

125/2023 - 7 November 2023

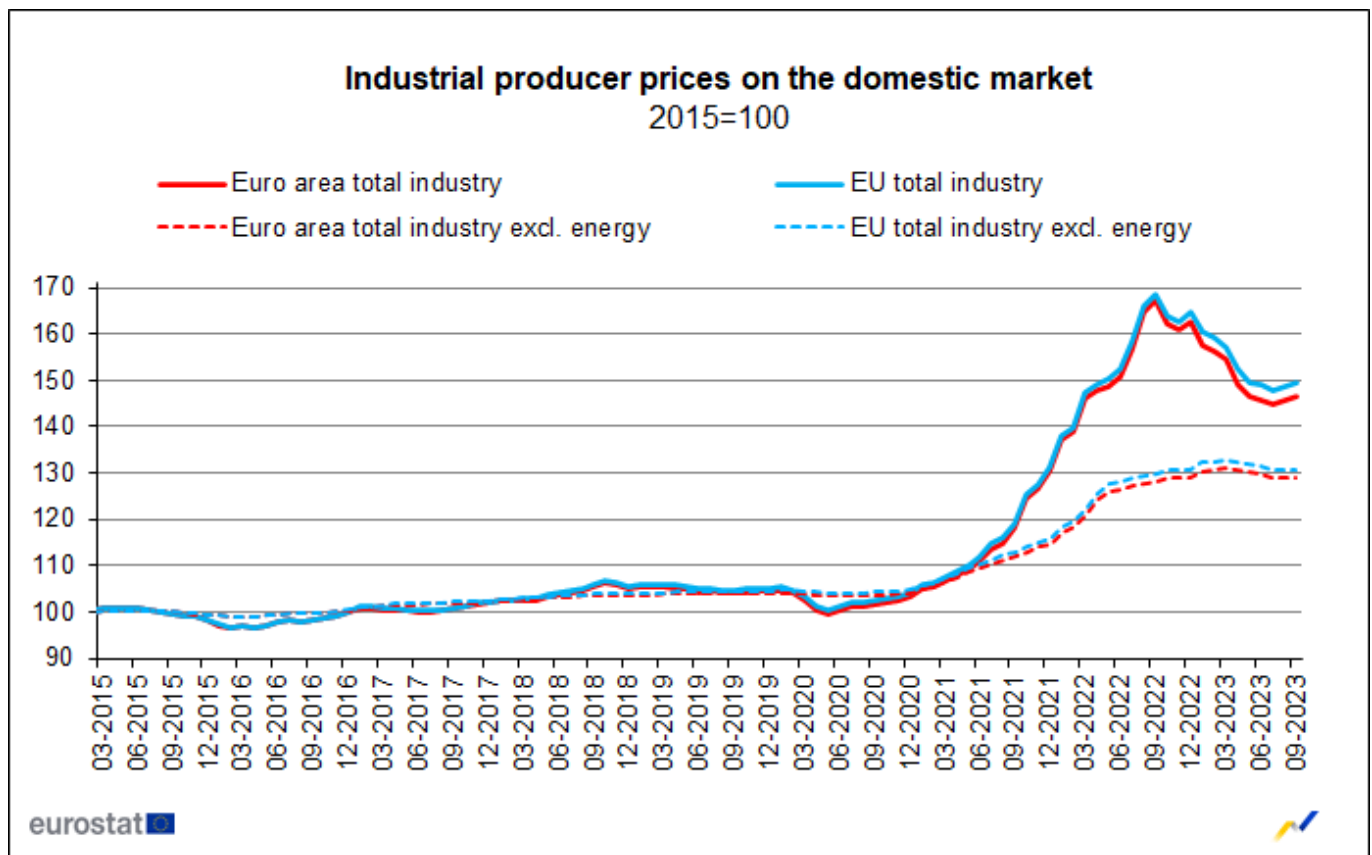
September 2023 compared with August 2023

Industrial producer prices up by 0.5% in the euro area and by 0.6% in the EU

Down by 12.4% in the euro area and by 11.2% in the EU compared with September 2022

In September 2023, industrial producer prices rose by 0.5% in the **euro area** and by 0.6% in the **EU**, compared with August 2023, according to estimates from **Eurostat, the statistical office of the European Union**. In August 2023, prices increased by 0.7% in the **euro area** and by 0.5% in the **EU**.

