

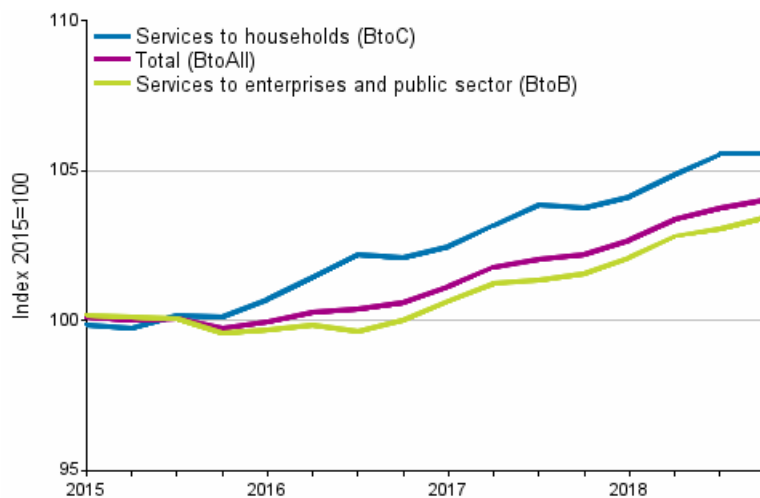
Producer Price Indices for Services

2018, 4th quarter

Producer prices for services grew by 1.8 per cent year-on-year in October to December

According to Statistics Finland, the annual change in the Producer Price Index for Services was 1.8 per cent in the fourth quarter of 2018. Compared to the previous quarter, producer prices for services rose by 0.3 per cent.

Producer Price Indices for Services 2015=100, I/2015–IV/2018



Producer prices for services were pushed up particularly by higher prices of freight transport by road and rents of dwellings from one year ago. The price increase was also affected by higher prices of food services and technical services. The rise in the prices was held back by fallen prices of renting services of construction machinery and equipment, as well as passenger transport services, for example.

Producer prices for services for enterprises and the public sector (Business to Business, BtoB) were boosted in particular by higher prices of freight transport by road and technical services from one year ago. The rise was held back by fallen prices of renting services of machinery and equipment, among other things. Producer prices for services for households (Business to Consumers, BtoC) were, in turn, pushed up

particularly by higher prices of rents of dwellings and food services from one year ago. The rise was held back by, for example, lower prices of passenger transport services.

Producer Price Indices for Services 2015=100, total (BtoAll), 4th quarter 2018

Services by activity	Point figure	Quarterly change,%	Annual change,%
TOTAL INDEX	104.0	0.3	1.8
H TRANSPORTATION AND STORAGE SERVICES	104.0	0.8	3.3
I ACCOMMODATION AND FOOD SERVICES	106.9	0.1	2.3
J INFORMATION AND COMMUNICATION SERVICES	103.9	0.9	1.3
L REAL ESTATE SERVICES	104.7	0.4	1.5
M PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	104.1	0.2	1.9
N ADMINISTRATIVE AND SUPPORT SERVICES	100.0	-1.3	-0.4
P EDUCATION SERVICES	105.4	0.1	4.3
Q HUMAN HEALTH AND SOCIAL WORK SERVICES	105.8	0.0	2.3
R ARTS, ENTERTAINMENT AND RECREATION SERVICES	103.3	0.0	-0.3
S OTHER SERVICES	103.8	0.3	1.7

Producer Price Indices for Services currently cover about 60 per cent of the market services.

