



ANNUAL REPORT 2017





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FOREWORD



A handwritten signature in white ink, appearing to read 'M. Rojíček', is positioned over the lower right portion of the man's suit jacket.

Marek Rojíček
President of the CZSO



Dear Readers,

Let me introduce to you the Annual Report of the Czech Statistical Office for 2017. In 2017 the management of the Czech Statistical Office adopted an updated strategy of the Czech Statistical Office (CZSO) for the five-year period 2018-2022. The new strategy of the CZSO was further developed into fields of strategic interest, which, inter alia, reflect priorities established in the multiple year European statistical programme and up-to-date requirements of other groups of data users. It comprises of fields of methodology and registers, and macroeconomic, business, environmental and social statistics, as well as demography. It especially deals with fields of dissemination, communication with users, and ITC technology environment.

Concerning priority tasks of the Office in 2017 a material draft of a bill for the 2021 Population and Housing Census was worked out and sent out for the external comment procedure. In the first quarter of 2018 comments or respective ministries and other bodies of public administration shall be dealt with. The reinforced coordination role of the CZSO in accord with the requirement of the amended Regulation on European statistics shall also be solved within an Office priority task. In 2017 potential themes were mapped. A framework structure of methodologies was agreed upon and first pilot proposals were worked out. These were discussed with respective national producers of statistics.

Concerning sustainable development agenda in 2017 the Czech Statistical Office contributed in an active manner to preparations of national statistical systems for data reporting in accord with adopted national and international sets of indicators. The last of the four priority task objective was an analysis of potential to acquire, process and use of administrative data from cash register systems of retail chains, so-called scanner data. In 2017 there

was an important progress achieved in negotiations on data transmissions with two large retail chains, as of yet. The concept of taking over, processing, and use of the data was solved as well.

Among other important activities of the Office, priority requirements for further improvements and enhanced friendliness for users of applications of the Statistical Information System were solved definitely. The Office also got involved in activities of the steering committee and work groups of the project of Basic Registers 2.0. A wide spectrum of activities in the development of quality management continued following recommendations raised within the peer review.

In legislation the Czech Statistical Office was in an active manner involved in the creation of numerous legal regulations, namely two important framework regulations concerning European business and social statistics. As an important success the Office evaluates trouble-free implementation of the Household Budgeted Statistics survey according to a new model based on probability sampling and integrated into the survey of Living Conditions (EU-SILC). New applications for the work in the field were launched. More information on these and other activities of the Office in 2017 you can learn in the Annual Report 2017.

Concluding the foreword I would like to express my thanks to all partners and respondents of the Office for the long-term cooperation of high quality. Our thanks also go to the users for their favour and valuable feedback which enables us to improve and further develop the spectrum of statistical outcomes of the Czech Statistical Office. And, finally, my special thanks to all employees, which are those immediately providing for the State Statistical Service. ■



MANAGEMENT OF THE CZECH STATISTICAL OFFICE

The Czech Statistical Office is a highly professional institution with long traditions. The Czech Statistical Office (CZSO) scope of authority, its activities, rights, and duties are laid down by the State Statistical Service Act. The long-term framework of activities are defined by the Strategic Plan of CZSO for 2018–2022, implementation of which is directed by means of priority tasks set by the Office management every year.



Mission of the Czech Statistical Office

- Providing a trustworthy and consistent image of the state and development of the society on the basis of data obtained.
- Taking into account developing needs of users of the State Statistical Service under conditions of changing social and economic environment.
- Coordinating and providing for the State Statistical Service of the Czech Republic.

Vision of the Czech Statistical Office

The CZSO is continuously developing, up-to-date, user-oriented institution, which:

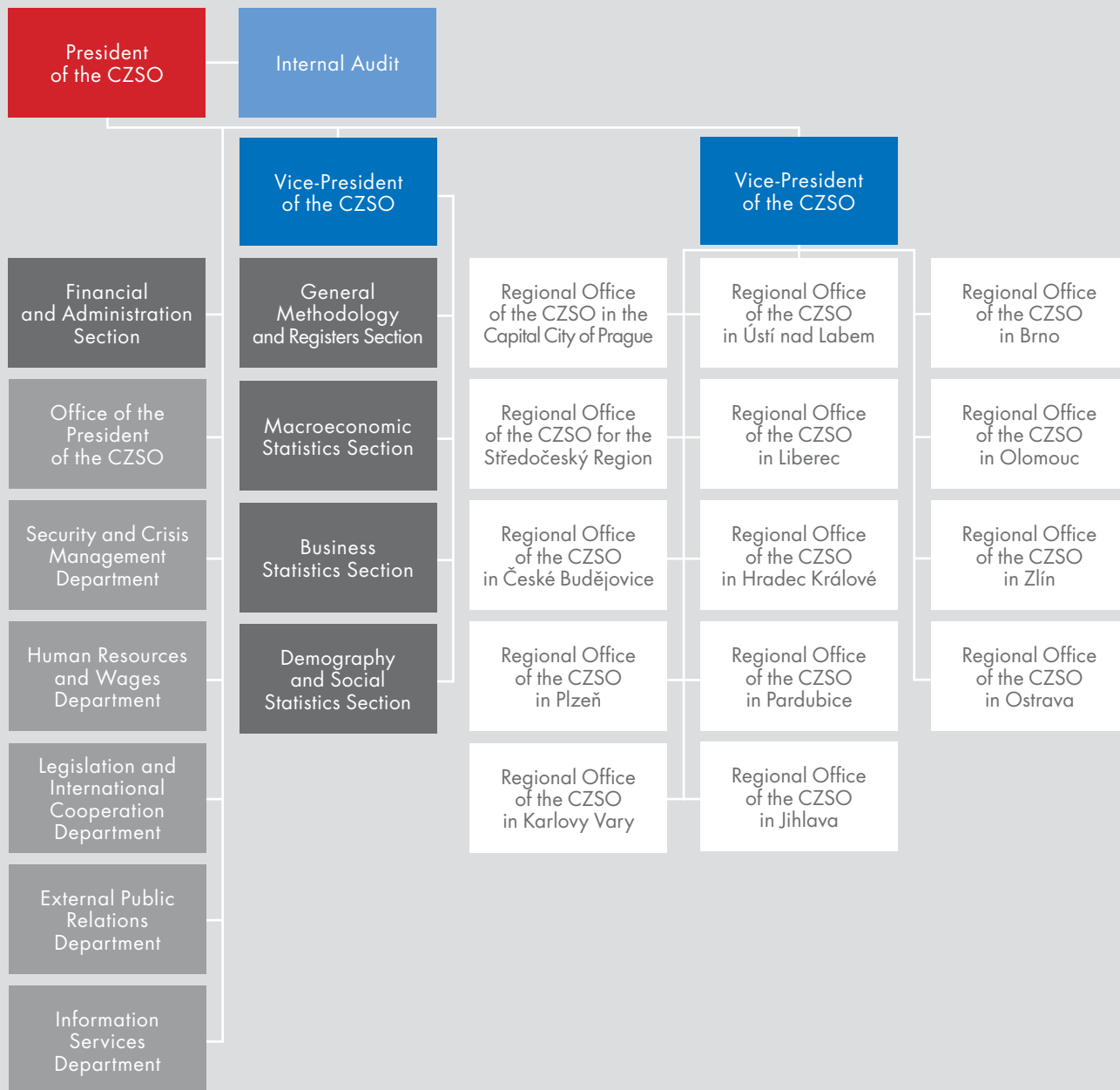
- adheres to and respects fundamental ethical values such as professional approach, independence, impartiality, and openness;
- provides high quality services to a wide spectrum of users on the principle of equal access to information, and enjoys the respect, trust, and recognition of the domestic and international public;
- makes a fundamental pillar for the development of the national system of the State Statistical Service and forms and integrated part of the international network of statistical institutions and the European Statistical System;
- constantly reduces the administrative burden on respondents exerted by statistical surveys by means of implementing innovative procedures of mathematical statistics, applying the up-to-date electronic data collection, as well as by measures in coordinating the State Statistical Service;

- employs highly qualified experts, for whom it creates appropriate working conditions;
- contributes to development of statistics as a scientific discipline by means of professional journals published by the Office and by lecturing and consultancy activities of its employees with appropriate professional scope at universities, scientific institutions, and statistical workplaces both in the Czech Republic and abroad.

Strategic Objectives of the Czech Statistical Office

- Maximising benefits and comfort of users while maintaining basic principles as follows: accessibility of statistical information, its relevance, accuracy, timeliness, understandability, comparability, and completeness.
- Enhancing effectiveness of processes and labour productivity; innovating the Statistical Information System applying instruments of knowledge management, process optimisation, and continuous improvements of processes and procedures.
- Minimising the administrative burden on respondents exerted by statistical surveys while maintaining quality of outputs through using principles and options of e-government, sharing of available administrative data, improving of up-to-date statistical methods, and asserting an active dialog with parties interested.
- Motivating the Office employees and developing their professional skills in a permanent way by means of education, quality internal communication, and enabling them to get self-fulfilment.

ORGANISATIONAL STRUCTURE (as at 31 December 2017)





President of the Czech Statistical Office

The President of the Czech Statistical Office is appointed by the President of the Czech Republic upon the proposal of the Government of the Czech Republic. The fundamental prerequisite for the title of the President of the Czech Statistical Office is the impartial and apolitical approach, guaranteeing maximum objectivity and trustworthiness of the statistical data produced by the Office. Guarantees of this impartiality are provided by the legal code of the Czech Republic. The President of the Office, while performing the State Statistical Service, adheres to acts and to other legal regulations, applies professional aspects, requirements for practical usage, and professional ethic, and provides for the use of strictly scientific methods of statistical works.


Advisory Bodies of the President of the Czech Statistical Office

Permanent advisory bodies of the President of the CZSO are the Czech Statistical Council, Collegium, Meeting of Directors of the CZSO Sections, Meeting of the CZSO Management, Election Steering Team, and Crisis Team.

- The **Czech Statistical Council** discusses, first of all, the programme of statistical surveys; strategic plans of the Office, results of audits of professional statistics, etc. Its further tasks and methods of work are regulated by its Statutes issued by the President of the CZSO. Members of the Council are appointed from among experts of the statistical theory and practice.
- The **Collegium of the President** is an instrument of the strategic management of the Czech Statistical Office. It discusses mainly conceptual materials on the State Statistical Service and also drafts of decisions, which are to substantially affect the activities of the CZSO.
- The **Meeting of Directors of the CZSO Sections** is an organisational tool for managing of professional statistical departments of CZSO. It deals, first of all, with conceptual intentions and matters of operations related to their activities.
- The **Meeting of the CZSO Management** is an organisational tool for the operations management of the Czech Statistical Office. It deals with drafts of decisions, concrete tasks, procedures, and co-ordination of all CZSO activities mainly resulting in impacts on financial resources economy and human resources management.
- The **Election Steering Team** is an organisational instrument of the CZSO management within activities of preparations and implementation of the processing of election results and their presentation to the public, discusses legal, methodological, organisational, technical, personnel, and budgetary matters related to these activities.
- The **Crisis Team** is an organisational instrument of the CZSO crisis management; it deals with solutions of conditions as emergency announcement, a threat of crisis conditions, or other serious conditions, which are connected to security and safety interests of the CZSO.

Organisational Structure

At the end of 2017 the organisational structure of the CSZO had four tiers of line management. The Office Headquarters in Prague concentrates, first of all, departments and units ensuring the statistical methodologies, and technology and economic agenda. Respective departments provide for crucial statistical processes, beginning with the development of methodology, via function and methodology management of the data collecting and processing, up to the dissemination of statistical information. The Headquarters also houses departments and units that provide a range of supporting processes, including international cooperation, human resources, financial management, ICT, public orders, security, and external communication. There are the CSZO Regional Offices in each of the fourteen regions of the Czech Republic. These can be subdivided into two types by size to large and small ones. Both types have an identical internal structure, which consists of field survey units and information services units. Moreover, the large Regional Offices have statistical processing units. ■



In 2017 the CZSO performed works to reinforce methodological support to other eleven bodies of the State Statistical Service of the Czech Republic. In accord with the Act No 89/1995 Sb on State Statistical Service as amended, the Decree on the Programme of Statistical Surveys for 2018 was published. Based on the decree the Czech Statistical Office and six ministries of the Czech Republic shall be carrying out statistical surveys inevitable for creation of statistical information. The way of processing of administrative data, which are to be taken over in accordance with the amended Act on Accounting, was changed. The Administrative Business Register (ROS), which is one of the basic registers of public administration, was operated and further developed already for the fifth year. Works on improved quality of the content of the system of statistical registers, which are especially used for statistical surveys implementation, continued. Furthermore, there were analytical works on the creation of novel data markets were ongoing. The data warehouse was loaded with further relevant data.

