

22/2022 - 16 February 2022

December 2021 compared with November 2021

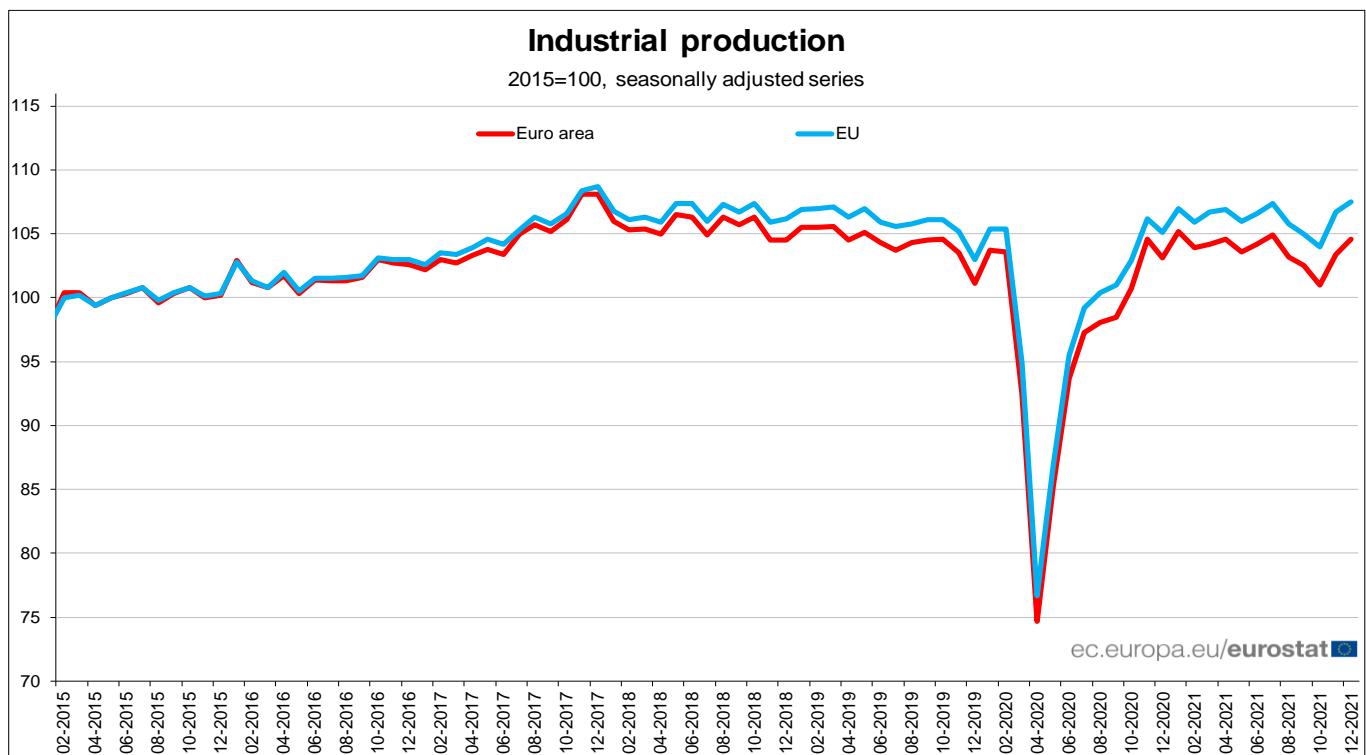
Industrial production up by 1.2% in euro area and by 0.7% in the EU

Up by 1.6% and 2.5% compared with December 2020

In December 2021, the seasonally adjusted industrial production rose by 1.2% in the **euro area** and by 0.7% in the **EU**, compared with November 2021, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2021, industrial production rose by 2.4% in the **euro area** and by 2.6% in the **EU**.

In December 2021 compared with December 2020, industrial production increased by 1.6% in the **euro area** and by 2.5% in the **EU**.

The annual average industrial production for the year 2021, compared with 2020, increased by 7.8% in the **euro area** and by 8.2% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in December 2021, compared with November 2021, production of capital goods rose by 2.6%, intermediate goods by 0.5% and non-durable consumer goods by 0.4%, while production of durable consumer goods fell by 0.3% and energy by 0.8%.

In the **EU**, production of capital goods rose by 1.8%, intermediate goods and energy by 0.2% and non-durable consumer goods by 0.1%, while production of durable consumer goods remained stable.

