

Annual Report

of the Statistical Office of the SR

2011



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Introduction

In 2011, the Statistical Office of the Slovak Republic (SOSR) realized several significant statistical surveys influencing the whole activity of the Office in this year.

One of the most significant statistical actions was **Population and Housing Census**. The census was realized in accordance with the Act No. 263/2008 Coll. on Population and Housing Census in 2011 and was fully harmonised with the Regulation of the European Parliament (EP) and of the Council (EC) No. 763/2008 on census. Except SOSR, municipal self-government and other state administration bodies were also interested in the census realization.

The Census was realized by traditional form as a general-purpose statistical survey, new forms of territorial preparation were used and for the first time inhabitants could use also electronic form of the census. SOSR provided a coordination of involved subjects in the process of the census preparation, the census territorial preparation in full range, processed the methodology and defined the surveyed data content. It provided printing and distribution of census forms, prepared organizational and legislative conditions to realize the census and realized collection and the surveyed data record in the census. The Office will publish the first results in 2012.

The Office realized the other significant statistical survey – **Farm Structure Survey 2010**



Lucia Kubová

(FSS) being a part of the European-wide project of agricultural statistics managed by the Statistical Office of the European Union – EUROSTAT. The objective of the Farm Structure Survey was to provide comprehensive data on the Slovak agriculture in compliance with the requirements of the European Union (EU).

The Farm Structure Survey realization was very demanding task including addressing all subjects producing agricultural products without exception, whether it was market production or production for self-supply. The file compiled for this survey represented the Slovak Republic including 98 % of used agricultural area and 98 % of the total number of livestock units. FSS was aimed at surveying basic indicators (for example structure of used agricultural area, livestock, labour forces on farms), but also at surveying specific indicators required to assess an influence of the agriculture on environment and country.



In November 2011, the Office released preliminary data presenting basic information on agriculture in the Slovak Republic on its website. Comprehensive data will be published continuously after validation by EUROSTAT in 2012.

In addition to standard works on compilation of annual accounts for 2010 and quarterly accounts, the **National Account Department** paid attention to transformation of sector data within implementation of the classification SK NACE Rev. 2 to national accounts by the implementing regulation effective from 2011 for the national accounts.

In the 1st quarter of 2011, EUROSTAT conducted a dialog mission to the problems of procedure of an excessive deficit and debt and also a control mission to problems of VAT statements in Slovakia. New statistical tasks required increased attention resulted from the missions.

Very important task was the preparation of new regulation to revised system of ESA95, which should be effective from 2014 and SOSR

is participating actively in this process by its experts. Legislative action was realized on the level of working group of the EU Council during the whole year 2011 and will continue also in 2012.

In 2011, **price statistics** realized revision of weight schemes of calculation of industrial producer price index and especial survey connected with the revision of weight schemes of calculation of construction work price index. The EUROSTAT project on calculation of real estate price indices and price indices of goods and services relating to owner-occupied housing was successfully realized. *Harmonised index of consumer prices (HICP)* with constant taxes was provided monthly to EUROSTAT. The consumer price pilot survey of selected goods and services was conducted in order to harmonize methodologies of the consumer price survey for calculation of HICP and for the European Comparison Programme in June 2011.

Tasks of the EUROSTAT grant project *PPP Production of Purchasing Power Parity Data by Member States* (GP 01-10) relating to the



purchasing power parity were realized. All tasks required by EUROSTAT were conducted by the division of preparation of documents for compilation of purchasing power parities. It can be mentioned the most significant ones, such as calculation of GDP weights (volumes and prices) for needs of purchasing power parity (PPP), price surveys of selected comparable goods, services, construction projects and investment units, survey of wages in state administration and survey of rent prices.

In 2011, the **External Trade Statistics Department** provided standardly data processing of foreign trade statistics (FT), it tried to increase the quality of processed data and to increase statistical knowledge of reporting units.

Policy of statistical data dissemination was realized by the Office in compliance with the strategic aim to provide high-quality and objective statistical products and services and to promote increasing knowledge level of customers. The Office satisfied the needs of customers by extension of the content of on-line databases, pre-defined tables and offer of products available on the Office's website.

One of the main activity towards public was *Open Door Day* at the headquarters and workplaces of SOSR in regional towns, where information from different statistical domains were provided to interested persons and results of statistical works were presented.

In 2011, the Office realized the regular survey on satisfaction of users with products and services of SOSR via an on-line questionnaire. Compared with 2009, a slight increase of the total satisfaction rate of users was recorded. Results of the survey will be taking into consideration in preparation of products and forms of their dissemination, but also in improvement of other activities of the Office.



Identification of organization

Title:	Statistical Office of the Slovak Republic	
Acronym:	SOSR	
Address of headquarter:	Miletičova 3, 824 67 Bratislava 26, Slovak Republic	
Contact:	telephone (operator)	50236 111
	Internet	http://www.statistics.sk/
Management:	The Statistical Office is a budgetary organization, with its incomes and expenditures being a part of the state budget of the Slovak Republic	

Main activities:

SOSR¹:

- a) develops and publishes the policy of national statistics
- b) compiles the Programme of State Statistical Surveys in co-operation with ministries and state organizations
- c) defines methodology of statistical surveys and collects and processes statistical data
- d) defines methodology for maintenance of the system of national accounts and compiles national accounts
- e) sets up, releases and keeps classifications, nomenclatures and registers in co-operation with the ministries and state authorities
- f) defines the method of setting up the registers, assigns and issues identification numbers
- g) elaborates analyses of selected characteristics of the social, economic and environmental development of the SR
- h) co-operates with international bodies and organizations in introduction of standards and classifications in the field of statistics



- i) publishes the results of statistical surveys for the SR and individual geographical and administrative units, informs regularly general public about social, economic and demographic development, provides statistical information and issues statistical publications,
- j) organizes and provides project and programme preparation of processing of the statistical surveys and determines the method of collection and technologies of processing of the statistical data for statistical surveys conducted by the Office,
- k) manages, regulates and oversees collection and processing of statistical data at national level
- l) comments on methodology of production, content and structure of statistical data and statistical information acquired by ministries and state organizations in performing their activities,
- m) obtains and collects external statistical information for purposes to compare the situation and development of the SR economy with foreign countries and
- n) fulfils other tasks set by the act.

A specific task of the SO SR is preparation and processing of election results to the National Council of the Slovak Republic², bodies of municipal self-governments³ and bodies of regional self-governments⁴, arrangements and processing of results from the presidential election⁵, referendum⁶ and elections to the European Parliament⁷ and Population and Housing Census⁸.a bytov.⁸

¹ Act No. 540/2001 Coll. on State statistics in wording of later regulations

² Act No. 333/2004 Coll. on elections to the Slovak National Council in wording of later regulations

³ Act NCSR No. 346/1990 Coll. on elections to the bodies of municipal self-governments in wording of later regulations

⁴ Act No. 303/2001 Coll. on elections to the bodies of regional self-governments

⁵ Act No. 46/1999 Coll. on presidential elections, plebiscite and its repeal

⁶ Act NCSR No. 564/1992 Coll. on referendum in wording of later regulations

⁷ Act No. 331/2003 Coll. on election to European Parliament in wording of the Act No. 515/2003 Coll.

⁸ Act No. 263/2008 Coll. on Population and Housing Census 2011 amending the Act No. 5/2004 Coll. on employment services and on amendments of some acts in wording of later regulations



We continued increasing the efficiency of the integrated management system

In the last year, the development of the quality management system of SOSR introduced by the standard ISO 9001:2008 continued realizing activities aimed at creating preconditions that were prepared in the previous year to **increase the system efficiency**.

It related mostly to implementation of the Development Strategy of SOSR to 2012 focused on **optimization of interfaces of value-creation process**, i.e. the production and statistical products dissemination at the SOSR headquarters and on realization of related organizational change.

Str. 8, odstavec 3 zamenif celú vetu: The action programme focused on implementation of the cost management being a condition to introduction of controlling contributed significantly to create conditions **on monitoring cost effectiveness and SOSR's efficiency**. The information system pilot operation monitor-

ing worked hours was realized within the programme and related trainings of SOSR employees were conducted. The system was subsequently put into operation from the half year. During the implementation, personal accountability of employees for achievement of the Office's results under optimally expended costs – one of the basic common recognized values of SOSR was underlined.

To make easier availability and to increase clarity, all components creating the quality management system of SOSR and related documents were organized in **electronic QMS** on SOSR's website.

The level of the quality management system was examined by the internal audits performed in selected processes of SOSR. The audits examined the system harmonization with requirements of the standard ISO 9001:2008 aimed at fulfillment of strategic objectives of the Office and related action programmes. Proposals for improvements resulting from the internal audits and also from other sources of improvements were included in the sixth **Report on evaluation of the quality management system of SOSR**.

The **supervisory audit** performed by the classification society **Bureau Veritas Certification** confirmed also a harmonization of the implemented quality management system with the requirements of the ISO 9001:2008 in October 2011. The successful audit confirmed that the quality management system of SOSR creates appropriate conditions to improvement of the quality of products and services provided to users and to development of the Office towards higher efficiency.



What the last year brought in methodology

A decrease of response burden in terms of respondent and also of producer is not only the strategic priority of SOSR to 2012 but also the ambition of the whole European Statistical System. Together with a decrease of cost on statistical surveys, it is necessary to provide and assess consistently the quality of statistical outputs. It means an introduction of new approaches and procedures to processes of statistical processing that allow decreasing a periodicity of surveying some indicators or some indicators will be excluded from a survey and allow replacing them by modelling in order to keep the quality of statistical outputs or even to increase this quality.

Important tool of increasing the quality of statistical outputs under parallel decreasing costs and response burden is usage of already existing administrative data sources. An example of their effective usage is the new form of processing of the survey ROČ 3-01 for the reference period 2010, which was realized by data integration from different sources for the first time. The result of new processing is a complete database of micro-data for the whole group of the self-employed. It is necessary to

underline that realization of this processing did not mean any additional costs of SOSR.

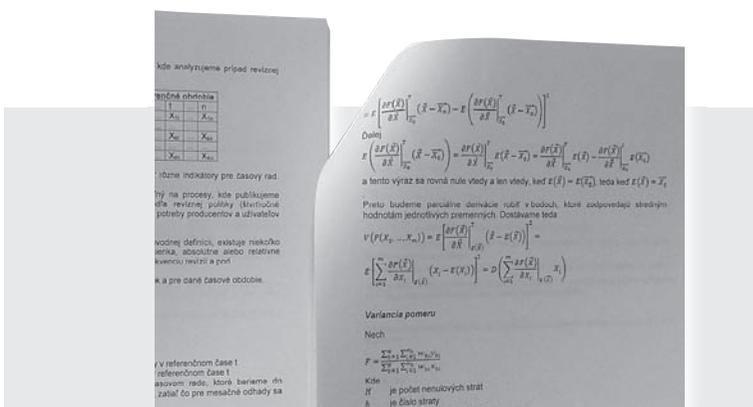
The possibility of introduction of modelling and prognosticating of time series by ARIMAX models to the process of statistical processing was successfully tested within an optimization of the short-term reporting system in cooperation with INFOSAT. Selected time series from the survey P13-04 – Quarterly survey of production branches in small enterprises will be in the process of statistical processing modelled and then their development will be prognosticated in order to adjust results on the base of annual data. The proposed methodology was verified first in historical data and based on results a procedure for practise was suggested.

The significant task was also cooperation on development of statistical information system in the field of implementation of modern mathematical and statistical methods to the proposal process and mostly to processing of statistical survey, in the field of quality evaluation of statistical outputs and in the field of statistical confidential data protection.

Classification and registers

Activities realized during 2011 were focused on the development of statistical classifications and codes and on providing their harmonization with the European and international norms and standards.

After finishing the implementation of the international standard classification of occupations ISCO-08 to the statistical information



system, the process of development of the national version of this classification started in order to use it effectively not only for statistical purposes but also for purposes of domestic services of employment and services aimed at clients. The result of the process is the national statistical classification of occupations SK ISCO-8 issued by the Decree of SOSR No. 516/2011 in the Collection of the Act of the SR on 13th December 2011.

The Decree of SOSR No. 114/2011 Coll. issuing the statistical classification of the fields of study was prepared in cooperation with the Ministry of Education, Science, Research and Sport of the SR. The annex of the decree includes a converter to international level of education according to the international classification of education ISCED 1997.

In 2011, the methodological assistance was continuously provided to the Ministry of Labour, Social Affairs and Family of the SR in order to apply the classification of occupations within the project of Integrated System of Type Positions and to the Ministry of Finance of the SR in order to coordinate application of the economic classifications SK NACE Rev.2 and CPA 2008 for tax purposes.



Priority of the statistical registers was to standardize processes relating to exchange, consolidation and integration of data on groups of enterprises in the EuroGroups Register of enterprises (EGR), administrator of which is Eurostat.

In March 2011, activities on production of EGR population for 2009 were finished, there were integrated together 3 368 enterprises with the seat in the territory of the SR within 8 185 global groups of enterprises. SOSR started to realize another cycle of data exchange relating to EGR production for 2010 in July 2011.

To monitor progress of activities included in the EU Strategy 2020, indicators on rapidly growing innovative enterprises in the SR for 2007-2010 were provided to the European Commission in September 2011.

Calculation of required indicators was realized by the common methodology of EUROSTAT and OECD from data registered in the statistical organization register and in other administrative sources. Because of very short data delivery of required indicators, new methods of imputation of data on number of employees in small enterprises based on administrative data provided for this purpose in special amount from the tax information system were applied in order to calculate them.



