

PRIORITY TASKS OF THE CZECH STATISTICAL OFFICE FOR 2023

INTRODUCTION

The priority tasks contain a plan of activities that the management of the CZSO considers to be extremely important for the implementation of the CZSO Strategic Plan in a given year. In 2021, the management of the CZSO approved a new strategy for the period 2022–2026. It includes the following strategic objectives:

1. To improve the relevance and accessibility of official statistics to users
2. To reduce the administrative burden on respondents
3. To increase the prestige and respect of the CZSO
4. To modernise the operation of the CZSO
5. To become an employer that is recommended.

The priority tasks for the given year directly follow the partial strategic objectives. The following priority tasks were set for 2023:

1. To modernise the statistical information system (SIS 5.0 programme)
2. To complete the implementation of the development of the Basic Register of Legal and Natural Persons and its editing agenda information system
3. To ensure preparation for the revision of the European standard classification of productive economic activities (NACE)
4. To expand the areas of use of scanner data for creating statistics
5. To modernise the system of business and environmental statistics
6. To prepare a system of integrated annual demographic and census statistics
7. To innovate data collection for field surveys in households
8. To modernise structural wage statistics
9. To ensure the implementation of a peer review of the National Statistical System
10. To complete the development of IT infrastructure and management, including the introduction of quality measurement
11. To complete the implementation of energy-saving projects of the reconstruction of office buildings of the CZSO
12. To prepare and bring the Records Service into compliance with DEPO Act (Further Electronisation of Public Authorities' Procedures) and other related laws and regulations
13. To implement the electronisation of selected support processes

The progress of priority tasks is monitored and evaluated in the CZSO at the top management level. Measurable objectives are part of the description of activities within priority tasks.

In recent years, the CZSO has actively addressed priority tasks in the area of the preparation and implementation of the Population and Housing Census, the streamlining of the state statistical service, and the use of administrative data and data from corporate information systems, the shortening of deadlines for GDP estimates, the development of statistical registers, and the implementation of tools created within the Redesign of the SIS project. Significant attention was also paid to the rebranding and expansion of the database of foreign trade statistics (international trade in goods – change of ownership), the issue of statistics of waste and secondary raw materials, data support of the sustainable development agenda, reform of structural wage statistics, or innovation of data collection for field surveys in households. Other activities included the development of tools for shared work, the introduction of quality management, and the electronisation of the office's support processes.

1. TO MODERNISE THE STATISTICAL INFORMATION SYSTEM (SIS 5.0 PROGRAMME)

Link to the CZSO's strategic objectives

- To improve the relevance and accessibility of official statistics to users
- To reduce the administrative burden on respondents
- To increase the prestige and respect of the CZSO
- To modernise the operation of the CZSO

Responsible person

Vice President of the CZSO (Jaroslav Sixta) and the SIS 5.0 project manager (Libor Svoboda)

Co-operating responsible persons

Project structure of the SIS 5.0, including subject managers of individual projects: Central authentication point (Pavel Charvát), Unified input interface (Lucie Lukášová), Central processing (Pavel Skotnica), Expansion of dissemination tools (Petra Kuncová), Unified meta-information system (Petr Eliáš), System of statistical registers (Michal Čigáš), Creation of open datasets (Michal Čigáš).

Description of the Priority Task

The aim of the SIS 5.0 programme is to ensure the next life cycle of the SIS (5–7 years), to replace outdated and unsupported technologies, and to ensure the functional development of the system in accordance with conceptual and legislative documents, which, in particular, include the following: Information Concept of the Czech Republic, Information Concept of the CZSO, legislative and methodological documents in the field of digital services (ISVS - Public Administration Information System, GDPR, eIDAS, Act on Cybersecurity, Act on the Right to Digital Services, eGovernment, National Architectural Plan, Digital Services (Register of Rights and Duties), Ten Principles of the Statistical Information System, Quality Commitment of the CZSO, and Quality policy of the CZSO.

The SIS 5.0 programme will be implemented in the years 2023–2025 in the form of partial projects included in the National Recovery Plan (NPO), while the projects were originally defined as part of the Digital Czech Republic program and later transferred to the NPO, from which it is possible to secure their financing in the form of a subsidy. Additionally, the project Creation of new open data sets - a prerequisite for a data-oriented economy was also included in the NPO. These are the following projects:

- Central Authentication Point (CAB),
- Unified Input Interface (VST),
- Central processing (CNT),
- Expansion of Dissemination Tools (DIS),
- Unified Meta-information System (JMS),
- System of statistical registers (SSR),
- Creation of new open data sets - a prerequisite for a data-oriented economy.

The owner of the NPO's component, which includes the CZSO's projects, is the Ministry of the Interior (Mol). For about a year and a half, relatively intensive communication has been going on between the Mol and the CZSO, in the framework of which the problems of the implementation of the office's projects while meeting the strict conditions of the NPO are being solved in particular.