Contents

Tables

Appendix tables

Appendix table 1. Producer Price Indices for Services 2015=100, total (BtoAll), 4th quarter 2018	4
Appendix table 2. Producer Price Indices for Services 2015=100, services to enterprises and public sector (BtoB), 4th quarter 2018	6
Appendix table 3. Producer Price Indices for Services 2015=100, services to households (BtoC), 4th quarter 2018	8
Appendix table 4. Producer Price Indices for Services 2010=100, services to enterprises and public sector (BtoB), 4th quarter 2018	9
Quality Description of Producer Price Index for Services.....	11

Appendix tables

Appendix table 1. Producer Price Indices for Services 2015=100, total (BtoAll), 4th quarter 2018

Services by activity (CPA 2015)	Index figure	Quarterly change,%	Annual change,%
TOTAL INDEX	104.0	0.3	1.8
H TRANSPORTATION AND STORAGE SERVICES	104.0	0.8	3.3
49 Land transport services and transport services via pipelines	103.0	2.0	2.7
49.10 Passenger rail transport services, interurban	84.9	6.4	-2.1
49.31 Urban and suburban passenger land transport services	98.6	0.0	-3.4
49.32 Taxi operation services	106.0	7.5	3.4
49.39 Other passenger land transport services n.e.c.	88.7	-1.0	-11.3
49.41 Freight transport services by road	105.9	1.2	4.8
49.5 Transport services via pipeline	104.7	0.0	0.0
50 Water transport services	100.5	-1.6	2.5
50.10 Sea and coastal passenger water transport services	93.6	-12.6	0.8
50.20 Sea and coastal freight water transport services	102.4	1.7	3.0
52 Warehousing and support services for transportation	104.7	0.7	4.2
52.10 Warehousing and storage services	112.0	0.2	5.9
52.21 Services incidental to land transportation	100.2	0.0	-1.0
52.24 Cargo handling services	97.3	0.8	0.9
52.29 Other transportation support services	104.9	0.9	4.8
53 Postal and courier services	122.7	0.3	5.8
53.10 Postal services under universal service obligation	125.1	0.1	5.9
53.20 Other postal and courier services	109.3	1.2	5.5
I ACCOMMODATION AND FOOD SERVICES	106.9	0.1	2.3
55 Accommodation services	116.6	-1.7	5.6
56 Food and beverage serving services	105.3	0.4	1.7
J INFORMATION AND COMMUNICATION SERVICES	103.9	0.9	1.3
58 Publishing services	107.0	0.9	2.0
61 Telecommunications services	103.1	2.2	0.8
62 Computer programming, consultancy and related services	103.6	0.0	1.2
L REAL ESTATE SERVICES	104.7	0.4	1.5
68 Real estate services	104.7	0.4	1.5
68.2 Rental and operating services of own or leased real estate	104.9	0.4	1.6
68.20A Rents of office premises	103.1	0.4	1.2
68.20B Rents of business premises	101.8	0.3	1.2
68.20.1 Rental and operating services of own or leased real estate	107.4	0.4	2.0
68.31 Real estate agency services on a fee or contract basis	100.8	-0.3	-1.7
M PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	104.1	0.2	1.9
69 Legal and accounting services	105.1	1.1	1.3
69.10 Legal services	109.7	0.4	3.8
69.20 Accounting, bookkeeping and auditing services; tax consulting services	102.8	1.5	0.1
70 Services of head offices; management consulting services	104.9	0.2	1.6
70.2 Management consulting services	104.9	0.2	1.6
71 Architectural and engineering services; technical testing and analysis services	103.3	0.0	2.7
71.11 Architectural services	102.2	0.1	1.6
71.12 Engineering services and related technical consulting services	103.7	0.0	2.9

