

18/2023 - 3 February 2023

December 2022 compared with November 2022

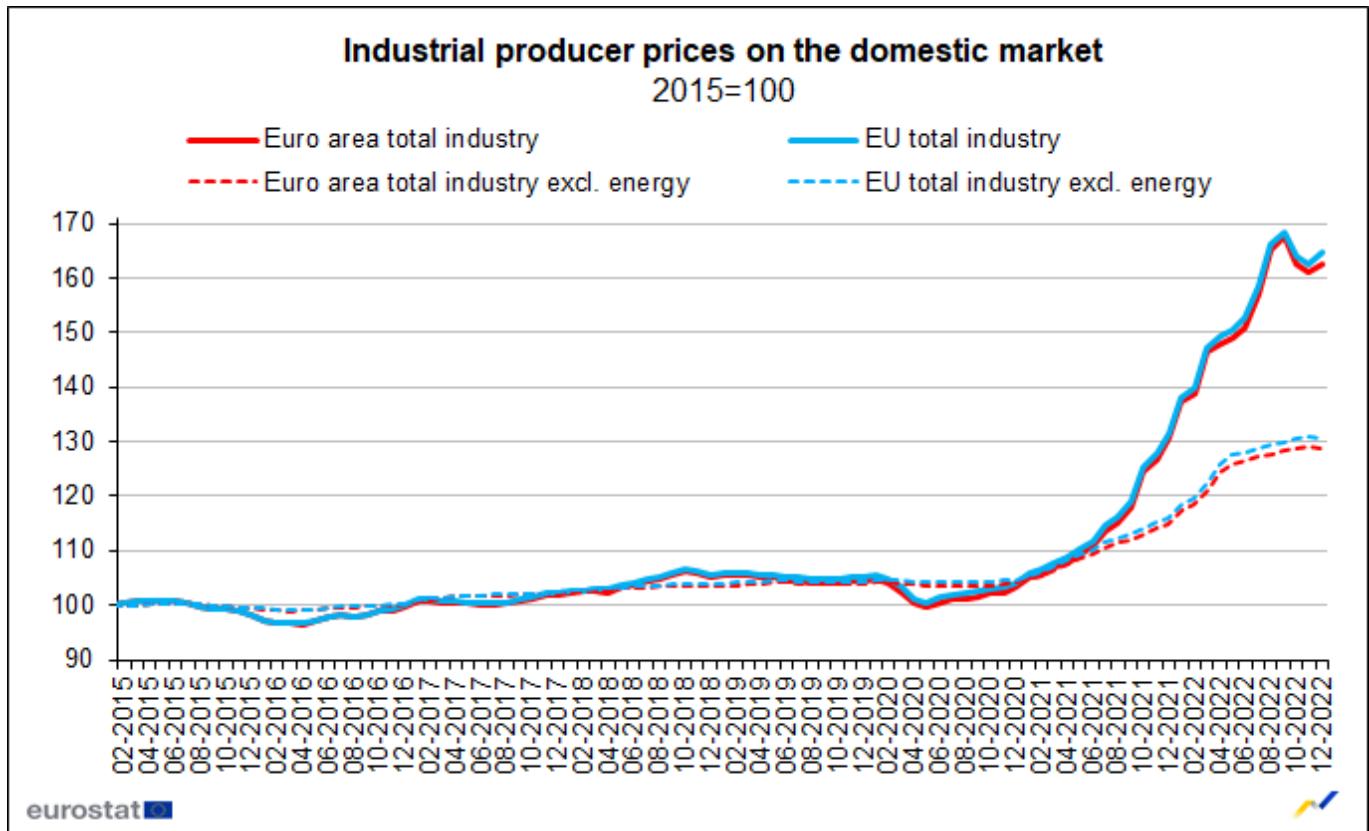
Industrial producer prices up by 1.1% in the euro area and by 1.2% in the EU

Up by 24.6% in the euro area and by 25.2% in the EU compared with December 2021

In December 2022, industrial producer prices rose by 1.1% in the **euro area** and by 1.2% in the **EU**, compared with November 2022, according to estimates from **Eurostat, the statistical office of the European Union**. In November 2022, prices decreased by 1.0% in the **euro area** and by 0.9% in the **EU**.

In December 2022, compared with December 2021, industrial producer prices increased by 24.6% in the **euro area** and by 25.2% in the **EU**.

