

66/2023 - 14 June 2023

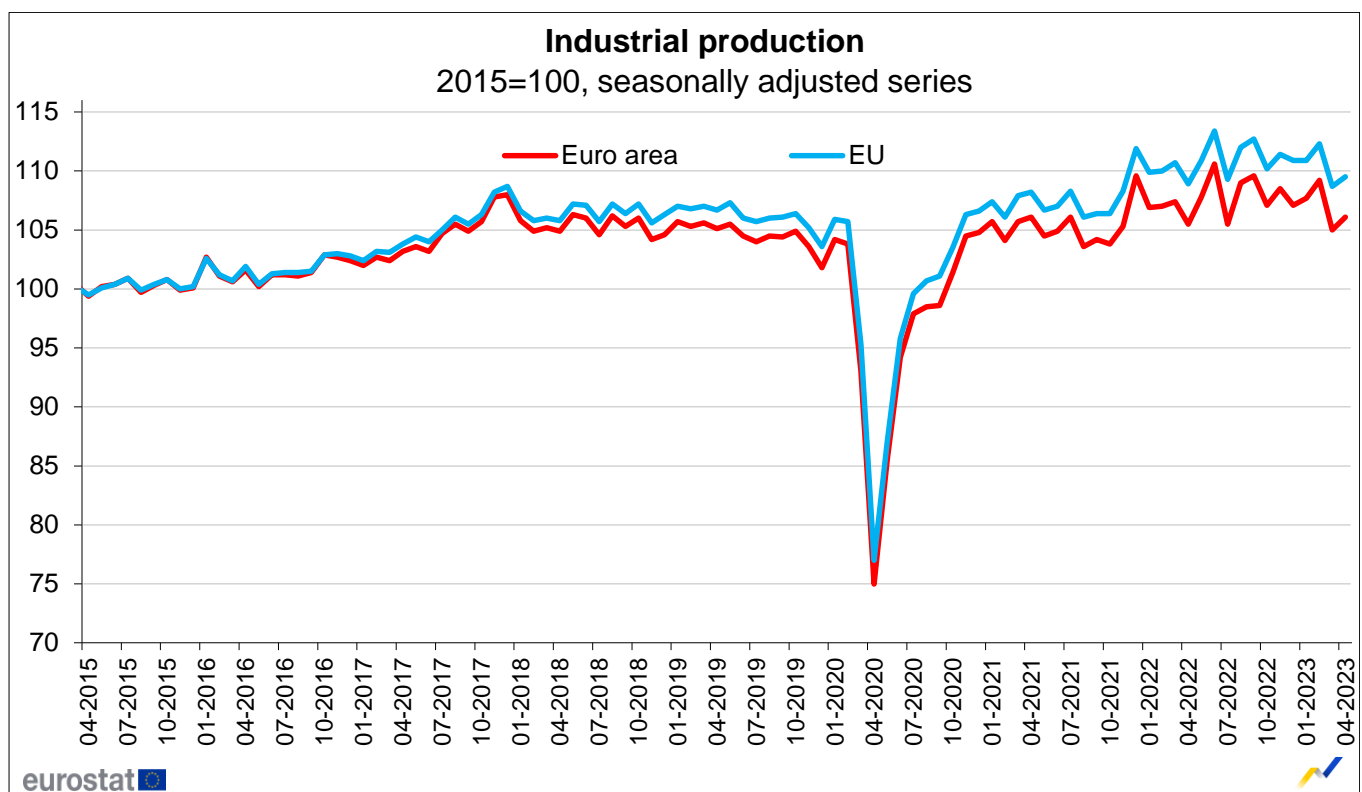
April 2023 compared with March 2023

Industrial production up by 1.0% in the euro area and by 0.7% in the EU

Up by 0.2% in the euro area and by 0.1% in the EU compared with April 2022

In April 2023, the seasonally adjusted industrial production increased by 1.0% in the **euro area** and by 0.7% in the **EU**, compared with March 2023, according to estimates from **Eurostat, the statistical office of the European Union**. In March 2023, industrial production decreased by 3.8% in the **euro area** and by 3.2% in the **EU**.

In April 2023 compared with April 2022, industrial production increased by 0.2% in the **euro area** and by 0.1% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in April 2023, compared with March 2023, production of capital goods grew by 14.7% and energy by 1.0%, while production of intermediate goods fell by 1.0%, durable consumer goods by 2.6% and non-durable consumer goods by 3.0%.