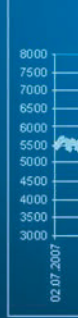
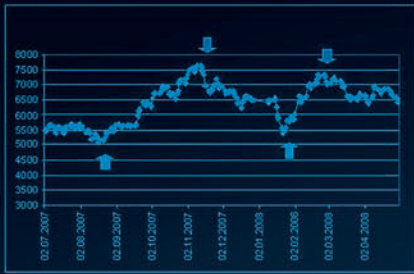
General Methodology

In accord with the Act No 89/1995 Sb on State Statistical Service as amended, the Decree on the Programme of Statistical Surveys for 2018 (hereinafter as “the Programme”) was prepared and published. The Programme includes 90 statistical surveys carried out by the Czech Statistical Office and 69 surveys carried out by ministries and their subordinated organisations. Majority of the surveys is based on requirements of over 52 legal regulations of the European Union and requirements of important users of statistical information, which have been assessed and evaluated regularly. The long-term objective of the Czech Statistical Office is to reduce administrative

burden on respondents related to filling in statistical questionnaires. The solution for is taking over data from other institutions, implementing novel data processing methods, and more effective communication with respondents of statistical questionnaires.

Access to data of other bodies of public administration and their usage are essential prerequisites for the reduction of burden on respondents. In this case the crucial legislation is the Regulation (EU) 2015/759 of the European Parliament and of the Council of 29 April 2015 amending Regulation (EC) No 223/2009 on European statistics. The Regulation reinforces the position of the national statistical authorities, therefore the Czech Statistical Office as well, in their right for free-of-charge and quick access to administrative data sources of other bodies of public power and the right to use the data for statistical purposes. In 2017 the Czech Statistical Office made use of tens of such sources and responded to changes in administrative data sources evoked by an amendment to the Act on Accounting, for instance. This resulted in modifications made to processes of input data processing.

In the course of 2017 several classifications and nomenclatures were updated and published in Collection of Laws of the Czech Republic. These were classifications and nomenclatures as follows: International Refined Diagnosis Related Groups (IR-DRG) by the CZSO Communication No 324/2017 Sb, Nomenclature of Currencies and Funds (ČMF) by the CZSO Communications No 450/2017 Sb, Classification of Occupations (CZ-ISCO) by the CZSO Communication No 451/2017 Sb, International Statistical Classification of Diseases and Related Health Problems 10th Revision (ICD-10) by the CZSO Communication No 464/2017 Sb, and TNM Classification of Malignant Tumours (TNM) by the CZSO Communication No 465/2017 Sb. Furthermore, the List of Selected Goods and Additional Statistical Features was updated by the CZSO Communication No 420/2017 Sb.





Statistical classifications and nomenclatures form important methodological tools used for statistical data collections and processing and for publishing of statistical information compared in terms of methodology applied.

Data Warehouse and Data Markets, Standardisation of Processes

In 2017 the regular uploads of relevant data to the data warehouse and data market continued. Analytics to a great extent were carried out in the creation of new data markets for other fields of statistics. The activities also included necessary training.

Furthermore, applications for introducing new statistical units to be used in statistical surveys in accord with the prepared Framework regulation integrating business statistics (so-called FRIBS) were developed. Respective alternatives of the system solution for sending various versions of surveys for different types of respondents were gradually analysed.

In the course of 2017 there were carried out preparations and verification of software, meta-descriptors, initialisations, and parameters settings of processing in order to change the base, price level, and weighting scheme from those for 2010 to those for 2015. A unified approach and standardised processing of time series and the use of meta-descriptors led to a reduction in use of non-standard procedures, easier to comprehend parameters settings, and standardisation for data storage. This way a basis for an easier migration to the SDMX format required for sending data to the European Commission (Eurostat) was formed.

Statistical Registers

The Statistical Business Register (RES) and the Register of Census Districts and Buildings (RSO) make a part of the system of statistical registers used namely for determination of reporting duties in statistical surveys. In 2017 a framework agreement on support

and development of the information system of the "System of Statistical Registers" was concluded. The agreement shall provide for operation and development of the RES and RSO in the period 2018–2021. Works continued on better quality content of groups of businesses in accordance with implementation of the ESS Vision 2020. Based on the Vision it is necessary to provide for a larger usability of the European register of international groups of businesses (so-called EuroGroups Register) for the foreign affiliate statistics (FATS) and other global statistics. The RES was added with selected characteristics of businesses for the purposes of its full harmonisation with the Regulation (EC) No 177/2008 of the European Parliament and of the Council of 20 February 2008 establishing a common framework for business registers for statistical purposes and repealing Council Regulation (EEC) No 2186/93. The scope of data provided within statistics of business demography was expanded with a data set related to the business registration within preparations for implementation of the Framework regulation integrating business statistics.

Administrative Business Register

In 2017 the basic Administrative Business Register was operated in a routine regime for already the fifth year. In 2017 the Office concentrated namely on implementation of the Act No 192/2016 Sb amending the Act No 111/2009 Sb on basic registers as amended. Conditions were created to enable records of new reference data and records of state and municipalities sponsored organisations by their establishing entities. In cooperation with the National Registers Authority data copies from the ROS were added with new data. The same way as in the past years requirements for fixing errors in the reference data, queries and error claims of the users were solved continuously. In accord with the Resolution of the Government of the Czech Republic No 411 of 31 May 2017 the Office cooperated with the National Registers Authority on developing of the final draft of the objective concept of "Basic registers 2.0". Pieces of information were regularly updated based on the data in the ROS. ■



STATISTICAL PROCESSING

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Based on the implemented European project of the Redesign of the Statistical Information System, all parts of the process of statistical information creation, including the entry data collection and processing, have been changed in a significant way in recent years. In 2017 namely tasks, which were given in the Decree on the Programme of Statistical Surveys for 2017, were processed in new applications. Therefore, respondents were able to fill in data into electronic forms, so-called intelligent PDF questionnaires, or in the Internet application of Dante Web. Out of the total number of 1.4 million of active entities recorded in the Statistical Business Register there were almost 143 thousand addressed. These are, for instance, businesspersons and government or non-profit organisations.

The Programme of Statistical Surveys for 2017, which forms Annex 1 to the Decree, defines the reporting duty of respondents included in 90 statistical surveys carried out by the Czech Statistical Office. This means to the respondents of the surveys, they were selected to samples and had to fill in respective statistical questionnaires. In order to be able to fill in the questionnaires the right way, there was detailed information on all statistical surveys accessible. On the web page www.vykazy.cz, for instance, there were available answers to frequently asked questions, or an overview of changes to questionnaires compared to those used in the previous year. At the aforementioned link there was a continuously updated application called Questionnaires by ID (*Výkazy podle IČO*) by means of which respondents could verify their reporting duty, obtain information on the current contact persons, or download intelligent PDF questionnaires that they could fill in, in case an electronic form had not been able to be sent to them.


Respondents were informed on their reporting duty for the whole 2017 by means of the Communication on Reporting Duty to the Czech Statistical Office (hereinafter as the Communication).

In January 2017 the Czech Statistical Office sent out the electronic version of the Communication to data boxes. The respondents, who do not have a data box, were notified by sending in a paper-based letter. The Communication cited not solely pieces of information on the duty to produce the data yet also important information on the method of data transmission in the electronic form, especially by means of the application of Dante Web, deadlines for returning of questionnaires, and contact persons in case of inquiries.

The Internet application of Dante Web is the recommended way of data transmission. Advantages of the application are activated checks continuously verifying correct data filling and sending messages on potential mistakes and errors. The application also enables a questionnaire may be simultaneously filled in by multiple authorised employees, either of the own business or an external company. The application of Dante Web is designed as a so-called thin client (an application working by means of web browsers) and may be used in computers no matter of their operating system and with no need to be installed. The data are permanently stored in the application and therefore they are available to an authorised user from anywhere and anytime. Moreover, the Czech Statistical Office does not require the electronic signature; just to click on "Send" is enough to confirm a questionnaire has been completed correctly. ■



PRODUCTION STATISTICS



In 2017, besides ensuring of standard outputs, the most important tasks of the Business Statistics Section comprised works related to preparation of the Framework Regulation Integrating Business Statistics (FRIBS) both as for the legislation preparation as well as implementation of new requirements on the national level. The Regulation under preparation influences not only individual statistical domains (in which new requests for outputs are emerging); it has also cross-sectional impacts such as the population definition for the business statistics or changes in the area of statistical units. Preparations for a change of the base year in short-term statistics or coordination of fulfilment of sustainable development indicators (which was at the same time one of priority tasks of the CZSO) also belonged to important extraordinary tasks.

Industry, Construction, and Energy

Priority tasks in the statistics on industry included works related to a transition to a new base year in short-term statistics. Main activities included a preparation of a new weighting scheme on the base year 2015, an implementation of new price indices and related to that recalculation of the time series of basic indicators since the year 2000. Methodological works related to statistics of industrial goods and services continued, too. Besides testing a possibility to extend grossing-up methods, attention was paid to methodological changes related to the FRIBS regulation under preparation. Among others, a preparation for a change in data transmission in the SDMX format to Eurostat was launched.

Similarly as for statistics on industry, also within **statistics on construction and housing construction**, works related to the rebasing to the new base year in the short-term statistics were a priority. Cooperation was deepened with the Association of Building Entrepreneurs of the Czech Republic, consisting in a more intensive

exchange of information and methodological consultations. Results of construction and housing construction statistics were intensively presented to the public, both at press conferences as well as via presentations on special seminars.

In **energy statistics**, processing of results from a sample survey on energy consumption in households (so-called *ENERGO 2015*) was completed. The outputs were presented both at a press conference as well as at various special events. A publication with the survey results and other accompanying outputs were brought out. Within development of energy statistics methodology, report (questionnaire) forms were further optimized in selected surveys. Moreover, works were launched on modernisation of the statistics consisting in optimisation of data collection and processing in the area of statistics on electricity and heat. Besides that, negotiations with public authorities continued about further cooperation in the energy statistics domain.

Trade, Transport, Services, and Tourism

In the area of **tourism statistics**, the reference period in the Tourism Sample Survey was modified according to the Labour Force Sample Survey in order to enhance quality of answers of respondents. Concurrently, new graphic materials were designed for better perception of the survey importance by the respondents. The Tourism Statistics Unit of the CZSO also tested web-scraping techniques to obtain additional information available on the Internet. The obtained



results were for the first time ever used in practice to update entries in the Register of Accommodation Establishments. Works continued to improve the Tourism Satellite Account (TSA) methodology. As for international activities, the most important was participation in an international workshop on the TSA and completion of a two-year technical assistance to Azerbaijan. Cooperation with the Ministry for Regional Development continued as to launching of the project for mobile operators data utilisation.

In the **financial and insurance activities statistics**, the first processing of an annual *Pen 5-01* statistical report (questionnaire) was made; the report replaced three separate annual reports in order to make reporting simpler and to reduce duplicate reporting of statistical data that are replaced by data sources of the Czech National Bank (CNB). In relation to that, also publication outputs were modified. The CZSO also flexibly updates lists of data areas transmitted to the CZSO in relation to changes of reporting of the CNB that relate to shared data sets. Preparatory works continue as to an implementation of publication data from that area to the Public Database.

In the area of **statistics on trade, transport, and services**, a change of the base period was prepared for the *SP 1-12* monthly survey. Works continued on the preparation of FRIBS requirements implementation, especially a monthly sales index in the wholesale trade and an index of services production indicator. Quality indicators and their calculation became a standard part of monthly outputs processing. Also so-called scanner data from retail chains were made available to the Services Statistics Department. The scope of data published from the annual survey was extended by selected four-digit codes of the CZ-NACE classification. Works continued on the supply of data to the Public Database.

