

101/2022 - 14 September 2022

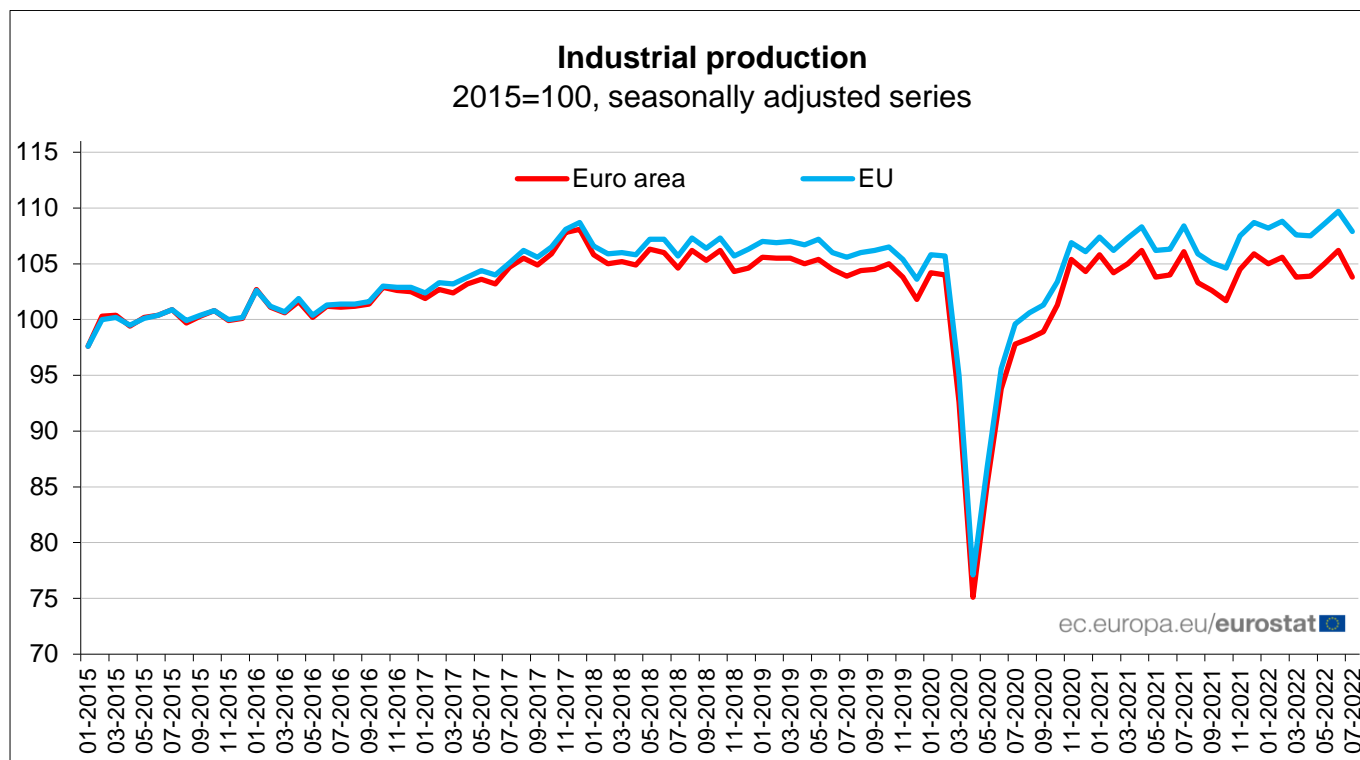
July 2022 compared with June 2022

Industrial production down by 2.3% in the euro area and by 1.6% in the EU

Down by 2.4% and 0.8% compared with July 2021

In July 2022, the seasonally adjusted industrial production fell by 2.3% in the **euro area** and by 1.6% in the **EU**, compared with June 2022, according to estimates from **Eurostat, the statistical office of the European Union**. In June 2022, industrial production increased by 1.1% in the **euro area** and by 1.0% in the **EU**.

In July 2022 compared with July 2021, industrial production decreased by 2.4% in the **euro area** and by 0.8% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in July 2022, compared with June 2022, production of capital goods fell by 4.2%, durable consumer goods by 1.6% and intermediate goods by 0.8%, while production of energy rose by 0.4% and non-durable consumer goods by 1.2%.