Due to the aforementioned delay, the main targets for 2023 remain the same as in 2022. That is submitting applications for support from the NPO, obtaining legal acts and accelerating the start of the implementation phase of projects (this does not apply to the CAB project, the implementation phase of which is ongoing). The fact that most of the necessary documents for applications and tenders (for project support, technical, and legal services as well as for the development of required outputs and products of SIS 5.0 projects) are ready since 2022 should lead to the acceleration of this process. This also applies to the approval of the Office of the Chief Architect (OHA).

1.1 Central Authentication Point

At the beginning of 2023, this project is in the final stage of implementation. Based on the requirements arising from the legislation (eIDAS, Act on the Right to Digital Services), a central authentication point was built (the CAB portal was created) and a connection to the National Identity Authority (NIA) and Data Box Information System (ISDS) authentication services was implemented; subsequently, OpenID Connect was implemented. Its purpose will be to ensure for external users (primarily respondents with a statistical duty) a preferred method of authentication that suits them best. The need for local registration will no longer be required. The possibility of authentication with a local account of the application (register of external users of the CZSO) will continue to be maintained. The benefits of this solution are mainly in the simplification of logging in, ensuring a higher level of security during authentication, the possibility of using an account that they have already created for another agenda, as the case may be. In 2023, as part of the completion of the project, a connection to internal authentication service and assistance in connecting the DanteWeb application to the CAB will be implemented. For this, it is necessary to make modifications to the DanteWeb application so that it is ready to connect to the CAB and use the new authentication types.

1.2 Unified Input Interface

The aim of this part of the SIS 5.0 is to optimise the burden of statistical survey respondents by using the principles and possibilities of eGovernment, sharing administrative data, introducing and improving modern tools for collecting statistical data and promoting an active dialogue with interested parties. It will provide new services, collecting data from respondents using a dynamic website, responsive design, and multi-platform support. It will include a new input channel enabling the automated transfer of respondents' data through the cooperation of their corporate information systems and web services to the CZSO's systems, including the possibility of receiving scanner data from checkout systems of retail sellers. Part of the project will be the newly built Respondent's Portal, which will summarise all published web functions to support the activities of statistical survey respondents and other data providers. The unified input interface will provide all (authenticated and non-authenticated) external users of the CZSO's services with a uniform interface for accessing services from the outside, and uniform CZSO's access to the services of external organisations within the CZSO.

1.3 Central processing

The Central processing subsystem follows input processing. It deals with the central processing as such as well as its management. This is mainly the creation of statistical information based on input data, the creation of outputs, and the transfer of processed data to subsequent processes for statistical analyses, the dissemination of the outputs of statistical tasks and statistical analyses. The main objectives include ensuring the service of joint storage, management, editing, supplementing, updating, and internal disclosure of data for all other SIS components from administrative data sources and other external data sources, regardless of the technological procedure of their acquisition. With the gradual expansion of the Linked Data Fund (data pool; PPDF) and the development of the Shared Services IS (ISSS), these data will be obtained via the CZSO's interface from the ISSS. As part of the project, Common Transformation Tools will be created with the functionality of converting input data into the format of statistical variables in accordance with the data and metadata description of the data according to the CZSO's standards. Among other things, the new tool will allow the administrators of these data to carry out checks and corrections in these data and thus ensure high data quality for their further processing.

1.4 Expansion of dissemination tools

The aim is to provide users with digital services within the self-service portal and to expand the methods and formats of statistical information provided. The CZSO's provision of information services follows on from central processing and makes statistical information available to external users. The changes mainly relate to applications that support operations in this area – for example, it is a partial modification of the Catalogue of Products application, support for economic dissemination processes, a fundamental transformation of the user register, and dissemination monitoring. These modifications will require partial changes in the applications for managing and updating the CZSO's websites and the Public database. The adjustments will, among other things, be aimed at ensuring the automated publication of statistical data in open formats, incl. link to the National Open Data Catalogue (NKOD). It also includes the provision of remote access

to data for scientific and research purposes (SafeCentre). The Expansion of Dissemination Tools project continuously builds on the dissemination part of the 2021 Census project, within which the following are created: a new portal for the dissemination of the results of statistical tasks, including a web application for user-defined outputs (DataStat), web presentations of the information section and an editorial system for the presentation of the census results and subsequently for the CZSO's statistical information from other areas; the development of a tool for geographical presentation of results will take place.

1.5 Unified meta-information system

The aim of the project is to expand and modernise the statistical meta-information system, ensure the replacement of obsolete or no longer functional technologies and improve the availability of metadata. The primary goal of the Unified Meta-information System is to methodically support the processing, transmission, and publication of statistical data. From the point of view of internal users, the most significant benefits will be the creation of a central tool for planning and monitoring the preparation and processing of statistical tasks, which will also enable the planning of operational activities, such as shutdowns of applications and databases, as well as the expansion of the tool for recording and managing changes in metadata, or the interface for access to metadata stored in the Statistical Meta-information System by other SIS tools. The most significant benefits for external users will primarily consist in making CZSO reference code lists available in open data formats and sharing them in the Public Data Fund (data pool; VDF) and PPDF environment, where part of the solution will also be the activation of a service alerting code list users to code list updates.