Cross-Sectional Business Statistics

As for **coordination of methodology** of business statistics, main works included coordination of the preparation of FRIBS legislation and related regulations, especially processing of comments on draft delegated acts and of delegated acts. Within coordination



of methodology of short-term statistics across the CZSO, a change was initiated also to the data collection technology, which is to enable obtaining of data from statistical units smaller than an enterprise.

In relation to an adjustment of the *P 5-01* statistical report (questionnaire), which was enforced by an amendment to the Act on Accounting and related acts, within **structural business statistics** (*P 5-01* statistical report (questionnaire)) a large change was made to the methodology and especially to grossing-up programmes, including their migration to a new technology that enables an advanced data analysis. Based on an analysis of quality of the up to now unpublished aggregates (especially economic activities on the level of the NACE classification 4-digit codes), publication of data in selected economic activities was extended. In 2017, data collection was made also for the *KONSOL* annex, which is to map existing consolidation units; it is an important input for other works on a revision of the approach to statistical units. In relation to processed results, a database environment preparation was made for connection of data from the EuroGroups Register (EGR), the *P 5-01* statistical report (questionnaire) including its *KONSOL* annex, data from Foreign Affiliates Trade in Services (FATS) statistics, and data available from commercial sources. It will enable a more advanced analysis of obtained results. In relation to the FRIBS implementation, cooperation was strengthened with the Statistical Registers Department of the CZSO, namely as for unification of data on demography of businesses as well as in terms of the relation of the EGR to the FATS statistics.

In **short-term business statistics** (*P 3-04* statistical report (questionnaire)), an analysis of reasons for revisions was made in relation to harmonisation of quarterly business statistics with annual structural business statistics. Resulting from that is, inter alia, a proposal of measures to minimise future revisions.

In the area of business cycle surveys, samples were updated, an update of weights for making estimations was prepared, a discussion about the sample optimization and about the applied grossing-up (estimation) method was launched, and in cooperation

with the University of Economics a project “Survey on survey” was launched to enhance predictive abilities of business cycle surveys.

Agriculture, Forestry, and the Environment

In **agricultural statistics**, a specialised census 2017 Orchards was carried out pursuant to the Regulation (EU) No 1337/2011 of the European Parliament and of the Council, concerning European statistics on permanent crops. Data on production orchards were taken over from an administrative data source – the Orchard Register kept by the Central Institute for Supervising and Testing in Agriculture, for other orchards data were obtained via a standard statistical survey. An analysis and publication of results was made regarding the Farm Structure Survey carried out in 2016 and (in accordance with the EU legislation) anonymized micro-data were transferred to Eurostat. The relevant subject-matter department of the CZSO made also a successful expert mission to Armenia, which was focused on keeping of the Farm Register. On an international level, it also actively participated in a preparation of a new legislative framework for agricultural statistics in the EU Member States up to the year 2020. It applied to the Integrated Farm Statistics (IFS) and also to the statistics on agricultural input and output (SAIO). In 2017, successful press conferences were organized about economic accounts for agriculture, the Farm Structure Survey, and food consumption.

In **environmental statistics**, in 2017, regular works were made to ensure data for reporting in the area of statistics on water, wastes, and environmental accounting, which includes the air emissions account, material flow account, environmentally related taxes and fees account, environmental goods and services sector account, environmental protection expenditure account, and physical energy flow account. The Agricultural, Forestry, and Environmental Statistics Department of the CZSO was fulfilling one of priority tasks of the CZSO, which is coordination and fulfilment of sustainable development indicators for the international Agenda 2030 and for its Czech platform, the strategic framework *Czech Republic 2030*. ■



MACROECONOMIC STATISTICS



Macroeconomic statistics was developing very dynamically in 2017, the same as in the previous years. On one hand, it regards intensive work of statisticians worldwide as for capturing of globalisation phenomena; on the other hand, it concerns statistics quality enhancement. In 2017, Eurostat was, and still is, very active; it tries to help Member States with obtaining further data sources, mainly administrative ones; at the same time, it intensively supports data exchange between countries, which reduces burden on respondents and contributes much to quality enhancement. Active involvement of the CZSO in international cooperation continued, e.g. in technical assistance missions to develop macroeconomic statistics in other countries, transformation, and modernisation of European statistics. The CZSO participated in Eurostat projects contributing mainly to improvement of individual statistics. Also intensive cooperation with the Czech National Bank (CNB) and, as for abroad, primarily with Slovakia continued.

National accounts statistics

In the area of national accounts statistics, routine works related to compilation of annual and quarterly national accounts and a preparation for another mission on calculation of the gross national income in February 2018 were carried out. The first mission took place in January 2017; it found that quality and reliability of information about the national income compiled by the CZSO is very good. Works to update the methodology for calculation of the gross national income were carried out throughout the entire year, because the control cycle is running up to 2019. A revision of national accounts has been completed that results from a new definition of the general government sector; the data were released on 30 June 2017 for the period of 1990 to 2010. The entire time series of national

accounts is thus consistent now. In 2017, in collaboration with the CNB, preparations started for a revision of national accounts in 2020, which is coordinated by Eurostat and will be made in all Member States. Within intensive international cooperation in the national accounts domain, study visits from statistical institutes of Serbia, Tajikistan, and Kyrgyzstan took place in the premises of the CZSO in 2017. Besides that, the CZSO also hosted a meeting of a joint working group of Eurostat and OECD on price calculations in national accounts.

Government and financial accounts

In the domain of government and financial accounts statistics, besides standard activities, also extraordinary activities related to the aforementioned revision of national accounts took place, which were further followed by a revision of the Excessive Deficit Procedure (EDP) statistics and of the Classification of the Functions of Government (COFOG). Further, works were carried out on ensuring of an ad-hoc survey on non-residential buildings in the general government sector, on a preparation of methodological changes to the government financial statistics, which will be reflected within March notifications of the deficit and debt, and in the financial sector, in which they will be implemented within the revision in 2020. Last but not least, a preparation for the first publishing of data on pension liabilities (to take place for the first time in March 2018) was made. In cooperation with the CNB, intensive negotiations took place in order to harmonize financial statistics of both institutes. In cooperation with





the Ministry of Finance and Eurostat, open issues from the 2016 EDP mission have been solved. Also in 2017, Eurostat had no objections as to data compiled by the CZSO on the general government sector balance and the debt of the general government sector.


Price statistics

The most important task of the price statistics in 2017, besides a standard routine production of price indices, was to finalise a revision of the calculation of the industrial producer price index and of the raw wood price statistics, and gradual making of other revisions (of price statistics of external trade, services, and agriculture). An analogous revision of the price index of construction works was under preparation. In the area of the consumer price index production, a complete update of the weighting scheme was prepared down to the lowest level of the hierarchical structure. For the first time, such an update was made within the recently implemented ECOICOP classification for the harmonized index of consumer prices.

In 2017, pilot taking over of electronic data from cash desks of an important retail chain and a detailed analysis of the data for their future use to enhance quality of the consumer price index was carried out successfully. Concurrently, a preparation for taking over of data from other retailers was made. In the area of international statistical cooperation, a key task was to meet requirements of the purchasing power parities project, which took place within a grant of Eurostat: Purchasing Power Parities 2017-2018.

External trade statistics

In the external trade statistics domain, involvement in European modernization projects continued in 2017. It regards mainly the process of making comments to and adopting of the FRIBS framework regulation in the area of SIMSTAT and statistics of trade in services. The content of the relevant implementing regulations was also intensively discussed, especially within working groups. We actively cooperate with Eurostat on steps to build up secure protection of transmitted confidential data of Member States. A new version of an agreement with the General Directorate of Customs takes into account legislative changes to the area of Intrastat and Extrastat and follows up the long-term cooperation. In Intrastat data collection, logic input controls were further strengthened and in the area of Extrastat the efficiency of controls increased by implementation of an application for data exchange for verification. A systematic comparison of values of enterprises stated in tax returns, Intrastat, and Extrastat, leads to permanent enhancement of data quality, especially in the so-called national concept of external trade. In the area of exports and imports of services statistics, activities focused mainly on updating of nomenclatures in order to enhance data quality while concurrently reducing the statistical burden of respondents. In cooperation with the national accounts department of the CZSO and the balance of payments department of the CNB, implementation of requirements in the context of development of statistics of services has been worked on. Engagement in working groups of Eurostat and the OECD also contributes to that. ■



In 2017 the CZSO processed and published all the planned outcomes of the demographic statistics in time. In the social statistics the Office compiled the System of Health Accounts (SHA) and Satellite Accounts for Culture of the Czech Republic according to a joint international methodology of Eurostat and the Organisation for Economic Co-operation and Development (OECD), which in a systematic way and with mutual relations statistically covers these two fields. The survey on adult education within the Adult Education Survey (AES) was processed and results thereof published. The new model of the Household Budget Statistics was launched. Data were collected for the ad hoc module of the Self-Employment within the Labour Force Sample Survey (LFSS). In the field of statistics on science, research and technology innovations and the use of information and communication technologies there were surveys carried out in businesses as well as in households.

Demography and social statistics

In 2017 in the field of demography all standard data and analytical outcomes (for instance, Demographic Yearbook of the CR, Demographic Yearbooks of Regions/Districts/Administrative Districts of MEPs/municipalities with AMA/cities, Demographic Handbook, Population of Municipalities, Age Distribution of the Population, news releases quarterly, Population and its Growth - Quarterly, Life Tables, Population Development, Deaths by Cause) were published. Besides, an analytical publication Death Rate Trends in the Czech Republic and other outcomes of the demographic statistics were published on the Office website. A number of non-standard outcomes were prepared on the basis of user requirements. There was also a separate press conference held on the Czech Republic population development in 2017. All requirements of Eurostat for data providing

which is imposed by the Regulation (EU) No 1260/2013 of the European Parliament and of the Council of 20 November 2013 on European demographic statistics and the Commission Implementing Regulation (EU) No 205/2014 of 4 March 2014 laying down uniformed conditions for the implementation of Regulation (EU) No 1260/2013 of the European Parliament and the Council on European demographic statistics, as regards breakdowns of data, deadlines and data revisions were complied with. Conditions for the statistics of deaths by cause as follows from Commission Regulation (EU) No 328/2011 of 5 April 2011 implementing Regulation (EC) No 1338/2008 of the European Parliament and of the Council on Community statistics on public health and health and safety at work, as regards statistics on causes of death, were also met.

In the course of 2017 representatives of the CZSO participated in meetings of the Eurostat work group on population projections, in which namely further direction of population projections compiling by Eurostat, in cooperation with national statistical authorities, was discussed, and in meetings of the work group for population statistics. In the second half of 2017 technical preparations of a new Czech Republic population projection based on which a report on 'Expected Trends in Death Rate, Fertility Rate and Migration in the Czech Republic' shall be published at the end of 2018. The Report shall be published as imposed by the Act No 582/1991 Sb on organisation and performance of social security as amended for purposes of the pension system development projection.



Social Statistics

In the social statistics in 2017 there were regular every-year activities related to acquisition, processing, and presentation of data for education, health, culture, social security, and criminality carried out. Important activities were the compilation of the Satellite Account for Culture of the Czech Republic in cooperation with the National Information and Consulting Centre for Culture and the compilation of the System of Health Accounts according to the joint methodology of Eurostat and the OECD and their presentation at a press conference held by the Office. In 2017 there were internationally comparable data successfully collected and validated for the field of lifelong learning for European surveys of the Adult Education Survey 2016 and Continuing Vocational Training Survey 5, which were implemented on the basis of a regulation of the European Commission including data transmission and quality reports sent to Eurostat.

Furthermore, the Office newly compiled a summary publication containing basic information on the sport statistics. In 2017 there were intensive works carried out in methodological and software design preparations of a questionnaire in implementation of a completely new Disabled Sample Survey (VSPO 2018) with the aim to provide for required indicators given in the Resolution of the Government of the Czech Republic No 385 of 25 May 2015 on the National Plan for Support to Equal Opportunity to the Disabled for the Period 2015-2020. The long-term participation of the Office in the international project of TransMonEE, which is focused on data acquisitions and development of analyses on the child population for the international organisation of the UNICEF, continued as well.

