

151/2020 - 14 October 2020

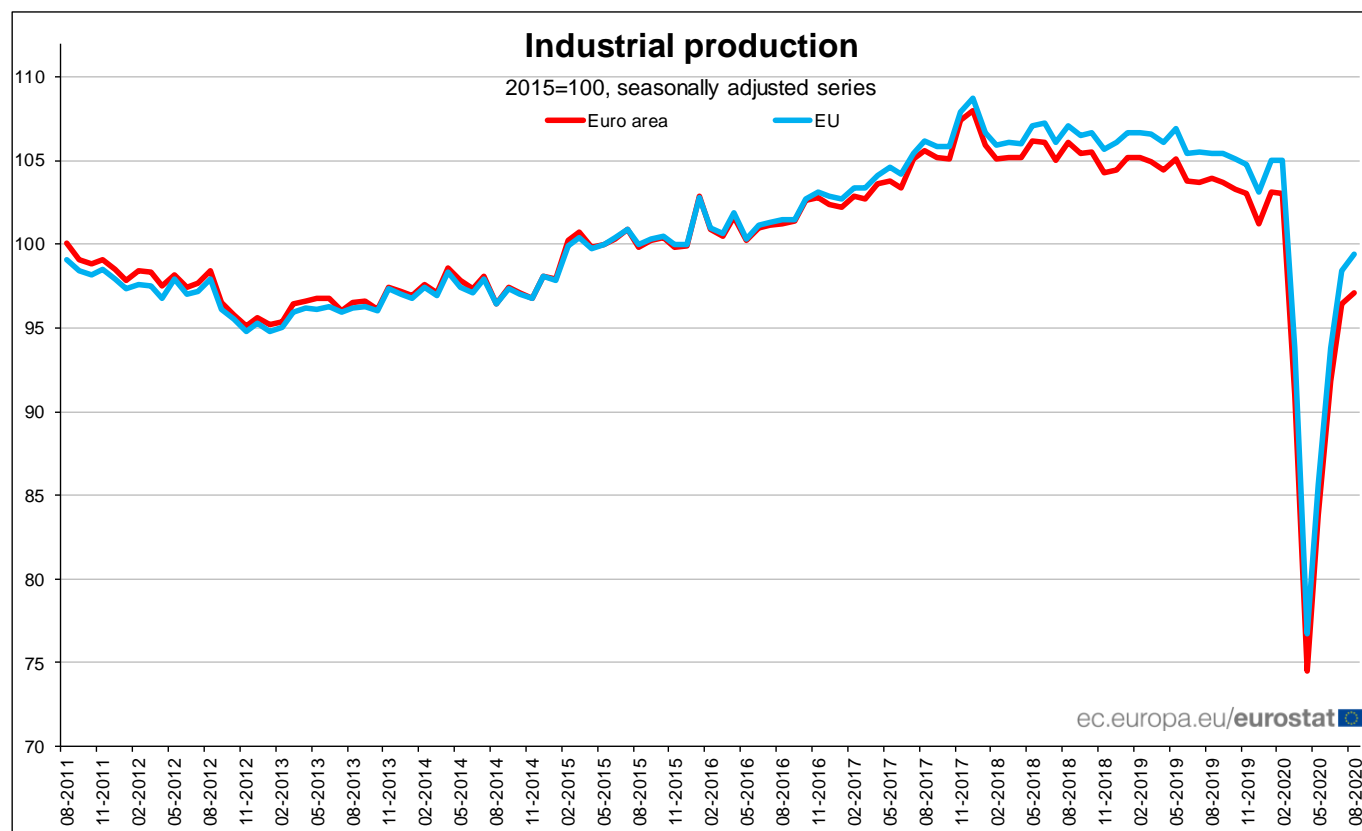
August 2020 compared with July 2020

Industrial production up by 0.7% in euro area and 1.0% in EU

Down by 7.2% and 6.2% compared with August 2019

In August 2020, a month marked by some relaxation of COVID-19 containment measures in many Member States, the seasonally adjusted industrial production rose by 0.7% in the **euro area** and by 1.0% in the **EU**, compared with July 2020, according to estimates from **Eurostat, the statistical office of the European Union**. In July 2020, industrial production rose by 5.0% in the **euro area** and by 4.9% in the **EU**.

