



8/2021 - 13 January 2021

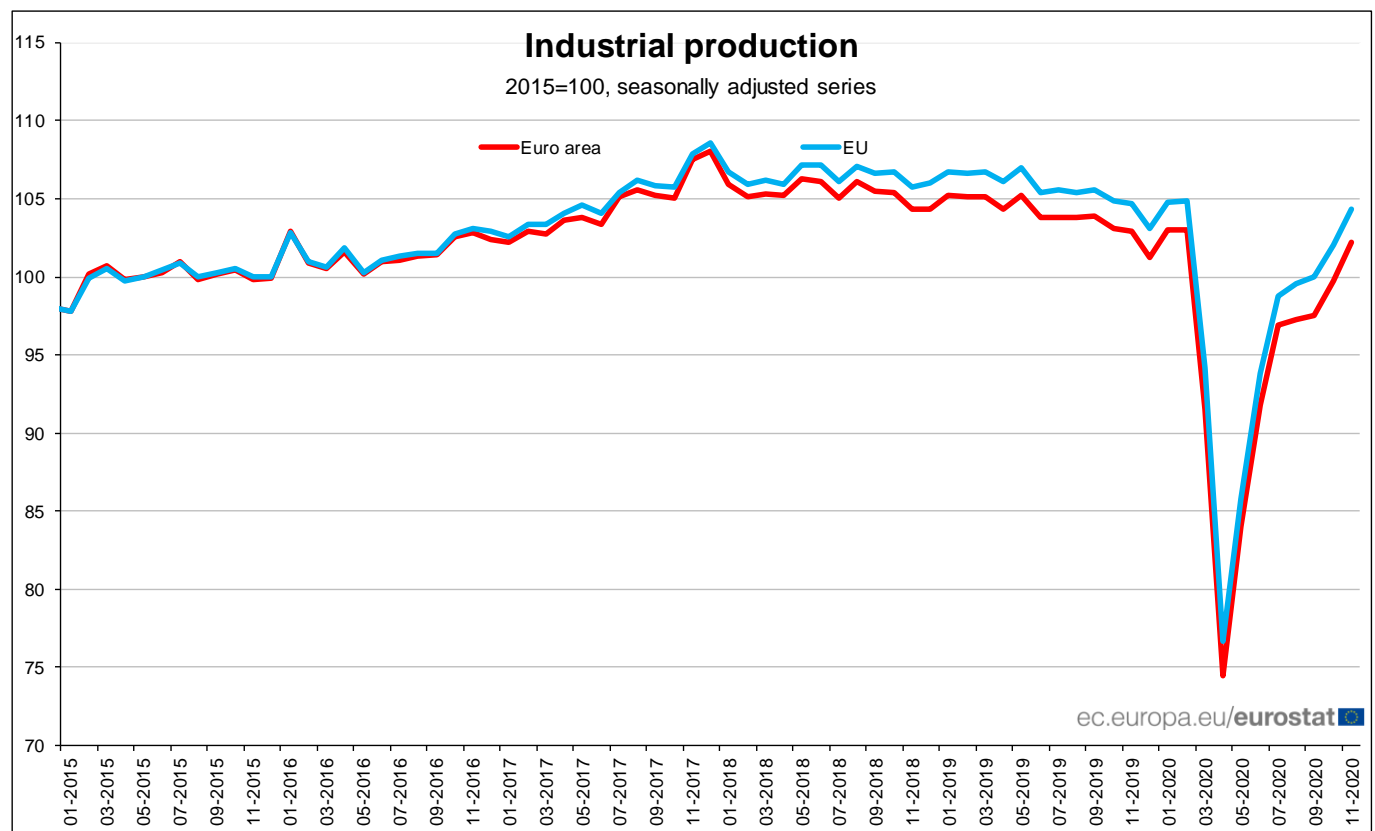
November 2020 compared with October 2020

Industrial production up by 2.5% in euro area and 2.3% in EU

Down by 0.6% and 0.4% compared with November 2019

In November 2020, the seasonally adjusted industrial production rose by 2.5% in the **euro area** and by 2.3% in the **EU**, compared with October 2020, according to estimates from **Eurostat, the statistical office of the European Union**. In October 2020, industrial production grew by 2.3% in the **euro area** and by 2.0% in the **EU**.

