

# SURVEY ON REGISTERED EMPLOYMENT

Since 2015, the Statistical Office of the Republic of Serbia has switched to a new methodology of measuring registered employment by combining data from the Central Register of Compulsory Social Insurance (CRCSI) and Statistical Business Register (SBR). The new source of data provides more up-dated coverage of all enterprises, thus a better coverage of employees. At the same time it allows to broaden the definition of employment by including all the modalities of employment, which encompasses not only employees in "long-term employment" and employees in "temporary and occasional employment" but also registered individual agricultural producers (farmers).

## LEGAL BASIS

The above mentioned survey is regulated by the Law on Official Statistics ("Official Journal of the RS", number 104/09).

## METHODOLOGICAL BASIS

### Objective of the survey

The objective of the survey on registered employment is to obtain data on the number of employees in legal entities and unincorporated enterprises, number of self-employed as well as the number of individual agricultural producers (farmers) included in the system of social insurance, i.e. registered in the CRCSI.

### Reporting units, statistical units

The source of data is the CRCSI. The units of observation are social insurance contribution payers and the insured.

### Coverage of the survey

The survey covers all the social insurance contribution payers and the insured who are insured on the ground of employment according to the CRCSI: employees, i.e. persons employed in an enterprise, other legal entity, government body, local authorities' body; civilians serving military service in the army and military units and institutions; professional servicemen according to regulations on the Army of Serbia; domestic and foreign citizens employed in the territory of the Republic of Serbia in foreign or international organisations and institutions, foreign diplomatic representations and consular representations or in foreign legal or physical persons unless otherwise defined in international contract, i.e. if such insurance is provided for international contract; persons performing work outside employer's premises; employees sent to work abroad if they are not insured under the regulations of the given country or if otherwise laid down in international contract; persons who work or whose status is equivalent to employment: elected, appointed or delegated persons if they receive salaries; persons insured working on temporary or occasional basis: person working temporarily or occasionally basis if they are not insured on other grounds; persons who perform temporary or occasional work through youth or students' employment agencies according to the law, and are 26 years old, i.e. whatever the age if not at schooling; persons performing work under contract: work under service contract, author contract and under other contracts, but are not insured on other grounds; persons insured on the ground of performing self-employment activities: persons who are self-employed, founders, i.e. member of enterprises and who work within whether employed by the enterprise which they are founders or members, according to the law; priests, church officials, if they are not compulsory insured on the ground of employment; sportsmen who, according to the law, carry out sports self-employment activities; persons insured on the ground of performing agricultural activities: persons who, according to the law, are deemed being engaged in agriculture (farmers, farmer's household members, mixed household members, agricultural holder and agricultural holding members) if they are not insured as employees, self-employed, pension beneficiaries or at schooling.

## Method, period and sources of data collection

### Methods of data collection:

- Data from CRCSI,
- Data from SBR.

**Data from CRCSI.** In September 2014, SORS took over the initial database of the insured and insured persons from CRCSI, and ever since takes over every first Monday data on changes occurred in the previous month. This is done electronically, through web service, i.e. *FTP service (File Transfer Protocol)*, via a secured network of the Administration of General Affairs of government bodies of the Republic of Serbia.

**Data from SBR.** SBR creates every month two consultation databases. The first is a set of all active enterprises, as of the last day in the month, according to the Register of Units of Classification kept by the SORS, and according to the data of the Business Register Agency. This consultation database is matched with the CRCSI database, and matched i.e. active enterprises with data on the insured employees from CRCSI database represent the population for the calculation, i.e. classification of employees in legal entities and unincorporated enterprises.

The second consultation database is a set of all local units where there are a number of employees broken down by activities. Based on this file, created are the structures of the number of employees in enterprises, by local units and by activities of local units. Then, based on these structures the employees from CRCSI database are broken down by municipalities and activities.

Monthly data on the number of employees represent the number of employees on the next to last working day in the month.

Quarterly data on the number of employees are calculated as the arithmetic mean of the number of employees for three months of the reference quarter.

Annual average number of employees is calculated as the arithmetic mean of the number of employees for 12 months.

### Obligation to protect individual data

Data obtained from CRCSI are considered confidential and may not be disclosed nor make available to users. The users may have access only to aggregated data on certain classification levels.

### Definitions of the main concepts

- The concept social insurance contribution payer includes the insured and employer or income payer who bears the social insurance contribution.
- Insurer is a physical insured person according to the laws regulating the system of compulsory social insurance.
- The concept employees in "long-term employment" includes persons who have a formal contract of employment with an employer for a fixed or indefinite time, whether working full-time or part-time, professional servicemen, persons performing manager's work under contract of management rights and responsibilities as well as persons performing solely an activity or being founders of enterprises or entrepreneurial shops and being registered in the CRCSI.
- The concept employees in "temporary and occasional employment" includes persons having a formal contract for performing temporary and occasional work, service contract, author contract or any other, whatever the duration, as well as persons being founders of enterprises or entrepreneurial shops and not having an employment relationship and being registered in the CRCSI.
- The concept registered individual agricultural producers (farmers) includes persons up to 65 years of age registered in the CRCSI as persons who are insured on the ground of performing agricultural activities, i.e. persons who are considered to be engaged in agricultural activities according to the law (farmers, farmer's household members, mixed household members, agricultural holders and agricultural holding members) if they are not insured on the ground of employment, performing independent activities, pension beneficiaries and on schooling.

