

Integration of Accounting and Statistics in Financial Management of Financial Bureau

Wei Zheng

Xiajin County Financial Bureau Shandong, Xiajin 253200, China

Abstract: The Financial Bureau is a functional department responsible for the expenditure management of local units. It not only undertakes the responsibility of formulating and revising the financial management system, but also supervises the strict implementation of the financial system by local units. The efficient operation of the Financial Bureau can ensure the smooth progress of local work and provide assistance for local economic development. Currently, with the rapid economic development, all government departments are carrying out system reform and innovation of working methods to improve the work efficiency and make up for the deficiencies in the work. Accounting and statistics are the key links throughout the financial management work of the Financial Bureau. With the continuous innovation of the management system of the Financial Bureau, accounting and statistics will be more closely integrated.

Key words: Financial Bureau; Financial management; Accounting; Statistics

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***Corresponding author:** Wei Zheng, yasairesearch@126.com

1 The application of accounting and statistics in financial management

First of all, accounting is a tool for micro measurement of financial situation, which can directly and concretely reflect the capital flow of the Financial Bureau. Double entry bookkeeping is a conventional accounting method, which records the financial status in financial account book. Accounting work is very common in current

society, all government departments, enterprises and institutions in all walks of life should apply accounting work to formulate financial indicators to guide daily work. Especially in the financial management of the Financial Bureau, accounting supervision and accounting determine the direction and means of the usage of funds. The accounting can highly reduce the fund wasting, misappropriation and illegal use of funds, which plays an important role in promoting the utilization rate of funds and ensuring the efficiency and quality of various work of the Financial Bureau.

The statistical analysis is to analyze the development objectives and decision-making with the help of statistical methods, combined with the actual situation of the Financial Bureau and the local situation, relying on a series of statistical data, to give support and provide suggestions for innovation and development. In order to promote the healthy development and orderly development of the financial management work of the Financial Bureau, the collected data are analyzed scientifically to enhance the stability of capital flow, realize the management strategy of the Financial Bureau and meet the local development interests. The Financial Bureau manages the operation of enterprise funds, improves the efficiency of fund utilization, introduces statistical means to collect, analyze and sort out the data, so as to improve the cognition of the financial management status of the Financial Bureau, fully grasp the specific daily work, summarize the experience, make up for the deficiencies, perfect the rules, and give full play to the role of the Financial Bureau.

2 Integration of accounting and statistics in financial management of Financial Bureau

2.1 Accounting and statistics infiltrate to each other

Accounting and statistics themselves support and infiltrate to each other. We can't separate accounting from statistics in many kinds of works. We need to use accounting data and statistical methods to get the required result. It can be seen from Table 1 that the relevant economic and financial data of Xiajin County in the first half of 2020 are based on the first half of year 2020 accounting data. The total data is finally obtained by statistical analysis.

Accounting and statistics infiltrate each other in the following aspects: first, more statistical methods are used in the accounting process. For example, the Financial Bureau needs to use the relative index, absolute index, statistical grouping and other statistical methods in audit and decision-making. In addition

to recording data and feedback accounting data, accounting can also realize real-time accounting through statistics, providing information and data support for the Financial Bureau to make dynamic decisions or predict the future direction of funds.

Secondly, statistical work should fully make use of accounting related statements and data, and also use accounting methods. Especially the Financial Bureau needs to rely on accounting work in the analysis and calculation of various indicators of enterprise economic benefits, or internal staff wages, performance appraisal and other activities. The integration of statistics and accounting methods can improve the content of statistics, promote the continuous improvement and development of statistical methods, expand the role of statistical methods and statistical data, so that the information obtained from statistics can support

Table 1. The economic and financial data of Xiajin County in the first half of 2020 (Selected from Xiajin government website)