In November 2020 compared with November 2019, industrial production decreased by 0.6% in the **euro area** and by 0.4% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in November 2020, compared with October 2020, production of capital goods rose by 7.0% and intermediate goods by 1.5%, while production of durable consumer goods fell by 1.2%, non-durable consumer goods by 1.7% and energy by 3.9%.

In the **EU**, production of capital goods rose by 6.1% and intermediate goods by 1.4%, while production of durable consumer goods and non-durable consumer goods fell by 1.1% and energy by 2.9%.

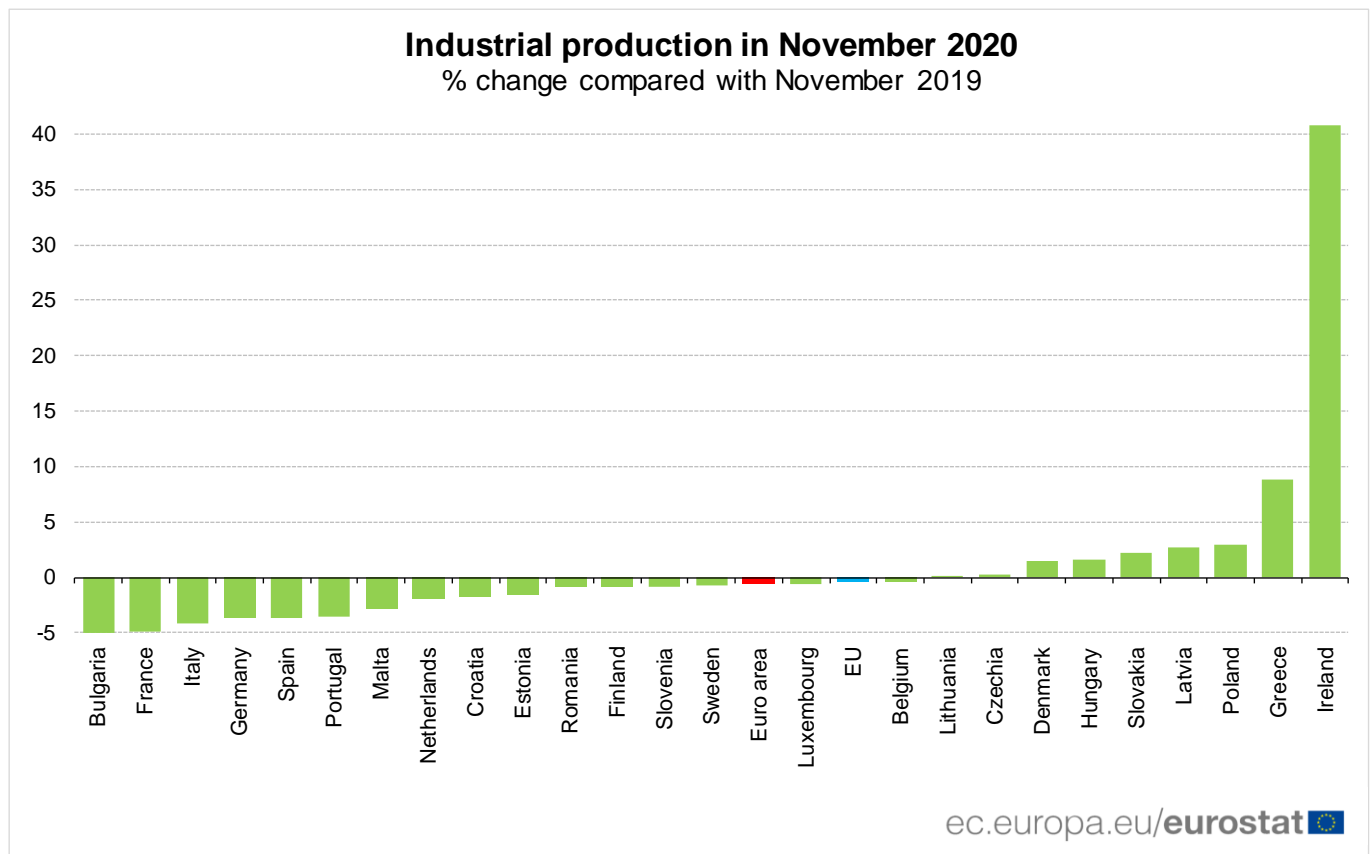
Among Member States, for which data are available, the highest increases were registered in **Ireland** (+52.8%), **Greece** (+6.3%) and **Denmark** (+5.3%). The largest decreases were observed in **Portugal** (-5.1%), **Belgium** (-3.5%) and **Croatia** (-2.6%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in November 2020, compared with November 2019, production of energy fell by 5.0%, non-durable consumer goods by 2.5% and durable consumer goods by 0.4%, while production of intermediate goods rose by 1.1% and capital goods by 0.1%.

