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DETERMINING THE LEVEL OF DEVELOPMENT OF TRANSPORT INFRASTRUCTURE IN RURAL AREAS

In the transport system of rural transport infrastructure is an important element of successful functioning and sustainable development which has a huge impact on improving living standards and living conditions. Poor accessibility of settlements and the poor quality of roads entails a number of negative social phenomena. Therefore, it is advisable to determine the level of development of transport infrastructure in rural areas.

During the research methods were used: the index for normalization of variables; factor analysis – in determining the weight of each factor to calculate the complex index of development of transport infrastructure in rural areas and cluster analysis to determine the optimal number of clusters. The object of the study is to transport infrastructure of rural areas of Vinnytsia region.

The article stipulates that a comprehensive indicator of transport infrastructure development in rural areas consists of integral indicators of transport accessibility and transport security. The study found that areas of Vinnytsia region by generalizing indicators of transport accessibility and transport provision are grouped into three different clusters. Since transport infrastructure creates the conditions for the functioning of production and affects the standard of living of the population, these studies are of great importance for the development of rural areas of Vinnytsia region.

Key words: transport system, transport infrastructure, transport accessibility, rural areas.