

166/2020 - 12 November 2020

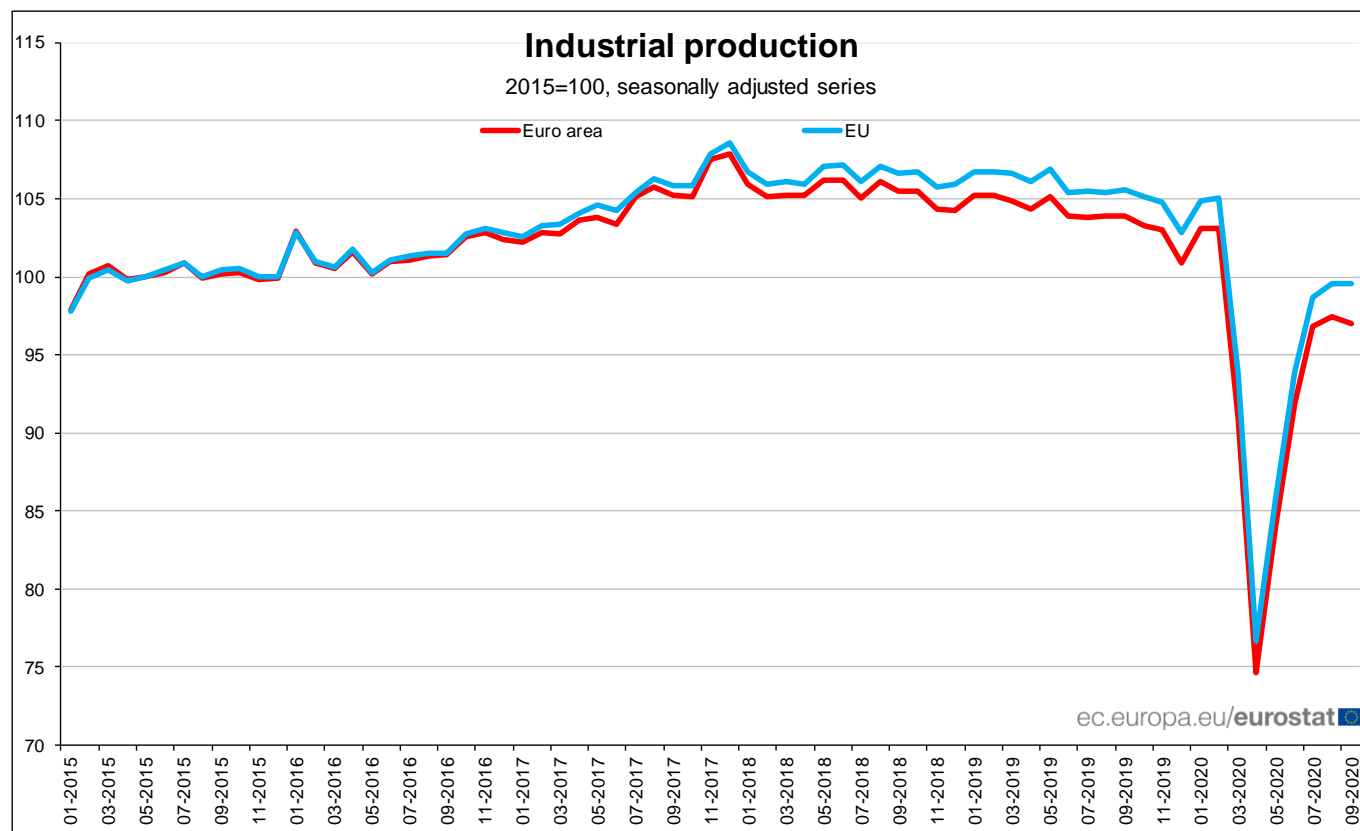
September 2020 compared with August 2020

Industrial production down by 0.4% in euro area and unchanged in EU

Down by 6.8% and 5.8% compared with September 2019

In September 2020, the seasonally adjusted industrial production fell by 0.4% in the **euro area** and remained unchanged in the **EU**, compared with August 2020, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2020, industrial production grew by 0.6% in the **euro area** and by 0.9% in the **EU**.

