

METHODICAL ISSUES OF ASSESSING THE EFFECTIVENESS OF SMALL BUSINESS ENTITIES IN FOREIGN TRADE ACTIVITIES

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The evaluation of the effectiveness of small entrepreneurial entities' participation in external trade activities is a complex process, as their organizational structure, such as microfirms, small businesses, etc., is not formally established, and various indicators that measure the success of external trade activities in the field of their economic activity can be difficult to obtain.

Therefore, in order to systematize this process, we recommend the following steps:

Step 1: Define the absolute values of indicators (AVI) for the analysis period of small entrepreneurial entities' participation in external trade activities within specific regions. In this case, official statistical data on the duration of small business activities in the Republic of Uzbekistan is used as a source of information.

Step 2: Determine the average annual value (AAVI) for each specific indicator in the regions where small entrepreneurial entities are active. The following formula is used:

$$AAW = \frac{\sum_{i=1}^n K_i}{n} \quad (1)$$

K - a specific indicator of the level of development of small entrepreneurial entities;

i - the year for which the analysis of the level of development of small entrepreneurial entities is carried out;

n - the number of years in the analysis period.

Step 3: Determine the specific index values (SIV) of the level of development of small entrepreneurial entities based on the compositional analysis of the regions. The following formula is used:

$$SIV = \frac{RD_r}{RD_h}; \quad (2)$$

[[AAW]] _RD_r - the average annual value of the level of development of small entrepreneurial entities in the republic;

[[AAVI]] _RD_h - the average annual value of the level of development of small entrepreneurial entities in the region.

Step 4: Determine the total (integral) index value (IIV) of the level of development of small entrepreneurial entities within the regions. The following formula is used:

$$TIV = SIV_{PD1} \times SIV_{PD2} \times \dots \times SIV_{PDn} = \sqrt[n]{\prod_{i=1}^n SIV_{PDi}} \quad (3)$$

SIV_{RD} - specific index values of the level of development of small entrepreneurial entities.

Step 5: Define the absolute values of indicators (AVI) for the analysis period of small entrepreneurial entities' participation in external trade activities within specific regions. In this case, official statistical data on the duration of small business activities in the Republic of Uzbekistan is used as a source of information.

Step 6: Determine the average annual value (AAV) for each specific indicator in the regions where small entrepreneurial entities are active. The following formula is used:

$$AAV_{TC} = \frac{\sum_{i=1}^n K_i}{n}; \quad (4)$$

K - a specific indicator of the level of participation of small entrepreneurial entities in external trade activities;

i - the year for which the analysis of the level of participation of small entrepreneurial entities in external trade activities is carried out;

n - the number of years in the analysis period.

Step 7: Determine the specific index values (SIV) of the level of participation of small entrepreneurial entities in external trade activities based on the compositional analysis of the regions. The following formula is used:

$$PIV_{ft} = \frac{AAV_{FTT}}{AAV_{FTH}}; \quad (5)$$

AAV_{FTT} - the average annual value of the level of participation of small entrepreneurial entities in external trade activities in the republic;

AAV_{FTH} - the average annual value of the level of participation of small entrepreneurial entities in external trade activities in the region.

Step 8: Determine the total (integral) index value (IIV) of the level of participation of small entrepreneurial entities in external trade activities within the regions. The following formula is used:

$$TIV = AAV_{FTT1} \times AAV_{FTT2} \times \dots \times AAV_{FTTn} = \sqrt[n]{\prod_{i=1}^n AAV_{FTTi}}; \quad (6)$$

IIV_{TS} - total (integral) index value of the level of participation of small entrepreneurial entities in external trade activities.

Step 9: Evaluate the correlation coefficient (CC) of the level of development and participation of small entrepreneurial entities (CC_{TS/RD}). This evaluation process can be performed using the following formula:

$$[CC]_{(TS/RD)} = [IIV]_{TS} / [IIV]_{RD}. \quad (7)$$

Step 10: Group the regions according to the correlation coefficient of the level of development and participation of small entrepreneurial entities.

List of used literature

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