

110/2023 - 4 October 2023

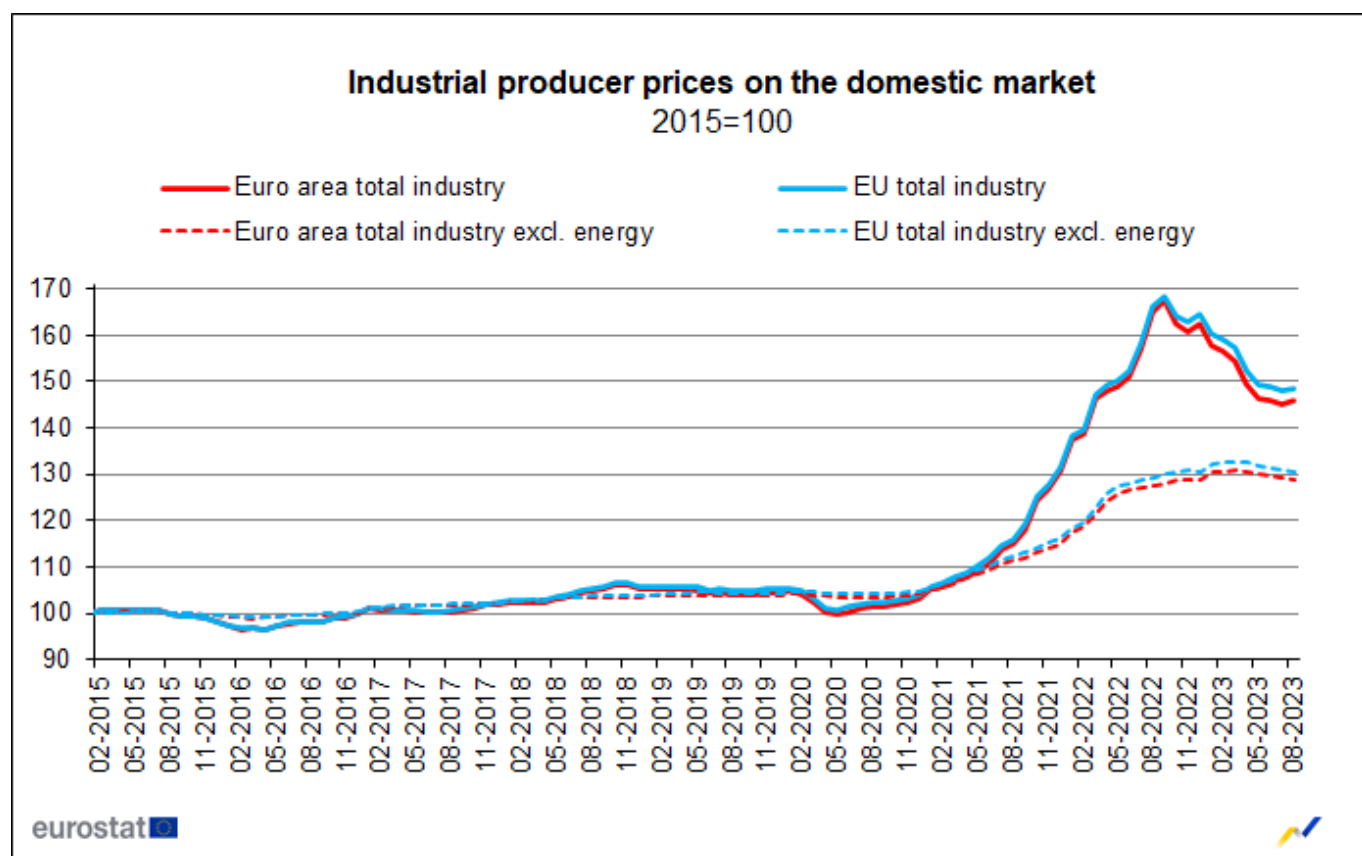
August 2023 compared with July 2023

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

Down by 11.5% in the euro area and by 10.5% in the EU compared with August 2022

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

In August 2023, compared with August 2022, industrial producer prices decreased by 11.5% in the **euro area** and by 10.5% in the **EU**.



