

Multi-Factor Correlation-Regression Analysis of Increasing Socio-Economic Efficiency of Industrial Enterprises**Ibrokhimov D.T**¹**Khalikulov A. N**²***Abstract***

the multi-factor correlation-regression analysis of increasing the socio-economic efficiency of industrial textile enterprises, the effect of the change of the general economic and social indicator of the industrial textile industry is determined in the article

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Enter. Presidential and government decisions aimed at the rapid development of the textile industry in our country have been adopted, and the state program is being developed. State programs aimed at modernization and diversification of the textile industry are one of the most important conditions for expanding the volume and types of ready-made competitive products that are in high demand in foreign markets, increasing the efficiency and profitability of work and processing. Innovative technologies and modern methods of doing work, modern equipment and technology are characterized by high competition and saturation of the entire segment.

On January 10, 2023, under the chairmanship of President Shavkat Mirziyoev, a video selector meeting was held on the issues of industrial development and the determination of additional reserves, and decisions were made on the creation of several opportunities¹.

Discounts for carpeting, home textiles, networks. In 2023, additional funds were directed to textile projects. The President emphasized the need to increase the number of projects in the areas that provide these opportunities to residents and entrepreneurs.

Those who are not engaged in the textile industry and those who want to succeed in this field should develop a clear and competent strategy for the enterprise.

Analysis of literature on the topic. M.Q. Pardaev, M.M. Mukhammedov, Q.J. Mirzaev, O.M. Pardaev, I.S. Tukhliev and others

Research methodology. During the research, methods such as analysis and synthesis, induction and deduction, cause and effect, space and time, systematic approach, and traditional methods of financial and economic analysis were used when the connection between the result and factors is functional.

Analysis and results. As a result of the reforms being carried out in our country, positive changes are taking place in all areas of the economy. The role of light industrial enterprises is particularly important in the development of the economy, because we must emphasize that the raw materials for this sector are produced in our country itself. As a result of the conducted research, we can see several works being carried out to improve the socio-economic efficiency of industrial textile enterprises. Currently, the annual production capacity of "BARAKA TEXTILE" LLC produces 150,000 square meters of carpet products. It is planned to produce 200,000 square meters of carpets in the future. At present, the economic situation of the enterprise has been analyzed and shortcomings in each branch have been examined and studied.

For this purpose, we analyzed the factors affecting the formation of the performance indicators of "BARAKA TEXTILE" LLC, USING THE BALANCE METHOD FROM THE TRADITIONAL METHODS USED IN ECONOMIC ANALYSIS. If the stock of goods at the beginning of 2021 was 1,500,000,000 soums, we can see that by 2022 this figure will be 1,700,000,000 soums. We can see an increase of 200,000,000 soums in one year. We can see the production move from late 2021 to 2022 as a reserve.

If the goods received in 2021 amounted to 4,000,500,000 soums, then by 2022 we can see that this figure will be 9,000,000,000 soums. Incoming goods increased by 4,999,500,000 soums. We can see an increase in production.

We can see that the various expenses in 2021 are 600,000,000 soums. By 2022, we can see that various expenses have increased by 400,600,000 soums, for example, as the production volume

¹<https://xs.uz/uz/post/prezident-shavkat-mirziyoev-raislidida-videoselektor-jigilishi-bolib-otmakta>

increases, costs will increase accordingly, logistics costs, price increases, and inflation. By 2022, we can see the increase of various expenses by 400,600,000 soums. In general, the annual turnover of " BARAKA TEXTILE " amounted to 6,400,100,000 soums, if we look at the results of the analysis:

2021 2022

$$ZYB_0 = 1,500,000,000 \quad ZYB_1 = 1,700,000,000$$

$$KT_0 = 4,000,500,000 \quad KT_1 = 9,000,000,000$$

$$XCH_0 = 600,000,000 \quad XCH_1 = 1,000,600,000$$

$$ZOX_0 = 1,700,000,000 \quad ZOX_1 = 2,500,000,000$$

$$T_0 = 3,200,500,000$$

$$T_1 = 7\,199\,400\,000$$

Through this data, we determined the following:

$$\Delta KT = 9\,000\,000\,000 - 4\,000\,500\,000 = 4\,999\,500\,000$$

$$\Delta ZYB = 1,700,000,000 - 1,500,000,000 = 200,000,000$$

$$\Delta XCH = 1\,000\,600\,000 - 600\,000\,000 = 400\,600\,000$$

$$\Delta ZOX = 2,500,000,000 - 1,700,000,000 = 800,000,000$$

$$\Delta T = 7\,199\,400\,000 - 3\,200\,500\,000 = 3\,998\,900\,000$$

$$\Delta T_{KT} = 9,000,000,000 - 4,000,500,000 = 4,999,500,000$$

$$\Delta T_{ZYB} = 1\,700\,000\,000 - 1\,500\,000\,000 = 200\,000\,000$$

$$\Delta T_{XCH} = -1\,000\,600\,000 + 600\,000\,000 = -400\,600\,000$$

$$\Delta T_{XOX} = -2,500,000,000 + 1,700,000,000 = -800,000,000$$

$$\Delta T = 4\,999\,500\,000 + 200\,000\,000 - 400\,600\,000 - 800\,000\,000 = 3\,998\,900\,000$$

Conclusions and suggestions. So, as a result of the analysis, we concluded that the total turnover of " BARAKA TEXTILE " LLC in 2021 According to the analysis, this enterprise in 2021

As a result of the above analysis, it became clear that "BARAKA TEXTILE" should increase the volume of production and attract more qualified employees in order to increase the total revenue in the field of production and delivery to customers.