In September 2023, compared with September 2022, industrial producer prices decreased by 12.4% in the **euro area** and by 11.2% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

Industrial producer prices in the **euro area** in September 2023, compared with August 2023, increased by 2.2% in the energy sector, while prices remained stable for capital goods and for durable consumer goods, and prices decreased by 0.2% for both intermediate goods and non-durable consumer goods. Prices in total industry excluding energy decreased by 0.1%.

In the **EU**, industrial producer prices increased by 2.1% in the energy sector and by 0.1% for capital goods, while prices remained stable for durable consumer goods, and prices decreased by 0.1% for intermediate goods and by 0.2% for non-durable consumer goods. Prices in total industry excluding energy decreased by 0.1%.

The biggest monthly increases in industrial producer prices were observed in **Luxembourg** (+28.5%), **Romania** (+2.6%) and **Bulgaria** (+2.1%), while the largest decreases were recorded in **Finland** (-0.9%), **Cyprus** and **Poland** (both -0.3%) and **Germany** (-0.2%).

Annual comparison by main industrial grouping and by Member State

Industrial producer prices in the **euro area** in September 2023, compared with September 2022, decreased by 31.3% in the energy sector and by 4.8% for intermediate goods, while prices increased by 3.9% for capital goods, by 4.3% for durable consumer goods and by 5.5% for non-durable consumer goods. Prices in total industry excluding energy increased by 0.5%.

In the **EU**, industrial producer prices decreased by 28.5% in the energy sector and by 4.7% for intermediate goods, while prices increased by 3.7% for durable consumer goods, by 3.8% for capital goods and by 5.4% for non-durable consumer goods. Prices in total industry excluding energy increased by 0.4%.

The largest annual decreases in industrial producer prices were recorded in **Ireland** (-38.9%), **Bulgaria** (-32.0%) and **Italy** (-18.3%). The highest annual increases were recorded in **Luxembourg** (+23.8%), **Hungary** (+7.1%) and **Slovenia** (+3.1%).

Geographical information

The **euro area** (EA20) includes Belgium, Germany, Estonia, Ireland, Greece, Spain, France, Croatia, 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 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 110/2023 of 4 October 2023, the monthly percentage increase for August 2023 changed from +0.6% to +0.7% in the euro area and remained unchanged at +0.5% in the EU. The annual percentage decrease remained unchanged at -11.5% in the euro area and at -10.5% 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

For further information on data

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Industrial producer prices on the domestic market

% change compared with previous month

	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23
Euro area						
Total industry	-3.3	-1.9	-0.4	-0.6	0.7	0.5
Total industry excluding energy	-0.2	-0.4	-0.4	-0.5	-0.2	-0.1
Intermediate goods	-0.7	-1.0	-0.8	-1.2	-0.4	-0.2
Energy	-10.3	-5.2	-0.5	-0.9	2.5	2.2
Capital goods	0.5	0.1	0.1	0.2	0.1	0.0
Durable consumer goods	0.2	0.3	0.0	0.2	-0.1	0.0
Non-durable consumer goods	0.3	0.0	-0.1	0.0	-0.1	-0.2
EU						
Total industry	-3.1	-1.9	-0.4	-0.7	0.5	0.6
Total industry excluding energy	-0.2	-0.5	-0.3	-0.5	-0.2	-0.1
Intermediate goods	-0.8	-1.0	-0.8	-1.2	-0.4	-0.1
Energy	-9.1	-5.1	-0.4	-1.1	2.3	2.1
Capital goods	0.4	0.0	0.2	0.2	0.0	0.1
Durable consumer goods	0.2	0.2	0.0	-0.1	0.0	0.0
Non-durable consumer goods	0.4	-0.1	-0.1	-0.1	-0.1	-0.2

Source dataset: [sts_inppd_m](#)

