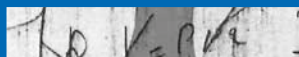




# ANNUAL REPORT 2018





# **ANNUAL REPORT 2018**



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**FOREWORD**



**Marek Rojíček**  
President of the CZSO



Dear Readers,

On the occasion of my appointment to the President of the Czech Statistical Office in the half of March 2018 I declared modernisation of the Czech Statistical Office is my utmost priority. I expressed my wish the term 'modern and user-friendly institution' is not solely a phrase contained in strategic documents. In the course of the last year we managed to make several important steps to achieve the given objective.

I and the Office management were making joint efforts in an active search for further reduction of administrative burden and the use of new data sources. Thresholds of the Intrastat reporting were raised in cooperation with the Customs Administration of the Czech Republic. This means that as early as in 2019 several thousand entities engaged in external trade will experience a real alleviation. We have been negotiating with the Ministry of Finance on acquiring of complete data from final accounts of businesses and also other data from the Czech Tax Administration, as data from the EET and VAT control statements. This shall enable the Office to eliminate duplicities in data collection and further reduce the extent of statistical surveys. Simultaneously, we expect a significant reduction of quarterly surveys in financial and insurance activities, and, since 2020, also a reduction of the quarterly questionnaire P3 04 for entities of selected production economic activities. Options to use administrative data sources in the waste statistics, in which survey was partly substituted for over a thousand of municipalities, have been analysed in an active manner. Last but not least, I would mention a successful start up of the project of the scanner data collection from retail chains, which shall bring consumer price indices of better quality. The possibility to take over these data in accordance with the most up-to-date trends in the official statistics has already been protected in national legislation. At present, there is communication with almost all large retail chains at the working level.

We have also attained a significant progress in relations with the academic sphere. The Office opened so-called safe centre, which is a workplace where the academics may work in a secured environment with statistical microdata for scientific purposes, in the pilot operation as of yet.

Besides experts, the Office also strives to target the general public by increasing visibility of the Office outcomes and also increased statistical awareness. We have been improving service for media. We strive for a larger involvement of the Office employees into

presentations of the data, they create, in the spirit of the saying that the product has to be not solely made but also sold. The 2021 Population and Housing Census will be a great challenge for communication because it will be right communication, which to a great extent will affect willingness of households to provide information on themselves.

Because the Census, as a project, was started in fact at the beginning of the last year, it is also necessary to highlight results that have been achieved so far. The necessary project structures were established, budget was negotiated and agreed upon, and numerous orders have been prepared and started. The white paper of the bill on Census was approved by the Government of the Czech Republic and the section-structured bill is undergoing the interministerial commentary procedure at present.

Concerning the Office operations, we have put a great emphasis on the ICT functioning optimisation. This is a field, which has been undervalued in terms of capacities and investments for a long time and in which certain troubles have been cumulating at present as a consequence. At the turn of the year the Office ICT management was completely restructured and we expect process coordination would improve, budget priorities will be set up, and the Office position in negotiations with external suppliers will get stronger.

Issues of human resources management and creation of motivating environment was paid important attention. The financial motivation system was made more flexible. The offer of non-financial fringe benefits has also been broadened, as the decision to establish a children's group, for instance. Conditions for more flexible work scheduling were created. A special emphasis is put on the system of acquiring and keeping of crucial experts.

There were, however, much more carried out in the last year. The Annual Report text will provide you with a somewhat closer look. Concluding the foreword, I would like to express my thanks to all partners and respondents of the Czech Statistical Office for collaboration in creating of the official statistics. 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, as a tradition, my thanks go to all employees of the Office and ministries, which are those immediately providing for the State Statistical Service performance everyday. ■



**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 is laid down by the State Statistical Service Act and the regulation on European statistics. In its activities the Office follows basic principles of the official statistics adopted by the United Nations Statistical Commission, which are developed in detail in the European Statistics Code of Practice under the conditions of the European Union.



### **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:

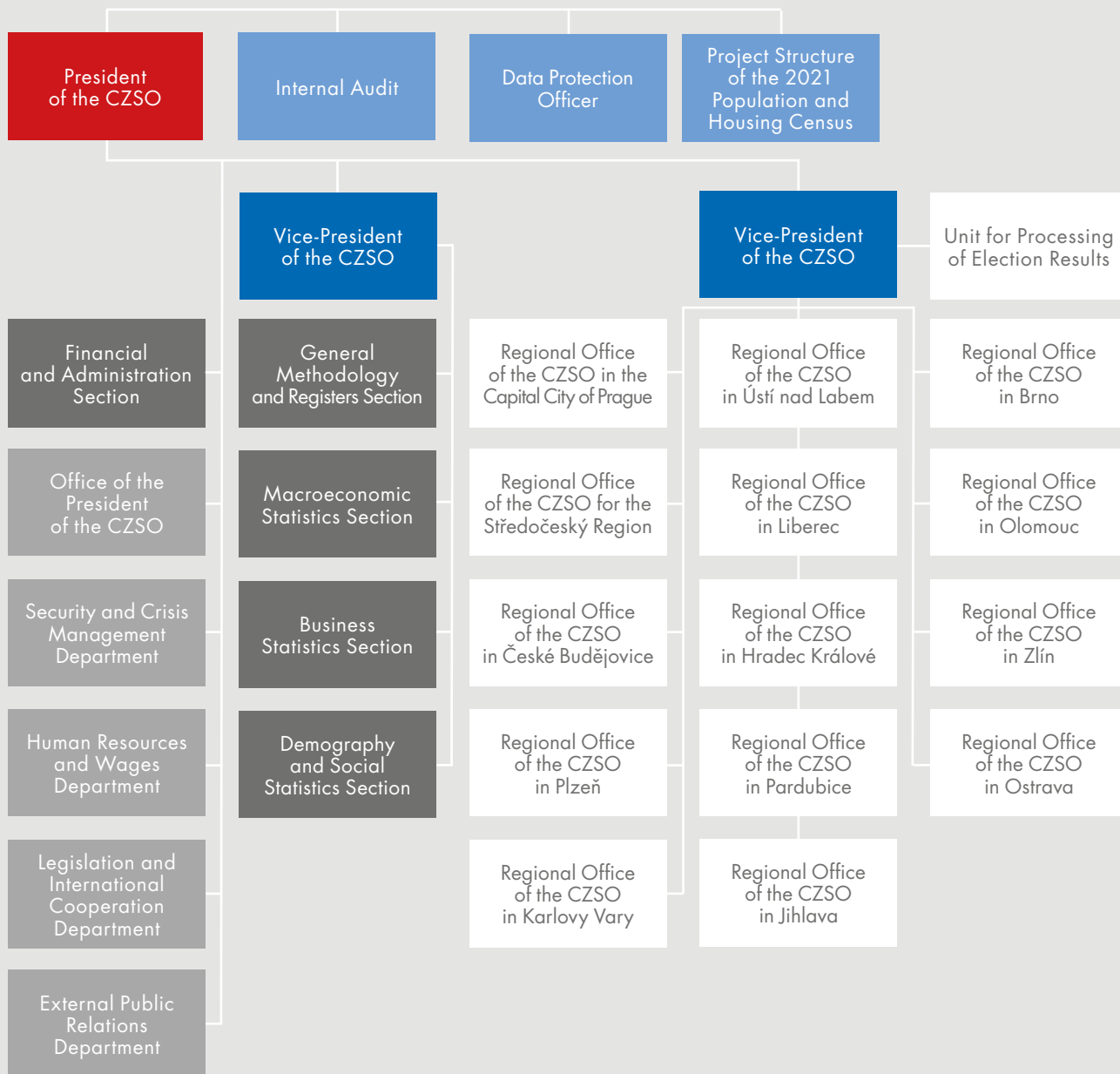
- adheres to and respects fundamental ethical values such as professional approach, independence, impartiality, and openness;
- provides always high quality services to a wide spectrum of users on the principle of equal access to information, and strives this way for the permanent respect, trust, and 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 2018)







The Strategic Development Plan of the CZSO is currently set up till 2022. In order to implement opted strategies, the Czech Statistical Office every year establishes so-called priority tasks, which enable the Office to achieve its strategic objectives.

### President of the Czech Statistical Office

The President of the Czech Statistical Office is Ing Marek Rojíček PhD, who was appointed by the President of the Czech Republic upon the proposal of the Government of the Czech Republic in 2018. The fundamental prerequisite for the title of the President of the Czech Statistical Office is the professional, impartial, and apolitical approach, guaranteeing objectivity and trustworthiness of the official statistics as they are stipulated in 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 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 organisational 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 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, which 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 2018 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, and units for the population and housing census since 2018. Moreover, the large Regional Offices have specialised statistical processing units, which provide services nation-wide. ■



**GENERAL METHODOLOGY AND REGISTERS**

The Czech Statistical Office published the Decree on the Programme of Statistical Surveys for 2019. Based on the decree the Czech Statistical Office and six ministries shall be carrying out statistical surveys, which are sources of data for the creation of summary statistical information on the Czech Republic in 2019. The methodological support to all thirteen national institutions of the State Statistical Service was developed further based on 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 Administrative Business Register (ROS) was operated and further developed already for the sixth year.

### 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 2019 (hereinafter as “the Programme”) was prepared and published in the Collection of Laws. The Programme includes 91 statistical surveys carried out by the Czech Statistical Office and 67 surveys carried out by ministries and their subordinated organisations. Majority of the surveys is namely based on requirements of 54 legal regulations of the European Union and requirements of important users of statistical information. 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, especially electronic communication with respondents of statistical surveys. In 2018 the Czech Statistical Office used over 100 administrative data sources. Thus the administrative data sources employed outnumbered statistical surveys.

In 2018 the **classifications** of the List of Categories of Medical Equipment (KZT) and the Refined Diagnosis Related Groups

The Czech Statistical Office cooperated with the National Registers Authority in developing of the draft of target concept of the ‘Basic Registers 2.0’. Works on improved quality of the content of the statistical registers, which are used for statistical surveys implementation, continued. An unified approach and standardised processing and use of metainformation descriptors, which shall lead to an easier to comprehend parameters and standardised creation of statistical information and open data, continued.

