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DOMESTIC PRODUCER PRICE INDEX CALCULATIONS, 2017

The domestic producer price index (D-PPI) is a price index that measures the price changes of domestic sales of the products produced in the country's economy over time. The producer price index with the 2003 = 100 base year, which started in 2005, has been published as the domestic producer price index since 2014. For the D-PPI which is calculated by using the chain-linking index method in accordance with international norms and standards, activity-based product groups (CPAs), index weights and responding firms are updated every year and the updates are shared on the official webpage.

D-PPI weights at the section and division levels are calculated from the national accounts system, while the weights at the product group and firm levels are calculated from the data set compiled from the industrial production survey. For 2017, the new system of national accounts was used to calculate weights at section and division levels.

For producing the D-PPI, the sale prices of products that are included in the scope of domestic production are collected for 5th, 15th and 25th days of each month excluding the indirect taxes, VAT, SCT etc. For some products, weighted average prices are followed to cover the whole month.

In 2017, a total of 44 products were added to the D-PPI index coverage, one from the mining and quarrying sector and the others from the manufacturing industry sector. The number of products, firms and prices that are covered in index calculations for 2016 and 2017 are given in the table below.

Table 1. Numerical Information Related to Domestic Producer Price Index Scope

Main Sectors	2016			2017		
	Number of products	Number of firms	Number of prices	Number of products	Number of firms	Number of prices
Mining and quarrying	19	105	159	20	121	203
Manufacturing	483	2 065	5 495	526	2 524	7 005
Electricity, gas	2	15	22	2	25	34
Water supply	1	39	125	1	39	125
Total	505	2 224	5 801	549	2 709	7 367

For the year 2017, weights at the section level were calculated from the new national accounts system. The table below provides a comparison of the weights for the years 2016 and 2017 based on the NACE Rev 2. classification.

Table 2. Domestic Producer Price Index Weights at Section Level, 2016-2017

Code	Section Definition	2016	2017
B	Mining and quarrying	3.50	3.36
C	Manufacturing	87.28	88.79
D	Electricity, gas	8.13	6.81
E	Water supply	1.08	1.03

Note: Totals may not sum up to 100 because of rounding.

The weight structure according to the classification of the main industrial groupings is presented comparatively with the table below.

Table 3. Domestic Producer Price Index Main Industrial Group Weights, 2016-2017

Code	Main Industrial Group	2016	2017
ING	Intermediate goods	41.64	44.46
DCOG	Durable consumer goods	6.44	4.88
NDCOG	Non-durable consumer goods	26.30	27.55
NRG	Energy	13.49	11.45
CAG	Capital goods	12.12	11.66

Note: Totals may not sum up to 100 because of rounding.

The weight structure according to the division level of NACE Rev.2 is presented comparatively with the table below.

Table 4. Domestic Producer Price Index Weights at Division Level, 2016-2017

Code	Division Definition	2016	2017
05	Coal and lignite	1.04	0.68
06	Crude petroleum and natural gas	0.61	0.30
07	Metal ores	0.24	0.52
08	Other mining and quarrying products	1.62	1.86
10	Food products	20.42	18.28
11	Beverages	1.06	0.87
12	Tobacco products	0.31	0.53
13	Textiles	5.93	9.12
14	Wearing apparel	2.48	3.94
15	Leather and related products	0.80	1.23
16	Wood and products of wood and cork, except furniture	3.10	1.57
17	Paper and paper products	1.96	2.67
18	Printing and recording services	0.73	1.18
19	Coke and refined petroleum products	2.63	2.62
20	Chemicals and chemical products	4.20	4.43
21	Basic pharmaceutical products and pharmaceutic preparations	1.00	0.88
22	Rubber and plastic products	3.89	4.55
23	Other non-metallic mineral products	4.11	6.64
24	Basic metals	9.04	8.37
25	Fabricated metal products, except machinery and equipment	4.00	5.59
26	Computer, electronic and optical products	0.72	1.12
27	Electrical equipment	5.58	2.92
28	Machinery and equipment n.e.c.	4.93	3.22
29	Motor vehicles, trailers and semi-trailers	5.14	4.42
30	Other transport equipment	0.85	0.49
31	Furniture	2.70	3.14
32	Other manufactured goods	1.69	1.02
35	Electricity, gas, steam and air conditioning	8.13	6.81
36	Water; water treatment and supply services	1.08	1.03

Note: Totals may not sum up to 100 because of rounding.

