

92/2023 - 16 August 2023

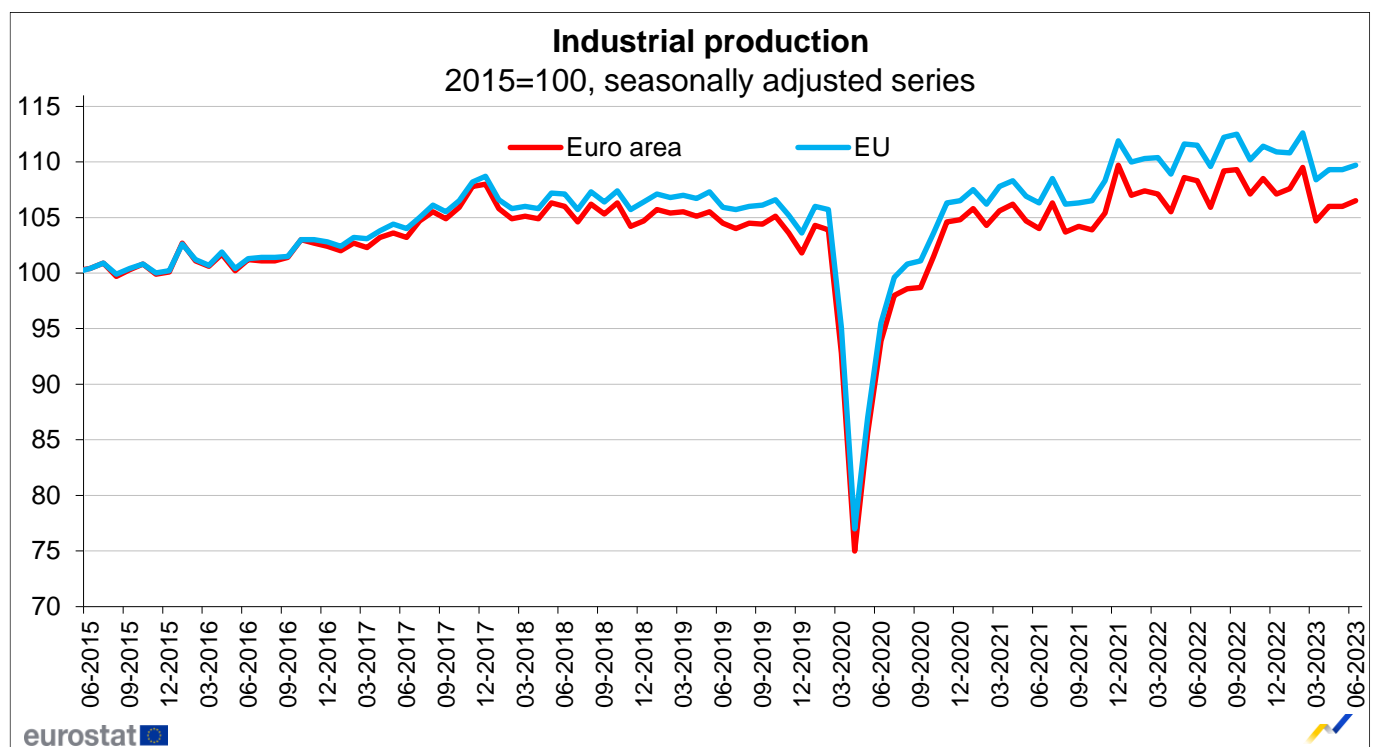
June 2023 compared with May 2023

Industrial production up by 0.5% in the euro area and by 0.4% in the EU

Down by 1.2% in both the euro area and the EU compared with June 2022

In June 2023, the seasonally adjusted industrial production increased by 0.5% in the **euro area** and by 0.4% in the **EU**, compared with May 2023, according to estimates from **Eurostat, the statistical office of the European Union**. In May 2023, industrial production remained unchanged in the **euro area** and in the **EU**.

In June 2023 compared with June 2022, industrial production decreased by 1.2% in both the **euro area** and the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in June 2023, compared with May 2023, production of energy grew by 0.5%, while production of durable consumer goods fell by 0.1%, capital goods by 0.7%, intermediate goods by 0.9% and non-durable consumer goods by 1.1%.

