

115/2021 - 13 October 2021

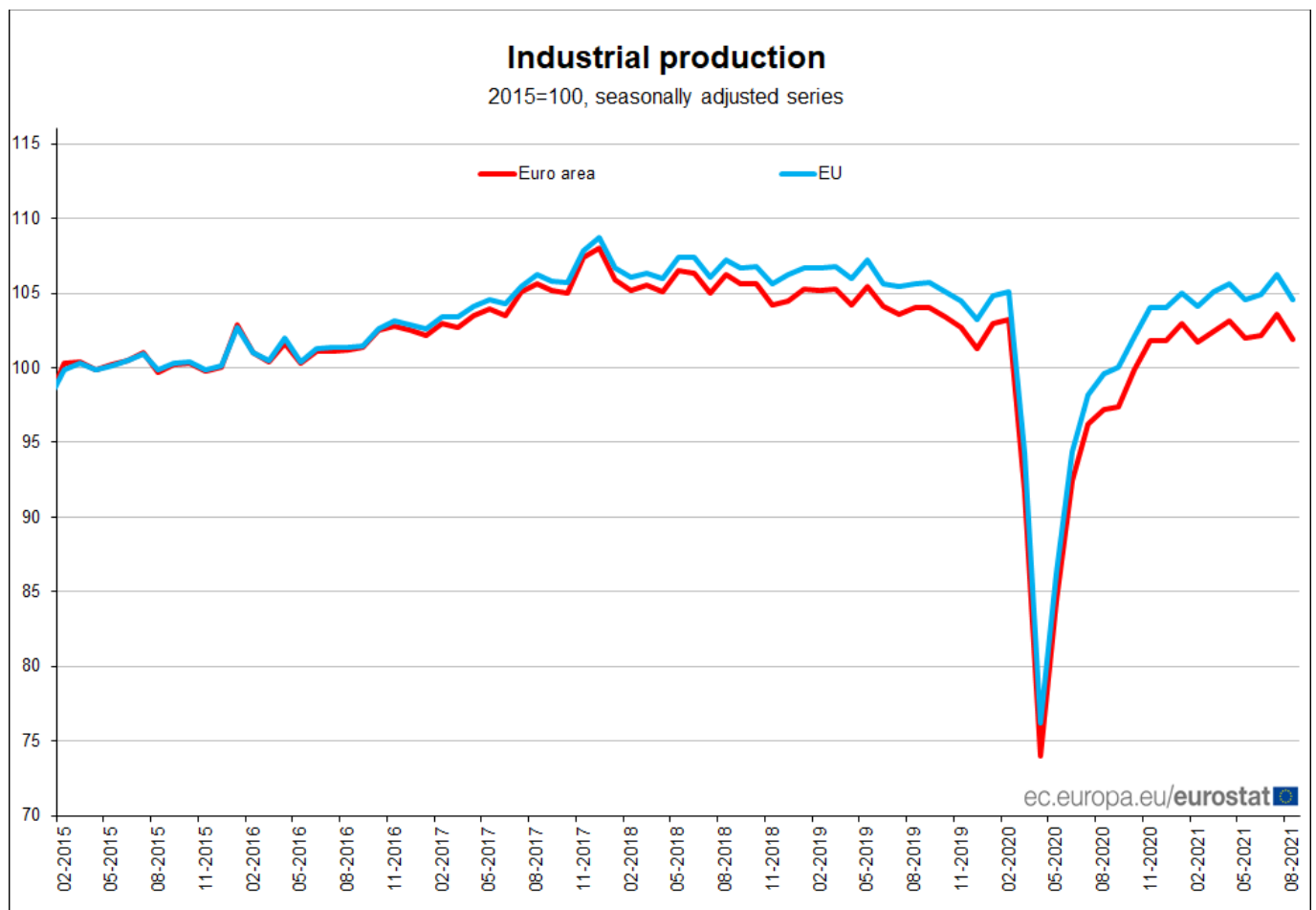
August 2021 compared with July 2021

Industrial production down by 1.6% in euro area and by 1.5% in the EU

Up by 5.1% and 5.3% compared with August 2020

In August 2021, the seasonally adjusted industrial production fell by 1.6% in the **euro area** and by 1.5% in the **EU**, compared with July 2021, according to estimates from **Eurostat, the statistical office of the European Union**. In July 2021, industrial production rose by 1.4% in the **euro area** and by 1.2% in the **EU**.

