

43/2023 - 13 April 2023

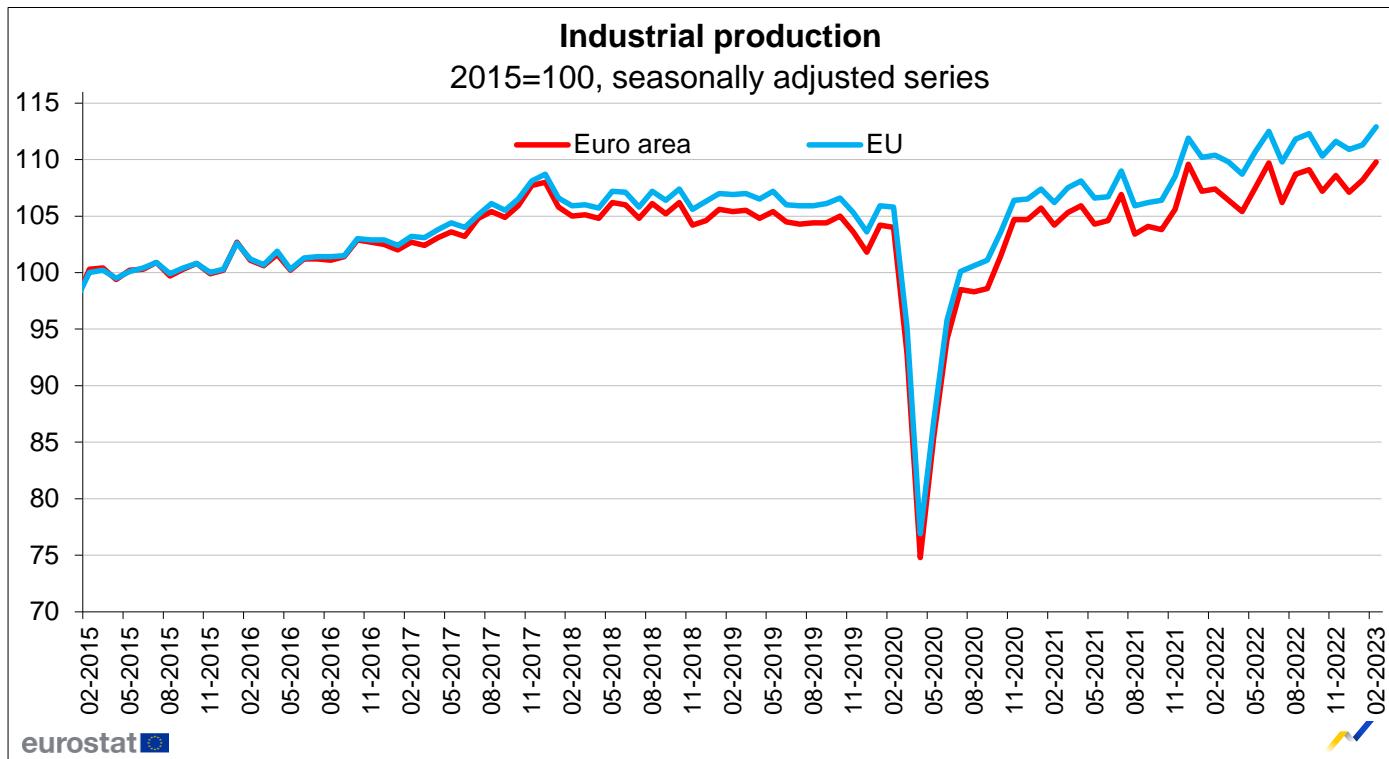
February 2023 compared with January 2023

Industrial production up by 1.5% in the euro area and by 1.4% in the EU

Up by 2.0% in the euro area and by 2.1% in the EU compared with February 2022

In February 2023, the seasonally adjusted industrial production increased by 1.5% in the **euro area** and by 1.4% in the **EU**, compared with January 2023, according to estimates from **Eurostat, the statistical office of the European Union**. In January 2023, industrial production increased by 1.0% in the **euro area** and by 0.4% in the **EU**.

In February 2023 compared with February 2022, industrial production increased by 2.0% in the **euro area** and by 2.1% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in February 2023, compared with January 2023, production of capital goods grew by 2.2%, non-durable consumer goods by 1.9%, intermediate goods and energy both by 1.1% and durable consumer goods by 0.2%.