In the **EU**, production of energy grew by 0.5%, while production of durable consumer goods and non-durable consumer goods fell both by 0.4%, capital goods by 0.7% and intermediate goods by 0.8%.

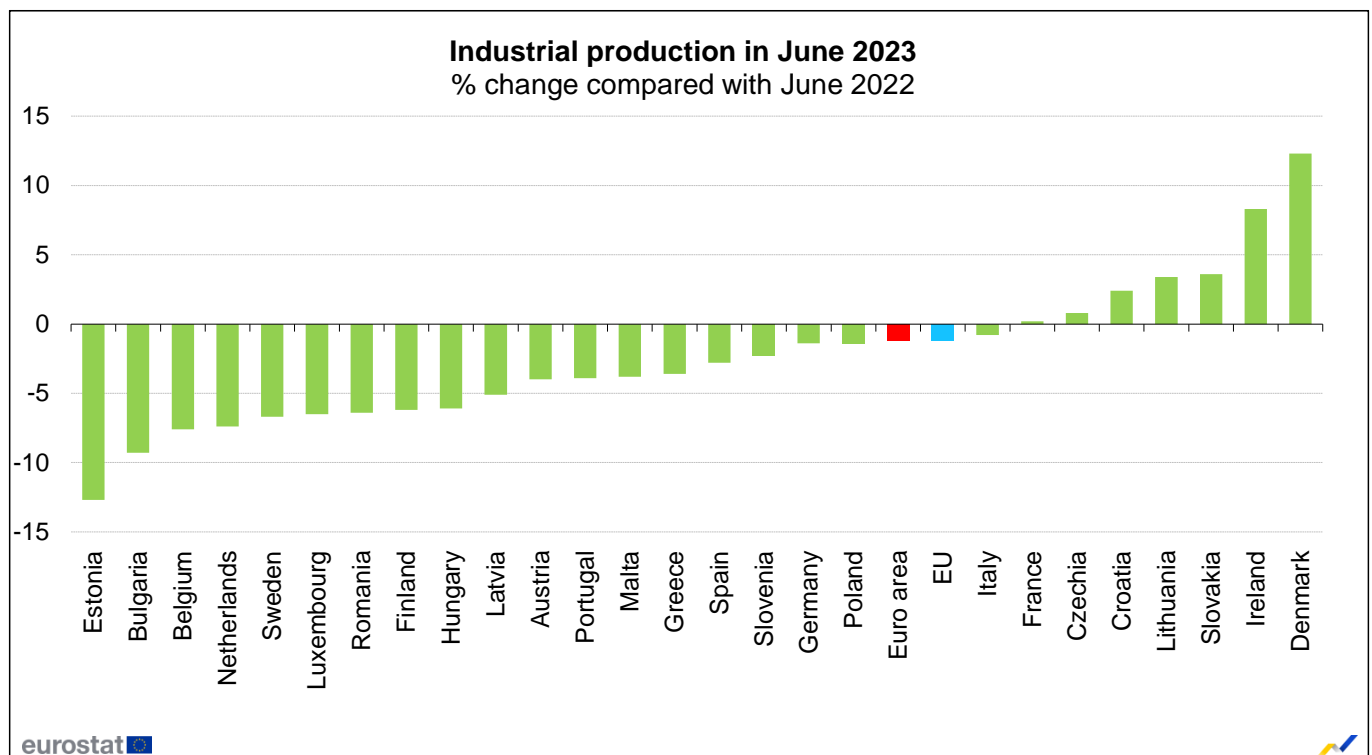
Among Member States for which data are available, the highest monthly increases were registered in **Ireland** (+13.1%), **Denmark** (+6.3%) and **Lithuania** (+3.2%). The largest decreases were observed in **Sweden** (-5.3%), **Finland** and **Malta** (both -3.3%) and **Belgium** (-3.0%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in June 2023, compared with June 2022, production of energy fell by 7.8%, intermediate goods by 6.3% and durable consumer goods by 5.2%, while production of non-durable consumer goods rose by 0.2% and capital goods by 4.4%.

In the **EU**, production of energy fell by 8.9%, intermediate goods by 6.6% and durable consumer goods by 6.5%, while production of non-durable consumer goods rose by 2.1% and capital goods by 4.8%.