Services by activity (CPA 2015)	Index figure	Quarterly change,%	Annual change,%
71.2 Technical testing and analysis services	101.1	0.0	2.1
73 Advertising and market research services	103.4	-0.1	0.8
73.1 Advertising services	103.4	-0.1	0.6
73.2 Market research and public opinion polling services	103.5	0.0	4.3
N ADMINISTRATIVE AND SUPPORT SERVICES	100.0	-1.3	-0.4
77 Rental and leasing services	96.7	-2.8	-2.1
77.11 Rental and leasing services of cars and light motor vehicles	97.8	-7.8	7.7
77.32 Rental and leasing services of construction and civil engineering machinery and equipment	96.5	-1.9	-3.6
78 Employment services	102.6	-0.3	1.5
78.20 Temporary employment agency services	102.6	-0.3	1.5
80 Security and investigation services	99.0	-0.3	-0.3
81 Services to buildings and landscape	104.2	0.1	1.2
81.1 Combined facilities support services	105.4	0.2	1.2
81.2 Cleaning services	103.5	0.0	1.2
P EDUCATION SERVICES	105.4	0.1	4.3
85 Education services	105.4	0.1	4.3
Q HUMAN HEALTH AND SOCIAL WORK SERVICES	105.8	0.0	2.3
86 Human health services	105.8	0.0	2.3
R ARTS, ENTERTAINMENT AND RECREATION SERVICES	103.3	0.0	-0.3
90 Creative, arts and entertainment services	111.2	0.3	0.2
93 Sporting services and amusement and recreation services	99.8	-0.1	-0.6
S OTHER SERVICES	103.8	0.3	1.7
95 Repair services of computers and personal and household goods	105.3	0.2	2.7
96 Other personal services	103.4	0.3	1.4
96.01 Washing and (dry-)cleaning services of textile and fur products	100.9	0.5	1.3
96.02 Hairdressing and other beauty treatment services	104.2	0.3	1.4
96.04 Physical well-being services	106.5	0.4	1.9

Appendix table 2. Producer Price Indices for Services 2015=100, services to enterprises and public sector (BtoB), 4th quarter 2018

Services by activity (CPA 2015)	Index figure	Quarterly change,%	Annual change,%
TOTAL INDEX	103.4	0.3	1.8
H TRANSPORTATION AND STORAGE SERVICES	104.8	1.1	4.1
49 Land transport services and transport services via pipelines	104.8	1.9	4.1
49.10 Passenger rail transport services, interurban	84.9	6.4	-2.1
49.31 Urban and suburban passenger land transport services	98.6	0.0	-3.4
49.32 Taxi operation services	106.0	7.5	3.4
49.39 Other passenger land transport services n.e.c.	88.7	-1.0	-11.3
49.41 Freight transport services by road	105.9	1.2	4.8
49.5 Transport services via pipeline	104.7	0.0	0.0
50 Water transport services	102.1	1.1	2.9
50.10 Sea and coastal passenger water transport services	93.6	-12.6	0.8
50.20 Sea and coastal freight water transport services	102.4	1.7	3.0
52 Warehousing and support services for transportation	104.9	0.7	4.4
52.10 Warehousing and storage services	112.0	0.2	5.9
52.21 Services incidental to land transportation	100.2	0.0	-1.0
52.24 Cargo handling services	97.3	0.8	0.9
52.29 Other transportation support services	104.9	0.9	4.8
53 Postal and courier services	122.1	0.3	5.9
53.10 Postal services under universal service obligation	124.6	0.2	5.9
53.20 Other postal and courier services	109.3	1.2	5.5
I ACCOMMODATION AND FOOD SERVICES	107.5	0.9	2.2
55 Accommodation services	112.4	1.9	3.2
56 Food and beverage serving services	105.3	0.4	1.7
J INFORMATION AND COMMUNICATION SERVICES	102.8	0.7	1.2
61 Telecommunications services	100.9	2.5	1.2
62 Computer programming, consultancy and related services	103.6	0.0	1.2
63 Information services	95.4	-0.1	0.1
L REAL ESTATE SERVICES	102.3	0.4	1.2
68 Real estate services	102.3	0.4	1.2
68.2 Rental and operating services of own or leased real estate	102.3	0.4	1.2
68.20A Rents of office premises	103.1	0.4	1.2
68.20B Rents of business premises	101.8	0.3	1.2
68.31 Real estate agency services on a fee or contract basis	100.8	-0.3	-1.7
M PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	104.2	0.2	1.9
69 Legal and accounting services	105.1	1.1	1.3
69.10 Legal services	109.7	0.4	3.8
69.20 Accounting, bookkeeping and auditing services; tax consulting services	102.8	1.5	0.1
70 Services of head offices; management consulting services	104.9	0.2	1.6
70.2 Management consulting services	104.9	0.2	1.6
71 Architectural and engineering services; technical testing and analysis services	103.6	0.0	2.7
71.11 Architectural services	102.2	0.1	1.6
71.12 Engineering services and related technical consulting services	103.7	0.0	2.9
71.2 Technical testing and analysis services	102.9	0.0	2.0
73 Advertising and market research services	103.4	-0.1	0.8
73.1 Advertising services	103.4	-0.1	0.6