In the household statistics there was the regular annual survey on living conditions, the national version of the pan-European survey of the EU-SILC, carried out. In 2017 the survey also encompassed an international module with questions concentrated on two fields - supplementary questions on health and health care and on households' debts. In 2017 there was a new model of the survey on the Household Budget Statistics based on probability sampling



of reporting households and on integration with in terms of theme similar survey of Living Conditions was launched.

Labour Market

In the labour and equal opportunity statistics the year of 2017 was dedicated, first of all, to the continued transition to more advanced technology tools and using advantages of upgraded statistical meta-information system. In 2017, within the Labour Force Sample Survey (LFSS) a special ad hoc module of Young People on the Labour Market and results were transmitted to Eurostat, including the appropriate quality report. Data were collected in the field for the ad hoc module of Self-employment. Preparations were carried out for supplementary questions within the LFSS for 2018 on themes related to family and work life harmonisation. Statistics of men and women were presented on a summary press conference. Numerous analytical papers were published. In cooperation with Headquarters of the Alien Police of the Czech Republic outcomes on foreigners in the Czech Republic for the CZSO web presentation were updated. Yearbooks of Focus on Women, on Men and Foreigners in the Czech Republic were published as every year.

Science, Research and Innovations, ICT

In a similar way as in the previous years, detailed data on state and trends in science, research and innovations in the Czech Republic were collected by means of the Office own surveys, which were either censuses and sample surveys, or from administrative data sources, and processed. Beyond the regular summary publications with detailed results of respective surveys, there were regular and extraordinary outcomes (tables, reports, etc.) also prepared for the needs of data users coming from individuals, national, as well as international organisations.

As the main one the annual Research and Development Survey (VTR 5-01) was carried out and results of it were disclosed at a press conference. Besides this survey, data of the survey Technology Innovation 2016 were collected and finalised.

Based on available administrative data and in accord with an appropriate valid EU regulation the Office developed detailed statistical information on direct and indirect (by means of taxation) support to research and development, which were provided with and presented to the professional public in the Czech Republic as well as abroad (OECD, Eurostat). Furthermore, statistics of qualified human resources, patents, and licences in these fields were updated.

In the statistics of information and communication technologies (ICT) it shall be mentioned two annual sample surveys focused on the ICT use by the population and businesses in the Czech Republic were repeated. The surveys were carried out in accordance with the Regulation (EC) No 808/2004 of the European Parliament and of the Council of 21 April 2004 concerning Community statistics on the information society. As in the previous years the thematic composition of questionnaires was harmonised with the needs and requirements of the European Commission as they are embedded in templates of Eurostat questionnaires. The main findings from the survey on the ICT use in households and by individuals were presented at the CZSO press conference called Czechs and the Internet in the Czech Households. Data from both the surveys were continuously used for monitoring how respective objectives of the Digital Agenda for Europe and for public administration had been achieved in the field of information society and digital economy development.

Besides the aforementioned surveys a wide spectrum of statistics serving for the complete monitoring of the use and importance of ICT from the point of digital (information) economy reinforcement in the Czech Republic were carried out. Results of respective statistical surveys and available administrative data were used to develop cross-thematic and overview publications of Information Society in Figures and Information Economy in Figures, which map the digital economy a society development in the Czech Republic and in the EU Member States by means of the official statistics. ■



REGIONAL OFFICES OF THE CZSO

Regional Offices of the CZSO, as an executive component of the Czech Statistical Office, are active in the areas of field surveys, statistical processing, information services, and administration of registers; they significantly contribute to the processing of election results. Importance of Regional Offices and their influence on activities of the CZSO result already from the fact that the number of job positions in Regional Offices reached in 2017 the amount of 714.5 of the total number of 1390 job positions in the CZSO, i.e. the 51.4% share.



Field Surveys

Field surveys carried out by a network of interviewers of the CZSO and by external interviewers comprise sample surveys among households, consumer price statistics, and agricultural statistics.

Sample Surveys among Households

During the entire year, a continual regular survey among households is carried out (Labour Force Sample Survey, LFSS), which provides information about the structure of employment and unemployment of the population including an ad hoc module on self-employment. The CZSO contacts 33 900 households with the LFSS every year.

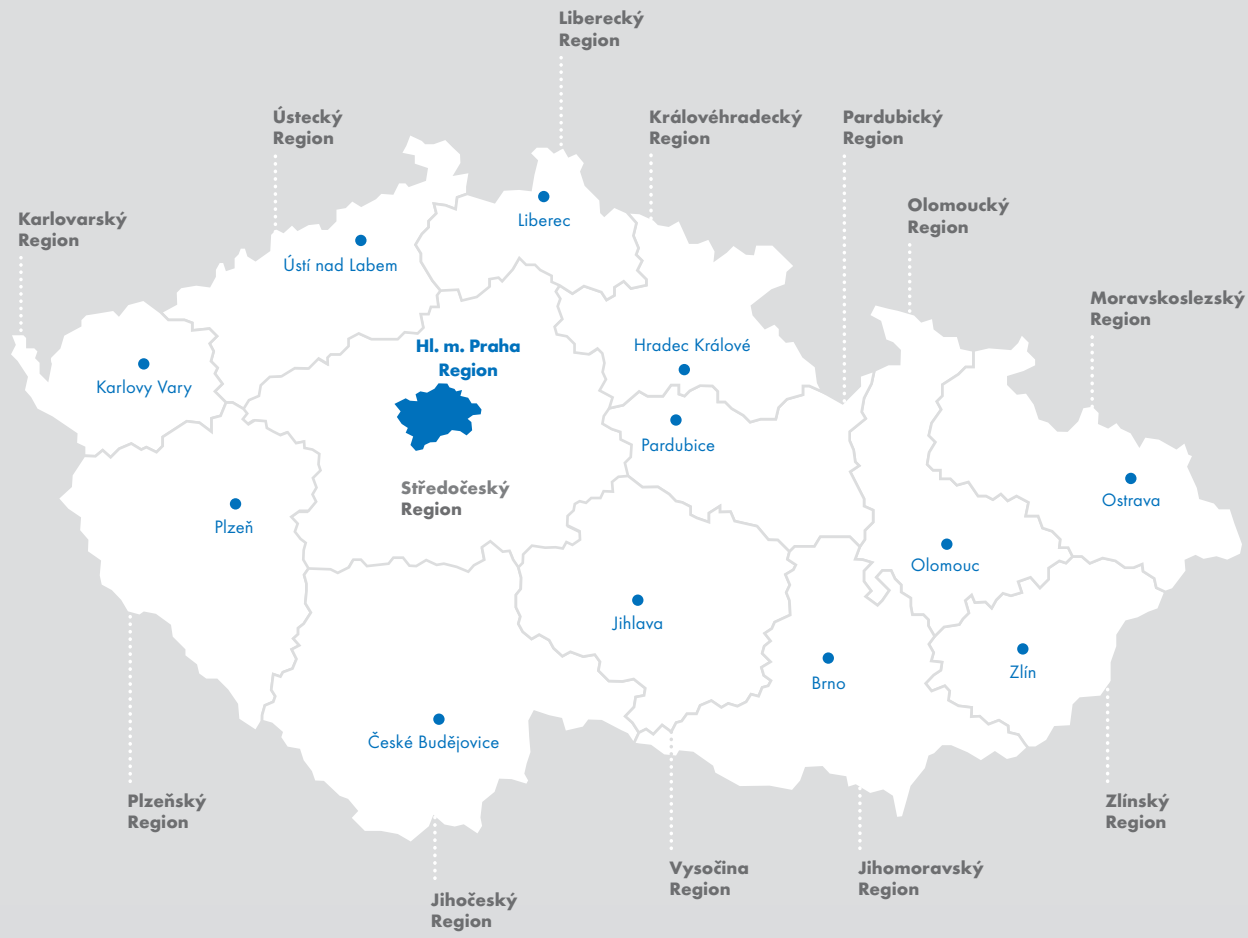
Within the LFSS sample, 6 780 households are asked to participate in the Tourism Sample Survey, which surveys all trips of members of the households throughout the year.

Of similar sample size is also the Sample Survey on the ICT Utilisation in Households and by Individuals, which surveys information about the equipment by, an access to, and the way of utilization of information and communication technologies by households. The survey is carried out from April to June; those households are contacted with the survey, that are visited for the fifth time within the LFSS.

In the first half-year of 2017, the Living Conditions (EU-SILC) survey was carried out as every year, which surveys data on income

distribution of individual types of households, data on the way, quality, and financial demand factor of housing, equipment of households and on labour, material, and health conditions of adults living in the households. In its "BM" variable module, several different areas were surveyed: health of children and how much the entire family pays for the health care, indebtedness of the household with regards to various loans, mortgages, consumer credits, instalment sale of goods, leasing of a car, debts on a credit card, and the like. Within the survey, 11.6 thousand households are contacted; they are surveyed in cooperation with external interviewers.

During the entire year 2017, within household budget statistics, data were acquired on consumption in individual types of households and about influences of various factors (e.g. price growth, situation on the market, etc.) on the expenditure structure and consumption habits of households. Year 2017 was the first year of a "non-pilot" survey of the household budget statistics in a random sample of households, which participated in the fourth wave of the EU-SILC 2016. In total, 2 326 households were contacted and asked to fill in diaries about the household expenditure, for which they were offered to get a reward of CZK 2 000 (CZK 2 400 for multi-member households). It turns out that willingness of households to participate also in the second wave is high (the first addressing of households to cooperate was successful in 40%).





Consumer Prices Statistics

Field survey units of Regional Offices of the CZSO carried out also year-round surveys of price statistics. Thanks to the new software it was possible to efficiently implement harmonisation of field surveys of prices and provide interviewers with a feedback. In combination with analytical tools of the *Statistika* software it is possible to better target problematic values of prices and to control them efficiently.

Agricultural Statistics

In 2017, a specialised census 2017 Orchards was carried out. The sample for the CZSO statistical survey comprised 2 303 units, of which 182 were legal persons and 2 121 natural persons. Data collection and capture in the DANTE WEB application as for legal persons was carried out by the Unit for Processing of Agricultural and Forestry Indicators in Kind of the Regional Office of the CZSO in *České Budějovice*; as for natural persons, it was made by individual workplaces of field survey units. Central data processing was ensured by the Unit for Processing of Agricultural and Forestry Indicators in Kind of the Regional Office of the CZSO in *České Budějovice*. In Districts with the highest numbers of units, external interviewers were used; in total, 49 contracts for work were concluded. In three Regions, external workers were used to help process statistical reports (questionnaires); in total, there were 7 such workers with a contract for work concluded. Besides a standard statistical report, reporting units had also the possibility to use electronic forms. 88 electronic forms

were captured; 29 were through the online DANTE WEB application and 59 entities used a PDF form that could be filled in electronically.

To express thanks to the respondents, 60 thousand promotional items were ordered in the total value of CZK 520 thousand.

Statistical Processing

Throughout the entire year 2017, all tasks were processed smoothly without major issues, new processing did not require help of programmers, and data were sent for a central processing according to current schedules.

In 2017, according to the schedule of processing of statistical tasks, 142 561 Announcements about the reporting duty were distributed, of which 117 619 were distributed via data boxes and 40 314 were printed and sent by mail to respondents without a data box. 655 604 statistical reports were processed during the processing year, of which 55.82% were delivered electronically.

In 2017, on-line filling of reports via the DANTE WEB application increased again, by 5% in average, although submitting of reports in fillable PDF forms is still largely prevailing. There is still part of respondents, especially in the domain of agricultural statistics (natural persons), who do not fill in electronic reports at all. They are mainly respondents contacted for surveys by interviewers. However, in that



area, there is also some increase of electronically processed reports. In order to increase the return rate of reports in the electronic form, promotion of on-line data collection has been intensified in various forms. DANTE WEB is used namely by reporting units with higher numbers of employees, which are included in samples repeatedly. Therefore, it is crucial for the following year to add an individual approach.

In 2017, a new (rather difficult in terms of methodology) supplement KONSOL to the *P 5-01* statistical report (questionnaire) was elaborated. A Report (questionnaire) on innovations TI 2016 was also newly prepared in new tools. In agricultural statistics, processing of Zem 2016 (Agrocensus) was completed. 2017 Orchards census was carried out in 2017. Data on 2 202 reporting units were processed in the DANTE WEB application, most of which were surveyed via interviewers. It applied mainly to small reporting units.

