Ireland*	135.5	130.9	90.4	125.5	139.7	130.9	135.0	136.5	117.8	141.0	154.5	122.6	142.9
Greece	116.8	118.6	121.0	120.2	120.7	115.4	118.2	124.4	115.0	118.5	122.6	123.6	122.0
Spain	101.3	102.6	103.1	105.3	105.4	105.1	106.2	104.1	106.6	106.5	107.7	106.6	107.1
France	98.6	97.5	98.5	97.8	97.8	99.6	98.2	97.8	97.4	97.7	99.0	97.4	99.8
Croatia	110.2	109.0	110.3	109.8	112.2	112.4	112.7	113.6	112.2	112.6	113.3	112.0	111.1
Italy	104.5	105.2	104.6	106.6	105.5	102.0	106.0	106.1	107.5	106.4	104.3	104.8	107.2
Cyprus	134.8	128.5	132.2	131.3	130.2	132.0	133.3	138.5	137.2	136.2	129.9	133.8	:
Latvia	122.5	123.9	122.6	122.5	126.5	125.4	122.3	126.4	126.2	126.5	123.8	122.3	122.9
Lithuania	140.2	148.4	150.3	150.7	155.9	158.8	152.1	171.0	159.5	147.6	144.2	157.6	162.5
Luxembourg	95.8	95.4	94.9	95.4	97.1	97.5	97.4	93.1	96.1	94.0	93.7	94.2	93.8
Hungary	116.2	115.8	116.7	120.4	121.2	122.6	125.1	124.9	123.0	124.7	125.6	126.9	127.0
Malta	99.5	99.2	100.7	99.7	98.9	100.3	97.6	103.3	98.3	101.7	106.2	111.4	111.2
Netherlands	102.7	103.5	103.0	104.0	105.9	105.0	103.5	103.7	109.4	107.4	106.6	106.6	105.0
Austria	119.7	118.7	121.8	124.4	126.8	130.7	126.4	126.2	127.3	127.9	127.8	122.8	126.1
Poland	136.8	137.7	140.3	145.8	145.8	149.3	152.2	153.1	152.5	151.5	151.2	151.9	152.4
Portugal	96.7	98.6	99.0	101.0	102.4	97.2	98.0	103.0	100.8	100.3	99.2	98.5	101.4
Romania	108.9	106.4	107.0	110.2	111.5	113.5	112.1	111.1	111.4	110.6	108.0	108.5	108.6
Slovenia	128.2	128.6	129.1	133.7	135.8	136.8	125.9	130.9	131.1	132.4	132.2	132.9	134.5
Slovakia	109.0	107.6	111.0	120.2	118.9	115.9	113.4	107.5	106.4	108.6	106.6	107.9	106.9
Finland	114.6	115.1	115.2	116.0	119.7	116.1	116.5	114.9	118.8	118.9	120.1	117.0	117.5
Sweden	112.8	113.2	114.9	115.0	115.3	114.4	114.0	115.8	114.1	114.3	116.1	125.1	116.3
Norway	106.1	109.9	104.0	101.0	103.8	104.7	103.8	106.4	106.1	106.9	105.2	107.4	110.8
Switzerland	123.0	123.4	118.5	126.7	126.0	126.5	130.2	131.1	127.4	128.9	134.9	:	:

* CSO Ireland is carrying out a review of the seasonal adjustment methodology for industrial production.

: Data not available

Source dataset: [sts_inpr_m](#)