The annual average industrial producer prices for the year 2022, compared with 2021, increased by 34.4% in the **euro area** and by 34.3% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

Industrial producer prices in the **euro area** in December 2022, compared with November 2022, increased by 2.5% in the energy sector, by 0.5% for non-durable consumer goods, by 0.4% for durable consumer goods and by 0.3% for capital goods, while prices decreased by 0.5% for intermediate goods. Prices in total industry excluding energy decreased by 0.1%.

In the **EU**, industrial producer prices increased by 2.9% in the energy sector, by 0.5% for non-durable consumer goods, by 0.4% for durable consumer goods and by 0.3% for capital goods, while prices decreased by 0.5% for intermediate goods. Prices in total industry excluding energy decreased by 0.1%.

The highest monthly increases in industrial producer prices were observed in **Ireland** (+43.2%), **Bulgaria** (+6.0%) and **Sweden** (+4.4%), while the largest decreases were recorded in **Portugal** (-3.2%), **Croatia** (-2.6%) and **Slovakia** (-2.5%).

Annual comparison by main industrial grouping and by Member State

Industrial producer prices in the **euro area** in December 2022, compared with December 2021, increased by 48.6% in the energy sector, by 15.6% for non-durable consumer goods, by 13.8% for intermediate goods, by 9.7% for durable consumer goods and by 7.5% for capital goods. Prices in total industry excluding energy increased by 12.3%.

In the **EU**, industrial producer prices increased by 49.6% in the energy sector, by 16.7% for non-durable consumer goods, by 14.0% for intermediate goods, by 9.9% for durable consumer goods and by 7.7% for capital goods. Prices in total industry excluding energy increased by 12.8%.

The industrial producer prices increased in all Member States, with the highest yearly increases being registered in **Hungary** (+62.7%), **Latvia** (+49.4%) and **Romania** (+41.9%).

Geographical information

Up to 31 December 2022, the **euro area** (EA19) included Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Italy, Cyprus, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Austria, Portugal, Slovenia, Slovakia and Finland. From 1 January 2023 the **euro area** (EA20) also includes Croatia.

The aggregate data series commented on in this News Release refer to the official composition of the euro area in the most recent month for which data is available. Thus, News Releases with data for months up to December 2022 comment on EA19 series, while Releases with data for January 2023 onwards will comment on EA20 series.

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 producer prices** shows (in the national currency of the country concerned) changes in the ex-works sale prices of all products sold on the domestic market, excluding imports. Euro area and EU indices refer to overall weighted price changes. The figures are not calendar day or seasonally adjusted.

Total industry covers NACE rev. 2 sections B to D + E36.

Revisions and timetable

Compared with data issued in the News Release 1/2023 of 5 January 2023, the monthly percentage increase for November 2022 changed from -0.9% to -1.0% in the euro area and remained unchanged at -0.9% in the EU. The annual percentage increase changed from +27.1% to +27.0% in the euro area and remained unchanged at +27.4% in the EU.

For more information

Eurostat database section on short-term business statistics

Eurostat Statistics Explained article on the index of producer prices

The weights of the Member States in the EU and euro area aggregates
(See file NEWS_RELEASE_WEIGHTINGS_2015)

Eurostat Euro indicators dashboard

Eurostat €-indicators release calendar

European Statistics Code of Practice

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Industrial producer prices on the domestic market

% change compared with previous month

	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22
Euro area						
Total industry	4.0	5.1	1.6	-3.0	-1.0	1.1
Total industry excluding energy	0.6	0.4	0.4	0.5	0.2	-0.1
Intermediate goods	0.1	0.1	0.1	0.2	-0.4	-0.5
Energy	9.3	11.9	3.1	-7.5	-2.4	2.5
Capital goods	0.8	0.3	0.4	0.4	0.4	0.3
Durable consumer goods	0.9	0.4	0.3	0.6	0.2	0.4
Non-durable consumer goods	1.2	0.8	0.9	1.1	0.6	0.5
EU						
Total industry	3.9	4.9	1.4	-2.6	-0.9	1.2
Total industry excluding energy	0.6	0.4	0.5	0.5	0.1	-0.1
Intermediate goods	0.1	0.1	0.1	0.2	-0.4	-0.5
Energy	8.5	11.9	2.5	-7.0	-2.0	2.9
Capital goods	0.8	0.3	0.4	0.4	0.3	0.3
Durable consumer goods	0.9	0.4	0.4	0.6	0.2	0.4
Non-durable consumer goods	1.2	0.9	1.0	1.2	0.6	0.5

