

METHODS OF FAMILY INCOME ESTIMATION IN THE TARGETING SOCIAL ASSISTANCE SYSTEM

M.H. MAMEDOVA, Z.G. DJABRAILOVA

ABSTRACT. Incomes as the main criterion of social stratification of a society not only determine its financial position, but also appreciably display a condition and efficiency of economy and economic relations in a society.

In this paper the technique of an estimation of incomes of the family, basing on use of fuzzy logic is described. This approach allows to reflect in an estimation of family incomes model the incomplete and inexact information, the qualitative and quantitative data, criteria set and their weights, expert knowledge and gives an opportunity more adequately to reflect a real situation with a poverty level in each separately taken family.

It is shown, that the made individual conclusions on families can be successfully applied for maintenance of decision-making support on an establishment of real applicants for reception of the targeting social assistance and definition of its size.

Key words: the targeting social assistance, the family income, fuzzy relational model, methods of family income estimation.