Among Member States for which data are available, the largest annual decreases were registered in **Estonia** (-12.7%), **Bulgaria** (-9.3%) and **Belgium** (-7.6%). The highest increases were observed in **Denmark** (+12.3%), **Ireland** (+8.3%) and **Slovakia** (+3.6%).



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 79/2023 of 13 July 2023, the monthly percentage change for May 2023 has been revised from +0.2% to 0.0% in the euro area and from +0.1% to 0.0% in the EU. The annual percentage increase has been revised from -2.2% to -2.5% in the euro area and from -1.8% to -2.1% 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*

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
Euro area						
Total industry	0.5	1.8	-4.4	1.2	0.0	0.5
Intermediate goods	1.0	0.9	-1.1	-0.8	0.4	-0.9
Energy	-1.1	0.7	-1.1	-0.1	-2.1	0.5
Capital goods	0.2	1.9	-15.7	15.7	1.1	-0.7
Durable consumer goods	0.4	-0.3	2.5	-2.8	-1.0	-0.1
Non-durable consumer goods	-3.1	1.1	-0.7	-3.6	0.2	-1.1
EU						
Total industry	-0.1	1.6	-3.7	0.8	0.0	0.4
Intermediate goods	0.6	0.3	-1.1	-0.9	0.3	-0.8
Energy	-0.9	0.8	-1.2	-0.4	-2.5	0.5
Capital goods	0.0	1.8	-13.1	12.7	1.2	-0.7
Durable consumer goods	-0.3	-0.4	1.8	-2.3	-0.9	-0.4
Non-durable consumer goods	-4.2	1.8	-0.7	-2.8	0.5	-0.4

Source dataset: [sts_inpr_m](#)

Total industry	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
Euro area	0.5	1.8	-4.4	1.2	0.0	0.5
EU	-0.1	1.6	-3.7	0.8	0.0	0.4
Belgium	-3.9	3.2	1.3	-4.3	-1.5	-3.0
Bulgaria	-2.5	-0.7	-2.2	-2.8	1.5	0.7
Czechia	-3.0	1.0	1.8	-1.9	1.5	0.9
Denmark	-10.1	3.2	1.9	-0.1	-0.3	6.3
Germany	1.5	1.9	-2.2	0.2	-0.2	-1.3
Estonia	-0.6	-0.2	-0.9	-2.2	1.2	-1.7
Ireland**	7.6	7.9	-31.3	25.7	-4.5	13.1
Greece	-1.2	4.8	0.0	-2.2	0.2	-1.6
Spain	-0.4	0.5	1.2	-2.1	0.6	-0.9
France	-2.1	1.5	-0.9	0.6	1.1	-0.9
Croatia	0.7	0.5	0.7	-2.3	4.3	2.0
Italy	-0.7	-0.1	-0.6	-2.0	1.7	0.5
Cyprus	-0.6	2.0	-2.6	3.1	0.6	:
Latvia	-3.1	2.5	-1.0	-0.3	-1.2	0.6
Lithuania	-0.3	-0.8	1.4	2.4	-2.3	3.2
Luxembourg	-2.7	6.2	-3.3	-2.0	-0.7	-0.5
Hungary	-5.9	0.2	0.3	-2.7	1.7	-0.8
Malta	-1.5	1.5	1.3	-1.0	-1.7	-3.3
Netherlands	-4.4	0.3	-1.4	-2.8	0.7	0.7
Austria	2.1	-0.8	-2.4	0.3	-1.1	-2.4
Poland	-2.7	0.6	-1.4	-1.0	0.1	0.4
Portugal	-2.3	-1.9	-0.1	-6.0	2.4	-0.2
Romania	2.3	0.1	0.1	-0.8	-1.9	-2.1
Slovenia	1.7	-2.6	2.9	-8.5	8.9	0.9
Slovakia	-0.7	1.9	2.1	-1.1	2.3	-1.2
Finland	-0.1	-2.6	2.7	-2.3	2.0	-3.3
Sweden	4.2	-0.1	-4.0	1.4	-1.3	-5.3
Norway	-8.2	0.0	2.2	0.4	-3.3	0.2
Switzerland	-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*

