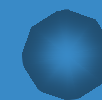


# USE OF SBR IN STATISTICAL OFFICE OF MONTENEGRO AS UNIQUE SURVEY FRAME FOR NATIONAL BUSINESS STATISTICS



**MONSTAT**

*By Marijana Popovic-Rencevic, M.Sc.*



- I. Statistical business register – introduction
- II. Purpose of SBR
- III. The sources of the register maintenance
- IV. Questionnaire for updating of statistical business register
- V. Use of SBR in Statistical office of Montenegro as unique survey frame for national business statistics

# I. Statistical business register – introduction



- Statistical Business Register of Statistical Office of Montenegro was created in early year 2007;
- Statistical business register is composed of two parts: the administrative and statistical part;
- There is always a consistency between these two parts of the registry;
- Administrative sources and different statistical surveys are used for updating this register;
- There are variables for each of these units in the statistical business register, as follows: identification, stratification, demographic and relational.

## II. Purpose of SBR

[www.thmemgallery.com](http://www.thmemgallery.com)



- The SBR is used only for statistical purposes.
- It is maintained aimed at conducting statistical surveys as better as possible and receiving results from these surveys as precise as possible.
- The SBR is the sample frame for all statistical surveys which uses enterprise and/or parts of enterprise as the reporting unit.
- To create the sampling frame – at the end of November of current year the frozen version of the SBR shall be taken by the administrator and it shall be submitted in the access database to the head directly responsible for the Department for statistical registers and classifications.
- The sampling person shall establish lists of enterprises and shall send them to staff members who conduct statistical surveys.

### III . The sources of the register maintenance



- Maintenance of statistical business register is not a single process. It is continuous activity.
- We maintained our statistical business register from different source with different periodicity.
- The register sources can be administrative registers, register surveys, feedbacks from survey results and other sources.
- For the our Business Register, the most important source is the Tax Authority register. Except this register we, also, use Central register of business entities and Central Bank register.
- Also, we have signed Agreements of understanding with :
  - Montenegro Business Alliance
  - Montenegrin Employers Federation.

## II . The sources of the register maintenance/cont.



- Second source for maintaining of Business register are business register surveys. We have two BR surveys:
    - Survey for medium and large enterprises
    - Survey for legal units which has local units
    - Enterprise Groups survey
  
  - We, also, use:
    - Internet,
    - web pages and
    - yellow pages
- for business register maintenance.

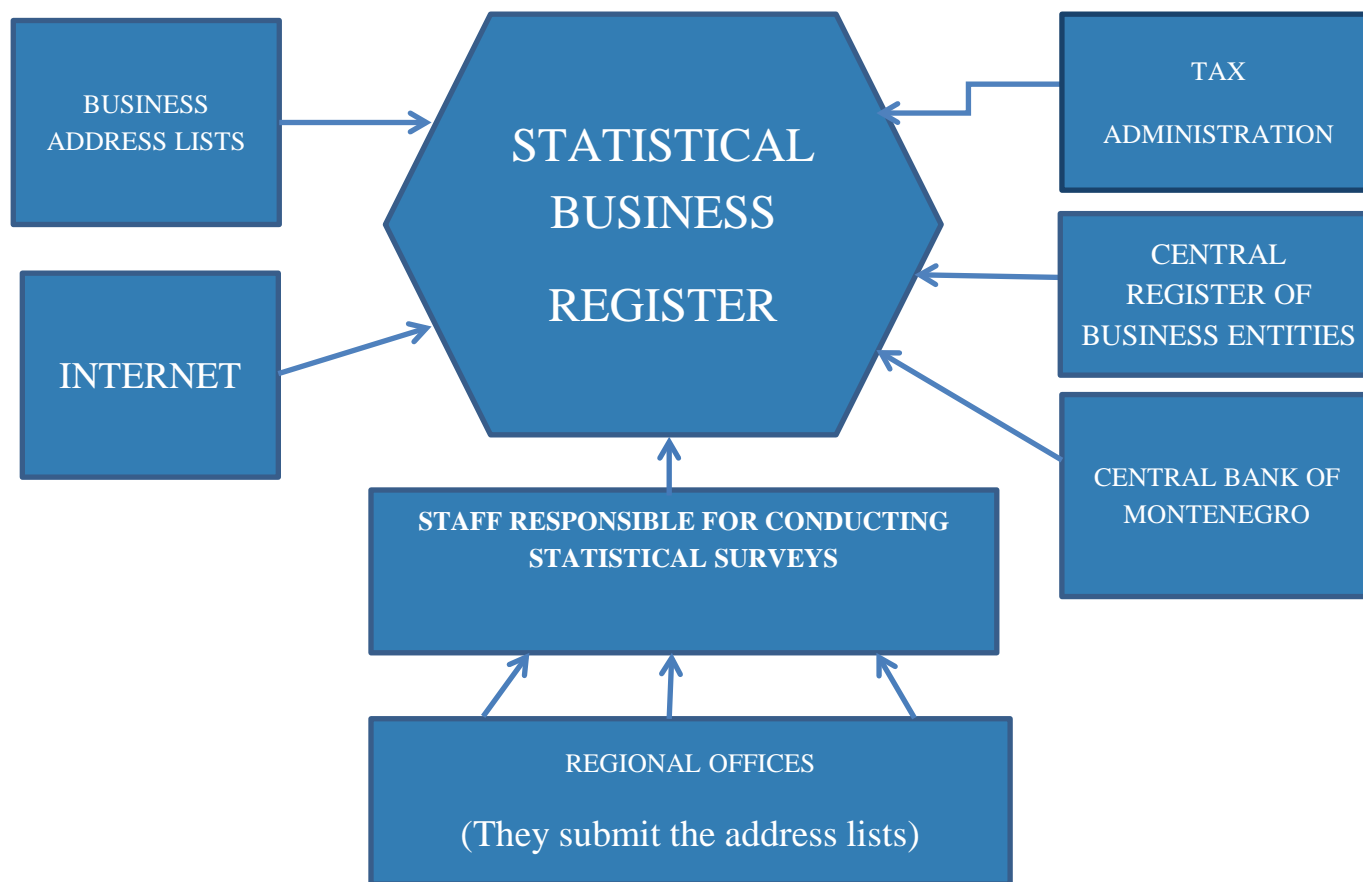
# III . The sources of the register maintenance - Diagram

