

## ABSTRACTS

### STATISTICAL STUDIES, 2013, № 4

#### DEVELOPMENT OF STATE STATISTICS

Z. Ryzhikova «*Organizing and conducting surveys on selected aspects of employment, remuneration of labour and use of information technology and information-and-telecommunication networks by population*»

**Keywords:** state social policy, federal statistical observation, social and scientific workers, employment, remuneration of labour, information technology, information-and-telecommunication networks.

*JEL:* C81, J31, L86.

The author provides characteristics of the work done by statistical authorities in the current year on the creation of an information base for the monitoring of implementation of the government social programs. The article considers the problems of organizing the federal statistical observation on the number and labour remuneration of certain categories of social and scientific workers; organizational and technical framework for the collection and automated processing of the statistical observation materials; official statistical information presentation and presenting it to users; methodology for calculating the average wages by categories of workers, as well as the federal statistical observation of information technology and information-and-telecommunication networks usage by population.

E. Frolova «*Implementation results of sample surveys system on social and demographic issues in 2011-2012 and plans for 2013*»

**Keywords:** sample survey on social and demographic issues, living conditions of population, income of population, participation in social programs, reproductive plans, the quality and availability of services, promoting employment, food ration, effect behavioral factors have on health status of the population.

*JEL:* C83, J11.

Basic implementation results of the system of sample surveys conducted by state statistical agencies in 2011-2012 on social and demographic questions, including organizational and methodological issues of complex sample survey on living conditions, income and participation in social programs, reproductive plans of population. Tasks for the sample surveys asystem in 2013 - quality and accessibility of services in education, public health, social services and employment assistance, food ration of population, effect behavioral factors have on health status of the population - are considered.

S. Egorenko, I. Kondrat 'eva «*Priority to ensure confidentiality of primary statistical data and publications of summary statistical data by territorial entities*»

**Keywords:** privacy, primary statistical data, priority of the statute law amidst conflict of law, confidentiality of an item-by-item administrative data.

*JEL:* C80, C81, C82.

The authors present position of the Federal State Statistics Service and selected measures for the implementation of the Federal Law «On the official statistical records and state statistics system in the Russian Federation» in terms of ensuring confidentiality of primary statistical data provided by the respondents, and their use for the sole purpose of compiling official statistical information.

#### QUESTIONS OF METHODOLOGY

E. Zarova, S. Musikhin «*Operational monitoring of social and economic development of the Russian Federation in the state strategic planning system*»

**Keywords:** operational monitoring, state strategic planning, indicators of socio-economic development, short-term indicators, risk assessment.

*JEL:* C18, C36, L51.

The paper claims that the the need for a operational (monthly) statistical monitoring social and economic development of the Russian Federation in the common monitoring system as an element of state strategic planning. The design procedure for partial and generalized indices in operational monitoring system reflecting the course of regions of the Russian Federation to the target parameters of social and economic development strategies.

L. Kitrar, G. Ostapkovich «*Issues of measuring business cycles: development of conceptual designs and basic observation parameters*»

**Keywords:** business cycle, crisis theory, rational expectations, cyclical factors, cycles frequency, turning points, dating, phases of cycles, cyclical monitoring.

*JEL:* E32, C81, C82.

This article presents a brief development history of basic concepts, facts and definitions related to the economic processes cycles measurement.

## Abstracts

It deals with key factors for the inclusion of qualitative business climate indicators in the short-term cyclic development monitoring of the basic branches of the Russian economy.

### *O. Rybak «Methodological problems of measuring expected years of schooling»*

**Keywords:** Human Development Index, expected years of schooling, education coverage of population, Russia population census, information support of the expected years of schooling estimation, typological groups of students, net and total education coverage ratio (enrollment ratios), coefficients of additional calculations, comparative analysis of international practice, implementation in estimation of the expected years of schooling, international and national classifications of education.