In the **EU**, production of energy fell by 5.3% and non-durable consumer goods by 2.6%, while production of intermediate goods rose by 1.7%, durable consumer goods by 1.4% and capital goods by 0.4%.

Among Member States, for which data are available, the largest decreases in industrial production were registered in **Bulgaria** (-5.0%), **France** (-4.9%) and **Italy** (-4.2%). The highest increases were observed in **Ireland** (+40.8%), **Greece** (+8.8%) and **Poland** (+2.9%).



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. Eurostat carries out the seasonal adjustment of the data for those countries that do not adjust their data for seasonal effects.

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 179/2020 of 14 December 2020, the monthly percentage change for October 2020 has been revised from +2.1% to +2.3% in the euro area and from +1.9% to +2.0% in the EU. The annual percentage change has been revised from -3.8% to -3.5% in the euro area and from -3.1% to -2.9% 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*

	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
Euro area						
Total industry	9.3	5.6	0.4	0.2	2.3	2.5
Intermediate goods	7.2	5.1	3.3	0.7	2.3	1.5
Energy	2.8	1.6	1.3	0.3	2.1	-3.9
Capital goods	14.5	6.8	-1.4	0.9	2.9	7.0
Durable consumer goods	22.0	5.8	6.5	-3.3	1.5	-1.2
Non-durable consumer goods	5.2	4.5	-1.4	2.2	0.3	-1.7
EU						
Total industry	9.3	5.3	0.8	0.4	2.0	2.3
Intermediate goods	7.1	4.7	3.2	0.9	2.3	1.4
Energy	1.9	2.1	0.6	0.2	1.6	-2.9
Capital goods	15.4	7.1	-0.8	1.4	2.9	6.1
Durable consumer goods	22.7	6.1	5.5	-2.3	1.3	-1.1
Non-durable consumer goods	5.6	3.3	-0.4	1.5	-0.3	-1.1

Source dataset: [sts_inpr_m](#)