Services by activity (CPA 2015)	Index figure	Quarterly change,%	Annual change,%
73.2 Market research and public opinion polling services	103.5	0.0	4.3
N ADMINISTRATIVE AND SUPPORT SERVICES	100.0	-0.9	-1.0
77 Rental and leasing services	96.5	-1.9	-3.6
77.32 Rental and leasing services of construction and civil engineering machinery and equipment	96.5	-1.9	-3.6
78 Employment services	102.6	-0.3	1.5
78.20 Temporary employment agency services	102.6	-0.3	1.5
80 Security and investigation services	99.0	-0.3	-0.3
81 Services to buildings and landscape	104.0	0.1	1.0
81.1 Combined facilities support services	105.4	0.2	1.2
81.2 Cleaning services	103.0	0.0	0.9
P EDUCATION SERVICES	105.4	0.1	4.3
85 Education services	105.4	0.1	4.3
Q HUMAN HEALTH AND SOCIAL WORK SERVICES	104.4	0.0	1.9
86 Human health services	104.4	0.0	1.9
R ARTS, ENTERTAINMENT AND RECREATION SERVICES	104.0	0.0	-0.3
90 Creative, arts and entertainment services	111.2	0.3	0.2
93 Sporting services and amusement and recreation services	99.8	-0.1	-0.6
S OTHER SERVICES	102.3	-0.3	1.9
95 Repair services of computers and personal and household goods	105.8	0.0	2.8
96 Other personal services	100.4	-0.4	1.5
96.01 Washing and (dry-)cleaning services of textile and fur products	99.8	-0.5	1.4
96.02 Hairdressing and other beauty treatment services	104.2	0.3	1.4
96.04 Physical well-being services	106.5	0.4	1.9

Appendix table 3. Producer Price Indices for Services 2015=100, services to households (BtoC), 4th quarter 2018