(CZ-IR-DRG) were established by the CZSO Communication No 105/2018 Sb and the CZSO Communication No 159/2018 Sb, respectively. In the course of 2018 several statistical classifications and nomenclatures were updated and published in Collection of Laws of the Czech Republic. These were classifications and nomenclatures as follows: Nomenclature of Currencies and Funds (ČMF) by the CZSO Communications No 114/2018 Sb and No 313/2018 Sb, Classification of Types of Constructions (CZ-CC) by the CZSO Communications No 312/2018 Sb, and International Refined Diagnosis Related Groups (IR-DRG) by the CZSO Communications No 218/2018 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 the processing methodology and its implementation, works on the unified approach and processing standardisation and use of meta-descriptors leading to easier to overview sets of parameters and standardisation of the statistical information



creation and data storage bringing the effect of expanded open data formation were continuing. The aforementioned principle is the cornerstone of the built Statistical Information System, a part of which is central data storages for statistical information, i.e. processing databases, data warehouse, data marketplaces, and public database.

The **data warehouse** is a source of consolidated statistical data and in 2018 was filled with data from all fields of statistics. Besides the data warehouse, data are being consolidated also in respective data marketplaces, which provide structure background data for analysis and statistical information creation. The data warehouse and **data marketplaces** and their presentation layers enter the statistical processing, first of all, as tools for integration enabling data interoperability among respective fields of statistics, statistical registers, and administrative data. In 2018 the development concentrated namely on data marketplaces, which shall enable controlled access of internal users from among the CZSO employees to up-to-date statistical information and data, even down to the level of microdata. The data warehouse and data marketplaces as well as other applications of the central processing were modified not only for aforementioned reasons.

In the course of 2018 there was further development in this field based on concrete requirements, which were implementation of new approach to the statistical unit of business, which is based on the EU Framework regulation integrating business statistics (so-called **FRIBS**), backward recalculation of time



series because of a change of the base in short-term statistics in accord with the FRIBS (transition from 2010 to 2015 during the processing year 2018), implementation of quality control in accord with the ESS methodologies, and transition to a new data format for the data transferred to Eurostat in the SDMX format.

### Statistical Registers

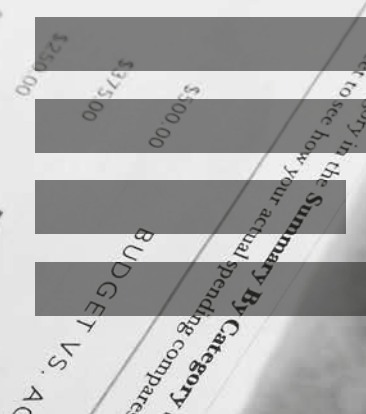
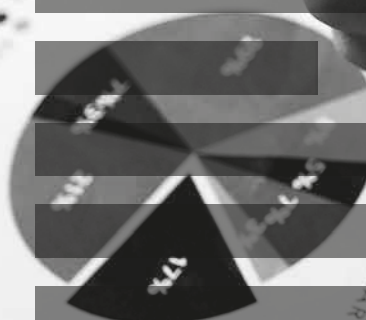
The Statistical Business Register (RES) and the **Register of Census Districts and Buildings** (RSO) are used to determine basic populations and samples of statistical surveys. In 2018 works continued on better quality content of groups of businesses in accordance with implementation of the ESS Vision 2020. The objective thereof is 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. Furthermore, 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 the 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 (FRIBS). In order to provide for **territorial preparations of the population and housing census** the analysis of the data content in the Register of Census Districts and Buildings was completed including the comparison to available administrative

data. In cooperation with the administrator of the Register of Territorial Identification, Addresses, and Real Estate works on solving inconsistencies in the localization of basic settlement units and measures were adopted to minimise such inconsistencies in the future.

### Administrative Business Register

The basic **Administrative Business Register** was operated in a routine regime for already the sixth year. In 2018 an agreement was concluded with the company of the ADASTRA, s. r. o. on providing services for the administration and development of the Administrative Business Register till the end of 2022. The replacement of respective hardware elements of infrastructure and communication elements because of the terminated support from their producers were launched. In cooperation with the National Registers Authority data copies from the ROS were adjusted in relation to the ROS reclamations launched and checks of the identification items setting of the eGON services used by the integrated agenda system of the ROS (IAIS ROS) were started. 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 **draft of the objective concept of 'Basic Registers 2.0'**. Works on implementation of steps included in the concept became. Information on legal and natural persons kept in the Statistical Business Register was regularly updated based on the data in the Administrative Business Register. ■

# STATISTICAL PROCESSING



ACTUAL SUMMARY

Print

Enter your budget for each category in the Summary By Category for actual spending compares

No.	Payment Date	Payment Due
0		
1	1/1/2013	
2	1/2/2013	
3	1/3/2013	
4	1/4/2013	
5	1/5/2013	\$ 3,650.45
6	1/6/2013	\$ 3,650.45
7	1/7/2013	\$ 3,650.45
8	1/8/2013	\$ 3,650.45
9	1/9/2013	\$ 3,650.45
10	1/10/2013	\$ 3,650.45
11	1/11/2013	\$ 3,650.45
12	1/12/2013	\$ 3,650.45
13	1/13/2013	\$ 3,650.45
14	1/14/2013	\$ 3,650.45
15	1/15/2013	\$ 3,650.45
16	1/16/2013	\$ 3,650.45
17	1/17/2013	\$ 3,650.45
18	1/18/2013	\$ 3,650.45

The reporting duty is defined in the Act No 89/1995 Sb on the State Statistical Service and in the Decree on the Programme of Statistical Surveys for the reference year. For 2018 the Decree on the Programme of Statistical Surveys for 2018 defined 90 statistical surveys. Respondents were able to fill in data into electronic forms, so-called intelligent PDF questionnaires, or by means of the Internet application of Dante Web. Out of the total number of 1.4 million of active economic entities recorded in the Statistical Business Register, there were over 139 thousand addressed as respondents of statistical surveys that means by 4 thousand less than in 2017. These were namely businesspersons, government institutions, or non-profit organisations.

The Programme of Statistical Surveys, which forms Annex 1 to the Decision on the Programme of Statistical Surveys for 2018, defined the reporting duty of respondents included in 90 statistical surveys carried out by the Czech Statistical Office. The respondents, asked to provide data, are obliged to fill in the data in time, complete, accurate, and truthful pursuant to the Act No 89/1995 Sb on State Statistical Service.

In order to be able to fill in the questionnaires the right way, the respondents had necessary information available not only on the questionnaire forms, yet also on the web page [www.vykazy.cz](http://www.vykazy.cz). At this web address one could find available answers to frequently asked questions, or a detailed overview of changes to questionnaires compared to those used in the previous year. At the aforementioned link there was continuously updated information in the 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.



The same way as in the recent five years, the respondents were informed on their reporting duty by means of the Communication on Reporting Duty to the Czech Statistical Office (hereinafter as the Communication). The Czech Statistical Office sent out the electronic version of the Communication to data boxes to over 75% of respondents. Over 24% of respondents, who do not have a data box, were notified by sending in a paper-based Communication by post. The Communication gives references to legal regulations and 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 with the data, and contact persons in case of inquiries.



PRODUCTION STATISTICS



In 2018, besides ensuring of standard outputs, the most important tasks of the Business Statistics Section comprised continuation of works related to preparation of the Framework Regulation Integrating Business Statistics (FRIBS) both as for the discussion on the draft regulation in the Working Party on Statistics of the Council of the EU and as for preparation for substantive requirements in individual statistical domains that will result from related regulations. Preparations for a specific approach to especially important reporting units started in order to increase data consistency. Within short-term business statistics in industry,



### **Industry, Construction, and Energy**

Within **statistics on industry**, analytical works related to statistics of industrial goods and services continued; besides further testing of extension of grossing-up methods, attention was paid to preparatory works on an analysis of the population and a sample and to a methodological definition of the content of the statistical report (questionnaire). Along with that, analytical works related to a change in an adjustment method of the time series of the industrial production index were underway.

Within **statistics on construction**, a modification to reporting was made in relation to a change in the Building Act. Statistics of housing construction was further enhanced via the public Register of Territorial Identification, Addresses, and Real Estate. Results of construction and housing construction statistics were intensively presented to the public. Especially a presentation at the Technology Forum on the occasion of opening of the FOR ARCH fair in a panel of key government members and representatives of important institutions enjoyed a great response.

In **energy statistics**, besides routine tasks, preparations to meet new requirements resulting from the regulation on energy statistics were underway. Primarily, it applied to disaggregation

of final consumption of fuels and energy in industry, reporting of more detailed data on consumption of fuels and energy while compiling PEFA energy accounts, refinement of national heating values of fuels and enhancement of data on consumption of fuels and energy in transport. Concurrently, it was necessary in 2018 to focus on the issue of imports and exports of crude oil and crude oil products. Analytical works relating to administrative data use also continued, namely of data of energy distributors. The up-to-now development and new challenges the energy statistics is facing nowadays have been also presented within the Smart Grids – Energy Days international conference, which took place at the CZSO in September 2018.

### **Trade, Transport, Services, and Tourism**

In the area of **statistics on trade, transport, and services**, works on implementation of new FRIBS requirements continued, especially of a monthly sales index in the wholesale trade and of the index of services production indicator. Further, an analysis of electronic data from cash desks of important retail chains was underway as well as preparation for implementation of the data to a routine processing. Works on the supply of data to the Public Database continued. An analysis of data from annual surveys after a change of grossing-ups due to an increase in the number of indicators

used from tax returns was made. Partial changes in the system of classification of units by principal (prevailing) activity were proposed. Preparatory works for standard data provision to Eurostat in the SMDX format and a pilot data transmission were carried out.

In the area of **tourism statistics**, within the Tourism Sample Survey, a paper form (its layout and a variety of types) was modified to correspond to a unified style of household surveys and to maximally suit interviewers. Web-scraping techniques to update entries in the Register of Accommodation Establishments were supplemented by other possible web sources. As for international activities, a meeting with the Statistical Office of the Slovak Republic took place, a workshop for Rosstat was organized in cooperation with the Ministry of Industry, and an international workshop on the Tourism Satellite Account (TSA), which was professionally led by the CZSO together with the Statistics Austria was carried out under the auspices of Eurostat and DG GROW. Cooperation with the Ministry for Regional Development (MRD) on the project for using of data of mobile operators continued as well as cooperation with CzechTourism (CzT) regarding inbound tourism survey. Regionalization of the TSA was completed and the methodology and results were discussed with the MRD and CzT.

In the **financial and insurance activities statistics**, a change from a 100% survey to a sample survey has been prepared for Pen 3c 04 survey; concurrently, preparations for further rationalisation of the reporting in the given statistical domain were made. Cooperation with the Czech National Bank in the area of data sharing continued.