Production of cost-optimal database

Harmonized, integrated and cost-optimal database meeting the requirements of statistical departments on data required on production of statistical products for internal and external customers is the objective of the process that is managed by newly established section, i.e Database Coordination Section, from 2011. The Section applies principles of cooperation with interested departments in database preparation in order to increase the data quality and consistency aimed at decreasing administrative response burden and costs of the Office. The Section sets methods of database production, processes the Programme of State Statistical Surveys and provides issuing of it by the form of legislative regulation, coordinates preparation of statistical forms, metadata and data processing from technical and also organizational point of view and decides on releasing data to internal customers. It coordinates retrieval and usage of administrative data sources (ADS), communicates with administrators of ADS and prepares proposals of data providing contracts. It organizes realization of methodological and instructing visits of significant reporting units, provides consultancies in the field of database production, re-evaluate applied methods in terms of decreasing response burden and costs of statistical surveys.

A decrease of response burden in terms of both, respondent and producer is the strategic priority of SOSR to 2012. Burden measuring is based on data acquisition on time needed for statistical questionnaire completion and on evaluation of number of items (by multiplying the number of items of individual questionnaires by periodicity of surveys and by number of reporting units).

The response burden by number of items (NI) decreased year-on-year (2010 to 2009) by 15,50 % and compared with 2008 it was down by 34,33 %, it means that the objective to decrease response burden to 2012 by 25 % was met already in 2010. The number of items in questionnaires decreased also year-on-year (2010 to 2009), i.e. by 3,74 % and compared with 2008, there was a 24,46 % fall.

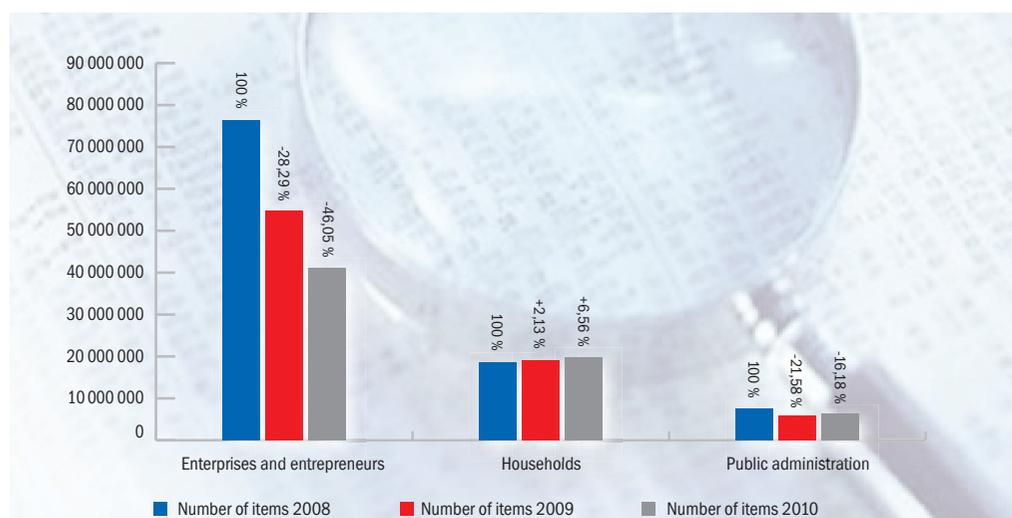
Statistical surveys were evaluated by 3 circles of reporting units: enterprises and entrepreneurs, households and public administration. In 2010, the most significant decrease of NI was again in statistics on enterprises and entrepreneurs. This burden decreased year-on-year (2010 to 2009) by 24,76 %, compared with 2008 there is a 46,05 % decrease. NI of public administration increased year-on-year by 6,90 %, compared with 2008 there is recorded a 16,18 % decrease. NI of households increased slightly year-on-year by 4,34 %, compared with 2008 by 6,56 %. This increase reacts mostly on increasing requirements to measure objectives of sustainable development strategies.

All factors identified in order to meet the action programme of SOSR strategy affected a decrease of NI: reduction of number of items in questionnaires, periodicity modification of reporting of some modules and re-evaluation of criterion for sample surveys having an option to use mathematical and statistical methods on data estimation.

Regularly repeated surveys and respondents such as enterprises and entrepreneurs were examined in order to evaluate data on burden of respondents from their point of view, but the main input data was the questionnaire



Number of items of enterprises and entrepreneurs, population and public administration



completion time. In case of 54 surveys included into the evaluation, the questionnaire completion time increased, in one case did not change and in 38 cases decreased. The average questionnaire completion time calculated as a sum of average times in minutes for all evaluated questionnaire decreased between 2008 and 2010 by 13,7 %. Connections relating mostly to decrease of the number of items in questionnaires were searched in the data evaluation. It showed that in most cases there is a direct influence on time needed by reporting units to complete a questionnaire. Because the range of a questionnaire is only one of the factors influencing the length of questionnaire completion, SOSR will also continue dealing with other relevant aspects. Currently, it relates to the continuing national project *Electronic services of SOSR*, i.e. im-

provement of a design of statistical questionnaire and usage of new components making easier completion of paper questionnaire and increasing a comfort of electronic data providing.

Analysis of costs on statistical surveys (importance on collection and processing) showed that costs on statistical surveys are decreasing year-on-year. The share of costs on statistical surveys in total costs on activities between 2006 and 2010 decreased from 59,2 % to 54,1 %.

Harmonization of national statistics within the European statistical system was conducted by transposing the legal acts of the European Community and EU also in 2011. In 2011 based on these facts SOSR released the decree issuing the Program of State Statistical Surveys

on 2012-2014. Two new one-shot European surveys conducted by SOSR were included in the program of surveys: SASU 1-01 Survey on safety and criminality and GVC 1-01 One-shot survey on global production of value.

Attention was put mostly on continuing process of optimization of the reporting system in preparation of the Program of State Statistical Survey. It was presented in such way that surveys conducted with more-year periodicity: two-year, three-year and five-year were included in new three-year program. SOSR will realized eight surveys with more-year periodicity, ministries and state organizations realize two such surveys.

SOSR has dealt more intensively with reporting system optimization since 2008. Files of reporting units in sample surveys were optimized and possibilities of usage of administrative sources were analysed. Compared with the previous three-year period, a definition of reporting units is modified in characteristics of surveys in the *Program of State Statistical Surveys on 2012-2014*. In these activities, significant task plays the application of math-

ematical and statistical methods in production of statistical samples, data processing, data modelling and integration from different sources. Data on non-surveyed groups of entrepreneurs acquired from administrative sources and on the base of statistical models will be in compliance with the European-wide trend.



Macro-economic statistics

National accounts comprise a compatible accounting framework for systematic and detailed description of the economy as well as individual sectors and subsectors, where all grades of economic process (production, creation and division of incomes, their usage, accumulation and financial transactions) are collected. They are compiled by the methodology *European System of National and Regional Accounts 1995 – ESA 95*. The development of the national account system in compliance with new regulation and directives of EU is one of the main objectives of the macro-economic statistics.

In 2011, final annual sector accounts for 2008, preliminary ones for 2009 and estimation of 2010 based on new and adjusted data were compiled. Except standard adjustments because of acquiring new information, SOSR focused on adjustment of calculation of wages in the public administration sector, but this change influenced years 2006-2009. Based on compiled annual data of national accounts, quarterly data of national accounts were also revised in November 2011.

In 2011, in compliance with the Regulation of the Commission (EU) No. 715/2010, great attention was paid on works relating to transformation of annual and quarterly data of national accounts to new classification of NACE Rev. 2 and CPA 2008. This transformed data were delivered gradually by deadlines of transmission programme in time series 2000-2010 at current prices, at constant prices of the previous year and by chaining of volume indices to the reference year 2005 to EUROSTAT during 2011.

Flash GDP and employment estimate was provided regularly within 45 days after ending the reference quarter. Quarterly data of national accounts were compiled by the Office fully in compliance with the ESA 95 transmission programme and were regularly released within 65 days after ending the reference period. Data of quarterly national accounts are seasonally adjusted in accordance with regulations and directions of EU. Data for the 1st quarter of 2012 were released and sent.

In 2011, SOSR calculated the compensation for small companies exempted from VAT for purposes of own sources flowing from VAT relied on the methodology prepared by EUROSTAT and in compliance with the requirement of the Ministry of Finance of the SR.

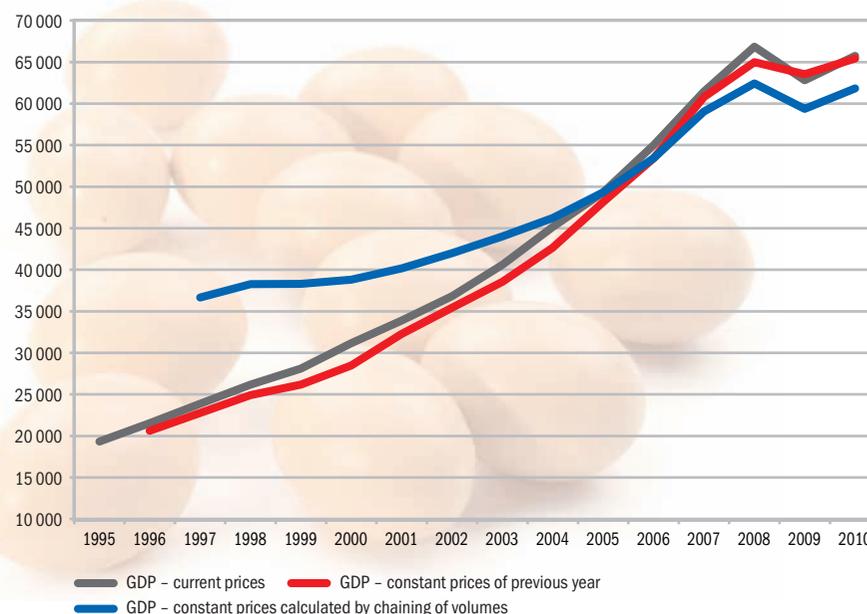
In the 1st quarter of 2011, EUROSTAT carried out a dialog mission to problems of *Procedures of excessive deficit and debt* in Slovakia and also a control mission to problems of VAT statements. New statistical tasks required increased attention resulted from the missions.

In the 3rd quarter of 2011, EUROSTAT approved the long-term grant project on topic *Methodological and technical improvement of national accounts*, where SOSR cooperating with INFOSTAT will deal with project tasks aimed at quality improvement of annual and quarterly national accounts, shortening the deadlines of flash estimate of quarterly GDP, first estimates of key regional indicators and preparations of documents for calculation of pension obligations. Grant project activities have started in December 2011 and their completing is assumed on June 2014.

Current annual data of GDP development in time series 1995 - 2010 in mil. Eur

Note:

- current prices calculated by chaining volumes with use of reference year 2005
- data in graph for 20008 and 2009 are half-final data and data for 2010 are preliminary



Preparation of new regulation to the revised system of ESA, which should entered into force in 2014 and in which SOSR actively participates by own experts required a special importance. Legislative action on the level of the EU Council working group has continued during the whole year 2011 and will continue also in 2012.

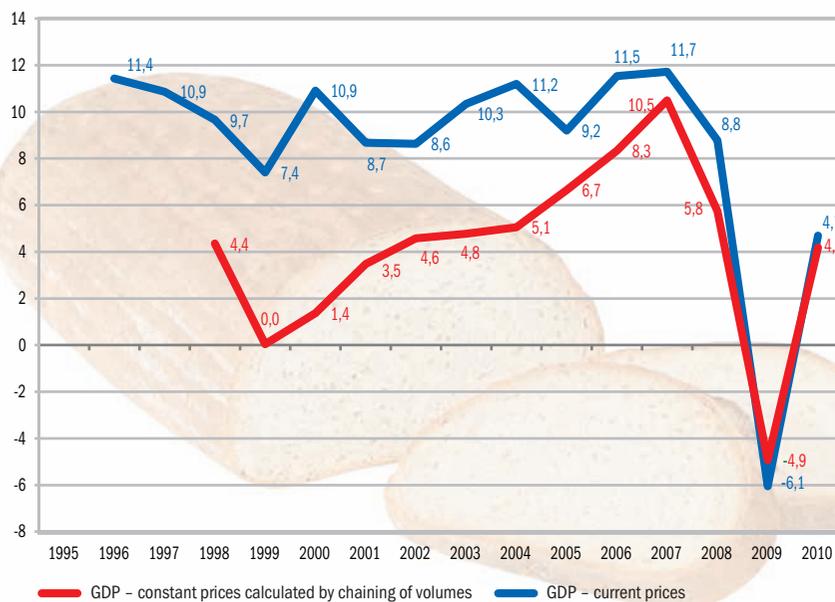
In 2011, **price statistics** realized weight scheme revision of calculation of industrial producer price index and was realized especial survey relating to the preparation of weight scheme revision of calculation of construction work price index. The grant project of EUROSTAT relating to calculation of real estate price indices and price indices of

goods and services relating to owner-occupied housing was successfully finished. SOSR also continued sending the *Harmonised index of consumer prices (HICP)* with constant taxes to EUROSTAT in monthly periodicity. The consumer price pilot survey of selected goods and services was conducted in order to harmonize methodology of the consumer price survey for calculation of HICP and for the *European Comparison Program* in June 2011.

The activities of the EUROSTAT grant project relating to purchasing power parity *PPP - Production of Purchasing Power Parity Data by Member States* (GP 01-10) were realized by increased effort. All activities required by



GDP - year-on-year development increases (CPLY index - 100) in %



Note:

- CPLY - corresponding period last year
- constant prices calculated by chaining of volumes with use of reference year 2005

EUROSTAT were realized in the section of preparation of documents for compilation of the purchasing power parities. The most significant can be mentioned: calculation of GDP weights (volumes and prices) for purchasing power parity (PPP), price surveys of selected comparable goods, services, construction projects and investment units, surveys on wages in state administration and surveys of rental prices.

In 2011, data of the **external trade statistics** and their updating as well as indices of import and export prices were provided in compliance with required deadlines in monthly periodicity.