In September 2020 compared with September 2019, industrial production decreased by 6.8% in the **euro area** and by 5.8% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

In the **euro area** in September 2020, compared with August 2020, production of durable consumer goods fell by 5.3%, energy by 1.0%, while production of intermediate goods rose by 0.5%, capital goods by 0.6% and non-durable consumer goods by 2.1%.

In the **EU**, production of durable consumer goods fell by 3.9%, energy by 0.7%, while production of intermediate goods rose by 0.6%, capital goods by 1.2% and non-durable consumer goods by 1.4%.

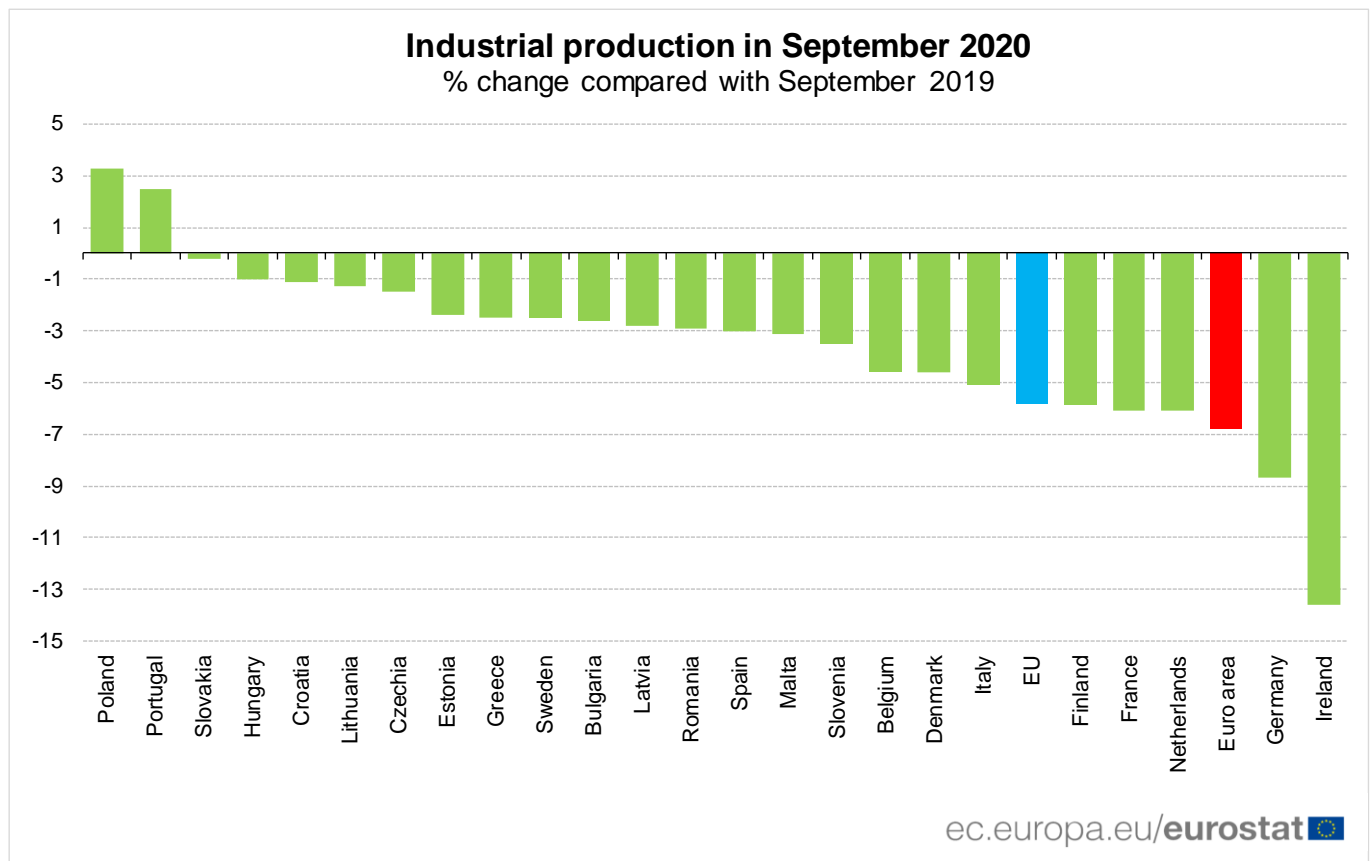
Among Member States, for which data are available, the largest decreases were observed in **Italy** (-5.6%), **Ireland** (-4.7%) and **Portugal** (-3.8%). The highest increases were registered in **Czechia** (+4.1%), **Slovakia** (+3.4%) and **Poland** (+3.1%).