In 2017, processing of statistical tasks went on without problems and in terms determined in advance.

During the entire year, a revision of the external trade price index (Prices *ZO 1-12* imports and exports task) and of the market services index (Prices *TS 1-12* task) was carried out, which resulted in changes in surveyed commodities, an adjustment to the register of respondents, and reworking of the weighting scheme.

It is typical for a quarterly task of Prices *Stav 1-04* (in the construction domain) that the network of reporting units is changeable; therefore, a great emphasis was put on contacting and obtaining of new reporting units and using of the DANTE WEB application for reporting by respondents was promoted.

Industrial producer price index (Prices *Prům 1-12* task) during the year followed the status after the revision and also there (on the level of those making processing) regular works related to processing of reports sent by respondents were made as well as ongoing updating of individual representatives. In the end of the year or rather in the beginning of a new one, PDF questionnaires were successfully prepared and generated for the year 2018.

Information Services

Information Services Units of Regional Offices of the CZSO continued with their activities from the previous periods. They provided up-to-date outputs, answered queries of customers, and provided methodological consultations for processing of various programme documents. Besides that, Regional Offices continued to develop partnerships with regional organisations and educational institutions in the form of cooperation on solutions of their tasks, lectures, visits to statistical workplaces and directly via internships of students in Regional Offices.

26 presentations were prepared in total, which focused on possibilities to provide data and, especially, on results of statistical surveys and analyses or on informing about the CZSO and its mission.

Websites of Regional Offices are an important tool for communication with users. They were regularly updated during the year, newly issued publications and data including long-term time series were added. Information services experts also published many short analytical texts in the form of news on the websites during the year.

As for publications, attention was paid to annual titles, which were included in the Catalogue of Products of the CZSO for the year 2017. Regularly, with a quarterly periodicity, statistical bulletins were published on the websites of Regional Offices of the CZSO; in the end of the year, works were completed on a key publication – regional statistical yearbooks. In the fourth quarter, all Regional Offices released a monothematic analytical publication called Young Generation in the Region, which mapped a selected demographic group in the Region and tried to collect available statistical data from various areas and to concentrate them on one place. Besides the already mentioned publications, some Regional Offices published other outputs, such as First Hand Figures Prague, Population of the *Plzeňský* Region (Czech only), Age Distribution and Population and Vital Statistics in the *Jihočeský* Region - 2016 (Czech only), Age Distribution and Population and Vital Statistics in the *Jihomoravský* Region - 2016 (Czech only), Age Distribution and Population and Vital Statistics in the *Zlínský* Region - 2016 (Czech only), Municipalities of the *Královéhradecký* Region – 2017,



Selected data on municipalities of the *Pardubický* Region (Czech only), Statistical Guide to Municipalities of the *Jihočeský* Region – 2017 (Czech only). The Regional Office of the CZSO in *Pardubice* issued monthly Infolists, the Regional Office of the CZSO in *Zlín* prepared quarterly reports for the Regional Office. 8 Regional Offices in total released a monothematic publication on Basic tendencies of development in the Region (Czech only). To make results of statistical surveys available to both the professional and lay public, also several information leaflets were issued.

Cross-Border Cooperation of Regional Offices of the CZSO

The Regional Office of the CZSO in *Ústí nad Labem* participated in a TriRegio project, in which (based on monitoring of the labour market near borders of the three lands, in North Bohemia, Saxony, and Lower Silesia) a joint output is to be elaborated about the labour market. The Regional Office participated in the supply of selected indicators (a demographic prognosis, the average wage, employment by economic activity according to results of the Labour Force Sample Survey). A representative of the Regional Office also actively participated in a meeting of a working group for regional development of the *Elbe/Labe* Euroregion.

Representatives of the Regional Office of the CZSO in *Liberec* continued to be active members of the *EUREX Statistika* working group (in the *Neisse-Nisa-Nysa* Euroregion). In cooperation with their colleagues from Germany and Poland they published a data set Prices and Income in the *Neisse-Nisa-Nysa* Euroregion. During the year, they were also intensively preparing a data set Basic data on the *Neisse-Nisa-Nysa* Euroregion 2016 and a publication *Neisse-Nisa-Nysa* Euroregion – 2016, which maps a 25-year long history of the cross-border grouping.

Also this year, representatives of Regional Offices of the CZSO in Olomouc and in Ostrava continued in their long-term cooperation by further working meetings with colleagues from the Statistical Office in *Opole* (Poland). They issued together a brochure on Tourism in Czech-Polish borderlands and a publication Average consumer prices in Czech-Polish borderlands.

A representative of the Regional Office of the CZSO in *Zlín* participated during the year in a meeting of a working group of the *Bílé-Biele* Karpaty Euroregion.

Regional Offices in *České Budějovice*, in *Jihlava*, and in *Brno* continued to cooperate with Austrian, Slovak, and Hungarian statisticians in the project of the cross-border *Centrope* Region. Their cooperation resulted in a yearly update of data for the *CentropeSTATISTICS* database and a release of the already eighth newsletter.

The Regional Office of the CZSO in *Plzeň* within a partnership forum of the *Horní Falc* and the *Plzeňský* Region project presented its contribution called Selected aspects of cross-border development in the heart of Europe in a meeting in *Chodová Planá*.

Financial Performance of Regional Offices of the CZSO

After implementation of many important cost-saving measures during the last years, financial performance of Regional Offices of the CZSO has stabilised. Should certain savings of financial means have occurred in 2017, they resulted from methodological changes, which took place mainly in field surveys. For example, an implementation of a reform of the net of interviewers led to a decrease of the number of employed external interviewers and thus to a decrease of drawing of sources from the item of other personnel expenses. To put it concretely, at the annual Living Conditions (EU-SILC) survey, these expenses dropped by 10.4% in 2017 compared to 2016. On the contrary, an important reason why drawing of budget sources is increasing is an increase of mandatory expenditure. For example, in the item of domestic travelling expenses, sources of which are drawn mainly by field workers at field surveys, an increase of expenses occurred compared to the previous year, which reflects an increase in rates of per diems and other travel costs.

Regional Offices worked in 2017 as stable entities of the CZSO, which comply in their activities with the 3E principles of efficiency, economy, and effectiveness. ■

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ELECTION STATISTICS

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In 2017, the CZSO ensured mainly elections to the Chamber of Deputies of the Parliament of the Czech Republic. Besides these regular elections, also several extraordinary elections were held. In January, repeated elections to the Senate of the Parliament of the Czech Republic were held in the Electoral District No 4 – Most; during the year, new elections to local councils were held in four different terms (local councils of 28 municipalities were elected in them). In the end of 2017, intensive preparations were made for the election of the President of the Czech Republic and for other elections called to be held in the beginning of 2018. The CZSO provided required cooperation to the Supreme Administrative Court with recalculation of voting results in 910 electoral wards after the elections to the Chamber of Deputies of the CR and it cooperated with representatives of the Organization for Security and Co-operation in Europe (OSCE) within needs assessment and election assessment missions by providing of detailed informative interviews.

In 2017, an important task of the CZSO was to process results of the elections to the Chamber of Deputies of the Parliament of the CR, called by the President of the CR to be held on 20 and 21 October 2017. A task of the CZSO was to take over voting results at over 500 points of handover (collection points) from almost 15 thousand electoral wards both from the territory of the CR as well as from abroad. It was performed within several hours after the polling stations were closed; the CZSO provided ongoing results of the processing to the media via a reserved connection and to the public on its website www.volby.cz. 31 parties and movements participated in the elections; 200 deputies were elected from their candidates. Based on a decision of the Supreme Administrative Court (SAC), votes for one party were recalculated in 910 electoral wards

of the *Středočeský* Region; it resulted in a change of values found out by the ward election committees. The SAC asked the CZSO to cooperate in that matter; it was fulfilled to a maximum extend, including incorporation of the values found out by the SAC in the election results and their presentation alongside the original results of the elections found out in the regular term.

Besides the aforementioned nationwide elections, the CZSO ensured during the year also processing of results of extraordinary elections to local councils. These elections were called to be held in four different terms: on 4 February 2017 in 9 municipalities, on 20 May in 10 municipalities, on 19 August in 3 municipalities, and on 4 November in 6 municipalities. Thus, new local councils were elected during the year in 28 municipalities. Results of all extraordinary elections, which were held, were processed by the CZSO flawlessly and handed over to the State Electoral Committee.

Extraordinary elections included also a repeated election to the Senate of the Parliament of the Czech Republic in the Electoral District No 4 – Most, which was called by the President of the CR to be held on 27 and 28 January 2017; the reason was that by a resolution of the Supreme Administrative Court both rounds of the regular election in October 2016 were made invalid. Afterwards, in January 2017, a senator was elected already in the first round of the repeated election.

During the last four months of the year, it was necessary to make a substantial part of preparations for the election of the President of the CR, a by-election in the Senatorial District No 39 – Trutnov, and new elections to local councils called to be held in January 2018. During the preparation of the election of the President of the CR to be held concurrently with elections to the Senate, it was necessary to react on a provision of the Act on the Election of the President of the CR about the use of a single official envelope for both types of the elections and



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methodological difficulties resulting therefrom. The CZSO informed the State Electoral Committee about it and prepared additional methodological materials for ward election committees concerned. During the preparations of the upcoming elections, besides all the time deepening security measures, it was also necessary to respond in a short time to recommendations of the Supreme Administrative Court, which were presented after the elections to the Chamber of Deputies of the CR had taken place. The CZSO focused on deepening of the training of ward election committees and on controls of data on the points of handover (collection points). The CZSO was also engaged in making of election legislation. Upon a request of the State Electoral Committee, it elaborated an overview of requirements and comments for preparation of a technical amendment to election acts as well as of an “Election Code” under preparation. It provided comments to bills and representatives of the CZSO contributed to activities of a working group established at the Ministry of the Interior, which dealt with possible modifications of the election system regarding elections to local councils.

Before the elections to the Chamber of Deputies of the Parliament of the CR and the election of the President of the CR, the CZSO cooperated with representatives of the Organization for Security and Co-operation in Europe within their assessment mission by providing detailed interviews about the system how election results are found out and processed. The CZSO enabled to observers of the OSCE to have an access to workplaces of the CZSO established at authorised municipal authorities during the elections to the Chamber of Deputies of the Parliament of the CR.

Within international cooperation of the CZSO, a meeting with representatives of the Statistical Office of the Slovak Republic took place; representatives of both the Offices exchanged experience from preparations of elections, progress of elections, and presentation of election results. ■



POPULATION AND HOUSING CENSUS

Preparations of the 2021 Population and Housing Census concentrated namely on a material draft of the bill on the census and on dealing with comments from interministerial commentary procedure. Works on analyses of administrative data continued.



Works on the population and housing census concentrated on the finalisation of the material draft of the bill on the census. The bill assumes, first of all, the census should be implemented and results thereof presented in an efficient manner by means of up-to-date information technologies, besides the maximum use of existing administrative data sources. The primary channel for the data collection shall be the on-line census, which shall enable the burden on respondents to be reduced. In September and October 2017 there was the interministerial commentary procedure held. The final bill shall be submitted to the Government of the Czech Republic, following the comments have been dealt with, in spring 2018.

Simultaneously, in the course of the whole year preparations of respective census phases were in progress. These were namely transformation and analysis of administrative data samples, including potential of their use in methodology in a concrete way. Procedures of microdata processing were developed, a concept of territorial preparations, including their organisational, logistic, and personnel back-up, as well as overall approach to outputs were created, analysis of security measures was performed etc. Activities in all of the aforementioned fields of the census preparations shall continue in the next period as well.



Besides the aforementioned activities the Czech Statistical Office contributed to census preparations on the international level as well. These were, for instance, works related to a bill of a European regulation on providing data for harmonised territorial units at the level of a kilometre square network or cooperation in preparations of European strategy of population censuses after 2021. The strategy assumes, besides the ten-year period of the census, also censuses integrated into demographic statistics carried out with one-year periodicity. ■

PRODUCTS AND SERVICES



Nejnovější údaje

Číslo obyvatel	10 397 473 ↑
Číslo obyvatel na km ²	20 050 kč ↑
Míra nezaměstnanosti	2,4 % ↑
Průměrná mzda	5,1 % ↑
Průměrná mzda v zahraničí	2,7 % ↑
Průměrná mzda v zahraničí	3,2 % ↓

Vybírejte si kraj



VĚŘEJNÁ DATABÁZE

VOLBY

STATISTIKA.MY
ÚMRTNOST

DATATEWEB

All applications developed within the Project of the Redesign of the Statistical Information System proved well in routine operation. In 2017 they were further developed the way to respond to up-to-date requirements of their administrators as well as their end users.