Total industry	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
Euro area	9.3	5.6	0.4	0.2	2.3	2.5
EU	9.3	5.3	0.8	0.4	2.0	2.3
Belgium	-2.1	4.4	-0.6	1.1	6.7	-3.5
Bulgaria	6.1	2.1	0.9	2.5	0.4	-1.5
Czechia	15.6	6.3	-0.7	3.5	2.7	-1.8
Denmark	4.4	-4.0	3.0	2.2	-5.2	5.3
Germany	10.8	2.8	0.2	2.3	3.7	0.8
Estonia	8.5	2.4	-2.4	1.5	2.6	-1.5
Ireland	9.1	17.7	-17.0	-4.0	-0.6	52.8p
Greece	3.2	3.4	-1.3	1.9	-2.8	6.3
Spain	13.8	10.2	0.5	0.8	0.6	-0.6
France	12.9	3.8	1.1	1.7	1.8	-0.9
Croatia	8.8	2.6	-1.0	1.4	1.7	-2.6
Italy	8.3	7.6	7.0	-5.0	1.4	-1.4
Cyprus	3.4	2.9	0.4	2.5	0.6	:
Latvia	7.5	-0.5	-0.4	0.6	0.0	1.5
Lithuania	2.0	2.5	1.7	0.2	-1.0	1.3
Luxembourg	8.8	5.6	0.9	2.4	0.6	1.3**
Hungary	17.9	6.7	6.3	2.2	2.8	-1.2
Malta	0.0	4.3	2.4	-0.9	1.1	-2.1
Netherlands	0.5	3.2	0.2	0.1	2.5	-0.3
Austria	7.0	6.6	0.2	2.5	1.5	:
Poland	10.1	5.9	0.5	3.0	1.5	1.3
Portugal	11.2	13.5	9.8	-3.5	1.2	-5.1
Romania	16.3	5.3	5.3	1.5	1.8	-0.6
Slovenia	4.9	7.5	1.9	0.2	2.7	0.2
Slovakia	27.9	4.7	2.8	2.2	-1.1	3.1
Finland	-0.6	0.6	1.9	-2.0	1.6	0.6
Sweden	6.4	3.8	6.1	-1.5	0.9	1.1
Norway	-1.9	2.6	1.1	-1.4	-3.6	1.7
Switzerland	5.7	1.7	0.4	3.3	:	:

* Calendar and seasonally adjusted

** Calculated by Eurostat on the basis of calendar adjusted national data

: Data not available

p Provisional possibly due to seasonal adjustment

Source dataset: [sts_inpr_m](#)

Industrial production

% change compared with same month of the previous year*

	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
Euro area						
Total industry	-11.8	-6.9	-6.7	-6.3	-3.5	-0.6
Intermediate goods	-12.6	-8.7	-5.0	-3.4	-0.9	1.1
Energy	-7.3	-5.6	-4.4	-2.7	0.2	-5.0
Capital goods	-15.4	-9.2	-12.5	-13.0	-8.0	0.1
Durable consumer goods	-8.6	-3.0	4.6	0.5	0.3	-0.4
Non-durable consumer goods	-6.9	-1.1	-2.8	-1.4	-1.8	-2.5
EU						
Total industry	-11.2	-6.6	-5.8	-5.5	-2.9	-0.4
Intermediate goods	-11.3	-7.9	-4.3	-2.6	-0.3	1.7
Energy	-8.8	-6.0	-4.6	-3.3	-1.3	-5.3
Capital goods	-15.5	-9.0	-11.6	-11.6	-6.8	0.4
Durable consumer goods	-6.5	-0.8	5.9	2.4	2.4	1.4
Non-durable consumer goods	-5.6	-1.7	-1.8	-1.5	-2.2	-2.6

Source dataset: [sts_inpr_m](#)

