

128/2021 - 12 November 2021

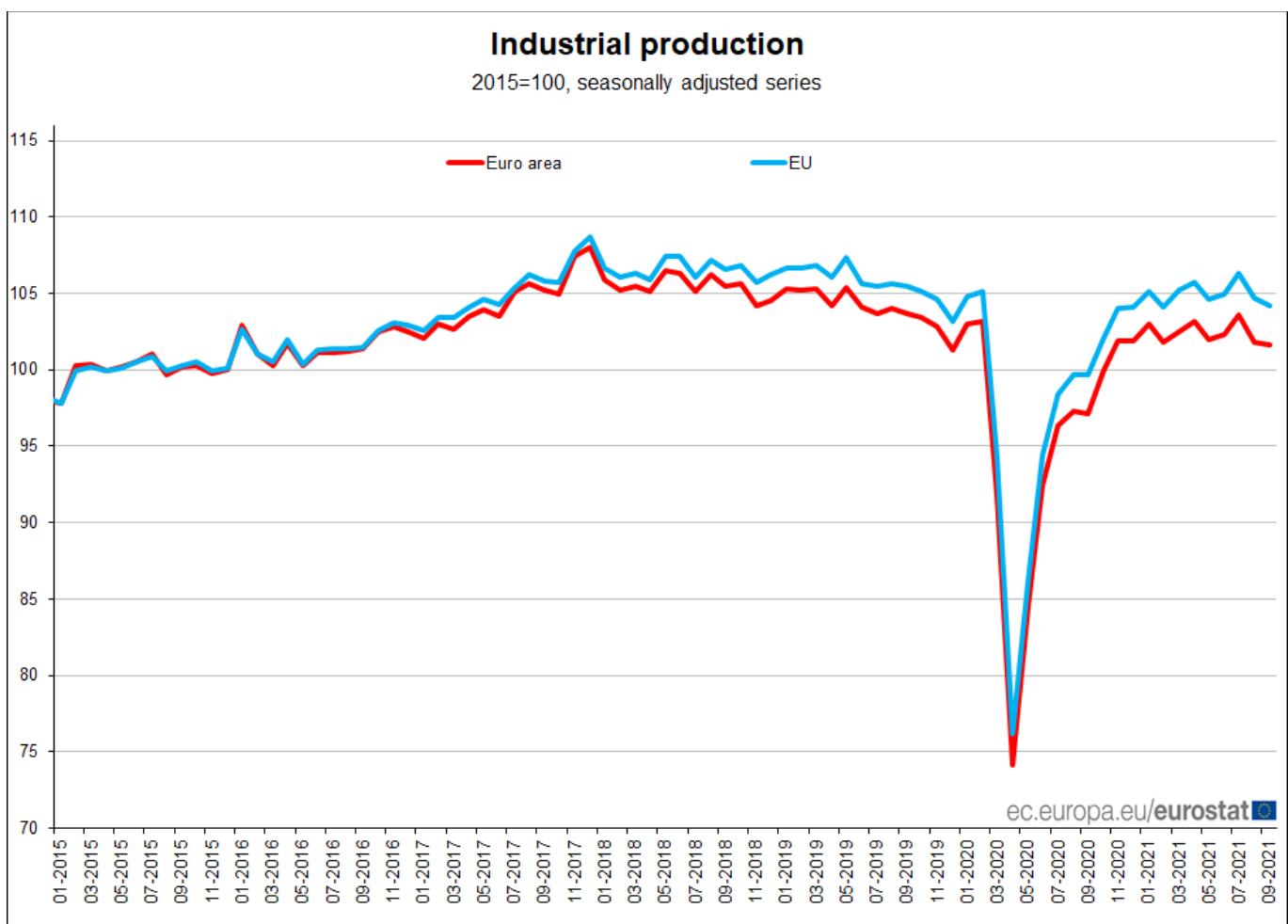
September 2021 compared with August 2021

Industrial production down by 0.2% in euro area and by 0.5% in the EU

Up by 5.2% and 5.0% compared with September 2020

In September 2021, the seasonally adjusted industrial production fell by 0.2% in the **euro area** and by 0.5% in the **EU**, compared with August 2021, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2021, industrial production fell by 1.7% in the **euro area** and by 1.5% in the **EU**.