In the **EU**, production of capital goods grew by 12.1% and energy by 0.3%, while production of intermediate goods fell by 1.0%, durable consumer goods and non-durable consumer goods both by 2.2%.

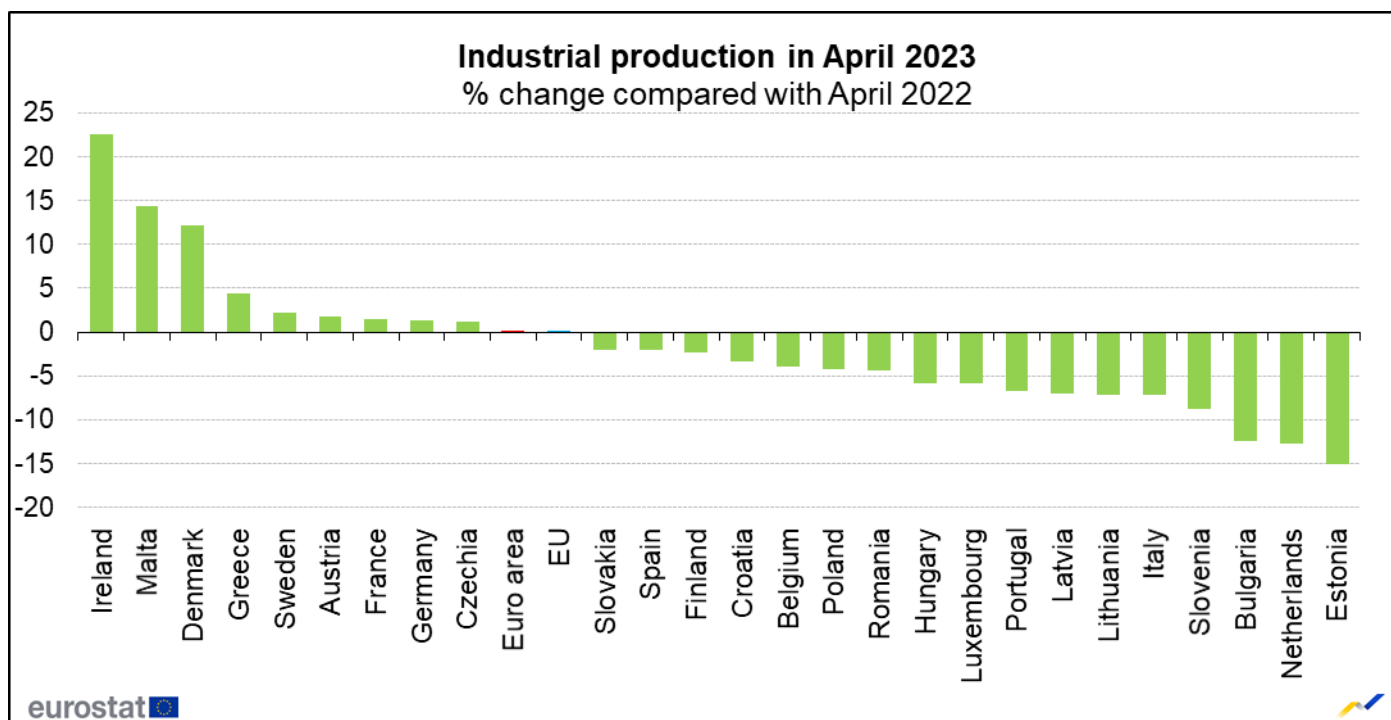
Among Member States for which data are available, the highest monthly increases were registered in **Ireland** (+21.5%), **Lithuania** (+2.8%) and **Sweden** (+1.4%). The largest decreases were observed in **Slovenia** (-7.9%), **Portugal** (-5.5%) and **the Netherlands** (-3.5%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in April 2023, compared with April 2022, production of capital goods rose by 8.3% and non-durable consumer goods by 0.6%, while production of durable consumer goods fell by 4.6%, intermediate goods by 6.2% and energy by 7.4%.

In the **EU**, production of capital goods rose by 8.8% and non-durable consumer goods by 1.8%, while production of durable consumer goods fell by 6.1%, intermediate goods by 6.6% and energy by 8.3%.