Total industry	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
Euro area	-11.8	-6.9	-6.7	-6.3	-3.5	-0.6
EU	-11.2	-6.6	-5.8	-5.5	-2.9	-0.4
Belgium	-11.0	0.3	-6.4	-4.2	5.7	-0.4
Bulgaria	-7.7	-6.1	-5.9	-2.8	-3.1	-5.0
Czechia	-10.5	-4.3	-4.8	-1.9	1.3	0.3
Denmark	-5.2	-12.8	-5.9	-4.4	-8.2	1.5
Germany	-13.5	-10.9	-10.4	-8.1	-3.8	-3.7
Estonia	-4.7	-0.2	-5.7	-2.2	1.5	-1.6
Ireland	3.9	16.2	-6.0	-13.7	-15.5	40.8p
Greece	-4.7	-0.2	-4.1	-2.2	-3.6	8.8
Spain	-14.6	-6.7	-6.2	-3.0	-1.4	-3.7
France	-11.6	-8.0	-7.3	-6.0	-4.0	-4.9
Croatia	-1.7	-1.6	-1.2	-1.1	2.2	-1.7
Italy	-13.9	-8.3	-0.3	-4.9	-1.9	-4.2
Cyprus	-10.7	-5.3	-7.0	-3.6	-3.3	:
Latvia	-0.3	0.4	-3.0	-2.8	-1.1	2.7
Lithuania	-3.3	-1.9	2.2	-0.5	2.6	0.1
Luxembourg	-13.1	-7.3	-11.3	-6.3	-3.2	-0.6**
Hungary	-11.7	-7.5	0.0	-1.0	2.7	1.6
Malta	-6.9	-1.8	-2.7	-1.2	0.5	-2.8
Netherlands	-8.5	-4.7	-4.4	-6.2	-2.8	-1.9
Austria	-10.8	-4.4	-3.2	-2.0	0.9	:
Poland	-4.4	0.9	1.4	3.1	3.3	2.9
Portugal	-14.6	-8.2	2.5	2.3	0.4	-3.6
Romania	-13.4	-7.4	-2.9	-2.8	0.8	-0.9
Slovenia	-11.5	-5.2	-2.0	-3.3	-1.3	-0.8
Slovakia	-8.5	-3.6	-0.8	-0.2	-2.5	2.2
Finland	-6.8	-6.3	-2.9	-5.9	-2.3	-0.9
Sweden	-10.3	-7.2	-0.9	-2.1	-0.7	-0.7
Norway	3.0	7.4	8.3	6.2	0.0	-0.7
Switzerland	-8.7	-6.7	-5.7	-3.8	:	:

* Calendar adjusted

** Estimated by Member State

p provisional

: Data not available

Source dataset: [sts_inpr_m](#)