In the **EU**, production of non-durable consumer goods grew by 2.4%, capital goods by 2.1%, energy by 1.2%, intermediate goods by 0.6% and durable consumer goods remained stable.

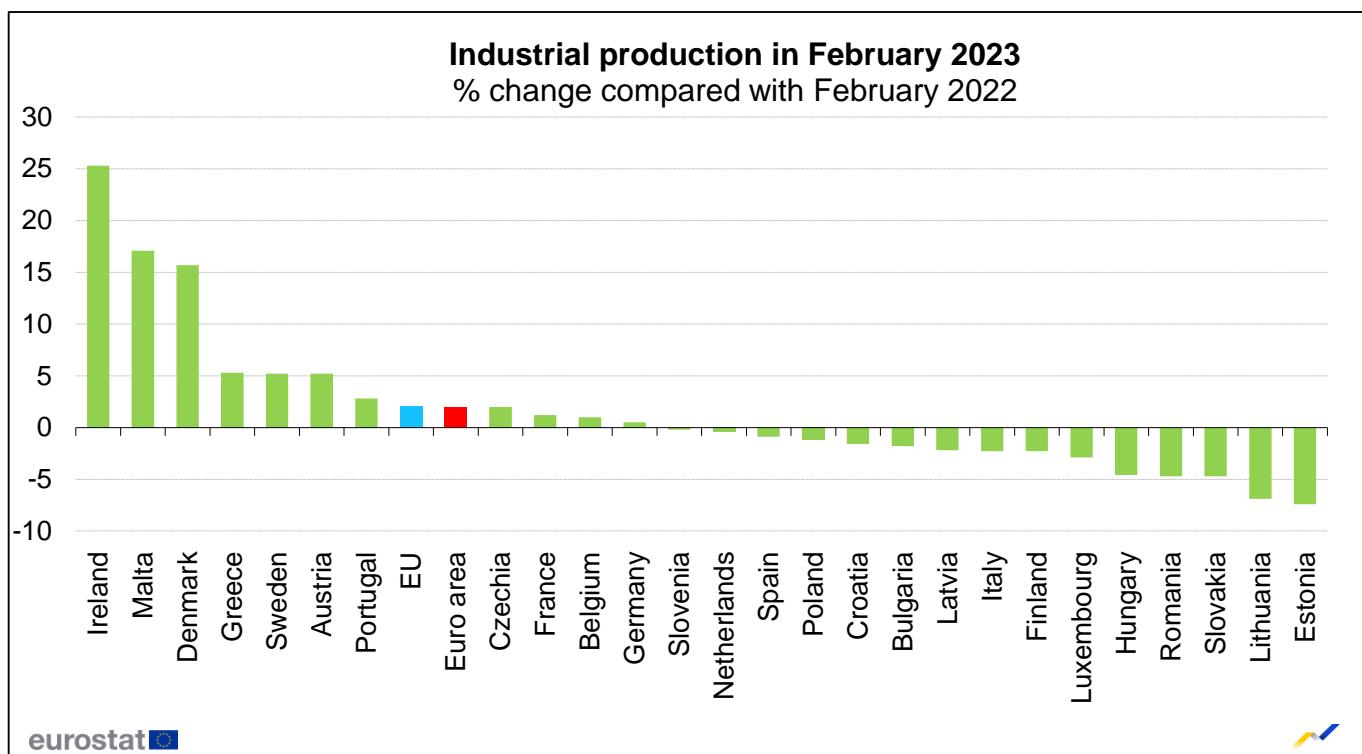
Among Member States for which data are available, the highest monthly increases were registered in **Belgium (+6.1%)**, **Luxembourg (+4.9%)** and **Greece (+4.8%)**. The largest decreases were observed in **Slovenia (-3.6%)**, **Finland (-2.3%)** and **Portugal (-2.0%)**.

Annual comparison by main industrial grouping and by Member State

In the **euro area** in February 2023, compared with February 2022, production of capital goods rose by 10.4% and non-durable consumer goods by 3.3%, while production of energy fell by 3.3%, durable consumer goods by 3.5% and intermediate goods by 4.9%.

In the **EU**, production of capital goods rose by 10.3% and non-durable consumer goods by 5.8%, while production of energy fell by 4.2%, durable consumer goods by 5.1% and intermediate goods by 5.4%.