CZSO Website

The main source of statistical information for the users is the Czech Statistical Office internet presentation on www.czso.cz. The year 2017 improving of respective functionalities of the editorial system continued depending on continuously acquired feedback from the website users. The setting of filters in the Catalogue of Products was in the section Date of Issue expanded with new options 'Next one week' and 'Previous one week'. In 2017 a new application for processing of the review procedure of the journal of Demografie, which is published by the Czech Statistical Office, was created by the External Public Relations Department in cooperation with the Demographic Statistics Unit. The application enables keeping the agenda of the review procedure, registers of reviewers and papers, addressing the reviewers, and registers of reviews and contents of respective journal issues.

The bounce rate of the CZSO website recorded a slight increase in 2017 compared to that in 2016. From the home page, which was viewed 9.85 million times, 1 598 thousand visitors (users) proceeded to other pages and recorded 2 998 visits. An average visitor browsed through three pages per visit and their visit lasted for three minutes.

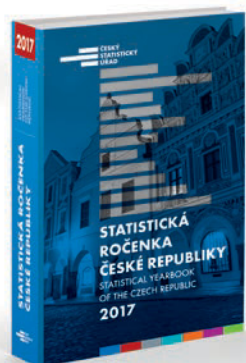
The pages of highest bounce rate were, as usual, Data Collection; Population; Inflation, Consumer Prices; Statistics; Elections 2017; Questionnaire on-line filling (Dante Web); Classifications; Classification of Economic Activities (CZ-NACE) – in Czech only.

In order to access the website of www.czso.cz the users utilise most often the PC (86.5% users), then the mobile phone (11.3% users), and 2.2% of users viewed the website on the tablet. It also worth mentioning, that besides visitors coming from the Czech Republic, the CZSO website is relatively often browsed by people from the United Kingdom (217 thousand users), United States of America (103 thousand users) and from Germany (19 thousand users.).

Public Database

The new version of the Public Database (VDB) fulfilled its role of the main source of statistical data from every field of statistics both for publishing of interactive tables, graphs and cartograms, and for animated graphs. Data stored in the VDB served as a source for preparations of 25 data sets in open formats, which were registered in the National Catalogue of Open Data. More and more the Czech Statistical Office publications use links to tables taking data from the VDB instead from traditional XLS tables. Comfort of users of the presentation application was increased when users newly can order sending of news in the VDB or information on changes to popular themes, fix head of longer tables, or affect final outlook of graphic outputs. Protection of sensitive data against their public disclosure in the internal environment of the Czech Statistical Office was reinforced.

The number of visits on the VDB for the whole 2017 attained 295 thousand which means a slight increase by four per cent.



There were 137 thousand users interested in the VDB. The users on average browsed through 9.3 pages per visit a thus the number of viewed pages reached 2.7 million. Two thirds of the users utilised the advantage of the offer of predefined data output tables. The number of the users, utilised some of the territory profile offered, grew to one quarter. The share of users, who compiled their own tables from the data offered, also increased to eleven per cent. In 2017 the users showed the highest interest in basic characteristics of employment from the Labour Force Sample Survey, yet traditionally also in demographic data, as age structure of the population, then in price statistics, as consumer prices of foodstuffs. In the course of 2017 there were 14.7 million new data stored in the database. Thus it stored 496 million updated data at the end of the year.

Publication Activities

The overview of all the CZSO products planned for 2017 can be found in the Catalogue of Products, which is available to

the users on the Office website. The Catalogue of Products offers wide varieties of searching; the users may filter products depending on the most varied criteria as, for instance, territorial structure, type of publication, group of statistics, date of publication, etc. It is natural that information is preferentially published on the website, where all the products are available for free.

At the end of 2017 the Catalogue of Products included in total 447 items as, inter alia, 74 printed publications, 21 types of news releases, numerous datasets, analyses, and time series. There were 1 032 outcomes, most on price statistics (275), regional statistics (94), and construction (71), published in 2017. The Statistical Yearbook of the Czech Republic was the most sought outcome again, followed by the Demographic Yearbook of the Czech Republic, Small Lexicon of Municipalities, and the brochure of the Czech Republic in Figures.



There were 20 new readers registered in the Central Statistical library. At the end of 2017 the Library had 2 100 registered readers. In the course of the year the Library was attended by 1 006 persons who borrowed 4 803 publications, mostly for in-house studies.

Services Provided

The information services workplaces received and dealt with almost 12 thousand queries in 2017. Revenues from products and services reached CZK 2.7 million. The largest item in income was the sales of the Statistical Business Register (56.6%) and then developing outputs for requirements of non-standard tailor-made services (16.7%), data provided for scientific purposes (14.5%), and outputs from the Register of Census Districts and Buildings (8.3%). The declining number of queries has been over a long term affected by the fact that ever more and more CZSO products have been published for free on the CZSO website and that familiarity with the website has been

getting ever better. The CZSO had been a part of the international network of national contact centres of the European Statistical Data Support for already the fourteenth year. Within participation in this project the CZSO employees answered 199 requests for European data in 2017.

ISLP Poster Competition

The Czech Statistical Office has been implementing activities aimed on increased population awareness on statistics for over a long term. In 2016 there was already 4th ISLP Poster Competition, which is organised by the Czech Statistical Office in cooperation with the University of Economy, Prague. The contest has its website at www.czso.cz/stat_gramotnost giving references to past contests. The national round of this contest was held in February 2017 and winners of the international round will be announced at the 61st World Congress of the International Statistical Institute in Marrakech, Morocco. ■



EXTERNAL COMMUNICATION

In 2017 the Czech Statistical Office in an active manner continued in providing the public with statistical information and raising statistical awareness. The Office applied widely varied communication tools for this purpose. Pieces of information were published on the website, or at press conferences held, in issued press releases and journals, and in continued presentations of statistical outcomes delivered in the form of the data visualisation, through mobile applications, as exhibitions, and by other means.



Media relations

In 2017 the Office held in total 19 press conferences, which were all accompanied with press releases and the whole presentations thereof were published on the CZSO website and on the social network of SlideShare. The Office issued 107 press releases, by 15 more than in 2016, which were supplemented with sound recordings of respective respondent statements. The Office used press communications to draw attention of media to currently issued news releases.

In 2017 the Office dealt with over 1 250 direct queries from media. The monitoring of Newton Media indicates that in the period from 1 January to 31 December 2017 there were almost 34 500 outcomes in media, which is by 5 600 more than in 2016. Articles and reportages came from 789 sources and from 5 167 authors.

In 2017 the majority of communicates (61.20%) was published on the Internet, 28.62% were issued in printed press, 5.18% were broadcast by TV channels, and 5.00% were broadcast by radio stations. The results may, however, be affected by the method of monitoring by Newton Media, which in the overview for the Czech Statistical Office, generate neither outcomes from the stream broadcast of the public Czech Radio, Czech Television etc., nor outcomes from press agencies or social networks.

In 2017 there were 2 551 citations of 122 CZSO employees registered in the media monitored. The most often cited person was Prof Ing Iva Ritschelová, CSc, President of the Czech Statistical

Office with 539 citations. The daily overview of media outcomes was distributed to the CZSO employees by means of the intranet address monitoring@czso.cz.

In 2017 the Czech Statistical Office continued in its active presence on social networks. In 2017 there were on the CZSO official account on Twitter – @statistickyurad – published 442 contributions, excluding retweets. The Office also published in this social network interestingly made pieces of infographic developed on occasions of important days or anniversaries. The Office Twitter account was followed by over 11 700 users, by about 2 500 more than in the previous year. On the Czech version of Wikipedia the CZSO regularly updated information on the institute, basic terms of statistics, statistical indicators etc.

Besides sound recordings of respondents, which formed a part of press releases of press communications, the Office prepared also audiovisual recordings for media and published them on YouTube, prior the first round of the Presidential Elections.

Journals of the Czech Statistical Office

In 2017 there were 10 volumes of the journal of Statistika&My and 4 volumes of the professional quarterly journals of Statistika: Statistics and Economy Journal and of Demografie issued.

In May 2017, the journal of **Statistika&My** won the fourth year of the competition of Fénix Content Marketing in the category



of B2E - Papers and Journals of Public Administration, Public and Non-Profit Sector repeating its last year win of the competition. The competition evaluates the best actions of companies from the standpoint of contents, good work, and expressed creativity in the field of printed media and on-line communication. In 15th professional contest of Golden Semicolon, which is to evaluate corporate periodicals as well as non-periodicals dedicated to presentation of corporation, products and services to customers, trade partners and employees in April 2017 the journal of Statistika&My won the TOP Rated Award in the category G2C - Journal and Newspaper of Public Administration, and Grand Prix Award for the content.

The journal of **Demografie, Review for Research on the Population Development**, which has been published by the CZSO as long as since 1959, was in 2017 enlisted in the citation database of the Emerging Sources Citation Index which forms a part of the Web of Science Core Collection. The journal maintained its content structure last year and brought numerous interesting papers, commemorated important life jubilees of personalities not only of the Czech demography, and informed readers on hot news, conferences, etc. Mr Roman Kurkin replaced Ms Terezie Štyglerová at the position of the Chair of Editorial Board.

In 2017 the reviewed professional journal of **Statistika: Statistics and Economy Journal**, which has been published since 1964 (since 2011 in the English version only) was issued regularly as a quarterly as an open access source - with open access to scientific information. The journal is indexed in the international citation database



of reviewed professional literature Scopus and was also enlisted in the Emerging Sources Citation Index Web of Science (ESCI Thomson Reuters) of the Web of Science Core Collection.

Increasing of Statistical Literacy

On 20 October 2017 the Czech Statistical Office became involved in celebrations of the European Statistics Day in an active manner. The Office arranged a press conference where most popular names of children born in January 2017 were revealed. The CZSO also developed an overview of unusual names which Czech parents gave their descendants and the most frequent names of children and parents in regions of the Czech Republic. In the Central Statistical Library visitors could have a look at the most interesting volumes of the library collection. An exhibition called Story of Statistics, which in an absorbing manner presented ways of the world and Czech statistics since the beginning of mankind till the present, was installed in the CZSO premises. At the CZSO Twitter account (@statistickyurad) under the hashtag #StatsDay2017 the Office presented pieces of infographic on child names and comparing the Czech Republic to other Members States of the European Union. At the CZSO website the Office released a digital publication of Eurostat, which portrays life of women and men in the European Union in the Czech language.

Direct Presentation of Outcomes

In 2017 there were four exhibitions arranged in the public accessible rooms of the CZSO Headquarters in Prague. A great success received the exhibition of the winners of the photographic contest My&Statistika, then the exhibition of photographs of Martin Frouz capturing conservation of historical monuments and antiquities, and



the exhibition of the et cetera art group which brought photographs of V Slabý, paintings of T Buza, and sculptures of T Pergler. ■



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INTERNATIONAL COOPERATION

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The CZSO participates in international cooperation mainly within the European Statistical System (ESS); however, it also takes part in activities of international organisations such as the UN and the OECD and in cooperation with national statistical institutes of other countries.



European Union

Main destinations of business trips abroad of representatives of the CZSO were bodies of the Council of the EU and of the European Commission / Eurostat in order to participate in their meetings.

In 2017, the Working Party on Statistics of the Council of the EU dealt mainly with proposals for legal regulations in the area of the Classification of Territorial Statistical Units (NUTS), European social statistics, agricultural statistics, and national accounts. The CZSO also participated in work of the Sub-Committee on Statistics of the Economic and Financial Committee of the Council of the EU.

The highest number of events was organised by the European Commission / Eurostat, namely on all levels (from the top level to expert one). The European Statistical System Committee consisting of heads of national statistical institutes discussed strategic goals as to functioning and further development of the ESS; it dealt with preparation of new framework regulations (especially in the business statistics domain) and adopted also ten draft implementing acts. The CZSO representatives participated in activities of meetings and working groups for individual statistical domains and in resolution of specific professional issues within ad hoc task forces. They were also engaged in joint activities of the ESS with the European System of Central Banks.