Monthly comparison by main industrial grouping and by Member State

Industrial producer prices in the **euro area** in August 2023, compared with July 2023, increased by 2.5% in the energy sector, while prices remained stable for capital goods and for non-durable consumer goods, and prices decreased by 0.1% for durable consumer goods and by 0.4% for intermediate goods. Prices in total industry excluding energy decreased by 0.2%.

In the **EU**, industrial producer prices increased by 2.2% in the energy sector, while prices remained stable for durable consumer goods and for non-durable consumer goods, and prices decreased by 0.1% for capital goods and by 0.4% for intermediate goods. Prices in total industry excluding energy decreased by 0.2%.

The biggest monthly increases in industrial producer prices were observed in **Ireland** (+3.7%), **Finland** (+2.4%) and **Greece** (+2.0%), while the largest decreases were recorded in **Romania** (-1.3%), **Slovenia** (-0.7%) and **Belgium** (-0.6%).

Annual comparison by main industrial grouping and by Member State

Industrial producer prices in the **euro area** in August 2023, compared with August 2022, decreased by 30.6% in the energy sector and by 4.5% for intermediate goods, while prices increased by 4.3% for capital goods, by 4.7% for durable consumer goods and by 6.7% for non-durable consumer goods. Prices in total industry excluding energy increased by 1.0%.

In the **EU**, industrial producer prices decreased by 28.3% in the energy sector and by 4.5% for intermediate goods, while prices increased by 4.1% for capital goods and for durable consumer goods and by 6.7% for non-durable consumer goods. Prices in total industry excluding energy increased by 0.9%.

The largest decreases in industrial producer prices were observed in **Ireland** (-51.2%), **Bulgaria** (-27.2%) and **Belgium** (-16.6%). The highest annual increases were recorded in **Slovakia** (+9.8%), **Hungary** (+7.8%) and **Croatia** (+4.0%).

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 98/2023 of 5 September 2023, the monthly percentage decrease for July 2023 remained unchanged at -0.5% in the euro area and changed from -0.6% to -0.7% in the EU. The annual percentage decrease remained unchanged at -7.6% in the euro area and at -6.6% 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

	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23
Euro area						
Total industry	-1.3	-3.3	-1.9	-0.4	-0.5	0.6
Total industry excluding energy	0.2	-0.2	-0.4	-0.4	-0.4	-0.2
Intermediate goods	-0.4	-0.7	-1.0	-0.8	-1.2	-0.4
Energy	-4.1	-10.3	-5.2	-0.4	-0.9	2.5
Capital goods	0.2	0.5	0.1	0.1	0.2	0.0
Durable consumer goods	0.3	0.2	0.3	0.0	0.2	-0.1
Non-durable consumer goods	0.9	0.3	0.0	-0.1	0.0	0.0
EU						
Total industry	-1.3	-3.1	-1.9	-0.4	-0.7	0.5
Total industry excluding energy	0.2	-0.2	-0.5	-0.4	-0.4	-0.2
Intermediate goods	-0.4	-0.8	-1.0	-0.8	-1.2	-0.4
Energy	-3.9	-9.1	-5.1	-0.4	-1.0	2.2
Capital goods	0.2	0.4	0.0	0.1	0.2	-0.1
Durable consumer goods	0.2	0.2	0.2	0.0	-0.1	0.0
Non-durable consumer goods	0.9	0.4	-0.1	-0.1	-0.1	0.0

Source dataset: [sts_inppd_m](#)