In the **EU**, production of capital goods fell by 3.2%, durable consumer goods by 1.6% and intermediate goods by 0.8%, while production of energy rose by 0.7% and non-durable consumer goods by 1.0%.

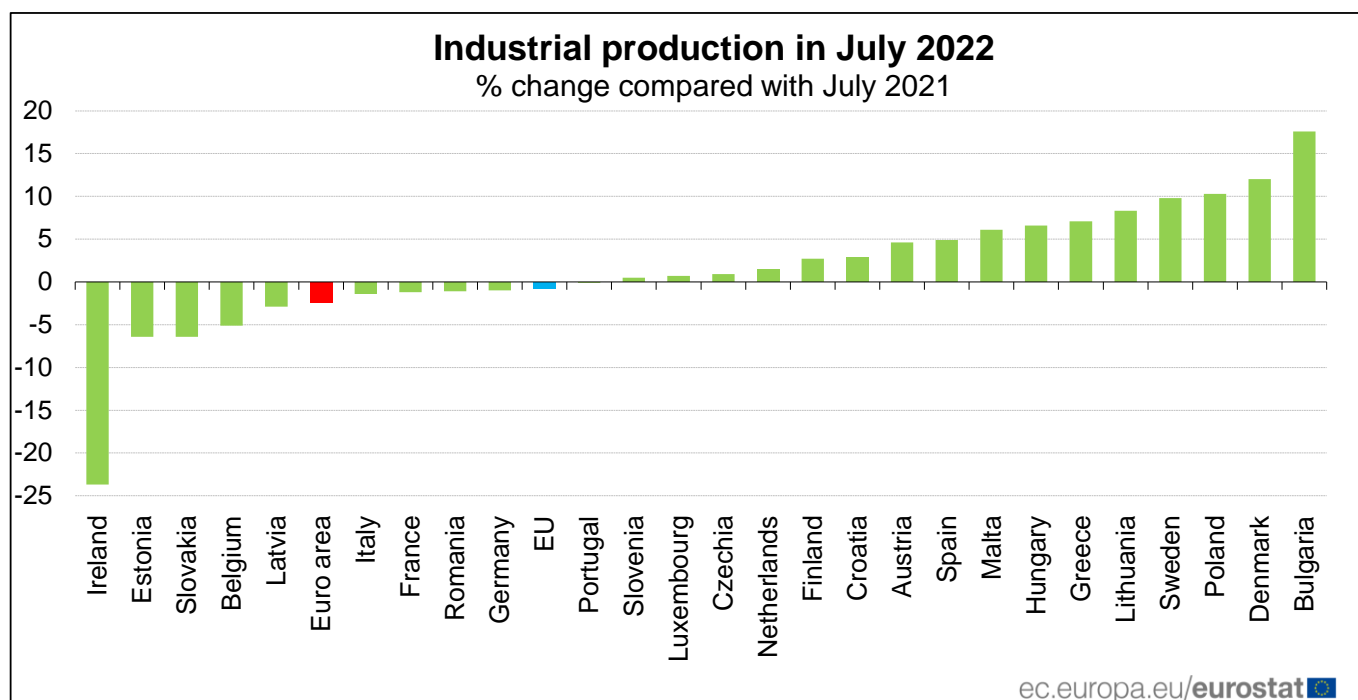
Among Member States for which data are available, the largest monthly decreases were registered in **Ireland** (-18.9%), **Estonia** (-7.4%) and **Austria** (-3.2%). The highest increases were observed in **Lithuania** (+6.5%), **Sweden** (+5.8%) and **Malta** (+4.2%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in July 2022, compared with July 2021, production of capital goods fell by 5.4%, intermediate goods by 1.8% and non-durable consumer goods by 1.1%, while production of energy rose by 1.1% and durable consumer goods by 1.4%.

In the **EU**, production of capital goods fell by 3.5% and intermediate goods by 1.4%, while production of durable consumer goods rose by 0.9%, non-durable consumer goods by 2.1% and energy by 3.1%.