In August 2020 compared with August 2019, industrial production decreased by 7.2% in the **euro area** and by 6.2% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in August 2020, compared with July 2020, production of durable consumer goods rose by 6.8%, intermediate goods by 3.1% and energy by 2.3%, while production of both capital goods and non-durable consumer goods fell by 1.6%.

In the **EU**, production of durable consumer goods rose by 5.7%, intermediate goods by 2.9% and energy by 1.6%, while production of non-durable consumer goods fell by 0.6% and capital goods by 1.1%.

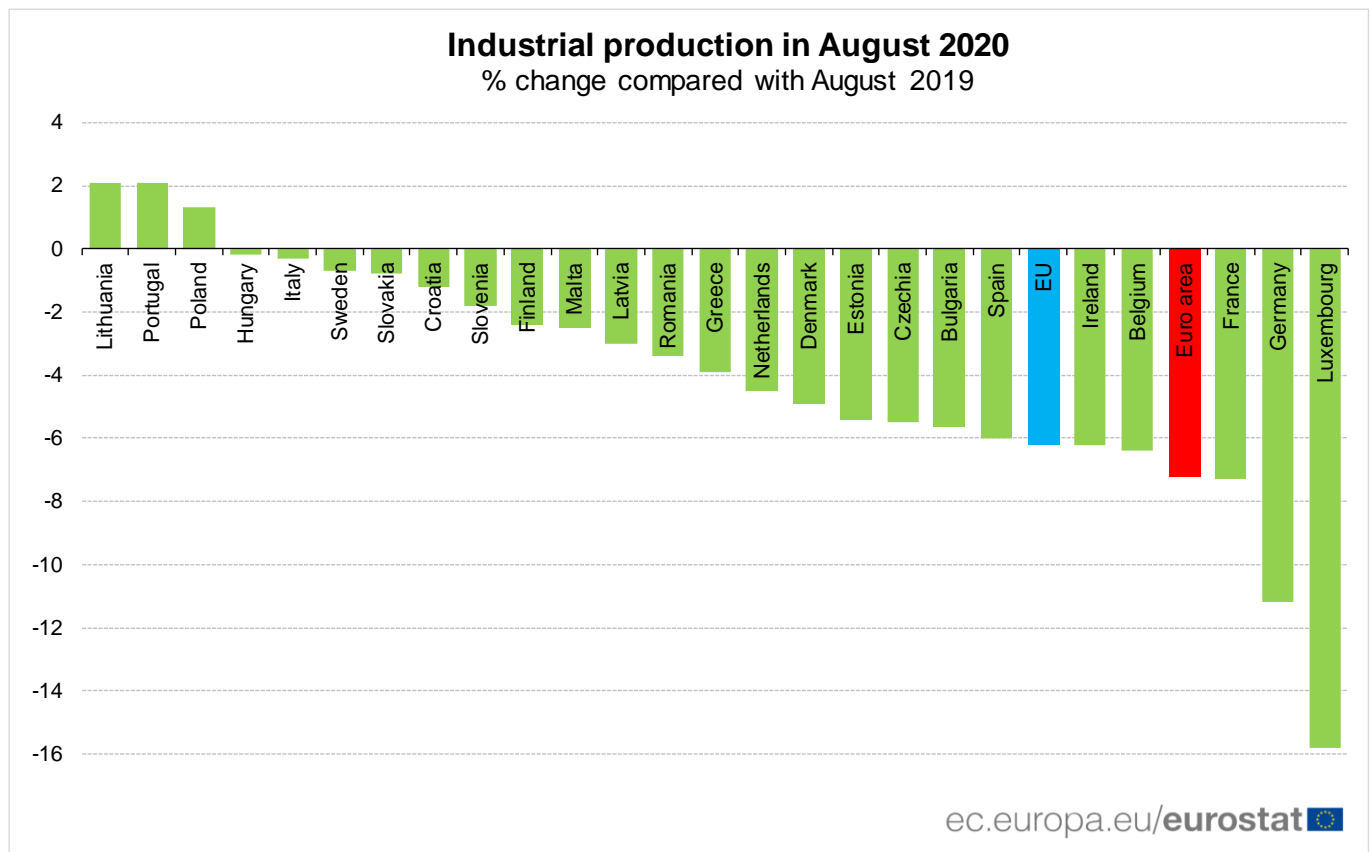
Among Member States for which data are available, the highest increases in industrial production were registered in **Portugal** (+10.0%), **Italy** (+7.7%), **Hungary** and **Sweden** (both +6.7%). The largest decreases were observed in **Ireland** (-13.4%), **Estonia** (-2.1%) and **Luxembourg** (-1.2%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in August 2020, compared with August 2019, production of capital goods fell by 13.2%, intermediate goods by 5.4%, non-durable consumer goods by 3.9% and energy by 3.6%, while production of durable consumer goods rose by 4.3%.

