

138/2021 - 14 December 2021

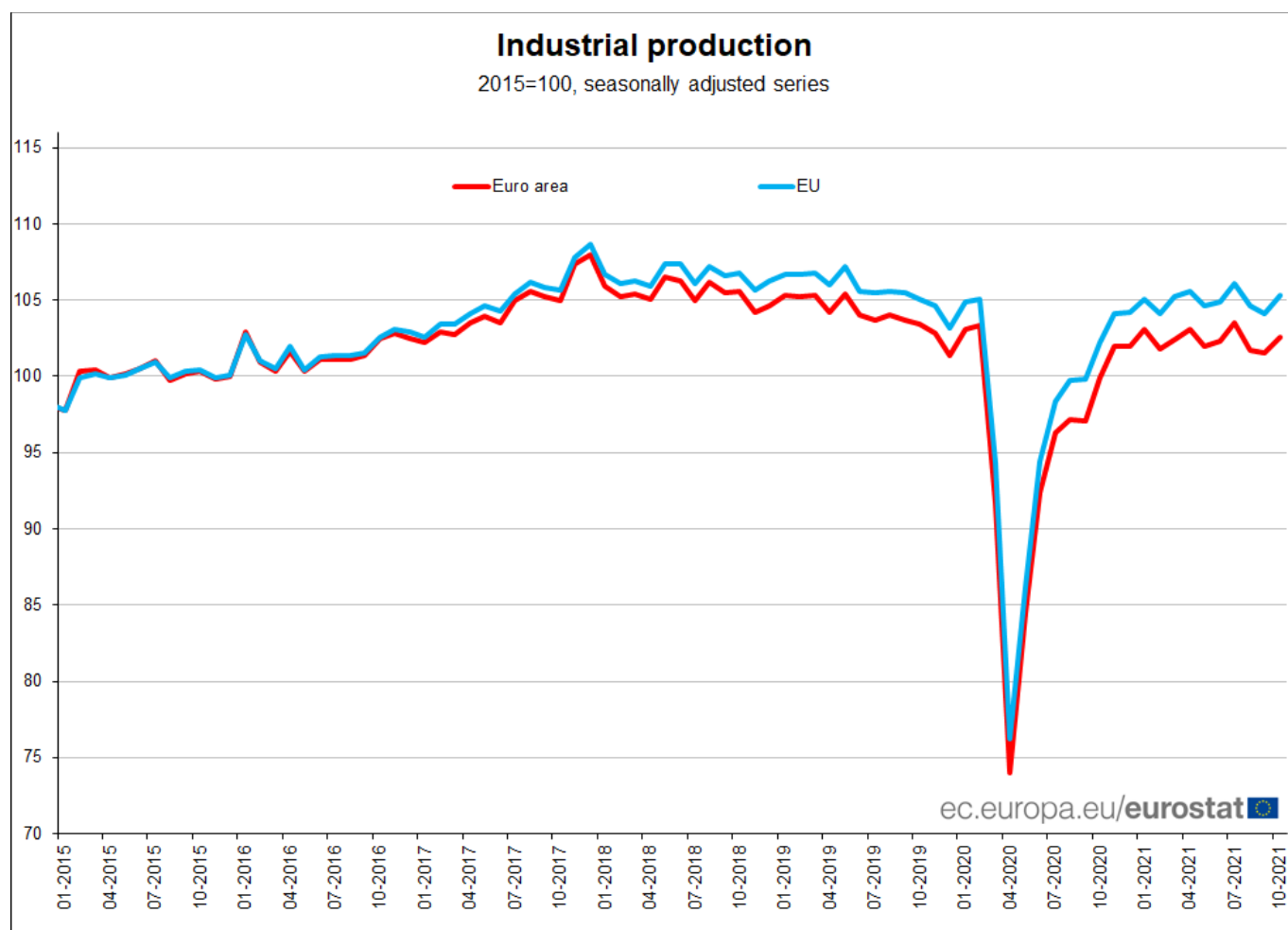
October 2021 compared with September 2021

Industrial production up by 1.1% in euro area and by 1.2% in the EU

Up by 3.3% and 3.6% compared with October 2020

In October 2021, the seasonally adjusted industrial production rose by 1.1% in the **euro area** and by 1.2% in the **EU**, compared with September 2021, according to estimates from **Eurostat, the statistical office of the European Union**. In September 2021, industrial production fell by 0.2% in the **euro area** and by 0.5% in the **EU**.