Services by activity (CPA 2015)	Index figure	Quarterly change,%	Annual change,%
TOTAL INDEX	105.6	0.0	1.7
H TRANSPORTATION AND STORAGE SERVICES	99.3	-0.5	-1.1
49 Land transport services and transport services via pipelines	96.6	2.3	-2.3
49.10 Passenger rail transport services, interurban	84.9	6.4	-2.1
49.31 Urban and suburban passenger land transport services	98.6	0.0	-3.4
49.32 Taxi operation services	106.0	7.5	3.4
49.39 Other passenger land transport services n.e.c.	88.7	-1.0	-11.3
50 Water transport services	93.6	-12.6	0.8
50.10 Sea and coastal passenger water transport services	93.6	-12.6	0.8
51 Air transport services	112.6	-3.5	2.0
52 Warehousing and support services for transportation	100.2	0.0	-1.0
52.21 Services incidental to land transportation	100.2	0.0	-1.0
53 Postal and courier services	129.6	0.0	5.4
53.10 Postal services under universal service obligation	129.6	0.0	5.4
I ACCOMMODATION AND FOOD SERVICES	106.7	-0.2	2.3
55 Accommodation services	122.5	-6.0	9.0
56 Food and beverage serving services	105.3	0.4	1.7
J INFORMATION AND COMMUNICATION SERVICES	108.2	1.6	1.8
61 Telecommunications services	106.1	1.8	0.4
L REAL ESTATE SERVICES	107.1	0.3	1.8
68 Real estate services	107.1	0.3	1.8
68.2 Rental and operating services of own or leased real estate	107.4	0.4	2.0
68.20.1 Rental and operating services of own or leased real estate	107.4	0.4	2.0
68.31 Real estate agency services on a fee or contract basis	100.8	-0.3	-1.7
M PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	99.2	-0.1	2.3
71 Architectural and engineering services; technical testing and analysis services	99.2	-0.1	2.3
71.2 Technical testing and analysis services	99.2	-0.1	2.3
N ADMINISTRATIVE AND SUPPORT SERVICES	100.2	-5.6	6.1
77 Rental and leasing services	97.8	-7.8	7.7
77.11 Rental and leasing services of cars and light motor vehicles	97.8	-7.8	7.7
81 Services to buildings and landscape	106.3	0.1	2.5
81.2 Cleaning services	106.3	0.1	2.5
P EDUCATION SERVICES	105.4	0.1	4.3
85 Education services	105.4	0.1	4.3
Q HUMAN HEALTH AND SOCIAL WORK SERVICES	108.5	0.0	3.0
86 Human health services	108.5	0.0	3.0
R ARTS, ENTERTAINMENT AND RECREATION SERVICES	103.2	0.0	-0.3
90 Creative, arts and entertainment services	111.2	0.3	0.2
93 Sporting services and amusement and recreation services	99.8	-0.1	-0.6
S OTHER SERVICES	104.4	0.6	1.5
95 Repair services of computers and personal and household goods	104.8	0.3	2.7
96 Other personal services	104.3	0.6	1.4
96.01 Washing and (dry-)cleaning services of textile and fur products	104.1	3.2	1.0
96.02 Hairdressing and other beauty treatment services	104.2	0.3	1.4
96.04 Physical well-being services	106.5	0.4	1.9

Appendix table 4. Producer Price Indices for Services 2010=100, services to enterprises and public sector (BtoB), 4th quarter 2018

Industry (TOL 2008)	Index figure	Quarterly change,%	Annual change,%
TOTAL INDEX	111.4	0.3	1.8
H TRANSPORTATION AND STORAGE	111.0	1.1	4.1
49 Land transport and transport via pipelines	111.8	1.9	4.1
4932 Taxi operation	118.9	7.5	3.4
4941 Freight transport by road	111.9	1.2	4.8
5020 Sea and coastal freight water transport	106.8	1.7	3.0
52 Warehousing and support activities for transportation	106.8	0.7	4.4
5210 Warehousing and storage	116.9	0.2	5.9
5224 Cargo handling	97.5	0.8	0.9
53 Post and courier activities	154.0	0.3	5.8
5310 Postal activities under universal service obligation	161.2	0.2	5.9
5320 Other postal and courier activities	118.5	1.2	5.5
I ACCOMMODATION AND FOOD SERVICE ACTIVITIES	121.0	0.9	2.2
5510 Hotels	116.8	1.9	3.2
56 Food and beverage service activities	124.0	0.4	1.7
J INFORMATION AND COMMUNICATION	109.8	0.7	1.2
61 Telecommunications	89.2	2.5	1.2
62 Computer programming, consultancy and related activities	114.9	0.0	1.2
63 Information service activities	103.7	-0.1	0.1
L REAL ESTATE ACTIVITIES	112.9	0.4	1.2
6820 Rents of office and business premises	113.5	0.4	1.2
6820A Rents of office premises	112.4	0.4	1.2
6820B Rents of business premises	114.3	0.3	1.2
M PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	109.6	0.2	1.9
69 Legal and accounting activities	116.7	1.1	1.3
6910 Legal services	119.5	0.4	3.8
6920 Accounting, bookkeeping and auditing activities; tax consultancy	115.3	1.5	0.1
702 Management consultancy activities	111.7	0.2	1.6
711 Architectural and engineering activities and related technical consultancy	109.5	0.0	2.8
712 Technical testing and analysis	103.6	0.0	2.0
73 Advertising and market research	102.5	-0.1	0.8
731 Advertising	102.1	-0.1	0.6
732 Market research and public opinion polling	110.2	0.0	4.3
N ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	114.8	-0.9	-1.0
7732 Renting of construction and civil engineering machinery and equipment	114.2	-1.9	-3.6
7820 Temporary employment agency activities	111.8	-0.2	1.6
81 Services to buildings and landscape activities	118.8	0.1	1.0
811 Combined facilities support activities	121.4	0.2	1.2
812 Cleaning activities	116.2	0.0	0.9
P EDUCATION	121.2	0.1	4.3
85 Education	121.2	0.1	4.3
Q HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	118.9	0.0	1.9
86 Human health activities	118.9	0.0	1.9
R ARTS, ENTERTAINMENT AND RECREATION	119.1	0.0	-0.3
90 Creative, arts and entertainment activities	129.3	0.3	0.2