Source dataset: [sts_inppd_m](#)

Total industry	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22
Euro area 19	4.0	5.1	1.6	-3.0	-1.0	1.1
Euro area 20	4.0	5.1	1.6	-3.0	-1.0	1.1
EU	3.9	4.9	1.4	-2.6	-0.9	1.2
Belgium	-0.3	4.0	2.8	2.8	-2.0	0.2
Bulgaria	8.0	12.5	9.2	-8.8	-12.6	6.0
Czechia	0.3	-0.1	1.2	0.6	-1.0	-1.1
Denmark	2.1	7.1	-1.6	-5.5	-0.3	2.4
Germany	5.6	8.0	2.4	-4.2	-3.9	-0.4
Estonia	0.5	2.8	-3.9	-0.9	1.3	0.8
Ireland	26.1	28.4	-18.9	-32.5	2.4	43.2
Greece	-0.6	4.7	-2.4	9.6	-6.0	-0.7
Spain	0.6	2.7	0.0	-2.3	-2.4	-1.7
France	1.9	2.9	1.0	-0.2	0.7	1.4
Croatia	1.8	0.4	3.0	1.0	1.0	-2.6
Italy	6.5	3.5	3.5	-4.7	3.3	3.8
Cyprus	6.7	0.3	-1.5	0.1	-2.5	0.3
Latvia	8.5	13.3	-0.2	-1.9	1.0	1.6
Lithuania	-0.1	1.5	2.5	2.1	-2.0	-2.4
Luxembourg	7.4	-1.7	1.5	0.5	-2.5	0.4
Hungary	9.4	10.6	2.6	6.2	1.3	1.1
Malta	0.3	0.0	0.3	0.3	0.2	0.1
Netherlands	3.6	3.7	-2.3	-4.1	0.4	0.2
Austria	2.4	2.5	3.1	0.3	-1.5	0.2
Poland	1.5	1.5	-0.1	0.9	-0.1	1.2
Portugal	-1.6	-0.5	0.3	-0.5	0.3	-3.2
Romania	6.8	3.4	-0.7	2.6	1.0	1.0
Slovenia	0.7	2.1	1.1	0.3	-0.8	0.6
Slovakia	2.1	7.0	8.9	0.7	-11.6	-2.5
Finland	0.2	1.6	0.1	-2.4	0.9	0.8
Sweden	-1.2	4.4	0.3	-2.6	2.7	4.4
Norway	0.2	4.4	0.5	-2.6	1.8	2.0
Switzerland	0.4	0.4	0.0	0.4	0.1	-0.2

Source dataset: [sts_inppd_m](#)

Industrial producer prices on the domestic market

% change compared with same month of the previous year

	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22
Euro area						
Total industry	38.1	43.5	41.9	30.5	27.0	24.6
Total industry excluding energy	15.1	14.6	14.5	14.0	13.2	12.3
Intermediate goods	21.5	20.0	19.0	17.5	15.3	13.8
Energy	98.0	117.3	108.0	64.8	55.4	48.6
Capital goods	7.9	7.8	7.6	7.6	7.7	7.5
Durable consumer goods	9.8	9.9	9.8	9.9	9.5	9.7
Non-durable consumer goods	13.8	14.5	15.2	16.0	16.0	15.6
EU						
Total industry	38.1	43.2	41.4	31.1	27.4	25.2
Total industry excluding energy	15.7	15.2	15.0	14.5	13.6	12.8
Intermediate goods	21.7	20.1	19.1	17.6	15.5	14.0
Energy	96.9	115.8	105.2	66.2	55.7	49.6
Capital goods	8.1	8.1	7.9	7.7	7.7	7.7
Durable consumer goods	10.3	10.3	10.1	10.2	9.7	9.9
Non-durable consumer goods	14.8	15.6	16.4	17.1	17.1	16.7

Source dataset: [sts_inppd_m](#)