### **Cross-sectional Business Statistics**

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** concurrently with processing of data for the 2017 reference year another important modification of grossing-up programmes was made as well as optimization of processing of big volumes of data followed by a data revision for the 2016 reference year. Within data processing for both the years, the scope of data used from administrative sources has largely extended. In relation to a continual effort to reduce administrative burden in the given statistical domain, discussions with the General Financial Directorate continued during 2018 as for making other data from annexes to income tax returns available. The CZSO in the role of a data supplier also participated in a joint project of the Ministry of Industry, the European Commission, and the World Bank aimed at elaboration of a strategy to support small and medium-sized enterprises after the year 2020.

In the area of processing of **inward foreign affiliates trade in services statistics**, thanks to optimization of the CZSO internal processes, the number of routinely checked units with an owner outside the CR increased.

In 2018, in **quarterly short-term business statistics** (P 3–04 statistical report (questionnaire)), based on an analysis made in 2017, measures to decrease the size of revisions were taken in relation to harmonisation of quarterly business statistics with annual structural business statistics. During



the year, preparations for rationalisation of quarterly business statistics reporting also took place.

In the area of **business cycle surveys**, the “Survey on survey” project continued in cooperation with the University of Economics to enhance predictive abilities of business cycle surveys.

### **Agriculture, Forestry, and the Environment**

In **agricultural statistics**, the Farm Structure Survey carried out in 2016 was completed. After Eurostat validated transmitted microdata, national methodological reports, and final technical and financial reports, the CZSO received the rest of the grant finances. Concurrently, preparation of a census started in 2018 according to the Regulation (EU) 2018/1091 of the European Parliament and of the Council on integrated farm statistics, which will be implemented in 2020. Results of the 2017 Orchards survey were transmitted to Eurostat; on the national level, a publication and a presentation were prepared from the Orchards survey. Within the EU agro-environmental statistics, in cooperation with the Central Institute for Supervising and Testing in Agriculture, data on consumption of pesticides were obtained and in collaboration with the Crop Research Institute, the balance of nitrogen and phosphorus was obtained. In relation to a change in the structure of the LPIS soil register of the Ministry of Agriculture, a new way to process data from the Register of the Ministry for the *Zemreg 1–99* statistical report (questionnaire) was made. Since questionnaires of crop production statistics changed from one year to another, grossing-up programmes have been completely modified for the statistics. On press conferences and professional workshops, results of the economic accounts for agriculture, harvest estimates,


and food consumption were presented. In the area of forestry statistics, the methodology was updated for the forestry account, which was reflected in the published data output.

In **environmental statistics**, in 2018, regular works were made to ensure data for reportings 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. Meetings of the CZSO internal working group on waste statistics were carried out. In the end of the year, the working group formulated requests for the Ministry of the Environment to be fulfilled so that administrative data can be used for an independent data reporting on wastes to the EU. An exhibition on the occasion of 25 years of existence of the environmental statistics was held.

In the area of sustainable development, the Agricultural, Forestry, and Environmental Statistics Department of the CZSO was fulfilling the priority task of the CZSO called Preparations of Monitoring Framework for the 2030 Agenda and CR 2030, Including Inter-Ministerial Coordination. There, in relation to the 2030 Agenda for Sustainable Development (maintained by the United Nations Statistics Department), monitoring and evaluation of duties resulting for national statistical systems from the future reporting of data on global sustainable development goal indicators continued. In relation to the Czech document Strategic Framework Czech Republic 2030, improvement of the set of indicators and preparations for a data transmission were carried out. ■



**MACROECONOMIC STATISTICS**



In macroeconomic statistics domain, many changes occurred in 2018; they were related mainly to ensuring of data sources for macroeconomic aggregates compilation. On one hand, changes were made in the area of data reporting that will lead soon to the reduction of administrative burden on respondents such as reduction of the reporting duty within Intrastat and quarterly reports of the CZSO or direct cancellations of selected quarterly reports. On the other hand, intensive activities to ensure new data sources mainly for price statistics (scanner data) were carried out. Further, intensive discussions on capture of new phenomena, consistency of statistics both on the national and international levels continued. Besides that, the CZSO continued

### **National Accounts Statistics**

In the national accounts statistics domain, routine works related to annual and quarterly national accounts compilation and to a preparation for the 2020 revision of national accounts were carried out. The main reason for the extraordinary revision of accounts is an ongoing verification of the gross national income compilation procedures by Eurostat. Works to update methodology of the gross national income calculation were underway throughout the year and will be carried out also in 2019. During the last quarter of 2018, also works on a new set of annual national accounts started that should take into account update data from October government deficit and debt notifications. The new output should substantially accelerate harmonisation of various data for the general government sector. Within developmental activities, works continued on reduction of terms for publication of quarterly GDP estimates and employment. The CZSO was active as for international cooperation; it was involved in Eurostat working groups, mainly in the domains of sector accounts, calculation of reinvested earnings on foreign direct investment, or works on household sector accounts.

to be intensively involved in international activities such as technical assistance and projects of Eurostat, the target of which is to further enhance quality of individual statistics. On the national level, in the macroeconomic statistics domain, the CZSO continued to intensively collaborate with the Czech National Bank (CNB) and the Ministry of Finance (MF).

### **Government and Financial Accounts**

In the domain of government and financial accounts statistics, besides routine activities, also a preparation for the 2020 extraordinary revision of national accounts was underway including capturing of the Excessive Deficit Procedure (EDP) in statistics. Works were also carried out on ensuring of an ad-hoc survey on non-residential buildings in the general government sector and on preparation of data from the survey for the needs of national accounts. Pension liabilities in terms of national accounts were published for the first time. In cooperation with the CNB, intensive negotiations continued to harmonize financial statistics of both institutes; harmonisation of balances of assets and liabilities has been finished; since 2019, works on harmonisation of transactions will be underway. In cooperation with the MF, a preparation for a change in capturing of foreign claims based on Eurostat recommendations was underway. The change will be implemented in the EDP statistics in March 2019. Also in 2018, Eurostat had no objections regarding data compiled by the CZSO on the general government sector balance and as to the debt of the general government sector.



65.32

-12.14

55.01

11.08

47.58

85.12

4

5

SIA BANK



## Price Statistics

In 2018, besides a routine production of price indices, a revision of the price index of construction works calculation was the most important task of the price statistics. In the area of the consumer price index (CPI) production, a complete update of the weighting scheme was finished down to the lowest level of the hierarchical structure. The quality of the base for calculation of the harmonized index of consumer prices was thus also enhanced. In 2018, pilot taking over of electronic data from cash desks of further retail chains continued as well as their detailed analysis. Scanner data collection was incorporated in the Decree on the Programme of Statistical Surveys and, based on that, progress in negotiations with the biggest food retail chains has been achieved. Concurrently, a methodology was determined for gradual inclusion of scanner data in a routine CPI production based on existing European standards since 2019. In the area of international statistical cooperation, a key task was to meet requirements of a purchasing power parities project, which was underway within the Purchasing Power Parities 2017–2018 grant of Eurostat.

## External Trade Statistics

In the external trade statistics, involvement in European

modernization projects continued. The process of making comments to the FRIBS framework regulation in the area of SIMSTAT and statistics of trade in services was underway. Discussions on the content of the relevant implementing regulations continued. In cooperation with the General Directorate of Customs, an amendment to a government decree on implementation of some provisions of the Customs Act in the domain of statistics has been prepared with an increase of exemption thresholds in Intrastat to CZK 12 million. In the domain of exports and imports of services statistics, activities focused mainly on implementation of an updated nomenclature of services and on updating of the population of respondents; it resulted in better output data quality as well as in a reduction of the 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 and in accordance with the FRIBS regulation has been worked on. Engagement in working groups of Eurostat and the OECD has continued. Within the “Consultations to Present Potential Survey Models for Services Statistics” project, a joint technical assistance mission of the CZSO and the CNB to Moldavia was carried out. ■



**DEMOGRAPHY AND SOCIAL STATISTICS**



In 2018 the CZSO processed and published all the planned outcomes of the demographic statistics in time. Data for the ad hoc module on reconciliation between work and family life were collected in the field and the ad hoc module for 2019 on work organisation and working time arrangements was under preparation. In the social statistics the Office carried out the every year survey of the SILC and the Household Budget Statistics. The System of Health Accounts (SHA) and Satellite Accounts for Culture of the Czech Republic were compiled 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

### **Demography Statistics**

V In 2018 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 ‘Domestic Migration in the Czech Republic in 2005 to 2017’ and the publication of ‘Life Tables in Time Series’, which contains a retrospective overview of life tables processed by unified methodology newly employed by the CZSO since 2018, both for data for the Czech Republic and for lower territorial units. Furthermore, a new ‘Projection of the Czech Republic Population till 2100’ was developed. There was a press conference held at the occasion of its publishing. The middle alternative of the projection served as a base for the ‘Report on Expected Trends in Deaths’, Fertility, and Migration in the Czech Republic’, which was worked out in accordance with Section 10 b of the Act No 582/1991 Sb on organisation and carrying out of social security as amended,

statistically cover these two fields. The Office managed to provide for implementation of a new sample survey of Persons with Disabilities. In the field of the 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.

and data outcomes for needs of the following ‘Report on the Pension System of the Czech Republic’ and its assumed development taking into account the demographic conditions of the Czech Republic and expected population and economic trends, development of which the same act requires from the Ministry of Labour and Social Affairs, and then outcomes tailored to requirements of the Czech Fiscal Council.

All requirements of Eurostat for data providing, which are 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. A number of non-standard outcomes of the demographic statistics, including microdata for scientific purposes, were prepared and delivered in accord with requirements of users.

In the course of 2018 representatives of the CZSO participated in meetings of the Eurostat Task Force on population projections, population statistics, and statistics of deaths by cause. In the end of the year 2018 a representative of the demographic statistics participated in negotiations of the Task Force on the Future EU Censuses of Population and Housing/on the European Statistics on Population, a major task of which was preparations of new unified European legislation for the population statistics.

