



HELLENIC REPUBLIC
HELLENIC STATISTICAL AUTHORITY

Annual Statistical Work Programme 2017

PIRAEUS 2016

A. INTRODUCTION

The 2017 Statistical Work Programme of the Hellenic Statistical Authority (ELSTAT) includes information on the statistics to be compiled and disseminated during 2017 (see Annex), as well as on the planned changes in the compiled statistics. These changes pertain to the production of new statistics on account of, for example, the implementation of new European Regulations, to the amendment of currently produced statistics in order to fully comply with existing EU Regulations or to the need to respond more effectively to the needs of national and international users. In addition, the 2017 Statistical Work Programme includes information on the planned actions of ELSTAT for 2017 that aim at enhancing the quality of its statistical data, as well as the access of users to statistics.

The 2017 Statistical Work Programme of ELSTAT has been compiled on the basis of the Hellenic Statistical Programme (ELSP) for the three-year period 2017 – 2019.

A major objective of ELSTAT for 2017 is to ensure and further improve the quality and timeliness of its statistics, while saving human and financial resources and reducing the administrative burden on the surveyed units. This objective will be achieved by unwaveringly observing the national and European statistical legal framework⁽¹⁾ in force and by adopting the highest standards and best practices of the European and International Statistical System, with further use of administrative data sources and new technologies. At the same time, ELSTAT will seek to maintain its active role within the European Statistical System (ESS), through close cooperation with the other members of the ESS in the framework of working meetings (Task Forces/Working Groups and Sector/Directors' Groups) organised by Eurostat on various statistical topics, and through active participation in, and material contribution to, European decision-making and coordination bodies for statistical matters.

In addition, in 2017 a major objective of ELSTAT will continue to be the support of the improvement of the quality of statistics that are produced by the other agencies of the Hellenic Statistical System (ELSS), where appropriate, by coordinating the statistical activities of the other ELSS agencies and by assessing their statistics in order to certify them as "official statistics". Moreover, a crucial factor for the accomplishment of the above improvement is the provision by the State to the ELSS agencies of the human and financial resources that are necessary for the production of statistics and ensuring their access to administrative data sources, as provided for in the Commitment on Confidence in Statistics that was signed by the Greek Government and the European Commission in 2012.

The implementation of the above Commitment is crucial for the achievement of the objectives of ELSTAT.

B. NEW STATISTICS

1. Implementing EU Regulations and fulfilling European and international obligations

The production of new statistics planned for 2017 by ELSTAT is driven, to a large extent, by the need to fulfill ELSTAT's obligations towards the Statistical Office of the European Union (Eurostat) and other European and international organisations. These obligations involve, inter alia, implementing new European Regulations, ensuring compliance with existing Regulations, filling in questionnaires, updating databases, etc. The new statistics that are planned to be produced in 2017 for such purposes are presented below by theme:

- LABOUR MARKET
 - *Statistics on young people in the labour market*, in the framework of the conduct, in 2016, of a supplementary ad hoc survey in the Labour Force Survey (Regulation 318/2013).
- NATIONAL ACCOUNTS
 - *National accounts data*. Publication of revised data with a new base year, 2015 = 100.0.
 - *Production of data for the supply-use table* at constant prices of the previous year, in compliance with the transmission programme of Regulation 549/2013 on the European System of Accounts - ESA 2010, as from reference year 2015.

(1) Law 3832/2010 as amended and in force; European Statistics Code of Practice, after its revision adopted on 28 September 2011 by the European Statistical System Committee; Regulation (EC) No 223/2009 on European Statistics, as amended by Regulation (EU) 2015/759.

- INCOME AND LIVING CONDITIONS OF HOUSEHOLDS
 - *Statistics on the access of households to Services*, in the framework of new ad hoc modules added in the 2016 Survey on Income and Living Conditions (EU-SILC). Statistics pertaining to the access of households to care services for children aged 0 – 12 years, education services (school/studies/lifelong learning), health care and health care services at home (Regulation 2015/245 implementing Regulation 1177/2003).
- EDUCATION
 - *Statistics on post-secondary non-tertiary education (Vocational Training Institutes and Colleges)*. Gradual publication of the relevant statistics, with reference years 2012, 2013, 2014 and 2015 (Regulation 912/2013 implementing Regulation 452/2008).
 - *Statistics on education expenditure*. Gradual publication of the relevant statistics, with reference years 2012, 2013, 2014 and 2015 (Regulation 912/2013 implementing Regulation 452/2008).
 - *Statistics on pre-primary education – nurseries* (level 01 of the International Statistical Classification of Education - ISCED). Additional statistics compiled by the use of data collected from the Hellenic Agency for Local Development and Local Government (EETAA) – the data cover only the nurseries financed by the National Strategic Reference Framework, through the submission of a relevant application for funding (Regulation 912/2013).
- ENERGY
 - *Physical energy flow accounts, with reference year 2015* (Regulation 538/2014).
- INFORMATION SOCIETY
 - *Statistics on the use of "shared services" for rental/accommodation or transport services, via web pages or applications, such as AirBnB, Uber, etc.* (Regulation to be adopted implementing Regulation 808/2004).
- ENVIRONMENT
 - *Environmental Protection Expenditure Accounts (EPEA) and Environmental Goods and Services Sector Accounts*. Completion of the above accounts in full consistency with the corresponding National Accounts data (Regulation 538/2014).
 - *Forest accounts*. Production of supplementary forest accounts to those already produced, in the framework of a "gentlemen's agreement".
- PRICES
 - *Price statistics on hospital services*, in the framework of the European programme for Purchasing Power Parities (Regulation 1445/2007).
 - *Price indices for dwellings and owner-occupied dwellings* (Regulation 93/2013).

2. Satisfying users' needs

ELSTAT collects the comments and requests of the participants in its annual User Conferences, as well as the results of the User Satisfaction Survey it conducts with the aim of improving its statistical product and the services provided, as well as identifying new needs and requirements for the production of statistics. ELSTAT, taking into consideration the comments and contributions made by the participants in the six User Conferences it has conducted, as well as the results from the User Satisfaction Survey, has recorded the identified needs of users (including the needs of policymakers) and has included them in its priorities for the three-year period 2017 – 2019.

In this context, in 2017 ELSTAT is planning to:

- Produce statistics on education expenditure.
- Produce statistics on post-secondary non-tertiary education (Vocational Training Institutes and Colleges).
- Compile, on a monthly basis, and present average value and volume indices for external trade statistics.
- Compile physical energy flow accounts.
- Redesign the survey on arrivals by charter flights, as well as the survey on yachts, on the basis of a relevant feasibility study, with a view to conducting these surveys in 2018. (This work was not carried out in the previous three-year period (2014 – 2016), as scheduled).
- Explore, with the cooperation of an external expert, the possibility to enhance the accessibility of researchers to analytical raw data of its surveys (confidential data for scientific purposes and anonymised microdata of

statistical surveys), while ensuring the observance of statistical confidentiality and of statistical ethics. It is noted that ELSTAT has already developed and published on its website specific procedures for the provision of the aforementioned data and has taken the necessary steps to accelerate the procedures for their provision.

- Continue redesigning the samples of sample surveys on households, so that they allow producing highly reliable results at a lower level of administrative division of the Country. ELSTAT has started to gradually increase the sample size of the Survey on Income and Living Conditions (EU-SILC), with the aim of producing results at the level of Region (NUTS 2). This action started in 2015 and will be completed with the 2018 survey, with the production of results at the level of Region.
- Further exploit data from administrative sources and use new technologies, aiming at improving the quality and reducing the time of production of statistical results in various areas, such as in the areas of business, education and health statistics.
- Address the issue of discrepancies observed between statistics referring to the same variable that are produced by different entities, in the framework of the conduct by ELSTAT of the certification of the statistics of the ELSS agencies. (This work was not carried out in the previous three-year period (2014-2016), as scheduled).

