

179/2020 - 14 December 2020

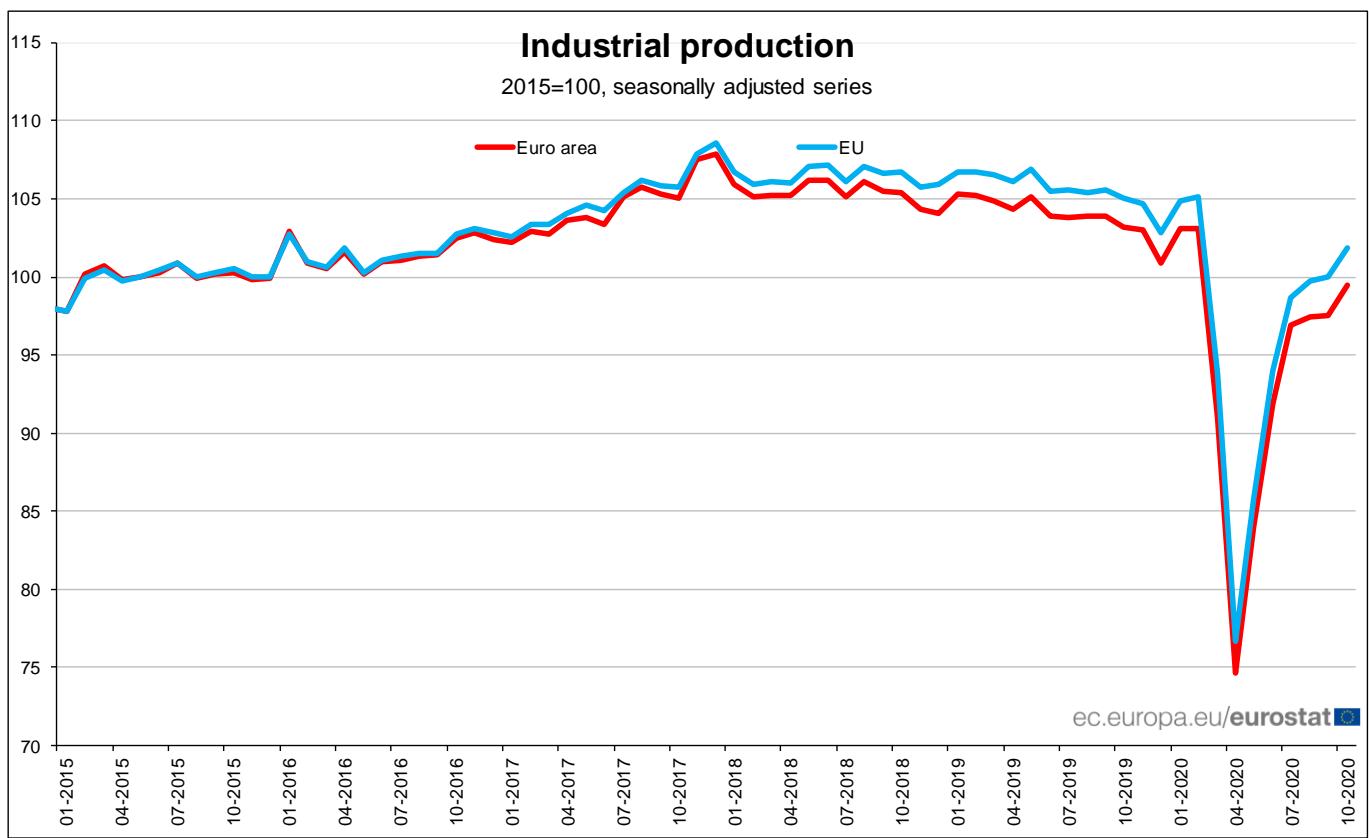
October 2020 compared with September 2020

Industrial production up by 2.1% in euro area and 1.9% in EU

Down by 3.8% and 3.1% compared with October 2019

In October 2020, the seasonally adjusted industrial production rose by 2.1% in the **euro area** and by 1.9% in the **EU**, compared with September 2020, according to estimates from **Eurostat, the statistical office of the European Union**. In September 2020, industrial production grew by 0.1% in the **euro area** and by 0.3% in the **EU**.

In October 2020 compared with October 2019, industrial production decreased by 3.8% in the **euro area** and by 3.1% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in October 2020, compared with September 2020, production of capital goods rose by 2.6%, intermediate goods by 2.1%, energy by 1.8% and durable consumer goods by 1.5%, while production of non-durable consumer goods remained unchanged.