In October 2021 compared with October 2020, industrial production increased by 3.3% in the **euro area** and by 3.6% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in October 2021, compared with September 2021, production of capital goods rose by 3.0%, durable consumer goods by 1.7%, non-durable consumer goods by 0.4% and energy by 0.1%, while production of intermediate goods fell by 0.6%.

In the **EU**, production of capital goods rose by 3.0%, energy by 1.7%, durable consumer goods by 1.3% and non-durable consumer goods by 0.7%, while production of intermediate goods fell by 0.3%.

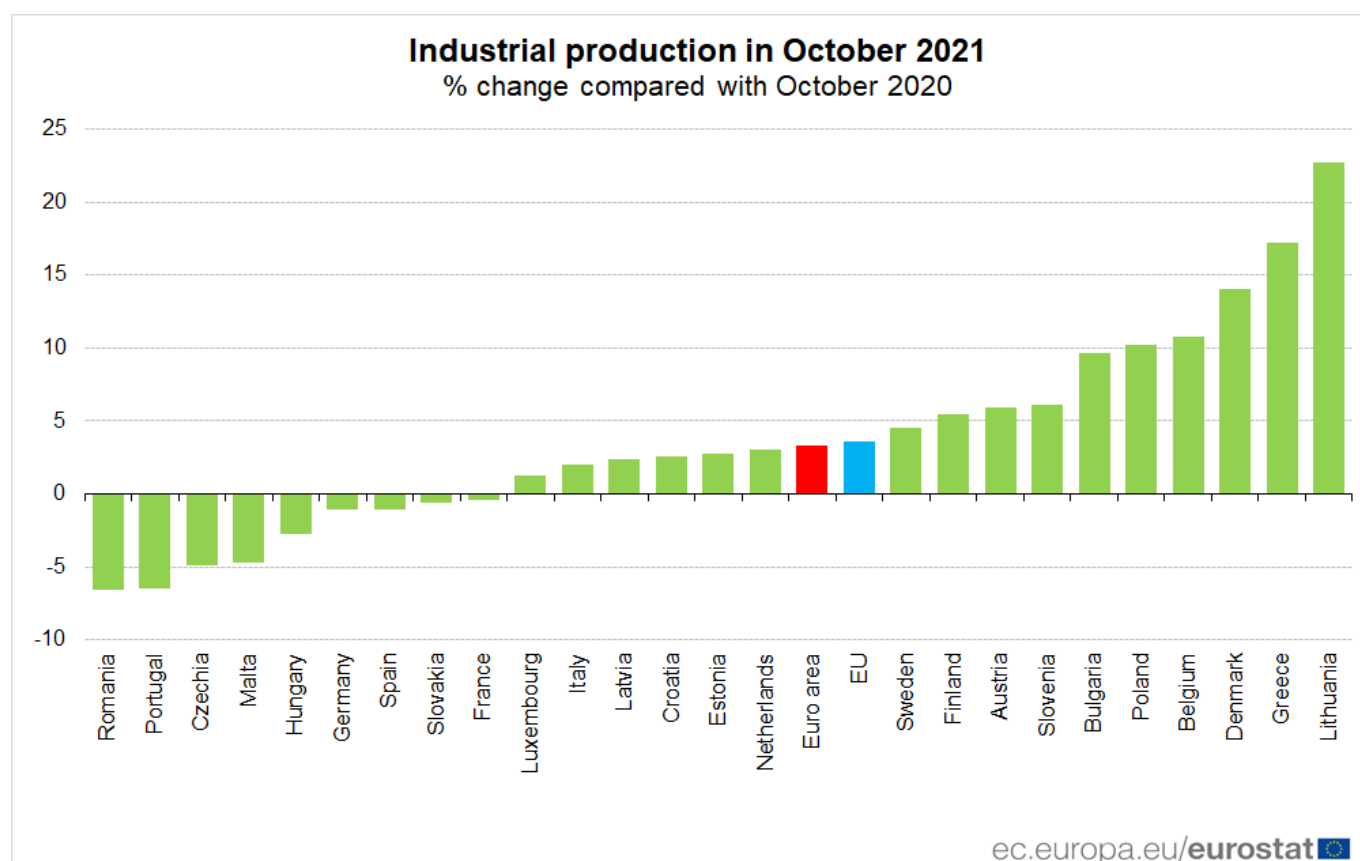
Among Member States for which data are available, the highest monthly increases were registered in **Germany** and **Slovakia** (both +3.0%), **Greece** (+2.5%) and **Denmark** (+2.1%). The highest decreases were observed in **Estonia** (-2.4%), **Latvia** (-1.5%), the **Netherlands** and **Romania** (both -0.9%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in October 2021, compared with October 2020, production of non-durable consumer goods rose by 6.9%, capital goods by 5.2%, durable consumer goods by 2.3% and intermediate goods by 2.1%, while production of energy fell by 1.0%.