Among Member States for which data are available, the highest annual increases were registered in **Ireland** (+22.5%), **Malta** (+14.3%) and **Denmark** (+12.2%). The largest decreases were observed in **Estonia** (-15.1%), **the Netherlands** (-12.8%) and **Bulgaria** (-12.5%).



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 56/2023 of 15 May 2023, the monthly percentage change for March 2023 has been revised from -4.1% to -3.8% in the euro area and from -3.6% to -3.2% in the EU. The annual percentage decrease remained unchanged at -1.4% in the euro area and has been revised from -1.3% to -1.2% 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 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*

	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Euro area						
Total industry	1.3	-1.3	0.6	1.4	-3.8	1.0
Intermediate goods	0.4	-2.9	1.2	0.8	-1.0	-1.0
Energy	-1.1	3.4	-1.1	0.8	-1.4	1.0
Capital goods	0.9	-0.4	0.3	1.8	-15.2	14.7
Durable consumer goods	0.2	-1.3	0.2	-0.4	2.5	-2.6
Non-durable consumer goods	3.3	-3.1	-2.0	1.2	-0.9	-3.0
EU						
Total industry	1.1	-0.4	0.0	1.3	-3.2	0.7
Intermediate goods	0.5	-2.5	0.8	0.3	-1.1	-1.0
Energy	-0.4	2.7	-0.8	0.8	-1.4	0.3
Capital goods	1.0	-0.2	0.2	1.8	-12.7	12.1
Durable consumer goods	-0.3	-0.7	-0.5	-0.4	1.8	-2.2
Non-durable consumer goods	2.6	-0.6	-3.2	1.8	-1.0	-2.2

Source dataset: [sts_inpr_m](#)

Total industry	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Euro area	1.3	-1.3	0.6	1.4	-3.8	1.0
EU	1.1	-0.4	0.0	1.3	-3.2	0.7
Belgium	0.9	-2.6	-3.7	3.3	-0.6	-2.2
Bulgaria	0.6	-0.2	-2.5	-0.7	-2.2	-2.8
Czechia	3.2	0.6	-3.1	1.0	1.9	-1.9
Denmark	2.9	14.4	-9.6	3.2	1.6	0.8
Germany	1.0	-2.1	2.1	1.8	-1.9	0.0
Estonia	-4.0	2.1	-0.5	-0.2	-0.8	-1.5
Ireland**	7.5	-9.6	6.5	4.3	-27.0	21.5
Greece	1.1	0.2	-1.2	4.9	-0.1	-2.0
Spain	-0.7	0.7	-0.4	0.6	1.1	-1.8
France	2.1	1.3	-2.0	1.5	-1.1	0.8
Croatia	-1.4	0.1	0.7	0.5	0.7	-2.3
Italy	-0.2	1.1	-0.7	-0.1	-0.6	-1.9
Cyprus	2.4	-0.6	-0.8	1.9	-3.0	:
Latvia	2.8	-2.7	-3.1	2.5	-1.0	-0.6
Lithuania	0.4	-4.0	-0.3	-0.8	1.4	2.8
Luxembourg	0.8	-2.7	-1.6	5.9	-3.0	-1.7
Hungary	-0.9	3.5	-5.2	0.2	0.1	-2.5
Malta	3.4	2.0	-1.8	1.5	1.3	-2.5
Netherlands	-1.5	1.8	-4.4	0.3	-1.4	-3.5
Austria	-0.7	0.2	2.2	-0.7	-2.3	1.3
Poland	1.4	1.0	-2.7	0.6	-1.4	-1.2
Portugal	3.6	3.3	-2.3	-1.9	-0.3	-5.5
Romania	-1.3	-1.6	2.3	0.1	0.1	-0.8
Slovenia	6.1	-1.5	2.0	-4.0	2.5	-7.9
Slovakia	-2.9	-0.4	-1.3	2.4	1.7	-1.3
Finland	-1.0	3.3	0.2	-2.5	2.7	-1.7
Sweden	-4.1	2.4	4.3	0.0	-4.0	1.4
Norway	-0.4	-0.2	-7.9	0.1	2.3	0.8
Switzerland	-3.6	6.3	-2.4	0.8	2.1	:

* 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*

	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Euro area						
Total industry	3.9	-2.0	1.0	2.0	-1.4	0.2
Intermediate goods	-3.4	-7.0	-5.6	-5.0	-4.5	-6.2
Energy	-11.3	-7.3	-7.7	-4.1	-6.7	-7.4
Capital goods	11.1	-1.5	8.6	9.9	-1.6	8.3
Durable consumer goods	-0.1	-1.0	0.5	-3.3	-0.3	-4.6
Non-durable consumer goods	11.4	8.0	3.6	4.4	6.1	0.6
EU						
Total industry	3.6	-0.6	1.1	2.2	-1.2	0.1
Intermediate goods	-3.2	-6.1	-5.5	-5.3	-5.3	-6.6
Energy	-10.7	-8.1	-7.7	-5.1	-9.3	-8.3
Capital goods	10.8	0.4	8.6	10.0	0.8	8.8
Durable consumer goods	-1.9	-1.9	-2.0	-5.1	-2.8	-6.1
Non-durable consumer goods	11.5	11.2	5.1	6.9	6.5	1.8

Source dataset: [sts_inpr_m](#)

Total industry	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23
Euro area	3.9	-2.0	1.0	2.0	-1.4	0.2
EU	3.6	-0.6	1.1	2.2	-1.2	0.1
Belgium	3.8	-1.4	-6.7	-2.1	-2.6	-3.9
Bulgaria	4.3	2.7	-3.5	-2.7	-9.3	-12.5
Czechia	1.3	4.9	-2.0	2.4	2.9	1.2
Denmark	9.7	26.3	12.5	16.1	9.8	12.2
Germany	0.5	-2.2	-1.0	1.0	3.3	1.3
Estonia	-12.8	-12.0	-7.7	-7.6	-12.6	-15.1
Ireland	45.6	-13.7	19.4	28.2	-28.0	22.5
Greece	-1.0	-1.4	0.6	5.2	0.0	4.4
Spain	-1.3	1.2	-0.6	-0.7	5.7	-2.1
France	0.4	1.6	-2.6	0.9	0.2	1.4
Croatia	-2.3	-2.2	-2.7	-1.7	-0.8	-3.4
Italy	-3.7	-0.9	1.6	-2.3	-3.2	-7.2
Cyprus	2.1	0.5	-0.8	2.4	-5.5	:
Latvia	3.6	-4.3	-9.3	-2.2	-6.3	-7.0
Lithuania	0.2	-8.2	-9.9	-8.3	-16.2	-7.1
Luxembourg	-1.6	-6.3	-7.7	-1.9	-0.3	-5.9
Hungary	0.9	5.7	-3.3	-4.6	-4.1	-5.8
Malta	12.8	16.9	12.0	17.7	13.2	14.3
Netherlands	0.0	1.2	-4.6	-2.4	-3.5	-12.8
Austria	3.4	0.7	0.1	3.5	0.8	1.8
Poland	4.5	5.9	-0.4	-1.1	-3.0	-4.3
Portugal	-0.5	1.8	5.1	2.7	-3.7	-6.7
Romania	-4.0	-7.1	-5.2	-4.5	-2.4	-4.4
Slovenia	-3.0	-10.5	-6.6	-1.0	-4.8	-8.8
Slovakia	-8.5	-10.8	-8.6	-4.7	2.6	-2.0
Finland	-2.5	0.6	2.2	-3.0	4.0	-2.4
Sweden	-2.4	-0.3	5.6	5.9	-0.6	2.2
Norway	4.5	0.0	-6.6	-6.1	-5.4	-4.8
Switzerland	0.4	8.1	4.0	0.7	5.2	:

* Calendar adjusted

: Data not available

Source dataset: [sts_inpr_m](#)