www.thmemgallery.com



## ADMINISTRATIVE SOURCES

## ADMINISTRATIVE SOURCES



# IV. Questionnaire for updating of statistical business register



1. Identification number of business entity			
2. Name of business entity	Previous data	Date of change	New data
3. Address of business entity	Previous data	Date of change	New data
4. Name and surname of director	Previous data	Date of change	New data
5. Phone, fax, e-mail	Previous data	Date of change	New data
6. Legal form	Previous data	Date of change	New data
7. Type of ownership	Previous data	Date of change	New data
8. Principal activity	Previous data	Date of change	New data
9. Secondary activity	Previous data	Date of change	New data
10. Other activities	Previous data	Date of change	New data
11. Number of employees	Previous data	Date of change	New data
12. Start of performing activity	Previous data	Date of change	New data
13. End of performing activity	a) Liquidation b) Bankruptcy c) Merging d) Termination in other manner		
14. Activity status	1) Active 9)Inactive 3) Temporary inactive		
15. Name and surname of person who performed correction and data source			
16. Notes			



## V. Use of SBR in Statistical office of Montenegro as unique survey frame for national business statistics



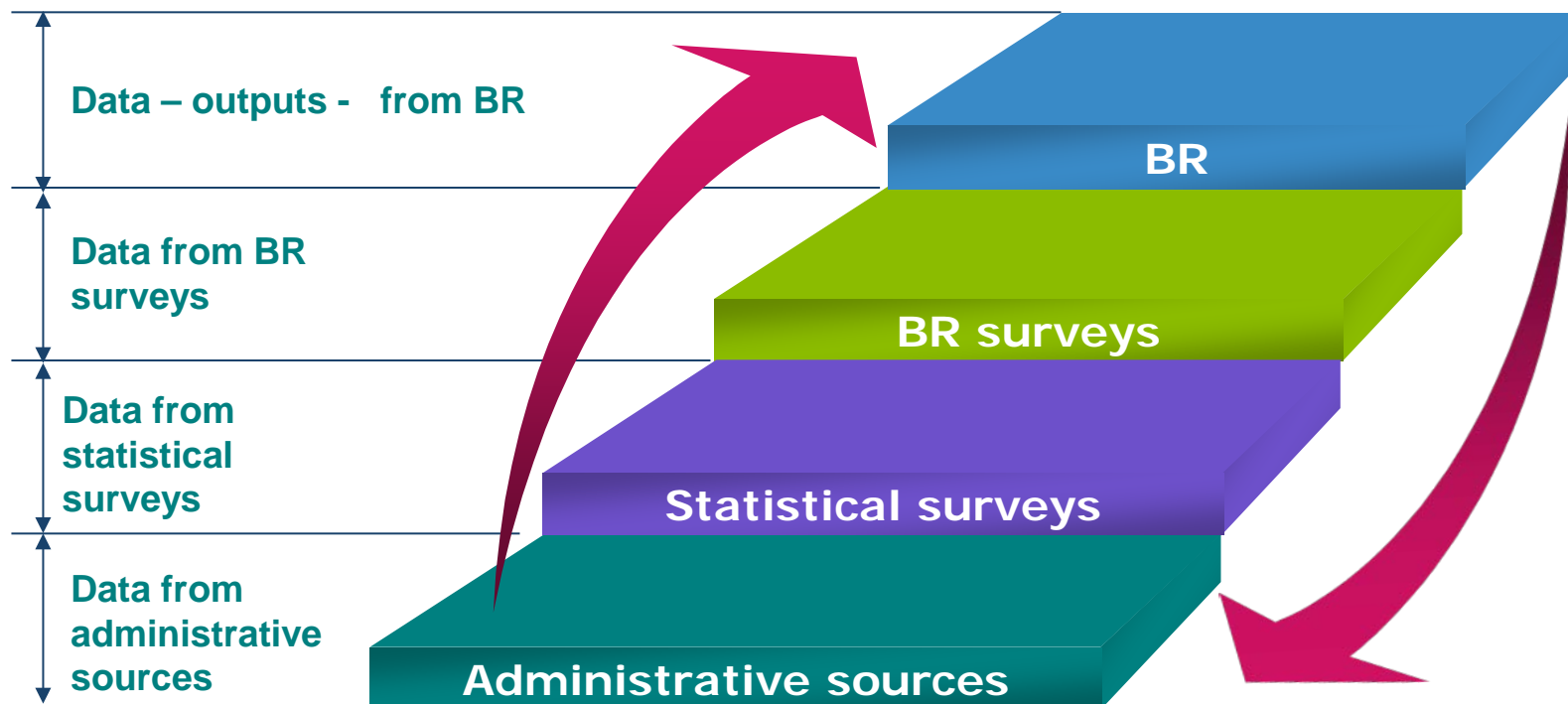
- The fact that this register is mostly updated from administrative sources tells that its quality very much depends on the quality of administrative sources themselves and the coherence of their variable definitions with the statistical definitions;
- Quality of business register depends on the quality of statistical surveys, and conversely, quality of statistical surveys depends on the quality of business register;
- In Statistical office of Montenegro, now, and during the years we use statistical business register as a sample frame for all statistical surveys which use enterprises and their parts as reporting units.
- At the beginning, situation was totally different.

## V. Use of SBR in Statistical office of Montenegro as unique survey frame for national business statistics/cont.



- After this period of basic using of statistical business register, we implemented new infrastructure and new process.
- We started to use unique identification number which is used by all administrative bodies and it was a key variable for linking data from different sources.