In the **EU**, production of non-durable consumer goods rose by 7.9%, capital goods by 3.5%, energy by 3.1% and both intermediate goods and durable consumer goods by 2.6%.

Among Member States for which data are available, the largest annual increases were registered in **Lithuania** (+22.7%), **Greece** (+17.2%) and **Denmark** (+14.0%). The highest decreases were observed in **Romania** (-6.6%), **Portugal** (-6.5%) and **Czechia** (-4.9%).



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 128/2021 of 12 November 2021, the monthly percentage change for September 2021 remained unchanged at -0.2% in the euro area and at -0.5% in the EU. The annual percentage change has been revised from +5.2% to +5.1% in the euro area and from +5.0% to +4.8% 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*

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21
Euro area						
Total industry	-1.1	0.3	1.2	-1.7	-0.2	1.1
Intermediate goods	-0.1	0.1	0.3	-1.4	-0.2	-0.6
Energy	-2.5	-0.4	-0.4	0.6	0.4	0.1
Capital goods	-2.5	-1.4	2.7	-3.5	-0.4	3.0
Durable consumer goods	1.4	0.1	0.3	-3.2	0.6	1.7
Non-durable consumer goods	-1.8	3.9	1.0	-1.1	0.5	0.4
EU						
Total industry	-0.9	0.3	1.1	-1.4	-0.5	1.2
Intermediate goods	-0.1	0.2	0.3	-1.5	-0.1	-0.3
Energy	-2.6	0.1	0.0	0.7	0.4	1.7
Capital goods	-2.3	-1.3	2.5	-4.0	-0.5	3.0
Durable consumer goods	1.3	0.3	-0.7	-2.7	0.7	1.3
Non-durable consumer goods	-1.1	3.3	0.8	0.0	-0.2	0.7

Source dataset: [sts_inpr_m](#)

Total industry	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21
Euro area	-1.1	0.3	1.2	-1.7	-0.2	1.1
EU	-0.9	0.3	1.1	-1.4	-0.5	1.2
Belgium	0.1	8.3	-4.2	-2.3	0.6	0.1
Bulgaria	-1.4	0.4	0.9	2.1	1.4	0.7
Czechia	-3.3	1.1	0.5	-2.1	-3.0	0.9
Denmark	0.9	-1.7	5.1	4.6	-7.3	2.1
Germany	-0.9	-0.5	1.2	-3.7	-1.0	3.0
Estonia	-1.5	3.1	-1.1	-3.1	4.9	-2.4
Ireland**	-4.5	-4.2	8.8	-4.2	3.5	:
Greece	-4.5	-0.7	2.5	0.6	1.5	2.5
Spain	-0.8	0.1	0.5	-0.2	-0.2	-0.6
France	-0.3	0.6	0.4	1.0	-1.5	0.9
Croatia	-1.3	0.7	-1.1	0.7	-1.2	1.8
Italy	-1.6	1.1	0.9	-0.3	0.1	-0.6
Cyprus	0.8	-3.4	2.5	0.2	-5.8	:
Latvia	-2.3	1.2	1.1	-2.1	1.5	-1.5
Lithuania	7.2	0.1	-1.8	2.7	5.0	0.6
Luxembourg	-2.0	0.6	-2.6	3.0	-0.5	0.3
Hungary	3.3	-0.4	-0.7	-2.9	-0.3	0.3
Malta	-3.2	4.0	-1.1	-6.2	-0.3	1.8
Netherlands	0.5	2.1	0.9	-2.5	0.9	-0.9
Austria	-0.8	0.3	1.7	1.1	-1.7	1.3
Poland	1.6	1.0	0.9	-1.2	0.7	2.0
Portugal	-4.8	-2.2	3.6	-1.9	1.4	0.5
Romania	-8.4	0.3	-0.9	-0.4	-2.3	-0.9
Slovenia	-0.5	2.3	-1.8	0.9	0.8	0.5
Slovakia	-2.4	2.7	1.0	-3.9	-1.5	3.0
Finland	2.0	-1.7	0.4	1.2	0.7	0.2
Sweden	-0.4	1.1	0.1	-1.5	0.0	1.4
Norway	-0.3	1.1	0.0	2.6	3.3	-5.3
Switzerland	-2.9	-0.1	0.7	-0.4	1.0	:

* Calendar and seasonally adjusted

** September 2021 data for Ireland. 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*

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21
Euro area						
Total industry	20.5	10.5	7.7	4.9	5.1	3.3
Intermediate goods	24.0	15.9	11.2	6.7	4.9	2.1
Energy	6.2	3.3	1.5	-0.5	0.5	-1.0
Capital goods	27.2	6.8	6.1	3.2	6.2	5.2
Durable consumer goods	37.7	16.1	9.6	-1.9	1.5	2.3
Non-durable consumer goods	11.4	12.5	9.2	8.8	7.6	6.9
EU						
Total industry	21.2	11.1	8.2	5.2	4.8	3.6
Intermediate goods	23.9	16.1	11.7	7.0	5.3	2.6
Energy	6.1	4.4	2.7	1.6	2.7	3.1
Capital goods	29.1	8.3	6.5	2.4	4.3	3.5
Durable consumer goods	39.2	16.3	8.7	-0.4	2.0	2.6
Non-durable consumer goods	11.7	11.2	8.9	8.7	7.4	7.9

Source dataset: [sts_inpr_m](#)

Total industry	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21
Euro area	20.5	10.5	7.7	4.9	5.1	3.3
EU	21.2	11.1	8.2	5.2	4.8	3.6
Belgium	19.8	34.8	21.8	18.8	18.1	10.8
Bulgaria	16.4	10.4	8.6	10.7	9.8	9.7
Czechia	25.1	11.1	5.1	-1.6	-3.9	-4.9
Denmark	11.3	3.8	15.9	14.5	5.5	14.0
Germany	20.0	6.9	6.6	2.7	-0.7	-1.1
Estonia	15.9	10.8	8.2	4.4	8.5	2.8
Ireland**	25.5	8.4	18.9	22.1	45.4	:
Greece	14.6	9.4	8.2	10.2	10.3	17.2
Spain	26.2	11.3	3.2	1.8	0.5	-1.1
France	20.8	7.2	4.3	4.9	0.4	-0.4
Croatia	15.9	8.2	4.0	5.4	2.8	2.6
Italy	21.1	13.8	7.2	-0.1	4.5	2.0
Cyprus	13.8	6.3	6.1	6.1	-2.6	:
Latvia	10.6	7.6	9.0	4.3	5.9	2.4
Lithuania	25.1	20.5	15.6	14.5	20.2	22.7
Luxembourg	20.2	11.4	1.9	5.7	1.3	1.3
Hungary	40.1	18.6	10.3	0.6	-1.7	-2.7
Malta	9.8	14.5	7.7	-4.3	-3.4	-4.7
Netherlands	9.2	12.4	9.8	5.3	7.0	3.0
Austria	23.4	15.6	11.4	11.0	6.8	5.9
Poland	30.0	18.3	12.2	10.5	8.7	10.2
Portugal	26.6	10.6	0.3	-7.6	-4.9	-6.5
Romania	29.5	12.7	5.6	1.3	-3.7	-6.6
Slovenia	22.0	20.2	8.6	8.0	8.6	6.1
Slovakia	36.8	13.7	7.7	0.7	-4.8	-0.6
Finland	7.6	4.2	3.5	4.0	6.8	5.5
Sweden	20.8	15.1	10.9	2.0	2.9	4.5
Norway	2.1	4.4	1.3	2.7	7.9	6.8
Switzerland	18.0	12.9	10.3	8.6	6.5	:

* Calendar adjusted

** September 2021 data for Ireland

: Data not available

Source dataset: [sts_inpr_m](#)