Among Member States for which data are available, the largest annual decreases were registered in **Ireland** (-23.7%), **Estonia** and **Slovakia** (both -6.4%) and **Belgium** (-5.1%). The highest increases were observed in **Bulgaria** (+17.6%), **Denmark** (+12.0%) and **Poland** (+10.3%).



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 91/2022 of 12 August 2022, the monthly percentage change for June 2022 has been revised from +0.7% to +1.1% in the euro area and from +0.6% to +1.0% in the EU. The annual percentage change has been revised from +2.4% to +2.2% in the euro area and remained unchanged at +3.2% 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

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Industrial production

% change compared with previous month*

	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Euro area						
Total industry	0.6	-1.7	0.1	1.1	1.1	-2.3
Intermediate goods	0.9	-1.8	0.5	0.3	-0.1	-0.8
Energy	-2.4	0.9	2.3	-3.5	1.1	0.4
Capital goods	-0.6	-2.3	0.6	2.7	3.1	-4.2
Durable consumer goods	3.0	0.8	0.0	1.2	-1.2	-1.6
Non-durable consumer goods	2.1	-2.4	1.3	2.9	-4.4	1.2
EU						
Total industry	0.6	-1.1	-0.1	1.0	1.0	-1.6
Intermediate goods	0.7	-1.2	0.0	0.3	-0.2	-0.8
Energy	-1.5	2.9	-0.5	-3.4	1.0	0.7
Capital goods	-0.6	-2.3	0.9	2.6	2.8	-3.2
Durable consumer goods	2.6	0.4	-0.1	1.0	-1.5	-1.6
Non-durable consumer goods	1.9	-1.1	1.5	2.4	-3.3	1.0

Source dataset: [sts_inpr_m](#)

Total industry	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Euro area	0.6	-1.7	0.1	1.1	1.1	-2.3
EU	0.6	-1.1	-0.1	1.0	1.0	-1.6
Belgium	-0.7	-0.2	-1.3	0.6	-2.3	1.7
Bulgaria	0.3	5.2	0.0	1.4	-0.7	0.9
Czechia	-3.2	2.2	-1.3	2.0	1.7	-0.3
Denmark	1.5	4.2	0.7	3.0	1.0	-2.9
Germany	0.4	-4.8	2.0	0.1	1.2	-0.7
Estonia	-0.5	5.3	0.8	-0.4	-2.1	-7.4
Ireland**	3.3	0.8	-14.5	19.5	11.2	-18.9
Greece	2.3	5.2	-7.5	3.0	3.5	1.1
Spain	1.0	-2.0	2.4	-0.1	1.0	-1.0
France	-1.2	-0.6	-0.3	0.1	1.2	-1.5
Croatia	0.4	0.7	-1.1	0.4	1.2	-1.9
Italy	4.0	0.0	1.3	-1.2	-2.0	0.4
Cyprus	0.2	3.8	-1.1	-2.2	-3.3	:
Latvia	-2.5	3.4	-0.1	0.3	-2.2	-1.2
Lithuania	-4.2	12.4	-6.7	-7.5	-2.3	6.5
Luxembourg	-0.1	-4.5	3.2	-2.1	0.0	0.4
Hungary	2.0	-0.2	-1.5	1.5	0.6	1.0
Malta	-2.7	5.8	-4.8	3.4	5.0	4.2
Netherlands	-1.4	0.2	5.5	-1.8	-0.7	0.5
Austria	-3.3	-0.2	0.8	0.5	-0.1	-3.2
Poland	1.9	0.6	-0.4	-0.7	-0.2	0.9
Portugal	0.8	5.1	-2.1	-0.5	-1.4	-0.4
Romania	-1.2	-0.9	0.3	-0.7	-2.4	0.3
Slovenia	-7.7	3.4	-0.2	0.5	-0.3	-1.2
Slovakia	-2.2	-5.2	-1.1	2.2	-1.8	1.2
Finland	0.4	-1.4	3.3	0.1	1.2	-2.5
Sweden	-0.2	1.8	-1.3	0.2	2.1	5.8
Norway	-0.8	2.3	-0.3	0.8	-1.4	1.5
Switzerland	2.9	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*