Moreover, following the adoption of the 2030 Agenda for Sustainable Development by the international community in September 2015, ELSTAT intends to provide methodological guidance to the ELSS agencies for the compilation, within their competences, of Sustainable Development Indicators and to include these indicators in the process of the certification process of statistics of ELSS agencies, with a view to ensuring their quality so they can be used for the mapping out of appropriate policies.

C. OTHER CHANGES IN THE COMPILATION AND DISSEMINATION OF STATISTICS

Compliance with EU Regulations and adaptation to users' needs, in combination with constraints in terms of the available human and financial resources, necessitate changes: improvements, revisions and discontinuations in the production and dissemination of statistics. The following changes are planned for 2017:

- INTERNATIONAL TRADE
 - *Production of statistics on international trade in goods with EU countries*, with the integration, on a pilot basis, of new variables (country of origin and VAT registration number of partner - "Partner ID").
 - *Revision of the methodology for the production of external trade statistics on vessels and aircrafts*, by changing the principle of economic ownership in accordance with the European institutional framework.
- EDUCATION
 - *Discontinuation of the surveys on primary, secondary and tertiary education (beginning of the school/academic year), as from reference year 2016*, due to the impending automation of the collection of education data through the systems GUnet and myschool, which will result in the timely production and dissemination of the relevant statistics.
- JUSTICE
 - *Revision of the methodology for the conduct of surveys on civil and criminal justice (Survey on Courts of First Instance /Courts of Appeal, Survey on Magistrate's Courts, Survey on Convicts)*, due to automation of data collection through the "Integrated System for the Management of Judicial Cases of Civil and Penal Justice" of the Ministry of Justice, Transparency and Human Rights and the implementation of an intermediate transitional stage, during which part of the survey data will be collected by the Ministry. This is expected to result to a more complete submission of data by the Courts, but also to changes in the collected variables, which will have some impact on the comparability of the tables with previous years. The first stage of the revision will be completed within 2017 for the surveys with reference year 2016.
 - *Discontinuation of the Survey on the Prisoners Detained for Debts as from reference year 2016*, due to its integration to the Survey on Prisoners.
 - *Revision of the methodology for the conduct of the Survey on Prisoners*, due to automation of data collection through the implementation of the project "Integrated Information System of Detention Facilities" of the Ministry of Justice, Transparency and Human Rights. The revision will be completed within 2017 for the survey with reference year 2016.

- INFORMATION SOCIETY
 - *Discontinuation of the production of statistics concerning the devices for connecting to the internet from home, the use of smart TV and advertising on social media and e-shopping*, which were included in the Survey on the Use of Information and Communication Technologies (ICT) by households and individuals, with reference year 2017, in order to reduce the burden of the survey questionnaire (Regulation to be issued implementing Regulation (EC) No 808/2004 of the European Parliament and of the Council).
- ROAD TRAFFIC ACCIDENTS
 - *Revision of the methodology for the conduct of the Survey on Road Traffic Accidents*, due to automation of data collection through the Integrated Information System for the collection and management of data on road traffic accidents of the Hellenic Police. The revision is expected to be completed within 2017 for the survey with reference year 2016.
- PRICES
 - *Discontinuation of the survey on the average prices of consumer goods*, starting with the reference year 2016, since the production of these data is covered by other surveys.

D. IMPROVING THE QUALITY OF PRODUCED STATISTICS

In 2017, ELSTAT will continue to carry out actions aiming at ensuring and further improving the quality of produced statistics and upholding users' confidence in them. These objectives will be accomplished by fully implementing the Greek and EU legal and statutory framework on statistics and by adopting the highest standards and best practices of the European and international statistical system. This framework consists of the Greek Statistical Law No 3832/2010, as amended and in force, Regulation (EC) No 223/2009 on European Statistics, as amended by Regulation (EU) 2015/759, the European Statistics Code of Practice (CoP), EU Regulations on statistics, the Regulation on the Statistical Obligations of the Agencies of the ELSS, the Regulation on the Operation and Administration of ELSTAT and the Memoranda of Cooperation between the agencies of the ELSS. The implementation of the Commitment on Confidence in Statistics, which was signed by the Greek Government and the European Commission in 2012, is crucial for the achievement of the objectives.

Among the specific actions to be undertaken by ELSTAT, aimed at accomplishing the aforementioned objectives are: the continuation of the certification process of the statistics of ELSS agencies; the continuation of the self-assessment of the statistics produced by ELSTAT; and the completion of the remaining actions included in the multidimensional Joint Overall Statistical Greek Action Plan (JOSGAP), which was agreed with Eurostat in 2010 with the aim of harmonising the Hellenic Statistical System with the European one. The JOSGAP actions were complemented by the improvement actions intended to implement the recommendations of the Report of the Peer Review, which took place in Greece in November 2014, in the framework of the respective peer reviews which were conducted in all EU Member States and EFTA countries.

Besides the aforementioned actions, a series of other actions is envisaged in areas such as: using technology to upgrade data collection; harnessing administrative data sources for the production of statistics; reducing the burden on respondents; training the staff of ELSTAT and of the other ELSS agencies.

1. Joint Overall Statistical Greek Action Plan

ELSTAT will continue the implementation of the actions of the Joint Overall Statistical Greek Action Plan (JOSGAP), aiming at the full harmonisation of the Hellenic Statistical System with the European Statistical System. During 2010 – 2012 new actions were added to the actions included in the initial version of JOSGAP, when it was first launched in 2010, in order to cover issues that had not been included in the initial version. In 2015 the actions of pillar A of JOSGAP, which aim at strengthening the institutional framework of the ELSS, were complemented by the improvement actions decided in the context of the implementation of the recommendations of the Peer Review Report.

A significant number of these actions of JOSGAP have been completed or are at the stage of completion. The greatest progress has been achieved as regards the implementation of the actions under Pillar C of JOSGAP, which aim at enhancing the quality of Greek government finance statistics. These actions have almost been completed. ELSTAT will focus on the completion, by the end of 2017, of the main part of the actions of the other two pillars, namely A and B, of JOSGAP.

Regarding the actions of pillar A, priority will be given, in the very near future, on the completion and adoption of the Regulation on the Statistical Obligations of the ELSS Agencies and the Regulation on the Operation

and Administration of ELSTAT, in the context of the relevant recommendations of the Peer Review Report, so as to incorporate all the developments that took place both in ELSTAT and the ELSS, arising from, inter alia, the amendments in the national and European statistical legislation. In the same context, particular emphasis will be put on the completion and adoption of the new organisation of ELSTAT, by the end of the current year, so as ELSTAT to operate since the beginning of 2017 on the basis of its new Organisation. The certification of the statistics of ELSS agencies will remain an important action of ELSTAT in 2017.

As regards the actions of Pillar A under the competency of the Government that concern the longitudinal support of ELSTAT's operation, ELSTAT will intensify its efforts for ensuring the human and financial resources that are necessary for the implementation of its statistical work programme. Referring to the access of ELSTAT to tax data, there was a positive development for ELSTAT. After the latest amendment of the tax law, in November 2015 –enabling the provision to authorized ELSTAT's staff and authorized persons by ELSTAT⁽²⁾ of both aggregated and non-anonymized tax data by VAT number, which are kept in Tax Authorities, in the framework of the responsibilities of ELSTAT– and the relevant opinion of the Hellenic Personal Data Protection Authority, to which the General Secretariat of Public Revenue (GSPR) addressed for the examination of the lawfulness of the provision of the above tax data to ELSTAT, on the 23rd of May 2016 started the flow of tax data from the GSPR to ELSTAT, in accordance with the provisions of the updated Memorandum of Cooperation between ELSTAT, GSPR, GSIS and IKA that was signed in 2014.