Total industry	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23
Euro area	-1.3	-3.3	-1.9	-0.4	-0.5	0.6
EU	-1.3	-3.1	-1.9	-0.4	-0.7	0.5
Belgium	-0.8	-9.1	-1.8	-2.2	-0.7	-0.6
Bulgaria	-2.6	-3.2	-2.5	-2.4	-0.3	-0.1
Czechia	-1.0	-1.2	-0.8	-0.3	-0.1	0.2
Denmark	-1.2	0.2	-1.0	0.0	-1.1	0.4
Germany	-1.6	0.3	-1.3	-0.3	-1.0	0.3
Estonia	-0.9	-1.0	-1.4	0.7	-1.6	-0.2
Ireland	-4.6	-6.3	-7.4	4.0	-8.1	3.7
Greece	-7.3	0.1	-2.4	0.4	0.9	2.0
Spain	-2.6	-1.9	-1.5	0.9	-0.2	1.2
France	1.8	-5.1	-1.5	-1.1	-0.3	0.6
Croatia	0.5	-1.8	-1.7	1.3	1.3	0.8
Italy	-2.0	-6.5	-3.1	-0.4	0.0	0.7
Cyprus	-0.3	-0.1	-0.8	0.1	-1.1	-0.1
Latvia	-2.8	-3.3	-2.2	-2.4	2.0	-0.5
Lithuania	-2.9	-3.0	-2.4	-0.2	0.6	1.1
Luxembourg	0.2	-1.6	-0.5	-1.1	-0.9	0.0
Hungary	-0.9	-0.6	-2.0	-2.5	0.4	0.4
Malta	0.0	-0.3	0.3	-0.2	0.0	-0.1
Netherlands	-2.8	-5.6	-2.6	-1.1	-2.3	1.6
Austria	-1.5	-2.7	-1.9	-1.3	-0.9	0.7
Poland	-0.5	-1.7	-1.9	-0.5	-1.3	-0.2
Portugal	-2.7	-1.3	-1.3	0.2	0.0	1.0
Romania	-0.5	-4.9	-2.7	-0.9	0.8	-1.3
Slovenia	0.2	0.1	-0.7	-0.5	0.1	-0.7
Slovakia	-1.7	-2.8	-2.2	-0.6	1.7	-0.3
Finland	-0.6	-1.9	-3.0	0.6	-0.6	2.4
Sweden	-0.3	-1.6	-2.4	1.2	-1.8	0.0
Norway	0.9	-0.2	-1.5	0.1	-0.3	0.8
Switzerland	0.4	0.0	1.1	0.3	0.1	0.1

Source dataset: [sts_inppd_m](#)

Industrial producer prices on the domestic market

% change compared with same month of the previous year

	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23
Euro area						
Total industry	5.5	0.9	-1.6	-3.4	-7.6	-11.5
Total industry excluding energy	8.1	5.1	3.4	2.5	1.6	1.0
Intermediate goods	5.8	1.2	-1.5	-2.8	-4.0	-4.5
Energy	0.0	-9.2	-13.5	-16.4	-24.2	-30.6
Capital goods	6.7	6.2	5.7	5.3	4.7	4.3
Durable consumer goods	8.2	7.3	6.7	5.9	5.1	4.7
Non-durable consumer goods	13.5	11.0	9.7	8.9	7.6	6.7
EU						
Total industry	6.7	2.1	-0.5	-2.4	-6.6	-10.5
Total industry excluding energy	8.4	5.3	3.5	2.6	1.6	0.9
Intermediate goods	6.2	1.4	-1.3	-2.7	-3.9	-4.5
Energy	2.3	-5.9	-10.6	-14.0	-21.5	-28.3
Capital goods	6.8	6.2	5.5	5.1	4.5	4.1
Durable consumer goods	8.1	7.0	6.5	5.6	4.6	4.1
Non-durable consumer goods	14.1	11.4	9.9	9.0	7.6	6.7

Source dataset: [sts_inppd_m](#)