Industry (TOL 2008)	Index figure	Quarterly change,%	Annual change,%
93 Sports activities and amusement and recreation activities	111.6	-0.1	-0.6
S OTHER SERVICE ACTIVITIES	115.5	-0.3	1.9
95 Repair of computers and personal and household goods	121.7	0.0	2.8
96011 Washing and (dry-)cleaning of textile and fur products for enterprises	107.9	-0.5	1.4

Quality Description of Producer Price Index for Services

1. Relevance of statistical information

1.1 Summary of the information content and purpose of use of the statistics

The Producer Price Index for Services describes developments in the prices of services enterprises produce for other enterprises and public sector (Business to Business, BtoB) and for households (Business to Consumers, BtoC). In addition, these indices are weighted together to form total level (Business to All, BtoAll). The index describes relative changes in these prices against a comparison point in time.

The Producer Price Index for Services is compiled on product basis. The index describes the price development of services irrespective of the main industry of the enterprise. If a service enterprise also produces goods, its goods production is excluded from the scope of the description of the index. On the other hand, an enterprise that mainly produces industrial goods may also produce services, in which case its services production is included in the scope of the description of the Producer Price Index for Services.

One of the key purposes of the Producer Price Index for Services is to function as a deflator in national accounts calculations. With it the value of production or sales is converted to the volume of production. Enterprises can use the data of the Producer Price Index for Services when comparing the development in the prices of their purchases or sales against the average development in their respective service item.

1.2 Data sources and classifications and concepts used

1.2.1 Data sources

The price data for the Producer Price Index for Services are mainly collected from enterprises quarterly. In addition to the direct price data collection, price data or point figures from other statistics of Statistics Finland, such as the Consumer Price Index, are also used in calculating the Producer Price Index for Services.

Information on other price and cost indices is available on the home pages of the indices, which can be accessed via http://www.tilastokeskus.fi/til/hin_en.html.

1.2.2 Classifications

Starting from the base year 2015, the classification is the Classification of Products by Activity CPA 2015 (CPA Ver. 2.1) which is the *European Statistical Classification of Products by Activity*. In addition, the classification of services can be specified when necessary.

In indices with the base year 2010 and 2005, the publication levels used is the Standard Industrial Classification TOL 2008 based on the EU's statistical classification of economic activities NACE Rev. 2.

1.3 Acts and decrees

The production of the index is based on the Finnish Statistics Act (280/2004, amend. 361/2013) and on Council Regulations (EC) concerning short-term statistics (No 1165/1998 and 1158/2005). Only the data necessary for the calculation of the index that are not available from other sources are collected from data suppliers. The Statistics Act obliges Statistics Finland to treat the data as confidential. In published statistics, data are reported at a level from which data on an individual enterprise cannot be identified.

