Discussion on Statistical Monitoring and Evaluation of High-Quality Development of County Economy

Lifen Chen*

Pingdu Emergency Management Bureau, Pingdu 266700, Shandong Province, China

Corresponding author: Lifen Chen, 897401152@qq.com

Abstract: The county economy serves as the fundamental unit in China's economic development and construction. There exists a significant correlation between the quality and level of county economic development and the overall economic construction level of the country. In recent years, China's economy has experienced rapid growth, contributing to an improved living environment and substantial economic income for its citizens. However, this progress has also brought to light certain issues, such as an unbalanced industrial structure and inefficient resource utilization, leading to problems such as low efficiency and severe environmental pollution. Therefore, it becomes imperative to enhance the statistical monitoring and evaluation of high-quality county economic development. This approach aims to gather insights into the development status of the county economy and provide essential data support for decision-making in county economic development. Consequently, this paper proposes development suggestions for the statistical monitoring and evaluation of high-quality county economic development, serving as a crucial starting point for future initiatives.

Keywords: County economy; High-quality development; Statistical monitoring and evaluation

1. Introduction

In the new era of developing socialism with Chinese characteristics in China, the statistical monitoring and evaluation of county economic development are indispensable. This process constitutes a crucial aspect of promoting the high-quality development of the county economy. Furthermore, it plays a pivotal role in refining the county economic development model and catalyzing the vitality of the county economic growth. As a result, this contributes to generating more substantial economic income for the county's residents and elevating the overall level and quality of the county economic development.

Given these considerations, it becomes imperative to place greater emphasis on the statistical monitoring and evaluation of high-quality county economic development. This focus aims to explore innovative channels for development, serving as a foundation to propel the county economy towards achieving growth of the highest quality.

2. The significance of statistical monitoring and evaluation in the high-quality development of the county economy

In the course of developing and constructing the county economy, it becomes paramount to comprehensively grasp its level and quality of development. This understanding serves as the foundation for formulating effective county economic policies and establishing clear development directions. Consequently, there is a compelling need to enhance the statistical monitoring and evaluation of high-quality county economic development, thereby providing profound insights into the current state of the county's economy.

For instance, through meticulous statistical monitoring and evaluation, a comprehensive understanding of the county economy's overall development, its distinctive features, and evolving trends can be obtained. This process reveals the strengths and weaknesses of the county's economic development, enabling the formulation of targeted strategies for sustainable growth. Strengthening statistical monitoring and evaluation not only facilitates the prompt identification of challenges and issues in county economic development but also aids in making well-informed decisions.

Moreover, an emphasis on statistical monitoring and evaluation contributes to fostering healthy and stable development within the county economy. By promptly identifying problems and challenges, decisions can be made with agility, providing valuable data references for stakeholders. This, in turn, guides the county economy toward innovative and sustainable development. Simultaneously, it plays a crucial role in gauging the living standards and quality of life within the county, allowing for the timely detection of various social development and construction issues. This proactive approach enables the county government to formulate policies conducive to promoting a high-quality county economy. Ultimately, this contributes to the harmonious and stable development of the nation's economy and society, creating an improved living environment for its people.

3. Analysis of the necessity of statistical monitoring and evaluation in the high-quality development of the county economy

In the ongoing development and construction of China's county economy, the implementation of statistical monitoring and evaluation for county economic development is not just a recommended practice but a necessary measure. These components stand as integral elements in propelling the county economy towards achieving growth of the highest quality.

In practical terms, statistical monitoring and evaluation play a crucial role in ensuring a balanced distribution of development resources throughout the county's development process. This, in turn, becomes a fundamental necessity in advancing the statistical monitoring and evaluation of high-quality county economic development. By employing statistical monitoring and evaluation practices, county governments can gain a comprehensive understanding of the unique development needs and resource advantages present in various regions within the county. Subsequently, targeted resource allocation in county economic construction and development can be achieved. This approach not only enhances the efficiency of resource utilization in county development but also prevents resource waste and redundant investments. As a result, it effectively promotes the coordinated and balanced development of the county economy [1].