Total industry	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23
Euro area	5.5	0.9	-1.6	-3.4	-7.6	-11.5
EU	6.7	2.1	-0.5	-2.4	-6.6	-10.5
Belgium	5.0	-6.8	-9.6	-12.4	-12.8	-16.6
Bulgaria	2.5	-4.7	-7.0	-11.4	-18.1	-27.2
Czechia	10.2	6.4	3.6	1.9	1.4	1.8
Denmark	4.7	3.6	0.9	-1.4	-4.4	-10.4
Germany	7.3	4.8	1.6	0.5	-5.8	-12.5
Estonia	5.9	2.0	-4.6	-6.2	-8.2	-10.9
Ireland	-29.9	-21.4	-9.7	-17.1	-39.5	-51.2
Greece	-10.8	-13.1	-10.6	-7.2	-5.9	-8.3
Spain	-1.4	-4.5	-6.8	-8.0	-8.7	-10.0
France	12.7	7.0	5.7	3.1	0.9	-1.3
Croatia	14.0	9.1	3.7	4.2	3.6	4.0
Italy	3.0	-3.5	-6.8	-8.2	-13.8	-16.1
Cyprus	15.5	12.5	4.1	3.7	-3.9	-4.3
Latvia	26.1	21.0	11.5	3.2	-3.0	-14.8
Lithuania	11.6	5.7	-1.7	-6.8	-6.1	-6.4
Luxembourg	17.8	9.0	3.9	4.7	-3.4	-1.7
Hungary	48.1	41.7	36.3	29.5	18.8	7.8
Malta	3.2	1.9	1.9	1.5	1.2	1.1
Netherlands	7.3	-2.9	-4.6	-8.0	-13.3	-15.1
Austria	11.5	6.9	4.7	1.9	-1.4	-3.1
Poland	14.3	8.4	5.0	2.2	-0.6	-2.3
Portugal	-4.0	-3.1	-5.5	-7.5	-6.0	-4.5
Romania	17.4	15.1	11.4	6.3	0.4	-4.1
Slovenia	16.9	13.3	9.2	7.4	6.8	3.8
Slovakia	32.9	18.2	21.0	18.2	17.8	9.8
Finland	6.4	3.5	-4.8	-7.9	-8.6	-8.0
Sweden	3.0	0.6	-3.7	-4.8	-5.4	-9.3
Norway	13.3	10.8	6.0	4.2	3.7	0.1
Switzerland	6.1	4.7	4.8	4.4	4.1	3.8

Source dataset: [sts_inppd_m](#)

