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|  | |  | | --- | | **Service producer prices (SPPI) (sts\_os\_pp)**  National Reference Metadata in Euro SDMX Metadata Structure (ESMS)  Compiling agency: NIS (National Institute for Statistics) is responsible for the data collection and dissemination. | |  |

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| For any question on data and metadata, please contact: [EUROPEAN STATISTICAL DATA SUPPORT](http://ec.europa.eu/eurostat/help/support) |  | [Download](http://ec.europa.eu/eurostat/estat-navtree-portlet-prod/BulkDownloadListing?file=metadata/sts_os_pp_esms_ro.sdmx.zip) |

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| |  |  | | --- | --- | | **1. Contact** | Top | | |
| **1.1. Contact organisation** | NIS (National Institute for Statistics) is responsible for the data collection and dissemination. |
| **1.2. Contact organisation unit** | Price Statistics Division |
| **1.5. Contact mail address** | Institutul National de Statistica (NIS) - 16, Libertatii Avenue, district 5, Bucharest, RO-050706 |

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| |  |  | | --- | --- | | **2. Metadata update** | Top | | |
| **2.1. Metadata last certified** | 29/04/2021 |
| **2.2. Metadata last posted** | 29/04/2021 |
| **2.3. Metadata last update** | 29/04/2021 |

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| |  |  | | --- | --- | | **3. Statistical presentation** | Top | | |
| **3.1. Data description** |  |
| Service Producer Price Index.  Services producer price indices (SPPI) is defined as an output price index for the service production of domestic producers. The objective of SPPI is to measure the quarterly development of services prices.  The current concepts and framework are those set forth by the EU Regulation 1165/98, concerning short-term statistics amended by Regulation (EC) 1158/2005 that established data requirements in relation to coverage, periodicity, and timeliness, as well as the 2006 Eurostat manual Methodology of Short-term Business Statistics (interpretations and guidelines). Romania follows recommendations Eurostat-OECD Methodological guide for developing producer price indices for services - Second edition 2014. |  |
| **3.2. Classification system** |  |
| NACE Rev. 2. |  |
| **3.3. Coverage - sector** |  |
| NACE Rev. 2 activities: 49.4, 50.1, 50.2, 51, 52.1, 52.24, 53.1, 53.2, 61, 62, 63.1, 63.9, 69.1, 69.2, 70.2, 71, 73, 78, 80, 81.2.  The sample represents at least 50% of the overall turnover of the NACE Rev. 2 classes. |  |
| **3.4. Statistical concepts and definitions** |  |
| Services producer price indices (SPPI) is defined as an output price index for the service production of domestic producers. The objective of SPPI is to measure the quarterly development of services prices.  The SPPIs are taken into account any applicable discounts, rebates, surcharges, etc. that may apply to the customers.  Because the price reflects revenue received by the producer, taxes on products is excluded from prices whereas subsidies on products received by the producer, if there are any, is added.  Data are collected quarterly; the reference period is the average tariffs registered within the reference quarter. |  |
| **3.5. Statistical unit** |  |
| Enterprise. |  |
| **3.6. Statistical population** |  |
| The main data source for building up the sample of economic operators is represented by the Annual Statistical (Structural) Bussiness Survey from reference year 2015. Based on the data from this statistical survey, the economic operators are ordered in a descending manner by turnover in each NACE Rev.2 activity class. The economic operators whose turnover represents at least 50% of the total NACE Rev.2 class are kept in the sample.  There are around the 550 enterprises which are surveyed each quarter. |  |
| **3.7. Reference area** |  |
| The SPPI’s cover the entire economic territory of the country. |  |
| **3.8. Coverage - Time** |  |
| 2010 |  |
| **3.9. Base period** |  |
| Year 2015 = 100. |  |

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| indices, percentage changes (%) |  |