- We also created different identification numbers for different statistical units.
- Very important for maintenance of business register are feedbacks from statistical surveys. The data collection is built on the survey frame that is based on the register. During the data collection phase, accessing the respondents might reveal the error of the survey frame attributes, the changes of the address, name, the activity state, activity type or other attributes of the respondents. The same feedback can be gathered from questionnaires returned. We, also, use Internet, web pages and yellow pages for business register maintenance.
-

# V. Use of SBR in Statistical office of Montenegro as unique survey frame for national business statistics /cont.



## V. Use of SBR in Statistical office of Montenegro as unique survey frame for national business statistics /cont.



- After all, updating from different sources at the end of the year around 1 of December we make a frozen frame.
- From all statisticians we have different requests. Very important for outputs are good defined requests. Based on these requests we create their sample frames.
- Now, we are in the phase of testing of new application in which all statisticians will have possibilities to make a sample for their own purposes.
- We have a suggestion from foreign experts that we need to take a samples most frequently then now.
- For example, they suggested us that for monthly surveys take samples monthly, for quarterly every quarter etc..

## V. Use of SBR in Statistical office of Montenegro as unique survey frame for national business statistics /cont.



- The role of statistical business registers in the process of modernization of business statistics is very important.
- We recognized some new possible data sources and in near future we will analyze quality of data from them and maybe we will change priority rules.
- We, also, need to improve efficiency and timeliness of data in business register.
- The biggest our challenge is implementation and work on geospatial data in business register.

# MONTENEGRO





# Thank You !

e-mail: [marijana.popovic@monstat.org](mailto:marijana.popovic@monstat.org)

[www.monstat.org](http://www.monstat.org)