



**HELLENIC REPUBLIC  
HELLENIC STATISTICAL AUTHORITY**

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## **PRESS RELEASE**

### **PRODUCER PRICE INDICES FOR SERVICES: 4<sup>th</sup> Quarter 2016**

The evolution of the Producer Price Indices for the Services Sector, with base year 2010=100.0 for the fourth quarter 2016, is as follows:

<b><u>Services branches</u></b>	<b><u>Annual changes (%)</u></b>
• freight transport services by road and removal services (industry 494)	-0.2
• sea and coastal passenger and freight water transport services (industry 50)	5.5
• air transport services (industry 51)	-3.3
• warehousing and storage services (industry 5210)	2.9
• cargo handling services (industry 5224)	-0.6
• postal services and courier services (industry 53)	-1.1
• telecommunications services (industry 61)	19.9
• computer programming, consultancy and related services (industry 62)	0.7
• information service on computers and related services (industry 63)	0.5
• legal and accounting services (industry 69)	-1.0
• management consulting services (industry 702)	1.1
• architectural and engineering services, technical testing, analysis services (industry 71)	-0.5
• advertising and market research services (industry 73)	-1.2
• employment services (industry 78)	-2.1
• security and investigation services (industry 80)	1.2
• cleaning services (industry 812)	-3.2

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Specifically, the evolution of the compiled Producer Price Indices for the Services Sector is depicted in the following tables and graphs. The data are provisional when first released and become final in the next quarter.

Table 1 shows the indices and the annual rates of change of the above-mentioned indices of the fourth quarter of 2016, compared with the fourth quarter of 2015, as well as the annual rates of change of the fourth quarter of 2015 compared with the fourth quarter 2014.

Table 2 shows the quarterly rates of change of the above-mentioned indices of the fourth quarter of 2016, compared with the third quarter of 2016, as well as the quarterly rates of change of the fourth quarter of 2015 compared with the third quarter 2015.

Table 3 and graphs show the evolution of the above-mentioned indices per quarter for the period 2014-2016.

Time series of the indices are available on the ELSTAT's website:

<http://www.statistics.gr/en/statistics/-/publication/DKT59/->

**Table 1. Annual comparisons of the Producer Price Indices for Services**

Base year: 2010=100.0						
Code	Services categories	4 <sup>th</sup> quarter			Annual rate of change (%)	
		2016	2015	2014	2016/2015	2015/2014
494	Freight transport services by road and removal services	91.0	91.2	92.4	-0.2	-1.3
50 (501_502)	Sea and coastal passenger and freight water transport services	150.5	142.6	135.7	5.5	5.1
51	Air transport services	86.2	89.1	95.4	-3.3	-6.6
5210	Warehousing and storage services	93.3	90.7	90.8	2.9	-0.1
5224	Cargo handling services	105.2	105.8	105.2	-0.6	0.6
53	Postal and courier services	109.6	110.8	111.3	-1.1	-0.4
531	Postal services under universal service obligation	117.2	117.2	117.2	0.0	0.0
532	Other postal and courier services	99.3	102.1	103.1	-2.7	-1.0
61	Telecommunications services	125.2	104.4	98.2	19.9	6.3
62	Computer programming, consultancy and related services	84.4	83.8	83.8	0.7	0.0
63	Information service on computers and related services	89.9	89.4	93.9	0.5	-4.7
691	Legal services	100.9	100.9	101.5	0.0	-0.7
692	Accounting, bookkeeping, auditing and tax consulting services	94.9	96.7	99.0	-1.9	-2.3
69	Legal and accounting services	97.5	98.6	100.1	-1.0	-1.6
702	Management consulting services	98.6	97.6	108.0	1.1	-9.7
(69_702)	Legal, accounting and management consultancy activities services	98.0	98.2	103.3	-0.2	-5.0
711	Architectural and engineering services, related technical consulting services	78.7	79.3	83.1	-0.8	-4.5
712	Technical testing and analysis services	97.4	97.5	101.3	-0.1	-3.7
71 (711_712)	Architectural and engineering services; technical testing and analysis services	84.5	85.0	88.7	-0.5	-4.2
7311	Services provided by advertising agencies	120.5	119.5	121.6	0.8	-1.8
7312	Media representation services	91.3	107.6	107.3	-15.2	0.4
731	Advertising services	116.4	117.8	119.6	-1.2	-1.5
732	Market research and public opinion services	79.9	80.6	80.6	-0.8	0.0
73 (731_732)	Advertising and market research services	114.4	115.7	117.4	-1.2	-1.5
78	Employment services	94.1	96.1	101.9	-2.1	-5.7
80	Security and investigation services	107.5	106.2	99.9	1.2	6.3
812	Cleaning services	91.4	94.4	95.8	-3.2	-1.5

Note: The indices and the percentage changes are published rounded up to one decimal figure.