As concerns the actions under pillar B of JOSGAP, which aim at improving the processes and capacity for the production of statistics in Greece through a programme of short-term and medium-term technical assistance provided by Eurostat to ELSTAT, the contribution of the experts of the European Statistical System in the implementation of these actions, since the launch of JOSGAP hitherto, was decisive. In this context, ELSTAT will seek the continuation of the provision of expertise by these experts, in particular on National Accounts, Environmental Statistics, Foreign Trade Statistics and Structural Business Statistics. After the completion, in 2015, of seven (7) out of eight (8) sub-projects of the project for upgrading the existing infrastructure and services provided by ELSTAT in the field of information and communications technologies (ICT), ELSTAT will seek the development and completion of the 8th sub-project pertaining to the Human Resources Management System (HRMS) of ELSTAT. Furthermore, ELSTAT will continue to carry out training series on specialised statistical topics, for the training of both its staff and the staff of the other ELSS agencies.

2. Certification of the statistics produced by the ELSS agencies

The certification by ELSTAT of the statistics produced by the other ELSS agencies is an important factor and a tool for enhancing the quality and reliability of ELSS statistics.

In 2015, ELSTAT completed the basic stage of the certification process of the statistics of all ELSS national authorities, on the basis of the main document used for the certification of statistics of ELSS agencies, entitled "Statement of Principles and Procedures for the Certification of ELSS Statistics". On the basis of the same document, ELSTAT is planning to conduct, by the end of 2016, the basic stage of the certification process of the statistics of the remaining ELSS agencies. In 2017, ELSTAT will continue the certification process of the statistics of the ELSS agencies that will have completed the implementation, by providing the relevant evidence, of all the basic actions they have undertaken to implement in accordance with the findings of ELSTAT from the basic stage of the certification process.

During the same period, ELSTAT will continue the self-assessment of its statistics, which has already initiated, so as, in combination with the certification of statistics of ELSS agencies and the overall coordination by ELSTAT of the statistical works of ELSS, to improve the comparability and consistency of ELSS statistics.

3. Coordination of the ELSS agencies

ELSTAT in the context of the coordinating role it has undertaken in the ELSS, pursuant to the Greek Statistical Law 3832/2010, as in force, has signed memoranda of cooperation with the other ELSS agencies, which set out the framework for the cooperation with the aforementioned agencies in specific statistical areas. Furthermore, by virtue of the aforementioned Law and the Regulation on the Statistical Obligations of the ELSS agencies, it collects, on a yearly basis, information on the planned statistical works of the other ELSS agencies for the following year, as well as on the implementation of their statistical works of the previous year.

(2) It refers to external experts providing technical assistance to ELSTAT on various statistical areas. These experts sign a Statistical Confidentiality Declaration and are liable to the same penal and administrative sanctions applied to ELSTAT's employees in case of breach of statistical confidentiality.

With a view to reinforcing the coordination within and between the ELSS agencies and pursuant to a relevant recommendation of the Peer Review Report, ELSTAT has asked all ELSS agencies to appoint their statistical head, in accordance with the provisions of principle 1 of the European Statistics Code of Practice. All the above agencies, with the exception of the Bank of Greece, have appointed a statistical head. The role of the Bank of Greece within the ELSS and its cooperation status with ELSTAT will be reviewed.

In addition, pursuant to a relevant recommendation of the Peer Review Report, ELSTAT, in 2016, proceeded to the establishment of the Coordination Committee of the ELSS, which consists of the aforementioned statistical heads and it is chaired by the President of ELSTAT. The work of the Coordination Committee of the ELSS is to provide its opinion to ELSTAT on the Regulation on the Statistical Obligations of the ELSS agencies, the priorities of the ELSS, on the basis of the developments at national and international level and on the measures aiming at reducing the administrative response burden of the ELSS agencies, as well as on other issues pertaining to the production of statistics within the ELSS. The Committee is going to start its work in 2016 and is expected to contribute effectively to strengthening the coordination of ELSS activities.

The coordination between the ELSS agencies is expected to be further reinforced in the context of the certification as "official" of the statistics produced by the above agencies, which will continue in 2016 and 2017.

4. Using technology to upgrade data collection

In 2017, ELSTAT, as envisaged in the Hellenic Statistical Programme (ELSP) for 2017 – 2019, will carry on the actions for taking full advantage of the possibilities offered by the new technologies for data collection, with the aim of optimising the relevant procedures, especially with regard to saving time and resources.

More specifically, in 2017 ELSTAT will undertake the following actions concerning the use of new technologies:

- Use of a web application for the collection and processing of data of the Survey on the Production and Sales of Industrial Products (PRODCOM). This web application, whose development is planned to be completed by the end of 2016, will contribute to collecting more easily the data from enterprises and to processing the data in a faster and sounder manner.
- Development of a web application for the collection of data of the Job Vacancy Survey, the Survey for the compilation of Labour Cost Indices and the Survey for the Compilation of Short-term Employment Indices.
- Development of web applications for the collection of data of the Survey on Income and Living Conditions of Households (EU-SILC), with the aim of timely collection of data and the reduction of the production cost of the relevant statistics.
- Collection, by electronic means, of the primary data of the Survey on Domestic and International Commercial Traffic in the main Greek ports of Merchant Ships, with a view to accelerating and simplifying the whole procedure for the collection of primary data.
- Development of a web application for the collection of data for the compilation of the indices produced by the Retail Sales Indices Section.
- Automated collection of aggregate data from the Ministry of Justice, Transparency and Human Rights for the production of Civil and Penal Justice Statistics, until the entry into full operation of the "Integrated System for the Management of Judicial Cases of Civil and Penal Justice" of the Ministry, when ELSTAT will be interconnected with the application of the above Integrated System. This interconnection will take place by the development of a web application through which the required data will be collected, at an initial stage from all the judicial authorities of Athens, Piraeus, Thessaloniki and Chalkida, and gradually from the other judicial authorities of Greece. The full operation of this application is expected to contribute to improving the quality and timeliness of the produced statistics. Until the completion of the aforementioned web application, ELSTAT is exploring its interconnection with the National Criminal Register.
- Development of a web application for the collection of the necessary data on prisoners for the production of the Penitentiary System Statistics through the project "Integrated Information System of Detention Facilities" of the Ministry of Justice, Transparency and Human Rights.
- Development of a web application for the collection of the required data on road traffic accidents. This application will contribute to the automation of data collection through the interconnection of ELSTAT with the application of the project "Integrated Information System for the collection and management of data on road traffic accidents and imposition of penalties on road traffic" of the Traffic Police Directorate of the Hellenic Police.

5. Utilising administrative data sources for the production of statistics

With a view to improving the quality and timeliness of the statistics produced, while saving human and financial resources and reducing the burden on respondents, the European and international statistical community has focused, during the last years, on the exploitation of administrative data sources and, recently, of Big Data⁽³⁾. The relatively recent amendment of Regulation 223/2009 on European statistics reinforces the right of the National Statistical Institutes to have access to all administrative records and to use them for the production of European statistics. It also gives the right to the National Statistical Institutes to be consulted on, and involved in, the initial design and subsequent development of administrative records so as to make them more suitable for their use for the purpose of producing statistics.

During the last 6 years, ELSTAT has given particular emphasis on further utilising data that are available in the Country's administrative sources. In this context, ELSTAT has signed memoranda of cooperation with ELSS agencies and has developed a close cooperation with the administrative data sources.

Aiming at improving the quality and timeliness of the Statistical Business Register, of the Structural Business Statistics and of the National Accounts of the Country, ELSTAT signed, in November 2011, a Memorandum of Cooperation with the General Secretariat for Information Systems (GGIS) and the Social Insurance Institute (IKA), which nevertheless was not implemented. In April 2014, this memorandum was updated with the participation of the General Secretariat for Public Revenue (GSPR) to the signatory parties, however its implementation delayed significantly due to reservations of the GSPR on supplying to ELSTAT the tax data provided for in this memorandum, and despite the relevant amendments in the Tax Law 4174/2013 — the latest amendment in the Tax Law took place in November 2015. Finally, after a relevant opinion of the Hellenic Personal Data Protection Authority, as above mentioned, the implementation of the memorandum started on the 23rd May 2016.