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

	10/20	11/20	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21	09/21	10/21
Euro area	99.9	102.0	102.0	103.1	101.8	102.4	103.1	102.0	102.3	103.5	101.7	101.5	102.6
EU	102.2	104.1	104.2	105.1	104.1	105.2	105.6	104.6	104.9	106.1	104.6	104.1	105.3
Belgium	118.1	115.3	113.7	120.5	118.3	122.9	128.3	128.4	139.0	133.1	130.1	130.9	131.0
Bulgaria	103.8	102.2	102.3	103.3	104.2	109.2	108.8	107.3	107.7	108.7	111.0	112.5	113.3
Czechia	113.9	113.8	113.5	112.3	110.5	113.3	114.9	111.1	112.3	112.9	110.5	107.2	108.2
Denmark	99.9	107.7	108.8	109.4	108.0	114.1	110.8	111.8	109.9	115.5	120.8	112.0	114.4
Germany	94.6	95.6	96.8	96.7	94.7	95.4	95.5	94.6	94.1	95.2	91.7	90.8	93.5
Estonia	116.8	116.3	118.5	117.7	117.5	115.4	120.5	118.7	122.4	121.0	117.2	123.0	120.1
Ireland*	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	103.7	111.0	110.9	114.6	111.7	114.2	119.1	113.8	113.0	115.8	116.5	118.2	121.1
Spain	102.8	102.1	102.6	101.7	102.1	102.1	103.0	102.2	102.3	102.8	102.6	102.4	101.8
France	99.2	98.7	98.2	101.6	96.9	97.8	97.6	97.3	97.9	98.3	99.3	97.8	98.7
Croatia	107.6	104.9	105.7	107.4	109.7	113.0	110.7	109.3	110.1	108.9	109.7	108.4	110.4
Italy	102.0	100.6	100.8	102.3	102.4	102.8	104.5	102.8	103.9	104.8	104.5	104.6	104.0
Cyprus	126.6	128.3	128.1	128.6	129.0	128.7	130.2	131.2	126.7	129.9	130.1	122.5	:
Latvia	117.9	119.7	120.8	119.0	120.4	120.9	124.0	121.2	122.6	123.9	121.3	123.1	121.3
Lithuania	118.5	119.0	119.7	122.6	126.0	132.0	129.7	139.0	139.2	136.7	140.4	147.4	148.3
Luxembourg	94.2	94.7	91.5	96.4	94.8	95.4	96.6	94.7	95.3	92.8	95.6	95.1	95.4
Hungary	119.0	118.2	116.2	115.3	120.8	120.8	116.7	120.5	120.0	119.2	115.8	115.4	115.8
Malta	107.3	104.8	105.1	104.6	100.0	101.6	107.7	104.3	108.5	107.3	100.6	100.3	102.1
Netherlands	100.5	99.7	99.8	101.4	99.2	102.3	102.5	103.0	105.2	106.1	103.4	104.3	103.4
Austria	112.9	112.4	112.5	114.6	114.4	116.2	117.2	116.3	116.6	118.6	119.9	117.9	119.4
Poland	126.6	127.6	128.0	129.8	130.2	133.7	132.7	134.8	136.2	137.4	135.7	136.6	139.3
Portugal	105.7	100.0	101.7	100.9	102.1	101.7	102.2	97.3	95.2	98.6	96.7	98.1	98.6
Romania	112.3	111.8	112.8	113.5	113.4	115.8	120.1	110.0	110.3	109.3	108.9	106.4	105.4
Slovenia	123.9	124.0	122.9	125.5	126.8	127.5	128.7	128.1	131.0	128.6	129.8	130.8	131.4
Slovakia	110.3	114.4	113.4	114.2	113.9	114.2	113.0	110.3	113.3	114.4	109.9	108.2	111.5
Finland	109.5	110.6	110.2	110.6	113.1	110.7	112.3	114.5	112.5	112.9	114.3	115.1	115.3
Sweden	110.0	110.4	111.7	111.6	112.5	114.6	114.3	113.8	115.0	115.1	113.4	113.4	115.0
Norway	97.3	99.0	102.1	103.2	101.8	102.8	102.7	102.4	103.5	103.5	106.2	109.7	103.9
Switzerland	112.4	116.6	115.8	118.7	119.2	126.9	125.9	122.3	122.2	123.0	122.5	123.7	:

* September 2021 data for Ireland. 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)