In September 2021 compared with September 2020, industrial production increased by 5.2% in the **euro area** and by 5.0% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in September 2021, compared with August 2021, production of capital goods fell by 0.7%, intermediate goods by 0.2%, while production of energy remained stable, durable consumer goods rose by 0.5% and non-durable consumer goods by 1.0%.

In the **EU**, production of capital goods fell by 0.9%, while production of intermediate goods remained stable, energy and non-durable consumer goods both rose by 0.4% and durable consumer goods by 0.8%.

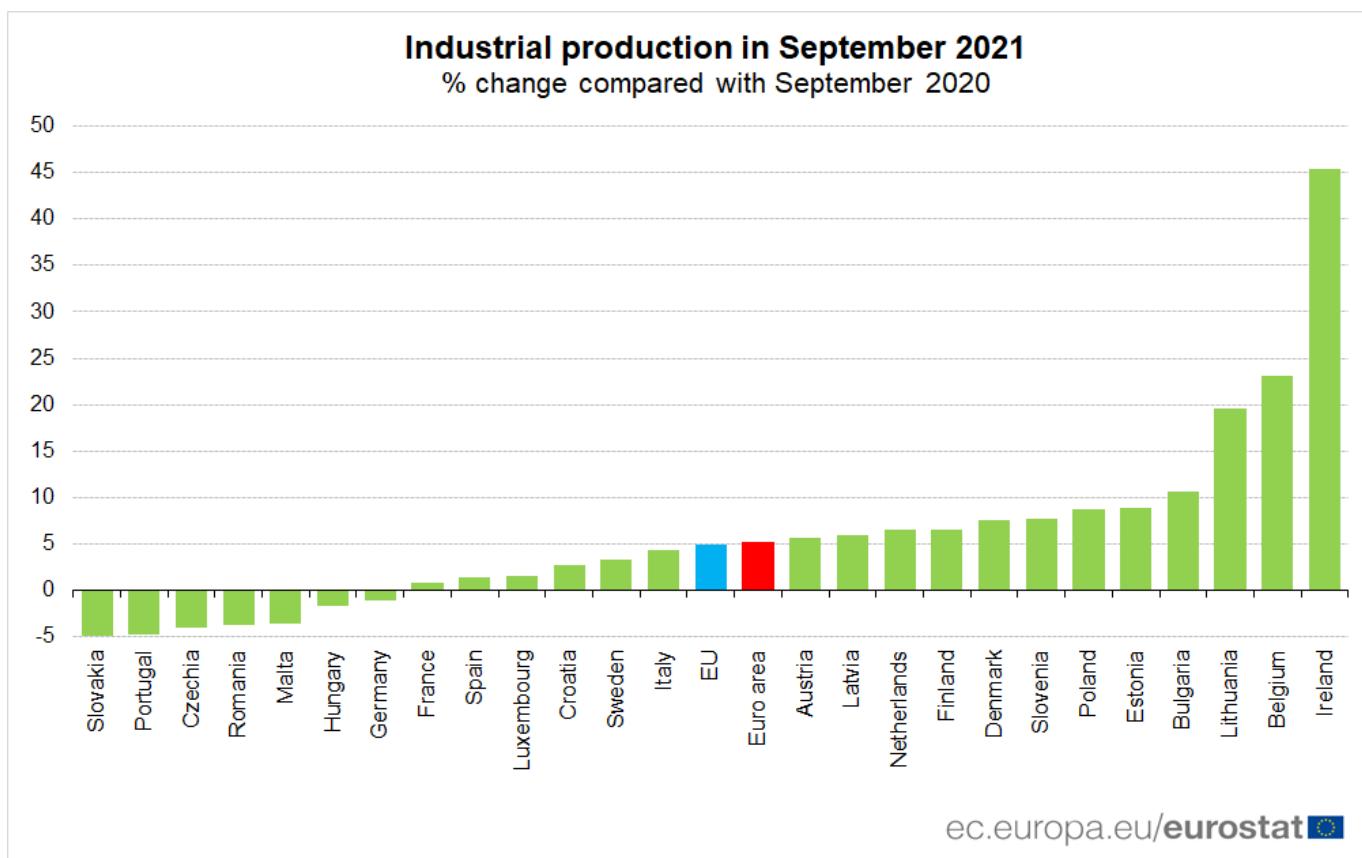
Among Member States for which data are available, the largest monthly decreases were registered in **Denmark** (-5.0%), **Czechia** (-3.2%) and **Austria** (-3.0%). The highest increases were observed in **Estonia** (+5.3%), **Lithuania** (+4.3%) and **Belgium** (+3.7%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in September 2021, compared with September 2020, production of non-durable consumer goods rose by 8.5%, capital goods by 5.9%, intermediate goods by 5.0% and durable consumer goods by 1.1%, while production of energy remained stable.