In the **EU**, production of capital goods fell by 12.3%, intermediate goods by 4.6%, energy by 4.0% and non-durable consumer goods by 3.0%, while production of durable consumer goods rose by 5.5%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Luxembourg** (-15.8%), **Germany** (-11.2%) and **France** (-7.3%). The only increases were observed in **Portugal** and **Lithuania** (both +2.1%) as well as in **Poland** (+1.3%).



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.

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 134/2020 of 14 September 2020, the monthly percentage change for July 2020 has been revised from +4.1% to +5.0% in the euro area and from +4.1% to +4.9% in the EU. The annual percentage change has been revised from -7.7% to -7.1% in the euro area and from -7.3% to -6.9% 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*

	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Euro area						
Total industry	-11.7	-18.1	12.5	9.5	5.0	0.7
Intermediate goods	-11.4	-16.8	9.9	7.0	5.0	3.1
Energy	-3.3	-5.8	2.9	2.9	1.5	2.3
Capital goods	-17.8	-26.1	25.6	14.5	6.5	-1.6
Durable consumer goods	-27.6	-32.1	53.0	21.5	5.9	6.8
Non-durable consumer goods	-2.5	-12.6	3.4	5.1	4.2	-1.6
EU						
Total industry	-10.7	-18.2	11.6	9.6	4.9	1.0
Intermediate goods	-10.3	-16.2	8.8	7.0	4.5	2.9
Energy	-3.0	-5.8	2.8	2.0	2.0	1.6
Capital goods	-17.1	-28.0	25.7	15.2	7.0	-1.1
Durable consumer goods	-25.4	-31.2	47.4	22.3	6.1	5.7
Non-durable consumer goods	-2.1	-11.7	2.5	5.7	2.8	-0.6

Source dataset: [sts_inpr_m](#)