### **Labour Market and Equal Opportunity**

In the labour and equal opportunity statistics activities in 2018 were focused, first of all, to continuing of the transition to more advanced technology tools and using advantages of the upgraded statistical meta-information system. Results of the earnings statistics and their distribution were presented at a press conference held in June 2018. In 2018, within the Labour Force Sample Survey (LFSS) a special ad hoc module of self-employment was completed and results were transmitted to Eurostat, including the appropriate quality report. Data were collected in the field for the ad hoc module of work and family life harmonisation. Preparations were carried out for supplementary questions within the LFSS for 2019 on themes related to work organisation and working time arrangements. Several analytical papers and press releases were published. In cooperation with the Ministry of the Interior

and the 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. There was also a press conference held on aliens working in the Czech Republic. There was also an extraordinary publication 'Seniors and Health 2018' published in the electronic format.

### **Social Statistics**

In the social surveys in households the regular, every year survey of Live Conditions, the national version of the pan-European survey EU SILC was carried out. In 2018 the survey encompassed an international module with questions focused on wellbeing. In 2018 the Household Budget Survey was performed in the new model based on probability sampling of reporting households for the second year and integrated into the thematically related survey of Living Conditions.

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 2018 there were data successfully collected and validated for the entirely new Sample Survey on Persons with Disabilities (VŠPO 2018), objective of which is to provide for required



indicators determined in the Resolution of the Government of the Czech Republic No 385 of 25 May 2015 on the National Plan of Support for Equal Opportunity for Persons with Disabilities for 2015–2020.

### **Science, Research and Innovations, ICT**

In a similar way as in the previous years, detailed data on the state and trends in science, research and innovations in the Czech Republic were collected by means of the Office own surveys, which were either exhaustive and/or 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, preparations of the European survey Technology Innovation 2018 in businesses, which take into account methodological recommendations of the international Oslo Manual 2018, were carried out.

Based on available administrative data and in accord with appropriate valid EU regulation, the Office developed detailed statistical information on direct and indirect (by means of taxation) public support to research and development, which the professional public in the Czech Republic as well as abroad (OECD, Eurostat) was provided with and were presented to it.

Furthermore, statistics in the fields of qualified human resources, patents, and licences 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 several independent CZSO press conferences. 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 data of the official statistics. ■



**REGIONAL OFFICES OF THE CZSO**

The core of activities of fourteen Regional Offices of the CZSO lies in acquiring of data and their processing, ongoing updating and administration of statistical registers, providing and publishing of statistical information. Key tasks of the CZSO include also processing of election results, in which Regional Offices of the CZSO largely participated. The number of job positions in Regional Offices reached in 2018 the amount of 742.5 of the total number of 1 408 job positions in the CZSO including new positions for the 2021 Population and Housing Census project.

### 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 (natural persons). In 2018, 312 job positions belonged to Field Survey Units of Regional Offices. All surveys carried out every year were covered by European regulations and some of them were co-financed by the EU.

### Sample Surveys in Households

The system of surveys among households is currently based on two pillars (as for random sampling of dwellings from the Register of Census Districts and Buildings).

The Labour Force Sample Survey (LFSS) is the first key pillar. It provides fundamental information about the character of employment and unemployment of the population including an ad hoc module for the year 2018 with the topic of reconciliation between work and family life. The LFSS is carried out every year with the system of five visits to each sampled dwelling for the period of five quarters and the total number of visits is about 135.5 thousand a year.

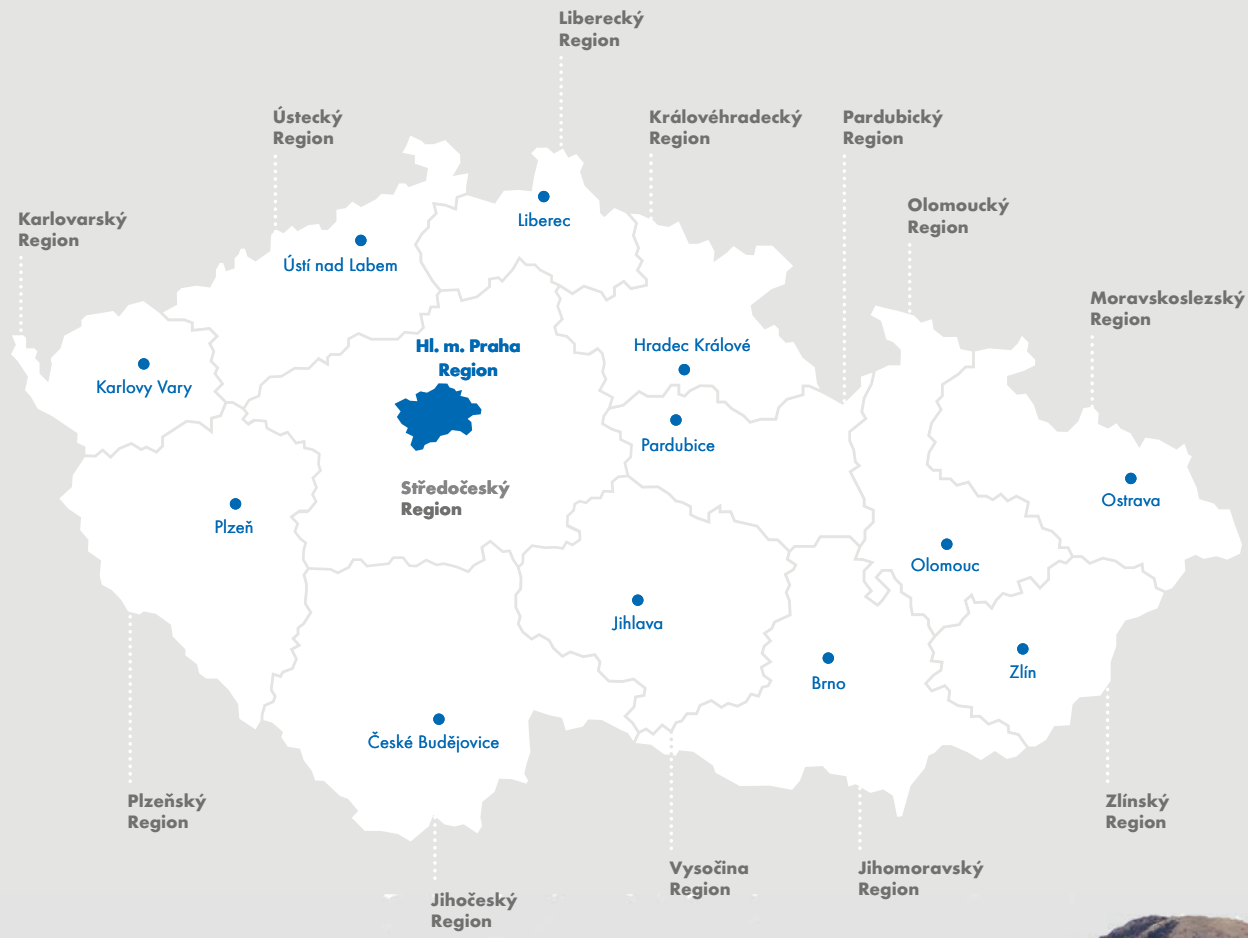
Within the LFSS sample, 6 780 households are asked to participate in the Tourism Sample Survey, which surveys trips of members of the households throughout the year.

Sample Survey on ICT Use in Households and by Individuals, which surveys detailed information about the equipment by, an access to, and the way of utilization of information and communication technologies by households and by individuals, has a similar sample size. 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.

The Living Conditions (EU-SILC) survey, 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, is the second key pillar. Within the survey, 11.6 thousand households are contacted; they are surveyed in cooperation with external interviewers. In its variable module, the topic of “well-being” was surveyed, i.e. subjective satisfaction with various life domains.

During the entire year 2018, the following data were acquired within household budget statistics: data about 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. In total, 3 116 households were contacted; 759 of them were providing data already in 2017.







Based on the government decree, an ad hoc Sample Survey of Persons with Disabilities was carried out. The CZSO is responsible for the project and it carries out the survey in cooperation with the Institute of Health Information and Statistics of the CR. Within the survey, 9.2 thousand persons with a disability, selected in advance, were contacted. The survey focused on information about areas and causes of disabilities, consequences for an independent life, need for help, and aids and possibilities to get involved in civil and social life.

### **Consumer Prices Statistics**

Field Survey Units of Regional Offices of the CZSO carried out also year-round surveys of price statistics. In the consumer price statistics in 2018, control activities focusing on data quality largely strengthened. In the area of data processing, the first key changes related to the fulfilment of a priority task of scanner data collection from retail chains and their utilisation were made.

### **Agricultural Statistics**

For the agricultural statistics, Field Survey Units of Regional Offices of the CZSO ensured data from reporting units (natural persons) via twelve types of agricultural statistical reports (questionnaires). Besides routine processing of tasks, attention was paid in 2018 mainly to updating and administration

of the Farm Register. By the *Zemreg 1-99* questionnaire, information about almost 2 thousand entities was checked and supplemented before it was entered in the Register; also hundreds of entities being removed from the Register have been contacted.

### **Statistical Processing**

In the year 2018, statistical processing in individual CZSO Regional Offices was under way without major issues, according to the schedules, and with output data of very good quality. In 2018, according to the schedule of processing of statistical tasks, 139 432 Announcements about the reporting duty were distributed as well as 21 259 Supplements to Announcements about the reporting duty. 122 135 Announcements about the reporting duty were distributed via Data Boxes and 38 556 were printed and sent by mail to respondents without a Data Box. 606 394 statistical reports were processed during the processing year, of which 59.42% were delivered to the CZSO electronically (the above-mentioned data are as at 15 January 2019).

High response rate was successfully kept (some Regional Offices reported even 2% up compared to the year 2017) despite the fact that in relation to the Regulation (EU) 2016/679 of the European Parliament and of the Council (General Data Protection Regulation; GDPR) the CZSO was



forced to persuade respondents much more about the necessity to submit statistical reports. The return rate of reports via DANTE WEB electronic form has slightly increased again, too (by 4%).

Most of the placed suggestions for improvements of applications important for input processing of statistical reports such as DANTE, DANTE WEB, and EVID, which resulted in quality enhancement and facilitation of work with data sets both for respondents and internal users at the CZSO, were implemented according to requirements of Regional Offices. A change made to the EVID application that enables to send bulk e-mail reminders saved much time. The response rate also increased thanks to that modification.

In 2018, the CZSO continued at all tasks with promotion of the DANTE WEB application, not only by distributing promotion leaflets together with statistical forms, but, most of all, by promotion of electronic reporting in individual communication with respondents. Therefore, the share of DANTE WEB application usage further continued to grow.

Besides regular statistical processing, at the CZSO Regional Office in *Brno*, an ad hoc survey was carried out in 2018 called Buildings 1-99, in which selected 8 225 institutional units classified to the general government sector were respondents. Non-residential buildings and selected residential buildings in the ownership of the institutions were surveyed.