Among Member States for which data are available, the highest annual increases were registered in **Ireland (+25.3%)**, **Malta (+17.1%)** and **Denmark (+15.7%)**. The largest decreases were observed in **Estonia (-7.4%)**, **Lithuania (-6.9%)**, **Slovakia** and **Romania** and (both -4.7%).



Geographical information

The **euro area** (EA20) includes Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, 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 30/2023 of 15 March 2023, the monthly percentage change for January 2023 has been revised from +0.7% to +1.0% in the euro area and from +0.3% to +0.4% in the EU. The annual percentage increases remained unchanged at +0.9% in the euro area and at +1.0% 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

For further information on data

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Industrial production
 % change compared with previous month*

	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
Euro area						
Total industry	0.4	-1.7	1.3	-1.4	1.0	1.5
Intermediate goods	-0.7	-1.4	0.5	-2.8	1.5	1.1
Energy	-1.9	-4.4	-1.3	3.3	-0.2	1.1
Capital goods	0.3	0.2	0.5	-0.2	0.1	2.2
Durable consumer goods	-0.7	-1.6	0.1	-1.2	-0.5	0.2
Non-durable consumer goods	2.8	0.6	3.5	-2.7	-2.1	1.9
EU						
Total industry	0.4	-1.8	1.2	-0.6	0.4	1.4
Intermediate goods	-0.6	-1.3	0.5	-2.3	1.0	0.6
Energy	-2.3	-3.9	-0.4	2.6	-0.1	1.2
Capital goods	0.9	-0.1	0.8	0.0	-0.1	2.1
Durable consumer goods	-0.3	-1.4	-0.3	-0.6	-1.0	0.0
Non-durable consumer goods	2.6	0.4	2.7	-0.3	-3.3	2.4

Source dataset: [sts_inpr_m](#)

Total industry	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
Euro area	0.4	-1.7	1.3	-1.4	1.0	1.5
EU	0.4	-1.8	1.2	-0.6	0.4	1.4
Belgium	7.5	-1.8	1.0	-2.5	-3.8	6.1
Bulgaria	-2.0	-2.4	0.6	-0.2	-2.5	0.7
Czechia	0.0	-3.7	3.2	0.8	-3.1	0.4
Denmark	2.1	-3.7	2.5	14.5	-9.4	3.1
Germany	1.3	-0.9	0.8	-1.5	1.9	2.1
Estonia	-2.4	-1.6	-4.0	2.2	-0.7	0.2
Ireland**	2.6	-7.3	9.1	-12.7	9.6	3.1
Greece	-5.0	0.4	1.1	0.1	-0.8	4.8
Spain	-0.5	-0.3	-0.7	0.8	-0.8	0.6
France	-0.8	-2.4	1.9	1.3	-1.3	1.1
Croatia	0.5	-0.8	-1.4	0.1	0.9	0.7
Italy	-2.0	-1.1	-0.2	1.2	-0.5	-0.2
Cyprus	-0.1	-0.5	1.9	-0.7	-1.1	:
Latvia	-1.0	0.0	2.8	-2.7	-3.2	2.8
Lithuania	-6.4	-1.7	0.4	-4.0	-0.3	0.8
Luxembourg	1.7	-2.8	0.9	-2.9	-2.2	4.9
Hungary	1.3	-3.9	-0.9	3.6	-5.1	0.3
Malta	1.1	-2.8	3.4	2.1	-1.7	1.0
Netherlands	1.7	-1.1	-1.3	1.9	-3.3	1.1
Austria	-2.3	1.5	-0.7	0.3	2.2	1.4
Poland	0.3	-0.4	1.4	1.0	-2.7	0.7
Portugal	-2.1	-1.8	3.6	3.3	-2.1	-2.0
Romania	-0.5	-0.5	-1.3	-1.6	2.3	-0.2
Slovenia	-3.1	-5.8	6.2	-1.5	2.6	-3.6
Slovakia	-0.7	0.7	-3.0	-0.6	-1.4	2.8
Finland	1.5	-2.3	-1.1	3.3	0.1	-2.3
Sweden	2.1	-1.1	-3.3	0.4	5.1	-0.2
Norway	-2.3	-1.4	-0.4	-0.3	-8.2	-0.1
Switzerland	4.8	-4.3	-2.5	6.2	:	:

* 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*

	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
Euro area						
Total industry	6.1	4.2	3.6	-2.1	0.9	2.0
Intermediate goods	-2.2	-3.2	-3.5	-7.0	-5.4	-4.9
Energy	-3.4	-8.5	-11.4	-7.5	-7.2	-3.3
Capital goods	16.3	11.5	10.8	-1.4	8.2	10.4
Durable consumer goods	3.6	0.2	0.0	-0.8	-0.2	-3.5
Non-durable consumer goods	5.9	10.6	11.2	8.0	3.5	3.3
EU						
Total industry	6.7	4.4	3.4	-0.7	1.0	2.1
Intermediate goods	-1.3	-2.5	-3.3	-6.3	-5.4	-5.4
Energy	-3.0	-9.3	-10.8	-8.2	-7.4	-4.2
Capital goods	16.7	11.9	10.5	0.4	8.3	10.3
Durable consumer goods	2.2	-0.7	-1.8	-1.8	-2.3	-5.1
Non-durable consumer goods	8.3	11.4	11.3	11.3	5.0	5.8

Source dataset: [sts_inpr_m](#)

Total industry	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23
Euro area	6.1	4.2	3.6	-2.1	0.9	2.0
EU	6.7	4.4	3.4	-0.7	1.0	2.1
Belgium	1.3	-2.6	3.8	-1.4	-6.8	1.0
Bulgaria	10.0	4.8	4.3	2.7	-3.5	-1.8
Czechia	9.2	3.6	1.3	4.9	-1.8	2.0
Denmark	20.2	8.4	9.7	26.3	11.8	15.7
Germany	3.9	-0.5	-0.1	-2.3	-1.6	0.5
Estonia	-7.6	-6.6	-12.8	-12.1	-7.9	-7.4
Ireland	34.4	51.4	45.6	-13.7	19.4	25.3
Greece	-1.2	-2.9	-1.0	-1.4	0.9	5.3
Spain	3.8	2.4	-1.3	1.2	-0.6	-0.9
France	1.7	-2.6	0.3	1.6	-2.0	1.2
Croatia	2.4	0.1	-2.3	-2.3	-2.9	-1.6
Italy	-0.6	-1.8	-3.7	-0.9	1.6	-2.3
Cyprus	-1.4	-2.9	1.6	0.0	-2.5	:
Latvia	-3.8	-2.6	3.6	-4.4	-9.7	-2.2
Lithuania	3.5	0.5	0.2	-8.2	-9.9	-6.9
Luxembourg	1.2	-2.0	-1.6	-6.3	-8.1	-2.9
Hungary	11.9	5.1	0.9	5.6	-3.2	-4.6
Malta	13.2	6.4	12.8	16.9	12.5	17.1
Netherlands	3.6	2.5	-0.2	1.1	-3.5	-0.4
Austria	7.2	5.1	2.5	-0.3	-0.9	5.2
Poland	10.0	6.8	4.5	5.9	-0.4	-1.2
Portugal	-0.1	-2.0	-0.5	1.8	5.3	2.8
Romania	0.7	1.1	-4.0	-7.1	-5.2	-4.7
Slovenia	1.2	-4.1	-2.9	-10.5	-6.0	-0.2
Slovakia	0.3	-1.8	-8.5	-10.7	-8.6	-4.7
Finland	5.0	0.2	-2.5	0.5	2.1	-2.3
Sweden	5.0	2.4	-2.0	-1.9	4.6	5.2
Norway	1.0	3.5	4.5	0.0	-6.6	-6.1
Switzerland	11.6	11.1	1.0	8.6	:	:

* Calendar adjusted
 : Data not available

Source dataset: [sts_inpr_m](#)