In the **EU**, production of non-durable consumer goods rose by 8.3%, intermediate goods by 5.6%, capital goods by 4.0%, energy by 2.8% and durable consumer goods by 1.9%.

Among Member States for which data are available, the largest annual increases were registered in **Ireland** (+45.4%), **Belgium** (+23.1%) and **Lithuania** (+19.6%). The highest decreases were observed in **Slovakia** (-4.9%), **Portugal** (-4.8%) and **Czechia** (-4.0%).



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 115/2021 of 13 October 2021, the monthly percentage change for August 2021 has been revised from -1.6% to -1.7% in the euro area and remained unchanged at -1.5% in the EU. The annual percentage change has been revised from +5.1% to +4.9% in the euro area and from +5.3% to +5.2% 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 €-indicators release calendar

European Statistics Code of Practice

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Industrial production
% change compared with previous month*

	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Euro area						
Total industry	0.7	-1.2	0.3	1.3	-1.7	-0.2
Intermediate goods	0.9	-0.1	0.2	0.4	-1.4	-0.2
Energy	1.9	-2.4	-0.4	-0.3	0.5	0.0
Capital goods	1.0	-2.6	-1.3	2.8	-3.6	-0.7
Durable consumer goods	3.5	1.4	0.0	0.4	-3.5	0.5
Non-durable consumer goods	1.2	-1.8	3.8	1.1	-1.1	1.0
EU						
Total industry	0.5	-1.0	0.4	1.2	-1.5	-0.5
Intermediate goods	0.6	-0.2	0.3	0.4	-1.5	0.0
Energy	2.1	-2.6	0.1	0.1	0.6	0.4
Capital goods	0.6	-2.3	-1.2	2.5	-3.9	-0.9
Durable consumer goods	3.2	1.2	0.3	-0.5	-3.0	0.8
Non-durable consumer goods	0.5	-1.1	3.1	1.0	0.0	0.4

Source dataset: [sts_inpr_m](#)

Total industry	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Euro area	0.7	-1.2	0.3	1.3	-1.7	-0.2
EU	0.5	-1.0	0.4	1.2	-1.5	-0.5
Belgium	4.4	0.2	8.2	-4.2	-1.9	3.7
Bulgaria	-0.4	-1.4	0.4	0.9	2.1	1.6
Czechia	1.4	-3.2	1.2	1.9	-3.2	-3.2
Denmark	-2.9	0.8	-1.6	5.1	4.4	-5.0
Germany	0.1	-0.9	-0.5	1.2	-3.7	-1.4
Estonia	4.5	-1.5	3.1	-0.2	-4.1	5.3
Ireland**	0.4	-4.5	-4.2	8.8	-4.2	3.5
Greece	4.2	-4.5	-0.7	2.4	0.7	:
Spain	0.9	-0.8	0.3	0.4	0.2	0.2
France	0.0	-0.4	0.4	0.5	1.1	-1.3
Croatia	-2.0	-1.3	0.7	-1.1	0.7	-1.2
Italy	1.7	-1.6	1.1	1.0	-0.3	0.1
Cyprus	1.2	0.8	-3.5	2.8	-0.5	:
Latvia	2.6	-2.2	1.2	1.1	-1.9	1.5
Lithuania	-1.7	7.2	0.1	-1.8	2.7	4.3
Luxembourg	1.3	-2.0	0.6	-2.6	2.9	-0.3**
Hungary	-3.4	3.3	-0.4	-0.7	-2.9	-0.3
Malta	6.0	-3.2	4.1	-0.8	-6.2	-0.8
Netherlands	0.2	0.5	2.1	0.9	-2.5	0.8
Austria	0.4	-0.9	0.9	2.4	-0.8	-3.0
Poland	-0.7	1.6	1.0	0.9	-1.2	0.6
Portugal	0.5	-4.8	-2.2	3.6	-1.9	1.7
Romania	3.7	-8.4	0.3	-0.9	-0.4	-2.0
Slovenia	1.0	-0.5	2.3	-1.8	0.9	0.2
Slovakia	-1.1	-2.4	2.5	0.9	-4.0	-1.6
Finland	1.4	2.0	-1.7	0.3	1.3	0.5
Sweden	-0.3	-0.4	1.1	0.3	-1.3	-0.2
Norway	-0.2	-0.3	1.1	0.0	2.6	3.3
Switzerland	-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*