In addition to the benefits in the area of improving the quality and timeliness of the Statistical Business Register, of the Structural Business Statistics and of the National Accounts of Greece that are expected to arise with the full implementation of the memorandum, the provision of the above data to ELSTAT will contribute to the radical reduction of the nuisance to enterprises and of their burden for filling in questionnaires, as well as to the significant saving of human and financial resources. In parallel, there will be exploitation of the tax data for the production of economic short-term indices.

BOX 1

Advantages of using administrative data, including tax data, for the production of business statistics

- Full coverage (100 %) of the surveyed population of enterprises, since the administrative sources possess information for all the enterprises (large, medium and small).
- Better representation of the business data on GDP, since the administrative data provide information for all small and medium-sized enterprises for which data collection through sample surveys presents both difficulties and also the resulting estimates are subject to sampling errors. In addition, economic activity branches for which statistical surveys are not conducted are covered.
- Improvement of the quality of the produced statistics, since there is no sampling error.
- Significant reduction of the cost and production time of statistical information.
- Significant reduction of the administrative burden on enterprises, as provided for in Principle 9: "Non-excessive burden on respondents" of the European Statistics Code of Practice.
- Possibility to investigate the relations of the units of national and multinational enterprise groups.
- Possibility to generate new statistics by combining data at micro level (enterprise level) from already existing data in administrative sources and surveys, without the need to conduct new surveys for their compilation, which create overlaps, thus increasing both the administrative burden on enterprises and the cost of producing statistical information.

The effective utilisation and use of administrative data —especially of tax data— requires the processing by ELSTAT of personalised data. The necessity of the use by ELSTAT of personalised tax data for the production of business statistics arises from the following:

(3) The term "Big Data" means data sets with very large sizes, ranging from a few dozen terabytes to several petabytes. The Big Data require a number of new techniques and technologies for their processing.

The tax data, as a data source for compiling statistics, cannot be used as such. The requirements of EU Regulations on European statistics presuppose the implementation of uniform, harmonised definitions for the statistical units, their transactions and their classification modes. In addition, pursuant to the above Regulations, the production and publication of statistics follow specific time schedules. On the other hand, the tax data are collected through the tax forms, in accordance with the national tax legislation, so that the bound units for submitting tax forms and the collected variables do not fully coincide with the statistical units and variables, respectively. Furthermore, the time schedule for the submission of the various tax forms does not always match the specific time schedules for the production and publication of business statistics.

Consequently, the tax data to be supplied to ELSTAT must be personalised so that it is possible, with the proper treatment, to be transformed from data of tax variables of tax units to data of statistical variables of statistical units, by the integration in this process of other personalised data, either from other administrative sources and big data or from direct statistical surveys of ELSTAT. Depending on the statistical work to be used, the same tax data require the analogous processing. It is noted that, according to the results of a recent investigation of ELSTAT among European countries, as regards the use of tax data for the production of structural business statistics and of short-term economic indices, the majority of these countries uses for this purpose personalised tax data covering all the enterprises.

In the framework of the above updated Memorandum of Cooperation with GSPR, GSIS and IKA, ELSTAT compiled an Implementation Plan, which describes the implemented measures for ensuring the security of transmitted data to ELSTAT at each stage of their throughput. At the same time, it developed the necessary technical and physical infrastructure for the safe receipt, storage and processing of these data.

The aim of ELSTAT for 2017 is the continuation of the successful implementation of the memoranda of cooperation that have been concluded and put in place, and their update, when and as required, for the satisfaction of the needs of the country's statistics. In addition, ELSTAT will seek the continuation and further development of the cooperation with administrative data sources, with formalisation of this cooperation through the signing of memoranda of cooperation, where required.

ELSTAT is planning to develop/continue, in 2017, the cooperation with administrative data sources, aiming at maximising their utilisation for covering the needs of specific statistical surveys/works. Indicatively, among the above actions are the following:

- Development of cooperation with the Ministry of Labour, Social Security and Social Solidarity for the collection of data from the Program "ERGANI" for the needs of the Job Vacancy Survey.
- Development of cooperation with the Social Insurance Institute (IKA) and the Hellenic Single Payment Authority (EAP) with the aim of collecting data on salaries in the private and public sector for the needs of Labour Cost Indices.
- Investigation of the utilisation of the Greek Academic Network (GUNet) and evaluation of the available information in the platform of this system for the collection of data and the production of results pertaining to the university and technological sectors of tertiary education. The use of the platform will prevent the additional burden on surveyed units for completing ELSTAT's questionnaires and will allow the reduction of the data collection and processing time, the faster production of results and the improvement of their reliability.
- Development of cooperation with the GSPR/GSIS for the supply of the administrative data that are necessary for completing the creation of the Statistical Register of Vehicles, as well as for its updating at regular intervals, with a view to using this register as a sampling frame for the purposes of ELSTAT's sample statistical surveys in the road transport sector and the production of more accurate data on the fleet of Country's vehicles.
- Implementation of the memorandum of cooperation between ELSTAT and the Ministry of Economy, Development and Tourism that was signed in January 2013 and is currently under revision, which provides for the exchange of information regarding the compilation of statistics in the tourism sector and the needs of the Tourism Satellite Account and of the Hellas Tourism Observatory. The implementation of this memorandum will result in reducing the burden and cost of the relevant statistical surveys, as well as in improving the quality and availability of tourism statistics from 2017 onwards.
- Continuation of the cooperation with the Payment and Control Agency for Guidance and Guarantee Community Aid (OPEKEPE) for the annual updating of the Statistical Farm Register of ELSTAT, with the least possible burden on the holders of agricultural and livestock holdings, through the use of administrative records data of the above Agency.

6. Reducing the burden on respondents

As mentioned above, in 2017, ELSTAT will continue to focus its efforts on better utilising the available data in Country's administrative sources, aiming thereby at the reduction of the burden on respondents, in addition to improving the quality and timeliness of produced statistics and to saving human and financial resources. In the previous Section the planned actions of ELSTAT for 2017, as regards the utilisation of administrative data sources, were mentioned indicatively. These actions, if implemented, are expected to contribute drastically to the reduction of the burden on respondents.

In addition to the aforementioned actions, ELSTAT participates in the following projects of the European Statistical System, which are included in the portfolio of projects of the ESS Vision 2020:

- a) Pilot project SIMSTAT of the European Union concerning the implementation of a new system of collecting data for international trade transactions, which is an innovative approach for the simplification of the system for the collection of data on intra-Community trade (Intrastat). This programme provides for the collection of data only on intra-Community trade dispatches for all the countries, which will be transmitted to/exchanged among the relevant interested countries, thus abolishing, totally or partially, the collection of data on intra-Community arrivals. This project, if implemented, is expected to contribute significantly to reducing the administrative burden of enterprises, while at the same time maintaining the quality of data, through the exchange and reuse of microdata on intra-Community trade among the Member States.
- b) Project "Re-design of Intrastat", which is considering other alternative methods for reducing the burden on enterprises in the framework of intra-Community trade. This project aims at elaborating an operational feasibility study by evaluating a wide range of alternative methods that combine quantitative and qualitative criteria for the selection of the best method for compiling intra-Community trade statistics; this method will contribute, on one hand, to the reduction of the burden on enterprises and, on the other hand, to the production of high quality statistical information.

The detailed actions for 2017 with respect to the above projects are expected to be finalised in the second semester of 2016, following the relevant guidelines of the European Statistical System Committee.