Total industry	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Euro area	-11.7	-18.1	12.5	9.5	5.0	0.7
EU	-10.7	-18.2	11.6	9.6	4.9	1.0
Belgium	-5.5	-11.3	12.8	-2.2	3.3	0.2
Bulgaria	-5.1	-11.6	1.3	6.1	2.1	0.7
Czechia	-10.7	-24.7	16.8	15.4	5.6	-0.9
Denmark	-0.5	-5.0	-2.2	4.4	-4.3	4.5
Germany	-10.7	-20.3	9.2	10.9	2.8	-0.2
Estonia	-9.7	-8.4	-0.1	8.5	2.5	-2.1
Ireland	18.1	-13.0	-12.9	13.4	12.1	-13.4
Greece	1.4	-8.8	1.3	3.0	3.5	-1.1
Spain	-13.0	-22.4	14.3	14.3	9.9	0.0
France	-17.1	-21.0	20.3	12.8	3.9	1.3
Croatia	-1.4	-7.7	-1.8	8.6	2.9	-1.1
Italy	-27.8	-20.1	41.7	8.2	7.0	7.7
Cyprus	-13.7	-28.4	37.1	3.2	2.7	:
Latvia	-4.1	-7.5	5.1	7.3	-0.8	-0.4
Lithuania	1.7	-9.4	7.8	2.0	2.5	2.3
Luxembourg	-18.7	-12.8	13.0	8.3	5.5	-1.2**
Hungary	-11.2	-30.6	16.3	17.3	7.2	6.7
Malta	-5.4	-4.7	-1.0	2.7	3.2	1.4
Netherlands	-1.0	-6.7	-0.5	0.5	2.8	0.4
Austria	-6.0	-16.0	7.8	7.9	6.2	:
Poland	-7.4	-21.1	13.0	10.1	5.9	0.5
Portugal	-8.5	-21.0	2.9	11.2	12.7	10.0
Romania	-12.4	-27.9	15.6	16.3	5.3	3.9
Slovenia	-10.3	-17.0	9.9	5.0	8.0	1.9
Slovakia	-20.2	-27.8	21.4	21.8	6.9	4.5
Finland	2.2	-2.7	-1.8	-0.8	0.8	2.0
Sweden	-0.4	-16.2	1.4	6.4	3.5	6.7
United Kingdom	-4.6	-19.6	5.8	9.7	5.2	0.3
Norway	1.4	-0.8	-1.0	-2.0	2.5	1.1
Switzerland	-2.5	-3.5	-5.5	5.4	:	:

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

: Data not available

Source dataset: [sts_inpr_m](#)

Industrial production

% change compared with same month of the previous year*

	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Euro area						
Total industry	-13.4	-28.6	-20.4	-12.0	-7.1	-7.2
Intermediate goods	-12.5	-26.6	-19.4	-12.8	-8.8	-5.4
Energy	-6.3	-13.4	-10.5	-7.4	-5.7	-3.6
Capital goods	-22.5	-41.0	-28.0	-15.6	-9.4	-13.2
Durable consumer goods	-25.7	-50.2	-24.6	-8.5	-2.7	4.3
Non-durable consumer goods	-0.5	-14.2	-13.5	-7.4	-1.9	-3.9
EU						
Total industry	-12.1	-27.7	-20.1	-11.2	-6.9	-6.2
Intermediate goods	-10.8	-24.9	-18.5	-11.5	-8.1	-4.6
Energy	-6.1	-13.1	-11.0	-8.7	-6.1	-4.0
Capital goods	-21.2	-41.8	-28.9	-15.7	-9.2	-12.3
Durable consumer goods	-23.4	-48.1	-23.7	-6.4	-0.6	5.5
Non-durable consumer goods	-0.1	-13.0	-12.7	-6.0	-2.6	-3.0

Source dataset: [sts_inpr_m](#)