	10/18	10/19	10/20	11/20	12/20	01/21	02/21	03/21	04/21	05/21	06/21	07/21	08/21	09/21	10/21
Euro area	112.8	110.9	106.9	107.9	95.6	100.8	98.5	109.1	102.9	100.6	103.5	105.3	85.8	107.4	110.4
EU	114.1	112.7	109.3	110.2	98.2	102.7	100.9	112.3	105.3	103.5	106.4	106.1	89.4	109.7	113.2
Belgium	112.5	118.3	124.5	117.0	111.3	118.1	114.7	131.6	124.6	126.4	148.9	124.4	120.8	136.3	138.0
Bulgaria	110.1	111.8	108.8	108.4	104.3	99.6	100.2	112.1	105.5	102.4	110.4	112.4	107.0	113.4	119.4
Czechia	120.7	120.4	122.0	123.4	105.3	108.9	107.8	122.8	115.7	113.1	117.1	102.6	98.0	110.9	116.0
Denmark	118.3	118.4	108.3	114.7	105.1	110.9	104.2	120.8	106.5	110.4	108.7	101.1	115.3	119.6	123.5
Germany	108.3	102.2	98.0	102.0	91.2	90.6	91.2	103.2	94.4	93.1	95.5	95.3	86.1	95.0	96.9
Estonia	120.9	123.9	125.4	121.6	113.7	113.3	111.2	122.4	120.0	123.1	122.4	109.4	114.9	127.3	128.9
Ireland*	133.2	148.0	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	105.5	104.6	101.1	107.5	110.0	106.4	108.9	115.6	119.0	113.7	117.3	128.5	111.1	122.2	118.5
Spain	112.3	110.4	108.9	106.6	95.2	100.2	101.3	108.5	102.3	106.6	105.0	107.1	81.4	104.6	107.7
France	110.4	110.4	105.6	101.9	98.7	103.7	96.5	107.2	98.1	93.1	101.9	97.0	76.4	99.4	105.2
Croatia	111.8	112.2	114.7	110.2	102.8	97.2	105.8	118.8	110.5	111.8	109.8	115.0	96.3	110.8	117.7
Italy	116.1	113.5	111.4	104.9	88.2	98.6	104.4	113.1	103.1	109.8	108.6	115.8	69.8	110.5	113.6
Cyprus	130.3	135.1	131.5	126.4	127.9	120.6	120.0	125.4	121.7	130.7	136.5	151.9	116.1	132.7	:
Latvia	124.3	128.2	127.1	125.5	123.6	94.1	102.9	116.8	122.8	123.9	131.5	127.8	129.9	130.0	130.2
Lithuania	127.3	125.2	126.6	126.3	120.4	124.5	122.3	139.3	128.4	137.4	137.6	132.7	135.6	146.2	155.3
Luxembourg	110.3	102.8	100.3	96.8	84.1	93.4	91.8	104.3	98.4	95.8	97.6	92.9	83.7	97.9	101.6
Hungary	117.6	125.0	127.3	125.1	104.7	110.3	120.8	130.1	115.6	121.9	124.7	115.4	104.1	123.6	123.8
Malta	109.6	110.8	114.1	105.8	90.0	101.5	94.1	101.3	109.6	107.6	113.6	115.3	96.9	104.1	108.7
Netherlands	107.4	107.9	105.2	104.5	99.6	101.2	95.5	109.2	100.2	102.3	107.2	102.9	94.0	106.6	108.4
Austria	121.4	116.5	118.8	119.3	111.0	101.1	108.3	127.9	116.2	114.5	121.2	121.0	106.3	124.1	125.8
Poland	126.8	131.4	135.7	133.0	123.0	125.0	126.0	144.5	132.7	134.0	136.7	132.3	126.5	140.5	149.6
Portugal	107.6	105.5	106.8	102.5	92.6	102.1	102.1	105.8	101.2	101.5	98.2	104.3	82.4	100.6	99.9
Romania	121.9	117.6	118.5	116.6	106.1	107.7	106.9	119.5	115.1	112.4	113.7	110.3	100.5	108.7	110.7
Slovenia	130.3	133.6	132.4	128.2	109.1	120.1	124.1	139.1	128.6	133.0	136.7	131.1	109.9	136.6	140.5
Slovakia	126.8	122.1	119.0	122.4	101.8	109.4	114.7	126.3	114.0	110.8	118.7	103.8	101.3	109.0	118.3
Finland	117.0	118.7	115.7	115.7	118.8	104.4	105.8	118.8	111.8	112.5	112.6	100.0	110.2	118.5	122.1
Sweden	118.8	117.8	117.1	118.4	114.4	109.3	112.2	128.9	116.6	113.9	120.6	90.8	96.5	116.2	122.4
Norway	108.9	102.7	102.7	105.0	105.7	112.3	102.1	108.0	99.9	101.0	97.7	92.6	102.7	103.4	109.7
Switzerland	124.8	129.4	121.5	122.0	114.8	116.5	110.7	138.0	118.7	120.0	133.3	121.3	106.8	126.5	:

* September 2021 data for Ireland

: Data not available

Source dataset: [sts_inpr_m](#)