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

	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22	01-23	02-23
Euro area	107.4	106.4	105.4	107.5	109.7	106.2	108.7	109.1	107.2	108.6	107.1	108.2	109.8
EU	110.4	109.8	108.7	110.7	112.5	109.8	111.8	112.3	110.3	111.6	110.9	111.3	112.9
Belgium	127.8	127.9	126.2	127.0	123.9	126.0	121.6	130.7	128.4	129.7	126.5	121.7	129.1
Bulgaria	121.9	127.7	126.5	127.9	126.7	127.6	127.9	125.3	122.3	123.0	122.7	119.6	120.4
Czechia	111.6	113.4	112.1	114.3	116.4	115.7	116.7	116.7	112.4	116.0	116.9	113.3	113.8
Denmark	122.9	127.3	128.1	131.2	132.8	130.1	131.3	134.1	129.1	132.3	151.5	137.3	141.5
Germany	97.7	93.0	94.7	94.8	96.0	95.4	94.7	95.9	95.0	95.8	94.4	96.2	98.2
Estonia	130.6	136.9	138.7	136.9	132.9	122.4	129.0	125.9	123.9	118.9	121.5	120.7	121.0
Ireland*	163.9	177.5	141.3	181.5	213.4	164.3	196.9	202.0	187.3	204.4	178.5	195.7	201.7
Greece	117.6	124.3	114.9	118.7	123.1	124.3	123.2	117.1	117.6	118.9	119.0	118.0	123.7
Spain	106.2	104.1	106.4	106.3	107.4	106.3	106.6	106.1	105.8	105.1	105.9	105.1	105.7
France	97.9	97.6	97.2	97.5	98.7	97.1	99.5	98.7	96.3	98.1	99.4	98.1	99.2
Croatia	112.7	112.9	111.5	111.6	112.8	111.5	110.5	111.1	110.2	108.7	108.8	109.8	110.6
Italy	106.2	106.2	107.5	106.1	104.0	104.4	106.8	104.7	103.5	103.3	104.5	104.0	103.8
Cyprus	133.2	135.6	134.7	134.2	132.9	132.6	130.8	130.7	130.1	132.6	131.7	130.2	:
Latvia	122.1	126.5	126.1	126.3	123.4	121.5	121.7	120.5	120.5	123.9	120.5	116.6	119.9
Lithuania	156.6	166.4	161.1	142.7	143.3	156.9	163.8	153.3	150.7	151.3	145.2	144.7	145.8
Luxembourg	96.9	92.8	96.3	94.2	93.5	94.4	94.4	96.0	93.3	94.1	91.4	89.4	93.8
Hungary	126.1	125.6	123.3	124.9	125.5	126.2	126.5	128.2	123.2	122.1	126.5	120.0	120.4
Malta	97.1	102.6	98.0	101.2	105.7	111.1	110.3	111.5	108.4	112.1	114.5	112.6	113.7
Netherlands	103.9	103.8	109.2	107.2	105.9	106.8	104.9	106.7	105.5	104.1	106.1	102.6	103.7
Austria	126.0	125.7	126.9	127.8	127.7	122.9	130.5	127.5	129.4	128.5	128.9	131.7	133.6
Poland	152.7	153.4	152.7	151.1	149.7	150.0	151.0	151.4	150.8	152.9	154.4	150.2	151.2
Portugal	98.0	103.0	100.8	100.3	99.2	99.1	101.0	98.9	97.1	100.6	103.9	101.7	99.7
Romania	112.1	111.1	111.4	110.6	108.0	108.5	108.6	108.1	107.6	106.2	104.5	106.9	106.7
Slovenia	127.4	136.0	129.5	134.0	135.5	128.8	134.9	130.7	123.1	130.7	128.7	132.1	127.3
Slovakia	113.4	108.2	108.4	111.6	109.1	110.2	109.8	109.0	109.8	106.5	105.9	104.4	107.3
Finland	119.3	116.4	120.5	119.8	121.1	117.6	118.2	120.0	117.2	115.9	119.7	119.8	117.1
Sweden	113.5	115.8	113.8	114.3	116.3	125.0	116.1	118.5	117.2	113.3	113.7	119.5	119.3
Norway	103.8	106.5	106.1	106.9	105.0	107.2	110.6	108.1	106.6	106.2	105.9	97.2	97.1
Switzerland	130.3	130.4	127.5	129.5	133.2	125.2	131.3	137.6	131.7	128.4	136.3	:	:

* 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)