**Table 2. Quarterly comparisons of the Producer Price Indices for Services**

Base year: 2010=100.0							
Code	Services categories	2016	2016	Rate of change (%)	2015	2015	Rate of change (%)
		4 <sup>th</sup> quarter	3 <sup>rd</sup> quarter		4 <sup>th</sup> quarter	3 <sup>rd</sup> quarter	
494	Freight transport services by road and removal services	91.0	90.9	0.1	91.2	91.0	0.2
50 (501_502)	Sea and coastal passenger and freight water transport services	150.5	159.8	-5.8	142.6	152.4	-6.4
51	Air transport services	86.2	100.9	-14.5	89.1	107.9	-17.4
5210	Warehousing and storage services	93.3	92.1	1.4	90.7	90.7	0.0
5224	Cargo handling services	105.2	105.2	0.0	105.8	105.2	0.6
53	Postal and courier services	109.6	109.6	0.0	110.8	111.0	-0.2
531	Postal services under universal service obligation	117.2	117.2	0.0	117.2	117.2	0.0
532	Other postal and courier services	99.3	99.2	0.1	102.1	102.5	-0.5
61	Telecommunications services	125.2	117.2	6.8	104.4	104.0	0.4
62	Computer programming, consultancy and related services	84.4	84.4	0.0	83.8	83.8	0.0
63	Information service on computers and related services	89.9	89.7	0.2	89.4	89.4	0.0
691	Legal services	100.9	100.9	0.0	100.9	100.9	0.0
692	Accounting, bookkeeping, auditing and tax consulting services	94.9	95.0	-0.1	96.7	95.6	1.1
69	Legal and accounting services	97.5	97.6	-0.1	98.6	98.0	0.6
702	Management consulting services	98.6	99.0	-0.4	97.6	97.5	0.1
(69_702)	Legal, accounting and management consultancy activities services	98.0	98.2	-0.2	98.2	97.8	0.4
711	Architectural and engineering services, related technical consulting services	78.7	78.7	0.0	79.3	79.3	0.0
712	Technical testing and analysis services	97.4	97.4	0.0	97.5	97.5	0.0
71 (711_712)	Architectural and engineering services; technical testing and analysis services	84.5	84.5	0.0	85	85.0	0.0
7311	Services provided by advertising agencies	120.5	120.5	0.0	119.5	120.1	-0.6
7312	Media representation services	91.3	98.1	-6.9	107.6	93.3	15.4
731	Advertising services	116.4	117.3	-0.8	117.8	116.4	1.2
732	Market research and public opinion services	79.9	79.8	0.2	80.6	80.6	0.0
73 (731_732)	Advertising and market research services	114.4	115.2	-0.8	115.7	114.4	1.2
78	Employment services	94.1	91.6	2.7	96.1	100.2	-4.1
80	Security and investigation services	107.5	106.2	1.2	106.2	106.2	0.0
812	Cleaning services	91.4	91.8	-0.4	94.4	95.9	-1.6

Note: The indices and the percentage changes are published rounded up to one decimal figure.