### **Information Services**

Information Services Units of the CZSO Regional Offices provided up-to-date outputs, answered queries of customers, and provided methodological consultations for processing of various programming documents. Besides that, Regional Offices continued to develop partnerships with regional organisations and educational institutions in the form of close cooperation, lectures, and visits to statistical workplaces

or directly via internships of students at Regional Offices. 27 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 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 2018. 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 third quarter, all Regional Offices released an analytical publication on Basic tendencies of development in the Region (Czech only), which compiled available statistical data from various domains in one publication. Besides the already mentioned publications, some Regional Offices published other outputs, such as “First Hand Figures Prague” (including an English version), Population of the *Plzeňský* Region (Czech only), Population Change in Municipalities of the *Jihočeský* Region (Czech only), Municipalities of the *Plzeňský* Region (Czech only), Municipalities of the *Liberecký* Region (Czech only), Municipalities of the *Královéhradecký* Region (both in Czech and English version), Statistical Guide to Municipalities of the *Jihočeský* Region (Czech only). Publications on age distribution and population and vital statistics in 2017 were issued for the *Jihočeský* Region, the *Jihomoravský* Region, and the *Zlínský* Region (all Czech only). The Regional Office of the CZSO in *Pardubice* issued monthly “Infolists” for their users, the Regional Office of the CZSO in *Zlín* prepared regularly quarterly reports for the regional authority. 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 also in 2018 in the 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 booklet was issued called "Our Region Crosses the Borders, EURES TriRegio – Labour Market and Vocational Training Market in Brief" (not in English). The Regional Office supplied selected indicators, controlled, and revised the entire booklet as for the Czech data part. 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 cooperate within the *EUREX Statistika* working group also in 2018. Together with their colleagues from Germany and Poland they prepared data sets "Basic data on the *Neisse-Nisa-Nysa* Euroregion 2017" and "Prices and Income in the *Neisse-Nisa-Nysa* Euroregion 2018". A publication about a 25-year long history of the cross-border grouping "*Neisse-Nisa-Nysa* Euroregion – 2016" was published on the Internet.

A long-term cooperation of Regional Offices of the CZSO in *Olomouc* and in *Ostrava* with the Statistical Office in *Opole* (Poland) resulted in an invitation to a workshop to celebrate the 100th anniversary of the Polish Statistical Office, which took place on 11 June in *Opole*. Representatives from Regional Offices participated in the workshop; there was also a contribution on history and results of mutual cooperation on the workshop.

Regional Offices of the CZSO 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, a release of the already ninth newsletter, and preparation of an electronic publication "*Centrope in Figures*".

The Regional Office of the CZSO in *Plzeň* followed its previous participation in the cross-border cooperation project within the Upper Pfalz – the *Plzeňský* Region partnership forum. During the summer, the Regional Office of the CZSO in *Plzeň* welcomed a study visit from the Statistical Office of Serbia, during which data about the *Plzeňský* Region were presented.

### **Financial Performance of Regional Offices of the CZSO**

Budget resources management at Regional Offices of the CZSO is permanently paid attention to and it is monitored as for how the 3E principles of efficiency, economy, and effectiveness are observed. Expenditure of Regional Offices of the CZSO has stabilised and some year-on-year fluctuations in drawing of the material expenditure budget, as the case may be, as well as e.g. of other personnel expenses, were caused mainly by methodological changes, which were implemented in selected field surveys. Potential for savings of financial sources is diminishing every year, among others, also due to gradual increasing of mandatory expenditure. For example, in the item of domestic travelling expenses, an increase of expenses occurred again compared to the previous year. It was caused mainly by an increase in rates of per diems and other travel costs.

Workload of employees of Regional Offices of the CZSO according to data of a capacity model, processed e.g. for the area of field surveys, was very high in 2018. Regional Offices as an executive part of the CZSO fulfilled their tasks in a responsible and efficient way and with good quality. ■

A man in a white shirt is shown from the back, scratching his head with his right hand. The background is a light gray color with several large, white, stylized question marks scattered throughout. On the left side of the image, there are several horizontal bars of varying lengths, some in dark gray and one in blue. The blue bar contains the text "ELECTION STATISTICS".

**ELECTION STATISTICS**

In 2018, the CZSO ensured processing of the most demanding type of elections – elections to local councils, councils of city sections and city districts, and Prague City Assembly carried out, moreover, concurrently with elections to one third of the Senate of the Parliament of the CR. In January, historically the second direct election of the President of the Czech Republic was held in two rounds. The CZSO also processed four extraordinary elections. In January and March, new elections to local councils were held; in January and May, two-round by-elections to the Senate of the Parliament of the CR were held. The CZSO paid attention also to election legislation – both to proposals for necessary modifications

Right at the beginning of 2018, the CZSO had an important task to process results of historically the second direct election of the President of the CR, which was announced to be held on 12 and 13 January 2018; the second round took place 14 days later. A task of the CZSO was to take over voting results at over 420 points of handover (collection points) from about 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](http://www.volby.cz). Concurrently with the first round of the election of the President of the CR also the second round of the by-election to the Senate in the election district No 39 was held. There was a legal duty to use a single official envelope for both types of the elections held together, on which the CZSO reacted in short instruction spots explaining methodological difficulties resulting therefrom. Subsequently, it cooperated with the Ministry of the Interior on drafts aimed at amending of not only this part of the legislation.

The most demanding task both in terms of organisation and methodology in 2018 was to prepare and carry out autumn

to election acts and decrees, as well as to comments within interdepartmental commentary procedures. The CZSO was also maximally helpful to regional courts when they were assessing applications to court reacting against results of autumn local council elections and it processed requested verification calculations of results according to assigned parameters.

elections to local councils, councils of city sections and city districts, and also to the Prague City Assembly, which were held on 5 and 6 October 2018 concurrently with the elections to a third of the Senate of the Parliament of the CR. Already during the preparation of the elections, at founding of a register of candidates, the CZSO cooperated with over 600 registration offices and it had to capture data on more than 216 thousand candidates in a very short time. Afterwards, the CZSO provided the captured data for further adjustments for ballot papers preparation. Besides all the time enhancing security measures, the CZSO focused on further quality improvement of trainings for ward election committees, for which it prepared newly elaborated “Guidelines for procedures of ward election committees” and also a well-arranged presentation with examples of ballot papers evaluation. After the elections, the CZSO was maximally helpful to regional courts when ensuring verification calculations of election results based on requests and parameters supplied by courts.

The CZSO also processed results of all elections announced to be held in extraordinary terms. In January and March, new elections to local councils were held in five municipalities,





in January and May two-round by-elections to the Senate of the Parliament of the CR were carried out first in the election district No 39 in the town of *Trutnov* after the mandate of senator *Hlavatý* ceased to exist and then in the election district No 78 in the city of *Zlín* after senator *Čuba* resigned. The CZSO processed results of all the elections flawlessly and handed them over to the State Electoral Committee for its approval and to be published in the Collection of Laws of the CR.

Following a request of the State Electoral Committee, the CZSO elaborated an overview of suggestions for modifications to election legislation. For the Ministry of the Interior it elaborated, among others, an analysis of impacts of a different calculation of seats allocation on results of elections to local councils. In interdepartmental commentary procedures, the CZSO monitored election legislation on an ongoing basis and submitted its proposals for necessary modifications thereto. Representatives of the CZSO received the Ambassador of Mexico and presented to her the system how the CZSO processes election results while focusing on transparency. As for exchange of experience, the CZSO participated in international conferences and meetings focusing on sharing of best practices in the area of election cyber security. ■



**POPULATION AND HOUSING CENSUS**

In 2018 the crucial cornerstone in the process of preparations of the 2021 Population and Housing Census was the adoption of the white paper on the census. The approved white paper was followed by preparations of the bill on the census structured into sections and related documents. Works on the analysis of administrative data, which form a crucial fundamental data source for the forthcoming census, continued. Architecture of basic functional elements and processes for the census implementation was created and the project structure for management and implementation of such a huge project, which the census is, was established.

In 2018 works on the population and housing census concentrated on the submission of the white paper of the bill on the census. The Government of the Czech Republic approved the white paper in June 2018. In the second half of 2018 the approved white paper of the bill was followed by preparations of the bill structured into sections and related documents. A form containing architecture of basic functional elements and processes for the census implementation was developed and submitted to the Department of the eGovernment Chief Architect, Ministry of the Interior.

Works on assignments of procedures for taking-over, checking, and consolidation of administrative data sources for the census and on a concept of the agenda information system for the storage and primary processing of the census data, continued.

The concept of territorial preparations, including their organisational, logistic, and personnel back-up, as well as a design of a software application for the territorial preparations support were completed. Regional census units, which shall be responsible for the territorial preparations and subsequently for the census itself in respective territorial sectors covering the territory of the respective region, were established in the fourth quarter of 2018.



Within the Czech Statistical Office there was established a project structure for preparations of the census. Respective task forces focused on legislative preparations, territorial preparations, data collection, design of electronic and paper-based forms, dissemination of the census results, and communication of the census to the professional as well as lay public launched their activities. ■



**PRODUCTS AND SERVICES**



**Publishing of data in an open data format has largely spread out. User testing is used for both – the CZSO websites and the Public Database – to make them more user-friendly and function better.**



### **CZSO Websites**

The web presentation of the Czech Statistical Office at [www.czso.cz](http://www.czso.cz) is a key source of statistical information for all users. In 2018, individual elements of an editorial system were further modified and enhanced depending on ongoing feedbacks from the website users. For example, the editorial system for administration of the web presentation at [www.czso.cz](http://www.czso.cz) has been modified so that it fully complies with the Regulation (EU) 2016/679 of the European Parliament and of the Council on the protection of natural persons with regard to the processing of personal data. A functionality replacing the Flash Player programme has been implemented, because web browsers will not support Flash Player any more. Preparations for and implementation of a new website [www.stoletistatistiky.cz](http://www.stoletistatistiky.cz) to be launched in January 2019 on the occasion of the 100th anniversary of official statistics in the CR were underway in 2018. In October 2018, already the 4th Mini-Census started. It is a project focusing on pupils and students of basic schools and lower grades of multi-year grammar schools, the objective of which is to make children familiar with statistics by way of edutainment.