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

	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20	10/20	11/20
Euro area	102.9	101.2	103.0	103.0	91.5	74.5	84.0	91.8	96.9	97.3	97.5	99.7	102.2
EU	104.7	103.1	104.8	104.9	94.2	76.7	85.8	93.8	98.8	99.6	100.0	102.0	104.3
Belgium	114.3	117.1	112.5	113.5	107.4	95.3	107.7	105.4	110.0	109.3	110.5	117.9	113.8
Bulgaria	107.3	105.5	107.8	108.7	103.2	91.2	92.4	98.0	100.1	101.0	103.5	103.9	102.3
Czechia	111.8	110.8	111.8	112.1	99.9	75.4	87.8	101.5	107.9	107.1	110.9	113.9	111.9
Denmark	104.0	111.6	107.5	108.9	108.5	102.9	100.8	105.2	101.0	104.0	106.3	100.8	106.1
Germany	99.5	97.9	100.0	100.4	89.7	71.8	78.5	87.0	89.4	89.6	91.7	95.1	95.9
Estonia	110.1	109.3	107.4	117.7	106.3	97.4	97.4	105.7	108.2	105.6	107.2	110.0	108.4
Ireland	95.6	89.7	93.8	94.3	122.1	97.1	87.1	95.0	111.8	92.8	89.1	88.6	135.4p
Greece	101.7	106.1	110.9	106.5	108.1	98.4	99.7	102.9	106.4	105.0	107.0	104.0	110.5
Spain	105.2	104.3	104.0	103.5	90.0	70.0	80.2	91.3	100.6	101.1	101.9	102.5	101.9
France	103.5	100.9	101.8	102.9	85.3	67.4	81.1	91.6	95.1	96.1	97.7	99.5	98.6
Croatia	106.1	103.3	105.0	105.2	103.7	95.6	94.0	102.3	105.0	104.0	105.5	107.3	104.5
Italy	104.3	101.4	104.7	103.4	74.5	59.6	84.3	91.3	98.2	105.1	99.8	101.2	99.8
Cyprus	131.2	131.5	133.1	134.7	116.4	83.5	114.6	118.5	121.9	122.4	125.5	126.3	:
Latvia	115.9	115.6	113.4	116.8	112.1	103.8	109.3	117.5	116.9	116.4	117.1	117.1	118.8
Lithuania	121.5	119.2	115.9	114.4	116.4	105.5	113.7	116.0	118.9	120.9	121.2	120.0	121.5
Luxembourg	95.7	92.5	96.9	97.6	78.9	69.3	78.6	85.5	90.3	91.1	93.3	93.9	95.1*
Hungary	116.8	112.4	117.7	117.8	105.3	72.7	85.6	100.9	107.7	114.5	117.0	120.3	118.8
Malta	105.1	109.1	111.0	110.4	103.1	96.3	97.6	97.6	101.8	104.2	103.3	104.4	102.2
Netherlands	101.7	100.1	102.8	101.8	100.8	94.0	93.5	94.0	97.0	97.2	97.3	99.7	99.4
Austria	110.3	110.0	114.6	112.1	104.5	87.7	94.7	101.3	108.0	108.2	110.9	112.6	:
Poland	124.0	120.3	123.9	125.3	116.0	91.5	103.4	113.8	120.5	121.1	124.7	126.6	128.2
Portugal	103.2	106.5	107.1	104.1	95.2	75.2	77.4	86.1	97.7	107.3	103.5	104.7	99.4
Romania	111.2	111.0	113.8	115.4	101.1	72.9	84.3	98.0	103.2	108.7	110.3	112.3	111.6
Slovenia	125.1	123.2	123.6	128.1	114.9	95.6	104.9	110.0	118.2	120.5	120.7	124.0	124.3
Slovakia	111.6	110.1	115.2	114.3	91.5	66.3	79.6	101.8	106.6	109.6	112.0	110.8	114.2
Finland	112.3	112.6	110.6	111.1	113.4	110.6	108.5	107.8	108.4	110.5	108.3	110.0	110.7
Sweden	112.7	111.2	112.0	112.3	111.8	93.7	95.0	101.1	104.9	111.3	109.6	110.6	111.8
Norway	99.7	100.9	98.3	101.0	102.4	101.6	100.5	98.6	101.2	102.3	100.9	97.3	99.0
Switzerland	116.9	111.7	117.9	115.6	112.7	108.0	101.8	107.6	109.4	109.8	113.4	:	:

* Calculated by Eurostat on the basis of calendar adjusted national data

: Data not available

p Provisional possibly due to seasonal adjustment

Source dataset: [sts_inpr_m](#)