In relation to an assessment of the compliance with the European Statistics Code of Practice in the form of a peer review by

a group of experts from the ESS (it took place in the CR in 2015), recommendations have been gradually applied that were contained in the Final Report from the peer review.

The regular annual Conference of the Directors General of the National Statistical Institutes (DGINS), which took place in Budapest, focused on the ESS priorities after 2020 and migration statistics – population movements and integration issues. Representatives of the CZSO participated also in other seminars and conferences; for example, the CZSO President participated in a seminar of heads of national statistical institutes on priorities of the ESS after 2020 in Malta in March 2017 and the CZSO Vice President participated in Power from Statistics; Data, Information and Knowledge conference in October 2017, in the 5th meeting of the European Statistical Forum in November 2017, and in a meeting of a task force on an amended regulation No 223/2009 on European statistics.

Involvement of the CZSO in projects financially supported by grants of the EU (e.g. in the area of demography, agriculture, price statistics, national accounts, labour statistics, ICT use, business registers, business cycle survey statistics, etc.) continued. To extend their competence, experts of the CZSO participated in training courses, mostly within the European Statistical Training Programme (ESTP).

Other international cooperation

The UN Statistical Commission (UNSC) on its annual session (in which the CZSO President participated) negotiated documents





dealing with the current state of sector statistics and proposals for further steps. Sustainable development indicators for the Agenda 2030 were the main topic; other topics included national accounts, regional statistics, environmental accounts, migration statistics, tourism statistics, statistics of climate changes, and other. The UN Expert Group on Environment Statistics took place in Prague in 2017 and was chaired by the CZSO President. It was attended by experts from 17 countries and 13 international organisations.

Within activities of the Conference of European Statisticians of the UN Economic Commission for Europe, representatives of the CZSO participated in meetings, for example, in the area of measurement of sustainable development goals, national accounts, and tourism.

With regard to financial possibilities, representatives of the CZSO participated in work of selected expert bodies of the OECD, e.g. in the area of statistics of science, technology, and innovation, external trade, household income, and national and financial accounts.

Technical assistance

In 2017, the CZSO continued to provide technical assistance (TA) abroad in order to contribute to further harmonisation of statistics in countries within a process of transformation of their economy and the society, including strengthening their statistical infrastructure. Experts from the CZSO continued in their involvement in a twinning project in Azerbaijan (financed from funds of the EU) under the leadership of the Federal Statistical Office of Germany (DESTATIS), namely in the area of tourism statistics. Within TA, also five study visits to the CZSO were paid. To put it concretely, they were as follows: a visit of experts from the former Yugoslav Republic of Macedonia (FYROM)

concerning government financial statistics, a visit from Serbia as to national accounts, and from Albania, Bosnia and Herzegovina, and Kosovo about EU-SILC issues (all financed from funds of the EU). Two more study visits focusing on national accounts were organized for experts from Kyrgyzstan and Tajikistan (both financed by the World Bank). Of no lesser importance was also participation of experts from the CZSO in a mission within the TAIEX instrument (of the European Commission) in Armenia; it was focused on agricultural statistics.

Bilateral and multilateral cooperation

Within the framework of long-term bilateral cooperation with the Statistical Office of the Slovak Republic, many working consultations took place on both the top and expert levels. Meetings focused on the issues of provision of open data, the Population and Housing Census, preparation of elections, external trade statistics, statistics on trade and services, and business statistics. Cross-border cooperation continued with colleagues from Austria, Germany, and Poland that focused mainly on common presentation of statistical data on the respective regions. Topical issues resulting from the membership in the EU were on the agenda of several bilateral meetings with experts from Eurostat or with the National Bank of Belgium, as well as of a task force on Prices and Volumes, in which representatives of almost ten national statistical institutes, the European Central Bank, the OECD, and Eurostat participated.

The total number of business trips abroad in 2017 was 214; employees of the CZSO participated during them in 192 events. In the CZSO, 19 foreign visits and meetings were held in total in 2017; they were attended by 103 foreign experts. ■



HUMAN RESOURCES MANAGEMENT

In 2017 human resources management concentrated on continuing implementation of the Act No 234/2014 Sb on civil service as amended (hereinafter as the CSA). The decisive elements of the process were tenders for civil service positions, the service evaluation of the civil servants, application of the CSA amendment since 1 June 2017, and civil servant examinations. Emphasis was also put on improving and broadening of employees' qualifications and skills and on permanent development of their professional knowledge and abilities.

For 2017 the Ministry of Finance determined for the Czech Statistical Office the binding limit number of employees of 1 390 persons. The actual annual average full-time equivalent number was 1 289 employees. As at 31 December 2017 the CZSO was employing in total 1 303 persons (headcount) of which 996 were females.

Ninety-seven new employees joined the Czech Statistical Office in the course of 2017. There were one hundred fourteen employees who left the CZSO for reasons as follows: 23 upon agreement, 8 by giving notice by employees, 14 due to expiry of a contract for definite period, 39 upon an application of the civil servant pursuant to Section 73 of the CSA, 6 upon expiry of the trial period by employees, 7 upon expiry of the trial period by employer, and 3 due to employee death. Then work contract of four employees was dismissed pursuant to Section 190 (4) of the CSA and five employees were transferred to other civil service office. One employee was dismissed due to redundancy pursuant to Section 52 c) of the Labour Code. Three employees were dismissed due to organisation reasons pursuant to Section 72 of the CSA. One employee was dismissed due to they reached 70 years of age pursuant to Section 74 (1) h) of the CSA. Out of the total number of dismissals of work or service contract thirty employees leaved for old-age retirement and one employee for disability retirement. The attained fluctuation rate of 8.7 per cent increased by 2.1 percentage point compared to that of the last year.



Employees from 2014 to 2017 as at 31 December of the given year				
	2014	2015	2016	2017
Number of employees	1 378	1 345	1 321	1 303
Number of civil servants	0	1 091	1 102	1 113
Percentage of females	75.7	76.4	76.5	76.4
Percentage of higher education graduates	51.6	53.9	56.0	57.2
Average age (years)	47.9	47.8	47.5	48.0
Age group				
Up to 30 years	93	92	101	97
31–40 years	282	276	257	229
41–50 years	374	365	355	375
51–60 years	484	479	485	460
61+ years	145	133	123	142



In the last year 49 employees of the CZSO passed successfully the civil servant examination, one employee had to repeat the examination, and this way they complied with a legal prerequisite for staying at a position of the civil servant. In the course of the year conditions in tenders pursuant to the Civil Service Act become to improve slightly and the number of applicants was growing gradually. The most troublesome positions to hire employees for are IT positions, even in cases the Office repeat tenders many times in most cases with no response from applicants. Calls for tenders for civil servant positions at regional administrations are more successful concerning the numbers of applicants and these positions are managed to get filled without any repeated calls for tenders.

The share of the CZSO employees with higher education reached 57.2%, the share of employees with secondary education (i.e. secondary education with A-level examination and higher professional school graduates) was 41.8% of the total number of employees. The permanently growing share of employees with higher education is a result of controlled transformation of the Office qualification structure.

Ageing of the population has also been reflected in the age structure of the Office employees. The average age of the CZSO employees is 48.0 years. The age structure has remained virtually unchanged over the recent years. The employees aged 51–60 years and 41–50 years form the largest share thereof.

Courses and Education

Education of the CZSO employees is a planned process of modification of attitudes, knowledge, and skills by means of learning in order



to attain the required work or service performance. In 2017 in the CZSO there were numerous statistical courses, training for applications of the Redesign of the Statistical Information System project, training of activities following to the Act on Civil Service implementation, short-term professional courses, language courses, training for development of managers, etc. All educational events implemented were focused on improved employees' education in areas important for fulfilling of work or service duties. Besides the planned training courses included in the Catalogue of Courses 2017, there were, during the year, courses initiated by up-to-date requirements of managers and/or superiors provided operatively.

In the course of 2016 there were 395 courses/classes/training short-term courses and other educational events implemented in-house in the CZSO. These courses were attended by 3 805 persons. Over one half of the courses/training was held in classrooms and halls of the CZSO, including at premises of regional administrations, in which 3 485 persons participated, including external participants. About a quarter of the courses were lectured by the CZSO employees. Employees were sent out of the Office to training companies for special professional trainings. Fourteen persons, one external, participated in courses abroad. One CZSO employee was a lecturer at a course of the European Statistical Training Programme abroad.

It was necessary to provide employees with education in the field of civil service in relation to preparations for the Civil Servant Examination. In 2016 there was a "Seminary on a Special Part of the Civil Servant Examination" held in the CZSO and employees

were offered a 'simulator of questions of the general part of the Civil Servant Examination' in which they could try the test of the general part thereof. The Civil Servant Examinations were organised in the CZSO for services No 69 (State Statistical Service). There were in total 9 Civil Servant Examinations arranged in which 49 employees and 4 external participants took part.

The CZSO drew resources for employee education at the amount of CZK 4 245 thousand, while each employees participated in approx. 2.92 courses, on average. Expenditure on education was approx. 3 258 CZK per employee. ■

Course type	Number of participants ¹⁾
Short-term professional courses ²⁾	3 469
Long-term courses	22
Language courses	314
Total	3 805

¹⁾ Includes external participants.

²⁾ Courses shorter than 5 days, incl. conferences and activities related to the Civil Service Act implementation.



FINANCIAL MANAGEMENT

In 2017, the CZSO budget was influenced by continuation of ensuring of sustainability of three projects co-financed from the Integrated Operational Programme (IOP), ensuring of regular elections to the Chamber of Deputies of the Parliament of the CR, preparation for the election of the President in 2018, and fulfilment of other tasks of the State Statistical Service. Resources were drawn in a maximally purposeful, economical, and effective manner.



Data on Income and Expenditure Budget

On 7 December 2016, the Chamber of Deputies of the Parliament of the Czech Republic, by its Resolution No 1449 passed the Act No 457/2016 Sb, on the State Budget of the Czech Republic for 2017.

The aforementioned act approved an income budget for the Chapter 345 - Czech Statistical Office in the amount of CZK 14 867.80 thousand and an expenditure budget in the amount of CZK 971 816.50 thousand.

During the course of 2017, the Ministry of Finance permitted an overall adjustment of the budget of the chapter as follows:

a) The determined allocation of expenditure was increased by the amount of CZK 130 275.00 thousand, because it did not cover expenditure to ensure new elections to local councils, regular elections to the Chamber of Deputies of the Parliament of the CR, repeated elections to the Senate of the Parliament of the CR, regular election of the President of the CR, sources for the coverage of expenditure for the implementation of an updated Concept of Integration of Foreigners - In Mutual Respect in 2017, sources for expenditure related to processing of administrative data of the Czech Social Security Administration for the year 2017 (*Nem-Úr 1-02* statistical report/questionnaire), an increase in wages and accessories for the 11th and 12th month of

2017 pursuant to the Government Resolution No 736/2017, and resources to cover costs of the Sample Survey of People with Disabilities according to the Government Resolution No 385/2017.

b) The determined expenditure budget was reduced by CZK 2 744.03 thousand due to a transfer of resources for the Ministry of the Interior in order to cover operation of the Information System of the Administrative Business Register.

After these adjustments, the income budget remained in the amount of CZK 14 867.80 thousand and the expenditure budget after changes amounted to CZK 1 099 347.47 thousand. This expenditure budget was raised by extra-budgetary resources in the total amount of CZK 202 416,09 thousand, i.e. by claims from unused expenditure, the reserve fund, a transfer from the Fund of Cultural and Social Needs, and resources credited to the income account during the course of the year. The final expenditure budget was CZK 1 301 763.56 thousand.

The final expenditure budget broken down by type: wages, other personnel expenses (OPE), insurance, and allocations to the Fund of Cultural and Social Needs made a total of CZK 888 575.28 thousand (68.26%), material expenditure was in the amount of CZK 313 259.56 thousand (24.07%), transfers to the reserve fund CZK 195.02 thousand (0.01%), and capital expenditure CZK 99 733.70 thousand (7.66%).



Actually Attained Income and Drawing of Expenditure

Income

Budgeted income was fulfilled in the amount of CZK 16 583.17 thousand, i.e. for 111.54%.