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| Quarterly |  |

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| |  |  | | --- | --- | | **6. Institutional Mandate** | Top | | |
| **6.1. Institutional Mandate - legal acts and other agreements** |  |
| The legal basis for the STS indicators is the [**Council Regulation No 1165/98 of 19 May 1998 concerning short-term statistics**](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:31998R1165:EN:NOT), amended by the [Regulation No 1158/2005 of 6 July 2005](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32005R1158:EN:NOT) concerning short-term statistics and by the [Regulation (EC) No 1893/2006 of 20 December 2006](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006R1893:EN:NOT) establishing the statistical classification of economic activities NACE Revision 2, herein referred as STS-Regulations or STS-R.  All statistics collected and published by NIS are governed by the statistical Law no. 226/2009 regarding the organisation of official statistics, published in Romania's Official Journal First part, no. 397/11.06.2009, with further amendments.  The National Law stipulates that all individuals and legal units are required to submit data to the NIS on request. |  |
| **6.2. Institutional Mandate - data sharing** |  |
| Not applicable |  |

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| |  |  | | --- | --- | | **7. Confidentiality** | Top | | |
| **7.1. Confidentiality - policy** |  |
| All statistics collected and published by NIS are governed by the statistical Law no. 226/2009 regarding the organisation of official statistics, published in Romania's Official Journal First part, no. 397/11.06.2009, with further amendaments.  The Law specifies that: the official statistical services are authorized to ask for and receive free of charge statistical data and information from all natural and legal persons who are located, hold any kind of capital or carry out any type of activity on the Romanian territory. Also under the provision of this law, NIS cannot publish, or otherwise make available to one individual or organization, statistics that could enable the identification of data for any individual person or entity. NIS has been repeatedly and publicly recognised by the government as fully intellectually independent: it decides by itself which data to collect, which methodology to use, and which results, methodological notes and commentaries are published. The most important aspects on the organisation of the official statistics in Romanian are posted on the National Institute of Statistics Internet website (http://www.insse.ro/cms/en). Copies of the statistical laws are available in Romanian from the library of the National Institute of Statistics. |  |
| **7.2. Confidentiality - data treatment** |  |
| A rule of a minimum number of units is applied. Generally, confidential data are aggregated to avoid disclosure. Also under the provision of the statistical law, NIS cannot publish, or otherwise make available to an individual or organisation, statistics that could enable the identification of data for any individual person or entity. |  |

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| **8.1. Release calendar** |  |
| The release calendar is publically available and published at the end of the year for the following calendar year. |  |
| **8.2. Release calendar access** |  |
| The Catalogue of statistical publications and services 2021 covers the statistical indicators published by the NIS’s publications ([http://www.insse.ro/cms/en](http://www.insse.ro/cms/en/)). |  |
| **8.3. Release policy - user access** |  |
| Quarterly data are available to all users simultaneously at the time of release through the Prices Statistical Bulletin.  No organisation or person outside the NIS has prior access to the data before release to the public.  Data are transmitted to Eurostat as an index by e-DAMIS using SDMX format within 90 days (calendar days) from the end of the reference quarter. |  |

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| |  |  | | --- | --- | | **9. Frequency of dissemination** | Top | | |
| Quarterly. |  |

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| **10.1. Dissemination format - News release** |  |
| There are no press releases for this indicator. |  |
| **10.2. Dissemination format - Publications** |  |
| Buletinul Statistic de Preturi (Prices Statistical Bulletin).  All statistical publications are available also in electronic format. |  |
| **10.3. Dissemination format - online database** |  |
| The SPPI data are not available in NIS online database. |  |
| **10.4. Dissemination format - microdata access** |  |
| No microdata are disseminated. |  |
| **10.5. Dissemination format - other** |  |
| Data on SPPI are sent quarterly to Eurostat using SDMX format within 90 days  from the end of the quarter, both to be used in European aggregates as well as to be released as national data. |  |
| **10.6. Documentation on methodology** |  |
| Brief details on the SPPI methodology are presented in the statistical publications.  Quarterly SPPI's data and methodological notes are published in Prices Statistical Bulletin.  The price indices are published compared to the reference period required by the STS Regulation (2015=100). |  |
| **10.7. Quality management - documentation** |  |
| Not available. |  |

