

Improving statistical literacy as an important element in shaping the worldview of young people

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Abstract. The article is devoted to the current topic of modernity – improving the statistical literacy of young people. The information resources generated by statistics give an idea of the events taking place and form a certain worldview. The authors of the article have repeatedly addressed in their publications the issues of the place and role of statistics in modern society, statistical education, statistical literacy, interpretation of statistical information, problems of inadequate statistics, openness of statistical information. This allowed them to consider in detail in the article the issues of the influence of statistical literacy of young people on the formation of their worldview. The role of statistical literacy of young people in the conditions of virtualization of the information space and the appearance of fake content in it is considered. Methods of theoretical research in the form of generalization, comparison and special analytical procedures are used. The material can be useful in interpreting the results of statistical research, drawing up curricula. The article provides a review of the literature devoted to the problems of statistical literacy of young people and the negative consequences of incorrect perception of information. It is noted that young people, due to insufficient statistical literacy, often unambiguously perceive unofficial information as correct. There are three elements of statistical literacy: the ability to find reliable quantitative information, the correct understanding of its content and the ability to use it for their own purposes – additional calculations, argumentation, analysis, etc. Statistical data have the following properties: visibility, concreteness, relevance, officiousness. Statistical information becomes attractive for various manipulations. It is in these conditions that there is an increasing need to improve the statistical literacy of young people, which should include three elements.

Keywords: statistical information, statistical indicators, economic interpretation, statistical literacy of youth, elements of statistical literacy

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