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
Euro area						
Total industry	0.8	1.7	-1.5	-0.1	-2.5	-1.2
Intermediate goods	-5.7	-5.1	-4.6	-6.2	-5.6	-6.3
Energy	-7.6	-4.4	-6.4	-8.1	-6.7	-7.8
Capital goods	8.4	9.6	-1.9	8.5	2.6	4.4
Durable consumer goods	0.8	-3.0	0.2	-4.2	-5.8	-5.2
Non-durable consumer goods	3.1	4.0	6.2	-0.4	-3.7	0.2
EU						
Total industry	0.9	1.9	-1.3	-0.1	-2.1	-1.2
Intermediate goods	-5.6	-5.4	-5.4	-6.5	-6.2	-6.6
Energy	-7.7	-5.3	-9.1	-8.5	-7.9	-8.9
Capital goods	8.4	9.8	0.7	9.0	3.5	4.8
Durable consumer goods	-1.7	-4.8	-2.5	-5.8	-7.1	-6.5
Non-durable consumer goods	4.6	6.6	6.5	1.0	-1.1	2.1

Source dataset: [sts_inpr_m](#)

Total industry	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
Euro area	0.8	1.7	-1.5	-0.1	-2.5	-1.2
EU	0.9	1.9	-1.3	-0.1	-2.1	-1.2
Belgium	-6.7	-2.1	-0.1	-4.1	-6.4	-7.6
Bulgaria	-3.5	-2.7	-9.3	-12.7	-11.3	-9.3
Czechia	-2.0	2.4	2.9	1.2	1.4	0.8
Denmark	12.4	16.1	10.3	11.1	7.0	12.3
Germany	-1.7	0.4	2.4	0.9	0.1	-1.4
Estonia	-7.7	-7.6	-12.6	-15.8	-13.7	-12.7
Ireland	19.4	28.2	-28.0	22.5	-15.9	8.3
Greece	0.7	5.2	0.2	4.4	2.1	-3.6
Spain	-0.6	-0.7	5.8	-2.4	-0.7	-2.8
France	-2.6	0.9	0.5	1.5	2.8	0.2
Croatia	-2.7	-1.7	-0.8	-3.4	1.1	2.4
Italy	1.6	-2.3	-3.2	-7.4	-3.5	-0.8
Cyprus	-0.8	2.3	-5.1	1.6	2.7	:
Latvia	-9.3	-2.2	-6.3	-6.5	-8.5	-5.1
Lithuania	-9.9	-8.3	-16.2	-7.0	1.9	3.4
Luxembourg	-8.8	-2.9	-1.5	-7.4	-6.8	-6.5
Hungary	-3.6	-5.1	-4.0	-6.1	-4.5	-6.1
Malta	11.6	17.3	12.5	17.6	11.6	-3.8
Netherlands	-4.6	-2.4	-3.5	-12.3	-9.3	-7.4
Austria	0.2	2.2	0.8	1.7	-0.6	-4.0
Poland	-0.4	-1.1	-3.0	-3.9	-2.9	-1.4
Portugal	5.1	2.7	-3.4	-7.0	-4.3	-3.9
Romania	-5.2	-4.5	-2.4	-4.4	-5.4	-6.4
Slovenia	-6.8	0.2	-3.3	-8.2	-2.2	-2.3
Slovakia	-8.2	-5.3	2.9	-1.3	-0.7	3.6
Finland	2.0	-3.3	3.9	-3.4	0.8	-6.2
Sweden	5.6	5.9	-0.6	3.1	1.0	-6.7
Norway	-6.6	-6.1	-5.4	-5.0	-11.1	-11.0
Switzerland	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)