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| **11.1. Quality assurance** |  |
| The system of official statistics follows international and European quality standards. NIS Romania has adopted the UN Fundamental Principles for Official Statistics as well as the European Statistics Code of Practice. |  |
| **11.2. Quality management - assessment** |  |
| PEEI in Focus - Service Producer Price Index .  The statistical process is monitored regarding relevance, accuracy, timeliness, punctuality, coherence and comparability. Self assessment of the survey manager are carried out from time to time. |  |

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| **12.1. Relevance - User Needs** |  |
| SPPI’s have two main goals:   * provide a short-term indicator of the business cycle; * provide a suitable deflator for value developments, mainly for national accounts and Index on Service Production (ISP) calculation. |  |
| **12.2. Relevance - User Satisfaction** |  |
| We conduct a user satisfaction survey every three years. The latest one was in 2018.The publication can be found at the following link: <http://www.insse.ro/cms/sites/default/files/field/publicatii/analiza_gradului_de_satisfactie_al_utilizatorilor_2018.pdf>. This publication presents the way in which the statistical data produced and the methodological information of the INS meet the information needs of the various user categories. It includes a presentation of the main results of the statistical survey on the "Satisfaction of statistical data users”, respectively the profile of INS statistical data users, the confidence in the INS and the statistical data produced by INS, the assessment of the quality of the data produced by INS. |  |
| **12.3. Completeness** |  |
| All breakdowns and variable forms are provided, according to the STS Regulation. |  |

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| **13.1. Accuracy - overall** |  |
| The services producer price index satisfies the principle of accuracy, as it reflects a true picture of the development of services producer prices within a certain economic activity.  There are negligible non sampling errors concerning coverage, measurement and non response.  No CVs are calculated for SPPI. |  |
| **13.2. Sampling error** |  |
| A cut off sample is used therefor there are no sampling error. |  |
| **13.3. Non-sampling error** |  |
| The response rate for SPPI is about 98%.  The procedures to follow up with the non-responders refers to reminder telephone call and follow-up letters to remind the objective, timeliness, confidentiality of data and legal penalties in case of non-responses.  Usually the typing errors could appear in the processing  stage and the data  are revised the next month. The difference between initial figures and revised figures represents about +/- 0.5 **%** of the initial figures for total SPPI.  No models are used in estimation on errors. |  |

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| **14.1. Timeliness** |  |
| The indices are transmitted to Eurostat and published each quarter, according to the pre-announced schedule, in general 90 days after the quarter in question.  The questionnaires are sent to the enterprises at the beginning of each year. The enterprises are requested to answer no later than the 25th day after the end of the reference quarter to the territorial statistical direction where data are introduced in the SPPI application and sent to headquarters on the 35th day after the end of reference quarter. |  |
| **14.2. Punctuality** |  |
| The SPPI’s are always published on pre-announced date:   * Prices Statistical Bulletin - Q + 100 calendar days; * European level (Eurostat) - Q + 92 calendar day. |  |

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| **15.1. Comparability - geographical** |  |
| The SPPI’s are compiled only for the national level, so there are no problems of geographical comparability.  Comparability of the Romanian SPPI with other European members is ensuring by applying the standard and methods required by the STS methodological guidelines. |  |
| **15.2. Comparability - over time** |  |
| The implementation of the STS requirements and changes of base periods may introduce some breaks in the time series. |  |
| **15.3. Coherence - cross domain** |  |
| Cross-checks with other surveyed data such as sub-indices on low level aggregates from the CPI where is possible. |  |
| **15.4. Coherence - internal** |  |
| SPPI's are internal coherent. Higher level aggregations are derived from detailed indices according to well-defined procedures. |  |

