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Statistical Research of Efficiency of Economic Activity of the Enterprise

Karimova Dilnoza Karimovna

Teacher of the "Economics and Management" department of Jizzakh Polytechnic Institute

Akramov Afzalbek

Student of Jizzakh Polytechnic Institute

ANNOTATSIYA

It is important to ensure the efficiency of the enterprise's economic activity, its competitiveness and general economic development. In this process, statistical research helps in measuring and analyzing the performance. To evaluate efficiency, it is necessary to use statistical methods, indicators and indicators, because they fully reflect the activity of the enterprise in relation to internal and external factors. This thesis discusses the statistical methods of measuring the efficiency of the economic activity of the enterprise and their practical importance.

Key Words: Homemaking, automation, profitability, resource efficiency, capital efficiency, raw materials and materials, globalization.

In solving the tasks of ensuring the stable growth of employment and income of the population of our republic, priority is given to wide development of various forms of household economy, including the expansion of its cooperation with large industrial enterprises. At this point, a question arises - what is home economics? What does it have to do with stabilizing the economy?

Home business is the activity of earning income by selling one's labor or services. Homeowners are usually self-employed and run their own business or service. Homemaking exists in a variety of industries, and many homemakers offer their services to practice their craft or profession. Homemakers are often called artisans because they create products based on their own handiwork or special knowledge and experience.

Household includes the following activities:

- Arts and Crafts: Woodwork, blacksmithing, pottery, sewing and other works of art or craftwork.
- Services: Legal, medical, educational or other services.
- Commercial activities: opening small shops, engaging in small production or trade.

Many activities in the home industry vary depending on demand and demand, but the general principle is that home owners earn income through their products or services and often strive to

manage their time and labor efficiently. One of the important aspects of home farming is the high level of business management, as home owners are involved in all aspects of their business (product creation, sales, marketing, finance, etc.). In particular, the limited liability company "Silk expert processing" is an example of a household center operating in the Jizzakh region.

The limited liability company "Silk Expert Processing" was launched on July 27, 2018 in Sayiljoi neighborhood of Jizzakh city and started its work in the field of cocooning. It was established by the joint venture of the foreign state "ABN-MB" with the aim of developing cocoons in Jizzakh region, processing cocoons and producing ready-made products and exporting them to foreign countries. Our company was established on the basis of the decision of the President of the Republic of Uzbekistan dated March 29, 2017 PQ 2856 and became a member of the "Uzbekipaksanoati" association. According to this project, foreign investors will invest in our country and create 120 jobs in the city of Jizzakh. Currently, an investor has made an investment, and a cocoon processing factory has been established in the place of an old boiler house on Narimonov Street, Sayiljoyi Mahalla of Jizzakh.

120 jobs have been created in our enterprise, and 120 workers have been hired today. In 2019, our enterprise more than fulfilled the set plan by exporting more than 21 tons of fiber products to China, Vietnam, and Iran. In 2020, our company is working to increase production in order to fulfill the set plan. It is planned to produce 4139 boxes of silkworm seeds for the enterprise in 2020, and to fulfill this indicator, super elite seeds from China were brought and attached to the enterprise in the spring worm breeding season of 2020. From this, 200 boxes of silkworm seeds were fed in the 3rd and 4th seasons of this year. We are still working on this.

The development of family power on the basis of the supply of necessary raw materials and materials by industrial enterprises to the householders creates an opportunity for citizens to use their time effectively, and at the same time, to master the production of some types of low-profitable and labor-intensive products at home. In turn, large enterprises help to improve work efficiency.

In addition, to increase the economic activity of enterprises, it is possible to use automated devices and tools instead of labor. The main goal of automation is to increase production efficiency, reduce costs, improve quality, increase labor productivity, and make processes faster and safer.

In general, the main and highest goal of automation is to achieve economic efficiency. It is also very important to evaluate the results of such measures aimed at achieving economic efficiency.

The concept of economic efficiency and its measurements

The economic efficiency of the enterprise is determined by comparing the results achieved in the implementation of its activities with the resources spent. Key performance indicators include:

Profitability: A company's ability to make a profit.

Production efficiency: The amount of resources spent on each unit of a product or service produced.

Resource utilization efficiency: Maximum use of resources (labor, capital, raw materials) used by the enterprise.

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Capital efficiency: Shows how effectively capital is used to generate profit.

Performance analysis through statistical methods and indicators

The following statistical methods and indicators are widely used to evaluate the efficiency of the enterprise:

Use of trends: Analysis of changes and development trends in the activity of the enterprise,

monitoring of changes in production and profit levels.

Indicator system: Key indicators used to determine performance, such as profitability, profit, production volume, annual growth rate.

Aggregate indicators: Summarizing data and general evaluation of the efficiency of the enterprise based on various indicators.

Indices and coefficients: Indices that show how the company's performance changes over time (for example, production efficiency index, profit growth index).

Correlation analysis: Analysis of the relationship between the economic efficiency of the enterprise and the level of use of its resources.

Use of statistical data in performance evaluation

Statistics play a very important role in evaluating the efficiency of the enterprise. This information is usually collected from company reports and financial data. The following statistics are important in performance analysis:

Statistical data on production and sales: volume of products, production costs, sales prices, profits and losses.

Financial indicators: Profitability, effective capital management, level of debt, cash flow and other financial analysis.

Labor force statistics: Information about the number of workers, labor in the analysis of production efficiency and labor efficiency.

Also, its correctness and accuracy are important in the analysis of statistical data. Vague or incomplete statistics can lead to incorrect conclusions.

Practical approaches of statistical analysis to improve enterprise efficiency

Several practical approaches to statistical analysis can be developed to improve enterprise performance. These include:

Optimization of resources: Optimization of production processes, reduction of excess costs and efficient use of resources.

Technological renewal and modernization: introduction of new technologies to increase efficiency, automation of production processes.

Training of personnel: Organization of training and development programs to increase the efficiency of the workforce.

Marketing and sales management: Improving marketing activities and developing effective sales strategies.

In addition, with the help of statistics, it is possible to effectively manage enterprise resources and develop long-term development strategies.

In conclusion, I should mention that statistical research is important in evaluating the efficiency of the economic activity of the enterprise. With the help of statistical methods, it is possible to analyze production processes, optimize the use of resources, improve financial indicators and increase overall efficiency. In order to increase the efficiency of enterprises, it is necessary to introduce new technologies, improve personnel qualifications and improve marketing strategies. Constant evaluation and analysis of efficiency helps to ensure the competitiveness of the enterprise.

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