44 product groups (CPAs) added to the index in 2017 are listed in the table below.

Table 5. Products Added to the Domestic Producer Price Index in 2017

Code	Product (CPA) Description
08.99.10	Bitumen and asphalt, natural; asphaltites and asphaltic rock
10.12.20	Meat of poultry, frozen
10.41.24	Sunflower-seed oil, crude
15.20.21	Tennis shoes, basketball shoes, gym shoes, training shoes and the like
16.22.10	Assembled parquet panels
16.23.11	Windows, French windows and their frames, doors and their frames and thresholds, of wood
16.23.19	Builders' joinery and carpentry, of wood, n.e.c.
16.23.20	Prefabricated wooden buildings
16.24.11	Pallets, box pallets and other load boards of wood
16.24.13	Other wooden containers and parts thereof
20.12.11	Zinc oxide and peroxide; titanium oxides
20.12.21	Synthetic organic colouring matter and preparations based thereon; synthetic organic products of a kind used as fluorescent brightening agents or as luminophores; colour lakes and preparations based thereon
20.15.31	Urea
23.62.10	Plaster products for construction purposes
23.69.19	Articles of cement, concrete or artificial stone n.e.c.
24.41.20	Gold, unwrought or in semi-manufactured forms, or in powder form
25.61.11	Metallic coating services of metal
25.61.22	Other surface treatment services of metal
25.62.10	Turning services of metal parts
25.62.20	Other machining services
25.91.11	Tanks, casks, drums, cans, boxes and similar containers, for any material (excluding gas), of iron or steel, of a capacity ≤ 50 l but ≤ 300 l, not fitted with mechanical or thermal equipment
25.91.12	Tanks, casks, drums, cans (except those to be closed by soldering or crimping), boxes and similar containers, for any material (excluding gas), of iron or steel, of a capacity < 50 l, not fitted with mechanical or thermal equipment
26.11.40	Parts of electronic valves and tubes and of other electronic components n.e.c.
26.51.52	Instruments for measuring or checking the flow, level, pressure or other variables of liquids and gases
28.12.11	Linear acting hydraulic and pneumatic motors (cylinders)
28.22.14	Derricks; cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane
28.22.16	Lifts, skip hoists, escalators and moving walkways
28.22.19	Parts of lifting and handling equipment
28.29.12	Filtering or purifying machinery and apparatus, for liquid
28.41.11	Machine tools for working metal by removal of material by laser, ultrasonic and the like
28.49.12	Machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials; electroplating machinery
28.92.12	Coal or rock cutters and tunnelling machinery; other boring and sinking machinery
28.92.62	Parts of machinery for sorting, grinding or other treatment of earth, stone and the like
29.10.59	Special-purpose motor vehicles n.e.c.
29.32.20	Safety seat belts, airbags and parts and accessories of bodies
30.20.32	Railway or tramway passenger coaches, not self-propelled; luggage vans and other specialised vans
30.20.40	Parts of railway or tramway locomotives or rolling-stock; mechanical traffic control equipment
30.30.16	Parts of turbo-jets or turbo-propellers
30.30.50	Other parts of aircraft and spacecraft
30.40.10	Motorised tanks and other armoured fighting vehicles and parts thereof
31.01.11	Metal furniture of a kind used in offices
31.01.12	Wooden furniture of a kind used in offices
31.02.10	Kitchen furniture
32.99.14	Sets of writing implements, pen- and pencil-holders and similar holders; parts thereof

Announced to the public with respect.

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