Initiatives of EUROSTAT leading to simplifying the INTRASTAT system continued. Therefore the External Trade Statistics Department dealt with analyses and impacts of proposed simplifications in data of the external trade statistics provided by the most important customers both at the Office and also in individual departments out of SOSR. Initiatives of EUROSTAT also continue, but their final result will not have an influence on the range of collected and provided data over the next period.

In 2011, data quality, implementation of amended legislation and recommendations of EUROSTAT and also cooperation with reporting units were of great importance, it re-

sulted in many activities. Comparisons of external trade data for 2009-2010 were realized in cooperation with the Czech Statistical Office, cooperation with register of aeroplanes started, methodology of data sending and processing from centralized declaring of process of active subtilizing regimes was solved. Codes and also handbook for reporting units were updated in accordance with the effective legislation. In order to increase information of reporting units on the INTRASTAT system, 5 workshops with 80 participants was provided during the year. Workshops excepting the basic information on the INRASTAT system presented an overview on newest legislative changes, but mostly gave responses to specific tasks of participants.

Meetings with reporting units that had problems with quality and timeliness of data were realized and individual consultations were provided continuously by phone and electronically.

According to EUROSTAT decisions on INTRASTAT simplification, other analyses of possible impacts on data provided quality will be

firstly realized over the next period. SOSR plans continuing in working meetings with key reporting units, where are problems with regular data providing on time and in organizing workshops for reporting units. This form of providing information on the INTRASTAT system is the most requested.



Business statistics

The Business Statistics Section also aimed at development of individual statistics in compliance with new regulations and directives of EU in the last calendar year.

The centre of activities in business **short-term statistics** was aimed at meeting the deadlines of the first data transmission, i.e. one of the priorities of EUROSTAT and the European Central Bank. SOSR was included in the first category of member countries with the best level of compatibility in the comprehensive evaluation of compatibility in accord with the regulation on short-term statistics. Two questionnaires on method of compilation of building permit indicator and industrial import prices were prepared within the action plan of the quality of short-term statistics. The Office took part actively in a discussion on proposal of package of changes for the field of short-term statistics in the phase of new conception preparation of legal framework to business statistics.

The annual **structural statistics** compiled sets of the final indicators for 2009 and transmitted them on time. The procedure proposed in the project MEETS (Modernisation of European Enterprise and Trade Statistics) aimed at usage of administrative data sources in annual business statements was used in order to process sets of preliminary results for 2010 for the first time. Data on tradesmen were included also in output sets. Also in this area, SOSR was included in the first category of member states with the best level of compatibility with the regulation on structural statistics. The project aimed at realization of one-shoot survey on **access of enterprises to finances** was finished. Datasets for 2009 on

domestic foreign affiliates were compiled and transmitted in structure of new classification of SK NACE Rev.2 and datasets on **non-domestic foreign affiliates** were compiled and transmitted according to the old structure of NACE in compliance with European regulations. New structured reports on quality were prepared for both areas.

Business statistics continued realizing tasks focused on implementation of the European legislation, increasing the quality of input and outputs of the statistical system and extension of data availability in databases of SOSR and international institutions in the last calendar year. Effort to decrease administrative demandingness and response burden continued. Extent of surveyed indicators in short-term periodicity was again re-evaluated and some indicators with lower possibility of usage were excluded or moved to the surveys with annual periodicity. International activities were focused on the realization of project activities aimed at increasing the harmonization of statistical surveys and improving the processing including used tools in cooperation with EUROSTAT and the European Commission.

Activities of the statistics of **industry** were focused on data analysis aimed at comparability and characterising of mutual relations of the development between short-term indicators in the last calendar year. Based on requirement of EUROSTAT resulting from the working group, employees of the department of industrial statistics started dealing with a problem of realization of industrial production index calculation on the base of chain indices. This task will also continue in the next pe-

riod, while EUROSTAT plan to organize solving the task by working groups during 2012 as well. Considering the fact that starting January 2013, a transition to new basic period for industrial production index calculation will be prepared in terms of product representatives or set up new weights for 2010, preparation works have begun at the end of 2011. Activities of re-calculation of time series aimed at the subsequent analysis of re-calculated data to new basic year 2010 will continue.

Priorities of **agricultural statistics** were mostly providing the collection and processing of *Farm Structure Census 2010* (FSC) that is realized in 10-year intervals. This survey is a part of the European-wide project of the agricultural statistics managed by the Statistical Office of EU - EUROSTAT. The Farm Structure Census realization was very demanding. In the survey, there were addressed farms producing agricultural products, without exception whether it related to market production or to production for self-supply. The file of addressed units had to represent the SR so that it contained 98 % of used agricultural area and 98 % of the total number

of livestock units. 22 420 households and 1 639 registered units with the economic activity in agriculture were included in the survey. Registered units were addressed mostly by post and data collection in household was conducted by 1 015 interviewers. FSC was especially aimed at surveying basic indicators, e.g. structure of used agricultural land, livestock, labour forces on farms, but also at surveying of specific indicators required for evaluation of an influence of agriculture on environment and country. In November 2011, SOSR released preliminary data presenting basic information on agriculture in the Slovak Republic on the website. Comprehensive data will be published after finishing the process of validation by EUROSTAT.

Main attention in business statistics of **construction, housing, trade and services** was paid to optimization of processing and extension of data base of released data within the statistical information system of SOSR and for international organizations. Relevant indicators were transmitted to EUROSTAT in monthly periodicity in required deadlines, extent and quality and in compliance with



the requirements of the regulation on short-term statistics. To improve the satisfaction of needs of internal and also external customers, a field of regularly released data on the SOSR's website was extended. Great attention was paid further to improvement of methodology of inputs and outputs of the information system including searching possibilities of broader usage of administrative sources. Methodological problems of reporting of surveyed indicators and also problems of statistical data collection and processing were solved directly by consultations with reporting units or in cooperation with responsible employees of regional workplaces of SOSR.

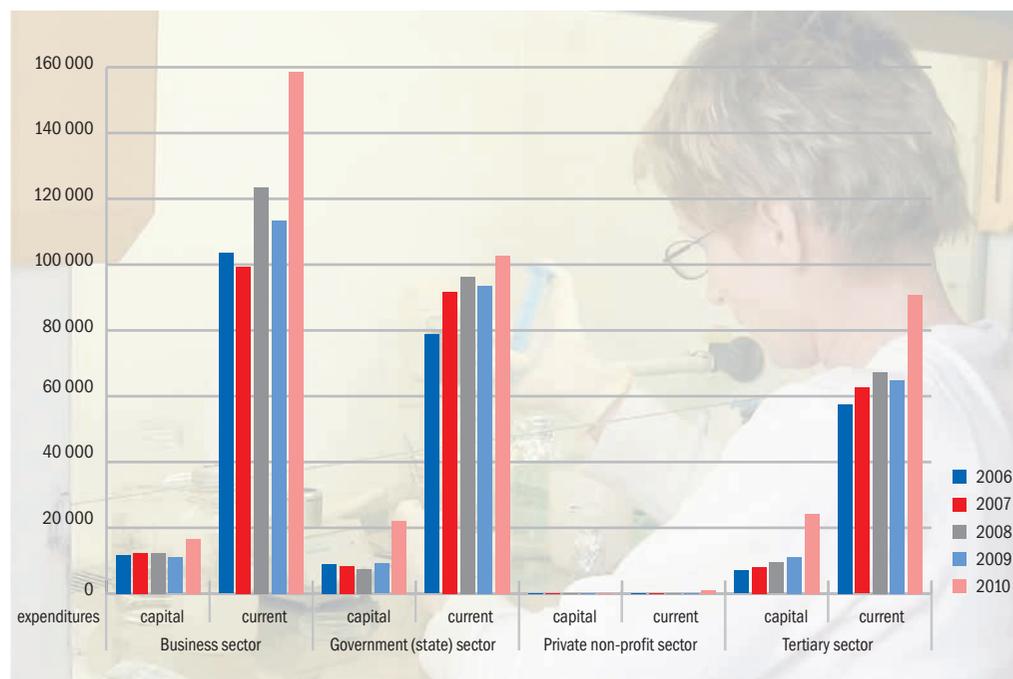
Two international projects, which were a part of the common harmonized program of the business and consumer surveys of EU, were realized in the business surveys. The main pri-

ority of the **business surveys** was implementation of the SK NACE Rev. 2 classification in publication system, verification and updating of all available databases of time series of indicators by individual sectors and months, in the structure of harmonized classification of economic activities. The main activities of the **consumer barometer** were aimed at data acquisition on mood, expectations and investment plans of inhabitants of Slovakia in the age group 16 and over. Processed information on required indicators of the business surveys for the branch of industry, construction, retail trade, services, investment in industry and consumer barometer were regularly monthly delivered to the European Commission in accord with the timetables and were used on construction of confidence indicators in individual branches and on production of synthetic composite indicators, economic sen-

Dwelling construction



Research and development expenditures by sectors realizing research and development (in thous. Eur)



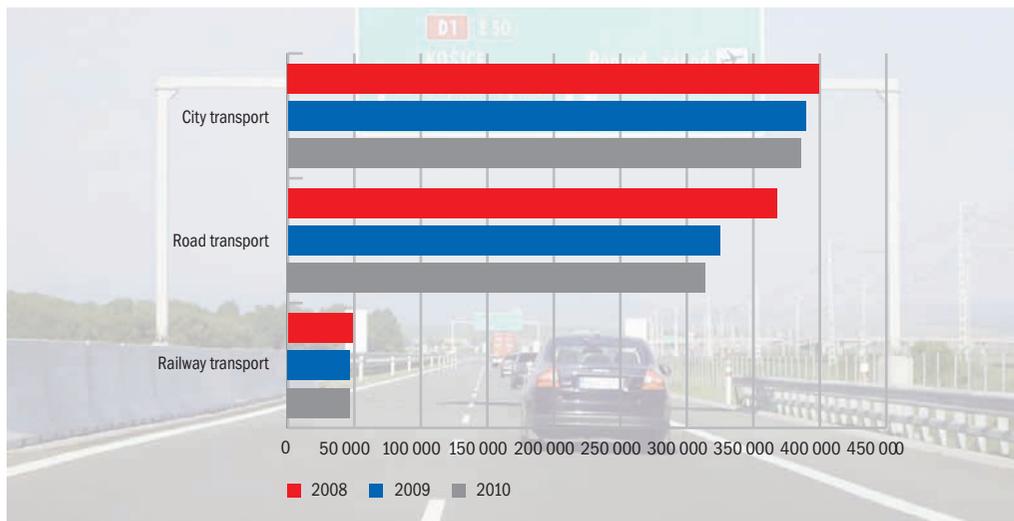
timement indicator (ESI) on national and also international level.

Development tasks aimed at updating balance tools and software products, broader usage of model solutions and mathematical and statistical methods to short-term prognosticating and prediction of next development were performed in **cooperation with research** area in business statistics. INFOSTAT as a scientific and research workplace of SOSR used processed results of business surveys to realization of quarterly flash estimate of gross domestic product (GDP). In 2011, regarding the research and development tasks, INFOSTAT aimed at broader usage of data

base capacity acquired by processing of data from monthly business surveys in business statistics, result of which is an experimental construction of leading indicator on potential turning points in the development of the Slovak economy.

In the field of statistics of **science, technology and innovations**, the Office took part in activities of EUROSTAT and OECD in order to increase the quality and international data comparability in compliance with international methodological manuals and standards. From these activities, there was paid attention to further improvement of methodological procedures and surveyed data on research

Transport of passengers in thous.



and development, mostly in the tertiary sector in case of indicator of expenditures on research and development. Representatives of SOSR actively participated in meeting of the working group of national experts on indicators of science and technology NESTI in OECD and in meetings of the working group of statistics of science, technology and innovations in EUROSTAT and provided completing of all monothematic, regular, methodological and also wide-ranging data questionnaires for these institutions. Quality reports of statistics of research and development were prepared by standard criterion of quality evaluation for individual sectors providing research and development by usage of EUROSTAT electronic tool. Published information for research and development was extended by classifications of high-tech sectors of industry and services on the Office's website. Statistics of innova-

tions realized a wide-ranging survey on innovations by united questionnaire of EU supplemented by new types of indicators on usage of knowledge and skills.

In **energy** statistics, the Office prepared quality reports on survey to EUROSTAT for the first time; it was beyond the scope of providing regular surveys and tasks according to the Regulation of EP and of the Council (EC) No. 1099/2008 of 28th October 2008 on energy statistics.

Increased attention was paid to quality of surveyed data in the field of **transport, information, communication and information society**. All surveys were realized in relevant areas in compliance with the regulations of EU including data transmissions to EUROSTAT databases, International Transport Forum,

UNECE, the Danube Commission, the Rhine Commission and World Bank.

The Office participated in the survey on usage of information and communication technologies in enterprises and households organized by EUROSTAT in the field of **information society**. Datasets, analytical reports and quality reports were prepared from relevant surveys by requirements of EUROSTAT. Results of all surveys were provided to broad public within the publication system of the statistical office.

Statistics of environment was aimed mostly at implementation of the Regulation of EP and of the Council (EU) No. 691/2011 of 6th July 2011 on the European environmental economic accounts. The system of data acquisition and processing to the account of material flows was introduced and completed questionnaire to this account was delivered to EUROSTAT. Development of other two accounts included in this regulation, i.e. account of emissions to atmosphere and account of taxes relating to environment were of great importance. In the last calendar year, the Office took part in realization of the grant project, the main objective of which was introduction of statistics of countryside development within SOSR. The grant result was compilation and delivery of data and metadata for indicators of countryside development proposed by EUROSTAT.

Cooperation with international organizations

Business statistics within the twinning project provided four-day professional consultations for Tajikistan experts relating to presentation

of regional phase of monthly data processing and procedure of calculation of industrial production index on data for industrial activities of Tajikistan in cooperation with the workplace in Banská Bystrica at SOSR in February 2011. In April, the final two-week mission was held in the Statistical Agency of Tajikistan in Dushanbe. The subject of the mission was analysis of experimental results of industrial production indices of Tajikistan and training aimed at work with application of the Slovak procedure of calculation of indices.