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

	08-20	08-21	08-22	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23	07-23	08-23
Euro area	101.3	115.0	164.9	167.5	162.4	160.8	162.6	157.7	156.5	154.4	149.3	146.4	145.8	145.0	145.9
EU	102.2	116.0	166.1	168.5	164.1	162.7	164.6	160.5	159.2	157.2	152.4	149.5	148.9	147.9	148.7
Belgium	109.6	135.8	200.7	206.4	212.1	207.9	208.4	202.2	195.8	194.2	176.5	173.4	169.5	168.3	167.3
Bulgaria	108.4	126.9	213.6	233.2	212.7	185.9	197.1	188.8	173.8	169.3	163.9	159.8	155.9	155.5	155.4
Czechia	102.8	112.4	140.7	142.4	143.2	141.7	140.2	148.4	147.9	146.4	144.7	143.6	143.1	142.9	143.2
Denmark	104.0	128.8	207.4	204.1	192.9	192.4	197.0	192.5	190.9	188.6	188.9	187.1	187.1	185.1	185.9
Germany	103.4	114.7	168.5	172.6	165.3	158.8	158.2	154.9	152.8	150.4	150.9	148.9	148.5	147.0	147.5
Estonia	108.1	132.2	188.5	181.2	179.5	181.9	183.4	175.8	175.6	174.0	172.2	169.8	171.0	168.2	167.9
Ireland	91.0	140.9	278.2	225.7	152.4	156.0	223.4	167.1	165.7	158.0	148.0	137.0	142.5	131.0	135.9
Greece	97.1	107.3	148.0	144.4	158.3	148.8	147.7	149.7	144.8	134.3	134.5	131.3	131.8	133.0	135.7
Spain	99.1	116.8	166.9	166.9	163.0	159.2	156.6	153.0	156.5	152.5	149.6	147.4	148.7	148.4	150.2
France	100.0	110.3	143.1	144.5	144.2	145.2	147.0	151.0	149.5	152.2	144.4	142.3	140.7	140.3	141.2
Croatia	98.0	108.1	141.1	145.3	146.7	148.1	144.2	145.4	146.4	147.2	144.5	142.0	143.8	145.6	146.7
Italy	99.2	112.9	169.9	175.8	167.6	173.2	179.8	162.0	160.0	156.8	146.6	142.1	141.5	141.5	142.5
Cyprus	99.4	111.6	148.8	146.6	146.8	144.6	144.9	145.4	145.8	145.3	145.1	143.9	144.1	142.5	142.4
Latvia	103.9	120.6	205.7	205.2	201.4	203.4	208.7	194.8	192.6	187.2	181.0	177.0	172.7	176.2	175.3
Lithuania	97.6	113.0	166.2	170.3	173.8	170.4	166.3	165.9	166.6	161.7	156.9	153.2	152.9	153.8	155.5
Luxembourg	97.0	113.7	143.5	145.6	146.5	142.7	143.4	146.5	146.7	147.0	144.6	143.9	142.3	141.0	141.0
Hungary	112.2	132.7	222.6	228.3	242.4	245.6	248.4	256.5	253.1	250.8	249.3	244.2	238.2	239.1	240.0
Malta	104.0	105.8	116.1	116.5	116.9	117.3	117.2	117.5	117.6	117.6	117.3	117.7	117.5	117.5	117.4
Netherlands	102.5	122.4	175.2	171.1	164.2	164.7	165.1	170.0	169.4	164.7	155.5	151.5	149.9	146.4	148.7
Austria	99.7	110.0	143.4	147.9	148.4	146.1	146.2	153.5	150.1	147.9	143.9	141.1	139.2	138.0	138.9
Poland	108.1	120.5	162.1	161.9	163.4	163.2	165.2	169.8	168.3	167.5	164.7	161.6	160.8	158.7	158.4
Portugal	100.2	112.0	136.3	136.7	136.0	136.3	132.2	132.0	135.6	131.9	130.2	128.5	128.8	128.8	130.1
Romania	110.2	129.0	220.4	218.8	224.4	226.6	228.9	233.0	232.7	231.5	220.2	214.2	212.2	214.0	211.3
Slovenia	104.6	113.1	141.8	143.3	143.7	142.5	143.3	145.4	149.3	149.6	149.8	148.8	148.1	148.3	147.2
Slovakia	105.4	112.8	171.2	186.4	187.7	166.0	161.9	178.8	199.3	195.9	190.5	186.4	185.2	188.4	187.9
Finland	102.4	117.4	149.4	149.6	146.0	147.3	148.5	143.2	142.0	141.2	138.5	134.3	135.1	134.3	137.5
Sweden	109.7	124.6	153.2	153.7	149.7	153.8	160.6	147.7	146.0	145.6	143.3	139.8	141.5	138.9	138.9
Norway	111.8	129.7	168.4	169.3	164.9	167.8	171.1	167.5	169.0	170.5	170.1	167.6	167.8	167.3	168.6
Switzerland	99.5	101.9	109.9	109.9	110.3	110.4	110.2	111.4	112.0	112.4	112.4	113.6	113.9	114.0	114.1

Source dataset: [sts_inppd_m](#)