Total industry	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Euro area	-13.4	-28.6	-20.4	-12.0	-7.1	-7.2
EU	-12.1	-27.7	-20.1	-11.2	-6.9	-6.2
Belgium	-3.1	-19.3	-4.8	-11.0	-0.9	-6.4
Bulgaria	-6.8	-15.9	-16.1	-7.7	-6.1	-5.6
Czechia	-12.4	-35.2	-25.3	-10.5	-4.9	-5.5
Denmark	-4.0	-9.4	-15.4	-5.1	-12.9	-4.9
Germany	-13.5	-29.3	-23.2	-13.9	-11.5	-11.2
Estonia	-8.7	-16.9	-17.6	-4.8	-0.3	-5.4
Ireland	26.0	4.7	-13.7	3.9	16.2	-6.2
Greece	-0.1	-11.1	-8.6	-4.9	-0.2	-3.9
Spain	-14.4	-34.8	-25.2	-14.6	-6.7	-6.0
France	-17.3	-35.5	-23.8	-11.7	-8.1	-7.3
Croatia	-4.9	-11.0	-12.4	-1.7	-1.6	-1.2
Italy	-29.4	-43.3	-20.5	-13.9	-8.3	-0.3
Cyprus	-10.5	-36.0	-14.4	-10.7	-5.3	:
Latvia	-3.5	-9.2	-6.1	-0.3	0.1	-3.0
Lithuania	-1.4	-12.2	-5.6	-3.3	-1.9	2.1
Luxembourg	-19.9	-32.4	-22.5	-14.4	-8.8	-15.8**
Hungary	-10.0	-36.8	-27.8	-12.2	-7.7	-0.2
Malta	6.1	-7.9	-10.0	-3.9	-1.2	-2.5
Netherlands	-1.9	-8.1	-9.1	-8.5	-5.1	-4.5
Austria	-10.9	-23.1	-17.1	-10.6	-5.0	:
Poland	-4.9	-25.1	-15.3	-4.4	0.9	1.3
Portugal	-7.6	-29.5	-27.2	-14.6	-8.9	2.1
Romania	-13.6	-39.0	-27.4	-13.4	-7.4	-3.4
Slovenia	-8.1	-24.5	-16.2	-11.6	-4.9	-1.8
Slovakia	-19.6	-42.0	-33.4	-8.4	-3.6	-0.8
Finland	3.0	-4.0	-4.8	-7.1	-6.1	-2.4
Sweden	0.8	-15.5	-15.5	-10.3	-8.0	-0.7
United Kingdom	-8.5	-23.3	-20.3	-12.3	-6.5	-5.3
Norway	7.5	5.4	3.0	3.0	7.4	8.3
Switzerland	-2.5	-6.0	-11.3	-8.1	:	:

* 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)