Total industry	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22
Euro area 19	38.1	43.5	41.9	30.5	27.0	24.6
Euro area 20	38.0	43.4	41.8	30.4	26.9	24.5
EU	38.1	43.2	41.4	31.1	27.4	25.2
Belgium	43.8	47.8	49.5	38.1	30.6	29.9
Bulgaria	55.9	68.3	78.2	55.5	25.3	28.5
Czechia	26.8	25.2	25.8	24.1	21.3	20.1
Denmark	55.1	61.0	46.2	36.0	23.0	18.2
Germany	38.1	46.9	46.9	35.5	29.0	22.4
Estonia	41.5	42.6	30.2	31.7	31.5	17.7
Ireland	47.5	97.4	30.0	-17.2	-13.0	9.9
Greece	31.9	37.9	27.2	36.0	25.8	15.6
Spain	41.7	42.9	35.6	25.0	20.4	14.7
France	27.6	29.7	28.8	24.7	20.9	20.7
Croatia	31.3	30.5	30.2	23.7	24.2	20.0
Italy	45.9	50.5	52.9	33.2	35.7	39.2
Cyprus	33.0	33.3	29.7	28.7	20.6	20.5
Latvia	54.6	70.6	63.0	55.4	53.0	49.4
Lithuania	48.0	47.1	48.0	45.8	37.6	31.2
Luxembourg	31.3	26.2	27.2	26.6	21.6	21.4
Hungary	53.5	67.7	67.5	68.0	63.5	62.7
Malta	9.9	10.1	10.1	9.2	8.3	7.9
Netherlands	39.5	43.1	36.4	24.6	22.6	20.8
Austria	28.3	30.4	31.9	26.5	22.3	19.6
Poland	33.6	34.5	32.8	30.5	28.3	27.9
Portugal	23.3	21.7	18.5	13.7	12.2	6.7
Romania	67.3	70.9	62.9	53.8	44.8	41.9
Slovenia	24.6	25.4	25.7	25.2	23.2	23.3
Slovakia	43.5	51.8	62.8	59.3	38.8	34.1
Finland	26.9	27.3	24.7	20.9	19.9	15.4
Sweden	19.9	23.0	20.5	17.6	18.1	18.5
Norway	28.3	29.8	27.5	25.9	23.6	19.1
Switzerland	7.7	7.9	7.9	7.1	6.8	6.5

Source dataset: [sts_inppd_m](#)

Industrial producer prices indices on the domestic market for total industry
 (base year 2015)

