

## **Impact of imperfect substitution (transformation) and preferences of economic agents on the level of food security criteria**

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### **Abstract**

The problem of the influence of imperfect substitution and imperfect transformation, as well as the preferences of domestic consumers and producers, on the level of food safety criteria is considered. For these purposes, the following concepts are introduced: the rational level of the food supply security criterion on the supply side and the rational level of the food security criterion on the demand side. Descriptive schemes for the formation of the level of the criterion of food security in conditions of imperfect substitution and imperfect transformation are given. It is concluded that in real terms (imperfect substitution and imperfect transformation), achieving 100% of the level of food safety criteria is, in principle, impossible. The formation of levels of the criterion of food security is a consequence of the rational behavior of all economic agents.

**Keywords:** *food security, criteria, imperfect substitution, imperfect transformation, economic agent*

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