	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Euro area						
Total industry	1.7	-1.1	-2.5	1.6	2.2	-2.4
Intermediate goods	3.2	-0.3	-0.3	0.1	-0.3	-1.8
Energy	-0.7	-1.5	-0.1	-2.0	0.2	1.1
Capital goods	-3.4	-3.5	-9.0	0.9	7.9	-5.4
Durable consumer goods	6.2	6.6	5.3	6.1	3.6	1.4
Non-durable consumer goods	9.3	2.2	3.6	6.7	-2.7	-1.1
EU						
Total industry	2.7	0.4	-0.9	2.7	3.2	-0.8
Intermediate goods	4.0	0.8	0.3	0.8	0.1	-1.4
Energy	2.8	4.2	2.3	0.8	2.3	3.1
Capital goods	-2.4	-3.3	-7.6	1.6	7.8	-3.5
Durable consumer goods	6.7	6.3	4.7	5.1	2.3	0.9
Non-durable consumer goods	9.8	4.4	6.6	8.7	1.3	2.1

Source dataset: [sts_inpr_m](#)

Total industry	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Euro area	1.7	-1.1	-2.5	1.6	2.2	-2.4
EU	2.7	0.4	-0.9	2.7	3.2	-0.8
Belgium	8.3	4.1	-1.8	-1.1	-11.1	-5.1
Bulgaria	14.8	19.3	17.3	20.5	17.7	17.6
Czechia	-0.9	-1.2	-4.6	1.6	2.8	0.9
Denmark	13.4	11.2	16.0	18.5	24.0	12.0
Germany	1.6	-4.7	-2.7	-1.4	0.5	-1.0
Estonia	1.7	8.2	4.0	4.8	0.0	-6.4
Ireland	-15.0	-8.2	-31.0	3.1	19.4	-23.7
Greece	5.4	9.0	-4.7	4.1	9.3	7.1
Spain	4.6	-1.0	2.8	5.1	7.5	4.9
France	2.0	-0.4	-0.8	-0.2	1.3	-1.2
Croatia	3.2	0.9	1.6	3.0	3.9	2.9
Italy	3.4	3.2	3.9	3.4	-1.1	-1.4
Cyprus	2.5	6.6	4.6	2.0	1.7	:
Latvia	-0.3	6.3	4.1	6.4	0.7	-2.9
Lithuania	19.2	27.5	21.0	4.6	1.5	8.3
Luxembourg	2.9	-3.2	-0.6	-1.4	-2.7	0.7
Hungary	5.1	4.4	4.8	3.5	4.7	6.6
Malta	-3.9	2.2	-10.8	-4.0	-0.9	6.1
Netherlands	2.8	0.8	7.8	4.6	2.3	1.5
Austria	10.9	8.6	9.2	10.2	10.0	4.6
Poland	17.5	15.5	15.1	12.4	10.5	10.3
Portugal	-5.5	0.9	-1.6	3.2	4.2	-0.1
Romania	0.7	-2.6	-7.1	2.6	-3.1	-1.1
Slovenia	-0.8	3.5	1.8	2.7	0.8	0.5
Slovakia	-0.3	-7.2	-9.6	1.0	-5.6	-6.4
Finland	3.0	1.9	6.7	4.9	8.4	2.7
Sweden	0.9	1.6	-0.2	1.1	1.8	9.8
Norway	1.7	3.0	3.0	5.0	2.2	1.7
Switzerland	11.8	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)