	12-19	12-20	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22
Euro area 19	104.5	103.3	130.6	137.5	138.9	146.3	148.0	148.9	150.9	157.0	165.0	167.6	162.5	160.9	162.7
Euro area 20	104.5	103.3	130.6	137.4	138.9	146.3	148.0	148.8	150.9	156.9	164.9	167.5	162.4	160.8	162.6
EU	105.2	104.1	131.5	138.2	139.7	147.3	149.2	150.3	152.5	158.4	166.1	168.5	164.1	162.7	164.6
Belgium	117.5	115.6	160.4	176.7	177.7	185.0	189.3	191.8	193.4	192.9	200.7	206.4	212.1	207.9	208.4
Bulgaria	111.2	110.7	153.4	158.6	158.4	165.2	171.9	171.8	175.9	189.9	213.6	233.2	212.7	185.9	197.1
Czechia	103.1	103.1	116.7	124.7	127.5	132.9	136.0	138.6	140.5	140.9	140.7	142.4	143.2	141.7	140.2
Denmark	106.9	104.9	166.7	166.9	169.9	180.1	182.4	185.5	189.7	193.7	207.4	204.1	192.9	192.4	197.0
Germany	104.6	104.6	129.3	132.1	133.8	140.2	144.0	146.5	147.7	156.0	168.5	172.6	165.3	158.8	158.2
Estonia	107.9	109.6	155.8	157.0	157.6	164.3	168.9	178.0	182.3	183.3	188.5	181.2	179.5	181.9	183.4
Ireland	96.4	102.0	203.2	180.1	165.5	225.3	188.4	151.8	171.8	216.7	278.2	225.7	152.4	156.0	223.4
Greece	104.3	98.0	127.8	132.0	138.3	150.5	154.8	146.8	142.1	141.3	148.0	144.4	158.3	148.8	147.7
Spain	102.3	100.8	136.3	141.9	144.9	154.6	156.6	158.1	161.6	162.5	166.9	166.9	163.0	159.1	156.4
France	104.0	103.1	122.0	128.0	129.0	135.0	135.0	134.6	136.5	139.1	143.1	144.5	144.2	145.2	147.2
Croatia	101.6	100.4	120.2	122.0	124.3	129.1	132.4	136.9	138.0	140.5	141.1	145.3	146.7	148.1	144.2
Italy	103.1	100.7	129.2	145.2	145.4	152.3	151.9	152.4	154.1	164.1	169.9	175.8	167.6	173.2	179.8
Cyprus	105.8	100.1	119.3	118.5	119.4	125.8	129.0	138.2	139.0	148.3	148.8	146.6	146.8	143.2	143.7
Latvia	106.6	104.2	138.3	141.6	140.0	148.4	149.6	158.8	167.4	181.6	205.7	205.2	201.4	203.4	206.6
Lithuania	105.0	99.0	126.8	132.2	135.1	144.9	148.4	155.8	164.0	163.8	166.2	170.3	173.8	170.4	166.3
Luxembourg	97.9	98.0	118.0	121.1	124.1	124.8	132.6	138.5	135.9	146.0	143.5	145.6	146.4	142.7	143.3
Hungary	113.5	116.2	152.7	159.7	162.1	169.4	175.9	179.2	184.0	201.3	222.6	228.3	242.4	245.6	248.4
Malta	102.3	103.9	108.9	112.9	114.1	114.5	115.5	115.9	116.1	116.5	116.5	116.9	117.2	117.4	117.5
Netherlands	108.0	105.3	136.7	141.7	143.9	153.5	160.2	158.8	162.9	168.8	175.1	171.1	164.1	164.8	165.1
Austria	102.3	101.1	122.4	126.4	127.9	132.6	134.6	134.8	136.6	139.9	143.4	147.9	148.4	146.1	146.4
Poland	109.5	109.2	129.2	134.0	135.6	146.6	151.9	153.9	157.3	159.7	162.1	161.9	163.4	163.2	165.2
Portugal	101.8	100.3	123.8	124.1	126.7	137.4	134.4	136.0	139.2	137.0	136.3	136.7	136.0	136.4	132.1
Romania	112.6	113.4	161.3	180.8	182.6	197.2	191.3	192.3	199.7	213.2	220.4	218.8	224.4	226.6	228.9
Slovenia	104.1	105.1	116.2	119.1	125.9	128.0	132.2	136.3	137.9	138.9	141.8	143.3	143.7	142.5	143.3
Slovakia	105.1	105.3	120.7	131.2	149.0	147.4	161.1	154.0	156.7	160.0	171.2	186.4	187.7	166.0	161.9
Finland	105.1	103.1	128.7	128.4	127.7	132.7	133.8	141.1	146.7	147.0	149.4	149.6	146.0	147.3	148.5
Sweden	113.4	112.1	135.5	134.5	135.4	141.4	142.4	145.2	148.6	146.8	153.2	153.7	149.7	153.8	160.6
Norway	117.3	114.7	143.7	143.2	145.6	150.5	153.5	158.1	161.0	161.3	168.4	169.3	164.9	167.8	171.1
Switzerland	100.4	99.6	103.5	104.3	105.1	105.9	107.4	108.4	109.1	109.5	109.9	109.9	110.3	110.4	110.2

Source dataset: [sts_inppd_m](#)

Industrial producer prices indices on the domestic market for total industry excluding energy
 (base year 2015)

