

## ABSTRACTS

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### POPULATION CENSUS IN THE SYSTEM OF STATISTICAL OBSERVATION

*M.A. Klupt, O.N. Nikiforov «Alternative methods of population censuses conducting: can they be implemented in Russia?»*

**Keywords:** population census, alternative methods of conducting population census, register of population.

Authors explain reasons for transaction to alternative methods of population census conducting and describe respective foreign experience, based on the registers of population and rolling census. Possibilities to implement alternative methods of censuses in the Russian Federation are also considered.

*Methodological guidelines on actualization of current population statistical data based on the results of population census of 2010 and recalculation of age and gender composition of population during intercensal period (based on materials of Interstate Statistical Committee of the CIS)*

**Keywords:** population census, current population statistics, age-sex composition of population, intercensal period.

The main purpose of this research is to represent the sequence of coordinated actions to revise data on population size for all years of the intercensal periods. The necessity to implement such measures is stipulated by the lack complete accounting of demographic events (births, deaths, migration), which complicates to carry out retrospective and prospective estimates of the population size. The paper presents not only steps of traditionally approved in demographic practice for revision and data update, but also highlights main directions of the research based on the latest international studies in this field.

### QUESTIONS OF METHODOLOGY

*Ya.V. Sokolov, M.L. Pyatov «Ways harmonize book-keeping and statistical methodology in order to improve reliability of economic information»*

**Keywords:** book-keeping accounting, statistical accounting, harmonization of book-keeping and statistical accounting, reliability of economic information.

In the course of harmonization of book-keeping and statistical accounting it necessary to assume that in reality these could exist some inconsistency of certain statements of normative regulations of Ministry of Finance, Ministry of Economic Development and Rosstat. The authors propose methodological algorithms to ensure harmonization of analog indicators in book-keeping and statistical accounting, using as an example selected statistical questionnaires (№ II-1 «Production and shipment of goods and service», № II-2 «Data on investments», № II-3 «Financial conditions of organization»).

*V.L. Karaseva «On estimations of non-observed economy in the CIS countries»*

**Keywords:** non-observed economy, shadow economy, informal sector, illegal activity, GDP.

Since 1990<sup>th</sup> the CIS countries national statistical services have undertaken measures to estimate non-observed (including shadow) economy to provide the complete coverage of GDP and its components. Calculations are carried out on the basis the comparable methodology in accordance with international standards adapted for characteristics and requirements of the CIS countries.

There are noticeable differences between the CIS countries in the absolute and relative volume of non-observed economy (which indicates both various degree of its extent and coverage). For estimation of non-observed and shadow economy the CIS countries use sources of information and methods of calculation accepted in the international practice. However, ways of measurement haven't been completely established yet, and countries continue to search for more adequate data and methods for their estimations.

## **STATISTICS OF NATURAL RESOURCES AND ENVIRONMENT**

*G.N. Romashkina, M.Yu. Gordonov, G.A. Phomenko, M.A. Phomenko, E.A. Arabova «Development of natural resources value accounting in Russia»*

**Keywords:** natural resources, system of national accounts (SNA), market value, cadaster, economic rent.

Methodological aspects of natural resources estimation as a component of national wealth, in the framework of SNA are studied in this article. Results of various natural resources value estimates performed by R&D project Institute «Cadastre» in 2007-2009 in cooperation with Rosstat and its territorial offices are analyzed. Some data are presented by regions of Russia. Proposals for further development of natural resources estimation, the improvement of information base and methods of compilations and analysis are formulated.

*T. Todorov «Some problems of environmental statistics»*

**Keywords:** environment, ecological statistics, quality of environment.

The high-quality information is extremely vital for management of environment protection measures. The structure and contents of ecological statistics, development of unified subsystem for ecological statistics based on the principle of territorial data comparability are reviewed. Special place in the research goes to questions of statistical methods to study atmospheric air quality.

## **IN THE SYSTEM OF STATE STATISTICS**

*Yu.K. Golovanov «Rendering state service “Supply of official statistical information to population and organizations inquiries” with unified portal of governmental services»*

**Keywords:** unified portal of governmental services, official statistical information, public service.

Gradual transition of the Rosstat to rendering public service «Supply of official statistical information according to population and organizations with the unified portal of governmental services is presented in this article. Brief description of the Unified Interdepartmental Statistical Information System (UniSIS) which is the source of official statistical information for rendering public service by Rosstat is given. Basic principals of standard queries formation, their registration, monitoring and processing and supply of citizens and organizations with responses are presented.

See - <http://government.ru/eng/docs/10303/>

*V.P. Kandilov, O.Yu. Semenova, T.V. Malysheva «Information provision for the system of indicative management of Republic of Tatarstan social and economic development»*

**Keywords:** indicative management, qualitative and volume indicators, quality of life, monitoring.

The system of indicative management of socio-economic development is one of effective forms of control over the processes related to the economic security of the Republic of Tatarstan. The article describes organizational principles of the indicative management and technology of its information support.

*T.I. Antonova, L.P. Valentseva «Statistical register in the system of small and medium business statistical observation»*

**Keywords:** small and medium businesses, complete statistical survey (observation), statistical register of business agents and legal entities.

Complete federal statistical survey of small and medium organizations is conducted to improve the information provision for «input-output» tables generation. During the first stage of preparatory works for this complete survey the attention is paid to two main tasks: a) information of all potential respondents on the coming survey and b) the revision and update of administrative and statistical parts of the statistical register.

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