In the second half of the year, employees of the Industry Statistics Department provided their knowledge from the field of industrial statistics to a trainee from Bosnia and Herzegovina within the grant project of EUROSTAT.

Exchange of knowledge between statisticians of the neighbouring countries continued as well. Group of science and research statistics organized a workshop to current and development tasks of science and research statistics at SOSR in October 2011. The workshop with representatives of the Czech Republic, Hungary, Austria and Slovenia was assessed positively by participants.

In tourism statistics, SOSR took part in the project of the ESSnet group, aim of which is to examine the possibility of implementation of electronic data collection in form of XML directly from managerial information systems of accommodation facilities.



Social statistics and Demographic Research Centre

The most important activity of the international cooperation was a collaboration on preparation of the European legislation (preparation of the Regulation of EP and of the Council (EC)), or its implementation relating to providing demographic data and realization of sample survey in household on incomes and living conditions, EU SILC, and also regular surveys realized on the base of effective regulations of EU (e.g. ESSPROS).

Standard monitoring of the development of the population number and structure continued in **demographic statistics**. Information about the population development was provided and presented to users; possibilities of data acquisition from administrative sources were verified.

Information required by the European legislation obtained from administrative sources was methodically harmonized to develop the system of **migration statistics** and we participated in creation of *Migration policy action plan of the SR*.

In 2011, SOSR realized one of the most significant statistical actions, **Population and Hous-**

ing Census 2011. The census was realized in compliance with the Act No. 263/2008 Coll. on population and housing census in 2011 and was fully harmonized with the Regulation of EP and of the Council (EC) No. 763/2008 on census. Except SOSR, municipal self-government and other bodies of state administration were involved in the realization of the census. The census was conducted by traditional form as a general-purpose statistical survey; new forms of territorial preparation were used by its preparation and it was possible to use also electronic form of census for the first time. SOSR provided coordination of involved subjects to prepare census, provided fully its territorial preparation, processed methodology and defined the content of surveyed data. The Office conducted organizational and legislative conditions to the census realization, provided printing and distribution of counting form and collection and recording of census data surveyed.

Household accounts realized a collection of data on income and expenditures of private households in 2011. Data are used to creation of social policy of the SR's government and



to analyses of living conditions of households. Depersonalized microdata of 2010 were provided to external customers. Data of the survey *Family accounts 2010* were processed to the publication of *Incomes, Expenditures and Consumption of Private Households of the SR 2010*.

The next wave of the **survey on incomes and living conditions of households** (EU SILC 2011) was realized in the previous year, the survey is conducted on the base of international harmonized methodology of EUROSTAT. Processed micro data and indicators were delivered to EUROSTAT. Depersonalized microdata were provided also to external customers only for scientific and research purposes. Data of the EU SILC survey were processed in two publications: *EU SILC 2010 – Survey on Incomes and Living Conditions of Households in the SR* and *EU SILC 2010 – Indicators of Poverty and Social Exclusion*.

Labour statistics collected, processed and provided quarterly and annual information on development of the employment, short-term labour migration, job vacancies, unemployment and economic inactivity. **Labour Force**

Sample Survey was supplemented by an additional module focused on the employment of persons with long-term health problem in the 2nd quarter. It came to field phase modernization of data collection in this survey. Standard obtaining of the information in households via paper questionnaires was supplemented by electronic questionnaires installed in portable equipment of computer technology (CAPI). Transition to combined method of data collection will allow harmonizing processes on input of the survey with the European trends in social statistics. Introduction of CAPI is a part of the national action plan in order to increase quality of this survey.

Wage statistics continued providing information on development of nominal and real wages needed also for calculation of other indicators in social area. Basic quarterly information on wage development in economy of the SR was supplemented by detailed data on wage components, net wage, median wage and by distribution of employees by wage categories in annual basis. Data on differences in remuneration by gender, age, education, occupation and workload had also high information value.



Acquired data on all components of labour costs paid off in enterprises completed the total picture on expenditures of employers in connection with employment of labour forces.

The most significant task of **social statistics** was to finish processing of the first European survey on health (EHIS 2009), to publish comprehensive publication on its results and also preparation and delivery of depersonalised database of data.

Data collection was realized within the statistical survey on continuing vocational training survey in enterprises (CVTS4) and also sample survey of households on education of adults (AES) was conducted.

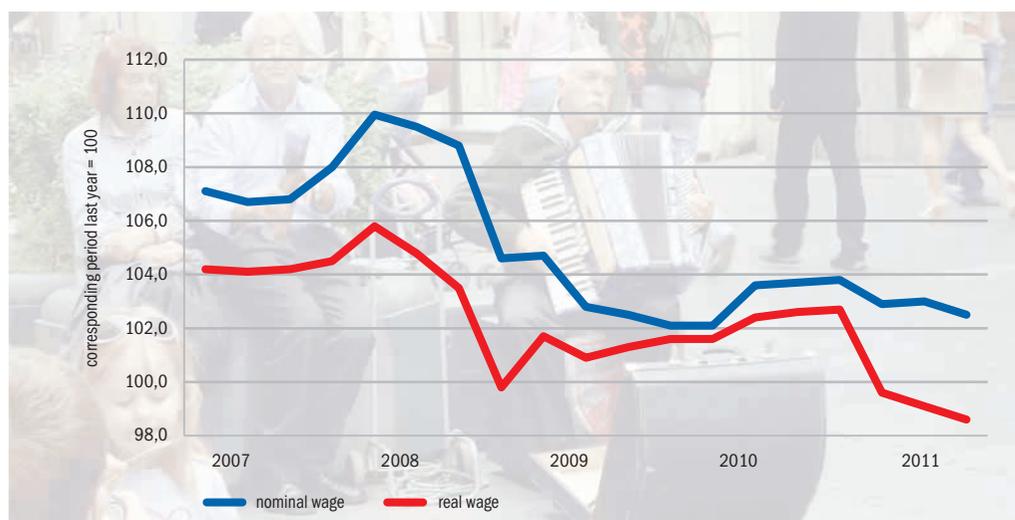
SOSR provided statistical information on non-financial data on health care within the regu-

lar common data collection of OECD, WHO and EUROSTAT to EUROSTAT and also to possible national users, data on accidents at work by the *methodology of the European Statistics of Accidents at Works* (ESAW) and data on occupational diseases on the base of the *methodology of the European Occupational Diseases Statistics* (EODS) for 2009.

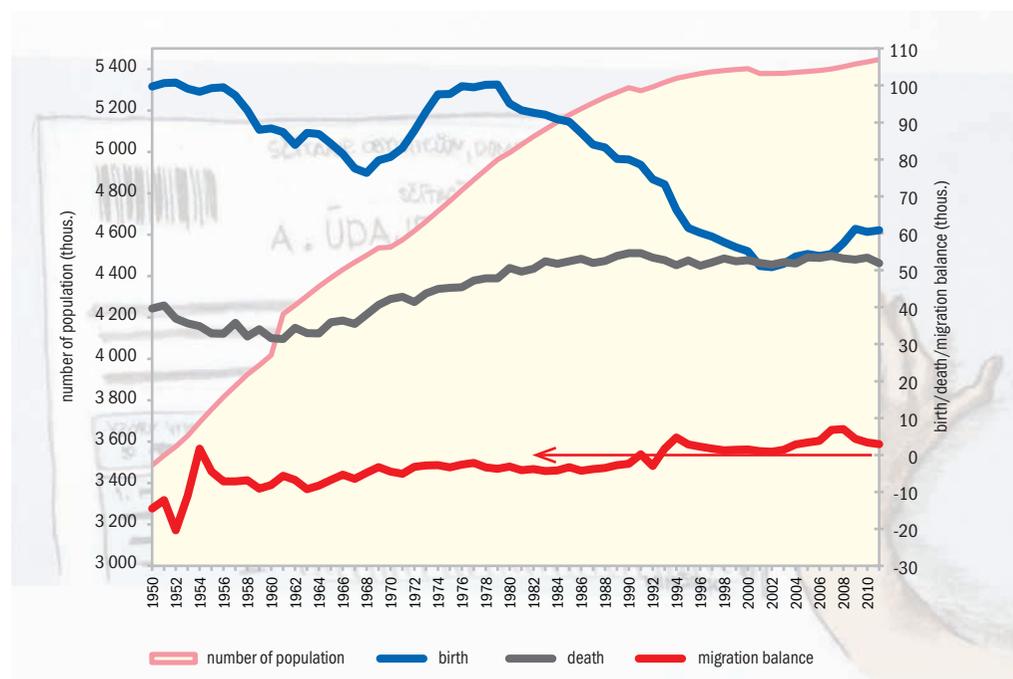
Providing of quantitative and qualitative data on social protection for 2009 were realized in compliance with the legislation and methodology of ESSPROS and providing of qualitative and quantitative data on active and passive policy of labour market for 2009 were realized in compliance with the methodology of database of labour market politics.

Data on statistics of social protection, education, culture, crime, disability to work for

Growth indices of average monthly wage in the SR from the 1st quarter of 2005



Development characteristics of the number of population of the SR, 1950 - 2011



disease or accident, non-profit associations, compulsory social insurance and statistical data on health were provided systematically to relevant state institutions, international organizations and to public database. SOSR provided statistical information on financial and non-financial data in health, data on occupational diseases, accidents at work and crime for 2009 to EUROSTAT.

Demographic Research Centre

Demographic Research Centre (DRC) dealt with 5 planned tasks based on the contract with SOSR in 2011. All these tasks were fulfilled in close cooperation with employees

of the Social and Demographic Statistics Section of SOSR. The result of DRC activity was 6 publications issued directly in INFOS-TAT. Four of them are analytical (*Categories of Residence in the SR, Analysis of deaths by social and economic status, Analysis of data on fathers of children born from extramarital affairs, Usage of administrative data for demographic statistics*) and two are methodologically-oriented (*Methodology on re-balances of selected demographic structures of population of the SR from PHC 2011 to 1.1.2011, Calculation of tables of divorce rate*). DRC also prepared documents for publication *Population Movement of the SR 2010* and documents for publishing the life tables to SOSR within planned tasks.



The task *Death causes* that was moved from 2010 to 2011 because of no-delivery of required assignment from EUROSTAT was completed during 2011. Control of meeting the tasks of DRC was realized quarterly. All planned tasks of DRC were met in required dates, range and quality. The task *Rebalances of data of PHC 2011 to 1.1.2011* was moved to 2012. Information on activity of DRC is published on the DRC's website www.infostat.sk/drc.

Additionally to planned tasks, employees of DRC were involved to deal with non-planned (current) tasks required by individual departments usually in the form of working documents, supporting documents, opinions and evaluations.

DRC continued developing the cooperation with domestic and non-domestic demographic institutions, very intensive was cooperation with the Faculty of Natural Sciences of UC. Employees of DRC participated in writing of eleven articles to professional periodicals and wrote many reviews. The participation in conferences included 6 active presentations abroad and 9 contributions in domestic conferences and workshops. DRC has a representa-

tion in editorial board of the periodical *Slovak Statistics and Demography*. All employees of DRC are involved in the pedagogical process, present demography at faculties and universities (Faculty of Natural Sciences of UC, Pedagogic Faculty of UC, Social and Economic Sciences of UC and Slovak Medical University). One employee finished doctorate study at Charles University in Prague.

DRC was co-organizer of the *13th Slovak Demographic Conference and Demographic Discussion Afternoons* (in cooperation with the Slovak Statistical and Demographical Society and with the Faculty of Natural Sciences of UC). Topics were aimed at current demographic problems.

Great attention was paid to communication on internet via own website as well as the website SLOVAKPOPIN, which is a result of cooperation with SOSR and which contains detailed demographic data.

The number of employees of DRC was decreased to five after one employee left to Demographic Institute in Wien.



Election statistics

In 2011, SOSR realized tasks relating to new election to bodies of municipal self-government (by-election to bodies of municipal (local) council and city council) at the election statistics department.

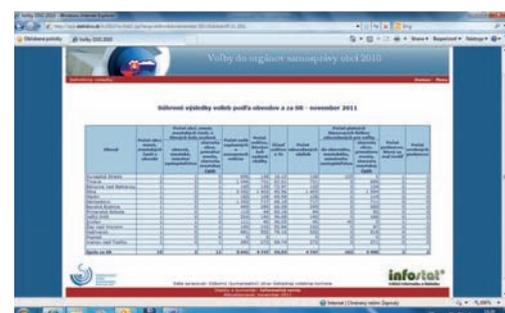
The first election was held on 12th March of 2011 in 21 municipalities. 17 expert (summarizing) departments for district election commissions and expert (summarizing) department for the Central Election Commission were created.

The second election was declared by the NC of the SR on 25th June 2011. SOSR realized processing of results in 19 municipalities. Municipalities delivered a report with results to 16 district election commissions.

Another processing of results of new election to bodies of municipal self-government was realized by SOSR on 5th November 2011 in 14 municipalities. SOSR created expert (summarizing) departments that processed results of election on own level for all district election commissions and also for the Central Election Commission. Results of election were

published in printing form and on the SOSR's website.

Employees of workplaces of SOSR from regional cities of the SR participated largely to meet all tasks at the election statistics department.



Cooperation with the Institute of Informatics and Statistics

The Institute of Informatics and Statistics (INFOSTAT) cooperates as usual with the Statistical Office to deal with research and development tasks of the national statistics yearly. The cooperation is based on the contract and annexes concluded by both organizations for a relevant year and it is aimed at the priority statistical activities of the Office.