	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Euro area						
Total industry	39.6	20.6	10.6	7.8	4.9	5.2
Intermediate goods	38.7	24.1	15.9	11.2	6.7	5.0
Energy	13.5	6.4	3.4	1.5	-0.5	0.0
Capital goods	64.4	27.2	7.1	6.1	3.2	5.9
Durable consumer goods	117.5	37.7	16.1	9.7	-1.9	1.1
Non-durable consumer goods	19.5	11.5	12.4	9.1	9.0	8.5
EU						
Total industry	39.1	21.2	11.1	8.3	5.2	5.0
Intermediate goods	36.9	24.1	16.2	11.8	7.1	5.6
Energy	13.3	6.2	4.7	2.7	1.7	2.8
Capital goods	67.0	29.1	8.4	6.5	2.5	4.0
Durable consumer goods	111.5	39.1	16.3	8.7	-0.6	1.9
Non-durable consumer goods	17.4	11.7	11.1	8.8	8.7	8.3

Source dataset: [sts_inpr_m](#)

Total industry	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Euro area	39.6	20.6	10.6	7.8	4.9	5.2
EU	39.1	21.2	11.1	8.3	5.2	5.0
Belgium	35.3	19.8	34.8	21.8	19.2	23.1
Bulgaria	22.1	16.4	10.4	8.6	10.7	10.6
Czechia	54.3	25.2	11.1	6.8	-1.4	-4.0
Denmark	7.8	11.3	3.9	15.9	14.8	7.5
Germany	33.9	20.0	6.9	6.6	2.7	-1.1
Estonia	16.8	15.9	10.8	9.3	4.4	8.9
Ireland	31.1	25.5	8.4	18.9	22.1	45.4
Greece	23.3	14.5	9.2	8.0	10.3	:
Spain	50.7	26.2	11.3	3.2	2.0	1.4
France	45.0	21.0	7.2	4.3	4.9	0.8
Croatia	17.3	15.9	8.2	4.0	5.4	2.8
Italy	79.0	21.2	13.8	7.2	-0.1	4.4
Cyprus	55.6	13.9	6.3	6.4	5.8	:
Latvia	20.7	10.6	7.6	9.0	4.3	5.9
Lithuania	25.8	25.1	20.5	15.6	14.5	19.6
Luxembourg	40.8	20.2	11.3	1.9	5.6	1.6**
Hungary	59.4	40.1	18.6	10.3	0.6	-1.7
Malta	18.5	9.7	14.5	8.1	-3.8	-3.6
Netherlands	8.6	9.2	12.4	9.6	5.3	6.6
Austria	35.5	24.2	16.3	11.8	10.5	5.6
Poland	44.9	30.0	18.3	12.2	10.5	8.7
Portugal	38.4	26.6	10.6	0.3	-7.6	-4.8
Romania	64.9	29.5	12.7	5.6	1.3	-3.7
Slovenia	35.4	22.0	20.2	8.7	8.1	7.7
Slovakia	69.1	36.8	13.8	7.7	0.7	-4.9
Finland	2.1	7.6	4.2	3.6	4.2	6.6
Sweden	23.1	20.4	14.6	11.4	2.5	3.3
Norway	0.9	2.1	4.4	1.3	2.7	7.9
Switzerland	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)