In the end of 2018, the first part of user testing of the Catalogue of Products was carried out. The testing consists of several parts; it verifies how intuitive setting of individual filters is and it focuses on an overall user-friendliness. The aim is to conform the Catalogue of Products to the needs

of users by making its functionalities more effective while supporting changes in placement of its individual control elements.

In 2018, the CZSO website bounce rate slowly increased compared to the year 2017. The homepage was viewed 9.91 million times; 1.61 million visitors (users) proceeded to other pages and it recorded 3.22 million visits. An average visitor browsed through three pages per visit and the visit lasted almost three minutes.

The following were the most visited pages in 2018: Elections 2018; Data Collection; Questionnaire on-line filling (Dante Web) – Czech only; Population; Inflation, Consumer Prices; Classification of Economic Activities (CZ-NACE) – Czech only; Classification of Occupations (CZ ISCO); Vacancies (Czech only). To access the [www.czso.cz](http://www.czso.cz) website, users use the most frequently a PC (75.5% users), a mobile phone (21.3% users), and 3.2% of users viewed the website on a tablet. It is also worth mentioning that besides visitors from the Czech Republic the CZSO website is relatively often browsed by visitors from the United States of America (49 thousand users per year), India (30 thousand), and Germany (20 thousand).

### **Public Database**

The Public Database (VDB) has become the main source of statistical data for data sets in an open format; it is also



a key source of statistical data for all domains. Data are offered in the form of interactive tables or animated charts on websites of the CZSO. During 2018, 24.4 million new pieces of data were stored in the VDB; in the end of the year, the Database thus contained 520 million of updated statistical data.

75 new distributions of data sets with statistical data have been generated – they were new data sets and also new distributions of the already existing data sets due to additions of new data to time series. Utilization of suggestions arising from the VDB user testing resulted in an increase of user comfort of the presentation application. Also the way of presentation of revised data changed and protection of confidential and sensitive data for internal users has been strengthened.

323 thousand users visited the VDB in 2018; compared to the year 2017, it was a 9.3% increase. 157 thousand users were interested in the VDB. In average, visitors browsed through 8.7 pages per visit; the number of viewed pages thus reached 2.8 million in 2018. Compared to the year 2017, mobile technologies usage for view of data increased (mobile phones by 47% and tablets by 21%). Users were more interested in pages with profiles of territories, where the bounce rate grew by 13%, year-on-year; they were also interested in pages offering compiling of own tables (+15%). In 2018, users were interested the most in data on the population change; they were also interested very much in employment statistics, consumer price index, and capacities of collective accommodation establishments.



## Publication Activities

Preparation of publication outputs is an integral part of statistical activities. Every year, a Catalogue of Products is compiled, which comprises an overview of all products of the CZSO planned to be published. The Catalogue of Products is available to users on the CZSO website. It can be searched through in many ways – users may filter products by various criteria, e.g. area type, product type, group, publication date, etc. Products are primarily published on the website, where they are available for free.

In the end of the year 2018, the Catalogue of Products contained 527 items in total; for example, 74 printed titles, 21 types of news releases, many data sets, analyses, and time series. In total, 1 065 outputs were published in 2018; most of them were from the area of prices (284), regional statistics (91), and construction (74). Again, one of the most requested outputs was the Statistical Yearbook of the Czech Republic followed by the Czech Republic in Figures brochure, the Small Lexicon of Municipalities, and the Demographic Yearbook of the Czech Republic.

16 new readers were registered in the Central Statistical Library. It had 2 116 registered readers in the end of 2018. During the year, 720 persons attended the Library; they borrowed 2 382 publications, mostly for reference only.

## Services Provided

The CZSO information services workplaces dealt with over 10.3 thousand queries in 2018, which is by 1.8 thousand less compared to 2017. The decreasing number of queries has been

affected over a long period of time by the fact that more and more CZSO products have been published for free on the CZSO website and that familiarity of users with the web is constantly improving. Sales (revenues) for products and services reached almost CZK 2.7 million. The highest income items comprised: sale of the Statistical Business Register (49.0%), data provided for scientific purposes (26.9%), processing of requests for non-standard outputs – i.e. providing of non-standard tailor-made services (15.2%), and outputs from the Register of Census Districts and Buildings (5.4%).

The CZSO has been part of an international network of national contact centres called European Statistical Data Support for already the fifteenth year. The CZSO employees answered 164 requests for European data in 2018.

## Poster Competition (within the International Statistical Literacy Project, ISLP)

Over a long period of time, the CZSO has been implementing activities to increase statistical literacy of the population. In 2018, already the 5th ISLP Poster Competition was carried out, which is organised by the CZSO in cooperation with the University of Economy, Prague. In 2017, a website has been designed for the contest at [www.czso.cz/stat\\_gramotnost](http://www.czso.cz/stat_gramotnost) with references to previous contests. Contest evaluation of the national round was in February 2019. 265 teams from 37 schools participated in the contest in total. Winners of the international round of the contest will be announced at the 62nd World Statistics Congress of the International Statistical Institute in Kuala Lumpur, Malaysia. ■



**EXTERNAL COMMUNICATION**

In 2018 the Czech Statistical Office in an active manner continued in providing the public with statistical information and in raising of 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

The Office held in total 19 press conferences in Headquarters in Prague; besides them, there were two press conferences held at the Regional Administration in Plzeň and one conference at the Regional Administration in Hradec Králové. All press conferences held in Prague were 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 128 press releases, by 21 more than in 2017, which were supplemented with podcasts (sound recordings) of respective respondent statements. The Office used press communications to draw attention of media to currently issued news releases.

In 2018 the Office dealt with over 1 400 direct queries from media. The monitoring of Newton Media indicates that in the period from 1 January to 31 December 2018 there were almost 46 600 outcomes in media, which is by 12 100 more than in 2017. Articles and reportages came from 886 sources and from 6 297 authors.

In 2018 the majority of communicates (59.0%) was published on the Internet, 31.9% were issued in printed press, 4.8% were broadcast by TV channels, and 4.3% were broadcast by radio stations. The results may, however, be affected by the method of the Newton Media monitoring, which in the overview for

the Czech Statistical Office, generate neither outcomes from the stream broadcast of certain radio stations, nor outcomes from press agencies or social networks.

In 2018 there were 4 057 citations of 140 CZSO employees registered in the media monitored. The most often cited person was Ing Marek Rojíček, Ph.D., President of the Czech Statistical Office with 678 citations. The daily overview of media outcomes was distributed to the CZSO employees by means of the intranet.

In 2018 the Czech Statistical Office continued in its active presence on social networks. In 2018 there were 646 contributions, excluding retweets published on the CZSO official account on Twitter – @statistickyurad. It was by almost one half more than in 2017. The Office also published on this social network interestingly made pieces of infographic developed on occasions of important days or anniversaries. The Office Twitter account was followed by over 14 100 users, by about 2 400 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 or press communications, the Office prepared



also audiovisual recordings for media and published them on YouTube, for the presidential elections and for elections to municipal councils.

#### **Journals of the Czech Statistical Office**

In 2018 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 March 2018, the journal of Statistika&My acquired an entirely new layout. Not solely the title page yet the overall concept thereof were changed. Now the journal brings more airy and dynamic layout of texts, graphs and tables. The journal website records a continuous increase in visitors every year. In 2018 the website visitor rate increased by 13% compared to that in 2017. The journal of Statistika&My reaches beyond limits of a common professional corporate periodicals and makes one of the important instruments of the CZSO marketing and communication strategy.

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. In 2018



the journal maintained its content structure 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. In the year of the 100th anniversary of the establishing of the Czechoslovak Republic the third number of the 60th volume focused in a series of papers on the population trend on the territory of Czechoslovakia.

In 2018 the reviewed professional journal of *Statistika: Statistics and Economy Journal*, which has been published by the CZSO since 1964 (since 2011 in the English version only) was issued regularly as a quarterly and as an open access source. The journal is indexed in the international citation database of reviewed professional literature Scopus and the value of its citation indices increased in an important manner compared to those in 2017. The journal joined the new database of professional journals of Pablikado and still remains a part of the Emerging Sources Citation Index Web of Science (ESCI Thomson Reuters) and others, as DOAJ, EBSCO, EconLit, ProQuest, for instance.

### **Increasing of Statistical Literacy**

In 2018, as every year, the CZSO participated in an active manner in celebrating of the European Statistics Day 2018 on 20 October. The Office arranged a press conference where most popular names of children born in January 2018 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. Other event was the MiniCensus (Minisčítání), which is an education project for pupils and students aged from 9 to 15 years in an entertaining form. There were 386 basic schools and multiple-year grammar schools with 26 000 children participating in the MiniCensus 2018. In the CZSO Headquarters there was an exhibition dedicated to the 25-year tradition of the environmental statistics in the Czech Republic. At the CZSO Twitter account (@statistickyurad) the Office presented pieces of infographic on child names and on comparing the Czech Republic to other Members States of the European Union. At the CZSO website the Office released an updated digital publication of Eurostat, which portrays life of women and men in the European Union in the Czech language.

### **Direct Presentation of Outcomes**

In 2018 there were several exhibitions arranged in the public accessible rooms of the CZSO Headquarters in Prague. A great success received the already traditional exhibition of the winners of the photographic contest My&Statistika, then the exhibition of photographs of Jiří Růžička, and the exhibition of 25 Years of the Environmental Statistics. ■



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**INTERNATIONAL COOPERATION**

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The CZSO is part of the European Statistical System (ESS) and participates in activities of statistical bodies of the United Nations (UN), the Organisation for Economic Co-operation and Development (OECD), and other international organizations; it also collaborates with national statistical institutes (NSIs) of other countries.



### **European Union**

Within bodies of the European Union, the CZSO was involved in activities on the level of the Council of the EU and of the European Commission / Eurostat.

In the Working Party on Statistics of the Council of the EU, representatives of the CZSO were engaged in preparation of legal regulations of the EU, mainly in the following domains: agricultural statistics, social statistics, business statistics, and national accounts. Together with other departments of the state administration, the CZSO was involved in preparation of a regulation establishing the Programme for single market, competitiveness of enterprises and European statistics and also in work of the Sub-Committee on Statistics of the Economic and Financial Committee of the Council of the EU. During regular meetings called by Eurostat in the form of working groups, task forces, or committees, a preparation and status of implementation of legal regulations, methodological issues, and other activities within the ESS framework were discussed. Within cooperation of the ESS with the European System of Central Banks, several meetings of joint expert bodies took place during the year; an annual meeting of heads of both the systems ensuring production of European statistics was held in December 2018.