	12-19	12-20	12-21	01-22	02-22	03-22	04-22	05-22	06-22	07-22	08-22	09-22	10-22	11-22	12-22
Euro area 19	104.0	104.2	114.8	117.4	118.5	121.1	124.4	125.9	126.5	127.2	127.7	128.2	128.8	129.0	128.9
Euro area 20	103.9	104.1	114.7	117.3	118.5	121.1	124.3	125.9	126.5	127.2	127.6	128.1	128.8	128.9	128.9
EU	104.4	104.8	115.9	118.4	119.7	122.4	125.8	127.5	128.1	128.9	129.4	130.0	130.7	130.8	130.7
Belgium	107.0	106.8	129.4	131.9	133.6	139.5	143.7	145.5	146.5	146.2	147.3	146.0	146.2	146.5	147.7
Bulgaria	106.6	108.8	124.6	127.3	129.2	135.3	139.1	141.9	145.8	144.5	145.9	147.8	148.4	147.9	148.2
Czechia	102.1	102.9	114.9	117.0	118.5	121.6	125.2	128.5	129.6	130.1	130.2	130.4	131.3	131.2	130.4
Denmark	104.7	104.6	112.5	114.1	115.0	117.3	120.4	121.4	122.4	124.0	124.6	125.1	126.0	126.0	126.3
Germany	105.2	105.3	115.1	118.0	119.0	121.4	124.9	126.6	127.2	128.0	128.6	129.2	129.9	129.9	129.8
Estonia	104.7	105.4	121.9	124.6	125.6	128.8	134.9	140.9	143.9	142.5	142.7	141.2	141.6	142.5	143.3
Ireland	101.2	99.8	106.0	108.3	106.3	106.7	108.0	109.7	110.4	113.0	113.9	114.3	115.4	115.6	115.7
Greece	100.2	100.4	104.1	104.3	105.3	106.7	108.1	108.8	109.1	109.4	109.9	110.7	111.9	112.5	112.7
Spain	103.1	104.0	115.4	117.7	119.2	122.0	125.4	126.6	127.1	127.2	127.4	127.5	128.1	128.3	128.1
France	102.0	102.2	110.6	113.3	114.4	117.0	119.7	121.1	121.8	122.6	123.0	123.4	124.1	124.6	124.8
Croatia	99.5	99.6	104.0	105.3	106.1	107.3	108.7	110.3	111.3	112.7	113.5	114.3	115.2	115.1	116.0
Italy	103.1	103.6	113.6	115.6	116.7	119.2	121.6	122.9	123.3	123.7	124.5	125.6	126.3	126.4	126.3
Cyprus	102.9	101.5	111.9	112.6	113.6	116.1	119.9	121.5	122.7	123.0	123.6	124.4	124.9	125.4	126.0
Latvia	108.5	109.2	127.5	129.8	131.9	135.9	143.8	147.2	148.9	151.8	155.9	158.6	161.0	161.8	161.7
Lithuania	104.5	101.2	116.5	119.8	121.3	124.9	131.5	136.2	138.7	141.5	141.4	142.7	143.1	142.8	143.2
Luxembourg	105.0	107.2	132.9	131.1	135.7	136.7	149.1	158.5	154.2	152.0	148.0	151.3	149.2	143.2	143.2
Hungary	115.7	121.2	140.3	144.7	147.7	152.5	158.6	163.1	166.7	171.1	172.9	176.3	180.8	182.2	183.3
Malta	106.9	109.6	119.3	126.0	127.7	128.3	129.6	130.3	130.6	131.1	131.2	131.7	132.4	132.6	132.7
Netherlands	108.5	107.6	125.5	129.6	132.4	135.3	142.0	142.9	143.3	145.6	144.1	143.7	144.4	143.9	142.7
Austria	104.0	104.3	113.9	116.3	117.3	118.5	120.7	121.7	122.1	123.0	123.1	123.3	123.5	123.4	123.7
Poland	107.3	108.3	123.6	125.3	126.8	132.2	137.4	139.3	139.9	141.4	142.1	143.3	144.2	143.8	143.6
Portugal	102.7	102.3	114.2	116.6	118.4	121.3	125.5	127.6	128.5	129.3	129.8	131.2	132.1	132.7	132.4
Romania	111.2	114.0	132.5	135.7	138.2	141.9	145.8	149.0	149.7	150.9	150.6	151.7	153.2	154.0	154.5
Slovenia	103.3	103.9	115.5	118.2	120.6	123.3	127.0	129.8	131.5	132.1	133.0	133.8	134.5	135.1	135.6
Slovakia	102.4	102.0	112.2	114.3	116.2	117.8	121.1	123.6	124.9	125.7	125.2	126.1	126.5	126.9	126.9
Finland	102.8	102.8	118.7	120.7	121.7	123.7	127.2	131.1	132.5	133.6	134.2	134.1	134.4	133.9	133.6
Sweden	110.0	111.5	125.8	127.3	129.2	131.9	135.6	137.4	138.7	138.7	139.6	140.0	140.2	140.7	140.6
Norway	104.9	107.6	114.5	115.6	117.3	118.3	119.9	124.1	124.8	125.7	128.6	129.0	130.2	132.1	132.5
Switzerland	100.3	100.3	103.4	103.8	104.1	104.4	105.5	106.3	106.8	107.2	107.5	107.7	108.0	108.0	108.3

Source dataset: [sts_inppd_m](#)