	09/20	10/20	11/20	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21	09/21
Euro area	97.1	99.9	101.9	101.9	103.0	101.8	102.5	103.2	102.0	102.3	103.6	101.8	101.6
EU	99.7	102.1	104.0	104.1	105.1	104.1	105.2	105.7	104.6	105.0	106.3	104.7	104.2
Belgium	110.4	117.9	115.1	113.6	120.4	118.4	123.0	128.4	128.7	139.3	133.5	130.9	135.8
Bulgaria	103.1	103.8	102.2	102.3	103.3	104.2	109.2	108.8	107.3	107.7	108.7	111.0	112.8
Czechia	111.4	113.6	113.7	113.5	112.2	110.5	113.3	114.9	111.2	112.5	114.6	110.9	107.3
Denmark	106.7	100.2	107.8	108.6	109.5	108.0	114.1	110.8	111.7	109.9	115.5	120.6	114.6
Germany	91.4	94.6	95.6	96.8	96.7	94.7	95.4	95.5	94.6	94.1	95.2	91.7	90.4
Estonia	113.4	116.8	116.3	118.5	117.6	117.4	115.4	120.6	118.8	122.5	122.3	117.3	123.5
Ireland**	84.4	92.4	128.5	122.5	121.7	126.5	123.0	123.5	118.0	113.1	123.1	117.9	122.0
Greece	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	101.7	102.5	102.0	102.4	101.6	102.1	102.2	103.1	102.3	102.6	103.0	103.2	103.4
France	97.2	99.2	98.6	98.1	101.6	96.9	97.8	97.8	97.4	97.8	98.3	99.4	98.1
Croatia	105.5	107.6	104.9	105.7	107.4	109.7	113.0	110.7	109.3	110.1	108.9	109.7	108.4
Italy	100.2	101.8	100.5	100.7	102.3	102.4	102.8	104.5	102.8	103.9	104.9	104.6	104.7
Cyprus	126.0	126.6	128.3	128.1	128.6	129.1	128.8	130.3	131.3	126.7	130.3	129.7	:
Latvia	116.7	117.3	119.4	120.6	118.8	120.3	120.9	124.1	121.4	122.9	124.2	121.8	123.6
Lithuania	120.1	118.5	119.0	119.7	122.6	126.0	132.0	129.7	139.0	139.2	136.7	140.4	146.5
Luxembourg	93.8	94.3	94.7	91.5	96.5	94.8	95.4	96.6	94.7	95.3	92.8	95.5	95.2*
Hungary	117.1	119.1	118.2	116.3	115.3	120.8	120.8	116.7	120.5	120.0	119.2	115.7	115.3
Malta	103.7	107.3	104.8	105.1	104.6	100.0	101.6	107.7	104.3	108.6	107.7	101.0	100.2
Netherlands	98.2	100.5	99.7	99.8	101.4	99.2	102.3	102.5	103.0	105.2	106.1	103.5	104.3
Austria	109.9	113.1	111.0	110.1	113.5	114.3	117.2	117.7	116.6	117.7	120.5	119.5	115.9
Poland	125.4	126.6	127.6	128.0	129.8	130.2	133.7	132.7	134.8	136.2	137.4	135.7	136.5
Portugal	103.9	105.7	100.0	101.7	100.9	102.1	101.7	102.2	97.3	95.2	98.6	96.7	98.3
Romania	110.3	112.3	111.8	112.8	113.5	113.4	115.8	120.1	110.0	110.3	109.3	108.9	106.7
Slovenia	120.6	124.1	124.1	123.0	125.6	126.8	127.4	128.7	128.0	130.9	128.5	129.7	130.0
Slovakia	112.8	111.1	114.6	113.9	114.4	114.1	114.1	112.8	110.1	112.8	113.8	109.3	107.5
Finland	107.9	109.8	110.6	110.2	110.6	113.1	110.7	112.3	114.5	112.5	112.8	114.3	114.9
Sweden	109.9	110.1	110.4	111.6	111.2	112.2	114.3	114.0	113.5	114.7	115.1	113.6	113.4
Norway	101.2	97.4	98.9	102.1	103.2	101.8	102.9	102.7	102.4	103.5	103.5	106.2	109.7
Switzerland	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)