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| Number of unit 2012 = 712  Cost (NIS) hours per year = 3893  Burden (respondents) hours per year = 1837 |  |

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| **17.1. Data revision - policy** |  |
| Data revisions follow the Revision Policy of the NIS Romania, which represent one of the key documents of the office.  The same revision policy is applied to STS data released nationally and transmitted to Eurostat. Calendar of standard revisions is being prepared together with the release calendar (<http://www.insse.ro/cms/en/content/revision-policy>).   1. Routine revisions: The revised indices are published together with the preliminary indices for the following month. Notice is given at the time the change is introduced. 2. Major revisions: In the case of regular index rebases (as a rule every five years), the results and changes in the calculation methodology or  major changes as classification  notice are presented in detail in the Price Statistical Bulletin and on the NIS website well in advance of the change.   Vintage database currently exists in the central processing database but is not publicly accessible. |  |
| **17.2. Data revision - practice** |  |
| The first release of RO SPPI is published as 'provisional' and is subject to revision in the next quarter due to more update information. A base-year revision leads to the backward revision of results.  Major changes in methodology are announced in all statistical publications at the time of the change. The status of data is clearly indicated in the publications. |  |

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| **18.1. Source data** |  |
| Statistical survey.  Statistical business register of Romania (REGIS) is used for deriving the survey’s sample.  Cut-off sample.  The sample was drawn  from Annual Statistical Bussiness Survey by taking into account all enterprises whose turnover (together) covered at least 50% of total turnover registered for each  NACE rev.2 class at the country level. All services provided by the enterprises included in the sample are recorded according with CPA 2015 classification (6 digits).  Sample size: about 550 enterprises are surveyed each quarter.  There is a annually update of the sample. |  |
| **18.2. Frequency of data collection** |  |
| Quarterly. |  |
| **18.3. Data collection** |  |
| The SPPI data are collected using a paper questionnaire. The form is clearly addressed to the company in question and include sufficient descriptions and explanations for the respondent to follow.  The SPPI data are collected using a range of data collection: self-completion of the paper questionnaire received and return the data by post or by e-mail, automated telephone data submission, personnel interview (usually for the new unit included in the sample), telephone interview, internet.  The recommendation for the price collectors is to have a personnel interview with reporting enterprise at list for the first month of each year. |  |
| **18.4. Data validation** |  |
| The SPPI system has a built-in module in order to diagnose data errors and checks for possible missing and critical variables. The system generates a detailed report if errors are detected.  The SPPI system generated a report to show the availability of all the establishment data for the compiling period. The information provided in the report is a useful tool for the statistical staff at central office that can follow up any missing establishment price data and prepare for final compilation of the index. |  |
| **18.5. Data compilation** |  |
| SPPI is a fixed base Laspeyres index (2015=100).  The weighting values for all aggregation level have been determined from Annual Business Statistical Survey and are based on turnover.  The elementary index corresponds to each detailed service declared by the enterprises (6 digits of CPA 2015 + 3 digits declared for each type of service) and is calculated as the ratio between the tariff applied to each detailed service in the reference quarter and the average tariff of the base year of the same detailed service, multiplied by 100. The SPPI for the upper levels, CPA 2015 class and division level is a Laspeyres type index, using a system of constant weights for successive data aggregation using turnover from SBS 2015.  SPPI is coverd B2B and B2all (using CPI).  The pricing methods used for telecommunication services are contract pricing and component pricing.  The SPPI NACE rev.2 for group 49.4 are calculated from wages and salaries data for 49.41 and SPPI data for 49.42.  Missing tariffs are imputed, usually by carrying the tariffs of the previous quarter forward. In the case when a service is permanently unavailable the reporting economic operators propose a new one, which have to correspond to the same classification level.  The sample results are not grossed-up. |  |
| **18.6. Adjustment** |  |
| No working day adjustment or seasonal adjustment is applied. |  |

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| Not available. |  |

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