In 2011 INFOSTAT dealt with 24 research and development tasks divided to 50 partial outputs focused mostly on:

- ▲ **innovation and development** – of consolidated data base and subsystems ZBER, REGIS and programme equipment for complex processing of price statistics of selected market services SMS, within the automated statistical information system (ASIS); programme equipment in BLAISE on 2012;
- ▲ **methodological solutions** – of support to application of dynamic regression of time series; satellite account in tourism; problems of analysis and modelling time series; usage of statistical data from short-term surveys; problems of business statistics; new method of survey of incomes and expenditures of private households in statistics of household accounts,
- ▲ **updating and development** – of APV and database of Urban and Municipal Statistics (UMS) and Urban Information System (UIS); software for VZCD, business surveys and balancing energy;
- ▲ **calculations and constructions** – balance differences and their solutions in TDP for 2007; compilation of KSD matrix for 2008-2009 by structure of COICOP and CPA2008; transformation matrices for compilation of indicators of NU in new classifications for individual institutional sectors; life tables;
- ▲ **analyses, studies and prognoses** – of pension funds; problems “quasi transit trade” in conditions of the Slovak Republic; balance differences and their solutions in TDP; short-term development of selected macro-economic indicators of the Slovak economy; structure of consumer basket of low-income households and households of no-working pensioners; GDP and employment estimates; categories of residence in the SR; death by social and economic status; birth by legitimacy.



The 2011 activity of INFOSTAT is completely documented in a special report available on the Office’s website www.statistics.sk, in part *About us/Key documents/Annual Reports*.

We serve our customers

SOSR continued realizing action programmes to meet strategic objectives in the field of providing services to customers. Activities aimed at satisfaction of needs and expectations of statistical users were realized as fully as possible based on the approved *Marketing Plan of SOSR for 2011*.

Attention was paid to meeting requirements defined in portfolio of products that the Statistical Office provided to domestic and foreign customers. Regarding domestic customers, there were especially legislative and executive bodies of the state administration, such as the National Bank of Slovakia, the Ministry of Finance of the SR, the Ministry of Labour, Social Affairs and Family of the SR and the Ministry of Economy of the SR. 160 datasets were provided to the Slovak institutions together in different periodicity. Obtained statistical information was used for management and decision making processes.

Meeting requirements of international and intergovernmental organizations was realized mostly for EUROSTAT, Organization for European Economic Cooperation and Development (OECD), United Nations Economic Commission for Europe (UNECE), Economic and Financial Affairs Committee of the European Commission (ECFIN), International Labour Organization (ILO), and International Energy Agency (IEA). 261 products in the form of different questionnaires, datasets and tables of all statistical domains were provided them in 2011, 80 % of them was delivered to EUROSTAT.

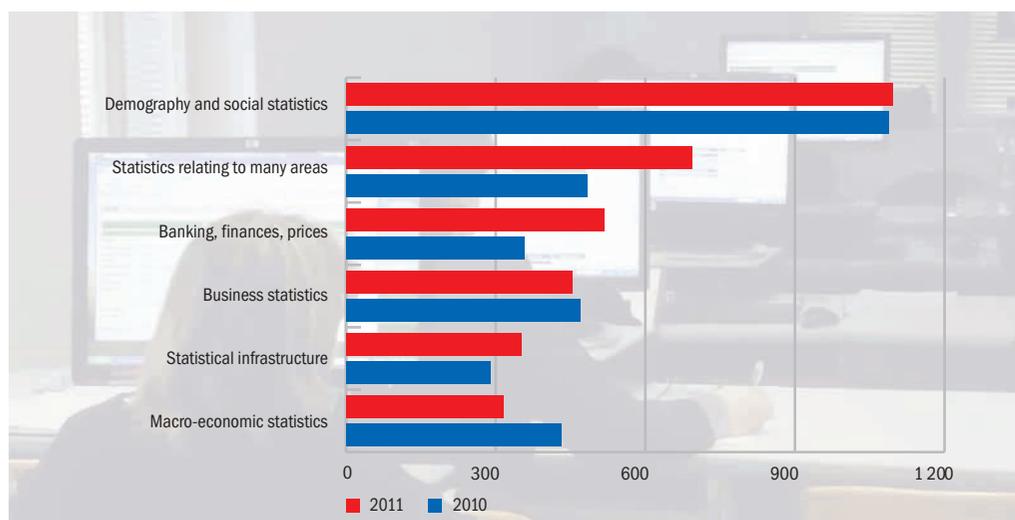
Marketing activities were aimed also at understanding and increasing of customer knowl-

edge in the field of statistics. Professional departments at headquarters and workplaces of SOSR in regions organized many working meetings, forums and personal discussions with key customers focused on discover their expectations, on support of better interpretation and usage of statistical products. SOSR realized 50 marketing activities for external users with participation of more than 2000 customers during the year. The most significant activity of the year was **Open Door Day** organized in order to increase public knowledge of the official statistics mission and tasks. This action gave a chance to interested persons to be acquainted with work and products of SOSR directly at the headquarters and in individual workplaces of SOSR in regions. Visitors could obtain information from different statistical fields, i.e. on production and organization of surveys, on dissemination of statistical information and also on retrievals from the Organization Register. They could try out work with on-line databases of SOSR and EUROSTAT, they could see new computer centre of SOSR. On the occasion of Open Door Day the Office issued presentation and information documents aimed at different statistical topics. All realized activities were a contribution to acquire feedback on needs and expectations of customers, but also an occasion to present work of statisticians and to explain its importance for society.

SOSR provided statistical information from different thematic areas via **information service**. In 2011, 6 899 requests together were met by the Office, of which 3 528 were met at the headquarters and 3 371 were met in workplaces in regions. 6 392 of the total number of requests were for domestic statistical users and



Number of met requests by topics



507 for external subjects, of which 95 % were met at headquarters of SOSR. Besides this, considerable number of requests was met by phone or by personal visit of a customer. The most requests were registered from students and teachers (32,9 %), from customers, such as enterprises, associations, fields (22,7 %) and from broad public (15,8 %) at headquarters of the Office during the year. The highest interest was in information on demography and social statistics (34 %).

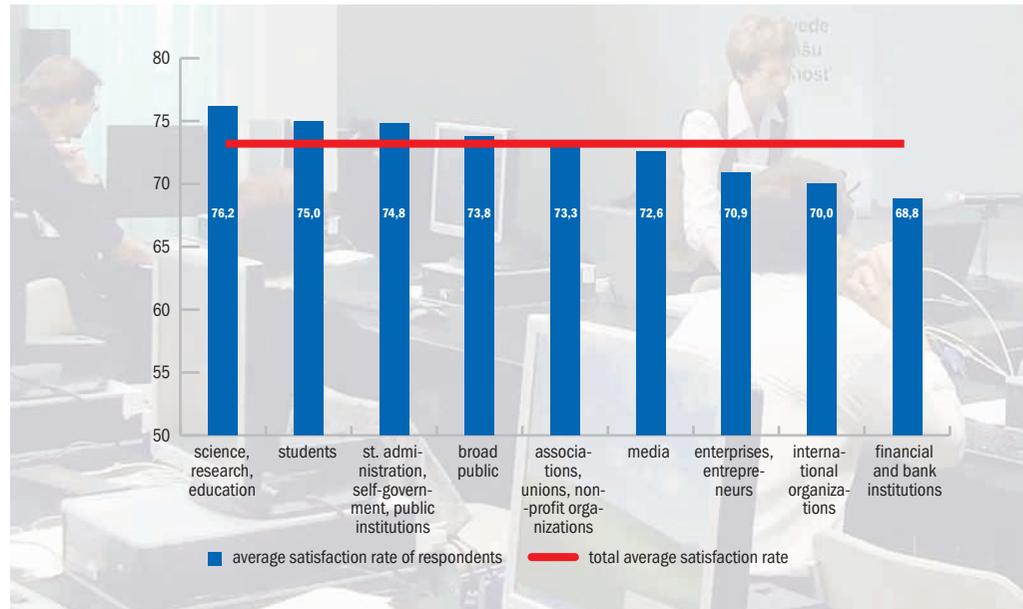
In the last year, public database **SLOVSTAT** available on the Office's website was intensively used by the professional and laic public. 10 114 registered users visited the database in total and 152 588 data extractions were realized from 901 tables. Users were interested mostly in indicators from statistical domains, such as labour market and wages, quarterly

national accounts, prices, demographic statistics and incomes, expenditures and consumption of households. The most extractions were made by students (almost one half) and by users from business, science and research sector (almost one quarter).

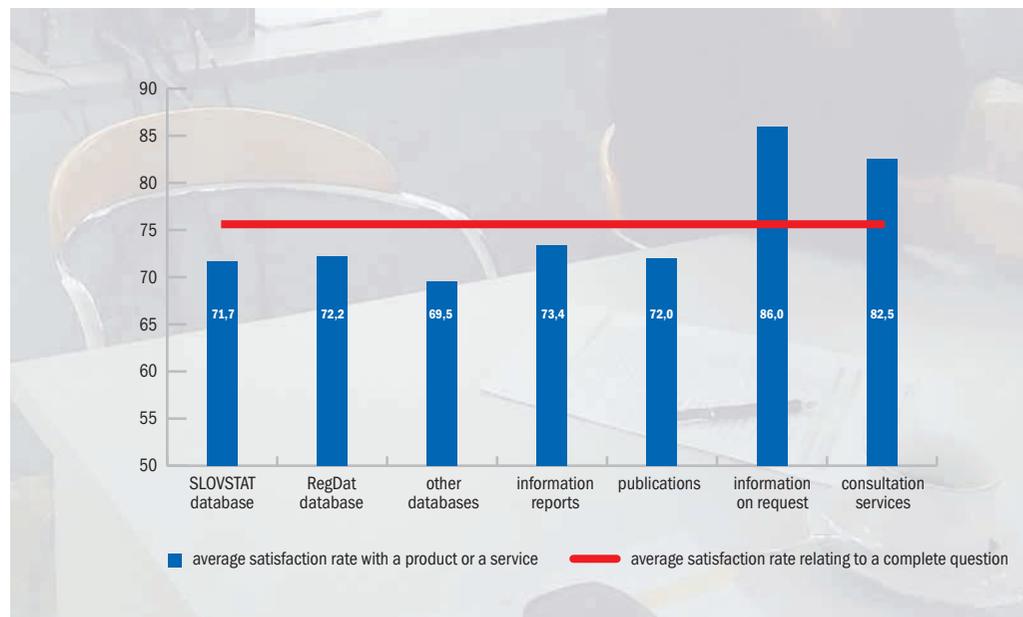
59 822 users visited the regional database **RegDat** last year, they realized 80 567 visits and 548 900 data extractions from 250 data matrices. Compared with the previous year, the number of extractions increased almost one third. Users were interested most in statistical regional data on demography, labour market and social statistics.

The Office realizes the **survey** focused on **surveying satisfaction of customers** with products and services of the Office with two-

Average satisfaction rate of respondents (in points)



Average satisfaction rate with products and information services of SOSR (in points)



year periodicity in accord with the *Development Strategy of SOSR to 2012*. In 2011, satisfaction survey was realized via on-line questionnaire. 1 558 questionnaires was included in statistical processing. The most numerous group of respondents was students (34 %) and representatives of state administration and self-government (almost 20 %). More than one half of respondents used statistical information for school and study documents. Respondents evaluated 36 items in five areas of questions, in which they have an opportunity to express satisfaction or dissatisfaction for example with concrete products, level of services, databases, availability and timeliness of searched information, understandability of methodological notes, level of website and products of statistical domains. The analysis of results showed that the total average satisfaction rate with statistical products and services of SOSR reached 74 points, i.e. a slight improvement (by 1,5 point) compared with the survey in 2009. The best evaluation (similarly than in 2009) was achieved in services of employees of the Office. Respondents evaluated by the highest average satisfaction rate (from 82,5 to 87,4 points) helpfulness and willingness of employees and information on request, also quickness of meeting requirements, professionalism of employees, level of advisory and consultancy services. Lower satisfaction of respondents in evaluation of some areas pointed out reserves of SOSR in providing products and services. It relates mostly to Office's website (clarity and user conformability), content of databases, comparability, availability and providing statistical information on time and also understandability of methodological notes. Obtained information and comments of respondents brought valu-

able inputs, which will be taking into consideration in production and dissemination of products and services of the Office.

One of the main objectives defined in the Office's strategy is to increase systematically the institution value for interested parties and its recognition on national and international level. The Office monitors fulfilling of this objective also via the **credibility indicator of the Statistical Office of the SR**. In 2011, SOSR realized the credibility survey through external independent organization on a representative sample of 1 017 inhabitants of the SR in the age group over 18 years. The survey results showed that 61 % of respondents expressed a confidence to SOSR. Compared with 2010, the total confidence of the public to SOSR increased by 7 percentage points.

Statistical publications were continuously issued in printing and also in electronic form based on **the Catalogue of Publications 2011**. SOSR issued together 86 titles in monthly, quarterly and annual periodicity, of which 64 titles at the headquarters and 22 in regional workplaces. More than three quarter of the total number of publications was available on the Office's website. The main comprehensive and sector publications are *Statistical Yearbook of the SR 2011*, *Statistical Yearbook of Regions of Slovakia 2011*, yearbooks of industry, construction, foreign trade, transport, posts and telecommunications, yearbook of science and technology and quarterly *Statistical Report on Basic Development Tendencies in the SR*. The Office issued presentation publication based on application of new conceptual plans in production of statistical products: *Slovak Republic in figures 2011*, *Regions in*

pocket 2010, Slovakia in EU 2011 – population, Trends of social development in the SR 2011.

Based on united conception of the publication activity of SOSR workplaces in regions, each of them issued two publications in the same structure and design (*Development of Population in... region 2010, Our region and ... region in figures 2011*). Comprehensive overview of statistical information characterizing role of women and men in current society was presented in the electronic publication *Gender equality 2011*. Titles *Age structure of population of the Banská Bystrica region 2005-2010, Population in the Nitra region and Agriculture in the Nitra region* were issued out of the Catalogue of Publication.

