

Research and Analysis of Key Ideas on Strengthening the Quality Management of Economic Census Data

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Abstract: *The economic census is a system, which comprehensively covers the most basic unit catalogue and its data of all trades and professions of the national economy set up to effectively grasp the development law, structure type, economic benefits and other relevant information of China's secondary and tertiary industries. It is of great significance to optimize China's economic structure, improve people's living standards and build a well-off society in an all-round way. We must strengthen the management of the quality of economic census data, improve the professional and ideological quality of census personnel, and optimize the data and sorting of census information to ensure the smooth progress of census work.*

Keywords: *Economic census; Data management; Quality assurance*

1. Introduction

According to the relevant provisions and requirements of the census, in order to further improve the responsibilities of relevant institutions and staff of the census, ensure the smooth progress of the census at all levels, strengthen the quality management of economic data, and effectively ensure the accuracy, integrity, timeliness and authenticity of the survey data, the following relevant contents are proposed to ensure the smooth development of the economic census management.

2. Guiding Ideology of Data Quality Management of Economic Census

2.1 Census according to law is the basic principle

As a Chinese citizen, abiding by Chinese laws is a basic quality. If a Chinese citizen does not comply with the relevant laws and regulations of the Statistics Law of the People's Republic of China, the Regulations of the National Economic Census and the Regulations of the People's Republic of China on the Implementation of Statistics, uses their power for personal gain, and orders the staff to modify the relevant census data without the instruction of his superior, or fabricating false data and forcibly ordering the relevant institutions of the economic census and their staff to modify the relevant data of the economic census without permission, the related departments may deal with it in accordance with the relevant laws and regulations.^[1] If the law enforcement personnel in the census have accurate factual materials according to law, they can properly address the staff involved, and should strictly investigate the staff involved in every department, so as not to let go of every false or wrong census information and related staff. If there are serious violations, corresponding punishment measures shall be taken according to the severity of the circumstances.

2.2 Guidelines for the combination of unified leadership and hierarchical responsibility

In the quality management of economic census data, this paper believes that the guiding principle should be the combination of unified leadership and hierarchical responsibility. In terms of unified leadership, the superintendent is the "central nerve" of a department. He and the operation of the whole department have a great impact on the working mode, working process and the efficiency of the whole work. A highly sensitive and experienced department head is a icing on the cake for the work of the whole department. If the head of a department does not pay enough attention to the work related to the quality management of economic census data, the whole census work will fall into great risks. It will lead to the low enthusiasm of the staff of relevant departments, the reduction of work efficiency and the increase of error rate. Seriously, it may also lead to major errors in the whole economic census data,

which will do harm to China's economic development. In terms of hierarchical responsibility, the quality management of economic census data is a huge work, involving many branches in all aspects. If we only rely on the general person in charge for management, there will be a lack of energy, which is not conducive to the development of the census. In the face of this situation, this paper believes that the person in charge of relevant sub projects should be established to implement the management mode of responsibility to person. For example, if there is a problem in a phase, you can find the hierarchical person in charge of this phase to make targeted modifications.

3. Measures to strengthen the quality management of economic census data

3.1 Improve the professional and ideological quality of census personnel

Various forms of top-down census training should be adopted. The census contents include census scheme, software operation, on-site investigation and other related aspects. Economic census units at all levels shall conduct business training in accordance with relevant regulations. Use easy-to-understand communication methods to carry out economic census work to ensure that census personnel obtain relevant data to clarify the logical relationship between the audit points and financial indicators. ^[2] The training work should be as follows. Firstly, all economic census personnel should receive strict training. Secondly, the trainers at all levels shall carry out relevant training. For different work contents of census personnel, different training shall be carried out to ensure on-the-job training. Thirdly, the number of census takers' teacher and the quality of training contents shall be guaranteed to ensure the effect of training.