	09/18	09/19	09/20	10/20	11/20	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21	09/21
Euro area	110.6	109.3	102.2	106.9	107.9	95.5	100.8	98.5	109.1	102.9	100.7	103.5	105.4	85.8	107.5
EU	111.5	110.8	104.7	109.3	110.2	98.1	102.7	100.9	112.3	105.4	103.5	106.4	106.2	89.4	109.9
Belgium	111.5	120.5	115.4	124.5	117.0	111.3	118.1	114.7	131.6	124.6	126.4	148.9	124.4	121.2	142.0
Bulgaria	106.0	106.1	103.3	108.8	108.4	104.3	99.6	100.2	112.1	105.5	102.4	110.4	112.4	107.0	114.2
Czechia	118.1	116.7	115.4	121.9	123.4	105.3	108.8	107.8	122.9	115.7	113.2	117.1	104.2	98.2	110.8
Denmark	113.1	118.7	113.4	108.3	114.7	105.1	110.9	104.2	120.8	106.5	110.4	108.7	101.1	115.6	121.9
Germany	109.9	104.4	95.7	98.0	102.0	91.2	90.6	91.2	103.2	94.4	93.1	95.5	95.3	86.1	94.6
Estonia	116.2	119.7	117.3	125.4	121.6	113.7	113.3	111.2	122.4	120.0	123.1	122.4	110.5	114.9	127.7
Ireland	119.8	128.8	111.2	125.1	151.5	97.0	143.1	102.8	102.7	135.6	94.0	86.7	132.8	92.1	161.7
Greece	111.2	113.3	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	107.0	107.3	104.1	108.9	106.6	95.2	100.2	101.3	108.5	102.3	106.6	105.0	107.1	81.6	105.6
France	105.2	106.0	98.9	105.5	101.8	98.5	103.8	96.5	107.2	98.3	93.3	101.9	97.0	76.4	99.7
Croatia	107.0	109.0	107.8	114.7	110.2	102.8	97.2	105.8	118.8	110.5	111.8	109.8	115.0	96.3	110.8
Italy	113.2	110.9	105.7	111.4	104.9	88.2	98.6	104.4	113.1	103.1	109.8	108.6	115.8	69.8	110.4
Cyprus	133.3	140.5	136.3	131.5	126.4	127.9	120.6	120.0	125.4	121.7	130.9	136.5	152.4	115.7	:
Latvia	117.9	126.3	122.8	127.1	125.5	123.6	94.0	102.9	116.9	122.8	123.9	131.5	127.8	129.9	130.0
Lithuania	114.0	122.3	121.6	126.6	126.3	120.4	124.5	122.3	139.3	128.4	137.4	137.6	132.7	135.6	145.4
Luxembourg	103.0	102.2	96.6	100.3	96.8	84.1	93.4	91.8	104.3	98.4	95.8	97.5	92.9	83.6	98.1*
Hungary	116.0	126.9	125.7	127.3	125.1	104.7	110.3	120.8	130.1	115.6	121.9	124.7	115.4	104.1	123.6
Malta	106.9	111.3	107.8	114.1	105.8	90.0	101.5	94.1	101.2	109.6	107.5	113.6	115.8	97.5	103.9
Netherlands	104.0	105.3	99.6	105.2	104.5	99.6	101.2	95.5	109.2	100.2	102.3	107.2	102.7	94.0	106.2
Austria	119.5	119.0	116.1	119.0	118.8	110.2	101.1	108.3	127.8	116.4	114.4	121.2	121.2	106.3	122.6
Poland	121.5	125.3	129.3	135.7	133.0	123.0	125.0	126.0	144.5	132.7	134.0	136.7	132.3	126.5	140.6
Portugal	108.5	103.0	105.8	106.8	102.5	92.6	102.1	102.1	105.8	101.2	101.5	98.2	104.3	82.4	100.7
Romania	121.2	116.2	112.9	118.5	116.6	106.1	107.7	106.9	119.5	115.1	112.4	113.7	110.3	100.5	108.7
Slovenia	127.3	129.9	125.8	132.4	128.2	109.0	120.1	124.1	139.2	128.6	133.0	136.7	131.2	110.0	135.5
Slovakia	117.1	114.7	114.5	119.0	122.4	101.9	109.4	114.7	126.4	114.0	110.8	118.8	103.8	101.3	108.9
Finland	116.3	117.5	111.0	115.7	115.7	118.8	104.4	105.8	118.8	111.8	112.5	112.6	100.1	110.5	118.3
Sweden	111.9	115.4	112.9	117.1	118.4	114.4	108.8	111.7	128.3	116.1	113.5	120.1	91.2	97.0	116.6
Norway	98.0	90.2	95.8	102.7	105.0	105.7	112.3	102.1	108.0	99.9	101.0	97.7	92.6	102.7	103.4
Switzerland	108.3	119.5	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](#)