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

	08-20	08-21	08-22	09-22	10-22	11-22	12-22	01-23	02-23	03-23	04-23	05-23	06-23	07-23	08-23
Euro area	103.5	111.3	127.6	128.1	128.8	128.9	128.8	130.3	130.7	130.9	130.7	130.2	129.7	129.2	128.9
EU	104.2	112.3	129.4	130.0	130.7	130.8	130.7	132.2	132.5	132.7	132.5	131.9	131.4	130.9	130.6
Belgium	105.8	120.0	147.3	146.0	146.2	146.5	147.7	148.2	149.2	148.8	148.6	147.3	145.7	143.6	143.3
Bulgaria	107.0	117.6	145.9	147.8	148.4	147.9	148.2	149.6	149.9	152.7	152.1	151.1	150.1	149.4	150.1
Czechia	102.4	111.9	130.2	130.4	131.3	131.2	130.4	132.6	133.2	133.1	132.3	131.8	131.2	130.6	130.1
Denmark	104.7	110.3	124.6	125.1	126.0	126.0	126.3	128.1	129.2	129.2	129.7	129.6	129.4	128.8	128.3
Germany	105.0	112.3	128.6	129.2	129.9	129.9	129.8	131.7	132.2	132.3	132.3	131.9	131.6	131.3	130.9
Estonia	105.4	122.5	142.7	141.2	141.6	142.5	143.3	143.1	142.5	142.7	142.8	142.6	142.7	140.6	139.7
Ireland	99.8	102.8	113.9	114.3	115.4	115.6	115.7	117.6	117.7	116.8	116.7	115.7	115.1	113.6	113.3
Greece	100.0	102.7	109.9	110.7	111.9	112.5	112.7	113.7	113.8	114.0	114.3	114.3	114.8	114.8	115.1
Spain	102.8	111.3	127.4	127.5	128.1	128.3	128.1	129.9	130.3	130.7	130.4	130.1	129.6	129.2	129.4
France	101.3	107.8	123.0	123.4	124.1	124.5	124.5	126.1	126.5	127.3	127.1	126.4	126.0	125.6	125.2
Croatia	99.5	102.2	113.5	114.3	115.2	115.1	116.0	116.9	116.6	117.2	117.1	117.3	117.6	117.6	117.7
Italy	103.1	110.2	124.5	125.6	126.3	126.4	126.3	126.8	127.0	127.0	127.0	126.4	126.0	125.3	125.3
Cyprus	102.6	108.1	123.6	124.4	124.9	125.4	126.0	126.7	127.3	127.8	127.8	127.8	127.8	127.9	127.8
Latvia	108.8	124.0	155.9	158.6	161.0	161.8	161.7	161.4	159.1	158.7	156.6	155.4	154.2	154.8	153.8
Lithuania	102.1	108.9	141.4	142.7	143.1	142.8	143.2	144.5	142.1	140.4	139.5	138.6	136.9	136.3	135.8
Luxembourg	105.6	127.3	148.0	151.3	149.3	143.4	143.4	139.2	139.3	139.7	137.8	137.0	134.3	132.1	132.1
Hungary	119.0	132.4	172.9	176.3	180.8	182.2	183.3	184.8	185.6	185.9	184.3	183.3	181.0	181.8	182.3
Malta	109.7	112.8	130.7	131.2	131.9	132.4	132.4	133.3	133.4	133.5	133.0	133.7	133.3	133.4	133.2
Netherlands	106.2	119.9	144.1	143.7	144.5	143.8	142.7	145.0	144.8	144.5	143.2	142.1	140.8	139.5	140.0
Austria	103.9	111.3	123.1	123.3	123.5	123.4	123.7	126.1	126.1	126.6	126.7	126.7	126.5	125.9	125.8
Poland	107.4	118.0	142.1	143.3	144.2	143.8	143.6	143.9	143.3	143.5	142.8	141.1	140.0	137.7	136.8
Portugal	102.4	109.4	129.8	131.2	132.1	132.5	132.5	133.9	133.4	132.9	132.1	131.1	129.7	129.1	128.6
Romania	113.4	125.6	150.6	151.7	153.2	154.0	154.4	156.1	155.0	156.1	156.3	156.1	155.7	155.3	155.1
Slovenia	103.3	112.7	133.0	133.8	134.5	135.1	135.6	137.3	138.4	139.0	139.4	139.0	138.2	138.4	137.4
Slovakia	102.4	108.1	125.2	126.1	126.5	126.9	126.9	130.3	130.0	130.8	129.7	128.3	128.9	128.6	127.3
Finland	102.6	115.3	134.2	134.1	134.4	133.9	133.6	133.1	134.0	133.9	133.6	132.9	132.9	132.1	131.4
Sweden	110.5	123.6	139.6	140.0	140.2	140.7	140.6	143.4	143.9	144.2	144.6	144.4	144.6	145.0	144.3
Norway	107.3	112.1	128.6	129.0	130.2	132.1	132.5	133.6	135.4	136.4	135.7	137.1	138.1	138.0	138.0
Switzerland	100.2	102.1	107.5	107.7	108.0	108.0	108.3	108.6	108.9	109.4	109.7	109.7	110.0	110.1	110.0

Source dataset: sts_inppd_m