3.2 Optimize the information and sorting mechanism of census data

Earnestly implement the census information related to the secondary and tertiary industries obtained by census departments at all levels, and make arrangement, comparison, integration, classification and management of them, so as to prevent the overlap of census information, ensure the integrity of census information, and form the authenticity and standardization of data between units and departments at all levels. ^[3] In terms of the authenticity of the data in the process of optimizing the economic census, it needs to be further checked to confirm whether it is valid data because the number of data is huge. In the process of verification, the staff of the economic census should carefully verify the data obtained according to a certain verification mechanism. It is not ruled out that the secondary verification can be carried out. The census data is not static and will fluctuate due to various situations. After the fluctuation, the relevant personnel of the data census should consider whether the existing data are affected by the fluctuation and carry out timely verification to ensure the authenticity of the data. As for the standardization of data, if the combination and arrangement of data are not standardized during the economic census, there is a risk of data disorder. In order to avoid this risk, when conducting data census, it should be considered that the data must be collected and verified in accordance with uniform regulations.

4. Significance of quality management of economic census data

4.1 Ensure the authenticity and validity of census data

The orderly development of economic census can ensure the quality, authenticity and effectiveness of economic census data. Social and economic development currently is unprecedented. Doing a good job in the quality management of economic census data can make a certain contribution to the development of China's economic cause. Real and effective economic census data can provide China with some development experience. Professional economic practitioners can get a good recipe for China's development by analyzing these real and effective economic census data, so as to promote China's economic development. These census data can also make a predictable judgment on the future development of China's economy. Through the analysis of them, professionals can make a general estimate of China's future economic development situation. The more accurate and effective the census data are, the more accurate the predictions are on China's economic prospects, which will lead China's sustained and stable economic development. The development of the economy and the steady improvement of people's well-being are a strong boost for China to stand at the intersection of history and a solid step towards realizing the Chinese dream of great rejuvenation.

4.2 Improve the management of census units

The renewal of census methods is a basic necessity of census work. Converting new methods to complete census data can effectively ensure the efficiency of census work and the accuracy and integrity of statistical data. The submission of statistical reports and the connection of related series can ensure that the person in charge of the enterprise is responsible for the authenticity and rationality of the data reported to the superior department. It can also ensure that enterprises can fill in relevant reports according to the Internet platform. After filling in, census personnel could conduct manual preliminary review to prevent wrong filling, missing filling and other mistakes.^[4] In this process, it also puts forward higher requirements for the comprehensive quality of relevant staff for the quality management of economic census data. The relevant staff of the Department should not only have strong professional quality, but also understand that Chinese laws cannot be violated. The staff should collect, sort out, register and review data in a practical and realistic manner. If the staff of relevant departments have high comprehensive quality and the operation mechanism of relevant data census is improved, it will enhance the data quality management of relevant units of China's economic census and further promote the data quality of China's economic census.

5. Conclusion

In short, strengthening the quality management of economic census data can effectively solve the problems in the census work, which plays an important and positive role for both the relevant personnel and the objects of the census. Strengthening the professional quality and ideological quality of census personnel can not only ensure the smooth development of census work and ensure its efficiency, but also effectively improve the enthusiasm of census objects. Moreover, it can also facilitate the sorting and back checking of the census work. At the same time, establish a sound census work mechanism effectively ensure the implementation of the census management system and benefit the public. It is of great significance for building a well-off society in an all-round way to ensure that its economic census can effectively formulate the national economic and social development plan, optimize its industrial economic structure, open up new public channels for employment, and ensure that people's living standards can be significantly improved.

References

- [1] Shen Yueguang(2013). *Exploration and practice of quality management and control methods of economic census data* [J]. *Money China*,NO.18,PP.266.
- [2] Yang Shaolang, Zhang Jianmei, Chen Yanzhou(2020). *Research and thinking on strengthening the quality management of economic census data* [J]. *China Statistics*,NO.03,PP.26-28.
- [3] Mo Zuying, He Yawen(2021). *Analysis on the relationship between big data quality management, data security and data cost-effectiveness* [J]. *Management Engineer*,VOL.26,NO.06,PP.19-25. DOI: 10.19327/j.cnki.zuaxb.1007-1199.2021.06.003.
- [4] Jiang Yanjun, Zhou Xiaojin(2022). *Analysis on the data quality of the total population of provinces and cities in China's seventh census* [J]. *Journal of Chongqing Technology and Business University (Social Science Edition)*,VOL.39,NO.01,PP.114-127.