1.6 System of statistical registers

The goal of the project is to integrate statistical registers on the PPDF and implement digital services stipulated by Act No 12/2020 Sb, on the Right to Digital Services and amending other acts (Translator's note: "Sb" stands for the Collection of Laws of the Czech Republic (it reads "Sbírka zákonů" in Czech) – sometimes it is also abbreviated as "Coll."). Other goals of the project include the modernisation of the system of statistical registers (SSREG) and the integration of satellite registers (Register of Collective Accommodation Establishments (RUZ), Farm Register (ZEMREG), Database of economic entities involved in international trade) into SSREG. The project will ensure the provision of new digital services for legal entities and natural persons – entrepreneurs. Specifically, it will be about providing statements of data kept in the system of statistical registers and their changes. Integration on PPDF will further ensure the acquisition of more up-to-date and consistent data from administrative sources – all citizens will benefit from this in the form of better statistical outputs needed for their decision-making. In the case of modernisation of the software infrastructure, the goal is to increase its integration into the SIS and ensure the financial sustainability of the SSREG's operation in years to come.

1.7 Creation of new open data sets - a prerequisite for a data-oriented economy

The goal of the project is to modernise tools and streamline processes related to the creation and maintenance of datasets and geographic outputs Register of Census Districts and Buildings (RSO) and ensure their publication in an open format and shorter time periods (so far only quarterly). The result will be a significant improvement in the content and distribution of existing data, as well as the creation of new open data and the creation of conditions (infrastructure) for their sharing. The potential is up to 25 new open datasets with unique geographic statistical content. In the case of standard statistical outputs, these are on the order of tens to hundreds of data sets and code lists enriched with localisation data.

2. TO COMPLETE THE IMPLEMENTATION OF THE DEVELOPMENT OF THE BASIC REGISTER OF LEGAL AND NATURAL PERSONS AND ITS EDITING AGENDA INFORMATION SYSTEM

Link to the CZSO's strategic objective

To increase the prestige and respect of the CZSO

Responsible person

General Methodology and Registers Section

Co-operating responsible persons

IT Section, Security and Crisis Management Department, Information Services Department

Description of the Priority Task

The priority task is a continuation of a similar priority task from 2022 focused on the development of the Basic Register of Legal and Natural Persons (ROS). In 2023, it will be necessary to complete the implementation of 2 projects financed by the NPO, namely the ROS 2020+ and ROS-IAIS 2020+ projects. Attention will be focused on the implementation of non-stop operation in cache mode, an analytical module for the publication of open data from the ROS, and an in-depth analysis of the integrated agenda information system ROS-IAIS. The successful completion of these activities will ensure the fulfilment of the requirements stated in the target concept of Basic Registers 2.0, which the government took note of in its Resolution No 650 of 10 October 2018. In 2023, other development activities of the ROS will also be ensured. The aim will be, for example, to provide the Administration of Basic Registers (SZR) with cooperation in the implementation of the central notification system, which is the basis for the functioning of the linked data fund (data pool) in accordance with the requirements of Act No 12/2020 Sb, on the Right to Digital Services and amending certain acts, and Act No 261/2021 Sb, amending certain acts in connection with the further electronisation of public authority procedures. Depending on the decision of the Government of the Czech Republic on the further direction of basic registers, the CZSO will participate with the Office of the Government and other administrators of basic registers in the preparation of the schedule, or the transfer of the Basic Register of Legal and Natural Persons under the management of the Digital and Information Agency and ensure the continuity of the ROS administration, or look for opportunities to finance the further development of the ROS through European funds (NPO, IROP = Integrated Regional Operational Programme).

3. TO ENSURE PREPARATION FOR THE REVISION OF THE EUROPEAN STANDARD CLASSIFICATION OF PRODUCTIVE ECONOMIC ACTIVITIES (NACE)

Link to the CZSO's strategic objectives

- To improve the relevance and accessibility of official statistics to users
- To increase the prestige and respect of the CZSO
- To modernise the operation of the CZSO

Responsible person

General Methodology and Registers Section

Co-operating responsible persons

Macroeconomic Statistics Section, Business Statistics Section, Demography and Social Statistics Section, Legislation and International Cooperation Department, Information Services Department, IT Section

Description of the Priority Task

The priority task is focused on the preparation of a new version of the European standard classification of productive economic activities, for which the designation NACE Rev. 2.1 has been approved, and its implementation in the (Statistical) Business Register (RES) based on the requirements of Eurostat and individual statistical domains. For the year 2023, the main priorities in this area will be the development and approval of the work schedule and the method of material and technical solution for the implementation of the NACE Rev. 2.1 in the RES and in further processing, including the start of work on the preparation of the national version of the systematic part of the NACE Rev. 2.1 (CZ-NACE). It will include the preparation of opinions for the approval of the NACE Rev. 2.1. in the Council Working Party on Statistics, securing a Eurostat grant for the implementation of the NACE Rev. 2.1., and activities resulting from it. Following this revision, there will also be cooperation with Eurostat on the revision of the Statistical classification of products by activity (CPA).