**Table 3. Evolution of Producer Price Indices for Services, 2014****Base year: 2010=100.0**

Code	Services categories	2014				
		Q1	Q2	Q3	Q4	Annual Average
494	Freight transport services by road and removal services	92.4	92.4	92.4	92.4	92.4
50 (501_502)	Sea and coastal passenger and freight water transport services	128.2	135.8	143.6	135.7	135.8
51	Air transport services	109.2	108.0	113.8	95.4	106.6
5210	Warehousing and storage services	90.8	90.8	90.8	90.8	90.8
5224	Cargo handling services	106.0	105.2	105.2	105.2	105.4
53	Postal and courier services	111.0	111.1	111.2	111.3	111.1
531	Postal services under universal service obligation	117.2	117.2	117.2	117.2	117.2
532	Other postal and courier services	102.4	102.7	103.0	103.1	102.8
61	Telecommunications services	100.0	99.2	98.2	98.2	98.9
62	Computer programming, consultancy and related services	82.3	82.3	83.9	83.8	83.1
63	Information service on computers and related services	83.3	83.3	93.9	93.9	88.6
691	Legal services	101.9	101.6	101.5	101.5	101.6
692	Accounting, bookkeeping, auditing and tax consulting services	98.6	98.2	98.2	99.0	98.5
69	Legal and accounting services	100.1	99.7	99.7	100.1	99.9
702	Management consulting services	111.5	99.8	102.7	108.0	105.5
(69_702)	Legal, accounting and management consultancy activities services	104.7	99.8	100.9	103.3	102.2
711	Architectural and engineering services, related technical consulting services	85.1	84.1	83.1	83.1	83.8
712	Technical testing and analysis services	101.4	101.3	101.3	101.3	101.3
71 (711_712)	Architectural and engineering services; technical testing and analysis services	90.2	89.4	88.7	88.7	89.3
7311	Services provided by advertising agencies	121.6	121.6	121.6	121.6	121.6
7312	Media representation services	108.0	113.9	93.9	107.3	105.8
731	Advertising services	119.7	120.5	117.8	119.6	119.4
732	Market research and public opinion services	80.4	80.2	80.0	80.6	80.3
73 (731_732)	Advertising and market research services	117.5	118.3	115.6	117.4	117.2
78	Employment services	106.0	103.9	101.9	101.9	103.4
80	Security and investigation services	103.2	103.2	99.9	99.9	101.6
812	Cleaning services	96.9	96.8	95.5	95.8	96.2

Note: The indices and the percentage changes are published rounded up to one decimal figure.

**Table 3. Evolution of Producer Price Indices for Services, 2015 (continued)****Base year: 2010=100.0**

Code	Services categories	2015				
		Q1	Q2	Q3	Q4	Annual Average
494	Freight transport services by road and removal services	90.9	91.0	91.0	91.2	91.0
50 (501_502)	Sea and coastal passenger and freight water transport services	133.8	142.6	152.4	142.6	142.8
51	Air transport services	83.4	96.7	107.9	89.1	94.3
5210	Warehousing and storage services	90.9	90.7	90.7	90.7	90.7
5224	Cargo handling services	105.2	105.2	105.2	105.8	105.4
53	Postal and courier services	111.0	111.0	111.0	110.8	111.0
531	Postal services under universal service obligation	117.2	117.2	117.2	117.2	117.2
532	Other postal and courier services	102.5	102.4	102.5	102.1	102.4
61	Telecommunications services	101.2	101.6	104.0	104.4	102.8
62	Computer programming, consultancy and related services	83.8	83.8	83.8	83.8	83.8
63	Information service on computers and related services	93.9	93.9	89.4	89.4	91.7
691	Legal services	100.9	100.9	100.9	100.9	100.9
692	Accounting, bookkeeping, auditing and tax consulting services	98.5	97.1	95.6	96.7	97.0
69	Legal and accounting services	99.5	98.8	98.0	98.6	98.7
702	Management consulting services	95.7	101.4	97.5	97.6	98.0
(69_702)	Legal, accounting and management consultancy activities services	98.0	99.9	97.8	98.2	98.4
711	Architectural and engineering services, related technical consulting services	79.4	79.4	79.3	79.3	79.4
712	Technical testing and analysis services	97.5	97.5	97.5	97.5	97.5
71 (711_712)	Architectural and engineering services; technical testing and analysis services	85.0	85.0	85.0	85.0	85.0
7311	Services provided by advertising agencies	127.8	120.1	120.1	119.5	121.9
7312	Media representation services	112.4	112.2	93.3	107.6	106.4
731	Advertising services	125.7	119.0	116.4	117.8	119.7
732	Market research and public opinion services	81.8	80.9	80.6	80.6	81.0
73 (731_732)	Advertising and market research services	123.2	116.9	114.4	115.7	117.6
78	Employment services	101.9	101.9	100.2	96.1	100.0
80	Security and investigation services	99.8	105.3	106.2	106.2	104.4
812	Cleaning services	96.5	96.2	95.9	94.4	95.8