Annual comparison by main industrial grouping and by Member State

In the **euro area** in September 2020, compared with September 2019, production of capital goods fell by 13.3%, energy by 4.5%, intermediate goods by 3.7%, durable consumer goods by 1.7% and non-durable consumer goods by 1.5%.

In the **EU**, production of capital goods fell by 11.9%, energy by 4.8%, intermediate goods by 2.8% and non-durable consumer goods by 1.7%, while production of durable consumer goods rose by 0.7%.

Among Member States, for which data are available, the largest decreases were observed in **Ireland** (-13.6%), **Germany** (-8.7%), **France** and the **Netherlands** (both -6.1%). The only increases were observed in **Poland** (+3.3%) and **Portugal** (+2.5%).



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 151/2020 of 14 October 2020, the monthly percentage change for August 2020 has been revised from +0.7% to +0.6% in the euro area and from +1.0% to +0.9% in the EU. The annual percentage change has been revised from -7.2% to -6.7% in the euro area and from -6.2% to -6.0% 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-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
Euro area						
Total industry	-18.0	12.5	9.5	5.3	0.6	-0.4
Intermediate goods	-16.8	10.1	7.1	5.1	3.1	0.5
Energy	-5.9	2.9	2.9	1.6	1.2	-1.0
Capital goods	-26.1	25.7	14.5	6.9	-1.7	0.6
Durable consumer goods	-32.3	53.0	21.8	6.0	7.0	-5.3
Non-durable consumer goods	-12.1	3.4	5.2	4.5	-1.3	2.1
EU						
Total industry	-18.2	11.7	9.6	5.1	0.9	0.0
Intermediate goods	-16.2	8.8	7.2	4.6	3.0	0.6
Energy	-6.0	2.8	2.0	2.2	0.4	-0.7
Capital goods	-28.0	25.8	15.3	7.3	-1.1	1.2
Durable consumer goods	-31.4	47.5	22.4	6.2	5.9	-3.9
Non-durable consumer goods	-11.3	2.4	5.6	3.1	-0.2	1.4

Source dataset: [sts_inpr_m](#)