4. TO EXPAND THE AREAS OF USE OF SCANNER DATA FOR CREATING STATISTICS

Link to the CZSO's strategic objectives

- To improve the relevance and accessibility of official statistics to users
- To reduce the administrative burden on respondents
- To modernise the operation of the CZSO

Responsible person

Macroeconomic Statistics Section

Co-operating responsible persons

IT Section, Regional Office of the Czech Statistical Office in Hradec Králové, General Methodology and Registers Section

Description of the Priority Task

In the previous period, scanner data were implemented in the routine production of statistics, especially the consumer price index, retail statistics, and national accounts. In the case of the consumer price index, scanner data have been fully implemented in selected segments from 2021, and it was therefore possible to abandon the so-called hybrid model, which combined scanner data with field surveys. The priority task for 2023 is focused on completing the implementation for hobby markets and starting preparations for obtaining scanner data for furniture and other consumer goods chains. After full implementation, it will be possible to cancel the field price collection of these products. Due to the growing number of products, the inclusion of products in the relevant classifications and the use of the machine learning will also be addressed.

5. TO MODERNISE THE SYSTEM OF BUSINESS AND ENVIRONMENTAL STATISTICS

Link to the CZSO's strategic objectives

- To improve the relevance and accessibility of official statistics to users
- To reduce the administrative burden on respondents
- To modernise the operation of the CZSO

Responsible person

Business Statistics Section

Co-operating responsible persons

General Methodology and Registers Section, Macroeconomic Statistics Section, IT Section, Regional Offices of the CZSO

Description of the Priority Task

As part of the priority task, the implementation of several sub-activities from various statistical domains will continue, which aim to modernise the procedures for compiling existing statistics, including the wider use of administrative data, or the effort to ensure new, unique data requirements. These are activities that exceed the horizon of one year, however, important phases of the respective projects will be implemented in 2023. These include the modernisation of agricultural and energy statistics, the introduction of a data source for secondary raw materials, and preparation for new requirements in the field of environmental accounts. In 2023, the preparation of the e-Turista system will also take place, in which the CZSO intends to actively participate, as it potentially represents a backbone solution for tourism statistics.

5.1 Agricultural and forestry statistics

In agricultural statistics, work on its modernisation will continue, especially in the area of increasing the share of use of administrative data sources. In the case of crop production statistics, in 2023, it is

planned to routinely take over administrative data sources from the Ministry of Agriculture (Land Parcel Identification System, LPIS – types of land, sown areas of agricultural crops, and landscape elements) and their implementation in the processing of results for this statistical domain. In the area of animal production statistics, it is planned to complete data analyses in the Integrated Animal Register (IZR) and prepare for the routine receiving and processing of these data as of 2024. As part of the processing of the results of the IFS 2023, intensive use of data from the Orchard Register, the Vineyard Register (administered by the Central Institute for Supervising and Testing in Agriculture – ÚKZUZ) and data related to measures for rural development (data owner – the State Agricultural Intervention Fund – SZIF). Last but not least, following the progress of work within the SIS 5.0 Programme, work will continue to integrate the processing of agricultural statistics under universal tools within the SIS and the integration of the Farm Register into the system of statistical registers.

5.2 Energy statistics

In 2023, the main attention in the field of energy statistics will be focused on shortening the deadlines for providing results and methodical preparation for the expanding requirements resulting from the implementation of the Regulation (EC) No 1099/2008 on energy statistics. This is primarily a shortening of the deadline for sending monthly international questionnaires on crude oil and crude oil products (shortened by 3 days), preliminary monthly data on gas in the term T+15, and annual international questionnaires (shortened by 1 month). In connection with the implementation of the new requirements, it will be necessary to monitor items such as consumption in data centres, hydrogen consumption, battery capacities, refinery capacities, and others. Newly from 2023, EU legislation introduces the obligation to fill in and send international questionnaires related to the detailed disaggregation of fuel and energy consumption in industry, the disaggregation of consumption in the field of transport or a new questionnaire for the detailed disaggregation of biofuel production. Furthermore, the plan is to create a procedure for producing the international questionnaire for the disaggregation of consumption in the area of services and a procedure for filling in the new balance questionnaire regarding hydrogen, which will be mandatory as of 2024.

5.3 Environmental accounting

In the area of environmental accounting, the CZSO must respond to the extension of Regulation (EU) No 691/2011, which is just being approved, while it will be essential to follow up on activities from 2022. In the framework of environmental subsidies and similar transfers, negotiations with the State Budget Department of the Ministry of Finance (MF) have to continue together with the National Accounts Department of the CZSO with the aim of using the new administrative data source of the Budget Information System of Programme Financing (RISPF), which contains a database of provided subsidies with the designation of individual beneficiaries, and subsequently to formalise this cooperation. As part of the extension of the existing regulation to include the ecosystem accounts module, cooperation between the CZSO and other professional institutions, which were invited to the working group for ecosystem accounting in 2022 under the coordination of the CZSO, will continue. Together with members of the working group, the CZSO will monitor and comment on the guidelines for individual ecosystem services and characteristics of the state of ecosystems, which should be published in 2023. The CZSO will also, in cooperation with members of the working group, continue compiling the account of the extent of ecosystems, which it started in 2022 at level 1. At the same time, in cooperation with members of the working group, it will be necessary to develop methodologies for reporting ecosystem services and to participate in the voluntary reporting of mandatory ecosystem services.