- c) Project ESSnet BIG DATA, whose main purpose is the investigation of "Big Data" sources for their integration in the production of official statistics in the ESS. ELSTAT considers important the work being done for the integration of Big Data in the compilation of official statistics. Therefore, it is following with particular interest, inter alia, the issues pertaining to the development of the relevant methodology, as well as the quality issues associated with the Big Data. The development of a joint action plan and roadmap on Big Data at ESS level constitutes a medium-term objective, which can be achieved through the ESS Vision 2020, thus enabling the ESS to respond to data revolution and the use of new sources in the production of official statistics. ELSTAT participates in the following two sub-projects of the project:
 - sub-project for the exploitation of web data to develop job vacancy statistics, by developing the relevant applications for automatic extraction of data from the websites of enterprises, and
 - sub-project for the exploitation of data collected from the transmission signal of the position of ships through the Automatic Identification System (AIS). These data are collected worldwide and therefore can be used to improve the quality of statistics on vessel traffic and traffic in ports, as well as to develop models for measuring air emissions.

It is noted that, in the same above framework and for implementing a relevant improvement action that was developed on the basis of the Peer Review Report, ELSTAT has already started to add on its survey questionnaires a question pertaining to the time needed for filling in the questionnaire. The collected answers will be used by ELSTAT for the compilation of evaluation reports on the response burden of the surveyed units. These reports will be updated on a yearly basis.

E. ENHANCING ACCESSIBILITY OF PRODUCED STATISTICS

1. Upgrading the portal of ELSTAT

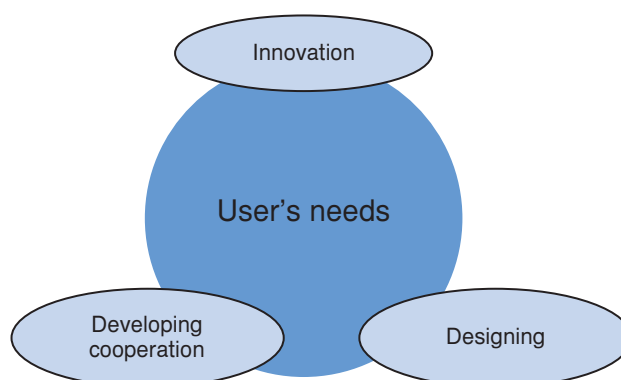
The upgraded portal of ELSTAT, which was put into operation in 2015, is being enriched and improved. During 2017, ELSTAT will continue to improve the various aspects of the layout and content of its portal, as well as enhance the other dissemination modes for its statistics, with a view to fulfilling users' needs both at national and international level, in line with the evolving international standards and in the framework of the objectives of the ESS Vision 2020.

ELSTAT has already proceeded to the development of targeted actions intended to improve the accessibility of statistical information and is planning additional actions for this purpose in 2017. Some of these actions are outlined below:

- Digitisation of all the settlements counting more than 700 people, on the basis of the 2011 Population and Housing Census data, in the framework of preparing the necessary cartographic material to be used for the conduct of the 2021 Population and Housing Census and of responding to the need for a complete geographical correlation of statistical data with the cartographic base. The digitisation will take place at the level of city blocks, road axes and geographical orientation points.
- Compilation of a list of statistical products of ELSS agencies, with the aim of creating on the portal of ELSTAT, within the following three years, of a special "hub" providing information on and access to the main statistical products of the ELSS. This "hub" will provide information on the statistical production of each ELSS agency, as well as links to the relevant websites. This action has started since 2016 and will continue in 2017, in the framework of the certification process of the statistics of ELSS agencies by ELSTAT.
- Enrichment of the website of ELSTAT with more tables, as well as with quarterly Press Releases (in addition to the annual one) of the Survey on Road Freight Transport.
- Redesign of the tables and metadata of the 2016 Road Traffic Accidents Survey, upon the completion of the interconnection of ELSTAT (web application) with the project "Integrated Information System for the collection and management of data on road traffic accidents and imposition of penalties on road traffic" of the Traffic Police Directorate of the Hellenic Police.
- Redesign of the tables and metadata of the 2016 Survey on Prisoners (convicts and under trials) and on Prisoners Detained for Debts, which, from 2016 onwards, will be collected automatically through the interconnection of ELSTAT with the project "Integrated Information System of Detention Facilities" of the Ministry of Justice, Transparency and Human Rights. Elaboration of a relevant Press Release to be issued on a yearly basis.
- Redesign of the tables and metadata of Civil and Penal Justice statistics, when the project "Integrated System for the Management of Judicial Cases of Civil and Penal Justice" of the Ministry of Justice, Transparency and Human Rights is put into full operation and the interconnection of ELSTAT with this system is achieved. Elaboration of a new Press Release to be issued on a yearly basis.
- Consideration of a possible reform of the tables on Education Statistics published on the website, with improvement of their format and in line with the tables submitted to Eurostat.

During the next three years, ELSTAT aims to adopt a new dissemination and communication strategy, placing users at the heart of its activities, (see Box 2), with a view to enhancing its recognition and users' confidence in official statistics.

Box 2: Schematic diagram of the dissemination strategy



More specifically, ELSTAT, in the context of modernising and upgrading its statistical products and services, will put special emphasis in 2017 on the following:

- categorisation and analysis of the needs of users, aiming at creating products and services covering their specific needs,
- development of communication tools (visualization tools, animation, interactive tools and applications) in the context of upgrading dissemination,
- further development of the infrastructure for access to open data and microdata of statistical surveys in a machine-readable format, and availability of the tailor-made statistics on the portal of ELSTAT, on the condition of ensuring the statistical confidentiality of data. This publication, for Greece, will be in line with the respective content/pattern of Eurostat and will refer to high added value data for the whole of Greek territory.

To achieve the above, ELSTAT will focus its efforts on the full exploitation of digital tools with a view to creating innovative products, in the framework of implementation of the DIGICOM project, which is included in the portfolio of projects of the ESS Vision 2020 and in which ELSTAT participates.

Apart from the aforementioned actions, ELSTAT is planning, for 2017, to redesign its intranet, with a view to improving and accelerating the procedures for updating the content of its portal.

2. Fostering statistical literacy

ELSTAT, taking advantage of the experience gained from the implementation of the project on "Fostering Statistical Education", through the provision of guided tours to groups of pupils and students on its premises, during the period 2014 – 2016, will continue this action in 2017.

In the framework of developing statistical literacy, ELSTAT will create, in 2016, as provided for in its 2016 Annual Statistical Work Programme, a specialised statistical webpage addressed to people aged 6 – 18 years old, in an effort to bring pupils closer to statistical science. This webpage will be further enriched in 2017.

F. CONFERENCES ORGANISED BY ELSTAT

1. Organisation of the 2017 User Conference

ELSTAT, acknowledging the usefulness of the results of the User Conferences in updating and improving its statistical product but also in upgrading the services provided, has established the organisation of user conferences on a yearly basis. In this context, a 8th User Conference will be organised in 2017.

2. Organisation of conference for the EU-SILC survey

ELSTAT has planned to co-organise with Eurostat and the network Net-SILC3⁽⁴⁾ a three-day conference, in November 2017, for the needs of the Survey on Income and Living Conditions (EU-SILC).

G. ESTIMATED EXPENDITURE FOR THE IMPLEMENTATION OF THE STATISTICAL WORK PROGRAMME

The implementation of the 2017 Statistical Work Programme of ELSTAT presupposes the provision of the necessary financial resources from the State Budget and Eurostat, as well as the reinforcement of ELSTAT with the required and appropriate human resources. In the framework of the Medium-Term Fiscal Adjustment Programme of Greece for 2016 – 2019, ELSTAT has estimated the minimum human resources that are required for fulfilling its obligations, as the National Statistical Institute, which amount to 930 employees. The Commitment on Confidence in Statistics expressly lays down commitments for the Greek Government and the Greek State to reinforce ELSTAT with the necessary human resources, in order for ELSTAT to fulfill all its obligations at national and European level and to provide users with high quality statistics.