Total industry	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23
Euro area	-3.3	-1.9	-0.4	-0.6	0.7	0.5
EU	-3.1	-1.9	-0.4	-0.7	0.5	0.6
Belgium	-9.1	-1.8	-2.2	-0.7	-0.6	1.2
Bulgaria	-3.2	-2.5	-2.4	-0.3	-0.1	2.1
Czechia	-1.2	-0.8	-0.3	-0.1	0.2	0.3
Denmark	0.2	-1.0	0.0	-1.1	0.4	0.5
Germany	0.3	-1.3	-0.3	-1.0	0.3	-0.2
Estonia	-1.0	-1.4	0.7	-1.6	-0.2	1.5
Ireland	-6.3	-7.4	4.0	-8.1	3.7	1.5
Greece	0.1	-2.4	0.4	0.9	2.0	1.4
Spain	-1.9	-1.5	0.9	-0.2	1.3	1.5
France	-5.1	-1.5	-1.1	-0.4	0.7	0.7
Croatia	-1.8	-1.7	1.3	1.3	0.8	0.5
Italy	-6.5	-3.1	-0.4	0.0	0.7	0.8
Cyprus	-0.1	-0.8	0.1	-0.8	-0.1	-0.3
Latvia	-3.3	-2.2	-2.4	2.0	-0.5	1.5
Lithuania	-3.0	-2.4	-0.2	0.6	1.0	1.5
Luxembourg	-1.3	-0.8	-1.0	-1.3	-0.2	28.5
Hungary	-0.6	-2.0	-2.5	0.4	0.4	1.8
Malta	-0.3	0.3	-0.2	0.0	-0.1	0.0
Netherlands	-5.6	-2.6	-1.0	-2.5	1.6	1.6
Austria	-2.7	-1.9	-1.3	-0.9	0.6	0.4
Poland	-1.7	-1.9	-0.5	-1.3	-0.2	-0.3
Portugal	-1.3	-1.3	0.2	0.0	0.5	0.2
Romania	-4.9	-2.7	-0.9	0.8	-1.3	2.6
Slovenia	0.1	-0.7	-0.5	0.1	-0.7	0.3
Slovakia	-2.8	-2.2	-0.6	1.7	-0.3	0.6
Finland	-1.9	-3.0	0.6	-0.6	2.4	-0.9
Sweden	-1.6	-2.4	1.2	-1.8	0.0	0.1
Norway	-0.2	-1.5	0.1	-0.3	0.8	0.4
Switzerland	0.0	1.1	0.3	0.1	0.1	0.0

Source dataset: [sts_inppd_m](#)

Industrial producer prices on the domestic market

% change compared with same month of the previous year

	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23
Euro area						
Total industry	0.9	-1.6	-3.4	-7.6	-11.5	-12.4
Total industry excluding energy	5.1	3.4	2.5	1.5	1.0	0.5
Intermediate goods	1.2	-1.5	-2.8	-4.0	-4.5	-4.8
Energy	-9.2	-13.5	-16.5	-24.3	-30.6	-31.3
Capital goods	6.2	5.7	5.3	4.7	4.4	3.9
Durable consumer goods	7.3	6.7	5.9	5.1	4.7	4.3
Non-durable consumer goods	11.0	9.7	8.9	7.6	6.6	5.5
EU						
Total industry	2.1	-0.5	-2.4	-6.6	-10.5	-11.2
Total industry excluding energy	5.3	3.5	2.7	1.5	0.9	0.4
Intermediate goods	1.4	-1.3	-2.7	-3.9	-4.4	-4.7
Energy	-5.9	-10.6	-14.0	-21.6	-28.3	-28.5
Capital goods	6.2	5.5	5.2	4.5	4.2	3.8
Durable consumer goods	7.0	6.5	5.6	4.6	4.1	3.7
Non-durable consumer goods	11.4	9.9	9.0	7.6	6.6	5.4

Source dataset: [sts_inppd_m](#)