2. Methodological description of survey

2.1. Compilation of the index

The sampling frame of the Producer Price Index for Services is based on Statistics Finland's Business Register and Business Services Statistics. The Business Register contains data on the industry and turnover of enterprises. The Business Services Statistics describe the service selection and distribution of turnover in industries producing business services. Industry-specific product indices have been designed independent of each other, and hence the used sampling method varies by service. Depending on the service, data suppliers have been selected by applying PPS (Probability Proportional to Size) sampling or judicious

sampling, or by combining judicious and probability-based sampling. Services, in which price development is monitored, have been selected in cooperation with the enterprises.

The Producer Price Index for Services is calculated according to the Laspeyres index formula. Geometric averages for all the service groups of each enterprise are calculated on the basis of price ratios (=current price/previous price) derived from individual price observations. These micro indices are combined into an total index/product indices by weighting each micro index with its own weighting coefficient. In other words, price changes of individual services have different-sized effects on the total index.

An enterprise's weighting coefficients are based on data on enterprises' turnover and turnover breakdown between service groups in each enterprise. The used data on turnover are either figures reported by the enterprises themselves or figures on turnover obtained from the Business Services Statistics and the Business Register. Turnover only includes turnover accumulated from the industry in question. The weights between the service groups are based on the supply and use tables of the national accounts. The weight structure of the total index is based on the 2015 data.

More detailed information on the compilation of the Producer Price Index for Services and its contents can be found on the statistics page under Methodological descriptions.

2.2. Development and publication of new indices

Statistics Finland continues to improve the coverage of the total index by designing indices for new service groups. The publication of a new index can commence once data have been collected for at least twelve months from an adequate number of enterprises and it has been ascertained that the price data provided by the data suppliers can be used for calculating sufficiently reliably index figures depicting the average price development in the service group concerned.

Development of the Producer Price Index for Services started in 2000 and indices are constantly being developed for new service groups. Each index describes the average price development of the service activity in question. In connection with the 2015=100 periodical renewal, Other auxiliary transport services (CPA 2015: 52.29) were added as a new service.

At the moment, the total index of the Producer Price Index for Services covers around 60 per cent of the market services. For example, wholesale and retail trade, as well as financial and insurance activities are missing from the index.

Expansion of the data content of the Producer Price Index for Services

In addition to the price development of services produced by enterprises to enterprises and to public sector (Business to Business, BtoB), starting from the base year 2015=100, the index will also describe the price development of Business to Consumers (BtoC) services. In addition, these indices are weighted together to form total level (Business to All, BtoAll). In terms of Business to Consumer services, the Consumer Price Index less the effects of value added tax changes is used.

3. Correctness and accuracy of data

The Producer Price Index for Services is calculated using over 3,200 price data items collected from approximately 420 data suppliers. In addition, data sets where there are around 20,000 price observations are available for some service groups. The index also utilises other Statistics Finland's indices, like the Consumer Price Index. The numbers of price data items and data suppliers vary by service.

4. Timeliness and promptness of published data

The statistics are published on the 24th day of the month following the statistical reference quarter or on the first working day following it at 9 a.m.

The data collected from enterprises concern the average price for the quarter under review or the data for the first, second or third month of the quarter under review depending on the service group.

5. Accessibility and transparency/clarity of data

Producer Price Indices for Services is published quarterly on the free website of Statistics Finland at http://stat.fi/til/pthi/index_en.html.

6. Comparability of statistics

The time series of the total index of producer prices for services starts from the year 2005. The length of the industry-specific time series varies depending on when the production of the index started.

7. Coherence and consistency/uniformity

The point figures of Producer Price Index for Services are final; they are not to be revised or altered other than in exceptional cases.

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Source: Producer Price Indices for Services 2018, 4th quarter. Statistics Finland