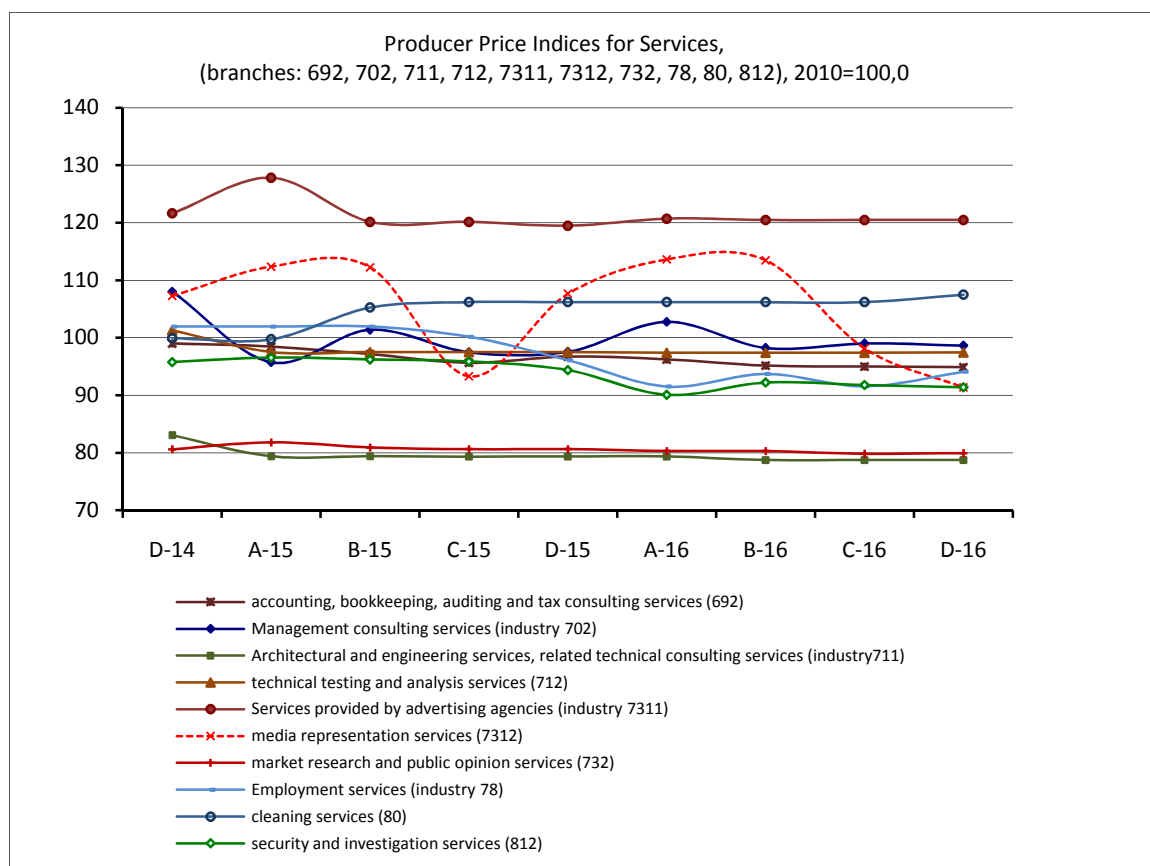
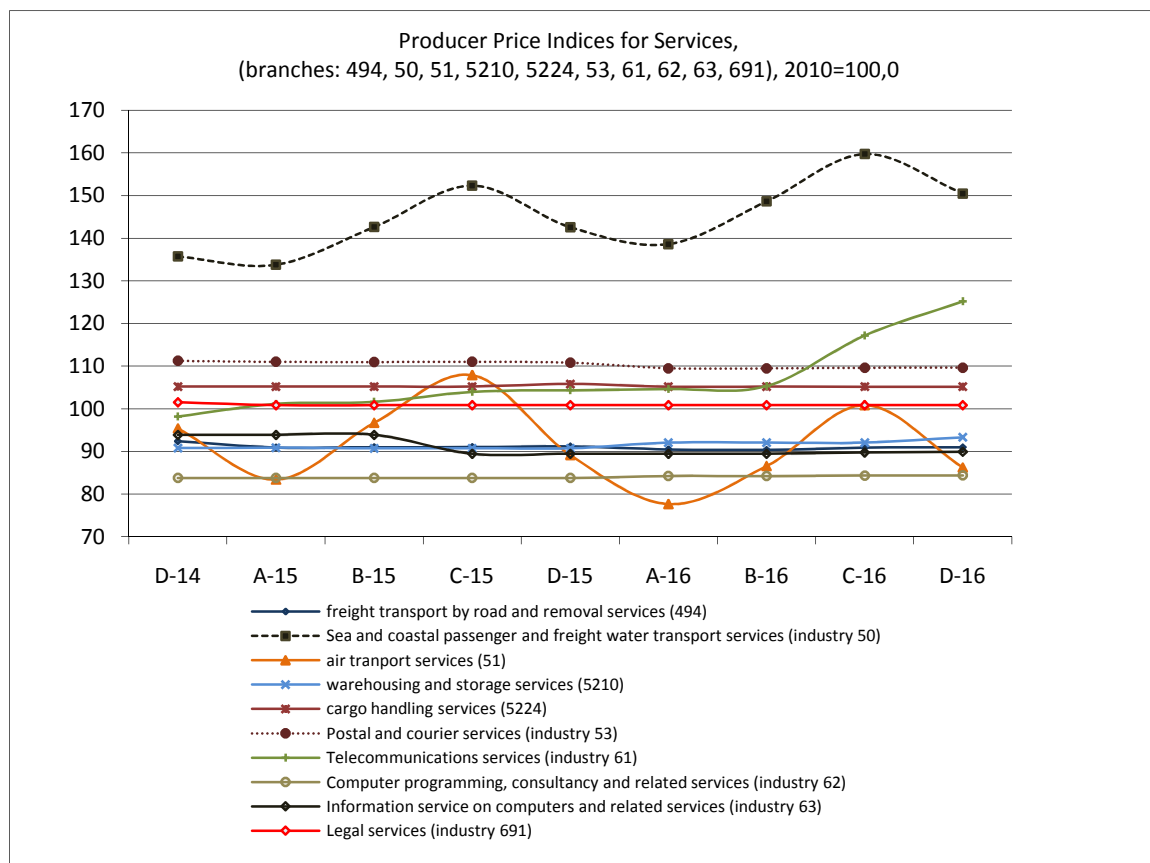
Note: The indices and the percentage changes are published rounded up to one decimal figure.

