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SNA methods in study of digital economy in Russia

Different kinds of activities in Russia are interlinked via digital platforms which in turn mediate between households in peer-to-peer transactions in transport and other services thanks to digital economy development. That exacerbates the problems of statistical measurement on rising numbers of new interaction models among economic agents. SNA methodology should provide for higher granularity of some provisions to improve output and value added statistical accounting of the above services and include them in GDP, as well as their impact on well-being.

The SNA is a tool of macroeconomic management and industry regulation. The possibilities of adjusting GDP are expanding due to the need to reflect digitalization processes and the emergence of new types of operations. This is connected with the adoption of the SNA UN 2008 international standard. When studying the digitalization of markets for goods and services, new phenomena and trends in the economy and the social sphere emerge, requiring in-depth analysis both at the sectoral level, at the regional level and at the macroeconomic level, taking into account the growing volumes of household peer-to-peer operations through digital platforms.

The Russian Federal State Statistics Service advances and develops SNA and GDP methodologies (Federal State, 2010¹; About GDP, 2018²). CIS

¹ Federal State Statistics Service. Rosstat methodologica l programs. Methodological development in statistical areas. Available at: http://www.gks.ru/bgd/free/meta_2010/Main.htm

² About GDP production in the second quarter 2018. Available at: http://www.gks.ru/bgd/free/B09_03/lssWWW.exe/Stg/d01/175.htm

Statistics Service works out further guidelines for the CIS zone (The Measurements, 2003³; The Survey, 2008⁴).

“Beyond GDP” Agenda is the concept which expanding approaches of studying of welfare of the population also considers not only economic factors, but also social, satisfaction with life, state of environment, health of the population and other.

The purpose of the article is to study peer-to-peer transactions of households via digital platforms of online taxi services under sharing economy. The research methodology is based on one hand on the key principles of SNA international standard and on the other – on some concepts of well-being and “Beyond GDP” Agenda.

³ The Measurements of Non-Observed Economy. 2003. A guide, 296. Available at: http://www.gks.ru/free_doc/new_site/vvp/metod.htm

⁴ The Survey of Informal Activities Estimates as GDP component in the CIS. (2008). Available at: cisstat.com