

ABSTRACTS

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QUESTIONS OF METHODOLOGY

E. Baranov, I. Kim, E. Staritsyna «Methodological questions of the reconstruction of «Input - Output Tables» of Russia for 2003 and the following years under the structure of the OKVED - OKPD»

Keywords: «Input-Output Tables», classifications harmonized with NACE and CPA, experimental calculations, deflators calculation, supply and use tables, trade-and-intermediary margins, net taxes on products.

Compilation of «Input - Output Tables» in the Russian Federation in 1995-2003 was carried out annually in line with classifications acting since the Soviet period. Transition of the Russian statistics to classifications harmonized with NACE and CPA led to a break in the development of «Input-Output Tables». The first «Input-Output Tables» carried out in accordance with NACE and CPA will be issued no sooner than 2015 and will be based on 2011 data. It'll take several years to form time series for such tables. However, the recent release of the detailed sectoral production accounts data for 2003-2009 broke down by 70 kinds of economic activities made it possible to implement experimental calculations on transformation of previously published «Input - Output Tables» and available pilote projects for them in the Soviet classification in the tables corresponding with NACE and CPA. Methods of use tables data conversion at current prices by industry in line with NACE and by products in line with CPA, as well as methods for forming supply and use tables at constant prices of buyers and basic prices, deflators calculation for the performance domestic and imported products expenditures for the intermediate and final consumption, transport and trade-and-intermediary margins and net taxes on products are discussed in this paper.

I. Mamiy «Methodological approaches to energy balances development in statistical practice»

Keywords: energy, primary and secondary resources, complete and final energy consumption, energy balances, government's balance of fuel and energy mineral resources.

Various approaches to energy balances compiling, suggested by International statistical organizations, International Energy Agency (IEA) and the Federal State Statistics Service (FSSS) are analyzed in this article; differences in some key indicators of fuel-and-power resources and measurement units interpretation are revealed; problems of balance compiling in physical and value indicators are discussed.

RESEARCH OF THE INNOVATION ECONOMY

V. Bessonov, N. Brodsky, S. Zhuravlev, A. Stolyarova, A. Frolov «Development of the ICT sector in the Russian economy»

Keywords: information and communication technologies (ICT), telecommunications, economic growth, inflation, crisis, long-term development, economic statistics.

Development of ICT sector and its role in the Russian economy is presented in this article. It is shown that the Russian ICT sector demonstrates an intense and sustainable growth with fast declining relative prices, thereby increasing productivity in the economy and restraining influence on inflation. Several development problems of the sector under review are examined. Governments' policy in terms of optimizing the impact of ICT on the economy and society is discussed.

L. Nikitin «Business-models structure of high-tech companies»

Keywords: innovation; business model; knowledge-based industries; post-industrial economy; value creation, R&D management, intellectual property management.

A well balanced business model is required for a successful and sustainable development of a high-technology company, as well as the whole knowledge-based industries of national economy. The structure of high-tech companies' business models includes a few innovative elements reflecting specific technological and strategic factors of running business in respective sectors, along with factors of innovation process positioning and intellectual capital management.

E. Karpov «Statistical research on patent activity in the Russian Federation in 2000-2010»

Keywords: patent statistics, patent, patent law, intellectual property, patent for an invention, Rospatent, useful model, design invention.

The development of a patent market of the Russian Federation in 2000th is examined in this article on the basis of statistical methods. Structural analysis by patent types is presented, influence of foreign applicants on the Russian patent space is estimated.

ENTREPRENEURSHIP IN RUSSIA: INTERREGIONAL COMPARISONS*V. Elakhovsky, E. Popovskaya «Typology of regions of the Russian Federation by the development level, structure and forming factors of entrepreneurial potential (on the basis of data from APS «Georating»)»*

Keywords: entrepreneurial potential, mathematical-and-statistical modeling, entrepreneurial potential development level, entrepreneurial potential structure, entrepreneurial potential formation factors.

System of indicators characterising entrepreneurial potential of regions of the Russian Federation was formed on the basis of a survey conducted by the Public Opinion Foundation and in which participated 59,6 thousand respondents. In line with the entrepreneurial potential concept three major groups of indicators were allocated: tendency to entrepreneurial activities, entrepreneurial activities framework conditions, entrepreneurial activities implementation. The database formed as a result of the study allows, according to the authors, to comprehensively assess the level of entrepreneurial potential of the region, and also not only to identify its most resilient components, but to use it as a predictive model for estimation of expected effectiveness of measures to support and stimulate the development of entrepreneurship.

E. Popovskaya «Regional differentiation of entrepreneurial activity of population»

Keywords: entrepreneurial activity of population, stages of entrepreneurial activity, system of specific indices of entrepreneurial activity of population, survey program, regional variety of entrepreneurial potential.

Program's survey of entrepreneurial activity of population in regions of the Russian Federation methodological approaches and results are presented in this article. Using «Global Entrepreneurship Monitor» methodology made it possible to study the overall entrepreneurial activity of population and estimate its stages (newly-emerging, new and long-standing entrepreneurs) for both the Russian Federation and its each region.

FACTS, ESTIMATES, FORECASTS*V. Kandilov, O. Krasnova, S. Kudryavtseva «Gross regional product and living standards of population in the Republic of Tatarstan»*

Keywords: Gross Domestic Product (GDP), Gross Regional Product (GRP), Quality-of-Life Index, Human Development Index (HDI).

Dynamics of the GRP and quality of life of population of the Republic of Tatarstan is analyzed in this article. Correlation between economic growth rates and living standards is shown on the basis of economic-and-mathematical modeling. Conclusions were formed in accordance with economic-and-statistical statistical analysis performed.

T. Kossova, E. Kossova, V. Sukhodoev «Statistical research of interregional differences in alcohol consumption of population in the Russian Federation»

Keywords: alcohol consumption, interregional differences.

The subject of this article is a research on interregional differences in volume and structure of alcohol consumption based on official statistical data and testing of a hypothesis about various macroeconomic factors influencing alcohol consumption. This testing was carried out with regression analysis method on the basis of data from regions of the Russian Federation. Indicators used in the analysis were received from official state statistics' sources that are free to access on respective web-sites.

Due to the lack of data on alcohol consumption by regions, sales rates of alcohol beverages in per capita volume terms (broken down by commodity) were used as proxy variables of alcohol consumption. On account of information on percentage of spirit in all alcohol products under review per capita indices of absolute alcohol consumption were estimated for each region specifically, contribution of each product into its forming was also assessed.

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