In the field of providing services, the Office was involved in the international activity realized within the EUROSTAT grant project European Statistical Data Support (ESDS) relating to support of users interested in European statistics. In 2011, the Office conducted activities of this area on the base of the gentleman

agreement with EUROSTAT. The European Statistical Data Support Centre working at the Statistical Office (hereafter called Centre) gave assistance to navigation of users on the website of EUROSTAT, to searching the European statistical data in databases of EUROSTAT, and also to answering methodological questions. In order to promote European statistics, SOSR continued updating information available in the part *European Statistics* on the Office's website and released the propagation leaflet on EUROSTAT, on information disseminated on its website and services provided to users by the Centre.

In 2011, SOSR supplemented the offer in part *Services* by the part **European Statistical System** and also displayed selected continuously updated tables from European statistics in the Slovak language on its website. The Office met the EUROSTAT requirement, i.e. to release information on the European Statistical System and also the most requested data of the European statistics on the websites of the national statistical offices.



We publish periodical **Slovak Statistics and Demography**

The scientific reviewed periodical *Slovak Statistics and Demography* presented the only scientific periodical issued in Slovakia, which is aimed at providing fully updated information on new modern statistical methods, on new statistical procedures focused on efficiency and improvement of the quality of statistical outputs, on close and coordinated cooperation between EUROSTAT and national statistical offices in the field of harmonization of surveys, on position of the Slovak statistics within the European Statistical System, on change of base of statistics that is laid down mostly in requirements on its high quality, on statistics for specific purposes and on integrity of multi-dimensional statistics.

The periodical publishes original articles of analytical character, prognoses, discussion contributions, opinions, reviews, information articles and announcement aimed at different statistical domains (national accounts, production statistics, social statistics, statistics of living conditions and poverty, environment and others) and at the domain of demography, where is included except demographic statistics problems of population and housing census, theoretical and methodological bases of demography and also contributions from historical demography.

In 2011, the rest numbers of the volume 2010 that we finished and the first three numbers of the volume 2011 and also especial number of the periodical to 20th anniversary of establishing this periodical were issued. Scientific and also informative articles of SOSR experts and also professionals mostly from universities and research and scientific workplaces were presented.



International activities

The Office is a part of the **European Statistical system (ESS)** and its international activities are developed in compliance with priorities of European statistics. In 2011, the activity of ESS was aimed mostly at preparation and gradual adoption of measures to fulfill the strategy presented in the document COM (2009) 404 *Communication from the Commission to the European Parliament and the Council on the production method of EU statistics* (a vision for the next decade) and in the document COM (2011) 211 *Communication from the Commission to the European Parliament and the Council – Towards robust quality management for European statistics*. Discussion were focused mostly on strengthening the management and professional independence of the statistics, possibilities of other standardization and increasing the quality of statistics in connection with financial and economic crisis.

The Office took part actively in preparation and adoption of new **European legislation** in the field of statistics. In 2011, three new framework regulations of EP and of the Council were approved: the Regulation of EP and of the

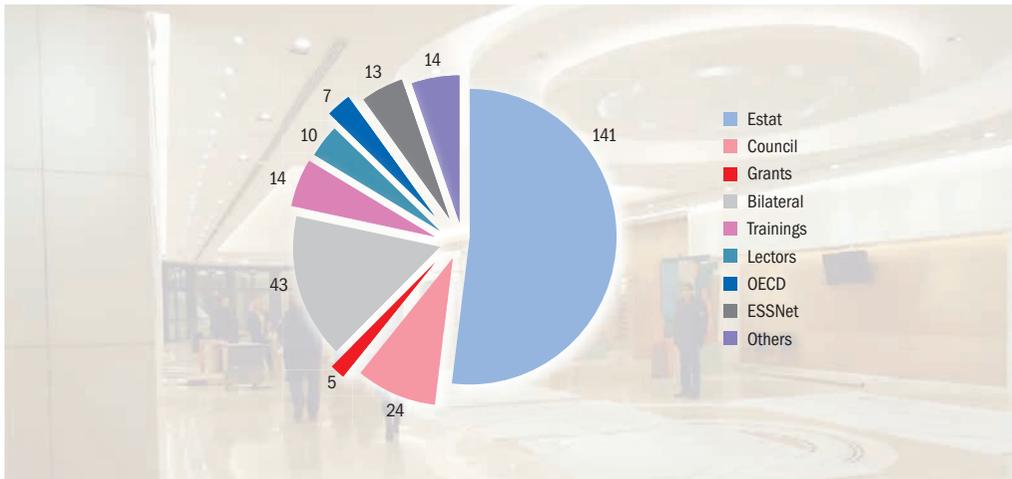
Council (EU) No. 691/2011 of 6th July 2011 on European environmental economic accounts, the Regulation of EP and of the Council (EU) No. 692/2011 of 6th July 2011 concerning European statistics on tourism and the Regulation of EP and the Council (EU) No. 1337/2011 of 13th December 2011 concerning European statistics on permanent crops. In addition to this, 21 implementing legal acts of the Commission were adopted in the field of statistics.

The Office organized many **events with international participation**. The most significant was the workshop relating to new version of *European Statistics Code of Practice*, where the deputy of the General Director of EUROSTAT Marie Bohatá had a presentation. In October, the workshop relating to science and research statistics realized within the neighbouring cooperation was realized at the Office, participants of which were representatives from the Czech, Hungary, Austria and Slovenia.

In 2011, the Office deputed own representatives to 199 **external business trips**, i.e. 271 individual commencements, but 60 % of them



The number of participants of external business trips by purpose:



were meeting of working groups of the EU institutions – the European Commission (EUROSTAT) and the Council. Other external business trips were bilateral meetings (mostly to the Czech Republic), trainings that were attended by the Office’s employees as learners within the European education program, mis-

sions, where Office’s experts worked as lecturers, workshops realized within the ESSnet projects or grant projects assigned to the Office, workshops and conferences organized by OECD and other international organizations (UN, ECB, IMF and the like).

Employees of the Office dealt with 31 **grant**



projects funded by the EU, which contributed significantly to the implementation of new European regulations and development of the Slovak statistics.

The project *Strengthening of the statistical system of Tajikistan* financed by the World Bank was successfully finished after five-year implementation in the field of **technical assistance**. Work of 11 experts of the Office in the field of social statistics, national accounts, statistics of industry, transport and population census was highly appreciated not only by the beneficiary, but also by the head of the international consortium, the Statistical Office of Germany. Representatives of the Office realized also the mission to Azerbaijan relating to implementation of the quality management system in the statistical office. In the second half year, an employee of Bosnia and Herzegovina attended the four-month traineeship aimed at statistics of industry.



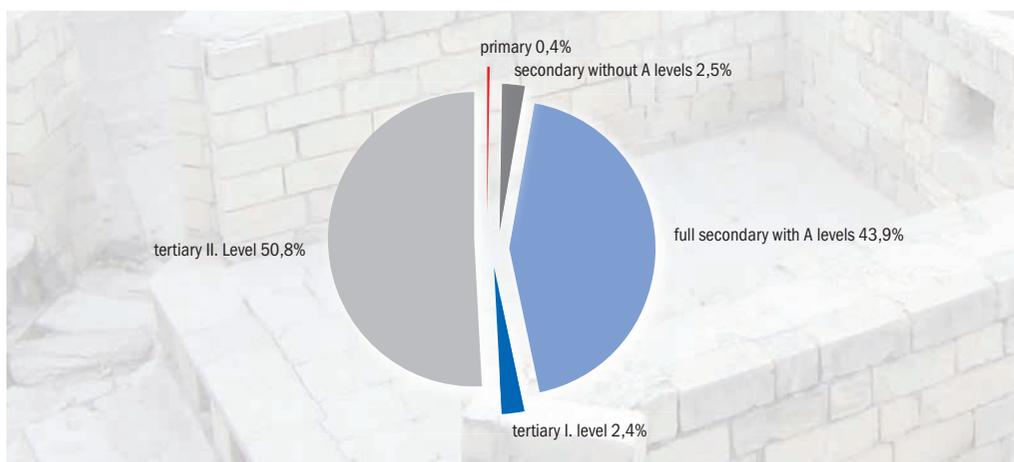
Human resources

989,7 employees (the average registered recalculated number) was employed in SOSR, of which 327,2 employees at the headquarter and 662,5 employees at the workplaces of SOSR in regions in 2011. After saving measures realized to 31th December of 2010 and to 31th January 2011, the planned number of posts of the Office decreased by 102 compared with the previous year. In spite of the unfavourable initial situation relating to a number of posts

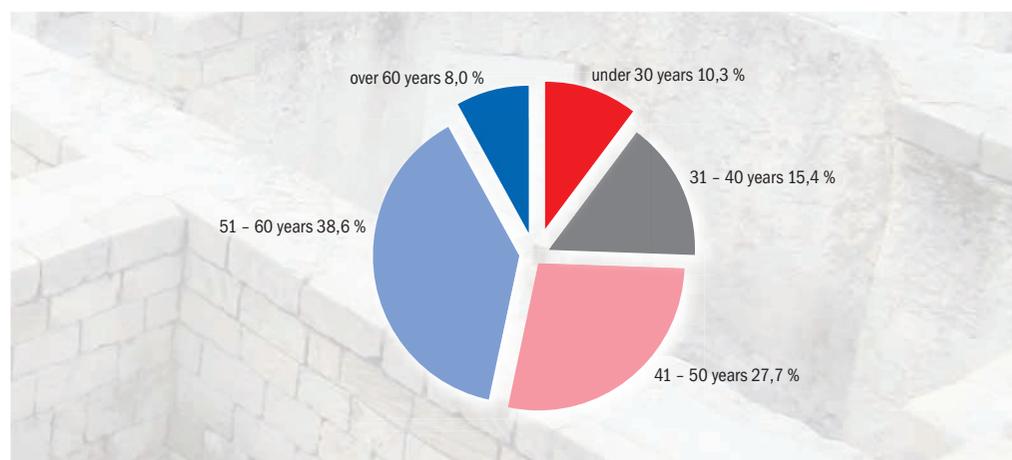
and volume of wage resources, all tasks of the Office were performed by staff. The significant priority of the management of human resources was personnel coverage of specific tasks of Population and Housing Census, for which 100 posts were reserved.

Education and age structure of employees of the Office to the 31th December 2011 are depicted in the graphs.

Education structure



Age structure



77,7 % women and 22,3 % men were employed in the Office. From the total number of 134 head employees, 69 % represented women and 21 % accounted for men.

The education activities approved in the *Education Plan of Employees for 2011* were realized in the field of **education of employees**; this activities were supplemented by another professional workshops and trainings result-

ing from operative requests of individual departments and needs of employees during the year. Last year, the education of employees of the Office was aimed mostly at:

- ▲ managerial preparation and increase of professional performance of employees,
- ▲ increasing professional knowledge and skills
- ▲ development of skills to use information and communication technologies,
- ▲ language preparation.



Following trainings were realized in **managerial preparation and increase of professional performance** of employees: *Effective manager* (the training containing four follow-up modules), *Couching*, *Media training*, *Training of effective communications with customers* and *Conflict resolution and nonverbal communication*. Trainings attending by 162 head employees, personal capacities and other specialists developed abilities of employees in order to react flexibly on changing internal and external environment of the Office.

Professional education and education in the field of information and communication technologies related to realization of key activities in 2011. The education aimed at preparation, realization and processing of the results of *Population and Housing Census* was mostly of great importance.

The education focused on increasing professional knowledge and skills of specialists in the field of statistics had a particular status in professional education. Except education events relating to key activities of the Office (e.g. PHC, methodology of statistical surveys

and others), the education programme **Schola Statistica** was also realized, it consists not only of the training for new employees, or employees with minimal professional practice, but also of other professional trainings taking into consideration educational needs of individual departments of the Office and 69 employees took part in it.

75 employees of the Office took part in 51 professional education events on international level. Professional statistical trainings organized within the **European Statistical Training Programme** were a part of these events. The objective of trainings was to increase required knowledge and skills in the field of European statistics, to participate in knowledge exchange and to provide important information on the ESS.

Other employees of the Office participated in education as well, i.e. by their professional specification (e.g. legislation, management of human resources, wages, economics and operation, public procurement and others). 2 803 employees took part in individual forms of professional education and 2 794 employees



in the field of information and communication technologies.

219 employees took part in **language preparation** in half-intensive and intensive trainings of English and French language.

Employees took part in 784 education activities in 2011. Except standard education forms, 841 self-education of different professional specification was recorded, 507 self-education in statistical domains, 218 self-education in the field of information and communication technologies and 10 self-education was connected with increase the quality of language skills. The amount of financial resources that the Office spent on education was EUR 44 478 last year.

Library of SOSR provided its services to 2 562 readers (of which 1 953 were external visitors and 609 employees of the Office). 4 665 borrowings were registered in the library during the year. The main activity of the library is supplementing, registration and accessibility of library fund, to which 648 titles (of which 446 were publications issued by SOSR) were

added up. 57 titles of daily press and periodicals were registered continuously. EUR 9 207 was spent to purchase professional literature, subscription of daily press and periodicals in financial statement.



Information systems and information and communication technologies

The most significant event of SOSR was **Population and Housing Census** in 2011. In this year, the Office provided information system by a supplier, it allows also electronic census for the first time. This possibility was used by 6,73 % of inhabitants. Except the system of electronic data collection from inhabitants, application programme equipment on preparation activities to support realization of PHC 2011 (electronic formation of counting districts) and also application programme equipment on further census data processing were created.