In the **EU**, production of capital goods rose by 2.6%, intermediate goods by 2.1%, durable consumer goods by 1.3% and energy by 1.2%, while production of non-durable consumer goods fell by 0.4%.

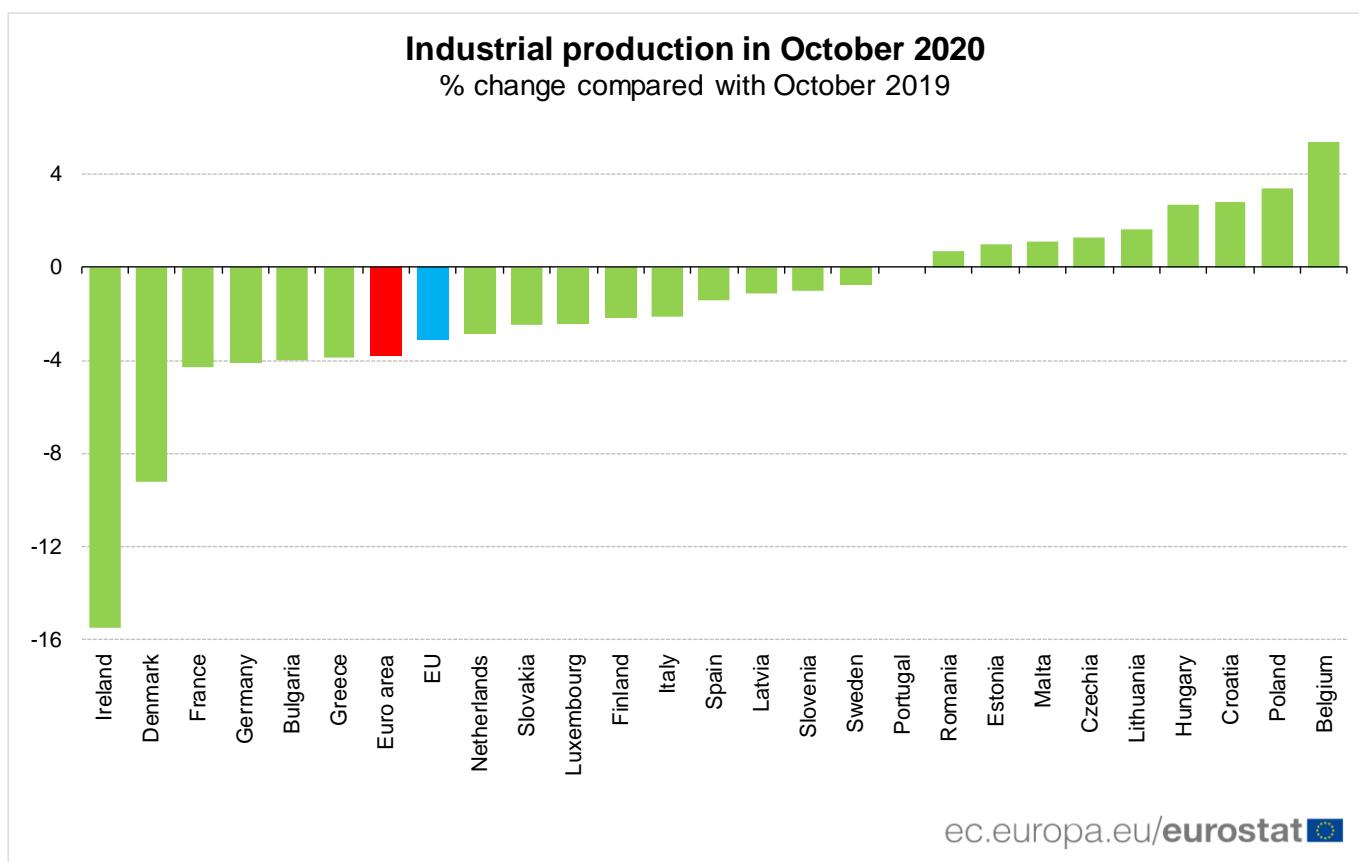
Among Member States, for which data are available, the highest increases were registered in **Belgium** (+6.9%), **Germany** (+3.4%) and **Slovenia** (+3.1%). The largest decreases were observed in **Denmark** (-5.8%), **Greece** (-3.0%) and **Lithuania** (-1.7%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in October 2020, compared with October 2019, production of capital goods fell by 8.2%, non-durable consumer goods by 2.1% and intermediate goods by 1.3%, while production of durable consumer goods rose by 0.3% and energy by 0.1%.