Total industry	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23
Euro area	0.9	-1.6	-3.4	-7.6	-11.5	-12.4
EU	2.1	-0.5	-2.4	-6.6	-10.5	-11.2
Belgium	-6.8	-9.6	-12.4	-12.8	-16.6	-18.0
Bulgaria	-4.7	-7.0	-11.4	-18.1	-27.2	-32.0
Czechia	6.4	3.6	1.9	1.4	1.8	0.8
Denmark	3.6	0.9	-1.4	-4.4	-10.4	-8.4
Germany	4.8	1.6	0.5	-5.8	-12.5	-14.7
Estonia	2.0	-4.6	-6.2	-8.2	-10.9	-5.9
Ireland	-21.4	-9.7	-17.1	-39.5	-51.2	-38.9
Greece	-13.1	-10.6	-7.2	-5.9	-8.3	-4.7
Spain	-4.5	-6.8	-8.0	-8.7	-9.9	-8.6
France	7.0	5.7	3.1	0.7	-1.4	-1.7
Croatia	9.1	3.7	4.2	3.6	4.0	1.5
Italy	-3.5	-6.8	-8.2	-13.8	-16.1	-18.3
Cyprus	12.5	4.1	3.7	-3.6	-4.0	-2.9
Latvia	21.0	11.5	3.2	-3.0	-14.8	-13.3
Lithuania	5.7	-1.7	-6.8	-6.1	-6.6	-7.5
Luxembourg	9.4	3.9	4.8	-3.8	-2.3	23.8
Hungary	41.7	36.3	29.5	18.8	7.8	7.1
Malta	1.9	1.9	1.5	1.2	1.1	0.8
Netherlands	-2.9	-4.6	-7.9	-13.3	-15.2	-11.7
Austria	6.9	4.7	1.9	-1.4	-3.2	-5.7
Poland	8.4	5.0	2.2	-0.6	-2.3	-2.5
Portugal	-3.1	-5.5	-7.5	-6.0	-5.1	-5.1
Romania	15.1	11.4	6.3	0.4	-4.2	-1.0
Slovenia	13.3	9.2	7.4	6.8	3.8	3.1
Slovakia	18.2	21.0	18.2	17.8	9.8	1.4
Finland	3.5	-4.8	-7.9	-8.6	-8.0	-8.9
Sweden	0.6	-3.7	-4.8	-5.4	-9.3	-9.6
Norway	10.8	6.0	4.2	3.7	0.1	-0.1
Switzerland	4.7	4.8	4.4	4.1	3.8	3.8

Source dataset: [sts_inppd_m](#)