The CZSO President represented the Czech Republic on regular meetings of the European Statistical System Committee, work meetings of heads of NSIs of the EU, and an annual Conference of the Directors General of the National Statistical Institutes, which took place in Bucharest and was focused on Big Data and trusted smart statistics. In June 2018, representatives of the CZSO participated also in the European Conference on Quality in Official Statistics in Krakow (Poland). Involvement of the CZSO in projects financially supported by grants of the EU (e.g. in the area of agriculture, price statistics, national accounts, labour statistics, ICT use, and business cycle survey statistics) and participation of experts of the CZSO in training courses (mostly within the European Statistical Training Programme – ESTP) and in other conferences and seminars continued.

### **Other International Organizations**

Within statistical activities of the UN, the following were the most important events of 2018: a session of the UN Statistical Commission in New York, where data and indicators for the 2030 Agenda for Sustainable Development were the key topic, and, the second one, the UN World Data Forum, where experts from over 100 countries discussed ways to improve and better use data to support sustainable development goals.



A session of the Conference of European Statisticians of the UN Economic Commission for Europe, which took place in Geneva in June and in which the CZSO President participated on behalf of the CR, was devoted mainly to two topics: to new statistical domains and problems related to their measuring and to modern forms of communication strategies in official statistics and their task when building trust in official statistics. Within that institution, experts from the CZSO participated during the year in expert meetings as to the following domains: national accounts, Population and Housing Census, climate change statistics, and dissemination and communication of statistical data.

Within the OECD, representatives of the CZSO participated in work of professional statistical bodies, e.g. in the domain of migration statistics, science and technology, digital economy, national accounts, and external trade. An annual session of the Committee for Statistics and Statistical Policy, in which also the CZSO President participated, had the following topics on its agenda: measuring of globalisation, influence of digitisation on activities of NSIs, implementation of an OECD instrument – recommendation on good statistical practices, and measurement of new forms of employment. In the end of November, the CZSO President participated in the 6th OECD World Forum on Statistics, Knowledge and Policy in South Korea.



### **Technical Assistance**

In 2018, 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 in that respect, within two smaller projects financed from funds of the EU, followed a long-term cooperation with the statistical office of the former Yugoslav Republic of Macedonia (North Macedonia), namely in the area of national accounts and government and financial accounts. In 2018, under the auspices of these projects, three expert missions to Skopje and one study visit in Prague took place; three more events are planned for 2019. Within TA, the following four study visits were paid in the CZSO: a study visit of experts from Montenegro concerning price statistics, a study visit from Serbia as to national accounts, a study visit from Albania regarding estimates of non-observed economy (all of the three aforementioned activities were financed from funds of the EU), and a study visit from the statistical office of Kyrgyzstan focusing on the national accounts domain (financed by the World Bank). Of no lesser importance were also missions of experts from the CZSO abroad, i.e. a mission to Albania, which followed the preceding study visit in the CZSO as to the issue of estimates of non-observed economy, a pro bono

mission in the domain of services statistics for the National Bank of Moldova (under the auspices of an American non-profit organisation – Financial Services Volunteer Corps), and co-organizing of an international workshop of Eurostat on tourism statistics in Luxembourg.

### **Bilateral and Multilateral Cooperation**

Within a traditional bilateral cooperation with the Statistical Office of the Slovak Republic, many working consultations took place on both the top and expert levels. The meetings were focused on the issues of social statistics, household surveys, estimates of reinvested earnings, tourism statistics, and consultations in the area of external communication. A long-term cross-border cooperation with colleagues from Germany and Poland focusing mainly on common presentation of statistical data on the respective regions also continued. In the end of the year, a workshop on the issue of external trade statistics took place, in which colleagues from Hungary, Austria, Slovakia, Poland, and the United Kingdom participated.

In 2018, the total number of business trips abroad was 282. Employees of the CZSO participated during them in 216 events. In the CZSO, 16 foreign visits and meetings were held in total in 2018; they were attended by 64 foreign experts. ■



**HUMAN RESOURCES MANAGEMENT**

In 2018, human resources management focused on ongoing implementation of the Act No 234/2014 Sb, on the Civil Service, as amended (hereinafter referred to as the “CSA”). Key elements of the process comprised tenders for civil service positions, civil servants performance appraisals, and civil servant examinations. Emphasis was also put on improvement and broadening of qualification of employees and on permanent development of their professional knowledge and skills.



For the year 2018, a limit for the number of employees was set at 1 390 persons; since 1 October 2018, it was increased to 1 408. The limit for the number of employees was changed as a result of change of systemisation of positions for employees and civil servants in the CZSO in relation to the 2021 Population and Housing Census project. The actual annual average full-time equivalent was 1 290.82 employees. As at 31 December 2018, the CZSO employed 1 329 persons (headcount) in total of whom 1 012 were females.

During 2018, 116 new employees were hired. 87 employees left the CZSO – in 15 cases it was upon an agreement, in 4 cases upon a notice by the employee, in 6 cases by an expiry of a fixed-term contract, in 45 cases at one’s own request of civil servants pursuant to the Section 73 of the CSA, in 6 cases during the trial period (termination by an employee), and in 2 cases during the trial period (termination by the employer). 6 civil servants were redeployed to another civil service office. 2 employees attained the age of 70 years and therefore their civil service relationship was terminated pursuant to the Section 74 par. 1(h) of the CSA. 1 civil servant left due to expiry of the fixed-term contract, during which the civil servant did not pass the civil servant examination. 23 employees left because of old-age retirement – their employment or civil service relationship ended. The attained fluctuation rate was 6.7%, which was by 2 percentage points down on the previous year.

<b>Employees from 2014 to 2018 (as at 31 December)</b>					
	2014	2015	2016	2017	2018
Number of employees	1 378	1 345	1 321	1 303	1 329
Number of civil servants	0	1 091	1 102	1 113	1 129
Females (%)	75.7	76.4	76.5	76.4	76.2
University graduates (%)	51.6	53.9	56.0	57.2	58.5
Average age (years)	47.9	47.8	47.5	48.0	48.4
Age group					
Up to 30 years	93	92	101	97	91
31–40 years	282	276	257	229	224
41–50 years	374	365	355	375	392
51–60 years	484	479	485	460	457
61+ years	145	133	123	142	165



During the year, situation in the area of tenders upon the CSA started to slightly improve; the number of applicants has been gradually growing. Tenders for civil servant positions in Regional Offices of the CZSO are still more successful as for the number of applicants and positions are successfully filled even without repeated calls for tenders.

58.5% of the CZSO employees attained the higher education level; the share of employees with the secondary education level (i.e. with a secondary school with an A-level examination and with a higher professional school) was 40.5% of the total number of employees.

Population ageing is reflected also in the age structure of employees of the CZSO. The average age of the CZSO employees is 48.4 years. The age structure has remained virtually unchanged during the recent years; the highest share belongs to employees aged 51–60 years and 41–50 years.

### **Courses and Education**

Education of the CZSO employees resulted from an analysis and identification of educational needs. All educational events focused on broadening of education of employees in areas important for fulfilment of their employment/service



tasks. In 2018, many professional statistical courses, trainings for applications of the Redesign of the Statistical Information System project (RSIS), courses for field workers, activities related to implementation of the RSIS, short-term professional courses, language courses, trainings focusing on development of managers, etc. were held in the CZSO. Over 20 face-to-face courses were devoted to a current topic of GDPR.

438 courses/trainings were organized during 2018; they were attended by 4 318 persons. A major part of the participants (3 652 employees) was trained in classrooms and meeting rooms of the CZSO (including Regional Offices of the CZSO). About a quarter of the courses and activities related to the civil servant examination were lectured by employees of the CZSO. For special professional trainings, employees were sent out of the CZSO to training companies. 16 employees participated in courses and stints abroad.

Within the implementation of the CSA, support was provided to employees preparing for their civil servant examination. In 2018, face-to-face workshops were held in the CZSO as to a special and a general part of the civil servant examination and concurrently a simulator of questions and a test related to

the general part of the examination were offered to employees. For services No 69 “State Statistical Service” the examination was held in 10 terms; 40 employees of the CZSO and 5 from other departments passed it.

The Unit for Personnel Training and Fund for Cultural and Social Needs administered CZK 4 751 thousand; each employee participated in about 3.25 courses in average. Expenses on education per employee were about CZK 3 575. ■

<b>Course type</b>	<b>Number of participants<sup>1)</sup></b>
Short-term professional courses <sup>2)</sup>	4 120
Long-term courses	11
Language courses	187
<b>Total</b>	<b>4 318</b>

<sup>1)</sup> Includes external participants.

<sup>2)</sup> Courses shorter than 5 days including conferences and activities related to the Civil Service Act implementation.

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**FINANCIAL MANAGEMENT**

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In 2018 the CZSO budget was influenced by continuation of ensuring of sustainability of two projects co-financed from the Integrated Operational Programme (IOP). The projects were the Redesign of the SIS, following to implementation of eGovernment in the Czech Republic, and the Modification to the Current Statistical Register System, following to the creation of basic registers of public administration. The programme financing further registers expenditure on operations of the project of the Administrative Business Register financed from the IOP. It is necessary to provide for the register, as an element of the critical infrastructure of the state,



operation after termination of its sustainability period. Furthermore, it was necessary to provide for budget funding of the presidential elections and other rounds of elections declared, for preparations of the 2021 Population and Housing Census, and for other tasks of the State Statistical Service.

#### **Data on Income and Expenditure Budget**

On 19 December 2017, the Chamber of Deputies of the Parliament of the Czech Republic, by its Resolution No 65 passed the Act No 474/2017 Sb, on the State Budget of the Czech Republic for 2018.

The aforementioned act approved an income budget for the Chapter 345 – Czech Statistical Office in the amount of CZK 9 949.80 thousand and an expenditure budget in the amount of CZK 1 005 603.49 thousand.