Total income in 2017 reached 81.99% of the amount of income generated in the year 2016. Compared to 2016, the decrease by CZK 3 643.36 thousand in 2017 was influenced mainly by constantly decreasing volume of revenues from own activity and by a decrease of income from non-investment transfers from international institutions. Revenues from own activity amounted in total to CZK 2 694.16 thousand, which is by CZK 636.48 thousand less than in 2016 and by CZK 394.16 thousand more than it was expected in the budget after the adjustments for 2017. More than a half of the revenues comes from non-standard orders (e.g. selections from databases, compilation of special tailored outputs, sale of data for scientific and research purposes). Revenues from lease of property amounted to CZK 132.65 thousand, which is by CZK 36.67 thousand more than in 2016. Irregular income from sale of unnecessary tangible fixed assets amounted to CZK 282.63 thousand, which is by CZK 194.43 thousand more than in 2016. Sanction payments (contractual penalties and late payment interests) were received in the amount of CZK 282.62 thousand, which is by CZK 26.54 thousand less than in 2016. Within tax-free income, other tax-free income was CZK 695.13 thousand. Compared to 2016, the reported status is by CZK 42.72 thousand lower. Another part of total income consisted of transfers received, which were



achieved in the amount of CZK 12 495.98 thousand. Compared to 2016, when transfers received were reported in the amount of CZK 15 664.70 thousand, the fulfilment was by CZK 3 168.72 thousand lower.

Expenditure

In 2017, the total drawing of expenditure was in the amount of CZK 1 077 545.52 thousand, i.e. for 82.78%.

Of the total amount of drawing of expenditure, current expenditure was CZK 992 375.39 thousand (92.10%) and capital expenditure CZK 85 170.13 thousand (7.90%). In comparison with 2016, total drawing of expenditure was higher by CZK 129 621.22 thousand. In 2017 (compared to 2016), current expenditure was higher by CZK 60 339.47 thousand, of which current expenditure on operation and activities of the CZSO was by CZK 60 292.57 thousand higher. Expenditure on elections was by CZK 1 288.94 thousand lower. In 2017, also sources to ensure the 2021 Population and Housing Census were drawn in the amount of CZK 1 335.84 thousand. Drawing of capital expenditure in 2017 was by CZK 69 281.75 thousand higher than in 2016.

Elections

In 2017, new, regular, and repeated elections were held in six terms. They were new elections to local councils, regular elections to the Chamber of Deputies of the Parliament of the CR, and repeated elections to the Senate of the Parliament of the CR.

From provided resources in the amount of CZK 117 541.69 thousand to ensure current expenditure of elections, CZK 61 462.97 thousand was drawn to ensure financing of the preparation and processing of election results (i.e. 52.29%), of which in the Section 6114 Elections to the Senate of the Parliament of the Czech Republic and elections to the Chamber of Deputies of the Parliament of the CR CZK 55 682.81 thousand was drawn, in the Section 6115 Elections to local councils CZK 3 058.30 thousand was drawn from current expenditure and in the Section 6118 Election of the President of the CR CZK 2 721.86 thousand was drawn from current expenditure.

In 2017, CZK 7 550.00 thousand were earmarked in the budget to cover election-related capital expenditure and CZK 1 083.50 thousand were drawn from the claims from unused expenditure. In total, CZK 7 249.99 thousand were drawn from the budget and CZK 194.50 thousand from the claims from unused expenditure. Capital expenditure was drawn for the following events: "Modernisation of network elements in Regional Offices of the CZSO" and "Development of application software for elections, phases V and VI".

Operation and Activities of the CZSO

Resources for expenditure in Section 6146 – the Czech Statistical Office represent resources from which expenditure is covered in connection with the operation and activities of the CZSO's own workplaces. The final budget after the incorporation of claims from unused expenditure, the reserve fund, a transfer from the Fund

of Cultural and Social Needs, and resources from the income account reached the volume of CZK 1 173 044.88 thousand. Drawing in Section 6146 – the Czech Statistical Office was in the amount of CZK 1 007 268.47 thousand (i.e. 85.87% of the final budget), of which current expenditure amounted to CZK 929 542.83 thousand and capital expenditure CZK 77 725.64 thousand.

Drawing of personnel costs was (compared to 2016) higher by CZK 21 704.27 thousand; it was caused mainly by an increase in wages including accessories by 5% since November 2016 and by 10% since November 2017.

Compared to 2016, drawing of material expenditure was by CZK 38 586.59 thousand higher, especially due to expenditure for a bulk purchase of notebooks, monitors, PCs, and printers and for a purchase of Microsoft Office 2016 licences and VMware.

In 2017, capital expenditure was in Section 6146 drawn in the amount of CZK 77 725.64 thousand. Compared to 2016, it was an increase by CZK 62 576.57 thousand, because tenders (that had been unsuccessful in the previous years) were realized and due to different financial demands for realized investment events. The most important increase of capital expenditure in 2017 was due to

ensuring of functioning of the Information System of the Administrative Business Register; it was an increase in the expenditure (compared to 2016) by CZK 23 867.35 thousand.

Programmes Co-financed from Abroad

In 2017, the total of CZK 11 692.68 thousand of budgetary and extra-budgetary resources (i.e. from claims from unused expenditure, resources provided to the income account from abroad, and from the reserve fund) were drawn for programmes co-financed by the EU. In 2017, the CZSO implemented from budget resources of the Community Statistical Programme 2014+ 9 projects in total co-financed from EU sources, further 12 projects of the Community Statistical Programme from the claims from unused expenditure, and 1 project from the reserve fund. From extra-budgetary resources, missions and study visits of the Twinning out were financed, as well as lecturing of the Social Statistics ESTP Lot 9 – 2017 course and missions within TAIEX (Technical Assistance and Information Exchange instrument of the European Commission).

From non-EU resources from abroad, for technical assistance (TA) outside the EU the amount of CZK 370.94 thousand were paid in total. From the reserve fund, CZK 303.66 thousand were



paid for technical assistance to Kazakhstan; from resources paid to the income account, CZK 40.74 thousand were paid to TA to Tajikistan and CZK 26.54 thousand for a project of TA to Kyrgyzstan.

It ensues from an analysis of drawing of expenditure in all the sections, broken down by type, that personnel expenses (wages, other personnel expenses, severance pays, mandatory insurance, contributions to the Fund of Cultural and Social Needs) in the total amount of CZK 763 240.67 thousand comprised 70.83% of the total expenditure. Material expenditure in the amount of CZK 228 939.70 thousand made 21.25% of the total budget drawing (purchase of materials, energy, and services). Transfers to the reserve fund amounted to CZK 195.02 thousand, i.e. 0.02% of the total drawing. Capital expenditure of the CZSO in 2017 was made within the framework of the programme for the financing of reproduction of CZSO assets kept within the Programme Financing Information System EDS/SMVS within the Programme 145 01 - Development and Modernisation of Material-Technical Basis of the CZSO, and actual drawing of expenditure was CZK 85 170.13 thousand, i.e. 7.90% of the total expenditure. To cover the total expenditure, CZK 905 258.06 thousand were drawn from the budget sources and CZK 172 287.46 from extra-budgetary resources.

The status of claims from unused expenditure as at 1 January 2018 is CZK 426 099.07 thousand in total, of which CZK 248 856.48 thousand consist of profiling expenditure. These cover the amount of CZK 170 601.23 thousand for wages of state employees, wages of employees employed pursuant to the Labour Code, and other payments for work done, resources to finance EU projects excluding wages and OPE in the amount of CZK 6 373.57 thousand, the amount of CZK 22 329.62 thousand for events recorded in the EDS/SMVS information system, and resources designated for settlement with the state budget for elections and other labelled expenditure in the amount of CZK 49 552.06 thousand. Non-profiling expenditure as at 1 January 2018 is CZK 177 242.59 thousand.

The balance of the reserve fund as at 31 December 2017, in the amount of CZK 2 064.07 thousand, represents resources designated for the financing of projects/grants of the Community Statistical Programme and technical assistance and other activities abroad.

Financial resources determined in 2017 for the CZSO (from the approved state budget and with involvement of extra-budgetary resources) were drawn in accordance with the fulfilment of tasks of the CZSO, in compliance with the budgetary rules and with an emphasis on their economical and purposeful expenditure. ■



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[Redacted]

[Redacted]

CONTACTS

CONTACTS TO THE HEADQUARTERS

Czech Statistical Office

Na padesátém 81, 100 82 Prague 10,
Czech Republic
phone: (+420) 274 051 111
www.czso.cz

Information Services Unit

phone: (+420) 274 052 304,
(+420) 274 052 451
e-mail: infoservis@czso.cz

CZSO Publication Shop

phone: (+420) 274 052 361
e-mail: prodejna@czso.cz

European Statistical Data Support

phone: (+420) 274 052 347
e-mail: esds@czso.cz

Central Statistical Library

phone: (+420) 274 052 361
e-mail: knihovna@czso.cz

INFORMATION SERVICES IN REGIONS

Hl. m. Praha (City of Prague)

Na padesátém 81, 100 82 Prague 10,
Czech Republic
phone: (+420) 274 052 673,
(+420) 274 054 223
e-mail: infoservispraha@czso.cz
www.praha.czso.cz

Středočeský Region

Na padesátém 81, 100 82 Prague 10,
Czech Republic
phone: (+420) 274 054 175
e-mail: infoservisstc@czso.cz
www.stredocesky.czso.cz

České Budějovice

Žižkova 1, 370 77 České Budějovice,
Czech Republic
phone: (+420) 386 718 440
e-mail: infoserviscb@czso.cz
www.cbudejovice.czso.cz

Plzeň

Slovanská alej 36, 326 64 Plzeň,
Czech Republic
phone: (+420) 377 612 145,
(+420) 377 612 249
e-mail: infoservisplzen@czso.cz
www.plzen.czso.cz

Karlovy Vary

Závodní 360/94, 360 06 Karlovy Vary,
Czech Republic
phone: (+420) 353 114 529,
(+420) 353 114 525
e-mail: infoserviskv@czso.cz
www.kvary.czso.cz

Ústí nad Labem

Špálůva 2684, 400 11 Ústí nad Labem,
Czech Republic
phone: (+420) 472 706 176,
(+420) 472 706 121
e-mail: infoservisul@czso.cz
www.ustinadlabem.czso.cz

Liberec

nám. Dr. Edvarda Beneše 585/26,
460 01 Liberec 1, Czech Republic
phone: (+420) 485 238 811
e-mail: infoservislibc@czso.cz
www.liberec.czso.cz

Hradec Králové

Myslivečkova 914,
500 03 Hradec Králové 3, Czech Republic
phone: (+420) 495 762 322,
(+420) 495 762 317
e-mail: infoservisshk@czso.cz
www.hradeckralove.czso.cz

Pardubice

V Ráji 872, 531 53 Pardubice,
Czech Republic
phone: (+420) 466 743 480,
(+420) 466 743 418
e-mail: infoservispa@czso.cz
www.pardubice.czso.cz

Jihlava

Ke Skalce 30, 586 01 Jihlava,
Czech Republic
phone: (+420) 567 109 062,
(+420) 567 109 073
e-mail: infoservisvys@czso.cz
www.jihlava.czso.cz

Brno

Jezuitská 2, 601 59 Brno, Czech Republic
phone: (+420) 542 528 115,
(+420) 542 528 200
e-mail: infoservisbrno@czso.cz
www.brno.czso.cz

Olomouc

Jeremenkova 1142/42, 772 11 Olomouc,
Czech Republic
phone: (+420) 585 731 516,
(+420) 585 731 511
e-mail: infoservisolom@czso.cz
www.olomouc.czso.cz

Ostrava

Repínova 17, 702 03 Ostrava,
phone: (+420) 595 131 230,
(+420) 595 131 223
e-mail: infoservis_ov@czso.cz
www.ostrava.czso.cz

Zlín

ř. Tomáše Bati 1565, 761 76 Zlín,
Czech Republic
phone: (+420) 577 004 932,
(+420) 577 004 935
e-mail: infoserviszl@czso.cz
www.zlin.czso.cz



Czech Statistical Office

Na padesátém 81
100 82 Praha 10
Czech Republic

Contact

External Public Relations Department
phone: (+420) 274 052 475
e-mail: michal.novotny@czso.cz