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

	09-20	09-21	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23	07-23	08-23	09-23
Euro area	101.7	118.1	167.5	162.4	160.8	162.6	157.7	156.5	154.4	149.3	146.4	145.8	144.9	145.9	146.7
EU	102.5	119.2	168.5	164.1	162.7	164.6	160.5	159.2	157.2	152.4	149.5	148.9	147.9	148.7	149.6
Belgium	110.1	138.1	206.4	212.1	207.9	208.4	202.2	195.8	194.2	176.5	173.4	169.5	168.3	167.3	169.3
Bulgaria	108.8	130.9	233.2	212.7	185.9	197.1	188.8	173.8	169.3	163.9	159.8	155.9	155.5	155.4	158.6
Czechia	103.0	113.2	142.4	143.2	141.7	140.2	148.4	147.9	146.4	144.7	143.6	143.1	142.9	143.2	143.6
Denmark	103.9	139.6	204.1	192.9	192.4	197.0	192.5	190.9	188.6	188.9	187.1	187.1	185.1	185.9	186.9
Germany	103.7	117.5	172.6	165.3	158.8	158.2	154.9	152.8	150.4	150.9	148.9	148.5	147.0	147.5	147.2
Estonia	107.2	139.2	181.2	179.5	181.9	183.4	175.8	175.6	174.0	172.2	169.8	171.0	168.2	167.9	170.5
Ireland	94.9	173.6	225.7	152.4	156.0	223.4	167.1	165.7	158.0	148.0	137.0	142.5	131.0	135.9	138.0
Greece	96.8	113.5	144.4	158.3	148.8	147.7	149.7	144.8	134.3	134.5	131.3	131.8	133.0	135.7	137.6
Spain	99.4	123.1	166.9	163.0	159.2	156.6	153.0	156.5	152.5	149.6	147.4	148.7	148.4	150.3	152.5
France	100.3	112.2	144.5	144.2	145.2	147.0	151.0	149.5	152.2	144.4	142.3	140.7	140.1	141.1	142.1
Croatia	98.0	111.6	145.3	146.7	148.1	144.2	145.4	146.4	147.2	144.5	142.0	143.8	145.6	146.7	147.5
Italy	99.5	115.0	175.8	167.6	173.2	179.8	162.0	160.0	156.8	146.6	142.1	141.5	141.5	142.5	143.7
Cyprus	99.5	113.0	146.6	146.8	144.6	144.9	145.4	145.8	145.3	145.1	143.9	144.1	143.0	142.9	142.4
Latvia	104.2	125.9	205.2	201.4	203.4	208.7	194.8	192.6	187.2	181.0	177.0	172.7	176.2	175.3	178.0
Lithuania	97.4	115.1	170.3	173.8	170.4	166.3	165.9	166.6	161.7	156.9	153.2	152.9	153.8	155.3	157.6
Luxembourg	96.8	114.5	145.6	146.5	142.7	143.4	146.5	146.7	147.0	145.1	143.9	142.4	140.5	140.2	180.2
Hungary	113.6	136.3	228.3	242.4	245.6	248.4	256.5	253.1	250.8	249.3	244.2	238.2	239.1	240.0	244.4
Malta	104.1	106.2	116.5	116.9	117.3	117.2	117.5	117.6	117.6	117.3	117.7	117.5	117.5	117.4	117.4
Netherlands	103.4	125.4	171.1	164.2	164.7	165.1	170.0	169.4	164.7	155.5	151.5	150.0	146.3	148.6	151.0
Austria	99.9	112.1	147.9	148.4	146.1	146.2	153.5	150.1	147.9	143.9	141.1	139.2	138.0	138.8	139.4
Poland	108.0	121.9	161.9	163.4	163.2	165.2	169.8	168.3	167.5	164.7	161.6	160.8	158.7	158.4	157.9
Portugal	100.0	115.4	136.7	136.0	136.3	132.2	132.0	135.6	131.9	130.2	128.5	128.8	128.8	129.4	129.7
Romania	110.2	134.3	218.8	224.4	226.6	228.9	233.0	232.7	231.5	220.2	214.2	212.2	214.0	211.2	216.7
Slovenia	104.6	114.0	143.3	143.7	142.5	143.3	145.4	149.3	149.6	149.8	148.8	148.1	148.3	147.2	147.7
Slovakia	105.5	114.5	186.4	187.7	166.0	161.9	178.8	199.3	195.9	190.5	186.4	185.2	188.4	187.9	189.0
Finland	101.6	120.0	149.6	146.0	147.3	148.5	143.2	142.0	141.2	138.5	134.3	135.1	134.3	137.5	136.3
Sweden	109.9	127.5	153.7	149.7	153.8	160.6	147.7	146.0	145.6	143.3	139.8	141.5	138.9	138.9	139.0
Norway	112.9	132.8	169.3	164.9	167.8	171.1	167.5	169.0	170.5	170.1	167.6	167.8	167.3	168.6	169.2
Switzerland	99.5	101.9	109.9	110.3	110.4	110.2	111.4	112.0	112.4	112.4	113.6	113.9	114.0	114.1	114.1

Source dataset: [sts_inppd_m](#)