Total industry	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
Euro area	-18.0	12.5	9.5	5.3	0.6	-0.4
EU	-18.2	11.7	9.6	5.1	0.9	0.0
Belgium	-11.4	12.9	-2.2	4.3	-0.5	0.6
Bulgaria	-11.6	1.3	6.1	2.1	0.9	2.3
Czechia	-24.7	16.8	15.5	5.7	-0.8	4.1
Denmark	-5.1	-2.3	4.5	-4.0	2.6	2.5
Germany	-20.0	9.3	10.8	2.8	0.2	1.7
Estonia	-8.4	-0.1	8.5	2.5	-2.4	1.3
Ireland	-14.1	-12.9	14.3	13.8	-14.7	-4.7
Greece	-9.0	1.3	3.2	3.4	-1.3	1.7
Spain	-22.2	14.6	13.5	10.7	0.1	0.6
France	-21.0	20.2	13.1	3.9	1.1	1.5
Croatia	-7.7	-1.8	8.6	2.9	-1.1	1.7
Italy	-20.1	41.7	8.2	7.3	7.4	-5.6
Cyprus	-28.4	37.1	3.2	2.7	0.2	:
Latvia	-7.4	5.1	7.4	-0.5	-0.5	0.4
Lithuania	-9.4	7.8	2.0	2.5	1.7	-0.4
Luxembourg	-12.2	13.4	8.6	4.9	2.0	:
Hungary	-30.9	17.7	18.0	6.7	6.3	2.3
Malta	-6.8	1.5	-0.1	4.8	1.5	-1.6
Netherlands	-6.7	-0.5	0.5	2.9	0.8	-0.4
Austria	-16.0	7.8	7.9	6.8	-1.0	:
Poland	-21.1	13.0	10.1	5.9	0.5	3.1
Portugal	-21.0	2.9	11.2	13.5	10.4	-3.8
Romania	-27.9	15.6	16.3	5.3	5.3	1.5
Slovenia	-16.8	9.7	5.0	7.6	2.1	-0.3
Slovakia	-27.8	21.4	21.6	6.9	4.4	3.4
Finland	-2.7	-1.9	-0.9	0.8	1.8	-2.1
Sweden	-16.1	1.3	6.4	3.3	5.9	-1.2
United Kingdom	-19.6	5.8	9.7	5.2	0.3	:
Norway	-0.8	-1.0	-2.0	2.5	1.1	-1.6
Switzerland	-3.5	-5.5	5.4	:	:	:

* Calendar and seasonally adjusted

: Data not available

Source dataset: [sts_inpr_m](#)

Industrial production

% change compared with same month of the previous year*

	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
Euro area						
Total industry	-28.4	-20.3	-11.8	-6.8	-6.7	-6.8
Intermediate goods	-26.6	-19.4	-12.6	-8.6	-5.0	-3.7
Energy	-13.5	-10.6	-7.5	-5.7	-4.6	-4.5
Capital goods	-40.9	-27.9	-15.4	-9.1	-12.5	-13.3
Durable consumer goods	-50.4	-24.8	-8.7	-2.8	4.5	-1.7
Non-durable consumer goods	-13.9	-13.2	-7.0	-1.2	-2.9	-1.5
EU						
Total industry	-27.6	-20.1	-11.2	-6.6	-6.0	-5.8
Intermediate goods	-24.8	-18.4	-11.4	-7.9	-4.2	-2.8
Energy	-13.0	-11.1	-8.9	-6.1	-4.8	-4.8
Capital goods	-41.7	-28.8	-15.5	-8.9	-11.7	-11.9
Durable consumer goods	-48.3	-23.8	-6.6	-0.6	5.9	0.7
Non-durable consumer goods	-12.7	-12.5	-5.7	-1.9	-1.9	-1.7

Source dataset: [sts_inpr_m](#)