In the course of 2018, the Ministry of Finance permitted an overall adjustment of the budget chapter as follows:

a) The determined allocation of expenditure was increased by the amount of CZK 140 469.56 thousand, because it did not cover expenditure to ensure new elections to local councils, regular elections to the Senate of the Parliament of the CR, repeated elections to the Senate of the Parliament of the CR, resources to reimburse expenditure for implementation of the updated Concept of Alien Integration – In Mutual Respect in 2018, resources for expenditure related to the processing of administrative data of the Czech Social

Security Administration for 2018 (questionnaire Nem Úr 1 02), for expenditure related to the acquisition and processing of data at an extraordinary data collection in time of the oil crisis threat, under the oil crisis, and in training for the oil crisis, and for ensuring of the 2021 Population and Housing Census.

b) The determined expenditure budget was reduced by CZK 22 963.47 thousand due to a transfer of resources to the Ministry of the Interior in order to cover operations of the Information System of the Administrative Business Register, transfer of resources to the Czech Office for Surveying, Mapping and Cadastre to reimburse the Administration of the Project Cadastral Office for Zlínský Region – Building Reconstruction, transfer of resources to the Ministry of Education, Youth and Sport according to an annex to the Resolution of the Government of the Czech Republic No 352 of 6 June 2018, and transfer of resources to the Ministry of Health within the project of the Provision of Basic Information on Purchasing Power Parities.

After these adjustments, the income budget remained in the amount of CZK 9 949.80 thousand and the expenditure budget after changes amounted to CZK 1 123 109.58 thousand.

This expenditure budget was raised by extra-budgetary resources in the total amount of CZK 331 559.73 thousand, i.e. by claims from unused expenditure (hereinafter as "the claims"), 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 2018. The final expenditure budget was CZK 1 454 669.31 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 989 889.78 thousand (68.05%), material expenditure was in the amount of CZK 317 678.82 thousand (21.84%), transfers to the reserve fund were CZK 851.11 thousand (0.06%), and capital expenditure was CZK 146 249.60 thousand (10.05%).

## **Actually Attained Income and Drawing of Expenditure**

### **Income**

Budgeted income was fulfilled in the amount of CZK 14 943.63 thousand, i.e. for 150.19%.

Total income in 2018 reached 90.11% of the amount of income generated in the year 2017. Compared to 2017, the decrease by CZK 1 639.54 thousand in 2018 was influenced mainly lower income from sanction payments received, lower income from non-investment property sales, and by lower volume of refunded overpayments from the past years. A lower fulfilling of income compared to that in 2017 was also affected by a decrease

in income for pre-financed grants and/or projects of the Community Statistical Programme 2014–2020. Revenues from own activities amounted in total to CZK 2 652.16 thousand, which is by CZK 41.35 thousand less than in 2017 and by CZK 402.81 thousand more than expected in the budget after the adjustments for 2018. More than a half of the revenues comes from non-standard orders as, for example, selections from databases, compilation of special tailored outputs, sales of data for scientific and research purposes. Trend in this income is more and more affected by ever increasing offering of public available data on websites of the CZSO and Eurostat. This trend will continue in next years as well. Other income comprised of revenues from lease of property and amounted to CZK 54.67 thousand, irregular income from sale of unnecessary tangible fixed assets amounted to CZK 4.50 thousand, sanction payments received in the amount of CZK 22.80 thousand, refunded overpayments, received insurance reimbursements, and other tax-free income were for CZK 515.01 thousand, exchange rate differences were at CZK 0.67 thousand, and revenues from useless investment property were CZK 15.75 thousand. The aforementioned other income was by CZK 779.63 thousand lower compared to that in 2017. Other part of total income was received transfers at the amount CZK 11 677.42 thousand. Compared to 2017, when the received transfers were recorded at CZK 12 495.98 thousand, the fulfilment was by CZK 818.56 thousand lower.

### **Expenditure**

In 2018 the total drawing of expenditure was in the amount of CZK 1 166 842.71 thousand, i.e. 80.21% of the final budget.



Of the total amount of drawing of expenditure, current expenditure was CZK 1 112 412.19 thousand (95.34%) and capital expenditure was CZK 54 430.52 thousand (4.66%). In comparison with 2017 total drawing of expenditure was higher by CZK 89 297.19 thousand. In 2018, compared to 2017, current expenditure was higher by CZK 120 036.80 thousand, of which current expenditure on the CZSO operations and activities was by CZK 56 101.31 thousand higher. Expenditure on elections was by CZK 62 134.11 thousand higher and expenditure for provision for the 2021 Population and Housing Census were by CZK 1 801.38 thousand higher. Drawing of capital expenditure in 2018 was by CZK 30 739.61 thousand lower than in 2017.

### Elections

In 2018 they were new elections to local councils, regular elections to municipal councils, regular and repeated elections to the Senate of the Parliament of the CR, and presidential elections.

From provided resources in the amount of CZK 146 760.60 thousand to ensure current expenditure of elections, CZK 123 597.08 thousand were drawn to ensure financing of preparations and processing of election results, i.e. 84.22%, of which in Section 6114 Elections to the Senate of the Parliament of the Czech Republic CZK 19 804.32 thousand were drawn, in Section 6115 Elections to Local Councils CZK 57 287.72 thousand were drawn, and in Section 6118 Election of the President of the CR CZK 46 505.04 thousand were drawn from current expenditure.

In 2018 CZK 13 600.00 thousand were earmarked in the budget to cover election-related capital expenditure and CZK 1 189.02 thousand were drawn from the claims. In total CZK 6 581.80 thousand were drawn from the budget and CZK 1 179.60 thousand were drawn from the claims. Capital expenditure was drawn for events as follows: "Development of Application Software for Elections, Phase VII", "Commissioning of Processors for the IBM Servers", "Commissioning of a Paper Shredding Machine for Elections", "Development of Application Software for Elections, Phases V and VI", "Purchase of Oracle Licences – Elections", and "Camera CANON".

### 2021 Population and Housing Census

There were CZK 3 137.22 thousand, i.e. 6.85% drawn from the resources for current expenditure for preparations of the 2021 Population and Housing Census at the amount of CZK 45 769.76 thousand. There were CZK 2 367.46 thousand drawn from resources of Chapter 398 - VPS of the amount of CZK 45 000.00 thousand, mainly for OPE, including compulsory insurance, for promotional services, for analytical, consultancy, advisory and legal services, for service and services GIS, for purchase of non-investment software for ICT, and for travel expenses. There were CZK 769.76 thousand drawn from the claims for salaries, including accessory.

### 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 operations and activities

of the CZSO own workplaces. The final budget after the incorporation of the claims, reserve fund, transfer from the Fund of Cultural and Social Needs, and resources from the income account reached the volume of CZK 1 247 316.93 thousand. Drawing was in the amount of CZK 1 032 314.96 thousand, i.e. 82.76% of the final budget, of which current expenditure amounted to CZK 985 645.83 thousand and capital expenditure to CZK 46 669.13 thousand.

Drawing of personnel costs was by CZK 79 396.43 thousand higher, compared to 2017, which was caused mainly by an increase in wages, including accessories, by 10% since November 2017.

Compared to 2017 drawing of material expenditure was by CZK 23 293.43 thousand lower, especially due to reduced expenditure for the purchase of material by CZK 17 965.19 thousand, while in 2017 there was a bulk purchase of notebooks, monitors, PCs, and printers. A substantial reduction of expenditure by CZK 11 402.06 thousand, compared to 2017, was also recorded for other purchases because of the purchase of software licences of Microsoft Office 2016 and VMware in 2017.

Compared to 2017 the drawing was by CZK 4 409.20 thousand higher, namely for data processing services. The increase was, first of all, for software service and services - sustainability of the ROS project.

In 2018 capital expenditure in Section 6146 was drawn in the amount of CZK 46 669.13 thousand. Compared to 2017 it was a decline by CZK 31 056.51 thousand, because certain tenders were not closed in 2018 and implementation of some of investments was postponed to 2019.

At the end of the budgetary year 2018 financial resources were transferred into the CZSO reserve fund at the amount of CZK 851.11 thousand, i.e. by CZK 656.09 thousand more than in 2017.

#### **Programmes Co-Financed from Abroad**

In 2018 the total of CZK 10 831.70 thousand were drawn for programmes co-financed by the EU, of which CZK 7 719.84 thousand from resources from the EU. In 2018 the CZSO drawn resources of CZK 9 684.96 thousand from budget resources of the Community Statistical Programme 2014+ for 11 projects co-financed from EU sources; for 12 projects from the claims; and for 1 project from the reserve fund. Furthermore, missions and study visits of the Twinning out, missions within TAIEX, and travel expenditure for the mission to Moldova were financed from extra-budgetary resources granted by the EU at the amount of CZK 1 146.74 thousand, that is from resources credited to the income account and from the reserve fund.

From non-EU resources from abroad, for technical assistance (TA) outside the EU the amount of CZK 512.84 thousand were paid in total as follows: from the reserve fund



CZK 366.99 thousand were paid for technical assistance to Tajikistan, TA to Kyrgyzstan 2017, and to TA to Kazakhstan; from resources paid to the income account, CZK 145.85 thousand were paid to TA Kyrgyzstan 2017 and Kyrgyzstan 2018.

It ensues from an analysis of drawing of the CZSO total expenditure (excluding the transfer into the reserve fund) 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 887 471.26 thousand comprised 76.06% of the total expenditure. Material expenditure in the amount of CZK 224 089.82 thousand made 19.21% of the total budget drawing (purchase of materials, energy, and services). Transfers to the reserve fund amounted to CZK 851.11 thousand, i.e. 0.07% of the total drawing. Capital expenditure of the CZSO in 2018 was made within the framework of the programme for the financing of reproduction of the 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 the Programme 045 01 – Development and Modernisation of Material-Technical Basis of the CZSO since 2018, and actual drawing of expenditure was CZK 54 430.52 thousand, i.e. 4.66% of total expenditure. To cover total expenditure, CZK 921 303.83 thousand were drawn from the budget resources and CZK 245 538.88 thousand were drawn from extra-budgetary resources.

The status of the claims as at 1 January 2019 was CZK 376 286.01 thousand in total, of which CZK 305 881.40 thousand consist of profiling expenditure. These cover the amount of CZK 140 363.03 thousand for wages of civil servants, 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 4 552.93 thousand, the amount of CZK 92 841.24 thousand for events recorded in the EDS/SMVS information system, and resources designated for settlement with the state budget for other labelled expenditure, excluding wages and OPE, (elections, population and housing census, and other purpose dedicated expenditure) in the amount of CZK 68 124.20 thousand. Non-profiling expenditure as at 1 January 2019 was CZK 70 404.61 thousand.

The balance of the reserve fund as at 31 December 2018 in the amount of CZK 1 955.18 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 2018 for the CZSO, in the approved state budget and with involvement of extra-budgetary resources, were drawn in accordance with the fulfilment of the CZSO tasks, in compliance with the budgetary rules, and with an emphasis on their economical and purposeful spending. ■



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