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

	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23
Euro area	105.5	107.8	110.6	105.5	109.0	109.6	107.1	108.5	107.1	107.7	109.2	105.0	106.1
EU	108.9	110.9	113.4	109.3	112.0	112.7	110.2	111.4	110.9	110.9	112.3	108.7	109.5
Belgium	126.7	127.2	124.1	126.1	121.6	130.6	128.2	129.4	126.1	121.4	125.4	124.7	121.9
Bulgaria	126.5	127.9	126.7	127.6	127.9	125.3	122.3	123.0	122.7	119.6	118.8	116.2	112.9
Czechia	112.6	114.4	116.3	115.7	116.6	116.7	112.4	116.0	116.7	113.1	114.2	116.4	114.2
Denmark	129.0	131.7	134.4	130.6	132.3	134.6	127.7	131.4	150.3	135.9	140.2	142.5	143.6
Germany	94.6	95.2	95.9	95.5	95.2	96.4	95.3	96.3	94.3	96.3	98.0	96.1	96.1
Estonia	138.8	137.0	132.9	122.4	129.0	125.9	123.9	118.9	121.4	120.8	120.6	119.6	117.8
Ireland*	139.1	181.9	229.9	152.6	197.9	207.0	185.1	199.0	179.9	191.6	199.8	145.9	177.2
Greece	115.4	118.8	123.1	124.3	123.2	117.1	117.5	118.8	119.0	117.6	123.4	123.3	120.8
Spain	106.7	106.3	107.5	106.4	106.6	106.2	105.9	105.2	105.9	105.5	106.1	107.3	105.4
France	97.2	97.6	98.7	97.0	99.5	98.7	96.1	98.1	99.4	97.4	98.9	97.8	98.6
Croatia	112.2	111.7	112.9	111.6	110.7	111.2	110.3	108.8	108.9	109.7	110.2	111.0	108.4
Italy	108.4	106.3	104.1	104.4	106.9	104.6	103.3	103.1	104.2	103.5	103.4	102.8	100.8
Cyprus	134.4	134.0	132.6	132.4	131.0	130.7	129.7	132.8	132.0	131.0	133.5	129.5	:
Latvia	126.5	126.4	123.5	121.5	121.7	120.5	120.4	123.8	120.4	116.7	119.6	118.4	117.7
Lithuania	161.1	142.7	143.3	156.9	163.8	153.3	150.7	151.3	145.2	144.7	143.5	145.5	149.6
Luxembourg	96.5	94.3	93.5	94.4	94.5	95.7	93.2	93.9	91.4	89.9	95.2	92.3	90.7
Hungary	124.0	125.1	125.8	126.3	126.5	128.1	123.2	122.1	126.4	119.8	120.0	120.1	117.1
Malta	98.3	101.3	105.6	111.3	110.2	111.5	108.5	112.2	114.4	112.3	114.0	115.5	112.6
Netherlands	110.5	107.7	106.2	107.1	105.1	106.8	105.5	103.9	105.8	101.1	101.4	100.0	96.5
Austria	127.2	127.9	127.7	122.8	130.5	127.5	129.2	128.3	128.5	131.3	130.4	127.4	129.1
Poland	152.7	151.1	149.7	150.0	151.0	151.4	150.8	152.9	154.4	150.2	151.1	149.0	147.2
Portugal	100.8	100.3	99.2	99.1	101.0	98.9	97.1	100.6	103.9	101.5	99.6	99.3	93.8
Romania	111.4	110.6	108.0	108.5	108.6	108.1	107.6	106.2	104.5	106.9	107.0	107.1	106.2
Slovenia	130.4	133.8	135.3	128.6	134.5	130.4	122.9	130.4	128.5	131.1	125.9	129.1	118.9
Slovakia	108.0	111.3	108.9	110.1	109.9	109.2	110.3	107.1	106.7	105.3	107.8	109.6	108.2
Finland	121.0	119.9	121.2	117.6	118.1	120.1	117.2	116.0	119.8	120.0	117.0	120.2	118.1
Sweden	114.4	114.3	116.9	125.1	116.3	118.7	117.5	112.7	115.4	120.4	120.4	115.6	117.2
Norway	106.2	106.9	105.0	107.2	110.6	108.1	106.5	106.1	105.9	97.5	97.6	99.8	100.6
Switzerland	127.2	129.5	133.1	125.2	131.3	136.7	132.4	127.6	135.6	132.3	133.3	136.1	:

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

: Data not availableSource dataset: sts_inpr_m



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

	04-20	04-21	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23
Euro area	74.6	105.7	104.5	106.1	109.6	107.0	91.5	117.9	116.8	117.0	100.0	106.0	105.9	110.4	104.7
EU	76.5	107.7	107.9	109.6	113.1	108.9	95.5	120.5	119.6	119.8	104.2	108.9	109.1	114.8	108.0
Belgium	92.1	124.6	122.3	125.0	132.2	117.8	112.0	137.6	136.8	131.4	123.5	118.2	121.6	133.5	117.5
Bulgaria	86.4	106.2	123.6	123.4	129.9	132.7	124.4	125.6	125.7	128.9	123.7	112.9	112.3	121.2	108.1
Czechia	75.0	116.3	111.7	116.2	122.1	104.3	105.8	121.1	119.8	126.6	108.7	109.0	110.5	126.0	113.0
Denmark	98.9	106.5	123.3	130.8	135.1	115.0	128.0	143.0	135.2	138.6	146.3	136.8	137.1	147.7	138.4
Germany	70.5	96.0	92.9	93.5	97.6	95.5	88.4	101.0	98.3	102.8	90.0	89.9	95.3	104.3	94.1
Estonia	106.5	133.4	138.7	142.7	133.4	110.3	126.9	130.4	132.8	123.8	116.2	115.8	113.8	127.1	117.8
Ireland	119.4	170.6	145.9	149.1	159.0	157.0	156.5	283.8	269.0	259.7	131.4	236.7	171.5	100.5	178.7
Greece	96.4	118.9	113.2	118.7	128.6	137.9	116.8	121.7	115.2	116.2	118.7	106.0	121.1	126.1	118.2
Spain	67.8	102.7	105.1	112.0	112.8	112.5	85.4	108.8	110.7	109.9	98.2	101.4	105.2	113.6	102.9
France	67.6	98.0	96.8	92.9	102.8	95.2	76.6	100.5	102.1	102.1	100.3	100.1	98.7	107.0	98.2
Croatia	94.1	110.5	111.6	113.5	114.2	118.1	96.8	113.2	117.7	111.8	105.2	100.0	107.4	118.8	107.8
Italy	57.5	103.6	107.8	114.0	108.0	115.0	72.2	110.4	112.0	107.9	91.6	97.6	106.1	113.8	100.0
Cyprus	79.1	123.9	129.0	135.4	140.7	154.9	116.1	137.8	132.1	130.9	131.0	121.2	127.7	128.2	:
Latvia	101.7	122.8	127.8	131.8	132.4	123.7	128.6	125.1	127.2	131.3	126.5	90.4	100.3	116.3	118.8
Lithuania	102.3	129.9	157.9	146.2	142.6	150.2	158.6	152.9	158.9	156.6	147.1	139.7	136.0	149.7	146.7
Luxembourg	69.6	97.9	97.9	94.6	96.0	93.5	82.3	99.1	98.4	95.8	84.4	87.4	93.4	101.8	92.1
Hungary	72.6	115.6	121.4	126.3	130.4	122.3	113.7	137.8	130.0	129.0	115.6	114.2	121.1	130.2	114.3
Malta	92.5	109.6	97.4	103.3	111.1	121.6	107.6	117.0	114.8	113.6	98.3	108.2	105.8	116.5	111.3
Netherlands	92.3	100.1	107.8	106.9	109.2	103.8	95.1	110.0	111.0	109.3	106.9	98.7	96.1	106.0	94.0
Austria	85.9	116.6	127.2	126.8	133.5	125.0	114.9	133.1	135.7	136.8	125.7	116.5	124.0	139.4	129.5
Poland	91.6	132.7	152.9	150.6	151.0	145.1	140.4	154.5	159.5	159.7	148.1	143.7	146.5	161.8	146.3
Portugal	73.1	101.2	99.6	104.7	102.6	105.0	85.6	100.9	98.4	103.0	94.5	102.6	99.1	102.9	92.9
Romania	69.8	115.1	106.9	115.3	110.2	109.3	98.9	109.5	112.1	111.5	98.3	102.9	102.9	113.6	102.2
Slovenia	94.6	127.6	127.7	138.7	141.6	129.5	114.8	136.6	129.4	136.2	117.0	125.6	121.4	142.3	116.4
Slovakia	67.0	114.4	104.9	115.3	114.0	98.6	101.7	109.1	116.3	116.6	99.1	102.3	108.6	120.5	102.8
Finland	109.4	111.5	121.5	118.8	122.8	102.6	112.6	123.8	121.4	118.6	133.5	115.3	109.0	127.8	118.6
Sweden	94.5	116.0	115.8	114.8	123.6	99.1	98.9	122.6	125.7	120.5	117.8	117.4	119.6	130.0	118.4
Norway	98.9	100.0	103.0	106.2	100.1	94.3	107.9	104.7	113.7	112.6	107.7	105.4	97.6	105.6	98.1
Switzerland	100.3	118.7	119.1	126.4	145.9	122.5	113.7	141.4	141.1	133.9	133.4	128.9	124.6	151.6	:

: Data not available

Source dataset: sts_inpr_m