Total industry	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
Euro area	-28.4	-20.3	-11.8	-6.8	-6.7	-6.8
EU	-27.6	-20.1	-11.2	-6.6	-6.0	-5.8
Belgium	-19.3	-4.8	-11.0	0.3	-6.2	-4.6
Bulgaria	-15.9	-16.1	-7.7	-6.1	-5.9	-2.6
Czechia	-35.2	-25.3	-10.6	-4.9	-5.5	-1.5
Denmark	-9.4	-15.5	-5.1	-12.8	-6.2	-4.6
Germany	-29.0	-22.9	-13.5	-10.9	-10.4	-8.7
Estonia	-16.9	-17.6	-4.8	-0.3	-5.7	-2.4
Ireland	4.7	-13.7	3.9	16.2	-6.0	-13.6
Greece	-11.2	-8.7	-4.8	-0.1	-4.1	-2.5
Spain	-34.8	-25.2	-14.6	-6.7	-6.2	-3.0
France	-35.5	-23.9	-11.8	-8.0	-7.5	-6.1
Croatia	-11.0	-12.4	-1.7	-1.6	-1.2	-1.1
Italy	-43.3	-20.5	-13.9	-8.3	-0.3	-5.1
Cyprus	-36.0	-14.4	-10.7	-5.3	-7.0	:
Latvia	-9.2	-6.1	-0.3	0.4	-3.0	-2.8
Lithuania	-12.2	-5.6	-3.3	-1.9	2.2	-1.3
Luxembourg	-32.3	-22.0	-13.4	-8.9	-11.4	:
Hungary	-36.8	-27.7	-11.7	-7.5	0.0	-1.0
Malta	-8.0	-7.3	-7.2	-1.3	-3.3	-3.1
Netherlands	-8.1	-9.1	-8.5	-4.7	-4.2	-6.1
Austria	-23.1	-17.1	-10.6	-4.0	-4.3	:
Poland	-25.1	-15.3	-4.4	0.9	1.4	3.3
Portugal	-29.5	-27.2	-14.6	-8.2	3.2	2.5
Romania	-39.0	-27.4	-13.4	-7.4	-2.9	-2.9
Slovenia	-24.4	-16.2	-11.5	-4.9	-1.5	-3.5
Slovakia	-42.0	-33.4	-8.4	-3.6	-0.8	-0.2
Finland	-4.0	-4.8	-7.1	-6.2	-2.8	-5.9
Sweden	-15.5	-15.5	-10.3	-8.0	-1.8	-2.5
United Kingdom	-23.3	-20.3	-12.3	-6.5	-5.3	:
Norway	5.4	3.0	3.0	7.4	8.3	6.2
Switzerland	-6.0	-11.3	-8.1	:	:	:

* Calendar adjusted

: Data not available

Source dataset: [sts_inpr_m](#)