- Public sector is part of the national economy covering general government, as well as non-financial enterprises under government supervision (public enterprises) who are primarily engaged in commercial activities (Law on Budgetary System, „Official Journal of the RS“, n<sup>o</sup> 54/2009, 73/2010, 101/2010, 101/2011, 93/2012, 62/2013, 63/2013, 108/2013, 142/2014, 68/2015 and 103/2015). Therefore, the public sector covers the beneficiaries of budgetary funds in education, culture, health, social work activities, government authorities as well as public enterprises which are founded by the State or local authorities units which perform activity of general interest (Law on public enterprises and carrying out activities of general interest, „Official Journal of the RS“, n<sup>o</sup> 119/2012, 116/2013 and 44/2014).

The public sector is broken down into the following subsets:

Public state enterprises are enterprises which are founded by the Republic of Serbia or autonomous province and perform activities of general interest, such as production, transmission and supply of electricity; coal production and processing; researches, production, processing, transport and supply of oil and natural and liquefied gas; sale of oil and oil derivatives; railway, postal and air transport; telecommunications; publishing of the official journal of the Republic of Serbia; publishing of schoolbooks; management of nuclear facilities, use, management, protection and improvement of assets of general interest (water, roads, mineral raw materials, forests, navigable rivers, lakes, banks, spas, wildlife, protected areas); production, sale and transport of arms and military equipment, waste management.

Public local enterprises are enterprises which are founded by units of local authorities and perform public utilities activities or activities of interest for the functioning of local authorities' bodies.

Administration – government and autonomous province level implies government bodies, bodies of the autonomous province, judicial bodies and institutions engaged in government-related activities.

Administration – local authorities' level implies local authorities' level, local communities and institutions carrying out activities of general interest for local authorities.

Health and social work implies beneficiaries of budgetary funds, i.e. government institutions engaged in health and social security activities, sale of pharmaceutical products in pharmacies, sale of medical and orthopaedic aids in specialised stores as well as students' and pupils' dormitories.

Education and culture implies beneficiaries of budgetary funds, i.e. government institutions engaged in education; research & development; publishing activity; broadcasting activities; creative, art and entertainment activities; sports facilities activities as well as activities related to libraries, archives, museums and other cultural activities.

### **Level of representativeness**

Monthly data are published up to the level of the sections of the Classification of Activities (2010) for the territory of the Republic of Serbia.

Quarterly data are published up to the level of the divisions of the CA (2010) for the territory of the Republic of Serbia and on the level of the sections of CA (2010) for regions (NSTJ 2) as well as for the public sector for the territory of the Republic of Serbia.

Annual data are published on the level of CA (2010) divisions for the territory of the Republic of Serbia and on the level of CA (2010) sections for NSTJ 4 territorial level (municipalities).

Starting from 1999, the Statistical Office of the Republic of Serbia does not have available certain data relative to AP Kosovo and Metohija, therefore these data are not included in the coverage for the Republic of Serbia (total).

### **Harmonisation with international recommendations, standards and practice**

Combining several sources and methods of data collections on employees (for so-called registered employment) is in line with international recommendations, standards and practice.

## DESCRIPTION OF SURVEY MANAGEMENT

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### Obligation to provide data

The obligation to provide data is regulated by Article 26 of the Law on Official Statistics („Official Journal of the RS“, number 104/09), and punitive provisions in case of refusal to provide data or provision of incorrect data by Article 52 of the same Law.

## SURVEY TOOLS

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### List of nomenclatures and classifications used in the survey

The following classifications are used in the survey:

- CA 2010, which was adopted by the Government, based on the Law on Classification of Activities („Official Journal of the RS“, number 104/09), by the regulation of 29 July 2009 („Official Journal of the RS“, number 54/10). This classification is comparable with the classification of activities of the European Union (NACE, rev. 2);
- List of municipalities drawn in line with the Regulation on the Nomenclature of Statistical Territorial Units („Official Journal of the RS“, numbers 109/09 and 46/10);
- Code list of the grounds of insurance according to the Regulation on the content, form and method of submitting the unique application for compulsory social insurance, unique methodological principles and unique procedure of codes for data entry into the database CRCSI („Official Journal of the RS, numbers 54/10,124/12 and 119/13).

### List of publications

1. Statistical release ZP22 – Registered employment in the Republic of Serbia, quarterly
2. Statistical release ZP20 – Registered employment in the Republic of Serbia, annual
3. Monthly statistical bulletin
4. Statistical Yearbook of the Republic of Serbia
5. Statistical Pocketbook
6. Municipalities and regions in the Republic of Serbia

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