In the **EU**, production of capital goods fell by 7.1%, non-durable consumer goods by 2.4%, energy by 1.5% and intermediate goods by 0.5%, while production of durable consumer goods rose by 2.3%.

Among Member States for which data are available, the largest decreases in industrial production were registered in **Ireland** (-15.5%), **Denmark** (-9.2%) and **France** (-4.3%). The highest increases were observed in **Belgium** (+5.4%), **Poland** (+3.4%) and **Croatia** (+2.8%).



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 166/2020 of 12 November 2020, the monthly percentage change for September 2020 has been revised from -0.4% to +0.1% in the euro area and from 0.0% to +0.3% in the EU. The annual percentage change has been revised from -6.8% to -6.3% in the euro area and from -5.8% to -5.5% 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-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
Euro area						
Total industry	12.5	9.5	5.4	0.5	0.1	2.1
Intermediate goods	10.1	7.1	5.1	3.3	0.7	2.1
Energy	2.9	2.9	1.6	1.4	0.4	1.8
Capital goods	25.5	14.5	6.8	-1.4	0.9	2.6
Durable consumer goods	52.9	22.1	6.0	6.5	-3.2	1.5
Non-durable consumer goods	3.3	5.2	4.5	-1.3	2.1	0.0
EU						
Total industry	11.7	9.7	5.0	1.0	0.3	1.9
Intermediate goods	8.8	7.2	4.6	3.1	0.9	2.1
Energy	2.8	2.0	2.1	0.6	0.4	1.2
Capital goods	25.6	15.4	7.1	-0.8	1.4	2.6
Durable consumer goods	47.7	22.7	6.3	5.5	-2.3	1.3
Non-durable consumer goods	2.6	5.7	3.2	-0.3	1.4	-0.4

Source dataset: [sts_inpr_m](#)

Total industry	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
Euro area	12.5	9.5	5.4	0.5	0.1	2.1
EU	11.7	9.7	5.0	1.0	0.3	1.9
Belgium	13.0	-2.1	4.4	-0.5	0.7	6.9
Bulgaria	1.3	6.1	2.1	0.9	2.5	0.1
Czechia	16.4	15.6	6.2	-0.7	3.6	3.0
Denmark	-1.9	4.6	-4.0	2.9	2.0	-5.8
Germany	9.3	10.8	2.8	0.2	2.3	3.4
Estonia	0.0	8.5	2.4	-2.4	1.4	2.3
Ireland	-13.5	14.5	14.1	-14.7	-5.0	0.0
Greece	1.3	3.1	3.5	-1.4	1.8	-3.0
Spain	14.6	13.8	10.2	0.5	0.9	0.6
France	20.2	13.1	3.8	1.1	1.6	1.7
Croatia	-1.8	8.6	2.9	-1.1	1.7	2.9
Italy	41.4	8.3	7.6	7.1	-5.1	1.3
Cyprus	37.2	3.4	2.8	0.3	2.3	:
Latvia	5.1	7.4	-0.6	-0.5	0.4	-0.1
Lithuania	7.8	2.0	2.5	1.7	0.2	-1.7
Luxembourg	13.4	8.7	5.6	1.0	1.3	2.4**
Hungary	17.9	17.9	6.7	6.4	2.3	2.8
Malta	1.5	0.1	4.3	2.4	-0.6	1.4
Netherlands	-0.5	0.5	3.2	0.2	0.1	2.4
Austria	8.0	6.9	6.6	0.3	2.6	:
Poland	13.0	10.1	5.9	0.5	3.0	1.6
Portugal	2.9	11.2	13.5	9.8	-3.4	0.7
Romania	15.6	16.3	5.3	5.3	1.5	2.1
Slovenia	9.7	5.0	7.4	2.0	0.0	3.1
Slovakia	19.9	27.9	4.6	2.7	2.2	-1.2
Finland	-1.9	-0.7	0.6	1.8	-2.0	1.6
Sweden	1.3	6.5	3.7	6.1	-1.3	0.8
United Kingdom	5.8	9.7	5.3	0.2	0.5	1.3
Norway	-1.0	-2.0	2.6	1.1	-1.5	-3.5
Switzerland	-5.7	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

Source dataset: [sts_inpr_m](#)