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

	09/19	10/19	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20
Euro area	103.9	103.3	103.0	100.9	103.1	103.1	91.0	74.6	83.9	91.9	96.8	97.4	97.0
EU	105.6	105.1	104.8	102.8	104.9	105.0	93.8	76.7	85.7	93.9	98.7	99.6	99.6
Belgium	115.0	113.0	114.5	117.3	112.6	113.6	107.4	95.2	107.5	105.1	109.6	109.0	109.6
Bulgaria	107.2	108.3	107.3	105.5	107.8	108.7	103.2	91.2	92.4	98.0	100.1	101.0	103.3
Czechia	113.0	113.2	111.9	110.9	111.7	112.1	99.9	75.2	87.8	101.4	107.2	106.3	110.7
Denmark	111.8	109.6	103.9	111.5	107.5	108.9	108.6	103.1	100.7	105.2	101.0	103.6	106.2
Germany	99.6	98.7	99.5	97.9	100.0	100.4	89.7	71.8	78.5	87.0	89.4	89.6	91.1
Estonia	109.5	108.5	110.1	109.3	107.4	117.7	106.3	97.4	97.3	105.6	108.2	105.6	107.0
Ireland	104.1	104.6	96.9	85.5	95.3	97.1	114.3	98.2	85.5	97.7	111.2	94.8	90.3
Greece	109.7	107.1	102.3	106.1	110.9	106.6	108.1	98.4	99.7	102.9	106.4	105.0	106.8
Spain	105.5	105.1	105.4	104.4	104.1	103.5	89.9	69.9	80.1	90.9	100.6	100.7	101.3
France	103.8	103.7	103.4	100.8	101.7	102.8	85.2	67.3	80.9	91.5	95.1	96.1	97.5
Croatia	107.0	105.9	105.5	103.3	104.9	105.2	103.7	95.7	94.0	102.1	105.1	103.9	105.7
Italy	104.6	104.3	104.3	101.4	104.7	103.3	74.5	59.5	84.3	91.2	97.9	105.1	99.2
Cyprus	132.5	132.3	131.6	131.8	133.2	134.7	116.2	83.2	114.1	117.8	121.0	121.3	:
Latvia	120.2	117.7	116.3	115.9	113.7	117.0	112.2	103.9	109.2	117.3	116.7	116.1	116.6
Lithuania	120.5	117.6	121.5	119.2	115.9	114.4	116.4	105.5	113.7	116.0	118.9	120.9	120.4
Luxembourg	100.3	97.4	96.0	92.8	97.2	97.8	79.0	69.4	78.7	85.5	89.7	91.5	:
Hungary	118.4	117.8	116.4	112.2	117.7	117.8	105.2	72.7	85.6	101.0	107.8	114.6	117.2
Malta	105.0	104.5	104.8	108.9	111.0	110.2	103.0	96.0	97.4	97.3	102.0	103.5	101.8
Netherlands	103.1	102.8	101.7	100.1	102.8	101.8	100.8	94.0	93.5	94.0	96.7	97.5	97.1
Austria	113.4	112.1	109.8	109.9	115.3	111.1	104.3	87.6	94.4	101.9	108.8	107.7	:
Poland	120.7	122.2	124.0	120.3	123.9	125.3	116.0	91.5	103.4	113.8	120.5	121.1	124.9
Portugal	100.8	104.3	103.2	106.5	107.1	104.1	95.2	75.2	77.4	86.1	97.7	107.9	103.8
Romania	113.5	111.3	111.2	111.0	113.8	115.4	101.1	72.9	84.3	98.0	103.2	108.7	110.3
Slovenia	124.7	125.9	124.8	123.1	123.6	128.1	114.9	95.6	104.9	110.1	118.5	121.0	120.6
Slovakia	111.6	111.7	112.4	110.6	116.0	115.4	92.1	66.5	80.7	98.1	104.9	109.5	113.2
Finland	114.3	113.1	113.0	112.7	110.7	111.1	113.4	110.3	108.2	107.2	108.1	110.0	107.7
Sweden	111.9	111.2	112.8	111.2	112.0	112.2	111.7	93.7	94.9	101.0	104.3	110.5	109.2
United Kingdom	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	93.2	97.3	99.8	100.9	98.3	101.0	102.4	101.6	100.6	98.6	101.1	102.2	100.6
Switzerland	118.1	117.4	116.9	111.7	117.9	115.6	112.7	108.8	102.8	108.4	:	:	:

: Data not available

Source dataset: [sts_inpr_m](#)