Furthermore, statistical monitoring and evaluation of high-quality county economic development ensure the establishment of scientifically sound development goals. Through the evaluation of county economic development, the economic development levels and potentials of each region within the county can be assessed. This information serves as the basis for formulating more precise and scientific economic construction goals tailored to the economic development potential and current level of each region. The outcome is not only the

assurance of achievable and assessable financial construction goals within the county but also the promotion of high-quality development within the county economy. This, in turn, effectively elevates the overall level and quality of county development.

Therefore, active promotion of statistical monitoring and evaluation in the high-quality development of the county economy is essential to ensure its stable and efficient development.

4. Suggestions for statistical monitoring and evaluation in high-quality county economic development

As the development and construction of the county economy are advancing, it is imperative to institute a suite of scientific and rational statistical monitoring and evaluation methods to facilitate high-quality county economic development. This involves a gradual exploration of avenues that foster such development, ensuring the systematic advancement of all facets of county economic development. This concerted effort is crucial for driving the continuous optimization and enhancement of the development level within China's socialist economic construction.

4.1. Establishing a scientific statistical indicator system

In the developmental phase of constructing a statistical monitoring and evaluation system aimed at promoting high-quality county economic development, the initial imperative is to establish a scientifically sound statistical indicator system. This crucial step is designed to attain effective feedback on county economic development through a comprehensive set of indicators [2]. Throughout this process, due consideration should be given to the actual conditions and developmental characteristics of the county economy. The selection of indicators should prioritize representativeness, operability, and sustainability, ensuring a scientific, objective, and holistic reflection of the county's economic development level.

Firstly, the selection and assessment of county economic development indicators, including regional gross product, per capita gross regional product, fiscal revenue, industrial added value, agricultural added value, tertiary industry added value, etc., are necessary. These indicators collectively provide a comprehensive overview of the county's economic development [3]. Furthermore, it is essential to delve into residents' living indicators within the county, such as per capita disposable income, income ratio between urban and rural residents, Engel coefficient of residents, rural poverty incidence, etc. Through the analysis of these indicators, the quality of life for the county's residents can be effectively gauged [4].

Additionally, social construction indicators within the county, including the nine-year compulsory education consolidation rate, the number of beds in medical and health institutions per 1,000 people, the area of public cultural facilities per 10,000 people, and the coverage rate of urban and rural residents' pension insurance, should be investigated. These indicators, when surveyed, reflect the status of social public service construction within the county [5]. Moreover, ecological environment indicators within the county, such as energy consumption per 10,000 Chinese Yuan (CNY) of GDP, water consumption per 10,000 CNY of GDP, county forest coverage rate, and the rate of excellent ambient air quality, are also crucial. A thorough understanding of these indicators reflects the county's efforts in ecological and environmental protection [6].

Finally, exploring innovation-driven indicators, such as the intensity of research and development (R&D) investment, contribution rate to scientific and technological progress, the number of high-tech enterprises, and the number of invention patents per 10,000 people, is imperative. This exploration allows an insight into the county's implementation of the innovation-driven strategy. The comprehensive feedback derived from these indicators enables the county government to formulate more comprehensive regional development policies,

thereby promoting the healthy and sustainable development of the regional economy.

4.2. Enhancing data collection and processing

To further enhance the quality and effectiveness of statistical monitoring and evaluation in the high-quality development of the county economy, it is essential to strengthen data collection and processing. This involves the comprehensive utilization of various data to reflect the level of county economic development through thorough data analysis, effectively steering the county towards achieving high-quality development [7].

During the data collection phase, emphasis must be placed on establishing a multi-channel and multi-level data collection mechanism to ensure the accuracy and timeliness of data. Simultaneously, there is a need to focus on reinforcing data preprocessing, eliminating outliers, and rectifying missing values to ensure data integrity and reliability. This sets a robust foundation for subsequent data analysis in county economic development [8].

Firstly, meticulous attention is required to ensure the accuracy of collected data. This entails the establishment of a complete data collection mechanism, with dedicated personnel formulating a comprehensive data collection plan. This plan should clarify the data objects, collection time, methods, and standards while ensuring accuracy and effectiveness. Additionally, the training of data collection personnel must be strengthened, ensuring their proficiency in various data collection techniques and methods. After data collection, it is imperative to enhance the quality evaluation of the data, ensuring its accuracy and completeness [9].