5.4 Statistics of secondary raw materials

In the area of securing information on the production and consumption of secondary raw materials, the preparation of the new Druh Sur 1-01 report (statistical questionnaire) will be finalised in 2023, both from a methodological and technical point of view, so that its results provide sufficient information for evaluating the fulfilment of the goals defined in the “Circular Czechia 2040” Strategic Framework. The main task is to find a way of collecting data on secondary raw materials that will ensure the fulfilment of both European and national requirements and at the same time will be as least burdensome as possible for the respondents. To the maximum extent possible, existing administrative data and statistical information

collected for other purposes will be used. Part of the solution to the task is also the implementation of the revised PRODCOM classification in the area of monitoring secondary raw materials into statistical reporting.

5.5 Preparation for the introduction of the e-Turista system

In 2022, the Ministry of Regional Development (MMR) started the preparation of the new e-Turista system, which can potentially become an essential administrative source for statistics on accommodation establishments. The goal of the project is to unify the records of all accommodated persons, accommodation providers, and their establishments (collective accommodation establishments – HUZ, individual accommodation establishments – IUZ) and in general reduce administrative burden on entrepreneurs. The main contribution is supposed to be the harmonisation of data sources for the foreign police, the collection of local fees, and statistics. This would create a suitable administrative source of data to supplement the CR 1–12 and CR 2–04 statistical surveys with a great potential to replace these surveys in the future. Currently, the MMR is preparing a legislative solution to the project (connection of new legislation to existing laws, including the Act on the State Statistical Service). In the spring 2023, a user catalogue will be created with the requirements of all interested authorities, which will be followed by the creation of the system architecture. The connection of e-Turista with registers (Basic Register of Legal and Natural Persons (ROS), Trade Licensing Register, etc.) and integration into e-Government will be fine-tuned. From the point of view of statistics, it will be necessary to create a system of receiving, validating, and checking data, their processing (connection to the existing survey in HUZ) and dissemination. As part of the preparatory work, the CZSO plans to organise the transfer of experience from countries that operate a similar system, e.g. Slovenia.

6. TO PREPARE A SYSTEM OF INTEGRATED ANNUAL DEMOGRAPHIC AND CENSUS STATISTICS

Link to the CZSO's strategic objectives

- To reduce the administrative burden on respondents
- To increase the prestige and respect of the CZSO
- To modernise the operation of the CZSO

Responsible person

Demography and Social Statistics Section

Co-operating responsible persons

Regional Office of the CZSO in the Capital City of Prague, IT Section, Security and Crisis Management Department, Legislation and International Cooperation Department

Description of the Priority Task

Following the 2021 Population and Housing Census, the overall trend in this field of statistics in the form of a transition to integrated annual census and demographic statistics, and last but not least, in direct connection with the upcoming new European regulation for the area of demographic, census, and migration statistics, the transition is underway from demographic statistics based so far mainly on statistical reports provided by municipalities (registry offices) to a system using administrative data sources. Beyond the demographic events themselves, it goes in line with user needs and the new European regulation on the inclusion of a wider range of data from the socio-economic area (such as education or economic activity).

In 2023, activities within the priority task for 2022 will resume. The main activities will be the use of the infrastructure for taking over data from the Basic Population Register (ROB) and related information systems (The Population Registration Information System (also referred to as ISEO or AISEO), Foreigner information system (also known as "CIS")) for parallel processing of demographic statistics (as regards states, as well as events – births, deaths, marriages, divorces) and integration and testing of expanding administrative data sources (especially with regard to indicators of completed education and economic

activity). Following the transition to the use of administrative data sources, a reduction in the coverage of demographic events (births, deaths, marriages) by the existing statistical questionnaires “OBYV” will be prepared, and above all, a solution to the remaining part of these events not covered by available administrative data sources (especially when it comes to events involving foreign nationals). An essential objective of the priority task will be the incorporation of signs-of-life analysis using administrative sources into ongoing population statistics. This issue is of priority importance for determining belonging to the population in the case of refugees from Ukraine.

In the legislative area, it will involve participation in the discussion of a new form of European regulation for the area of census, population, and migration statistics. Submission to the legislative process (Council Working Party on Statistics) is expected by Eurostat in January 2023. In connection with this, it will involve the formulation of the national position on the submitted proposal, the intention regarding possible future derogations, active participation in the discussion and evaluation of the effects of the regulation and the data requirements resulting from it on national legislation.