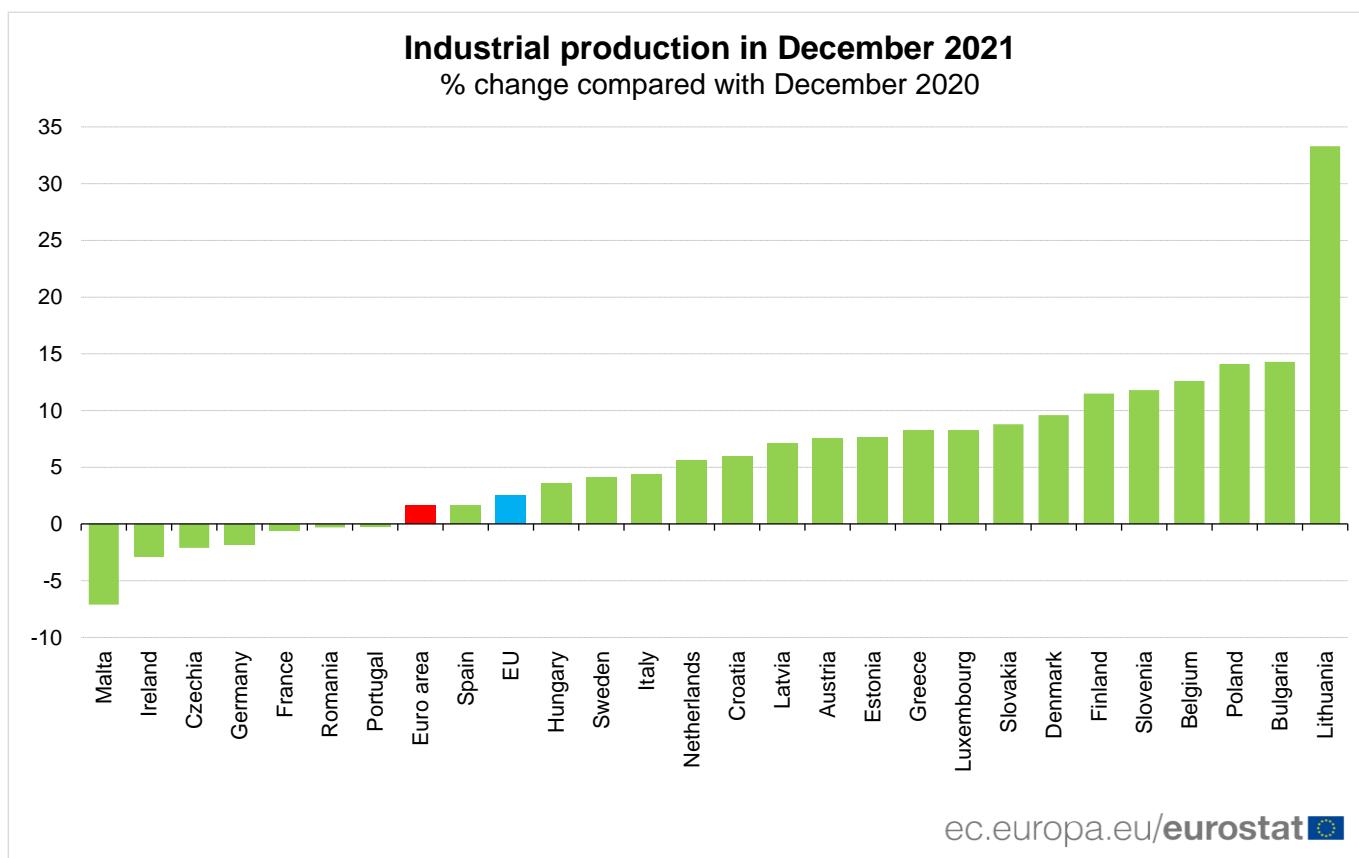
Among Member States for which data are available, the largest monthly increases were registered in **Ireland** (+10.3%), **Lithuania** (+6.2%) and **Luxembourg** (+5.1%). The highest decreases were observed in **Czechia** (-2.9%), **Austria** (-1.1%) and **Italy** (-1.0%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in December 2021, compared with December 2020, production of non-durable consumer goods rose by 7.7%, durable consumer goods by 2.7%, energy by 1.8%, intermediate goods by 1.3%, while production of capital goods fell by 1.0%.