(4) The network Net-SILC3 is funded by Eurostat and has as members research institutes, the Central Bank of Italy, representatives of six Statistical Services (Austria, Finland, France, Luxembourg, Norway, United Kingdom), researchers and academics. The main objectives of the Net-SILC3 is to conduct methodological work and comparative socio-economic researches using data of the EU-SILC survey, to develop common tools and approaches on various aspects of data production and to manage the overall scientific organisation of the international conferences for the EU-SILC survey.

In the framework of the Medium-Term Fiscal Adjustment Programme of Greece for 2016 – 2019, ELSTAT has undertaken a budgeting exercise for the expenditures that are required for the implementation of its statistical works for 2017.

The budgeted expenses for 2017 are estimated at a total of forty-one million one hundred and forty-seven thousand seven hundred and three euro (41,147,703 €). The above expenses are classified in the following categories:

- a) Labour cost (salaries of ELSTAT's staff, including basic salary, allowances (family allowance, liability position allowance, etc.), social security contributions, remuneration for overtime work, etc.).
- b) Expenses related to the staff's travel within Greece and abroad, i.e., travel, accommodation and daily allowance expenses for the employees of ELSTAT travelling:
 - In Greece, out of home or outside the office, for conducting statistical surveys in the field.
 - Abroad for participating in meetings, seminars, etc. organised by Eurostat and other international organisations.

This category also includes expenses related to the redeployment or detachment of ELSTAT's employees to other agencies in Greece or abroad.
- c) Other operating expenses, including expenses related to ELSTAT's buildings (Central and Regional Offices) such as rents, heating, communication, water supply, security, cleaning and maintenance costs, as well as expenses related to advertising and public relations, subscriptions, expenses for the provision of consumables (paper, stationery, medical and pharmaceutical supplies including materials for the maintenance and repair of premises and equipment), fuel, etc. This category also includes expenses for the provision of capital formation goods (furniture, PCs, printers, photocopiers and other office equipment), as well as the remuneration of external survey workers, who are used by ELSTAT for the collection of data of ELSTAT's statistical surveys.
- d) Projects financed by Eurostat (for the conduct of surveys, studies and other statistical works).

The following table presents the budget estimate of ELSTAT (in euro) for 2017, as submitted by ELSTAT in the framework of the Medium-Term Fiscal Adjustment Programme of Greece for 2016 – 2019, in comparison with the approved budget for 2016.

Table 1. ELSTAT budget estimate for 2017 by category of expenditure, according to the Medium-Term Fiscal Adjustment Programme of Greece for 2016 – 2019, in comparison with the approved budget for 2016 (rounded amounts)

Category of expenditure	2017	2016
Labour cost	26,943,698	22,253,000
Expenses related to staff travelling within Greece and abroad	722,063	587,636
Other operating expenses and cost for the provision of capital formation	11,830,611	12,049,784
Expenses for projects financed by Eurostat	1,651,332	1,734,447
Total	41,147,703	36,624,867
Expenses mirrored by revenues (amounts subject to withholding)	11,646,594	10,607,210
Grand Total	52,794,297	47,232,077

The labour cost for 2017 includes the estimated expenses, as submitted in the Medium-term Fiscal Adjustment Programme of Greece for 2016 – 2019, for 930 employees, who, as above mentioned, are the minimum human resources for ELSTAT to fulfill its obligations as the National Statistical Institute. The corresponding cost for 2016, is the approved budget for 2016, for 772 employees, in whom a small number of recruitments that were at an advanced evolution stage at the time of budgeting has been included.

The above estimated needs in human and financial resources are the minimum ones for the conduct of the statistical activities included in the 2017 Statistical Work Programme. Non-availability of the necessary resources will jeopardise the implementation of the Statistical Work Programme.

ANNEX

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
FISHERY						
C2030416	Survey on sea-fishery with motorised fishing vessels of 20HP and over	Yearly			X	
C2030516	Survey on aquacultures, fish-cultures	Yearly				X
EMPLOYMENT, WAGES AND LABOUR COST						
C5030116	Labour Force Survey (LFS)	Monthly	10-12			
C5030116	Labour Force Survey (LFS)	Quarterly	Q4			
C5030117	Labour Force Survey (LFS)	Monthly		1-3	4-6	7-9
C5030117	Labour Force Survey (LFS)	Quarterly		Q1	Q2	Q3
C5030216	Labour Force Survey (ad hoc module)	Yearly				X
C5050316	Job vacancy survey	Quarterly	Q4			
C5050317	Job vacancy survey	Quarterly		Q1	Q2	Q3
C5050716	Survey on the compilation of short-term labour indices	Quarterly	Q4			
C5050717	Survey on the compilation of short-term labour indices	Quarterly		Q1	Q2	Q3
C5050816	Survey on the compilation of labour cost indices	Quarterly	Q4	Q1	Q2	Q3
C5050817	Survey on the compilation of labour cost indices	Quarterly		Q1	Q2	Q3
C5050615	Continuous vocational training	Every 4 years				X
C7030216	Compilation of the index of persons employed in retail trade	Quarterly	Q4			
C7030217	Compilation of the index of persons employed in retail trade	Quarterly		Q1	Q2	Q3
MANUFACTURING						
C3010115	Survey on the production and sales of manufacturing products (PRODCOM)	Yearly	X			
C3020215	Structural survey in manufacturing, electricity and water supply	Yearly			X	
C3021315	Survey on iron and steel industry	Yearly		X		
C7040116	Compilation of the industrial production index ..	Monthly	11-12			
C7040117	Compilation of the industrial production index ..	Monthly	1	2-4	5-7	8-10
C7040216	Compilation of the turnover index in industry ..	Monthly	11-12			
C7040217	Compilation of the turnover index in industry ..	Monthly	1	2-4	5-7	8-10
AGRICULTURE - LIVESTOCK - FORESTRY						
C2020316	Survey on pigs livestock	Yearly			X	
C2020416	Survey on cattle livestock	Yearly			X	
C2020816	Survey on sheep livestock	Yearly			X	
C2020916	Survey on goats livestock	Yearly			X	
C2030115	Annual agricultural statistical survey	Yearly				X
PUBLIC FINANCE						
C1041416	Compilation of quarterly non-financial accounts of General Government	Quarterly	Q3	Q4		
C1041417	Compilation of quarterly non-financial accounts of General Government	Quarterly			Q1	Q2
C1041716	Excessive Deficit Procedure (EDP) annual notification	Half-yearly		X		X

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
PUBLIC HEALTH						
C6030115	Hospital census	Yearly		X		
C6030216	Follow up of the number of doctors and dentists	Yearly				X
C6030515	Survey on in-patient hospital care	Yearly				X
C6030716	Follow up of data on pharmacies – wholesale drugstores	Yearly			X	
C6030816	Follow-up of reported cases of infectious dis- eases	Yearly				X
C6031215	Health centers census	Yearly		X		
C6032016	Survey on pharmacists	Yearly			X	
C6032116	Survey on physiotherapists	Yearly				X
C6032215	Compilation of Health Accounts (System Health Accounts (SHA)	Yearly	X			
JUSTICE						
C6020115	Survey on Magistrate's Courts	Yearly		X		
C6020215	Survey on Courts of First Instance	Yearly				X
C6020315	Survey on Courts of Appeal	Yearly				X
C6020715	Survey on notaries	Yearly		X		
C6020815	Survey on Land Registries	Yearly		X		
C6020915	Survey on criminality	Yearly				X
C6021015	Survey on prisoners (convicts and under trials)	Yearly				X
C6021416	Survey on offenses of penal code	Yearly				X
NATIONAL ACCOUNTS						
C1010116	Estimation of macroeconomic aggregates of GDP	Yearly	X			X
C1011416	Compilation of macroeconomic data of institu- tional sectors of the economy	Yearly				X
C1010916	Compilation of supply-use / input-output tables	Yearly	X			
C1011216	Compilation of tables for ESA 2010 question- naire	Yearly	X			X
C1021416	Compilation of employment tables for ESA 2010 questionnaire	Yearly	X			X
C1030116	Compilation of non-profit institutions accounts .	Yearly	X			X
C1030316	Estimation of private consumption expenditure	Yearly	X			X
C1030416	Compilation of Economic Accounts for Agricul- ture (EAA)	Yearly	X			X
C1030717	First estimate of agricultural income	Yearly				X
C1030815	Compilation of economic accounts for forestry .	Yearly				X
C1030916	Compilation of analytical table of consumption expenditure	Yearly				X
C1031016	Second estimate of agricultural income	Yearly	X			
C1050114	Compilation of table of gross value added, by branch of economic activity, NUTS 2 and NUTS 3	Yearly	X			
C1050214	Compilation of table of employment by branch of economic activity, NUTS 2	Yearly	X			
C1050314	Compilation of table of gross fixed capital forma- tion by branch of economic activity and NUTS 2	Yearly	X			
C1050414	Compilation of regional table of per capita GDP by NUTS 2 and NUTS 3	Yearly	X			
C1050514	Compilation of regional Households Accounts .	Yearly	X			
C1050715	Compilation of regional accounts of agriculture - livestock	Yearly				X

