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The effect of the quantity on the quality in the evaluation of the population satisfaction with the medical infrastructure facilities (by the example of the republic of Tatarstan)

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Abstract

The task of the study consisted in identification of correlation between the provision of population with the medical infrastructure facilities and their satisfaction with the operation of these facilities. In the programs of development of the countries of the world the benchmarks in the forms of the high standards of operation of the health care facilities, the leveling thereof from the territorial and social perspective are described. By the example of the Republic of Tatarstan this paper proposes the methodological approach to comprehensive analysis of the medical unit of the regional social infrastructure. During the comprehensive analysis we used the indicators taking into account the presence, level of development (subjective estimate), economic efficiency, social satisfaction (objective estimate) with the social infrastructure facilities (medical unit). For evaluation of the population satisfaction there was conducted the direct questioning with the general sample of 5 000 persons broken down by the territory with assignment of the index estimate. For assessment of economic efficiency we used the procedure taking into account the financial losses arising from the temporary incapacity of the employed population of the region. The results of the study were presented in the form of map charts (by all indicators), there was also designed a map chart with the matrix representation of the subjective and objective estimates that allows identifying the differentiation of the districts of the republic by the indicators under investigation. The use of this approach is also substantiated for the rest of calculations in case of evaluating an array of heterogeneous information.

Keywords

Competitiveness, Economic efficiency, Infrastructure, Matrix representation of indicators, Medical geography, Regional development, Satisfaction, The Republic of Tatarstan