	08/19	09/19	10/19	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20
Euro area	103.9	103.7	103.3	103.0	101.2	103.1	103.0	91.0	74.5	83.8	91.8	96.4	97.1
EU	105.4	105.4	105.1	104.8	103.1	105.0	105.0	93.8	76.7	85.6	93.8	98.4	99.4
Belgium	116.3	115.1	113.1	114.5	117.3	112.6	113.6	107.3	95.2	107.4	105.0	108.5	108.7
Bulgaria	106.8	107.2	108.3	107.3	105.5	107.8	108.7	103.2	91.2	92.4	98.0	100.1	100.8
Czechia	112.3	113.4	113.2	111.9	110.9	111.7	111.9	99.9	75.2	87.8	101.3	107.0	106.0
Denmark	109.8	112.5	109.6	104.0	111.6	107.5	108.9	108.4	103.0	100.7	105.1	100.6	105.1
Germany	100.4	99.6	98.7	99.5	97.9	100.0	100.4	89.7	71.5	78.1	86.6	89.0	88.8
Estonia	111.8	109.5	108.5	110.1	109.3	107.4	117.7	106.3	97.4	97.3	105.6	108.2	105.9
Ireland	99.9	100.3	103.8	96.9	91.0	95.5	96.6	114.1	99.3	86.5	98.1	110.0	95.3
Greece	109.0	109.7	107.0	102.2	106.1	110.9	106.5	108.0	98.5	99.8	102.8	106.4	105.2
Spain	106.5	105.8	105.2	105.5	104.5	104.1	103.5	90.0	69.8	79.8	91.2	100.2	100.2
France	102.9	103.5	103.7	103.4	100.8	101.8	102.9	85.3	67.4	81.1	91.5	95.1	96.3
Croatia	105.0	107.0	105.9	105.5	103.3	104.9	105.2	103.7	95.7	94.0	102.1	105.1	103.9
Italy	105.3	104.8	104.3	104.3	101.4	104.7	103.2	74.5	59.5	84.3	91.2	97.6	105.1
Cyprus	131.8	132.7	132.4	131.6	131.8	133.2	134.6	116.1	83.1	113.9	117.5	120.7	:
Latvia	119.3	120.4	117.8	116.4	115.9	113.7	117.0	112.2	103.8	109.1	117.1	116.2	115.7
Lithuania	117.8	120.5	117.6	121.5	119.2	115.9	114.4	116.4	105.5	113.7	116.0	118.9	121.6
Luxembourg	102.4	100.3	97.5	96.1	92.7	97.1	97.7	79.4	69.2	78.2	84.7	89.4	88.3*
Hungary	114.5	118.3	117.9	116.6	112.5	118.3	118.7	105.4	73.1	85.0	99.7	106.9	114.1
Malta	106.3	106.2	106.0	105.6	109.3	110.0	108.1	102.3	97.5	96.5	99.1	102.3	103.7
Netherlands	101.9	103.1	102.8	101.7	100.1	102.8	101.8	100.8	94.0	93.5	94.0	96.6	97.0
Austria	111.8	113.4	112.1	109.8	109.9	115.3	111.0	104.3	87.6	94.4	101.9	108.2	:
Poland	119.2	120.7	122.2	124.0	120.3	123.9	125.3	116.0	91.5	103.4	113.8	120.5	121.1
Portugal	103.5	100.8	104.3	103.2	106.5	107.1	104.1	95.2	75.2	77.4	86.1	97.0	106.7
Romania	112.9	113.5	111.3	111.2	111.0	113.8	115.4	101.1	72.9	84.3	98.0	103.2	107.2
Slovenia	123.5	124.0	125.7	124.7	123.1	123.8	128.3	115.1	95.5	105.0	110.2	119.0	121.3
Slovakia	110.0	111.3	111.6	112.3	110.6	116.0	115.4	92.1	66.5	80.7	98.3	105.1	109.8
Finland	113.9	113.7	113.0	113.0	112.7	110.7	111.1	113.5	110.4	108.4	107.5	108.4	110.6
Sweden	112.5	111.6	111.1	112.7	111.2	112.0	112.3	111.8	93.7	95.0	101.1	104.6	111.6
United Kingdom	101.7	102.1	102.5	101.5	101.1	100.9	101.3	96.6	77.7	82.2	90.2	94.9	95.2
Norway	94.1	93.2	97.3	99.8	100.9	98.3	101.0	102.4	101.6	100.6	98.6	101.1	102.2
Switzerland	116.1	118.1	117.4	116.9	111.7	117.9	115.6	112.7	108.8	102.8	108.4	:	:

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

: Data not available

Source dataset: sts_inpr_m

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

	08/17	08/18	08/19	09/19	10/19	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20
Euro area	89.4	90.0	87.9	109.1	111.0	108.6	95.6	100.2	99.9	97.2	73.7	83.3	93.3	97.5	81.6
EU	91.2	92.0	90.5	110.7	112.7	110.6	97.7	102.0	101.9	100.2	75.9	85.2	95.5	97.9	84.9
Belgium	101.8	103.9	108.6	120.5	118.3	116.5	115.9	110.2	110.8	115.1	92.1	105.5	110.5	100.9	101.6
Bulgaria	103.0	104.0	102.8	106.3	112.2	114.0	107.9	103.1	105.2	104.9	86.7	87.8	100.0	103.5	97.0
Czechia	103.6	105.7	103.6	116.8	120.5	120.5	102.7	108.1	109.6	107.1	74.4	89.4	104.6	96.4	97.9
Denmark	105.3	102.7	106.9	118.5	118.4	112.6	109.3	108.3	105.4	114.2	98.9	99.3	104.7	87.0	101.7
Germany	99.4	98.7	93.9	104.4	102.2	105.8	92.1	93.2	97.0	97.1	70.7	76.9	88.4	88.9	83.4
Estonia	103.2	110.3	110.4	113.5	116.6	115.1	105.0	102.5	110.9	112.6	96.8	101.1	105.8	98.1	104.4
Ireland	74.9	81.0	80.2	128.8	148.0	107.7	75.1	113.3	72.7	100.8	103.4	74.9	80.0	111.7	75.2
Greece	105.3	105.2	105.0	113.3	104.6	98.5	105.8	102.6	104.0	109.1	96.5	99.3	107.1	118.7	100.9
Spain	83.3	84.2	85.3	107.3	110.4	110.8	96.0	102.4	103.7	95.8	67.9	84.5	94.3	103.8	80.2
France	79.1	80.4	79.1	105.5	110.4	107.2	101.6	103.1	102.4	94.0	67.7	77.3	95.4	93.7	73.3
Croatia	95.1	94.1	92.5	109.0	112.2	112.1	102.6	95.4	100.8	108.1	94.2	96.5	101.5	110.6	91.4
Italy	72.0	71.2	70.1	110.7	113.4	109.3	89.4	100.7	105.3	81.9	57.8	90.6	95.3	107.8	69.9
Cyprus	105.2	110.9	117.8	140.5	135.1	127.0	130.1	124.5	125.7	114.8	78.7	115.5	128.1	142.5	:
Latvia	117.9	125.9	128.4	126.4	128.3	121.8	118.1	91.1	100.9	111.6	101.7	112.1	122.2	116.9	124.6
Lithuania	111.6	116.2	116.4	122.7	124.6	127.1	119.2	111.5	110.1	122.4	102.6	110.4	114.9	115.2	118.9
Luxembourg	92.0	90.2	89.6	102.6	103.2	98.4	86.5	93.9	95.1	89.5	69.5	79.4	86.8	90.2	75.4*
Hungary	96.2	100.4	103.5	126.8	125.1	123.1	102.0	113.4	116.2	112.1	72.6	86.9	104.8	104.0	103.3
Malta	100.2	98.5	104.6	110.8	110.9	107.6	94.5	109.0	107.3	105.3	92.4	95.2	102.1	107.4	102.0
Netherlands	93.1	94.1	93.2	105.3	107.9	107.0	100.4	101.8	98.4	106.5	91.9	93.5	94.8	92.9	89.0
Austria	98.7	100.8	99.6	119.1	117.6	118.0	111.6	103.3	106.1	114.2	85.9	91.8	104.2	107.4	:
Poland	106.5	111.8	112.6	125.0	131.0	128.9	115.7	118.3	121.0	124.2	91.3	102.8	115.2	117.6	114.1
Portugal	95.3	91.6	87.1	103.0	105.5	105.7	96.8	108.4	103.4	98.8	74.0	81.0	89.1	102.9	88.9
Romania	103.8	108.5	102.2	116.2	117.6	117.2	105.9	109.5	111.9	107.5	69.8	86.8	100.9	104.5	98.7
Slovenia	98.2	103.5	104.2	130.1	133.5	129.2	110.7	118.9	125.4	125.7	95.2	109.1	113.9	121.0	102.3
Slovakia	103.0	110.5	101.4	114.7	122.1	119.8	95.6	113.8	113.7	101.5	67.4	81.0	104.5	96.4	100.6
Finland	102.3	105.0	109.5	117.9	118.9	117.5	121.8	104.7	102.3	122.6	110.0	105.3	108.1	96.6	106.9
Sweden	91.4	92.0	96.2	114.4	118.4	121.4	112.5	110.1	111.7	123.4	96.2	96.4	105.9	83.0	95.5
United Kingdom	97.6	98.8	96.8	103.8	105.8	105.7	102.7	100.7	98.8	104.6	77.2	82.9	90.7	94.3	91.7
Norway	99.5	101.8	92.3	90.2	102.7	105.7	102.9	106.1	100.4	107.3	99.0	98.9	93.6	91.4	100.0
Switzerland	93.1	93.7	99.0	119.5	130.4	129.5	113.6	110.7	109.4	121.2	103.6	104.2	111.6	:	:

* Estimated by Member State

: Data not available

Source dataset: [sts_inpr_m](#)