7. TO INNOVATE DATA COLLECTION FOR FIELD SURVEYS IN HOUSEHOLDS

Link to the CZSO’s strategic objective

To modernise the operation of the CZSO

Responsible person

Demography and Social Statistics Section

Co-operating responsible persons

Household Surveys Department, Society Development Statistics Department, Labour Market and Equal Opportunities Statistics Department, Agricultural and Forestry, Industrial, Construction, and Energy Statistics Department, Trade, Transport, Services, Tourism, and Environmental Statistics Department, Regional Offices of the CZSO, IT Section

Description of the Priority Task

Data collection for household surveys is currently ensured by the interviewer network at Regional Offices of the CZSO, in the form of personal interviewing using a paper questionnaire (PAPI), computer assisted personal interviewing (CAPI, as of 2023 via tablets), and computer assisted telephone interviewing (CATI). The Survey Solutions software environment has been used for CAPI since 2023. In addition to CAPI via Survey Solutions, a completely new service system was created in the period 2021 – 2022, which allows persons responsible for household surveys to redistribute samples to individual interviewers and transfer data from the field to the headquarters for processing.

Both the service system and CAPI will be improved and adjusted in the following period to optimise the work of interviewers in the field and to simplify the activities of persons responsible for household survey. The new priority task thus follows on from previous activities connected with the implementation of the Survey Solutions software environment in the CZSO and will expand the possibility of computer assisted web interviewing (CAWI) in the same system. A number of households request an electronic questionnaire for self-completion purposes. In addition, some household survey modules extend the interviewer’s presence in the household. The priority task envisages the creation of online CAWI questionnaires that interviewers will be able to offer to households, as well as the creation of a service system for CAWI and the secure transfer of the data obtained in this way from households to the CZSO’s headquarters for processing. The plan is to put CAWI into operation from 2025 for selected household surveys: repeated waves of the Labour Force Sample Survey (VŠPS), the annual Sample Survey on ICT Usage in Households and by Individuals (VŠIT), Tourism Sample Survey (VŠCR), and European Union Statistics on Income and Living Conditions (EU-SILC) survey modules. In addition to the creation of CAWI questionnaires for household surveys, it will also be necessary to create a service system for CAWI within the current CAPI service system in Survey Solutions.

8. TO MODERNISE STRUCTURAL WAGE STATISTICS

Link to the CZSO's strategic objectives

- To reduce the administrative burden on respondents
- To increase the prestige and respect of the CZSO
- To modernise the operation of the CZSO

Responsible person

Demography and Social Statistics Section

Co-operating responsible persons

Regional Offices of the CZSO in the Capital City of Prague and in Ostrava, General Methodology and Registers Section, IT Section, Legislation and International Cooperation Department. External co-operating responsible persons: workplace of the State Statistical Service for the Information System on Average Earnings (ISPV) of the Ministry of Labour and Social Affairs.

Description of the Priority Task

In connection with the planned transfer of responsibility for structural wage statistics from the Ministry of Labour and Social Affairs to the CZSO, it will be necessary to address the future provision of collection and processing of this statistics under the conditions of the office. At the same time, it is necessary to address the elimination of duplicate data collection through a deeper connection with other statistical surveys in the field of labour and wages, to ensure compliance with EU legislation, and to optimise the burden on respondents.

Structural wage statistics is currently drawn from two administrative data sources (the Ministry of Labour and Social Affairs – wage sector, the Ministry of Finance – salary sector), the linking of wage and salary sector information is currently guaranteed by the Ministry of Labour and Social Affairs through the ISPV. The system links data on enterprises with data on their individual employees for both spheres. The data are collected and processed by contractors, some results are already obtained by the CZSO in a finished form within the framework of the agreement with the Ministry of Labour and Social Affairs. In general terms, the intention to transfer the statistical survey for the wage sphere (currently ISPV V 1–04 survey) from the Ministry of Labour and Social Affairs to the CZSO approximately around the year 2027 has been agreed with the Ministry. For better data analysis and the start of preparatory work for the transfer of the entire agenda, it is primarily necessary to obtain quick and direct access to the ISPV databases, the technical project, and methodological descriptions, and to develop methodological and technological connections with other CZSO's business data not only in the field of labour statistics. In the future, it will be possible to transfer the entire agenda to the CZSO, without using a contractor company. In parallel, it is necessary to address the use of the administrative data source of the MF for the salary sphere (IS PLAT). For all this, it will be necessary to create a completely new system architecture in advance, both for the collection system and for data processing and unification.

By the end of January 2023, the procurement documentation for the tender procedure of the Ministry of Labour and Social Affairs for contractors for the statistical survey of average earnings in the wage sphere (including the processing of data for the salary sphere and the processing of outputs) should be prepared for the following years (as of 2024), in which direct control by the CZSO over the determination of the sample should be enabled and duplicates in some variables should be removed so that the survey of the Ministry of Labour and Social Affairs will be limited to the collection of non-duplicate data only for individual employees of the wage sector. The Ministry of Labour and Social Affairs will take the aggregate data for the entire company (for the necessary quality control) from the relevant quarterly survey of the CZSO. In 2023, the changes in the surveys will be incorporated into the Programme of Statistical Surveys for 2024. Within the framework of the contract being prepared, the processing of wage and salary sphere data, including data outputs, will continue to be ensured by the supplier.