Indicators	Unit	January June Cumulative Complete	Year on year Increase or decrease %	Remarks
1、 1. County GDP	RMB100mn			
Including: first industry	RMB100mn			
Secondary industry	RMB100mn	92.65	0.6	
tertiary sector	RMB100mn	11.59	1.3	
2. Total output value of industries above Designated Size	RMB100mn	40.85	-1.5	Quarter number
Added value	RMB100mn	40.22	1.9	Quarter number
Main business income	RMB100mn		-3.87	Quarter number
Total profit			-2.3	Quarter number
3. Finance	Ten thousand yuan		-8.56	Reported amount
revenue	Ten thousand yuan		-10.45	
Including: local financial revenue	Ten thousand yuan			Reported amount
Tax department	Ten thousand yuan	69021	1.64	Reported amount
expenditure		10181	-27.49	
4、 4. Finance	RMB100mn	58840	9.23	
Deposit balance	RMB100mn	107901	-15.10	
Including: household deposits	RMB100mn	243.37	10.26	
Loan balance		198.58	18.13	
5. Insurance	RMB100mn	131.83	11.89	
Income from insurance business	RMB100mn			
Insurance business expenditure	RMB100mn			
6. Investment in fixed assets above Designated Size	RMB100mn			
7. Total retail sales of consumer goods	Ten thousand kilowatt hours	37.82	-2.3	
8. Electricity consumption of the whole county	Ten thousand kilowatt hours	69056.34	-3.39	Quarter number
A: Total electricity consumption of the whole industry	Ten thousand kilowatt hours	56555.47	-5.04	Quarter number
Including: Industry	hours	44676.06	-8.61	
B: Total domestic electricity consumption of urban and rural residents	Ten thousand kilowatt hours	12500.87	4.86	

Note: Since March 2007, all the data provided by the Statistics Bureau have been the number reported by the Statistics Bureau to the Municipal Bureau of statistics in that month.

decision-making and prediction, rather than just complete a series of statements^[1].

Finally, statistics and accounting making complement with each other, crossover with each other and they are inseparable. In the process of micro accounting, other accounting also includes statistics, calculation is mainly based on accounting methods. However, due to the limitation of the object on accounting calculation, it is not possible to make calculation for non-accounting entities. This is the time that we need to use statistical techniques to complete the role of accounting, as to achieve the accounting of all the contents that need to be checked by the Financial Bureau. For macro accounting, statistical calculation is the main method and accounting is supplementary method^[2].

2.2 Accounting and statistics collaborate with each other

There are also many differences between accounting and statistics. Because of the interoperability of basic data, mutual absorption and reference, the collaboration and intersection between accounting and statistics is therefore becoming more abundant. The collaboration between accounting and statistics is reflected in the following aspects: first, the writing of original records and original documents. The original records and original documents are the basic materials for the follow-up work of Financial Bureau, as well as the basis of accounting and statistics. Before using the original voucher to carry out accounting analysis, accounting and statistics should first negotiate to make efficient use of the original voucher, one certificate can be used for many purposes to improve the efficiency of accounting. Figure 1 shows the general public budget revenue and expenditure of Shanghai from January to May 2020 and the same period in 2019. The chart had used the accounting data and basic statistical methods, both methods collaborate with each other and finally concluded the result.

Second, the indicators of accounting and statistics' standard should be unified to ensure that there will be no deviation in the results of accounting and statistical accounting. Within the scope of indicators and concepts, the calculation method should be consistent.

Finally, the personnel of accounting and statistical accounting should collaborate with each other to avoid the waste of resources, adopt different methods and indicators for accounting, which will lead to the increase of human and material resources and the waste of cost, and the deviation of data accuracy. To solve

this problem, it is necessary to establish an accounting information system which can incorporate the statistical work into the accounting information (Table 2). In the information system, data can be shared, transmission channels can be opened, accounting and statistical accounting can be completed on the same platform, accounting and statistics can be collaborated and coordinated with each other^[3].

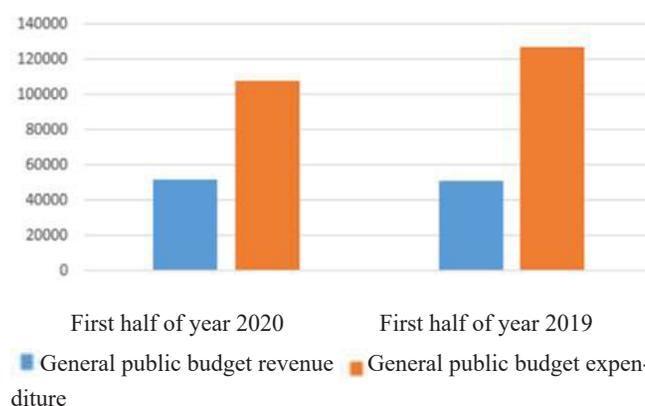


Figure 1. Comparison of general public budget revenue and expenditure in Xiajin County

2.3 Improve the financial management system of the Financial Bureau

Comprehensive, perfect and sustainable financial management system is the fundamental to improve the management level and efficiency of the Financial Bureau. The Financial Bureau should clearly divide the statistical analysis department, the Forecast Department, the accounting department and the supervision department. Each department should have a clear division of labor. On this basis, it should establish a monitoring mechanism and constantly improve this mechanism to ensure the effectiveness of the inspection, so that the financial supervision personnel work more efficiently, and ensure the accuracy and reliability of the results of accounting and statistics.