Industrial production
 % change compared with same month of the previous year*

	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
Euro area						
Total industry	-20.3	-11.8	-6.9	-6.7	-6.3	-3.8
Intermediate goods	-19.4	-12.6	-8.7	-5.1	-3.4	-1.3
Energy	-10.5	-7.3	-5.6	-4.4	-2.5	0.1
Capital goods	-28.0	-15.4	-9.1	-12.5	-13.0	-8.2
Durable consumer goods	-24.9	-8.7	-2.8	4.6	0.5	0.3
Non-durable consumer goods	-13.1	-6.9	-1.1	-2.9	-1.5	-2.1
EU						
Total industry	-20.1	-11.2	-6.6	-5.8	-5.5	-3.1
Intermediate goods	-18.4	-11.3	-7.9	-4.3	-2.6	-0.5
Energy	-10.9	-8.8	-6.0	-4.6	-3.2	-1.5
Capital goods	-28.8	-15.5	-9.0	-11.6	-11.6	-7.1
Durable consumer goods	-23.8	-6.6	-0.7	5.9	2.4	2.3
Non-durable consumer goods	-12.4	-5.6	-1.7	-1.8	-1.6	-2.4

Source dataset: [sts_inpr_m](#)

Total industry	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
Euro area	-20.3	-11.8	-6.9	-6.7	-6.3	-3.8
EU	-20.1	-11.2	-6.6	-5.8	-5.5	-3.1
Belgium	-4.8	-11.0	0.3	-6.4	-4.6	5.4
Bulgaria	-16.1	-7.7	-6.1	-5.9	-2.8	-4.0
Czechia	-25.3	-10.5	-4.4	-4.8	-1.9	1.3
Denmark	-15.4	-5.1	-12.9	-5.7	-4.7	-9.2
Germany	-22.9	-13.5	-10.9	-10.4	-8.1	-4.1
Estonia	-17.6	-4.7	-0.2	-5.7	-2.4	1.0
Ireland	-13.7	3.9	16.2	-6.0	-13.7	-15.5
Greece	-8.6	-4.8	0.0	-4.1	-2.2	-3.9
Spain	-25.2	-14.6	-6.7	-6.2	-3.0	-1.4
France	-23.8	-11.7	-7.9	-7.5	-6.0	-4.3
Croatia	-12.4	-1.7	-1.6	-1.2	-1.1	2.8
Italy	-20.6	-13.9	-8.3	-0.3	-4.9	-2.1
Cyprus	-14.4	-10.7	-5.3	-7.0	-4.2	:
Latvia	-6.1	-0.3	0.4	-3.0	-2.8	-1.1
Lithuania	-5.6	-3.3	-1.9	2.2	-0.5	1.6
Luxembourg	-21.8	-13.1	-7.5	-11.3	-7.7	-2.4**
Hungary	-27.7	-11.7	-7.5	0.1	-0.9	2.7
Malta	-7.2	-6.8	-1.8	-2.7	-1.1	1.1
Netherlands	-9.1	-8.5	-4.7	-4.4	-6.2	-2.9
Austria	-17.0	-10.8	-4.4	-3.2	-1.7	:
Poland	-15.3	-4.4	0.9	1.4	3.1	3.4
Portugal	-27.2	-14.6	-8.2	2.5	2.4	0.0
Romania	-27.4	-13.4	-7.4	-2.9	-2.8	0.7
Slovenia	-16.3	-11.5	-5.2	-2.0	-3.3	-1.0
Slovakia	-33.4	-8.4	-3.6	-0.8	-0.2	-2.5
Finland	-4.5	-6.8	-6.2	-2.8	-5.8	-2.2
Sweden	-15.5	-10.3	-7.2	-0.9	-2.0	-0.8
United Kingdom	-20.3	-12.3	-6.4	-5.2	-5.6	-4.0
Norway	3.0	3.0	7.4	8.3	6.2	0.0
Switzerland	-12.1	-8.7	-6.7	-5.7	-3.8	:

* 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)