	02-20	02-21	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22	01-23	02-23
Euro area	100.9	100.7	103.8	111.9	104.7	106.0	109.5	107.0	91.4	117.7	116.6	116.7	100.0	106.1	105.9
EU	102.7	102.7	106.9	116.1	108.1	109.5	112.9	108.9	95.4	120.3	119.4	119.5	104.1	108.9	109.1
Belgium	110.8	114.7	124.2	137.0	122.3	125.0	132.2	117.8	112.0	137.6	136.8	131.4	123.5	118.1	125.5
Bulgaria	103.4	100.5	115.4	133.6	123.6	123.4	129.9	132.7	124.4	125.6	125.7	128.9	123.7	112.9	113.3
Czechia	110.3	108.0	107.9	122.5	111.6	116.2	122.1	104.3	105.8	121.1	119.7	126.6	108.7	109.2	110.1
Denmark	105.0	104.2	118.2	134.3	123.5	130.8	135.0	115.1	127.9	143.1	135.2	138.5	146.3	136.1	136.8
Germany	98.4	93.0	94.5	100.8	93.4	93.2	97.4	95.6	88.2	100.4	98.0	102.2	90.0	89.8	95.0
Estonia	120.3	120.7	123.2	145.5	138.7	142.7	133.4	110.3	126.9	130.4	132.8	123.8	116.2	115.6	114.1
Ireland	76.2	127.6	133.8	139.6	145.9	149.1	159.0	157.0	156.5	283.8	269.0	259.7	131.4	236.7	167.7
Greece	104.3	108.6	115.1	126.1	113.2	118.7	128.6	137.9	116.8	121.7	115.2	116.2	118.7	106.3	121.2
Spain	104.0	101.2	105.9	107.5	105.1	112.0	112.8	112.5	85.5	108.8	110.6	109.9	98.2	101.3	104.9
France	103.3	96.4	97.8	106.7	96.9	92.9	102.8	95.2	76.7	100.6	102.2	102.0	100.3	100.7	99.0
Croatia	100.4	105.9	109.3	119.7	111.6	113.4	114.2	118.1	96.8	113.2	117.6	111.8	105.2	99.9	107.5
Italy	105.3	104.9	108.6	117.6	107.8	114.0	108.0	115.0	72.2	110.4	111.9	107.9	91.6	97.6	106.1
Cyprus	127.3	121.9	125.1	135.6	130.1	136.1	141.2	155.5	115.7	137.5	132.8	130.2	130.3	119.9	:
Latvia	100.0	102.9	102.6	124.1	127.7	131.8	132.4	123.7	128.6	125.1	127.1	131.3	126.5	90.0	100.3
Lithuania	110.5	124.1	148.3	178.6	157.9	146.2	142.6	150.2	158.6	152.9	158.9	156.6	147.1	139.7	138.0
Luxembourg	94.9	92.6	95.2	102.1	97.9	94.6	96.0	93.5	82.3	99.1	98.4	95.8	84.4	87.0	92.4
Hungary	116.1	120.6	127.0	135.7	121.4	126.3	130.4	122.3	113.7	137.9	130.0	129.0	115.6	114.3	121.1
Malta	108.2	94.0	89.9	102.9	97.3	103.3	111.1	121.6	107.7	117.0	114.8	113.6	98.3	108.7	105.3
Netherlands	98.9	95.5	98.5	109.9	107.6	106.7	109.0	103.6	95.0	109.9	110.8	109.1	106.8	99.9	98.1
Austria	108.1	108.4	120.2	138.7	127.4	126.9	132.8	124.8	115.0	132.9	134.9	136.0	125.0	115.9	126.4
Poland	121.4	126.0	148.1	166.8	152.9	150.6	151.0	145.1	140.4	154.5	159.5	159.7	148.1	143.7	146.3
Portugal	103.9	102.1	96.5	106.8	99.6	104.7	102.6	105.0	85.6	100.9	98.4	103.0	94.5	102.8	99.2
Romania	111.9	106.9	107.7	116.4	106.9	115.3	110.2	109.3	98.9	109.5	112.1	111.5	98.3	102.9	102.6
Slovenia	125.3	122.3	122.7	149.5	127.8	139.0	141.8	129.6	115.1	136.9	129.6	136.3	117.0	126.2	122.5
Slovakia	114.1	115.3	114.0	117.5	104.9	115.3	114.0	98.6	101.7	109.2	116.3	116.6	99.2	102.3	108.6
Finland	102.1	105.6	111.3	122.9	121.5	118.8	122.8	102.6	112.8	123.9	121.4	118.6	133.4	115.2	108.7
Sweden	110.5	111.9	112.9	130.8	115.3	115.0	122.8	99.0	98.6	121.9	125.0	120.9	116.0	116.3	118.8
Norway	100.4	102.2	103.9	111.6	103.0	106.2	100.1	94.3	107.9	104.7	113.7	112.6	107.7	105.4	97.6
Switzerland	109.5	110.6	123.6	144.1	119.1	126.4	145.9	122.5	113.7	141.4	140.2	134.8	133.9	:	:

: Data not available

Source dataset: [sts_inpr_m](#)