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

	09-20	09-21	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23	07-23	08-23	09-23
Euro area	103.6	112.0	128.1	128.8	128.9	128.8	130.3	130.7	130.9	130.7	130.2	129.7	129.1	128.9	128.8
EU	104.3	113.0	130.0	130.7	130.8	130.7	132.2	132.5	132.7	132.5	131.9	131.5	130.8	130.6	130.5
Belgium	105.9	121.5	146.0	146.2	146.5	147.7	148.2	149.2	148.8	148.6	147.3	145.7	143.6	143.3	143.5
Bulgaria	107.4	118.1	147.8	148.4	147.9	148.2	149.6	149.9	152.7	152.1	151.1	150.1	149.4	150.1	150.1
Czechia	103.0	112.6	130.4	131.3	131.2	130.4	132.6	133.2	133.1	132.3	131.8	131.2	130.6	130.1	130.2
Denmark	104.4	110.2	125.1	126.0	126.0	126.3	128.1	129.2	129.2	129.7	129.6	129.4	128.8	128.3	127.9
Germany	105.0	112.8	129.2	129.9	129.9	129.8	131.7	132.2	132.3	132.3	131.9	131.6	131.3	130.9	130.6
Estonia	104.8	122.9	141.2	141.6	142.5	143.3	143.1	142.5	142.7	142.8	142.6	142.7	140.6	139.7	139.5
Ireland	100.1	103.4	114.3	115.4	115.6	115.7	117.6	117.7	116.8	116.7	115.7	115.1	113.6	113.3	112.6
Greece	100.0	103.1	110.7	111.9	112.5	112.7	113.7	113.8	114.0	114.3	114.3	114.8	114.8	115.1	115.1
Spain	102.9	111.9	127.5	128.1	128.3	128.1	129.9	130.3	130.7	130.4	130.1	129.6	129.2	129.4	129.6
France	101.5	108.3	123.4	124.1	124.5	124.5	126.1	126.5	127.3	127.1	126.4	126.1	125.5	125.3	125.1
Croatia	99.4	102.5	114.3	115.2	115.1	116.0	116.9	116.6	117.2	117.1	117.3	117.6	117.6	117.7	117.6
Italy	103.2	111.2	125.6	126.3	126.4	126.3	126.8	127.0	127.0	127.0	126.4	126.0	125.3	125.3	125.1
Cyprus	102.6	108.6	124.4	124.9	125.4	126.0	126.7	127.3	127.8	127.8	127.8	127.8	127.9	127.8	127.6
Latvia	108.9	125.4	158.6	161.0	161.8	161.7	161.4	159.1	158.7	156.6	155.4	154.2	154.8	153.8	154.2
Lithuania	102.1	110.3	142.7	143.1	142.8	143.2	144.5	142.1	140.4	139.5	138.6	136.9	136.3	135.8	135.8
Luxembourg	105.3	128.4	151.3	149.3	143.4	143.4	139.2	139.3	139.7	138.5	137.0	134.4	131.8	131.5	132.1
Hungary	120.0	133.6	176.3	180.8	182.2	183.3	184.8	185.6	185.9	184.3	183.3	181.0	181.8	182.3	182.7
Malta	109.7	113.4	131.2	131.9	132.4	132.4	133.3	133.4	133.5	133.0	133.7	133.3	133.4	133.2	133.2
Netherlands	106.3	120.6	143.7	144.5	143.8	142.7	145.0	144.8	144.5	143.1	142.1	140.8	139.5	139.9	140.2
Austria	103.8	111.6	123.3	123.5	123.4	123.7	126.1	126.1	126.6	126.7	126.7	126.5	125.9	125.7	125.6
Poland	107.6	119.0	143.3	144.2	143.8	143.6	143.9	143.3	143.5	142.8	141.1	140.0	137.7	136.8	137.0
Portugal	102.3	110.0	131.2	132.1	132.5	132.5	133.9	133.4	132.9	132.1	131.1	129.7	129.1	128.6	127.7
Romania	113.2	127.6	151.7	153.2	154.0	154.4	156.1	155.0	156.1	156.3	156.1	155.7	155.3	155.1	155.2
Slovenia	103.4	113.6	133.8	134.5	135.1	135.6	137.3	138.4	139.0	139.4	139.0	138.2	138.4	137.4	137.5
Slovakia	102.3	109.8	126.1	126.5	126.9	126.9	130.3	130.0	130.8	129.7	128.3	128.9	128.6	127.3	126.9
Finland	102.4	117.0	134.1	134.4	133.9	133.6	133.1	134.0	133.9	133.6	132.9	132.9	132.1	131.4	130.8
Sweden	110.5	124.5	140.0	140.2	140.7	140.6	143.4	143.9	144.2	144.6	144.4	144.6	145.0	144.3	145.0
Norway	107.8	112.6	129.0	130.2	132.1	132.5	133.6	135.4	136.4	135.7	137.1	138.1	138.0	138.0	137.9
Switzerland	100.3	102.2	107.7	108.0	108.0	108.3	108.6	108.9	109.4	109.7	109.7	110.0	110.1	110.0	110.0

Source dataset: [sts_inppd_m](#)