In the context of the Programme of State Statistical Surveys, **electronic data collection** available for reporting units on the SOSR's website was used by averagely 3 494 (22,6 %) respondents of the total average number of 15 498 addressed reporting units in monthly periodicity and averagely 2 229 (22,7 %) respondents of the total average number of 9 805 addressed reporting units in quarterly periodicity. In 2011, electronic data collection contributed to a decrease of administrative burden of reporting units that is planned by SOSR in all surveys within the realized phase of the national project of Electronic Services for 2012.

The Office moved to the realization phase of the project based on signed contract on providing of non-repayable financial contribution to the project of **Electronic services of SOSR** and after successful public procurement and signing up the contract with a supplier on realization of the project in 2010 in the field of information system development. The project objective is introduction of high-quality electronic services customer- and entrepreneur-

oriented in the SR by increasing the quality, information value, accessibility and clarity of statistical data. The project is aimed also at decrease of excessive response burden during statistical surveys by introduction of the principle "one time and no more". It relates to elimination of duplicate data acquisition that is available in information systems of public administration. SOSR will acquire these data from bodies of public administration included in the national statistical system.

Information system will be based on newest technologies and will provide more levels of tools for a work with data to a user. On one hand the portal will allow an access to the statistical tables classified by subject areas. A tool that allows monitoring data in hierarchical structures by subject areas, time or geographic presentation will be at disposal. In case of user interest, there will be available also an online analytical tool allowing application of basic statistical methods, production of own report, or its graphic representation. In case of interest in specialized outputs, user can use paid electronic service *Specific statistical data acquisition* where employees of SOSR prepares statistical outputs on the base of user requirements. In this case, a principle of keeping statistical confidentiality will be taken into consideration.

All publications and outputs will be available free of charge on the SOSR's website in electronic form. Payment for specific statistical products via the service *Specific statistical data acquisition* will be on the base of demand- ingness of actions relating to their working-out.

A part of the project is also production of *new election information system* allowing electronic delivery of the election report. In case of no-existing internet connection in a relevant division election commission, it is possible to complete the report in its offline electronic form and then to deliver to relevant district election commission. This change will shorten the time of processing election results and is a halfway house to introduction of electronic voting in elections.

Needs and requirements resulting from the project were subjected to required analyses and proposals in 2011. In September 2011, the project implementation started up together with planned sharp service around the turn of 2012 and 2013 based on these documents.

Information and communication technologies

In 2010, SOSR received funds to continue in the process of **modernization of the information and communication technologies (ICT) environment**. The Office used these funds to build up modern secondary data centre (DC II on the level of Tier III (by Uptime Institute) with emphasis on redundancy of key components of infrastructure and ICT equipment. In 2011, the Office realized migration of testing environment from primary data centre locality (DC I) to DC II locality after installation of ICT technology. Highly available solution of IT services was implemented then on the level of data centres. A base of highly available solution was extension of cluster technology on the level of application servers, database servers, disc fields and net connectivity.

Implementation of these solutions provided high availability of IT services of SOSR also from geographic viewpoint. In case of loss of the primary DC, IT services provided from the secondary DC will be fully accessible in a relatively short period. An advantage of this solution is also higher flexibility in terms of accessibility of ICT sources of SOSR. In case of increasing needs of ICT sources to ad hoc IT services, IT specialists know how to re-arrange online (without awareness of a user) ICT sources on required level of providing services. The other advantage is separate testing and developing ICT environment that does not take away sources of the primary DC, the consequence of which are more extensive possibilities of testing information systems (IS). These characteristics of implemented solution are very appreciated during testing and production operation of IS for PHC 2011.

A primary condition to meet objectives defined in the strategic documents is good functioning basic infrastructure of working stations and servers. This infrastructure and standardized environment is necessary condition for functioning of our organization and realization of further projects.

In 2009, **consolidation of many key IT activities** started in ICT environment of SOSR. This trend of consolidation continued also in 2010 and 2011. Consolidation of IT activities can be divided into 3 basic groups:

- ▲ database consolidation
- ▲ consolidation of application servers with usage of virtualization tools and
- ▲ consolidation of infrastructural services on the Microsoft platform (AD, Mail, Internet,...).



Database and application consolidation was realized in 2009-2010. Consolidation of infrastructural services of SOSR was finished by implementing communication environment of LYNC in 2011 in relation to defined objectives. SOSR decisions relating to the range of usage of the Microsoft platform are based on existing knowledge and orientation on this platform, realized investments and evaluation of economic and operation factors. SOSR is a participant of application of Microsoft Enterprise Agreement No. 8173727 (EA). The Office concluded also so called “Select agreement” with favourable price conditions for the purchase of Microsoft products on the base of the EA. We used currently licences of the package Desktop Enterprise in client computers within the EA in order to use effectively public sources and with our conception of IT development and defined objectives. Requirements on harmonization with effective legislation, mostly with the Act No. 275/2006 on information systems of public administration and with decrees of MF SR on standards for IS of public administration were met by usage of the Microsoft platform.

The project included following parts in terms of technology:

- ▲ migration of domain services to the Windows Server 2008 R2 platform,
- ▲ transition of communication infrastructure of SOSR from decentralized to centralized administration with transition from MS Exchange 2003 to MS Exchange 2010 with the emphasis on high availability of solution and protection of viruses, spyware and spams by usage of products of TMG 2010 and Forefront Protection 2010 for Exchange,

- ▲ introduction of MS SCCM 2007 R2 allowed to speed up and make easier administration and configuration of the environment of the whole SOSR infrastructure (about 1200 desktops),
- ▲ introduction of communication platform – MS Office Communications Server (LYNC) for communication purposes within SOSR (trying to decrease travel costs).

In order to introduce individual infrastructural servers, capacity of the new product MS Windows Server 2008 R2 with installed technology of Hyper-V allowing to develop fully virtualization platform and so to consolidate and optimize infrastructure.

SOSR took part in a competition *Microsoft Industry Awards* on best solution relating to this project with an implementer – company Data-SystemSoft in the Slovak Republic in 2011 and took the first place in the category *Best solution for state administration, self-government and academic sphere*.

In 2011, the migration project of client stations from the platform of Windows XP and Office 2003 to Windows 7 and Office 2010 also started successfully as a follow-up to above-mentioned project.



Financial results

The Act No. 498/2010 Coll. on state budget (SR) approved **expenditures** in the amount of EUR 22 835 392 appointed for the SOSR chapter. The budget was adjusted by twenty budgetary measures to EUR 36 016 671,71 in the course of 2011. Adjustments of the budget mostly related to an increase of the budget by resources for automated processing of PHC 2011 and generating and realization of identifier of physical person, house and flat in the amount of EUR 1 500 000, to an increase of the budget of expenditures for providing financial resources for municipalities to cover costs relating to delegated execution of the state administration in preparation, continuation and providing of PHC 2011 by EUR 5 642 966, overrunning the limit of capital expenditures by resources of the previous year in the amount of EUR 3 227 194 and overrunning the limit of expenditures by resources of EU and resources of SB for co-financing of common programmes of the SR and EU in the total amount of EUR 9 294 300 for realization of the project *Electronic services of SOSR* that the Office dealt with as a participant of the *Interdepartmental Programme of OP Informatization of Society*. Other budgetary measures related to transfers and bindings of resources for municipalities and high territorial units for covering costs relating to delegation of execution of the state administration in preparation, continuation and realization of PHC 2011 and transfer of expenditures from the category 630 - Goods and services to the category 610 - Wages, salaries and 620 - Insurance, contributions. The Ministry of Finance of the SR (MF SR) bounded capital expenditures of SOSR in the amount of EUR 281 360, resources of EU and resources of SB for co-financing of common programmes of the SR and EU in

the amount of EUR 220 407,29 with the possibility of their usage in the next budgetary year in compliance with paragraph 8 of the Act No. 523/2004 Coll. MF SR bounded incomes and expenditures in the amount of EUR 64 500 for reasons of non-realized budgetary incomes approved in the act on SB for 2011.

Approved limit of **incomes** in the amount of EUR 276 015 was increased by EUR 255 085,73 by the budgetary measure of MF SR during the year. Overrunning the limit of incomes and also expenditures was approved because of sale of redundant property in accord with the task A.3th decision of the government of the SR No. 240/2011. Then the budgetary measure of MF SR decreased the limit of incomes and also expenditures in the same amount because of no-realization of current incomes, i.e. incomes were adjusted to EUR 466 600,73. Non-realized incomes were affected mostly by no-interest in renting of spaces of SOSR and also by lower incomes for sale of statistical information due to free access on Internet. Real incomes amounted to EUR 1 394 931, including non-fiscal incomes EUR 429 700 and non-budgetary from external grants EUR 965 231 that were provided by the European Commission in order to introduce new statistical surveys. Expected non-fiscal incomes were not met fully and therefore the Office reported a difference in non-realized incomes in the amount of EUR 36 901.

Adjusted budget of expenditures EUR 36 016 671,71 was spent in the amount of EUR 36 015 791, i.e. to 100 %. From the total expenditures, the special types of expenditures - to PHC 2011 of the total expenditures amounted to EUR 11 462 727 and resources of the Euro-



Comparison of approved and adjusted budget



pean Union and resources of the state budget for co-financing of common programmes of the SR and EU amounted to EUR 9 073 893 for realization of the project *Electronic services of SOSR* that the Office deal with as a participant of *the Interdepartmental Programme of OP Informatization of Society*. Expenditures on wages and insurance represented 74,7 %, goods and services 16,1 %, current transfers 7,6 % and capital expenditures 1,6 % of the rest of expenditures in the amount of EUR 15 479 171 spent on the common statistical activity.

Expenditures on wages were realized in the amount of EUR 8 567 683 and related contributions to insurance companies in the amount of 2 995 363.

Expenditures on goods and services in the amount of EUR 2 493 051 were largely spent

on print of statistical questionnaires, statistical data processing, technical support services to information and communication technologies, travel expenditures, education of employees, expenditures relating to the collection of statistical surveys, contribution to social fund and catering of employees. Expenditures on energies, protection of buildings, maintenance of technologies and buildings and operation of motor vehicles represented a considerable part.

Current transfers were spent in the amount of EUR 1 175 594, of which EUR 1 061 213 was spent on budgetary organization INFOSTAT. Other transfers were used on severance pay and medical benefits. INFOSTAT dealt with tasks specified in contracts by requirements of SOSR

Capital expenditures in the amount of EUR

247 480 were spent on reconstruction of buildings of SOSR, purchase of software, special machines and equipment and motor vehicles.

Special types of expenditures

Population and Housing Census 2011

EUR 11 462 727 were spent on preparatory activities relating to PHC 2011 and its realization, of which EUR 6 551 251 on goods and services and capital expenditures were EUR 3 290 100. A considerable part of expenditures on goods and services was spent on automated processing of PHC 2011, generating and realization of identifier of physical person, house and flat, information and communication technologies, information campaign, trainings, bonuses of employees outside the scope of employment relationship, material provision and overhead expenses. Capital expenditures were spent on purchase of software, operation machines and equipment.

Electronic services of SOSR

Resources of EU and resources of SB for co-financing of common programmes of the SR and EU in the total amount of EUR 9 073 893, including resources of EU in the amount of EUR 6 833 549 and resources on co-financing in the amount of EUR 2 240 344 were spent on financing the project *Electronic services of SOSR* that the Office deal with as a participant of the *Interdepartmental Programme of OP Informatization of Society*. Resources were spent on capital expenditures – purchase of software and computer technology in compliance with purpose specification.



Priorities in 2012

Priority of the **integrated quality management system** of SOSR over next period will be its development in order to fully meet the requirements of the amended **European Statistical Code of Practice** and also of the norm ISO 9001. Therefore attention will be paid to realization of the project Monitoring implementation of the principles of the European Statistical Code of Practice, where lacks will be identified and required activities on improvement will be formulated and implemented. The project implementation will be supported also by prepared **obligation to “ensure confidentiality in statistics”** that shall be signed between national governments and the European Commission. The project realization will also create appropriate conditions in order to manage successfully the expected external audit from ESS (peer review).

In order to create basis for monitoring efficiency and to propose activities that will help to increase the efficiency of SOSR, a significant contribution is realization of the **cost management project** that will be aimed at improvement of the routine operation quality of the information system on register of worked hours and on providing **outputs for head employees**. Attention will also be aimed at realization of preparatory works for development of the system towards **managerial information system**.

The field of **methodology** will be aimed firstly not only to **providing quality** of statistical outputs, but also to **introduction of regular self-evaluations** of all statistical outputs that will assess their qualities in terms of producer and will provide the first impulse of their improvement over the next period. New **possibil-**

ities of usage of administrative data sources as one of the tools of optimization of statistical surveys and burden reduction of respondent and also producer will be also examined further. Significant task will be education of SOSR's employees, mostly in the field of sample surveys, seasonal analysis of time series and protection of confidential statistical data and also cooperation on development of the statistical information system.

The field of **classifications** will firstly provide a development and legislative issue of the national classification of education fields harmonized with international standard classification of education ISCED 2011 and implementation of new classification to the statistical information system.

The very important task of the field of statistical registers will be a synchronization of processes of the national system for administration of statistical registers with processes developed within the European administration system of Eurogroup register (EGR). The implementation of tools developed by EUROSAT in order to apply exchange standard SDMX will be a part of this task.

A decrease of burden and costs based on the obligation to provide statistical information is an ambition not only of the national statistics, but also of the European Statistical System in the whole process of the **data base production**. Priority to 2012 will be application of measures in order to **provide optimization** of statistical surveys and **reduction of statistical burden** of respondents and producer.