In August 2021 compared with August 2020, industrial production increased by 5.1% in the **euro area** and by 5.3% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in August 2021, compared with July 2021, production of capital goods fell by 3.9%, durable consumer goods by 3.4%, intermediate goods by 1.5% and non-durable consumer goods by 0.8%, while production of energy rose by 0.5%.

In the **EU**, production of capital goods fell by 4.0%, durable consumer goods by 2.9% and intermediate goods by 1.4%, while production of energy remained stable and non-durable consumer goods rose by 0.3%.

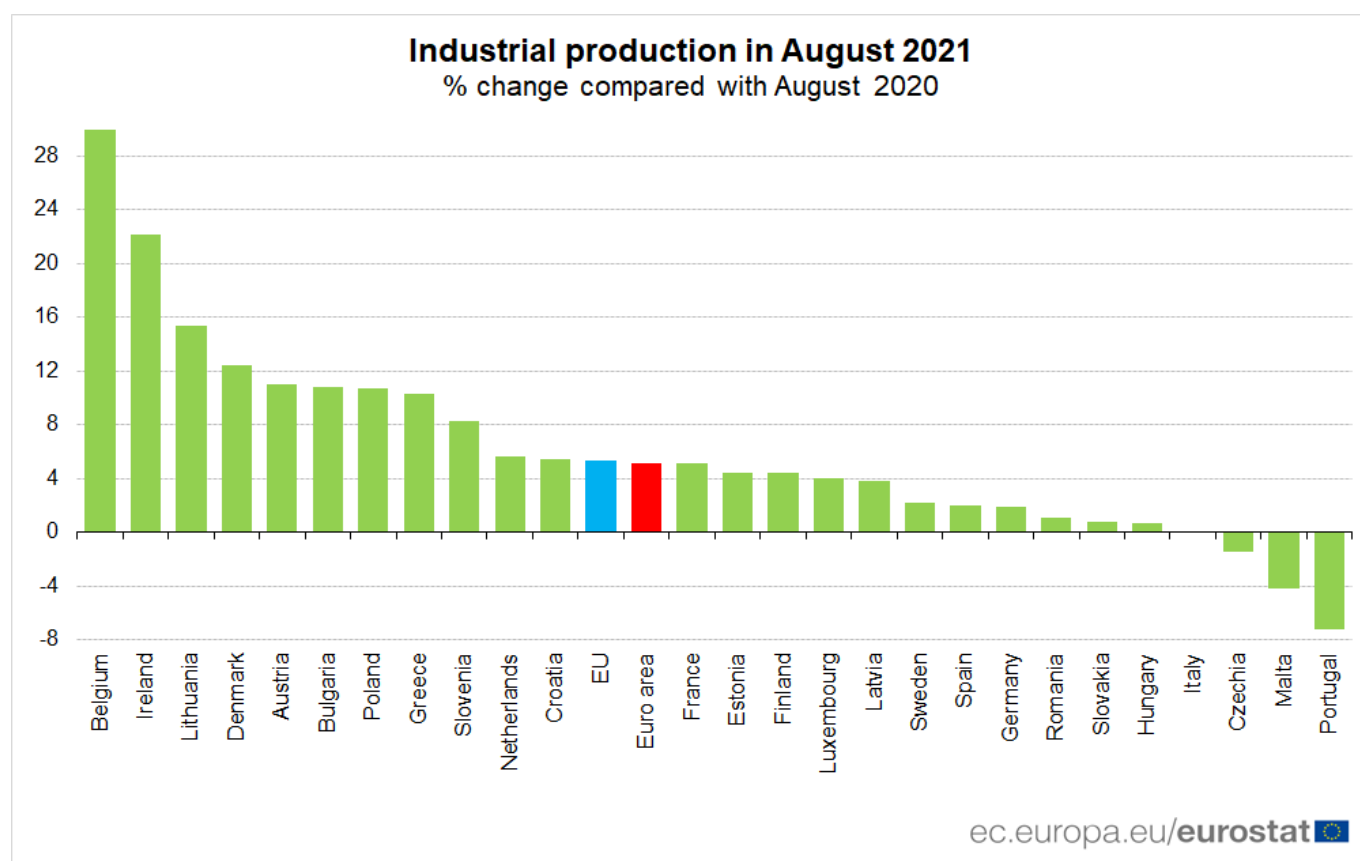
Among Member States for which data are available, the largest monthly decreases were registered in **Malta** (-6.3%), **Germany** and **Estonia** (both -4.1%) and **Slovakia** (-3.8%). The highest increases were observed in **Denmark** (+3.5%), **Lithuania** (+2.9%) and **Luxembourg** (+2.1%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in August 2021, compared with August 2020, production of non-durable consumer goods rose by 11.6%, intermediate goods by 6.6% and capital goods by 2.8%, while production of energy fell by 0.6% and durable consumer goods by 1.9%.