	06-22	07-22	08-22	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23
Euro area	108.3	105.9	109.2	109.3	107.1	108.5	107.1	107.6	109.5	104.7	106.0	106.0	106.5
EU	111.5	109.6	112.2	112.5	110.2	111.4	110.9	110.8	112.6	108.4	109.3	109.3	109.7
Belgium	125.0	126.5	121.9	130.8	128.3	129.4	126.0	121.1	125.0	126.6	121.1	119.3	115.7
Bulgaria	126.7	127.6	127.9	125.3	122.3	123.0	122.7	119.6	118.8	116.2	112.9	114.6	115.4
Czechia	116.4	115.8	116.6	116.7	112.5	116.0	116.6	113.1	114.2	116.3	114.1	115.8	116.9
Denmark	134.5	130.4	132.4	134.3	127.7	131.1	150.7	135.5	139.9	142.6	142.4	142.0	151.0
Germany	95.8	95.5	95.2	96.4	95.2	96.3	94.3	95.7	97.5	95.4	95.6	95.4	94.2
Estonia	133.0	122.5	129.1	125.9	124.0	118.9	121.4	120.7	120.5	119.4	116.8	118.2	116.2
Ireland*	189.9	158.6	202.6	202.0	187.1	199.5	179.5	193.1	208.4	143.2	180.0	171.9	194.5
Greece	123.6	124.5	123.3	117.2	117.6	118.8	119.0	117.6	123.3	123.3	120.6	120.8	118.9
Spain	107.8	106.5	106.7	106.2	105.9	105.2	105.8	105.4	105.9	107.2	105.0	105.6	104.6
France	99.0	97.0	99.5	98.8	96.2	98.1	99.5	97.4	98.9	98.0	98.6	99.7	98.8
Croatia	112.9	111.6	110.7	111.2	110.3	108.8	108.9	109.7	110.2	111.0	108.4	113.1	115.4
Italy	103.8	104.3	106.9	104.5	103.3	103.1	104.3	103.6	103.5	102.9	100.8	102.5	103.0
Cyprus	132.2	132.2	130.9	130.8	130.0	133.3	132.6	131.8	134.4	130.9	134.9	135.7	:
Latvia	123.4	121.6	121.8	120.5	120.4	123.7	120.3	116.6	119.5	118.3	117.9	116.5	117.2
Lithuania	143.3	156.9	163.8	153.3	150.7	151.3	145.2	144.7	143.5	145.5	149.0	145.6	150.3
Luxembourg	94.0	94.6	94.2	95.5	93.0	93.7	91.0	88.5	94.0	90.9	89.1	88.5	88.1
Hungary	125.9	126.3	126.7	128.6	123.5	122.7	127.4	119.9	120.1	120.5	117.3	119.3	118.3
Malta	112.4	110.2	109.9	110.6	107.8	111.5	113.6	111.9	113.6	115.1	114.0	112.1	108.4
Netherlands	106.2	107.1	105.1	106.8	105.5	103.9	105.8	101.1	101.4	100.0	97.2	97.9	98.6
Austria	127.5	123.2	128.0	126.7	127.3	127.5	128.2	130.9	129.8	126.7	127.1	125.7	122.7
Poland	149.7	150.0	151.0	151.4	150.8	152.9	154.4	150.2	151.1	149.0	147.5	147.6	148.2
Portugal	99.2	99.1	101.0	98.9	97.1	100.6	103.9	101.5	99.6	99.5	93.5	95.7	95.5
Romania	108.0	108.5	108.6	108.1	107.6	106.2	104.5	106.9	107.0	107.1	106.2	104.2	102.0
Slovenia	135.1	128.2	134.0	130.7	123.3	130.7	128.7	130.9	127.5	131.2	120.0	130.7	131.9
Slovakia	110.2	112.0	111.3	110.9	110.0	108.8	108.8	108.0	110.0	112.3	111.1	113.7	112.3
Finland	122.4	117.7	118.1	120.1	117.1	115.8	119.6	119.5	116.4	119.6	116.9	119.2	115.3
Sweden	117.3	125.7	116.7	118.6	117.7	112.8	115.5	120.3	120.2	115.4	117.0	115.5	109.4
Norway	105.5	107.2	110.5	107.9	106.5	106.2	106.1	97.4	97.4	99.5	99.9	96.6	96.8
Switzerland	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 available

Source dataset: [sts_inpr_m](#)



