

ABSTRACTS

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QUESTIONS OF METHODOLOGY

G. Kuranov «Seasonality and cyclicity as structural factors of macroeconomic dynamics»

Keywords: GDP, investments in fixed capital, dynamics, seasonality, economic cycles.

Seasonality and cyclicity - are two influential factors that affect dynamics of macroeconomic indicators both during the year and longer periods of time. In this article are discussed methodological questions that arise during seasonal decomposition of the GDP by factors for the year when balance aggregate and factors ratio is constant. Economic cycles mechanisms origin and their identification questions based on the combination of classical methods of spectral analysis and historic approach. Presented is the fact that along with more regular cycles such as investment and Kondratiev wave, influence of shocks (such as «oil prices crises») appear so called causal cycles that lead to a serious change in technological base of production. Particular importance (emphasis is placed on) a new technological wave which is expected to strike the world in 2020th and those goal set before the Russia. This research is done on the basis of world and Russian (national) statistics.

A. Dumnov, G. Phomenko, O. Ladygina «Macro accounting of environmental activities: some innovations»

Keywords: environment, environmental costs and received income, statistical aggregates, institutional sectors, the survey of costs and revenues.

New elements of macroeconomic statistics of expenditures and revenues in the environmental activities which appeared in 2011 in European countries and in our country. A detailed analysis of one of the most recent publications by Eurostat and the European Commission as well as a one-time sample survey conducted in Russia is carried out. Main methodological principles and some organizational issues are revealed. Specific statistical data in tabular and graphical form is presented. Brief conclusion are made and concrete proposals are formulated.

REGIONAL STATISTICS

I. Aizinova «Territorial differences in market services consumption of the population»

Keywords: market services, housing-and-communal services, transport services, communication services, everyday services, territorial differences, income differentiation, tariffs on market services.

Territorial differences in consumption of basic kinds of market services (market services, housing-and-communal services, transport services, communication services, everyday services) by federal districts and selected regions of the Russian Federation are presented in this article. Consumption territorial variations are examined in connection with income differentiation and tariffs dynamics which serves as its main factor and prevents from growth acceleration of market services sphere.

S. Suslova, E. Gordeeva «Factors of regional differences on the scale of a non-commercial sector in the Russian Federation»

Keywords: non-commercial organizations, theories of the non-commercial sector, size of the non-commercial sector, correlation analysis, regions of the Russian Federation.

The article presents the results of research on social and economic causes of discrepancies in the size of non-commercial sector in regions of the Russian Federation. All considered social-and-economic factors were classified according to basic economic theories of non-commercial organizations into demand and supply factors on the basis of this business pattern. The results of the correlation analysis of social-and-economic indicators and a number of non-commercial organizations in regions of Russian Federation enable authors to suppose that development of the national third sector is determined, to a greater degree, by supply based on citizens' initiatives in the sphere of public goods of various types production.

IMPLEMENTATION OF MATHEMATIC AND STATISTICAL METHODS

V. Peresada «*Statistical data comparison in groups by kinds of economic activities and industry-based principle*»

Keywords: «Input-Output» Tables, production sphere, consumption, savings, total consumption.

Statistical data of the «Input-Output» Tables for the US economy presented by V. Leont'ev and «The symmetrical «Input-Output» Table for the Russian Federation» produced in 2010 by the Federal State Statistics Service are compared in this article.

Some Russian economy data discrepancies along with their causes are analyzed. The necessity of joined analyses of production sphere of the economy and final consumption sphere of multi-product economy, as a dynamic system, is shown.

N. Kovtun, A. Ignatyuk «*Multidimensional estimation of potential and economic development level of Ukraine, broken down by kinds of economic activities*»

Keywords: multidimensional average, standardization, rating, repeated standardization, typology.

The composite rating of kinds of economic activities was formed on the basis of multidimensional average; their potential, level and development rate, along with the definite trends and directions of Ukraine's economy development broken down by the kinds of economic activities was implemented.

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