In the **EU**, production of non-durable consumer goods rose by 10.9%, intermediate goods by 7.1%, capital goods by 2.4% and energy by 1.0%, while production of durable consumer goods fell by 0.8%.

Among Member States for which data are available, the largest annual increases were registered in **Belgium** (+29.9%), **Ireland** (+22.1%) and **Lithuania** (+15.4%). Decreases were observed in **Portugal** (-7.2%), **Malta** (-4.2%) and **Czechia** (-1.4%).



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 102/2021 of 15 September 2021, the monthly percentage change for July 2021 has been revised from +1.5% to +1.4% in the euro area and from +1.4% to +1.2% in the EU. The annual percentage change has been revised from +7.7% to +8.0% in the euro area and from +8.3% to +8.4% 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*

	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
Euro area						
Total industry	0.7	0.7	-1.1	0.2	1.4	-1.6
Intermediate goods	1.0	0.8	-0.1	0.1	0.6	-1.5
Energy	1.6	1.9	-2.4	-0.5	-0.3	0.5
Capital goods	-0.5	0.7	-2.6	-1.3	2.6	-3.9
Durable consumer goods	-1.2	3.3	1.4	0.1	0.4	-3.4
Non-durable consumer goods	3.4	1.5	-1.8	3.6	2.2	-0.8
EU						
Total industry	1.0	0.5	-0.9	0.3	1.2	-1.5
Intermediate goods	1.3	0.4	-0.1	0.3	0.4	-1.4
Energy	1.5	2.1	-2.6	0.1	-0.1	0.0
Capital goods	0.0	0.4	-2.3	-1.3	2.5	-4.0
Durable consumer goods	-0.4	3.0	1.2	0.4	-0.6	-2.9
Non-durable consumer goods	3.2	0.9	-1.1	2.9	1.8	0.3

Source dataset: [sts_inpr_m](#)

Total industry	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
Euro area	0.7	0.7	-1.1	0.2	1.4	-1.6
EU	1.0	0.5	-0.9	0.3	1.2	-1.5
Belgium	4.0	4.5	0.2	8.4	0.6	0.1
Bulgaria	4.8	-0.4	-1.4	0.4	0.9	1.8
Czechia	2.4	1.5	-3.2	1.2	1.9	-3.1
Denmark	5.5	-2.9	0.6	-1.3	3.1	3.5
Germany	0.7	0.0	-0.8	-0.7	1.1	-4.1
Estonia	-1.7	4.3	-1.5	3.1	-0.2	-4.1
Ireland***	-3.0	0.4	-4.5	-4.1	6.9	-2.8
Greece	2.1	4.2	-4.5	-0.7	2.4	0.7
Spain	0.0	1.0	-0.8	0.2	0.4	0.1
France	1.0	-0.1	-0.3	0.4	0.5	1.0
Croatia	3.0	-2.0	-1.3	0.7	-1.1	0.7
Italy	0.4	1.7	-1.6	1.1	1.0	-0.2
Cyprus	-0.2	1.2	0.8	-4.0	2.9	:
Latvia	0.4	2.6	-2.2	1.2	0.8	-2.1
Lithuania	4.8	-1.7	7.2	0.1	-1.8	2.9
Luxembourg	0.6	1.2	-2.0	0.0	-2.2	2.1**
Hungary	0.0	-3.4	3.3	-0.5	-0.6	-2.7
Malta	1.6	6.2	-3.5	4.5	-0.7	-6.3
Netherlands	3.1	0.2	0.5	2.1	1.8	-3.1
Austria	2.4	0.5	-0.9	0.9	2.5	-0.2
Poland	2.7	-0.7	1.6	1.0	0.9	-1.1
Portugal	-0.4	0.5	-4.8	-2.2	3.7	-1.4
Romania	2.1	3.7	-8.4	0.3	-0.9	-0.1
Slovenia	0.6	0.9	-0.5	2.3	-1.8	1.0
Slovakia	0.3	-1.0	-2.2	2.7	0.8	-3.8
Finland	-2.2	1.4	2.1	-1.8	0.3	1.4
Sweden	1.9	-0.3	-0.4	1.1	0.3	-1.5
Norway	1.0	-0.1	-0.4	1.1	0.0	2.7
Switzerland	7.9	-1.7	-3.3	0.1	:	:

* Calendar and seasonally adjusted

** Estimated by Member State

*** 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*

	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
Euro area						
Total industry	12.0	39.8	20.5	10.6	8.0	5.1
Intermediate goods	13.8	38.6	24.2	15.8	11.3	6.6
Energy	3.9	13.5	6.4	3.3	1.5	-0.6
Capital goods	17.4	64.2	27.0	6.8	5.9	2.8
Durable consumer goods	34.4	117.3	37.6	16.1	9.5	-1.9
Non-durable consumer goods	3.5	19.8	11.9	12.6	10.7	11.6
EU						
Total industry	11.9	38.9	21.3	11.0	8.4	5.3
Intermediate goods	13.8	36.6	23.9	16.0	11.8	7.1
Energy	3.6	13.3	6.2	4.6	2.6	1.0
Capital goods	17.1	66.6	29.0	8.3	6.4	2.4
Durable consumer goods	34.1	111.3	39.1	16.3	8.7	-0.8
Non-durable consumer goods	3.4	17.9	12.0	11.2	10.2	10.9

Source dataset: sts_inpr_m

Total industry	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
Euro area	12.0	39.8	20.5	10.6	8.0	5.1
EU	11.9	38.9	21.3	11.0	8.4	5.3
Belgium	14.3	35.3	19.8	34.8	29.5	29.9
Bulgaria	7.3	22.1	16.4	10.4	8.6	10.8
Czechia	14.2	54.3	25.2	11.1	6.8	-1.4
Denmark	5.6	7.8	11.3	3.9	14.1	12.4
Germany	5.5	33.8	19.8	6.7	6.3	1.9
Estonia	1.6	16.8	15.9	10.8	9.3	4.4
Ireland	1.9	31.1	25.5	8.4	18.9	22.1
Greece	6.0	23.3	14.5	9.2	8.0	10.3
Spain	13.3	50.7	26.2	11.3	3.3	2.0
France	14.1	45.1	21.2	7.3	4.2	5.1
Croatia	9.9	17.3	15.9	8.2	4.0	5.4
Italy	38.4	79.0	21.2	13.8	7.2	0.0
Cyprus	9.7	55.6	13.8	5.8	6.1	:
Latvia	4.7	20.7	10.6	7.6	8.4	3.8
Lithuania	14.7	25.8	25.1	20.5	15.6	15.4
Luxembourg	17.6	40.8	20.2	10.5	1.8	4.0**
Hungary	16.1	59.4	40.0	18.6	10.2	0.7
Malta	-4.5	18.4	9.0	14.3	7.7	-4.2
Netherlands	2.2	8.6	9.2	12.4	10.9	5.6
Austria	12.1	35.5	24.2	16.3	11.8	11.0
Poland	16.0	44.9	30.0	18.3	12.2	10.7
Portugal	6.1	38.4	26.6	10.6	0.4	-7.2
Romania	11.2	64.9	29.5	12.7	5.6	1.1
Slovenia	11.2	35.4	22.1	20.4	8.8	8.3
Slovakia	24.7	69.1	36.6	13.7	7.8	0.8
Finland	-2.5	2.0	7.6	4.2	3.5	4.4
Sweden	4.5	23.1	20.4	14.6	11.4	2.2
Norway	0.7	0.9	2.1	4.4	1.3	2.7
Switzerland	12.8	16.0	17.4	13.1	:	:

* Calendar adjusted

** Estimated by Member State

: Data not available

Source dataset: sts_inpr_m

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

	08/20	09/20	10/20	11/20	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21
Euro area	97.2	97.4	99.9	101.8	101.8	103.0	101.7	102.4	103.1	102.0	102.2	103.6	101.9
EU	99.6	100.0	102.1	104.0	104.0	105.0	104.1	105.1	105.6	104.6	104.9	106.2	104.6
Belgium	108.8	110.3	117.7	115.1	113.6	120.6	118.6	123.3	128.9	129.2	140.0	140.9	141.1
Bulgaria	100.6	103.1	103.8	102.2	102.3	103.3	104.2	109.2	108.8	107.3	107.7	108.7	110.7
Czechia	110.5	111.3	113.5	113.6	113.4	112.2	110.6	113.3	115.0	111.3	112.6	114.7	111.1
Denmark	105.0	107.3	100.6	107.9	108.7	109.4	107.9	113.8	110.5	111.2	109.7	113.1	117.1
Germany	89.5	91.4	94.6	95.6	96.8	96.7	94.7	95.4	95.4	94.6	93.9	94.9	91.0
Estonia	112.2	113.6	116.8	116.3	118.5	117.7	117.5	115.5	120.5	118.7	122.4	122.1	117.1
Ireland**	93.7	90.2	92.3	127.6	121.8	121.0	125.7	121.9	122.4	116.9	112.1	119.8	116.5
Greece	105.1	107.2	104.4	111.1	111.0	114.6	111.7	114.1	118.9	113.5	112.7	115.4	116.2
Spain	101.0	101.7	102.6	102.0	102.5	101.6	102.1	102.1	103.1	102.3	102.5	102.9	103.0
France	95.4	97.0	99.2	98.6	98.1	101.5	96.8	97.8	97.7	97.4	97.8	98.3	99.3
Croatia	104.1	105.5	107.6	104.9	105.7	107.4	109.7	113.0	110.7	109.3	110.1	108.9	109.7
Italy	104.8	100.2	101.8	100.5	100.7	102.3	102.4	102.8	104.5	102.8	103.9	104.9	104.7
Cyprus	122.4	126.0	126.6	128.3	128.1	128.6	129.1	128.8	130.3	131.3	126.1	129.8	:
Latvia	116.2	117.0	117.4	119.5	120.7	118.9	120.3	120.8	123.9	121.2	122.6	123.6	121.0
Lithuania	119.5	120.1	118.5	119.0	119.7	122.6	126.0	132.0	129.7	139.0	139.2	136.7	140.6
Luxembourg	91.3	93.9	94.3	94.7	91.5	96.4	94.8	95.4	96.5	94.6	94.6	92.5	94.4*
Hungary	115.2	116.8	119.0	118.0	116.2	115.2	120.8	120.8	116.7	120.6	120.0	119.3	116.1
Malta	105.2	102.7	107.0	104.9	104.7	104.6	100.0	101.6	107.9	104.1	108.8	108.0	101.2
Netherlands	97.6	98.2	100.5	99.7	99.8	101.4	99.2	102.3	102.5	103.0	105.2	107.1	103.8
Austria	108.1	110.0	113.1	111.0	110.1	113.5	114.3	117.1	117.7	116.6	117.6	120.5	120.2
Poland	122.6	125.4	126.6	127.6	128.0	129.8	130.2	133.7	132.7	134.8	136.2	137.4	135.9
Portugal	107.0	103.9	105.7	100.0	101.7	100.9	102.1	101.7	102.2	97.3	95.2	98.7	97.3
Romania	108.7	110.3	112.3	111.8	112.8	113.5	113.4	115.8	120.1	110.0	110.3	109.3	109.2
Slovenia	120.1	120.5	124.1	124.1	123.0	125.6	126.8	127.5	128.7	128.1	131.1	128.7	130.0
Slovakia	110.5	111.8	110.8	114.1	113.7	114.2	114.0	114.3	113.1	110.6	113.6	114.5	110.2
Finland	109.7	107.7	109.6	110.6	110.2	110.4	113.0	110.5	112.0	114.3	112.2	112.5	114.1
Sweden	111.0	109.7	110.1	110.3	111.5	111.2	112.2	114.3	114.0	113.5	114.7	115.1	113.4
Norway	103.2	101.0	97.4	98.9	102.1	103.2	101.9	102.9	102.8	102.4	103.5	103.5	106.3
Switzerland	111.1	113.7	110.8	114.8	114.0	117.5	117.7	127.0	124.9	120.8	120.9	:	:

* Estimated by Member State

** 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)

	08/18	08/19	08/20	09/20	10/20	11/20	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21
Euro area	90.0	88.0	81.8	102.1	106.9	107.9	95.5	100.7	98.4	109.1	102.9	100.6	103.5	105.6	86.0
EU	92.1	90.5	85.0	104.7	109.3	110.2	98.1	102.6	100.8	112.3	105.3	103.5	106.3	106.3	89.5
Belgium	103.9	108.6	101.7	115.4	124.5	117.0	111.3	118.1	114.7	131.6	124.6	126.4	148.9	132.2	132.1
Bulgaria	104.0	102.7	96.7	103.3	108.8	108.4	104.3	99.6	100.2	112.1	105.5	102.4	110.4	112.4	107.1
Czechia	105.6	103.6	99.6	115.4	121.9	123.4	105.3	108.8	107.8	122.9	115.7	113.2	117.1	104.2	98.2
Denmark	102.9	106.7	100.7	113.4	108.3	114.7	105.1	110.9	104.2	120.8	106.5	110.4	108.7	99.5	113.2
Germany	98.7	93.9	83.8	95.7	98.0	102.0	91.2	90.6	91.2	103.2	94.3	93.0	95.3	95.0	85.4
Estonia	110.3	114.8	110.1	117.3	125.4	121.6	113.7	113.3	111.2	122.5	120.0	123.1	122.4	110.5	114.9
Ireland	81.0	80.2	75.4	111.2	125.1	151.5	97.0	143.1	102.8	102.7	135.6	94.0	86.7	132.8	92.1
Greece	105.2	105.0	100.8	110.8	101.1	107.5	110.0	106.5	108.9	115.7	118.9	113.6	117.1	128.3	111.2
Spain	84.2	85.3	80.0	104.1	108.9	106.6	95.2	100.2	101.3	108.5	102.3	106.6	105.0	107.2	81.6
France	80.6	79.3	72.7	98.8	105.5	101.9	98.5	103.6	96.4	107.1	98.2	93.3	101.9	96.9	76.4
Croatia	94.1	92.5	91.4	107.8	114.7	110.2	102.8	97.2	105.8	118.8	110.5	111.8	109.8	115.0	96.3
Italy	71.4	70.4	69.9	105.7	111.4	104.9	88.2	98.6	104.4	113.1	103.1	109.8	108.6	115.8	69.9
Cyprus	110.9	117.8	109.4	136.4	131.4	126.4	127.9	120.5	119.9	125.5	121.7	130.8	135.9	151.9	:
Latvia	125.9	128.4	124.6	122.8	127.1	125.5	123.6	94.0	102.9	116.9	122.8	123.9	131.5	127.2	129.3
Lithuania	116.1	116.2	118.4	121.6	126.6	126.3	120.4	124.5	122.3	139.3	128.4	137.4	137.6	132.7	136.6
Luxembourg	89.8	89.1	79.2	96.6	100.3	96.8	84.1	93.4	91.8	104.3	98.4	95.8	96.8	92.8	82.4*
Hungary	100.4	103.6	103.5	125.7	127.3	125.1	104.7	110.2	120.8	130.1	115.6	121.8	124.6	115.3	104.2
Malta	98.9	105.2	101.3	107.8	114.2	105.8	90.0	101.6	94.0	101.3	109.5	106.8	113.5	115.5	97.0
Netherlands	94.1	93.2	89.3	99.6	105.2	104.5	99.6	101.2	95.5	109.2	100.2	102.3	107.2	103.9	94.3
Austria	100.7	99.3	96.2	116.1	119.0	118.8	110.2	101.1	108.3	127.8	116.4	114.4	121.2	121.2	106.8
Poland	112.1	112.9	114.5	129.3	135.7	133.0	123.0	125.0	126.0	144.5	132.7	134.0	136.7	132.3	126.7
Portugal	91.6	87.1	89.2	105.8	106.8	102.5	92.6	102.1	102.1	105.8	101.2	101.5	98.2	104.4	82.8
Romania	108.5	102.2	99.2	112.9	118.5	116.6	106.1	107.7	106.9	119.5	115.1	112.4	113.7	110.3	100.3
Slovenia	103.5	104.2	101.8	125.8	132.4	128.2	109.0	120.1	124.1	139.1	128.6	133.1	136.9	131.3	110.3
Slovakia	110.5	101.4	100.6	114.5	119.0	122.3	101.9	109.4	114.7	126.4	114.0	110.8	118.8	103.9	101.4
Finland	105.0	109.1	106.0	109.9	115.3	115.7	118.8	104.1	105.7	118.7	111.7	112.5	112.6	100.1	110.7
Sweden	93.3	96.3	94.6	112.9	117.1	118.4	114.4	108.8	111.7	128.3	116.1	113.5	120.1	91.1	96.7
Norway	101.8	92.3	100.0	95.8	102.7	105.0	105.7	112.3	102.1	108.0	99.9	101.0	97.7	92.6	102.7
Switzerland	93.7	99.0	93.8	115.5	122.7	128.4	115.0	110.8	111.5	136.7	119.5	121.3	125.3	:	:

* Estimated by Member State

: Data not available

Source dataset: [sts_inpr_m](#)