A decrease of the range and periodicity of acquired data and also of the number of ad-

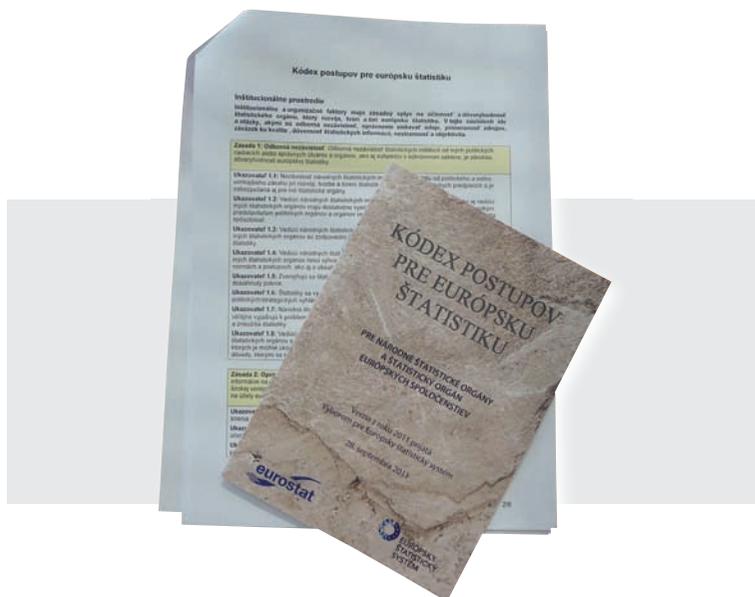
dressed reporting units was largely applied on the side of a producer. Over the next period, effectiveness will be searched on one hand in introduction of new electronic services and on other hand mostly in communication with owners of administrative data sources in order to use more intensively these sources.

In 2012, **consolidation and harmonization of metadata** that is a logical part of continuing consolidation of data base and project activities relating to the national project *Electronic services of SOSR* will continue. This activity covers structural metadata (codes and variables). The objective to 2012 is to cover data disseminated by the Office by reference metadata, but implementation of the Statistical Data and Meta data Exchange (SDMX) and the European standard for reference metadata will be taken into consideration. The aim is to improve the national system of metadata, harmonization and integration within the ESS.

Additionally to standard activities relating to the compilation of annual and quarterly national accounts and fulfilling the grant tasks, SOSR is awaiting the mission of EUROSTAT *Regional assurance quality mission to Slovakia* – in April 2012, so called “upstream dialogue visit” to problems of procedure of excessive deficit and debt – at the beginning of May 2012. It will be required to pay attention to gradual solution of reservations of EUROSTAT that the Office received in January 2012 on the base of the results of two missions of EUROSTAT to problems of sources and methods of compilation of the gross national income and subsequent comparison of results of missions for all EU countries.

Price statistics will be aimed mostly at monthly survey realized within the methodology harmonization project of the consumer price survey for purposes of calculation of HICP and of the European Comparison Programme in 2012. The calculation of real estate price indices and price indices of goods and services relating to owner-occupied housing will continue. The revision of weight schemes will continue to calculate construction work price indices and price indices in agriculture in the field of prices of production statistics.

Priority task of **external trade statistics** will be to provide testing functionality of ISIS for controls, imputations, processing and outputs of external trade statistics in cooperation with a solver. Other analysis of possible impacts on quality of provided data will be realized according to EUROSTAT decisions on INTRASTAT simplification. Working meetings with key reporting units that have problems with regular data providing on time are



planned. Workshops will be provided for reporting units, this form of data providing on the INTRASTAT system is the most required.

The activities relating to modernization of methods will continue in **business statistics** to provide inputs and also outputs of the statistical information system in 2012. The objective is to achieve further decrease of administrative response burden by searching possibilities of broader usage of administrative sources, multiple and effective usage of surveyed data in information and publication system of SOSR. The survey on global value series, aim of which is to acquire information on range and categories of business activities externally provided from abroad from own foreign affiliations or from external foreign subjects will be realized in connection to the *Program of Modernisation of European Enterprise and Trade Statistics* (MEETS) in non-financial enterprises employing 100 people or more.

Statistics of foreign affiliations will be focused mostly on implementation of the SK NACE Rev. 2 structure in datasets on external foreign affiliations and also changes relating to updating of *FATS Manual of recommendations*. The priority of **structural business statistics** will be processing of final data for 2010 including the file of tradesmen and financial annexes of the regulation on structural statistics.

Environment statistics will continue implementing the regulation on environmental economic accounts and providing data on waste statistics including quality report, data on expenditures on environment protection, pesticides and inland water. **Energy** statistics will

prepare questionnaire on practices of countries in energy statistics for the UN Statistical Division. Results will be a base for preparation of the *UN Energy Statistics Manual*. The centre of activities of **tourism** statistics will be compilation of the tourism satellite account and finishing the ESSnet project on time. Activities of **science and research** statistics will be aimed at the development of methodology in order to monitor indirect support of research and development and activities on realization of obligations to providing information to EUROSTAT, international institutions, central bodies of state administration, professional and laic public will continue similarly than in all business statistics.

Social statistics will be aimed at realization of tasks relating to further processing and presentations of data surveyed in CPH 2011 and to processing of pre-defined outputs for users as well as to realize an additional survey on transition from works to retirement within the labour force sample survey. In 2012, modernization of the collection method of statistical data on population economic activity in labour force sample survey, data processing and publishing from sample adults education survey (AES) including production of micro data database, data processing and publishing from survey on continuing vocational training survey (CVTS4) and realization of preparation of new harmonized European survey in households on safety and crime (SASU 2013) will continue.

Election statistics will be aimed at processing the results of voting in the **early elections to the National Council of the Slovak Republic** declared under the decision of the President

of the National Council of the Slovak Republic on 10th March 2012. Except this task, SOSR will continuously realize activities relating to providing new elections to bodies of municipal self-government in compliance with the relevant act in dates under the decision of the President of the National Council of the SR.

The field of **dissemination and providing statistical information** will be aimed at implementation of marketing objectives of the Office in order to know better needs of customers and to satisfy their growing requests on quality and complexity of products and services of the Office. Attention will be paid to the extension of contents and forms of products accessible via Internet that is a dominant form of statistical information dissemination.

Products focused on analysis and presentation of data by modern sources allowing easy to present and understand the statistics will be preferentially developed. The objective of the Office is to increase the level of products in terms of quality of their content, to support knowledge dissemination of statistical indicators, their methodology and also of possibilities and limits of their usage. Great attention will be paid to development of good relations with different groups of customers, to intensification of communication between users and producers of statistics what will contribute to development of customer oriented statistics. In order to acquaint broad public with the mission and tasks of the official statistics and to present work of statisticians, SOSR will realize the *Open Door Day* in 2012. The survey on SOSR's confidentiality that will be realized on the base of cooperation with an independ-

ent agency will provide responses how the public understand our institution.

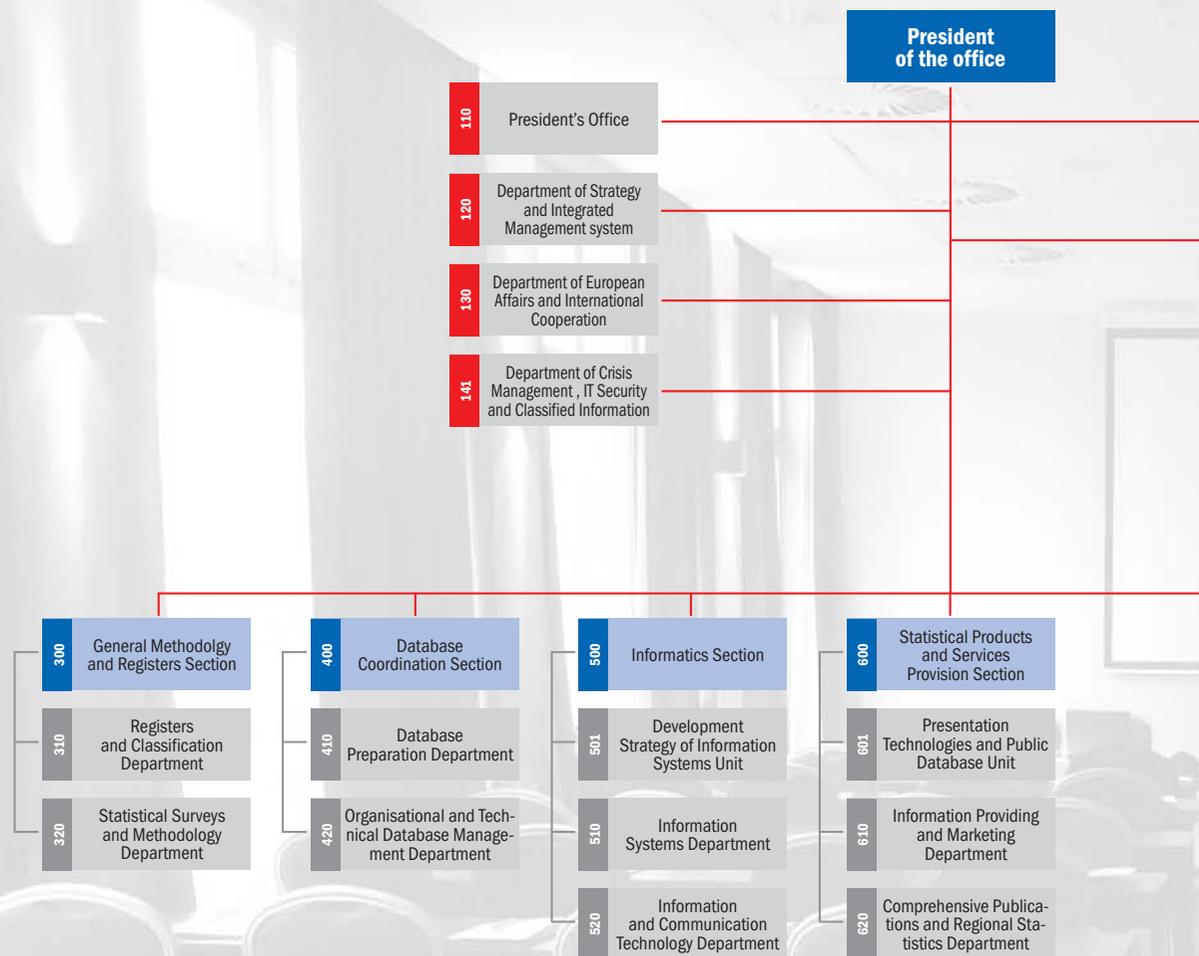
The management of **human resources** will be affected by continuing optimization of processes at workplaces of the Office in regions, in which the Personnel Office will significantly participate mostly by preparation of personnel documents and related documentation in relation to employees in the next year. Significant task will be personnel provision of the early elections to the National Council of the SR 2012.

Important task will be the education of employees in order to strengthen the Office position within the national and the European Statistical System. Implementation of the national project *Education as a tool of the development of modern statistics* funded by the European Social Fond will largely contribute to this task. About 800 employees of the Office will take part in the national project and its part will be education events aimed at the improvement of managerial competences, social and psychological skills of employees, professional statistical education and language preparation.

The main task of **information systems and information and communication technologies** will be successful finishing of the project *Electronic services of SOSR* in 2012, it means in practice to put into operation new *Integrated statistical information system (ISIS)*.

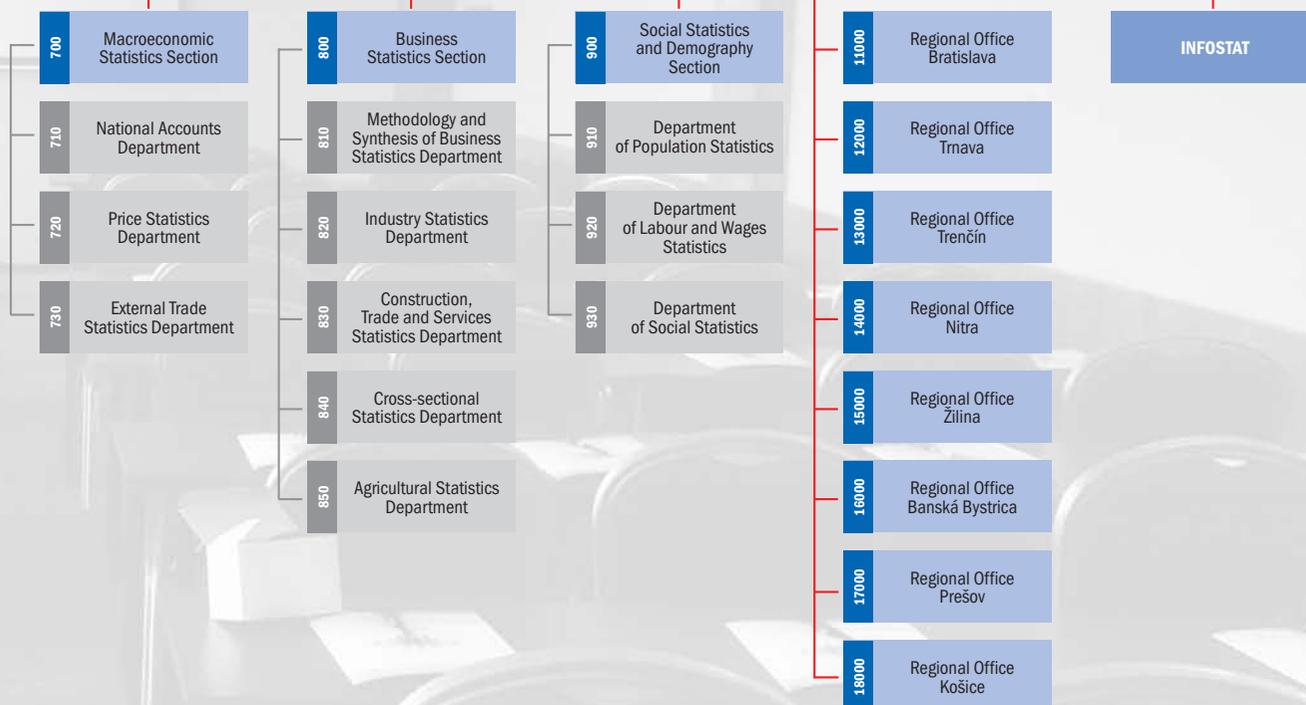


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