

# Research on the influence of hospital financial data statistical caliber on financial analysis

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**Abstract:** *Hospitals are an important supporting structure in the social medical system. Strengthening and consolidating hospital construction plays a very important role in promoting the development of the entire social medical system. Based on this, through the research on the impact of hospital financial data statistical caliber on financial analysis, it is clear that the inconsistent statistical caliber is caused by imperfect statistical indicators and complex information sources. There are two aspects to analyze the specific impact caused by the inconsistency of the hospital financial data statistical caliber, so as to further strengthen the quality of the hospital financial analysis work.*

**Keywords:** *hospital; data; statistical indicators; caliber; statistics; finance*

## 1. Introduction

Hospitals are an important part of the social public service system. Increasing the constraints on hospital management can not only give play to the higher efficiency of hospitals in the market, but also enhance the social value of hospitals. Hospitals belong to the backbone of the current social diagnosis and treatment service system in my country. Based on the analysis from the perspective of the macro development of social industries, financial management occupies a core position in hospitals. Therefore, it is more realistic and significant to carry out financial data management for hospital units. [1]. Based on the analysis from the macro perspective of industrial development, in order to fully implement and promote this work, it is necessary to properly cooperate with various working departments within the hospital during financial statistics work, and from a comprehensive and overall perspective, improve the management of basic financial data to ensure that The reliability and rationality of financial management work in implementation. According to the existing work results of the relevant units, it should be clarified that this work needs to be supported by a unified financial caliber. Once the financial data is inconsistent with the caliber, there will be poor financial execution, imperfect financial management, and financial departments unable to exert their management efficiency. and other issues. In order to comprehensively solve this problem, optimize the internal financial management work of the hospital, and improve the current situation of extensive management of financial data, this paper will deeply excavate the reasons for the inconsistency of the caliber, and based on this, expound the impact of this problem on the hospital's financial related work. Influence, in this way, strengthen the execution of financial work.

## 2. Analysis of the causes of inconsistent statistical caliber of hospital financial data

### 2.1. Incomplete statistical indicators

In the process of statistical research on hospital financial data, it is found that the lack of statistical indicators and imperfect statistical means are one of the main reasons for the poor consistency of financial data caliber [2]. According to the experience of relevant work, analyze the imperfect manifestation of statistical indicators. First, each financial item in the hospital will have a strong pertinence in the statistical process, and clarifying the pertinence of financial items can improve the department's financial statistics work. Efficiency, but it is obvious that most of the working departments cannot correctly understand the differences in the statistical work of the departments, and will implement and manage all differential projects according to a unified standard. As a result, the implementation of financial follow-up finishing work loses its standard, and ultimately has a negative impact on the reliability of financial comprehensive analysis results.

Second, due to the large number of financial statistics items in hospitals, it is very easy to have inconsistent standards when conducting financial statistics for the same item. lose its original value.

Third, in order to solve the problem of non-uniform indicators, some hospitals have adopted the method of improving the financial data statistical indicator system to optimize the existing work. concept, resulting in limitations in the statistical results. Financial staff, hospital internal leaders, and decision-makers cannot make future financial development plans based on the results obtained from statistics [3].

## ***2.2. Sources of information are more complex***

In addition to the above mentioned content, in the analysis of the hospital's financial statistics, it is found that the financial data sources have the characteristics of multiple channels. The financial information obtained in this way will lead to a complex financial data structure, thus affecting or interfering with the further work of the hospital's financial department. .

Under the social background of the rapid development of modern technology, the internal financial system of the hospital has changed, and the hospital has more and more tools to obtain financial data. A large amount of financial data is generated. Only by quickly collecting data and realizing the circulation and standardized storage of data in the department can the quality of hospital financial management be guaranteed [4]. However, the increase in data volume and data scale also aggravates the difficulty of screening and analysis of financial information. Financial personnel need to classify the data according to the actual progress of the work, and select the data that is valuable or helpful for financial analysis work. Management can ensure that financial data is effective after statistics, and in the above-mentioned links, once there is a problem in one of the links, or there is a phenomenon of non-standard implementation, it will lead to deviations in the caliber of financial statistics, thus making financial data statistics. The results deviate from the true results.

## **3. The impact of hospital financial data statistical caliber on financial analysis**

### ***3.1. Causes discrepancies in personnel statistics***

In further research on related work, it is found that the most direct impact of inconsistent financial statistics calibers on hospital financial analysis is the difference in hospital personnel statistics. From the perspective of the comprehensive construction of the hospital, the hospital staff mainly includes two categories, namely, the post staff members affiliated to the hospital establishment and the non-hospital post staff members. Before the financial department conducts financial data statistics, it is necessary to conduct centralized statistics of the staff of each work department, and for those who are on the staff or not on the staff, once there is a difference in the statistical caliber, it will lead to deviations in the follow-up hospital staff statistics [5]. For example, when the hospital conducts statistics on the distribution of welfare of post personnel, due to inconsistent statistical calibers, some work departments use the method of full statistics on post personnel to distribute welfare, while other work departments use the method of dividing staff for statistics. For one category, the statistics of persons who are not in the compilation are classified into another category. Such a statistical method without a unified caliber will lead to differences in the comprehensive statistics of personnel in statistical work. In the analysis of the per capita work benefit of hospital staff, the increase of non-editing staff will lead to a decrease in the per capita benefit in the statistics, and the benefit analysis based on the centralized statistics of personnel will lead to an increase in the per capita benefit in the statistics trend. To sum up, when there are inconsistencies in the caliber of hospital financial statistics, some statistical results will have a problem of declining reference value due to economic deviations.

### ***3.2. Causes discrepancies in revenue and expenditure analysis***

Another major impact of inconsistent calibers on the hospital's financial analysis is to increase the disparity in the analysis of staff income and expenditure. Based on the analysis of the sustainable development of the hospital in the market, it is necessary to distribute the income of the staff in different positions according to the consistent standard to ensure the rationality and reliability of the financial statistics. For example, when a hospital is performing financial-related work, if the number of income accounting items is greater than the number of expenditure accounting items, the cost deduction will be low. At this time, the financial analysis of the hospital unit will cause the hospital's

financial data to appear falsely high. Conversely, when the number of statistical expenditure accounting items is greater than the number of income accounting items, the cost deduction will have a high value. At this time, the financial analysis of the hospital unit will lead to the phenomenon of falsely low hospital financial data. In short, the two sets of data on revenue and expenditure are two types of basic data for hospitals in market operations. If the statistical caliber of these two types of data cannot be uniformly processed in statistics, it will inevitably lead to an increase in the difference in financial revenue and expenditure.

#### 4. Conclusions

This paper expounds the influence of hospital data statistical caliber on financial construction from two aspects: personnel statistics and financial revenue and expenditure. The importance of a unified caliber is clarified, and the deficiencies in the existing work of the hospital are analyzed. In order to further optimize the work in this area and solve the problem of inconsistent statistical caliber of financial data, we can increase the use of modern auxiliary decision-making tools in the follow-up work to ensure the unity and consistency of data, and on this basis, establish and improve The system of indicators will reduce the differences between different departments in the statistical work, and ensure the comprehensive innovation and optimization of the existing work.

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