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

	08-19	08-20	08-21	09-21	10-21	11-21	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22
Euro area	88.2	82.7	87.1	108.0	109.2	110.1	99.8	102.4	102.2	110.1	103.0	104.4	107.4	105.2	89.3
EU	90.8	85.8	90.5	110.2	112.1	113.5	103.0	105.5	105.5	114.6	106.6	108.1	111.2	107.4	93.7
Belgium	108.6	101.7	120.8	135.9	140.5	126.6	125.3	126.7	124.2	137.0	122.3	125.0	132.2	117.8	108.3
Bulgaria	102.7	96.8	106.6	113.2	119.0	122.8	119.7	116.1	114.6	133.1	123.6	123.4	129.6	132.4	124.2
Czechia	103.6	99.6	98.3	110.9	115.5	125.0	103.5	110.6	107.0	121.8	110.9	115.4	120.6	103.9	105.4
Denmark	106.7	100.7	115.2	119.2	124.6	126.4	116.0	121.7	118.2	134.3	123.4	130.8	135.1	115.3	131.5
Germany	94.1	84.4	86.4	96.6	98.5	102.3	92.1	91.3	94.5	100.8	93.4	93.2	97.4	95.7	88.5
Estonia	117.0	114.8	120.8	133.5	133.9	134.2	125.1	118.3	115.9	137.3	130.4	135.5	127.9	106.3	121.7
Ireland	82.8	85.9	114.7	162.4	133.7	137.0	116.4	152.9	108.4	111.6	117.7	122.9	125.6	126.7	124.9
Greece	105.0	100.8	111.3	123.2	118.7	117.4	120.4	105.5	114.9	126.0	113.2	118.4	128.2	137.4	116.0
Spain	85.3	80.1	81.4	104.8	108.0	111.4	97.0	102.0	105.9	107.5	105.1	112.0	112.8	112.5	85.8
France	79.5	73.1	76.2	98.8	104.9	101.7	98.7	103.0	98.1	106.9	97.2	92.9	102.9	95.4	76.8
Croatia	92.5	91.4	96.2	110.8	117.7	114.2	109.1	101.8	109.2	119.9	112.3	115.1	114.1	118.3	96.9
Italy	70.5	70.0	70.0	111.1	114.0	112.1	92.4	96.1	108.5	117.4	107.6	114.1	107.9	114.9	72.0
Cyprus	118.9	110.5	119.5	138.7	137.0	128.5	129.7	123.5	125.0	135.6	129.7	136.2	140.1	156.1	:
Latvia	128.4	124.7	129.9	129.9	130.5	126.7	132.2	99.7	102.6	124.1	127.8	131.8	132.4	124.1	129.5
Lithuania	116.7	120.0	136.4	148.0	157.4	156.1	160.5	154.7	147.4	179.5	157.2	145.7	141.7	149.2	156.1
Luxembourg	89.1	78.9	83.8	97.8	100.5	97.2	90.3	94.9	95.3	101.4	98.4	94.7	96.2	94.0	81.7
Hungary	103.6	103.6	103.9	123.1	123.7	128.0	109.5	117.8	126.7	135.6	121.3	126.2	130.2	122.8	113.6
Malta	105.2	101.2	97.1	103.4	107.8	100.7	84.1	96.9	90.3	103.4	97.7	103.7	111.6	122.2	108.9
Netherlands	93.2	89.3	93.5	106.1	108.1	109.3	105.6	103.3	98.2	109.7	107.9	107.0	109.5	103.3	95.0
Austria	99.2	95.8	105.4	123.9	128.0	132.2	124.7	116.4	119.8	138.3	127.2	126.7	132.8	124.6	110.9
Poland	112.9	114.5	126.5	140.5	149.3	152.8	140.0	144.3	148.2	166.9	152.8	150.6	151.0	145.1	140.4
Portugal	87.1	89.2	82.4	101.0	100.4	103.5	92.8	97.6	96.5	106.8	99.6	104.7	102.6	104.2	85.8
Romania	102.2	99.2	100.5	108.7	110.9	116.2	105.8	108.6	107.7	116.4	106.9	115.3	110.2	109.3	98.8
Slovenia	104.2	101.8	107.9	133.3	136.5	139.0	122.2	132.3	123.5	144.3	131.2	137.5	136.9	134.0	113.1
Slovakia	101.4	100.5	101.3	109.0	118.2	127.6	110.9	112.7	114.5	117.2	103.0	111.9	112.0	97.2	99.3
Finland	109.1	105.8	109.6	117.8	121.1	121.5	132.6	109.1	108.8	121.0	119.3	117.9	121.7	102.3	112.1
Sweden	96.3	94.6	96.0	116.1	122.1	123.3	118.1	111.2	113.0	130.8	115.8	115.0	122.8	99.1	99.0
Norway	92.3	100.0	103.0	103.7	109.9	107.7	107.7	112.7	103.9	111.5	103.0	106.2	100.1	94.3	107.9
Switzerland	103.7	98.3	106.7	126.8	126.2	133.4	123.4	123.9	123.6	144.1	119.3	125.7	147.0	:	:

: Data not available

Source dataset: [sts_inpr_m](#)