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
C1051316	Compilation of flash estimates of the main macroeconomic aggregates on a quarterly basis	Quarterly	Q4			
C1051317	Compilation of flash estimates of the main macroeconomic aggregates on a quarterly basis			Quarterly		Q1
C1051416	Compilation of provisional estimates of the main macroeconomic aggregates on a quarterly basis	Quarterly	Q4			
C1051417	Compilation of provisional estimates of the main macroeconomic aggregates on a quarterly basis			Quarterly		Q1
C1051816	Compilation of quarterly sector accounts	Quarterly	Q3	Q1 Q4	Q2	Q3
C1051817	Compilation of quarterly sector accounts	Quarterly				
INCOME - LIVING CONDITIONS AND HOUSEHOLD BUDGETS						
C5040316	Survey on Income and Living Conditions (EU-SILC)	Yearly		X		
C5040316	Survey on Income and Living Conditions (EU-SILC)- ad hoc module: Statistics on the access of household to services		Yearly			X
C5040516	Household Budget Survey (HBS)	Yearly		X		
EDUCATION						
C5030316	Adult education survey	Every 5 years				X
C6010215	Survey on primary education: primary schools	Yearly				X
C6010316	Survey on foreign and repatriated pupils in primary education: primary schools	Yearly				X
C6010515	Survey on secondary education: lower secondary education	Yearly				X
C6010616	Survey on foreign and repatriated pupils in secondary education: lower secondary education	Yearly				X
C6010716	Survey on tertiary education: Technical, Vocational and Ecclesiastical Education - Students' Personal Statistical Questionnaire	Yearly				X
C6010815	Survey on tertiary education: Technical, Vocational and Ecclesiastical Education	Yearly				X
C6010915	Survey on special education	Yearly				X
C6011015	Survey on secondary education: upper secondary education	Yearly				X
C6011115	Survey on secondary education: technical, vocational and ecclesiastical education	Yearly				X
C6011215	Survey on primary education: nursery schools	Yearly				X
C6011316	Survey on foreign and repatriated pupils in secondary education: upper secondary education	Yearly				X
C6011416	Survey on foreign and repatriated pupils in secondary technical, vocational and ecclesiastical education	Yearly				X
C6011516	Survey on tertiary education: Universities - Students' Personal Statistical Questionnaire	Yearly				X
C6011615	Survey on tertiary education: Universities	Yearly				X
C6012115	Compilation of statistics on the Insitutes of Vocational Training	Yearly				X
C6012215	Collection of data on education expenditure	Yearly				X
C6012315	Survey on pre-primary education (nurseries)	Yearly				X

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
TRADE						
C4010116	Compilation of Statistics on the trading of goods between Greece and other EU Member States (intra-EU trade - Intrastat)	Monthly	11-12			
C4010117	Compilation of statistics on the trading of goods between Greece and other EU Member States (intra-EU trade - Intrastat)	Monthly	1	2-4	5-7	8-10
C4010216	Compilation of statistics on the trading of goods between Greece and third countries-special trade	Monthly	11-12			
C4010217	Compilation of statistics on the trading of goods between Greece and third countries-special trade	Monthly	1	2-4	5-7	8-10
C4010316	Compilation of average value and volume indices of international trade in goods statistics	Monthly	12			
C4010317	Compilation of average value and volume indices of international trade in goods statistics	Monthly	1-2	3-5	6-8	9-11
C4011315	Survey on Foreign Affiliates Trade Statistics (FATS)	Yearly			X	
C4012016	Compilation extra - EU trade statistics by Invoicing Currency	Every 2 years	X			
C4012115	Compilation of intra - EU trade statistics by business characteristics	Yearly		X		
C4012215	Compilation of extra - EU trade statistics by business characteristics	Yearly		X		
C4020616	Survey on the consumption of oil products . . .	Yearly		X		
C4020816	Survey on insurance companies	Yearly			X	
C4021215	Structural survey on business services (detailed section)	Yearly			X	
C4021415	Structural survey on enterprises performing real estate activities, information, professional, scientific and technical activities, and other services activities	Yearly			X	
C4021515	Structural survey on enterprises in the sectors of trade, repair of cars and motorcycles and retail sale of fuel	Yearly			X	
C7030116	Compilation of the turnover index in retail trade	Monthly	11-12			
C7030117	Compilation of the turnover index in retail trade	Monthly	1	2-4	5-7	8-10
C7030316	Compilation of the turnover index in wholesale trade	Quarterly	Q4			
C7030317	Compilation of the turnover index in wholesale trade	Quarterly		Q1	Q2	Q3
C7030416	Compilation of the turnover index in motor trade	Quarterly	Q4			
C7030417	Compilation of the turnover index in motor trade	Quarterly		Q1	Q2	Q3
ENERGY						
C3021416	Survey on the consumption of natural gas	Yearly		X		
C3031415	Compilation of physical energy flow accounts .	Yearly				X
INFORMATION SOCIETY						
C3021217	Survey on electronic commerce in enterprises	Yearly				X
C5040417	Survey on the use of information and communication technologies (ICT) in households by individuals	Yearly				X

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
SOCIAL PROTECTION AND SOCIAL SECURITY						
C4021316	Compilation of structural statistics on pension funds	Yearly			X	
C6030315	Survey on the activities of social security funds	Yearly		X		
C6030415	Compilation of statistics on accidents at work	Yearly		X		
C6031416	Survey on acts of adoption	Yearly			X	
C6031515	European System of Integrated Social Protection Statistics (ESSPROS). Production of quantitative data	Yearly		X		
C6031615	European System of Integrated Social Protection Statistics (ESSPROS). Production of data on the number of pensioners	Yearly		X		
C6031715	European System of Integrated Social Protection Statistics (ESSPROS). Production of data on net social benefits	Yearly				X
C6031815	European System of Integrated Social Protection Statistics (ESSPROS). Production of qualitative data	Yearly		X		
TRANSPORT - COMMUNICATIONS						
C4030116	Survey on the number and characteristics of motor vehicles in circulation	Monthly	12			
C4030117	Survey on the number and characteristics of motor vehicles in circulation	Monthly	1-2	3-5	6-8	9-11
C4030216	Survey on national and international road freight transport	Quarterly	Q3	Q4		
C4030217	Survey on national and international road freight transport	Quarterly			Q1	Q2
C4030316	Survey for the compilation of short-term turnover indices in the transport sector (STS)	Quarterly	Q4			
C4030317	Survey for the compilation of short-term turnover indices in the transport sector (STS)	Quarterly		Q1	Q2	Q3
C4030516	Collection of data on the traffic of Hellenic Railways	Yearly				X
C4030616	Collection of data on the traffic of Greek airports	Yearly				X
C4031516	Survey for the compilation of short-term indices in the information and communication sector (STS)	Quarterly	Q4			
C4031517	Survey for the compilation of short-term indices in the information and communication sector (STS)	Quarterly		Q1	Q2	Q3
C4031815	Structural survey on transport, storage and communication enterprises	Yearly			X	
C4031915	Structural survey on information and communication enterprises	Yearly			X	
C4032816	Compilation of statistics on road traffic of vehicles - compilation of vehicle-kilometres (VKM)	Ad hoc				X
C4032916	Compilation of statistics on the road network of Greece	Ad hoc				X
C4032616	Compilation of statistics on road transport by buses and coaches	Ad hoc			X	
C4032716	Compilation of statistics on transport through natural gas pipelines	Ad hoc			X	
C4032516	Survey on passenger mobility statistics	Ad hoc				X
C4050116	Collection of data on the laid up Greek and foreign merchant ships in Greek ports	Yearly	X			