Secondly, there is a need to bolster the effectiveness of data processing. This involves the formulation of unified data processing standards, ensuring a standardized, scientific, and transparent process. Simultaneously, data mining and analysis should be strengthened to extract valuable information from massive research data, providing a scientific basis for decision-making in county economic construction.

Finally, attention should be directed towards strengthening the value analysis and benefit development of county economic development survey data. This involves establishing a data-sharing platform to enhance the circulation and sharing of economic development data among county government departments. This ensures that decision-makers can base their decisions on data feedback, implementing development measures that align with county development goals. This approach stimulates the vitality of county economic development and fosters the sustainable optimization of county economic development levels [10].

4.3. Enhancing the comprehensive application of data analysis methods

Advancing the high-quality development of the county economy necessitates a robust application of data methods to conduct thorough analyses of various data pertaining to county economic development. Through data analysis, the deficiencies and challenges in the county economy can be promptly identified, facilitating a balanced allocation of resources that promotes stable and efficient development [11].

For instance, the descriptive statistical analysis method proves valuable in scrutinizing county economic development data. This method comprehensively analyzes statistical indicators such as the average, median, mode, and standard deviation of county economic data. Accurately describing the central tendency and dispersion degree of data helps portray the overall scenario of county economic development. This, in turn, provides decision-makers with a comprehensive understanding of county economic development [12].

Additionally, the chronological analysis method is another effective approach. This method models surveyed data and conducts a comprehensive analysis based on chronological order, enabling the prediction of future trends in county economic development and construction. This aids decision-makers in formulating more scientific county economic development plans, delving into the in-depth value of county economics.

Furthermore, the cluster analysis method proves instrumental in comprehensively evaluating county economic data. This method conducts cluster analysis on multiple variables within the county economy, grouping similar objects together. In the context of promoting county economic development, monitoring, evaluation, and cluster analysis can be employed to categorize economically similar areas. This facilitates a more in-depth comparison of development conditions among different areas, offering insights into development disparities. Through such analyses, the goal of promoting county economic development and continuously optimizing construction levels is achieved, ultimately enhancing the quality of county economic development [13].

4.4. Enhancing the construction of talent teams for county economic development

In the ongoing development and construction of the county economy, generating effective feedback on its progress through statistical monitoring and evaluation is paramount. To facilitate the successful execution of this initiative, it is crucial to have a cadre of exceptional talents as a foundational support for the county's economic development. Ensuring the seamless advancement of each developmental aspect necessitates a robust focus on strengthening the construction of talent teams dedicated to county economic development, guaranteeing a continuous supply of skilled individuals for statistical monitoring and evaluation work [14].

The introduction of outstanding talents becomes imperative. This involves actively attracting high-caliber individuals to work in the county by enhancing preferential policies, bolstering welfare benefits, and implementing other measures. Concurrently, fostering collaborative relationships with regional universities and scientific research institutions encourages talents to engage in innovation and entrepreneurship within counties, thereby securing support from outstanding individuals for county economic development [15].

Moreover, counties must emphasize talent training. Elevating the comprehensive quality and skill level of relevant personnel involves enhancing the training of existing talents. Encouraging continuous professional development and skill improvement through rigorous evaluation processes ensures that the county economy can proficiently execute statistical monitoring and evaluation tasks of high quality during development and construction. This, in turn, promotes the stable development of the county economy.

5. Conclusion

In conclusion, a profound understanding of the county economy's development status is imperative in the ongoing development and construction processes. It enables the adoption of tailored and effective countermeasures aligned with the county's unique developmental circumstances, fostering a balanced allocation of resources within the county. This, in turn, propels the county towards stability and efficient development. Therefore, this paper has undertaken a comprehensive analysis centered on the statistical monitoring and evaluation of high-quality county economic development, putting forth corresponding development strategies for collective discussion and exchange.

Disclosure statement

The author declares no conflict of interest.

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