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

	09/17	09/18	09/19	10/19	11/19	12/19	01/20	02/20	03/20	04/20	05/20	06/20	07/20	08/20	09/20
Euro area	109.8	110.4	109.1	111.0	108.6	95.6	100.2	99.8	97.2	73.9	83.4	93.5	97.9	82.0	101.7
EU	110.3	111.3	110.7	112.7	110.6	97.7	102.0	101.9	100.2	76.0	85.3	95.6	98.2	85.1	104.3
Belgium	112.8	111.5	120.5	118.3	116.5	115.9	110.2	110.8	115.1	92.1	105.5	110.5	102.1	101.9	114.9
Bulgaria	107.0	106.0	106.3	112.2	114.0	107.9	103.1	105.2	104.9	86.7	87.8	100.0	103.5	96.7	103.5
Czechia	115.2	117.9	116.8	120.5	120.5	102.7	108.1	109.6	107.1	74.4	89.4	104.5	96.4	97.9	115.0
Denmark	107.9	113.3	118.6	118.4	112.5	109.3	108.3	105.4	114.3	98.9	99.3	104.7	87.1	100.3	113.2
Germany	110.4	109.9	104.4	102.2	105.8	92.1	93.2	97.0	97.1	71.0	77.2	88.8	89.5	84.1	95.3
Estonia	111.6	116.2	113.5	116.6	115.1	105.0	102.5	110.9	112.6	96.8	101.1	105.8	98.1	104.1	110.8
Ireland	112.8	119.8	128.8	148.0	107.7	75.1	113.3	72.7	100.8	103.4	74.9	80.0	111.7	75.4	111.3
Greece	107.4	111.2	113.3	104.6	98.5	105.8	102.6	104.0	109.2	96.3	99.2	107.2	118.8	100.7	110.5
Spain	107.7	107.0	107.3	110.4	110.8	96.0	102.4	103.7	95.8	67.9	84.5	94.3	103.8	80.0	104.1
France	105.5	104.9	105.5	110.4	107.2	101.6	103.1	102.3	93.9	67.7	77.2	95.3	93.8	73.2	99.1
Croatia	109.6	107.0	109.0	112.2	112.1	102.6	95.4	100.8	108.1	94.2	96.5	101.5	110.6	91.4	107.8
Italy	111.2	112.8	110.7	113.4	109.3	89.4	100.7	105.3	81.9	57.8	90.6	95.3	107.8	69.9	105.1
Cyprus	123.0	133.3	140.5	135.1	127.0	130.1	124.5	125.7	114.8	78.7	115.5	128.1	142.5	109.5	:
Latvia	119.6	117.9	126.4	128.2	121.8	118.1	91.1	100.9	111.6	101.7	112.1	122.2	117.3	124.6	122.8
Lithuania	113.9	113.9	122.7	124.6	127.1	119.2	111.5	110.1	122.4	102.6	110.4	114.9	115.2	119.0	121.1
Luxembourg	107.5	103.7	102.7	103.2	98.3	86.6	93.9	95.0	89.0	69.7	79.9	87.6	90.1	79.5	:
Hungary	113.6	116.1	126.9	125.1	123.1	102.0	113.3	116.0	112.1	72.6	87.0	105.3	104.2	103.5	125.6
Malta	114.9	106.5	110.7	110.9	107.6	94.5	108.9	107.3	105.2	92.3	98.1	98.6	107.3	101.1	107.3
Netherlands	103.9	104.0	105.3	107.9	107.0	100.4	101.8	98.4	106.5	91.9	93.5	94.8	93.3	89.3	98.9
Austria	115.7	118.9	119.1	117.6	118.0	111.7	103.3	106.1	114.2	85.9	91.8	104.2	108.5	95.3	:
Poland	115.4	121.3	125.0	131.0	128.9	115.7	118.3	121.0	124.2	91.3	102.8	115.2	117.6	114.2	129.1
Portugal	108.5	108.5	103.0	105.5	105.7	96.8	108.4	103.4	98.8	74.0	81.0	89.1	103.7	89.9	105.6
Romania	116.6	121.2	116.2	117.6	117.2	105.9	109.5	111.9	107.5	69.8	86.8	100.9	104.5	99.2	112.8
Slovenia	126.0	127.4	129.9	133.6	129.2	110.6	118.9	125.4	125.6	95.3	109.1	113.9	121.0	102.6	125.3
Slovakia	111.2	117.1	114.7	122.1	119.8	95.6	113.8	113.7	101.5	67.4	81.0	104.5	96.4	100.6	114.5
Finland	109.6	116.3	117.9	118.9	117.4	121.8	104.7	102.3	122.6	110.0	105.3	108.1	96.5	106.4	110.9
Sweden	110.3	111.6	114.4	118.4	121.4	112.5	110.1	111.7	123.4	96.2	96.4	105.9	83.0	94.5	111.5
United Kingdom	106.3	105.6	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	97.3	98.0	90.2	102.7	105.7	102.9	106.1	100.4	107.3	99.0	98.9	93.6	91.4	100.0	95.8
Switzerland	109.6	108.3	119.5	130.4	129.5	113.6	110.7	109.4	121.2	103.6	104.2	111.6	:	:	:

: Data not available

Source dataset: [sts_inpr_m](#)