	07-21	08-21	09-21	10-21	11-21	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22
Euro area	106.1	103.3	102.6	101.7	104.5	105.9	105.0	105.6	103.8	103.9	105.0	106.2	103.8
EU	108.4	105.9	105.1	104.6	107.5	108.7	108.2	108.8	107.6	107.5	108.6	109.7	107.9
Belgium	133.1	129.9	130.3	132.4	125.6	128.2	129.1	128.2	127.9	126.2	127.0	124.1	126.2
Bulgaria	109.4	111.3	113.0	114.0	115.8	117.3	119.9	120.3	126.6	126.6	128.4	127.5	128.7
Czechia	113.2	110.8	107.5	108.0	114.6	110.6	114.1	110.4	112.8	111.3	113.5	115.4	115.1
Denmark	117.1	120.5	111.6	115.3	119.4	119.6	120.3	122.1	127.2	128.1	131.9	133.2	129.3
Germany	96.5	92.4	92.4	95.3	96.0	97.1	97.3	97.7	93.0	94.9	95.0	96.1	95.4
Estonia	126.0	123.0	129.0	124.9	128.5	130.4	123.6	123.0	129.5	130.6	130.1	127.4	118.0
Ireland*	160.1	141.9	130.3	90.2	126.7	140.1	129.9	134.2	135.3	115.7	138.3	153.8	124.7
Greece	115.3	116.4	118.0	120.9	119.7	120.3	115.4	118.1	124.3	115.0	118.4	122.6	124.0
Spain	101.0	101.4	102.6	103.1	105.4	105.4	105.1	106.2	104.1	106.6	106.5	107.6	106.5
France	98.5	99.0	97.5	98.6	97.8	97.9	99.6	98.4	97.8	97.5	97.6	98.8	97.3
Croatia	108.8	109.7	108.9	110.3	109.8	112.2	112.4	112.8	113.6	112.3	112.7	114.0	111.8
Italy	105.7	105.2	105.4	104.7	106.7	105.5	101.9	106.0	106.0	107.4	106.1	104.0	104.4
Cyprus	131.3	134.6	128.5	132.4	131.6	130.3	133.6	133.9	139.0	137.5	134.5	130.1	:
Latvia	125.3	122.2	123.9	122.5	122.5	126.4	125.4	122.3	126.4	126.3	126.7	123.9	122.4
Lithuania	140.1	140.2	148.4	150.3	150.7	155.9	158.8	152.1	171.0	159.5	147.6	144.2	153.6
Luxembourg	93.7	95.7	95.4	94.9	95.4	97.1	97.5	97.4	93.0	96.0	94.0	94.0	94.4
Hungary	119.2	116.1	115.8	116.7	120.4	121.2	122.6	125.1	124.9	123.0	124.8	125.6	126.9
Malta	105.5	99.9	99.3	100.8	99.8	99.0	100.3	97.6	103.3	98.3	101.6	106.7	111.2
Netherlands	105.6	102.7	103.5	103.0	104.0	105.9	105.0	103.5	103.7	109.4	107.4	106.6	107.1
Austria	118.3	120.0	118.8	121.8	124.4	126.8	130.7	126.4	126.2	127.2	127.8	127.7	123.6
Poland	138.0	136.8	137.7	140.3	145.8	145.8	149.3	152.2	153.1	152.5	151.5	151.2	152.6
Portugal	98.6	96.7	98.6	99.0	101.0	102.4	97.2	98.0	103.0	100.8	100.3	98.9	98.5
Romania	109.3	108.9	106.4	107.0	110.2	111.5	113.5	112.1	111.1	111.4	110.6	108.0	108.3
Slovenia	127.5	128.1	128.6	129.2	133.7	136.1	136.2	125.7	130.0	129.7	130.3	129.9	128.4
Slovakia	113.1	109.1	107.6	111.0	120.2	118.9	115.9	113.4	107.5	106.3	108.6	106.6	107.9
Finland	113.4	114.1	115.0	115.1	115.9	119.7	116.0	116.5	114.9	118.7	118.8	120.2	117.2
Sweden	113.0	112.3	112.9	114.6	114.8	115.2	114.3	114.1	116.1	114.6	114.8	117.2	124.0
Norway	103.2	106.5	109.9	104.1	101.0	103.8	104.7	103.9	106.3	106.0	106.9	105.4	107.0
Switzerland	123.4	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)

