

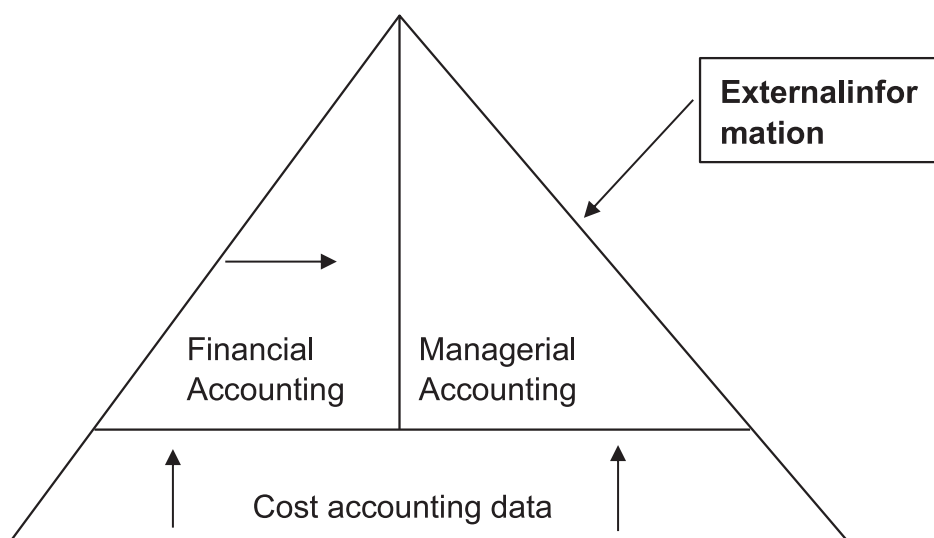
**ТЕМАТИЧНИЙ НАПРЯМОК 2**  
**ВИКОРИСТАННЯ НОВИХ ДЖЕРЕЛ ДАНИХ**  
**У СТАТИСТИЧНИХ ДОСЛІДЖЕННЯХ**

**USE OF MANAGEMENT ACCOUNTING DATA**  
**IN STATISTICAL STUDIES**

*Korinko Mykola,*  
Doctor of Economics, Professor,  
Head of the Department of Accounting, Auditing and Taxation,  
National Academy of Statistics, Accounting and Audit

Apart from information needs of company management, marketing or other business functions, external and internal data produced by management accounting can meet demands of statistical studies. Management accounting provides an analysis of activities taking into account both current and long-term goals by using methods and models for obtaining information on critical success factors (quality, innovation, time, etc.).

Production accounting has recently tended to be interpreted as a source of data on costs providing the relationship of financial and management accounting and used to generate information in the subsystems of business accounting system: management and financial (Fig.1).



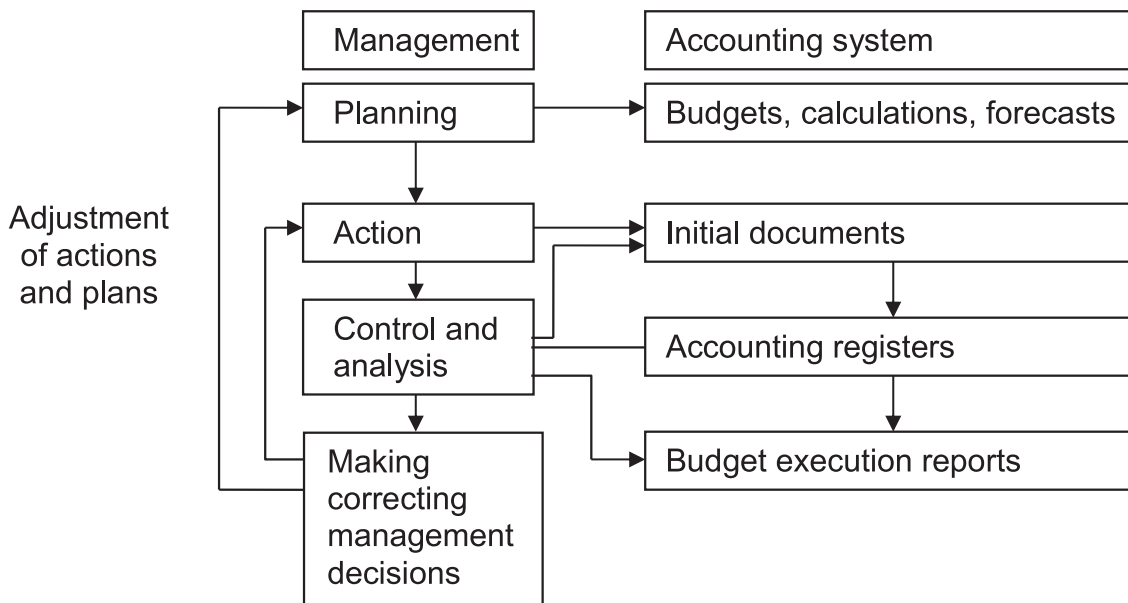
**Fig. 1. The relationship of financial and management accounting for costs**