	10/19	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20	10/20
Euro area	103.2	103.0	100.9	103.1	103.1	91.0	74.6	83.9	91.9	96.9	97.4	97.5	99.5
EU	105.0	104.7	102.8	104.9	105.1	93.8	76.7	85.7	94.0	98.7	99.7	100.0	101.9
Belgium	112.0	114.1	117.0	112.5	113.5	107.4	95.3	107.7	105.4	110.0	109.4	110.2	117.8
Bulgaria	108.3	107.3	105.5	107.8	108.7	103.2	91.2	92.4	98.0	100.1	101.0	103.5	103.6
Czechia	113.1	111.9	110.9	111.7	112.1	99.9	75.4	87.8	101.5	107.8	107.0	110.9	114.2
Denmark	110.1	104.1	111.4	107.6	108.9	108.3	102.6	100.7	105.3	101.1	104.0	106.1	99.9
Germany	98.7	99.5	97.9	100.0	100.4	89.7	71.8	78.5	87.0	89.4	89.6	91.7	94.8
Estonia	108.5	110.1	109.3	107.4	117.7	106.3	97.4	97.4	105.7	108.2	105.6	107.1	109.6
Ireland	105.7	97.1	85.3	95.0	96.9	114.5	98.1	84.9	97.2	110.9	94.6	89.9	89.9
Greece	107.6	102.3	106.2	110.9	106.6	108.1	98.4	99.7	102.8	106.4	104.9	106.8	103.6
Spain	104.7	105.1	104.2	103.9	103.5	90.0	70.0	80.2	91.3	100.6	101.1	102.0	102.6
France	103.7	103.4	100.8	101.8	102.9	85.3	67.4	81.0	91.6	95.1	96.1	97.6	99.3
Croatia	105.9	105.5	103.3	104.9	105.2	103.7	95.7	94.0	102.1	105.1	103.9	105.7	108.8
Italy	103.7	104.1	101.4	104.7	103.4	74.5	59.6	84.3	91.3	98.2	105.2	99.8	101.1
Cyprus	132.0	131.3	131.6	133.1	134.7	116.4	83.4	114.4	118.3	121.6	122.0	124.8	:
Latvia	117.7	116.3	115.9	113.7	117.0	112.2	103.9	109.2	117.3	116.6	116.0	116.5	116.4
Lithuania	117.6	121.5	119.2	115.9	114.4	116.4	105.5	113.7	116.0	118.9	120.9	121.2	119.2
Luxembourg	96.9	95.6	92.5	96.8	97.6	78.9	69.3	78.6	85.4	90.2	91.1	92.3	94.5*
Hungary	117.6	116.3	112.2	117.6	117.8	105.2	72.7	85.7	101.0	107.8	114.7	117.3	120.6
Malta	104.2	104.6	108.8	110.9	110.2	103.1	96.2	97.6	97.7	101.9	104.3	103.7	105.1
Netherlands	102.8	101.7	100.1	102.8	101.8	100.8	94.0	93.5	94.0	97.0	97.2	97.3	99.6
Austria	111.5	110.3	110.0	114.6	112.1	104.5	87.8	94.8	101.3	108.0	108.3	111.1	:
Poland	122.2	124.0	120.3	123.9	125.3	116.0	91.5	103.4	113.8	120.5	121.1	124.7	126.7
Portugal	104.3	103.2	106.5	107.1	104.1	95.2	75.2	77.4	86.1	97.7	107.3	103.7	104.4
Romania	111.3	111.2	111.0	113.8	115.4	101.1	72.9	84.3	98.0	103.2	108.7	110.3	112.6
Slovenia	125.8	124.8	123.1	123.6	128.1	114.9	95.6	104.9	110.1	118.3	120.7	120.7	124.4
Slovakia	112.2	111.9	110.2	115.3	114.3	91.6	66.4	79.6	101.8	106.5	109.4	111.8	110.5
Finland	112.6	112.9	112.7	110.7	111.1	113.4	110.6	108.5	107.7	108.3	110.3	108.1	109.8
Sweden	111.4	112.8	111.2	112.0	112.3	111.8	93.7	94.9	101.1	104.8	111.2	109.7	110.6
United Kingdom	102.5	101.5	101.1	100.9	101.3	96.6	77.7	82.2	90.2	95.0	95.2	95.7	96.9
Norway	97.1	99.8	100.9	98.3	101.0	102.4	101.6	100.6	98.6	101.2	102.3	100.8	97.3
Switzerland	117.6	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

Source dataset: [sts_inpr_m](#)