In 2023, analyses of existing available data will be processed so that a framework model for data collection and processing can be proposed. These analyses will also be the basis for the conceptual

material for transferring the agenda. In the following years, work on the transfer of the agenda under the CZSO will continue. By the end of 2026, a change in the legislation and a proposal to change the budget are expected to be prepared. On the horizon until the end of 2027, the preparation of data collection and processing in the CZSO's environment should be completed so that the first data collection in the CZSO's environment for the first half of 2028 takes place in the autumn of 2028.

In connection with the SIS 5.0 Programme, preparatory work will continue for the future data collection of the corporate part of the ISPV as part of the system for the collection of business statistics being created (future integration into a unified portal for data collection with other surveys of business statistics). In 2023, the discussion of new legislation under the Labour Market Business Statistics (LMB) regulation will also be launched in the Council Working Party on Statistics, as expected in the second quarter of 2023.

9. TO ENSURE THE IMPLEMENTATION OF A PEER REVIEW OF THE NATIONAL STATISTICAL SYSTEM

Link to the CZSO's strategic objectives

- To increase the prestige and respect of the CZSO
- To improve the relevance and accessibility of official statistics to users

Responsible person

Information Services Department

Co-operating responsible persons

Office of the President of the CZSO, General Methodology and Registers Section, Legislation and International Cooperation Department, persons responsible for principles of the European Statistics Code of Practice (CoP). External co-operating responsible persons: workplaces of the State Statistical Service of the Ministry of Education, Youth and Sports, the Ministry of Industry and Trade, and the Ministry of Transport.

Description of the Priority Task

The CZSO is part of the European Statistical System (ESS). It produces European statistics that respects the common Quality Assurance Framework of the ESS. This framework is given by the European Statistics Code of Practice, i.e. a set of principles that must be met by the national statistical system and the activities and outputs of a national statistical office. One of the tools to ensure the implementation of this common quality framework is the so-called ESS peer reviews. Their aim is to assess the compliance of the creation of statistics by the national authorities of the ESS member states with the principles and indicators of the CoP. The CZSO underwent two reviews in the past, a third review will take place on 6–10 March 2023. The subsequent recommendations for improvement should help national statistical institutes (NSIs) further improve and develop their statistical systems.

10. TO COMPLETE THE DEVELOPMENT OF IT INFRASTRUCTURE AND MANAGEMENT, INCLUDING THE INTRODUCTION OF QUALITY MEASUREMENT

Link to the CZSO's strategic objectives

- To improve the relevance and accessibility of official statistics to users
- To modernise the operation of the CZSO
- To become an employer that is recommended

Responsible person

IT Section

Description of the Priority Task

10.1 Geographic split of the data centre

To complete the relevant priority task from 2022. Operate a centralised IT infrastructure within the office, where the database and application layer are operated from one location, divided for the purpose of covering basic risks (long-term power failure, fire, significant failure of the local IT infrastructure) into two geographically separated locations.

10.2 Unification of End User Device Management Tools and Rules

To complete the relevant priority task from 2022. To implement a platform for modern management and security of end-user devices (NB, PC, tablets, smartphones) – Microsoft Intune (part of Microsoft Endpoint Manager) and the associated remote management tool TeamViewer.

10.3 Implementation of tools and procedures leading to control over the SW environment of the CZSO

To complete the relevant priority task from 2022. To consolidate in one place all source codes – by internal developers and external suppliers (now on local PCs, CDs, DVDs, etc.) – and adhere to uniform rules for controlling software development (also for future suppliers of SIS 5.0 Programme solutions).

10.4. Unification of login to all internal applications (single sign on)

To simplify and streamline the work of users, all applications will be connected to a central component and a unified login to these applications (a unified login name and password) will be put into operation. For applications where this will not be possible, a procedure for their connection (an upgrade of the application) or their replacement will be determined.

10.5 Introduction of “measurement of IT labour quality” - catalogue of IT services, internal SLA

Introduction of the ServiceDesk application (HelpDesk) as the primary channel for receiving all requests from the CZSO’s employees towards IT. Introduction of the catalogue of IT services, its projection into the ServiceDesk tool and regular evaluation.

11. TO COMPLETE THE IMPLEMENTATION OF ENERGY-SAVING PROJECTS OF THE RECONSTRUCTION OF OFFICE BUILDINGS OF THE CZSO

Link to the CZSO’s strategic objective

To modernise the operation of the CZSO

Responsible person

Financial and Administration Section

Description of the Priority Task

Reconstruction and modernisation projects of the CZSO’s office buildings in the city of Prague, Brno, and Zlín with guaranteed energy savings realised by the EPC (Energy Performance Contracting) method in a total value of approx. CZK 300 million plan to bring:

11.1 The CZSO’s office building in Prague

At least 30% energy savings and min. a 10% reduction in CO₂, which will be achieved by the following measures, in particular:

- a new ventilated facade with increased thermal resistance; system-suspended light ceramic panels will be used as surface cladding on buildings B, C, and partially A, and dark composite Bond boards on building A,
- photovoltaic panels located on all roofs of the building,
- the new main entrance to the building with an added thermal barrier,

- by increasing the thermal resistance of the existing roof structures (multiple layer) and one walkable roof with a connection to the newly created adjacent meeting room (meetings, meetings with journalists and other participants),
- new windows made of plastic chamber profiles with insulating triple panes in the same colour design as the existing windows (all windows, however, will be openable to ensure efficient and safe maintenance - especially window washing), complemented by the appropriate type of external glasses (according to orientation of windows to cardinal points and heat burden),
- complex LED lighting with motion sensors in common areas,
- a new system of measurement and regulation, a system for individual temperature regulation (IRC) in individual offices to ensure the comfort of the stay and to avoid wasting energy,
- using waste heat from the data centre,
- and the biggest innovation in terms of work comfort that every employee will feel will be the cooling and forced air exchange system in all offices.