In the **EU**, production of non-durable consumer goods rose by 8.0%, energy by 6.1%, durable consumer goods by 3.2%, intermediate goods by 2.4%, while production of capital goods fell by 0.8%.

Among Member States for which data are available, the largest annual increases were registered in **Lithuania** (+33.3%), **Bulgaria** (+14.3%) and **Poland** (+14.1%). The highest decreases were observed in **Malta** (-7.1%), **Ireland** (-2.9%) and **Czechia** (-2.1%).



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.

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 7/2022 of 12 January 2022, the monthly percentage change for November 2021 has been revised from +2.3% to +2.4% in the euro area and from +2.5% to +2.6% in the EU. The annual percentage change has been revised from -1.5% to -1.4% in the euro area and from +0.0% to +0.2% 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 €-indicators release calendar

European Statistics Code of Practice

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Industrial production
 % change compared with previous month*

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Euro area						
Total industry	0.7	-1.6	-0.7	-1.5	2.4	1.2
Intermediate goods	0.5	-1.3	-0.2	-0.1	1.0	0.5
Energy	-0.4	0.6	1.4	0.5	1.6	-0.8
Capital goods	2.4	-2.2	-1.5	1.2	1.4	2.6
Durable consumer goods	0.4	-3.1	0.7	1.9	0.2	-0.3
Non-durable consumer goods	1.2	-1.8	0.1	-4.4	3.5	0.4
EU						
Total industry	0.8	-1.5	-0.8	-1.0	2.6	0.7
Intermediate goods	0.3	-1.4	0.0	0.0	1.5	0.2
Energy	0.0	0.7	1.2	2.2	1.1	0.2
Capital goods	2.2	-2.8	-1.5	1.4	2.3	1.8
Durable consumer goods	-0.6	-2.6	0.9	1.5	0.4	0.0
Non-durable consumer goods	1.0	-0.6	-0.4	-3.3	3.2	0.1

Source dataset: [sts_inpr_m](#)

Total industry	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Euro area	0.7	-1.6	-0.7	-1.5	2.4	1.2
EU	0.8	-1.5	-0.8	-1.0	2.6	0.7
Belgium	-4.3	-2.3	0.4	1.7	-4.8	1.8
Bulgaria	0.9	2.1	1.4	1.0	1.9	0.8
Czechia	0.5	-2.0	-3.3	1.0	4.8	-2.9
Denmark	4.7	4.3	-7.0	2.9	2.8	-0.8
Germany	1.0	-3.7	-0.7	2.8	0.4	1.1
Estonia	-1.0	-2.9	4.4	-2.9	2.6	2.2
Ireland**	1.9	-3.1	-4.8	-32.6	34.2	10.3
Greece	2.6	0.6	1.5	2.4	-1.0	0.3
Spain	0.6	-0.4	0.3	-0.3	1.8	-0.6
France	0.4	1.0	-1.6	0.9	-0.5	-0.2
Croatia	-1.0	0.8	-0.8	1.2	-0.5	2.0
Italy	1.0	-0.2	0.1	-0.6	2.1	-1.0
Cyprus	-0.4	6.2	-1.5	2.4	-0.1	:
Latvia	1.1	-1.9	1.6	-1.1	0.2	3.8
Lithuania	-0.1	1.1	5.0	1.4	1.4	6.2
Luxembourg	-2.6	3.2	-1.0	-0.3	-1.6	5.1
Hungary	-0.6	-2.8	-0.2	0.6	2.9	-0.1
Malta	-1.3	-6.3	-0.5	1.6	-2.5	-0.7
Netherlands	0.9	-2.5	0.9	-0.4	0.7	1.0
Austria	1.9	1.0	-1.6	2.8	1.7	-1.1
Poland	0.9	-1.2	0.7	1.8	5.4	-0.9
Portugal	3.6	-1.9	2.0	0.4	1.2	1.8
Romania	-0.9	-0.4	-2.3	0.6	3.0	1.2
Slovenia	-1.6	0.6	0.5	1.0	3.2	1.1
Slovakia	2.1	-3.2	-1.0	3.7	3.9	0.8
Finland	0.4	1.4	0.7	0.2	0.8	3.1
Sweden	0.3	-1.8	0.0	1.9	0.0	0.3
Norway	0.0	2.7	3.2	-5.3	-3.0	2.9
Switzerland	0.7	-0.4	1.0	:	:	:

* 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*

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Euro area						
Total industry	8.4	5.6	4.0	0.1	-1.4	1.6
Intermediate goods	11.2	6.9	4.9	2.4	2.0	1.3
Energy	-0.4	-1.9	0.0	-0.8	4.3	1.8
Capital goods	7.6	4.8	2.9	-2.4	-9.5	-1.0
Durable consumer goods	9.6	-1.9	1.8	2.6	5.0	2.7
Non-durable consumer goods	10.7	10.9	7.6	1.3	5.9	7.7
EU						
Total industry	8.8	5.6	3.9	0.9	0.2	2.5
Intermediate goods	11.7	7.1	5.3	2.8	2.9	2.4
Energy	1.1	0.3	2.2	3.5	7.2	6.1
Capital goods	8.0	3.7	1.5	-2.8	-8.1	-0.8
Durable consumer goods	8.7	-0.4	2.3	2.9	5.4	3.2
Non-durable consumer goods	10.3	10.3	7.6	3.2	7.0	8.0

Source dataset: [sts_inpr_m](#)

Total industry	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
Euro area	8.4	5.6	4.0	0.1	-1.4	1.6
EU	8.8	5.6	3.9	0.9	0.2	2.5
Belgium	21.8	18.8	17.8	12.9	8.5	12.6
Bulgaria	8.6	10.7	9.8	9.7	13.7	14.3
Czechia	5.1	-1.6	-3.9	-5.0	1.6	-2.1
Denmark	15.9	14.4	5.3	15.0	9.9	9.6
Germany	6.3	2.4	-0.8	-1.4	-2.2	-1.8
Estonia	7.9	5.3	8.2	2.5	6.4	7.6
Ireland	26.3	33.5	25.1	-10.9	-30.6	-2.9
Greece	8.3	10.3	10.5	17.1	8.6	8.3
Spain	3.3	1.8	0.7	-0.8	4.5	1.6
France	4.3	4.9	0.4	-0.3	-0.3	-0.6
Croatia	4.0	5.4	2.8	2.6	3.6	6.0
Italy	7.2	-0.1	4.5	1.9	6.6	4.4
Cyprus	7.2	-19.2	3.8	17.5	4.4	:
Latvia	9.0	4.3	5.9	2.7	1.0	7.1
Lithuania	17.2	14.5	20.2	22.8	23.7	33.3
Luxembourg	2.4	6.1	0.8	0.1	-2.4	8.3
Hungary	10.2	0.4	-1.7	-2.6	2.2	3.6
Malta	7.5	-4.3	-3.8	-5.2	-6.0	-7.1
Netherlands	9.8	5.3	7.0	2.9	4.8	5.6
Austria	11.4	11.0	7.0	8.2	10.5	7.5
Poland	12.2	10.5	8.7	10.0	14.9	14.1
Portugal	0.3	-7.6	-4.5	-6.0	0.2	-0.2
Romania	5.6	1.3	-3.7	-6.4	-0.3	-0.3
Slovenia	7.0	6.1	6.3	4.2	9.1	11.8
Slovakia	7.8	0.7	-4.7	-0.6	4.3	8.8
Finland	3.4	4.0	6.5	5.0	5.4	11.5
Sweden	11.0	1.7	2.8	5.2	4.9	4.1
Norway	1.4	3.0	8.2	7.0	2.5	2.0
Switzerland	10.3	8.6	6.5	:	:	:

* Calendar adjusted

: Data not available

Source dataset: [sts_inpr_m](#)