The financial management system needs to be revised every year, updated in time, bound uniformly, distributed to all staff for study, and organized comprehensive training to ensure the complete implementation of the management system. Establish and improve the system related to accounting and statistics, organize professional financial personnel to work with office staff to find out and solve problems in daily work that need accounting and statistical support and work content with insufficient financial support, sort out, revise and supplement the existing control

Table 2. Schematic diagram of final accounts of income and expenditure

Income and expenditure summary table					
Department:			Unit: Ten Thousand RMB		
Income			Expenditure		
Project	Line no.	Final account	Project	Line no.	Final account
Column	1	1	Column	2	
1. The revenue from financial appropriations	2	880.51	1 , Public services expenditure	14	700.73
2. Advanced subsidies	3		2 , Foreign affairs expenditure	15	
3, Business income	4		3. Defense expenditure	16	
4, Management income	5		4. Public security expenditure	17	
5. Sub unit income	6	3.3	5, Educational expenditure	18	
6, other income	7		6, Science and technology expenditure	19	
	8		7, Social security and employment expenditure	20	178.41
			8, Resource exploration and other info expenditure	21	15
Total income this year	9	883.81	Total expenditure this year	22	894.15
Using business funds to make up the balance of income and expenditure	10		Balance	23	
Carried forward	11	164.51	Carried forward	24	154.04
	12			25	
total	13	1,048.18	total	26	1,048.18

Note: this table reflects the total revenue and expenditure of the Department in the current year and the balance carried forward at the end of the year

Functional ledger account with zero expense value can not be listed

management system and procedures, and absorb the rationalization construction given by other staff of the Financial Bureau. Make revision and issue after confirmation. For the accounting and statistical work system, the most important is to follow the process and do a good supervision job. Therefore, the process must be clear and constantly updated, simplify the process that is not suitable for the current situation, increase the process that meets the current needs, strengthen the supervision and management, and nip the problems such as accounting errors in the bud^[4].

At end of the year, the persons in charge and staff of

accounting related departments and statistics related departments should participate in the arrangement of the next stage of accounting and statistics work. According to the accounting situation of that year, relevant systems and regulations should be innovated to ensure that the system is reasonable, well founded, accurate and feasible, with certain emphasis, overall planning, meticulous and comprehensive response, unity and sustainable development. Ensure that the accounting and statistical work is supervised, assessed, planned and developed.

2.4 Improve the level of staff

The level and quality of financial management work depends on the level and quality of accounting and statistics work, and the proper completion of accounting and statistical work depends on the comprehensive quality of staff who engaged in these works. Related staffs must improve the management mechanism, abide the employee management system and information management system to carry out standard work procedures. The relevant job responsibilities, work processes, incentive assessment standards, training system, etc. should implemented to comprehensively improve the skills of accounting and statistics related staff^[5].

Other than training business skills, the professional ethics of relevant staff also should be trained. In terms of professional ethics, accountants and statisticians should insist on improving their personal professional ability, stick to their posts, bear hardships and stand hard, strengthen their sense of service, clarify their responsibilities and strengthen their responsibility. At the same time, the Financial Bureau should pay attention to the training of accounting and statistics talents, strengthen the specialized training of talents who are proficient in accounting business and statistic skills. Accounting and statistics can interact with each other in financial management, staff are required to be able to master, specialize, and solve problems with accounting or statistics related skills when encountering relevant problems. Paying attention to the training of talents can reserve reliable talents for financial management and promote the development of financial management.

3 Conclusion

There are a lot of connections between accounting and statistical work, such as method, concept,

thought, there are differences and similarities between them. Financial management should combine the characteristics of the two kinds of work, integrate each other, and solve comprehensive financial problems. The Financial Bureau is responsible for the financial work and the implementation of the financial system. It is an important department of national development, local development, social and economic development. Therefore, the development and construction of the Financial Bureau itself is extremely important. The Financial Bureau should strengthen the infiltration and integration of accounting and statistics in the administrative management, provide the overall book review of financial management, ensure economic benefits, and serve the revitalization of local economic development better. Accounting and statistics are inseparable in the financial work. The relevant staff of the Financial Bureau should clarify their ideas and make continuous efforts for the innovation and development of the financial management work of the Financial Bureau.

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