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

	10/17	10/18	10/19	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20	10/20
Euro area	111.8	112.8	110.9	108.6	95.6	100.2	99.9	97.2	73.9	83.4	93.5	97.9	82.0	102.2	106.7
EU	112.5	114.0	112.7	110.6	97.7	102.0	101.9	100.2	76.0	85.3	95.6	98.2	85.2	104.6	109.2
Belgium	112.7	112.5	118.3	116.5	115.9	110.2	110.8	115.1	92.1	105.5	110.5	102.1	101.7	114.9	124.7
Bulgaria	109.7	110.1	112.2	114.0	107.9	103.1	105.2	104.9	86.7	87.8	100.0	103.5	96.7	103.3	107.7
Czechia	117.1	120.9	120.5	120.5	102.7	108.1	109.6	107.1	74.4	89.4	104.6	96.9	98.6	114.6	122.1
Denmark	113.7	118.1	118.4	112.6	109.3	108.4	105.4	114.3	98.9	99.3	104.7	87.0	100.9	113.0	107.5
Germany	107.6	108.3	102.2	105.8	92.1	93.2	97.0	97.1	71.0	77.2	88.8	89.5	84.1	95.9	98.0
Estonia	117.3	120.9	116.6	115.1	105.0	102.5	110.9	112.5	96.8	101.1	105.9	98.2	104.1	110.8	117.8
Ireland	131.4	133.2	148.0	107.7	75.1	113.3	72.7	100.8	103.4	74.9	80.0	111.7	75.4	111.2	125.1
Greece	105.4	105.5	104.6	98.5	105.8	102.6	104.0	109.2	96.3	99.3	107.2	118.9	100.7	110.8	100.5
Spain	111.1	112.4	110.5	110.8	96.0	102.4	103.7	95.7	67.9	84.5	94.3	103.8	80.0	104.1	109.0
France	110.4	110.2	110.4	107.2	101.6	103.1	102.3	93.9	67.7	77.3	95.4	93.9	73.2	99.2	105.7
Croatia	114.8	111.8	112.2	112.1	102.6	95.4	100.8	108.1	94.2	96.5	101.5	110.6	91.4	107.8	115.3
Italy	114.9	116.0	113.4	109.3	89.4	100.7	105.3	81.9	57.8	90.5	95.3	107.8	69.9	105.3	111.0
Cyprus	119.1	130.4	135.1	127.0	130.1	124.5	125.7	114.8	78.7	115.5	128.1	142.5	109.5	134.6	:
Latvia	125.9	124.3	128.2	121.8	118.1	91.1	100.9	111.6	101.7	112.1	122.2	117.3	124.6	122.8	126.8
Lithuania	117.1	127.3	124.6	127.1	119.2	111.5	110.1	122.4	102.6	110.4	114.9	115.2	119.0	122.1	126.6
Luxembourg	107.6	110.3	102.7	97.9	86.4	93.4	94.8	88.9	69.4	79.8	87.6	91.0	79.3	94.3	100.2*
Hungary	114.5	117.4	125.0	123.0	102.1	113.3	116.0	112.1	72.6	87.0	105.3	104.2	103.5	125.7	128.4
Malta	106.8	109.3	110.8	107.5	94.5	108.9	107.3	105.2	92.5	98.2	98.9	106.7	101.8	109.5	112.0
Netherlands	107.5	107.4	107.9	107.0	100.4	101.8	98.4	106.5	91.9	93.5	94.8	93.3	89.1	98.8	104.8
Austria	114.5	121.4	116.9	117.9	111.2	103.3	106.5	114.1	86.0	92.0	104.1	108.4	96.0	116.8	:
Poland	120.5	126.4	131.0	128.9	115.7	118.3	121.0	124.2	91.3	102.8	115.2	117.6	114.2	128.9	135.4
Portugal	107.1	107.6	105.5	105.7	96.8	108.4	103.4	98.8	74.0	81.0	89.1	103.7	89.3	105.5	105.5
Romania	121.3	121.9	117.6	117.2	105.9	109.5	111.9	107.5	69.8	86.8	100.9	104.5	99.2	112.9	118.4
Slovenia	125.8	130.2	133.6	129.2	110.6	118.9	125.4	125.6	95.3	109.0	113.9	120.7	102.1	125.6	132.2
Slovakia	119.0	126.8	122.1	119.8	95.6	113.8	113.7	101.5	67.4	81.0	104.5	96.4	100.6	114.5	119.0
Finland	114.4	116.9	118.9	117.4	121.8	104.7	102.3	122.6	110.4	105.6	108.5	96.5	106.4	111.1	116.3
Sweden	114.4	118.3	118.4	121.4	112.5	110.1	111.7	123.4	96.2	96.4	105.9	83.7	95.3	112.1	117.4
United Kingdom	106.8	106.1	105.8	105.7	102.7	100.7	98.8	104.6	77.2	82.9	90.7	94.4	91.8	98.0	101.6
Norway	104.3	108.9	102.7	105.7	102.9	106.1	100.4	107.3	99.0	98.9	93.6	91.4	100.0	95.8	102.7
Switzerland	115.7	125.6	130.4	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

Source dataset: [sts_inpr_m](#)