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

	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21	09/21	10/21	11/21	12/21
Euro area	103.1	105.2	103.9	104.2	104.6	103.6	104.2	104.9	103.2	102.5	101.0	103.4	104.6
EU	105.1	107.0	105.9	106.7	106.9	106.0	106.6	107.4	105.8	105.0	104.0	106.7	107.5
Belgium	114.0	120.7	118.5	123.0	128.3	128.4	138.9	132.9	129.8	130.3	132.5	126.1	128.4
Bulgaria	102.3	103.3	104.2	109.2	108.8	107.3	107.7	108.7	111.0	112.5	113.6	115.8	116.7
Czechia	113.6	112.4	110.7	113.3	114.8	111.3	112.6	113.2	110.9	107.2	108.3	113.5	110.2
Denmark	108.1	109.4	108.2	114.2	111.3	112.2	110.4	115.6	120.6	112.2	115.4	118.6	117.7
Germany	96.6	96.7	94.6	95.4	95.3	94.4	94.1	95.0	91.5	90.9	93.4	93.8	94.8
Estonia	117.6	115.4	115.4	115.5	121.3	120.3	124.0	122.7	119.1	124.3	120.7	123.8	126.5
Ireland*	142.8	159.0	162.6	153.2	150.2	147.1	145.7	148.5	143.9	137.0	92.3	123.9	136.6
Greece	110.9	114.6	111.7	114.2	119.1	113.8	113.1	116.0	116.7	118.4	121.2	120.0	120.4
Spain	102.3	101.5	101.9	102.1	103.1	102.3	102.6	103.2	102.8	103.1	102.8	104.6	104.0
France	98.4	101.7	96.9	97.8	97.7	97.3	97.9	98.3	99.3	97.7	98.6	98.1	97.9
Croatia	105.3	107.3	109.7	113.3	110.6	109.2	109.9	108.8	109.7	108.8	110.1	109.5	111.7
Italy	100.7	102.3	102.4	102.8	104.5	102.8	103.9	104.9	104.7	104.8	104.2	106.4	105.3
Cyprus	130.2	138.7	139.0	139.0	140.5	141.6	134.7	134.1	142.4	140.2	143.6	143.4	:
Latvia	119.5	118.6	120.0	120.6	123.9	121.2	122.8	124.2	121.8	123.7	122.3	122.5	127.1
Lithuania	120.6	123.5	127.6	133.9	133.1	138.2	138.1	138.0	139.5	146.5	148.6	150.7	160.0
Luxembourg	90.8	96.3	94.7	95.3	96.5	94.6	95.3	92.8	95.8	94.8	94.5	93.0	97.7
Hungary	115.8	115.0	120.7	120.7	116.8	120.6	120.2	119.5	116.2	116.0	116.7	120.1	120.0
Malta	105.5	104.7	100.1	101.7	107.7	104.2	108.4	107.0	100.3	99.8	101.4	98.9	98.2
Netherlands	99.8	101.4	99.2	102.3	102.5	103.0	105.2	106.1	103.4	104.3	103.9	104.6	105.6
Austria	113.5	114.5	114.4	116.2	117.2	116.3	116.6	118.8	120.0	118.1	121.4	123.5	122.2
Poland	128.0	129.8	130.2	133.7	132.7	134.8	136.2	137.4	135.7	136.6	139.1	146.6	145.3
Portugal	101.7	100.9	102.1	101.7	102.2	97.3	95.2	98.6	96.7	98.6	99.0	100.2	102.0
Romania	112.8	113.5	113.4	115.8	120.1	110.0	110.3	109.3	108.9	106.4	107.0	110.2	111.5
Slovenia	121.5	124.7	126.1	126.7	128.1	127.5	129.4	127.3	128.1	128.7	130.0	134.2	135.7
Slovakia	112.8	114.2	114.1	114.4	113.2	110.9	111.9	114.2	110.5	109.4	113.4	117.8	118.7
Finland	108.5	110.2	112.8	110.6	112.2	114.4	112.5	113.0	114.6	115.4	115.6	116.5	120.1
Sweden	111.5	111.4	112.6	114.7	114.2	113.9	115.2	115.6	113.5	113.5	115.7	115.7	116.1
Norway	102.2	103.4	102.0	103.0	102.9	102.5	103.7	103.7	106.5	109.9	104.1	101.0	103.9
Switzerland	115.8	118.7	119.2	126.9	125.9	122.3	122.2	123.0	122.5	123.7	:	:	:

* 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)