**Table 3. Evolution of Producer Price Indices for Services, 2016 (continued)**

Code	Services categories	2016				
		Q1	Q2	Q3	Q4	Annual Average
494	Freight transport services by road and removal services	90.5	90.4	90.9	91.0	90.7
50 (501_502)	Sea and coastal passenger and freight water transport services	138.6	148.7	159.8	150.5	149.4
51	Air transport services	77.6	86.5	100.9	86.2	87.8
5210	Warehousing and storage services	92.1	92.1	92.1	93.3	92.4
5224	Cargo handling services	105.2	105.2	105.2	105.2	105.2
53	Postal and courier services	109.5	109.5	109.6	109.6	109.6
531	Postal services under universal service obligation	117.2	117.2	117.2	117.2	117.2
532	Other postal and courier services	98.9	98.9	99.2	99.3	99.1
61	Telecommunications services	104.7	105.3	117.2	125.2	113.1
62	Computer programming, consultancy and related services	84.2	84.2	84.4	84.4	84.3
63	Information service on computers and related services	89.4	89.4	89.7	89.9	89.6
691	Legal services	100.9	100.9	100.9	100.9	100.9
692	Accounting, bookkeeping, auditing and tax consulting services	96.2	95.1	95.0	94.9	95.3
69	Legal and accounting services	98.3	97.7	97.6	97.5	97.8
702	Management consulting services	102.8	98.2	99.0	98.6	99.7
(69_702)	Legal, accounting and management consultancy activities services	100.1	97.9	98.2	98.0	98.5
711	Architectural and engineering services, related technical consulting services	79.3	78.7	78.7	78.7	78.9
712	Technical testing and analysis services	97.4	97.4	97.4	97.4	97.4
71 (711_712)	Architectural and engineering services; technical testing and analysis services	84.9	84.5	84.5	84.5	84.6
7311	Services provided by advertising agencies	120.9	120.5	120.5	120.5	120.6
7312	Media representation services	113.6	113.5	98.1	91.3	104.1
731	Advertising services	119.8	119.5	117.3	116.4	118.3
732	Market research and public opinion services	80.3	80.3	79.8	79.9	80.1
73 (731_732)	Advertising and market research services	117.6	117.3	115.2	114.4	116.1
78	Employment services	91.5	93.7	91.6	94.1	92.7
80	Security and investigation services	106.2	106.2	106.2	107.5	106.5
812	Cleaning services	90.1	92.2	91.8	91.4	91.4

Note: The indices and the percentage changes are published rounded up to one decimal figure.