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

	11/17	11/18	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20	10/20	11/20
Euro area	113.5	110.0	108.6	95.6	100.2	99.9	97.2	73.9	83.4	93.5	97.9	82.0	102.2	107.0	107.9
EU	114.0	111.6	110.5	97.7	102.0	101.9	100.2	76.0	85.3	95.6	98.2	85.2	104.6	109.4	110.1
Belgium	109.5	113.6	116.5	115.9	110.2	110.8	115.1	92.1	105.5	110.5	102.1	101.7	115.4	125.0	116.0
Bulgaria	113.0	114.3	114.0	107.9	103.1	105.2	104.9	86.7	87.8	100.0	103.5	96.7	103.3	108.7	108.3
Czechia	121.9	124.2	120.5	102.7	108.1	109.6	107.1	74.4	89.4	104.6	97.0	98.6	114.6	122.1	120.9
Denmark	115.3	118.7	112.7	109.4	108.4	105.6	114.2	98.9	99.3	104.7	87.0	100.8	113.3	108.7	114.4
Germany	114.8	109.6	105.8	92.1	93.2	97.0	97.1	71.0	77.2	88.8	89.5	84.1	95.9	98.3	101.9
Estonia	112.0	121.7	115.1	105.0	102.5	110.9	112.5	96.8	101.1	105.9	98.2	104.1	111.0	118.3	113.3
Ireland	121.9	105.8	107.7	75.1	113.3	72.7	100.8	103.4	74.9	80.0	111.7	75.4	111.2	125.1	151.6p
Greece	103.8	109.4	98.5	105.8	102.6	104.0	109.2	96.4	99.2	107.3	118.7	100.7	110.8	100.8	107.2
Spain	112.4	108.6	110.8	96.0	102.4	103.7	95.7	67.9	84.5	94.3	103.8	80.0	104.1	108.9	106.7
France	108.7	106.7	107.2	101.7	103.1	102.4	93.9	67.7	77.3	95.5	93.8	73.3	99.2	106.0	101.9
Croatia	113.5	112.6	112.1	102.6	95.4	100.9	108.1	94.2	96.5	101.5	110.6	91.4	107.8	114.7	110.2
Italy	112.7	109.7	109.3	89.4	100.7	105.3	81.9	57.8	90.5	95.3	107.8	69.9	105.3	111.3	104.7
Cyprus	117.2	124.3	127.0	130.1	124.5	125.7	114.8	78.7	115.5	128.1	142.5	109.5	135.4	130.6	:
Latvia	122.2	121.8	121.8	118.1	91.1	100.9	111.6	101.7	112.1	122.2	117.3	124.6	122.8	126.8	125.1
Lithuania	120.0	124.1	127.1	119.2	111.5	110.1	122.4	102.6	110.4	114.9	115.2	119.0	122.1	127.8	127.2
Luxembourg	109.5	105.7	97.9	86.4	93.4	94.8	88.9	69.4	79.8	87.6	91.2	79.3	95.8	99.4	97.3*
Hungary	112.9	116.7	123.0	102.1	113.3	116.0	112.2	72.6	87.0	105.3	104.2	103.5	125.6	128.4	125.0
Malta	100.1	111.3	107.6	94.5	109.0	107.3	105.3	92.6	98.2	98.9	106.8	101.9	109.5	111.5	104.6
Netherlands	109.5	108.9	107.0	100.4	101.8	98.4	106.5	91.9	93.5	94.8	93.3	89.1	98.8	104.9	105.0
Austria	119.3	123.5	117.9	111.2	103.3	106.5	114.1	86.0	92.0	104.1	108.4	96.0	116.4	118.0	:
Poland	116.0	122.1	128.9	115.7	118.3	121.0	124.2	91.3	102.8	115.2	117.6	114.2	128.9	135.3	132.7
Portugal	108.9	105.6	105.7	96.8	108.4	103.4	98.8	74.0	81.0	89.1	103.7	89.3	105.4	105.9	101.9
Romania	121.7	126.5	117.2	105.9	109.5	111.9	107.5	69.8	86.8	100.9	104.5	99.2	112.9	118.5	116.2
Slovenia	124.3	127.3	129.2	110.6	118.9	125.4	125.6	95.3	109.0	113.9	120.7	102.1	125.7	131.8	128.2
Slovakia	121.3	124.6	119.7	95.6	113.8	113.7	101.5	67.4	81.0	104.4	96.4	100.6	114.5	119.0	122.3
Finland	114.3	115.5	117.4	121.8	104.7	102.3	122.5	110.4	105.5	108.5	96.4	106.3	111.0	116.2	116.3
Sweden	116.8	118.3	121.4	112.5	110.1	111.7	123.4	96.2	96.4	105.9	83.7	95.3	112.0	117.6	120.5
Norway	103.9	106.7	105.7	102.9	106.1	100.4	107.3	99.0	98.9	93.6	91.4	100.0	95.8	102.7	105.0
Switzerland	119.2	126.9	129.5	113.6	110.7	109.4	121.2	103.0	103.3	110.8	103.8	93.4	114.9	:	:

* Estimated by Member State

: Data not available

p provisional

Source dataset: [sts_inpr_m](#)