	07-19	07-20	07-21	08-21	09-21	10-21	11-21	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22
Euro area	105.7	99.6	107.9	87.1	108.0	109.2	110.1	99.8	102.4	102.3	110.1	103.0	104.4	107.5	105.3
EU	105.6	99.6	108.3	90.5	110.2	112.1	113.5	102.9	105.5	105.5	114.6	106.6	108.1	111.2	107.4
Belgium	101.8	102.1	124.4	120.8	135.9	140.5	126.6	125.3	126.7	124.2	137.0	122.3	125.0	132.4	118.0
Bulgaria	110.1	103.5	112.2	106.6	113.2	119.0	122.8	119.7	116.1	114.6	133.1	123.6	123.4	129.6	132.0
Czechia	101.3	97.6	103.0	98.3	110.9	115.4	125.0	103.6	110.6	107.0	121.9	110.9	115.4	120.7	103.9
Denmark	100.0	87.2	101.3	115.2	119.1	124.6	126.4	115.9	121.7	118.2	134.3	123.5	130.9	134.5	113.5
Germany	101.2	90.9	96.6	86.4	96.6	98.5	102.3	92.1	91.3	94.5	100.8	93.4	93.3	97.6	95.6
Estonia	103.5	105.2	113.7	120.8	133.5	133.9	134.2	125.1	118.3	115.9	137.6	130.4	135.5	127.9	106.4
Ireland	100.5	132.9	167.8	114.7	162.4	133.7	137.0	116.4	152.9	108.4	111.6	117.7	122.9	125.6	128.0
Greece	118.9	118.8	128.7	111.2	122.4	118.4	116.7	119.4	105.6	114.8	126.0	113.4	118.4	128.2	137.9
Spain	111.2	103.7	107.2	81.4	104.8	108.0	111.4	97.0	102.0	105.9	107.5	105.1	112.0	112.8	112.4
France	102.3	93.1	96.7	76.2	98.9	104.9	101.8	98.7	102.9	98.2	107.0	97.2	93.0	103.0	95.5
Croatia	112.4	110.6	115.0	96.3	110.8	117.7	114.2	109.1	101.8	109.2	119.9	112.3	115.1	114.1	118.3
Italy	117.8	108.0	116.4	70.0	111.1	114.0	112.1	92.4	96.1	108.5	117.4	107.6	114.1	107.9	114.8
Cyprus	152.4	145.7	153.9	119.5	138.7	137.0	128.5	129.7	125.4	124.8	135.9	129.8	134.6	140.6	:
Latvia	116.7	117.2	127.8	129.9	129.9	130.5	126.7	132.2	99.7	102.6	124.1	127.8	131.8	132.4	124.1
Lithuania	116.4	114.7	135.9	136.4	148.0	157.4	156.1	160.5	154.7	147.4	179.5	157.2	145.7	141.7	147.2
Luxembourg	97.9	90.4	93.5	83.8	97.8	100.5	97.2	90.3	94.9	95.3	101.3	98.3	94.7	96.5	94.2
Hungary	112.8	104.7	115.2	103.9	123.1	123.7	128.0	109.5	117.8	126.7	135.6	121.3	126.2	130.2	122.8
Malta	109.4	107.2	115.2	97.1	103.4	107.9	100.7	84.1	96.9	90.3	103.4	97.8	103.8	112.6	122.2
Netherlands	97.9	93.7	102.2	93.5	106.1	108.1	109.3	105.6	103.3	98.2	109.7	107.9	107.0	109.5	103.7
Austria	113.2	108.6	120.3	105.4	123.9	128.0	132.2	124.7	116.4	119.8	138.3	127.2	126.7	132.8	125.8
Poland	116.9	117.9	132.3	126.5	140.5	149.3	152.8	140.0	144.3	148.2	166.9	152.8	150.6	151.0	145.9
Portugal	113.0	104.0	104.3	82.4	101.0	100.4	103.5	92.8	97.6	96.5	106.8	99.6	104.7	102.3	104.2
Romania	112.8	104.5	110.3	100.5	108.7	110.9	116.2	105.8	108.6	107.7	116.4	106.9	115.3	110.2	109.1
Slovenia	127.3	120.6	128.7	107.9	133.4	136.5	138.9	122.2	130.9	122.6	143.3	130.3	136.0	135.4	129.4
Slovakia	100.0	96.4	103.9	101.3	109.0	118.2	127.6	110.9	112.8	114.4	117.2	103.0	111.9	112.0	97.2
Finland	102.7	96.4	99.6	109.7	117.8	121.1	121.5	132.4	109.1	108.7	120.7	119.0	117.6	121.5	102.3
Sweden	89.7	81.9	90.4	96.0	116.1	122.1	123.4	118.2	111.2	112.9	130.8	115.8	115.0	122.8	99.3
Norway	85.1	91.4	92.7	103.0	103.7	109.9	107.6	107.8	112.7	103.9	111.5	103.0	106.2	100.1	94.3
Switzerland	116.4	110.0	121.7	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