11.2 The CZSO's office building in Brno

Reduction of energy consumption and CO₂ min. by 10%, by the following measures, in particular:

- complete refurbishing of existing casement windows with the addition of double glazing and seals,
- by increasing the thermal resistance of the flat roof in the inner courtyard,
- by installation of complex LED lighting, as well as a new measurement and regulation system, an IRC system in the rooms to ensure the comfort of the stay and avoid energy wastage,
- by building a new hybrid exchange station technology to provide heating from the existing source and at the same time as preparation for the intended new central heating supply (CZT) source,
- as in Prague, the biggest innovation will be cooling in all offices.

11.3 The CZSO's office building in Zlín

(in cooperation with the Cadastral Office for the Zlínský Region, the CZSO's share 23%) 30% energy savings and 10% CO₂ reduction, especially with the following measures:

- a new insulated facade that respects the location of the building in the Baťa conservation area,
- insulation of the roof, new windows made of plastic profiles, comprehensive LED lighting, new electric wiring,
- with a new measurement and regulation system, an IRC system in the rooms to ensure the comfort of the stay and avoid wasting energy,
- a new system of cooling, heating, and forced ventilation.

12. TO PREPARE AND BRING THE RECORDS SERVICE INTO COMPLIANCE WITH DEPO ACT (FURTHER ELECTRONISATION OF PUBLIC AUTHORITIES' PROCEDURES) AND OTHER RELATED LAWS AND REGULATIONS

Link to the CZSO's strategic objective

To modernise the operation of the CZSO

Responsible person

Security and Crisis Management Department

Description of the Priority Task

From 1 February 2022, a law came into effect amending over 160 regulations in connection with DEPO Act (Further Electronisation of Public Authorities' Procedures), which will impose new requirements on the electronic Records Service (eSSL), consisting primarily of mandatory certifications of the Records Service system by the supplier. The task of the office is to create conditions for the correct use of the electronic Records Service of the office by its departments and individual employees so that the impacts on possible non-fulfilment of the certification by the existing supplier does not cause fundamental impossibility to perform a file separation when switching to a new system that meets the relevant requirements. For this, it is necessary to have consistently maintained documentation in accordance with legislation, set up

internal processes for the circulation of all documents maintained by the Records Service and functionalities that support and describe the life cycle of all registered documents. And all this to be performed with an emphasis on minimising the documents kept in paper form. The use of the electronic Records Service must be simple, clear, and functional for every employee who will use it, throughout the entire life cycle of the document recorded by him/her.

13. TO IMPLEMENT THE ELECTRONISATION OF SELECTED SUPPORT PROCESSES



European Union
European Social Fund
Operational Programme Employment

Link to the CZSO's strategic objectives

- To modernise the operation of the CZSO
- To become an employer that is recommended

Responsible person

Office of the President of the CZSO

Co-operating responsible persons

Human Resources and Wages Department, Legislation and International Cooperation Department, Financing and Budget Department, Public Contracts and Legal Services Department, Financial and Administration Section

Description of the Priority Task

With the aim of modernising and improving the working environment, reducing the internal administrative burden of employees, and creating more space for the performance of activities with added value from the point of view of the scope of the CZSO, the office's support processes are gradually being digitised.

In 2023, in the area of human resources, following the project of Implementation of Quality Management in the CZSO supported by the Employment Operational Programme (Ref. No: CZ.03.4.74/0.0/0.0/15_019/0016015), the procurement and implementation of new components for personnel information system (especially the electronic business trip form and forms for the personnel agenda). Performance of a public contract and implementation of the software support for the competence and process model of the CZSO will also be realised.

Furthermore, in the area of managing budget funds, the electronisation of the preliminary management control process within the economic information system will continue. In the field of public procurement, a pilot implementation of the so-called e-approval form will take place as part of the electronisation of internal approval processes. This experience will also be used for the electronisation of other approval workflows.

In order to support digitisation, elements of the process management system will be introduced at the CZSO, including the initiation description, management, and maintenance of process descriptions. A central electronic library of internal regulations will be established, which will offer better functionalities for searching, sorting, and managing internal management acts. In the course of the year, a central library of forms, including a system for managing them, managing content, and updating them, will also be put into operation. The implementation of proposals for the electronisation of selected forms with a one-step workflow within the MS Teams and MS Forms tools will also be an output of this activity.