	12/18	12/19	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21	09/21	10/21	11/21	12/21
Euro area	99.1	95.7	97.3	103.5	99.9	110.2	104.9	102.1	104.6	107.3	87.0	107.4	108.5	109.1	98.9
EU	101.1	97.9	99.6	105.0	102.1	113.2	107.1	104.7	107.3	107.8	90.4	109.7	111.6	112.7	102.1
Belgium	105.0	115.9	111.3	118.1	114.7	131.6	124.6	126.4	148.9	124.4	120.8	135.9	140.5	127.0	125.3
Bulgaria	109.3	107.5	104.3	99.6	100.2	112.1	105.5	102.4	110.4	112.4	107.0	113.4	119.3	123.3	119.2
Czechia	106.0	102.8	105.3	108.9	107.8	122.8	115.7	113.2	117.1	102.6	98.0	110.9	115.9	125.4	103.1
Denmark	116.7	109.4	105.1	110.9	104.2	120.7	106.5	110.3	108.7	101.1	115.2	119.4	124.5	126.1	115.2
Germany	98.3	92.1	91.2	90.6	91.2	103.2	94.4	93.1	95.5	95.0	85.8	94.9	96.6	99.8	89.6
Estonia	112.3	111.7	112.8	110.5	108.9	122.4	120.8	125.1	124.4	111.1	117.1	128.8	129.5	129.3	121.4
Ireland	79.1	76.8	126.0	189.3	127.6	121.6	170.6	119.2	105.2	167.8	114.7	162.4	133.7	137.0	122.4
Greece	110.2	105.8	110.0	106.4	108.9	115.6	119.0	113.7	117.3	128.7	111.2	122.4	118.4	116.7	119.1
Spain	95.5	96.1	95.2	100.2	101.3	108.5	102.2	106.6	105.0	107.1	81.4	104.8	108.0	111.4	96.7
France	104.7	101.8	98.7	103.7	96.4	107.2	98.1	93.1	102.0	97.0	76.4	99.4	105.3	101.6	98.1
Croatia	105.0	102.6	102.8	97.2	105.8	118.8	110.5	111.8	109.8	115.0	96.3	110.8	117.7	114.2	109.0
Italy	93.3	89.5	88.2	98.6	104.4	113.1	103.1	109.8	108.6	115.8	69.8	110.5	113.5	111.8	92.1
Cyprus	131.9	130.3	129.9	127.8	131.2	138.8	138.7	145.0	148.7	152.7	107.4	146.4	150.7	146.1	:
Latvia	122.0	118.1	123.5	94.1	102.9	116.8	122.8	123.9	131.5	127.8	129.9	130.0	130.5	126.7	132.3
Lithuania	119.8	118.7	120.4	124.5	122.3	139.3	128.3	137.4	137.6	134.1	135.6	146.2	155.5	156.1	160.5
Luxembourg	98.4	86.3	84.1	93.4	91.8	104.3	98.4	95.8	97.6	92.9	84.0	97.4	100.3	94.5	91.1
Hungary	105.6	101.8	104.7	110.4	120.9	130.2	115.7	122.0	124.8	115.4	104.0	123.6	124.0	128.0	108.5
Malta	86.1	94.4	90.0	101.5	94.1	101.3	109.6	107.5	113.6	115.1	96.9	103.7	108.2	99.5	83.6
Netherlands	101.9	100.4	99.6	101.2	95.5	109.2	100.2	102.3	107.2	102.9	94.0	106.6	108.3	109.5	105.2
Austria	117.9	111.3	111.0	101.0	108.2	127.9	116.3	114.5	121.1	121.0	106.3	124.2	128.6	131.8	119.3
Poland	114.4	115.9	123.0	125.0	126.0	144.5	132.7	134.0	136.7	132.3	126.5	140.5	149.3	152.8	140.4
Portugal	93.3	96.8	92.6	102.1	102.1	105.8	101.2	101.5	98.2	104.3	82.4	101.0	100.4	102.7	92.4
Romania	116.2	105.9	106.1	107.7	106.9	119.5	115.1	112.4	113.7	110.3	100.5	108.7	110.9	116.2	105.8
Slovenia	109.7	110.5	109.1	119.6	123.6	138.4	127.9	132.3	134.5	129.0	108.0	133.6	137.9	139.9	122.0
Slovakia	102.9	95.5	101.8	109.5	114.7	126.3	114.0	110.8	118.7	103.9	101.3	109.1	118.3	127.7	110.8
Finland	121.5	121.2	118.6	104.5	105.8	118.8	111.8	112.3	112.2	99.7	110.0	118.0	121.3	121.7	132.2
Sweden	113.8	113.3	114.4	109.0	112.3	129.1	116.3	114.1	120.9	90.8	96.3	116.5	123.3	124.4	119.1
Norway	101.6	102.9	105.7	112.5	102.2	108.2	100.0	101.3	97.9	92.7	103.0	103.7	109.9	107.6	107.8
Switzerland	116.0	114.2	114.8	116.5	110.7	138.0	118.7	120.0	133.3	121.3	106.8	126.5	:	:	:

: Data not available

Source dataset: [sts_inpr_m](#)