*JEL: A20, C81, C82, I20.*

The article focuses on substantial differences in expected years of schooling received after calculating performed in accordance to international and national practices; main causes of the quantitative discrepancies are presented. Typology of population groups for net and total education coverage ratio (enrollment ratios) use is proposed. The technique for determining and application of additional calculations coefficients of the number of students is developed. Organizational and legal issues of functioning of the national educational system, affecting the validity of international comparisons of expected years of schooling are identified.

### *S. Biryukova «Methodology for assessing the contribution of migrants to the reproduction of the population of Russia on the basis of the data from civil registry»*

**Keywords:** methodology for assessing the contribution of migrants to the reproduction of the population, current population record, current fertility and mortality statistics, contribution of migrants to birth and death rates.

*JEL: J11, J15.*

This article comments on the results of a pilot calculations of the contribution of migrants to the birth and death rates estimate in ten regions of the Russian Federation for 2009, derived from the current mortality and fertility statistics. Calculation methodology for the system of birth and death indicators - general and age-specific fertility and mortality rates for migrants and indigenous population - is suggested to compile this evaluation. The author claims that the results do not allow to make decisive conclusions on influence migration has on mortality and fertility indicators in Russia.

## RESEARCH OF INNOVATION PROCESSES

### *M. Arkhipova «Innovations and living standards of population: analysis of interconnections and key development trends»*

**Keywords:** innovations, innovation activity, living standards, interconnection of innovations and living standards.

*JEL: C15, I31, O31.*

This article is dedicated to analysis of interconnections of innovations and living standards of population. Subjective respondents' assessments and objective country's rating comparisons allow, in authors' opinion, to assess attitudes of population of the Russian Federation towards the ongoing reforms.

### *V. Yeremkin «Evaluation of venture financing of early stages of innovation activities in Russia»*

**Keywords:** innovation activity, investments, venture capital, seed stage, start-up stage, R&D, venture capital funds, business angels. *JEL: G24, O31.*

The article considers the problem of venture financing of early stages of innovation activities in Russia. Analysis of main indicators of venture investment for 2007-2011 and of distribution of venture capital capacities across the stages of innovation company development is conducted, and main sources of venture capital investment are identified. Based on this analysis, conclusion about the necessity to expand venture financing of Russian companies, which are at the seed or start-up stages of development, by strengthening interaction between government institutions and private investors in the framework of system approach to financing of innovation is made.

*V. Kandilov, O. Krasnova, S. Kudryavtseva «Innovation activity and competitiveness of economy of the Republic of Tatarstan»*

**Keywords:** innovation, the cost of innovation, innovation activity rate, infrastructure of innovation, innovation activity, competitiveness, European innovation scoreboard.

*JEL: O11, O31.*

The paper analyses innovation activity of enterprises and infrastructure of innovation the Republic of Tatarstan. The comparative analysis of innovation activity rate of regions of the Privolzhsky (Volga) Federal District by methodology of European innovation scoreboard are presented. Based on matrix modeling and factor analysis of innovation activity the authors submit economic results.

## FACTS, ESTIMATES, FORECASTS

### *A. Frenkel, L. Roschina «Industry of the Russian Federation in 2012-2014»*

**Keywords:** industry, production, growth rate, dynamics, trends, forecast, economy.

## *Abstracts*

*JEL: C32, C43, C53, L60.*

The author analyses industry growth rates in modern Russia. The current situation by economic activities and selected branches is evaluated. Medium-term forecasts of industrial development is presented.

*A. Manell'ya «Grain crops yield dynamics in Russia for 1801-2011»*

**Keywords:** grain crops, yield, dynamic rows, harvested acreage, crop acreage.

*JEL: C32, C43, C53, O13.*

The dynamics raw of yield indicators for grain crops in Russia for 1801 -2011 is presented. Data sources for yield are reviewed, yield levels discrepancies, calculated with crop and harvested acreage, are analyzed.

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