

### 95-TH ANNIVERSARY OF THE JOURNAL

*I. Eliseeva, A. Dmitriev «95-th anniversary of the Russia statistical journal»*

**Keywords:** history of national statistics, «Vestnik Statistiki», «Voprosy Statistiki», statistical science, official statistics.

*JEL:* A11, C40, C82.

The article provides the history of the founding and development of the Russia statistical journal (before 1994 it was entitled - «Vestnik Statistiki»), its role in the organization of state statistics and solving of scientific and methodological problems of statistical measurement within the framework of the history of national statistics as a whole and official statistics in particular. The continuity of the journal «Vestnik Statistiki» with its modern format «Voprosy Statistiki» which continues to be the only national specialized monthly statistical journal.

### QUESTIONS OF METHODOLOGY

*A. Dumnov, A. Kharitonova «Central framework of the System of Environmental and Economic Accounting»*

**Keywords:** System of Environmental-Economic Accounting (SEEA), System of National Accounts (SNA), ecological statistics, harmonization of ecological statistics and the SNA, natural resources, environmental management, environment protection..

*JEL:* C82, E01, F64, Q50.

At the 43rd Session of the UN Statistical Commission (2012) was adopted as an international standard the Central Framework of the System of Environmental and Economic Accounting (SEEA), which is a guide for implementation of this System on statistical practice. The SEEA Central Framework reflects the outcome of long-term work on linking indicators of natural resources, natural resources use and protection of the environment with the aggregates and accounts of SNA. Analysis of some materials of this Central Framework is presented in this article.

*N. Sadovnikova, E. Klochkova, O. Alexandrov, D. Tabachnikova «Methodological approaches to assessing the level of satisfaction of the population with the quality of state services»*

**Keywords:** state services, satisfaction with the quality of state services, indicators of satisfaction with the quality of state services, Integrated Portal of State and Municipal Services.

*JEL:* L88.

Some methodological approaches to creating a system of derived indices, necessary for assessing the satisfaction of the population with the quality of state services are developed. Statistical tools for measuring the relevant indicators are suggested.

### STATISTICS OF POPULATION

*O. Shubat «The demographic development of the Ural Federal District: statistical study of fertility»*

**Keywords:** fertility, Ural Federal District, Sverdlovsk region, demographic potential, seasonal decomposition.

*JEL:* J11, J18, C22.

The article presents the results of statistical and econometric survey on fertility in the Sverdlovsk region. Based on the analysis of fertility time series it is concluded that Ural federal district as a whole and the Sverdlovsk region in particular have an increased demographic potential. The method of structural decomposition of the time series of monthly fertility gave an opportunity to estimate trend, seasonal and irregular components in its dynamics and to identify the features of reproductive behavior of the population in the Sverdlovsk region.

*T. Aniskina, A. P'yankova, S. Timonin «Geo-Information Systems in the Population Census: International experience and its application potential in Russia»*

**Keywords:** population census, Geo-Information Systems (GIS), address database.

*JEL:* R100, J110.

This article provides a review of international experience of the GIS implementation in the population census in the logic of its main stages, as well as recommendations for the gradual implementation of the GIS in the next population censuses in Russia. Approaches towards creation of spatial address databases in the preparatory phase, use of tablet computers and positioning systems during the census, cartographic visualization of census at the stage of distribution are amplified. The questions of census data confidentiality are discussed.

## RESEARCH OF SOCIAL AND ECONOMIC PROCESSES

*V. Shunin, M. Shelomentzeva «Peculiarities of the labour resources formation processes of the Smolensk region»*

**Keywords:** labour resources, working-age population, birth rate, death rate, life expectancy, region, regional economy.

*JEL:* E24, J21, R23.

Questions of the labour resources formation processes of the region are reviewed. Analytic materials, demonstrating the impact of labour resources formation processes on the economic development of the Smolensk region are described. The appropriate management decisions regarding the regional and municipal questions may be based on the results of the performed research.

*I. Schneiderman, N. Nozdrina «Experience of integral features of the housing sphere development level in regions of the Russian Federation»*

**Keywords:** housing provision, housing construction, dilapidated housing, provision with communal utilities, coefficient of housing affordability, regional typology, special and integral ranks.

*JEL:* C10, I32, P25, R21, R31.

The article examines regional differentiation of indicators of the level of the housing sphere development in Russia. Regions (constituent entities) of the Russian Federation are subdivided by rank and type, by five indicators: level of provision of the population with housing, housing construction, share of dilapidated housing, ratio of dwellings with basic communal utilities, coefficient of housing affordability to people in the secondary market. On the basis of these indicators the authors constructed an integral rating of the regions and separated regions-leaders, medium regions and outsiders.

*N. Selyutina «On the provision of population with quality housing (case study: the Central Federal District)»*

**Keywords:** quality housing, element of improvements, regional indicator, Central Federal District, training sample, linguistic variable, Harrington transformation, desirability function, correlation analysis, factor analysis, hodograph.

*JEL:* I32.

The article presents a method of integral evaluation of the provision of population with quality housing. The singularity of this approach lays in non-linear transformation of indicators to partial indices on the basis of the Harrington function with their subsequent combining into a generalized indicator on the results of factor analysis. The method was tested on the example of regions of the Central federal district.

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