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

	06-20	06-21	06-22	07-22	08-22	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23
Euro area	94.8	105.3	109.6	107.0	91.4	117.9	116.7	117.0	100.1	105.8	105.7	110.3	104.4	103.5	108.3
EU	96.7	107.9	113.1	108.9	95.4	120.5	119.5	119.8	104.2	108.7	108.9	114.7	107.8	107.2	111.7
Belgium	110.5	148.9	132.2	117.8	112.0	137.6	136.8	131.4	123.5	118.2	121.6	136.8	117.3	117.0	122.1
Bulgaria	99.9	111.1	129.9	132.7	124.4	125.6	125.7	128.9	123.7	112.9	112.3	121.2	107.9	109.4	117.8
Czechia	105.4	117.4	122.1	104.4	105.8	121.1	119.8	126.6	108.7	109.0	110.5	126.0	113.0	117.8	123.1
Denmark	104.6	108.6	135.2	115.0	128.1	142.8	135.3	138.7	146.2	136.7	137.1	148.3	137.0	140.0	151.8
Germany	90.4	97.0	97.6	95.5	88.4	101.0	98.3	102.8	90.0	89.3	94.8	103.4	93.7	93.6	96.2
Estonia	115.6	134.3	133.4	110.3	126.9	130.4	132.8	123.8	116.2	115.8	113.8	127.1	116.8	123.2	116.5
Ireland	91.6	105.2	159.0	157.0	156.5	283.8	269.0	259.7	131.4	236.7	171.5	100.5	178.8	125.4	172.2
Greece	107.2	117.3	128.6	137.9	116.8	121.7	115.2	116.2	118.7	106.1	121.1	126.4	118.2	121.2	124.0
Spain	94.3	104.9	112.8	112.5	85.4	108.8	110.6	109.9	98.2	101.4	105.2	113.7	102.6	111.2	109.6
France	94.9	101.8	102.9	95.2	76.6	100.5	102.1	102.1	100.2	100.1	98.7	107.3	98.3	95.4	103.1
Croatia	101.7	109.9	114.2	118.1	96.8	113.2	117.7	111.8	105.2	100.0	107.4	118.8	107.8	114.8	116.9
Italy	95.4	109.1	108.0	115.0	72.2	110.4	112.0	107.9	91.6	97.6	106.1	113.8	99.8	110.0	107.1
Cyprus	129.8	138.4	140.7	154.9	116.1	137.8	132.1	130.9	131.0	121.2	127.6	128.7	131.0	139.0	:
Latvia	122.2	131.5	132.4	123.7	128.6	125.1	127.2	131.3	126.5	90.4	100.3	116.3	119.5	120.6	125.7
Lithuania	114.3	139.5	142.6	150.2	158.6	152.9	158.9	156.6	147.1	139.7	136.0	149.7	146.8	149.0	147.4
Luxembourg	87.8	99.3	96.0	93.6	81.9	99.0	98.3	95.8	84.4	86.4	92.4	100.6	90.7	88.2	89.8
Hungary	105.0	124.3	130.5	122.3	113.9	138.5	130.4	129.7	116.7	114.4	121.0	130.4	114.2	120.5	122.6
Malta	99.3	113.6	119.3	119.5	106.9	115.2	113.9	112.7	97.7	107.9	105.7	116.6	113.7	113.9	114.8
Netherlands	95.4	107.0	109.2	103.8	95.1	110.0	111.0	109.3	106.9	98.7	96.1	106.0	94.5	97.0	101.1
Austria	104.9	120.7	132.5	125.0	112.5	132.3	133.9	136.3	125.9	116.5	124.0	139.4	126.5	125.0	127.2
Poland	115.6	136.7	151.0	145.1	140.4	154.5	159.5	159.7	148.1	143.7	146.5	161.8	147.0	146.3	148.9
Portugal	88.8	98.2	102.6	105.0	85.6	100.9	98.4	103.0	94.5	102.6	99.1	103.2	92.6	100.2	98.6
Romania	100.9	113.7	110.2	109.3	98.9	109.5	112.1	111.5	98.3	102.9	102.9	113.6	102.2	109.1	103.2
Slovenia	115.5	135.7	141.6	129.0	114.3	136.8	129.7	136.4	117.0	125.3	122.9	144.7	117.3	135.8	138.4
Slovakia	107.9	122.0	116.0	99.9	102.8	110.9	114.5	119.5	101.4	104.7	110.8	123.8	105.1	116.4	120.2
Finland	108.0	112.2	122.7	102.5	112.5	123.8	121.3	118.6	133.5	115.0	108.6	127.6	117.4	119.6	115.1
Sweden	105.0	120.6	123.6	99.1	98.9	122.6	125.7	120.5	117.8	117.4	119.6	130.0	119.3	115.9	115.3
Norway	93.6	98.0	100.1	94.3	107.8	104.7	113.7	112.6	107.7	105.4	97.6	105.6	97.9	94.4	89.1
Switzerland	118.1	133.2	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