### Graphs. Quarterly Evolution of Producer Price Indices for Services





## METHODOLOGICAL NOTES

<b>Generally</b>	The Producer Price Indices for Services (SPPI) are quarterly indices, which were first compiled and published in Greece with base year 2006=100.0 and were revised with base year 2010=100.0.
<b>Purpose of the indices</b>	The purpose of these indices is to measure the quarterly rates of change in the producer prices of services and to record the prices evolution that reflect the supply and demand conditions in the service markets, for the analysis of the real changes in the economy and in monitoring inflationary pressures.
<b>Definitions of the indices</b>	<p>The Producer Price Indices for Services are output price indices for the service production of resident producers. The SPPI cover services provided in the market for all uses, that is intermediate, final consumption and exports. However, the intermediate consumption dominates, because the SPPI are identified in to those branches of services whose production is directed mainly to other productive units (Business to Business), but do not differ significantly in the overall index (Business to All). Exceptions cases: the air transport services index, that is compiled as overall index (Business to All-B2All) and the two indices for postal and courier services, that are compiled as overall indices and also as partial indices for enterprises (Business to Business-B2B) and for consumers (Business to Consumer-B2C). Particularly in new branches of services: the sea and short sea shipping index, is compiled as overall index (B2All) and telecommunication indices, are compiled both as overall indices and sub-indices for businesses (B2B) and for consumers (B2C).</p> <p>The SPPI measure the prices of actual transactions that reflect the price that the producer receives for services that are actually sold to purchasers, including discounts, rebates or other surcharges. The collected prices are the basic prices for services sold. i.e. prices excluding VAT and other similar deductible taxes directly linked to turnover and also excluding all other taxes on products, but including any subsidies on products.</p>
<b>Legal basis</b>	The Producer Price Indices for Services are compiled in compliance with the Council Regulation (EC) No.1165/98 “concerning short-term statistics” as it was amended by the Regulations No.1158/05, 1503/2006 of the European Parliament and of the Council. Moreover, the aforementioned indices are compiled in compliance with the Regulation (EC) No.1893/2006 of the European Parliament and of the Council, as well as by the Regulation (EC) No.451/2008 of the Council.
<b>Reference period</b>	Quarter
<b>Base year</b>	2010=100.0.
<b>Revision</b>	The SPPI are fixed base indices. Pursuant to the provisions of Council Regulation No 1165/98 concerning short-term statistics, the indices in question are updated every five (5) years, in years ending in 0 or 5.
<b>Statistical classifications</b>	At the level of categories of economic activities Eurostat’s classification NACE Rev. 2, was used (Regulation 1893/2006), while at products-services level, Eurostat’s classification CPA 2008 was used according to the Council Regulation 451/2008.
<b>Geographical coverage</b>	The Indices cover the Whole Country.

<b>Coverage of economic activities</b>	<p>The SPPI are compiled from the 1<sup>st</sup> quarter 2014 for the following services:</p> <ul style="list-style-type: none"> <li>• Freight transport services by road and removal services (industry 494)</li> <li>• Sea and coastal passenger and freight water transport services (industry 50: 501_502)</li> <li>• Scheduled air transport services (industry 51)</li> <li>• Warehousing and storage services (industry 5210)</li> <li>• Cargo handling services (industry 5224)</li> <li>• Postal and courier services (industry 53)</li> <li>• Telecommunications services (industry 61)</li> <li>• Computer programming, consultancy and related services (industry 62)</li> <li>• Information service on computers and related services (industry 63)</li> <li>• Legal services (industry 691)</li> <li>• Accounting, bookkeeping, auditing and tax consulting services (industry 692)</li> <li>• Management consulting services (industry 702)</li> <li>• Architectural and engineering services, related technical consulting services (industry 711)</li> <li>• Technical testing and analysis services (industry 712)</li> <li>• Services provided by advertising agencies (industry 7311)</li> <li>• Media representation services (industry 7312)</li> <li>• Market research and public opinion polling services (industry 732)</li> <li>• Employment services (industry 78)</li> <li>• Security and investigation services (industry 80)</li> <li>• Cleaning services (industry 812)</li> </ul>
<b>Statistical survey</b>	<p>The data are collected from 355 enterprises, while the total number of observations (prices) is approximately 2500.</p>
<b>Publication of data-References</b>	<p>The data of SPPI with base year 2010=100.0 have being released since June 2014, with the 1<sup>st</sup> quarter of 2014 as first reference quarter. Data with base year 2010=100.0 are available from 2007 onwards. More information are available on the ELSTAT website:  <a href="http://www.statistics.gr/en/statistics/-/publication/DKT59/-">http://www.statistics.gr/en/statistics/-/publication/DKT59/-</a></p>