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
C4050216	Survey on the activities of the shipbuilding and repairing industry	Yearly	X			
C4050316	Collection of data on the registered Greek seamen	Yearly	X			
C4050516	Collection of data on the traffic of Greek merchant ships in the main foreign ports	Yearly		X		
C4050716	Collection of data on the coastal shipping traffic by ship category in the Greek ports and by local ferry boats	Quarterly	Q2	Q3	Q4	
C4050717	Collection of data on the coastal shipping traffic by ship category in the Greek ports and by local ferry boats	Quarterly				Q1
C4050816	Collection of data on domestic and international commercial traffic of merchant ships	Quarterly	Q2	Q3	Q4	
C4050817	Collection of data on domestic and international commercial traffic of merchant ships	Quarterly				Q1
C4050916	Survey on persons injured on vessels and in sea areas under the competency of port authorities	Yearly	X			
C4051016	Survey on maritime accidents on Greek merchant ships of 100 GRT and over	Yearly	X			
C4051116	Survey on the Greek merchant fleet of 10 GRT and over	Monthly	11-12			
C4051117	Survey on the Greek merchant fleet of 10 GRT and over	Monthly	1	2-4	5-7	8-10
C4051416	Census survey on ships and crews (marine labour force)	Every 2 years				X
C4051715	Survey on structural statistics of shipping companies	Yearly			X	
C4051816	Compilation of turnover index in the maritime transport sector	Quarterly	Q4			
C4051817	Compilation of turnover index in the maritime transport sector	Quarterly		Q1	Q2	Q3
C6021316	Survey on road traffic accidents	Monthly	4-6	7-9	10-12	
C6021317	Survey on road traffic accidents	Monthly				1-3
C6021316	Survey on road traffic accidents	Yearly				X
CONSTRUCTION						
C3030116	Survey on building activity	Monthly	10-12			
C3030117	Survey on building activity	Monthly		1-3	4-6	7-9
C3030415	Survey on construction	Yearly			X	
C7020516	Compilation of the material cost index for the construction of new residential buildings . . .	Monthly	12			
C7020517	Compilation of the material cost index for the construction of new residential buildings . . .	Monthly	1-2	3-5	6-8	9-11
C7020616	Compilation of price indices of work categories and construction cost indices of new residential buildings	Quarterly	Q4			
C7020617	Compilation of price indices of work categories and construction cost indices of new residential buildings	Quarterly		Q1	Q2	Q3
C7040416	Compilation of the production index in construction	Quarterly	Q4			
C7040417	Compilation of the production index in construction	Quarterly		Q1	Q2	Q3

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
MINES						
C3020115	Survey on mines, quarries and salterns	Yearly			X	
ENVIRONMENT						
C3030614	Compilation of forest accounts	Yearly	X			
C3030714	Compilation of material flow accounts	Yearly	X			
C3030815	Compilation of NAMEA (National Matrix includ- ing Environmental Accounts) air emissions .	Yearly				X
C3030915	Compilation of environmental taxes accounts .	Yearly				X
C3031215	Compilation of environmental goods and serv- ices accounts	Yearly				X
C3031315	Compilation of expenditure accounts for the pro- tection of the environment	Yearly				X
C3030315	Compilation of water statistics	Every 2 years	X			
POPULATION						
C5020116	Collection of data on vital statistics	Yearly				X
C5020216	Compilation of life tables	Yearly				X
C5020316	Production of data on estimated population . . .	Yearly				X
C5020416	Survey on migration	Yearly				X
C5020715	Compilation of tables on causes of death	Yearly				X
CULTURE						
C6040116	Collection of data on museums and archaeolog- ical sites attendance	Monthly	9-11	12		
C6040117	Collection of data on museums and archaeolog- ical sites attendance	Monthly		1-2	3-5	6-8
C6040216	Survey on the activities of state - municipal the- atres and orchestras	Yearly				X
C6040616	Survey on the daily and periodical press (news- papers and magazines)	Yearly		X		
C6040716	Collection of data on the activities of the ephor- ates of antiquities	Yearly				X
C6040816	Survey on the cultural activities	Yearly				X
C6040916	Survey on art galleries	Yearly				X
PRICES						
C7010116	Compilation of the national and harmonised index of consumer prices (CPI and HICP) . .	Monthly	12			
C7010117	Compilation of the national and harmonised index of consumer prices (CPI and HICP) . .	Monthly	1-2	3-5	6-8	9-11
C7010816	Compilation of turnover indices in the services sector	Quarterly	Q4			
C7010817	Compilation of turnover indices in the services sector	Quarterly		Q1	Q2	Q3
C7011117	Compilation of Price indices for dwellings and owner-occupied dwellings	Quarterly				Q3
C7020116	Compilation of Agricultural Price Indices (API)	Monthly	11-12			
C7020117	Compilation of Agricultural Price Indices (API)	Monthly	1	2-4	5-7	8-10
C7020216	Compilation of cost indices for the factors of agri- cultural and livestock production	Yearly		X		
C7020316	Compilation of the producer price index in indus- try	Monthly	12			

DISSEMINATION OF RESULTS OF SURVEYS / WORKS BY THEME AND QUARTER OF 2017

Survey/ work code	Surveys/Works by theme	Periodicity	Dissemination of results			
			1st quarter	2nd quarter	3rd quarter	4th quarter
C7020317	Compilation of the producer price index in industry	Monthly	1-2	3-5	6-8	9-11
C7020416	Compilation of the Import price index in industry	Monthly	11-12			
C7020417	Compilation of the Import price index in industry	Monthly	1	2-4	5-7	8-10
C7021416	Compilation of Services Producer Price Indices (SPPI)	Quarterly	Q4			
C7021417	Compilation of Services Producer Price Indices (SPPI)	Quarterly		Q1	Q2	Q3
TOURISM						
C4040116	Collection of data on overnight stays of guests in hotels and similar establishments of Greece	Monthly	11-12			
C4040117	Collection of data on overnight stays of guests in hotels and similar establishments of Greece	Monthly	1	2-4	5-7	8-10
C4040216	Vacation survey (survey on the demand for tourism services in Greece)	Yearly		X		
C4040316	Collection of data on arrivals of non-residents in Greece	Quarterly	Q3	Q4		
C4040317	Collection of data on arrivals of non-residents in Greece	Quarterly			Q1	Q2
C4041115	Structural business survey in hotels and restaurants sector	Yearly			X	
C4041216	Compilation of the turnover index in hotels and restaurants sector	Quarterly	Q4			
C4041217	Compilation of the turnover index in hotels and restaurants sector	Quarterly		Q1	Q2	Q3
C4041316	Survey on overnight stays in rooms for rent in Greece	Monthly	11-12			
C4041317	Survey on overnight stays in rooms for rent in Greece	Monthly	1	2-4	5-7	8-10

* Provisional data.

Note: The last two digits of the surveys/works coincide with the last two digits of the data reference year. For each survey/work the specific periods of the reference year for which data are available are indicated by : a) numbers from 1 to 12, for the months, b) Q1, Q2, Q3 and Q4 for the quarters, c) S1 and S2, for the semesters, and d) X, for the whole year.