This approach is logical, because the data on costs are used by the company in stock and financial performance assessment as well as in decision-making at various phases of and levels of business organization. It follows that the function of production accounting, being an essential component of the accounting system, is to accumulate and aggregate the costs, creating output data in the process of:

- inventory valuation, estimation of financial results;
- management decision-making;
- taking control over the implementation status of management decisions.

Management accounting refers to a set of procedures involved in identification and valuation of accounting objects, accumulation of data on business transactions and facts of business life, analysis of the transaction effects, preparation of information at user requests, formalization of information for its proper perception by requesting users, and provision of formalized information reports to company management and the staff responsible for company planning, evaluation and internal control, to ensure the accountability-based utilization of the company resources.

The relationship between management functions and the accounting system is shown in Fig.2.



**Fig. 2. The relationship of accounting system and management functions**

Results of an analytical assessment allow for the conclusion that the scope of functions performed by accounting staff to prepare data and reports for the business management system is significantly larger than the one of the accounting unit which responsibilities are limited to recording of business transactions by double entry method.

The accounting staff engaged in the information support for the business management system, statistical studies of the company performance, including industry aspects, are, therefore, referred to as accountants-analysts.

The information provided by management accounting is intended for:

- meeting the needs of the business management system;
- resource utilization efficiency in the business processes;
- assessment of the activities of company units and their heads;
- use in statistical studies at the microlevel of the economy.

Management accounting is, therefore, an integral part of the management process at company level, providing the data for the following purposes:

- assessment of the economic feasibility of future business operations;
- reviews of company activities for compliance with management decisions;
- assessment of the resource utilization efficiency with reference to results of statistical studies;
- performance evaluation;
- reduction of subjectivity in the decision-making process.

The effective company management in the current economic conditions requires detailed information taking into account the peculiarities of company's technology and organization. That is why management accounting data compiled for statistical studies which results are intended to be used in enhancing the effectiveness of business management in a particular company needs to be provided with consideration to the demands of this company managers.

Management accounting is not limited in the choice of methods, models, rules and forms.

Methods, models, rules and forms of management accounting in a particular company are developed by company staff or contracted specialists considering a set of parameters of information support for the studies and preparation of multivariate management decisions including quality indicators.

Conclusions. Using management accounting data as a source of information support for statistical studies can enhance their quality, and using research results by management staff enables for implementation of system measures to achieve the high company performance.

## References

1. Drury K. (2002). *Upravlencheskiy i proizvodstvennyi uchet [Cost and Management Accounting]*. Trans. from English. Moscow: UNITI-DANA [in Russian].
2. Mullendorf R., Karrenbauer M. (1996). *Proizvodstvennyi uchet. Snizheniyei kontrol izderzhok. Obespecheniye ikh ratsionalnoy struktury [Production Accounting. Cost Reduction and Control. Rationalization of Cost Structure]*. Trans. from German. Moscow: FBK PRESS [in Russian].
3. Ryan B. (1998). *Strategicheskiy uchet dlya rukovoditelya [Strategic Accounting for Management]*. Trans. from English. Moscow: Audit, UNITI [in Russian].