

## Key performance indicators in internal control

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### Abstract

© Medwell Journals, 2017. This study describes some of the approaches to the problem of establishing an effective system of internal financial control structures aimed at rational use of material, labor and financial resources in the conditions of crisis in the global economy. In the study in particular, we hypothesized about the need to use key performance indicators in the internal financial control system. The KPI system is integrated in the modern concept of corporate finance in particular VBM. In this regard in the study, we constructed an econometric model of the relationship between financial performance and economic value added for the purpose of identifying which particular KPI may serve as reference points for the internal financial control department.

<http://dx.doi.org/10.3923/jeasci.2017.4899.4904>

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### Keywords

EVA, Financial statements, Internal control, KPI, Regression analysis, VBM

### References

- [1] Abe, M. and M. Kudo, 2016. Analyzing business processes by automatically detecting KPI thresholds. Proceedings of the 2016 IEEE International Conference on Services Computing (SCC), June 27-July 2, 2016, IEEE, San Francisco, California, USA., ISBN:978-1-5090-2629-6, pp: 187-194
- [2] Ankudinov, A., R. Ibragimov and O. Lebedev, 2017. Sanctions and the Russian stock market. Res. Intl. Bus. Finance, 40: 150-162
- [3] Elliott, M., R. Dawson and J. Edwards, 2007. An improved process model for internal auditing. Managerial Auditing J., 22: 552-565
- [4] Feng, M., C. Li, S.E. McVay and H. Skaife, 2014. Does ineffective internal control over financial reporting affect a firm's operations? Evidence from firms inventory management. Accounting Rev., 90: 529-557
- [5] Gros, M., S. Koch and C. Wallek, 2017. Internal audit function quality and financial reporting: Results of a survey on German listed companies. J. Manage. Governance, 21: 291-329
- [6] Henklang, P., S. Boonlua and P. Ussahawanitchakit, 2014. Proactive internal control system and firm success: A conceptual framework. Intl. J. Bus. Res., 14: 71-88
- [7] Hooghiemstra, R., N. Hermes and J. Emanuels, 2015. National culture and internal control disclosures: A cross-country analysis. Corporate Governance Intl. Rev., 23: 357-377
- [8] Lepadatu, G.V., 2011. Corporate governance and audit activity. Economy Transdisciplinarity Cognition, 14: 44-49
- [9] Ling, L., 2015. Research on enterprise internal control financial assessment system based on artificial intelligence. Iberian J. Inf. Syst. Technol., 2015: 224-234
- [10] Ronzhina, M., 2016. Assessment of the internal financial control system's modification results. Econ. Ann., 21: 118-120

- [11] Shahbazi, S., M. Mehdikhani and K.C. Gharanjik, 2015. The effect of internal auditing on improve performance of company listed in Tehran stock exchange. *Intl. J. Appl. Bus. Econ. Res.*, 13: 937-953
- [12] Simone, L.D, M.S. Ege and B. Stomberg, 2014. Internal control quality: The role of auditor-provided tax services. *Accounting Rev.*, 90: 1469-1496
- [13] Strelnik, E.U., D.S. Usanova and I.G. Khairullin, 2015. Key performance indicators in corporate finance. *Asian Soc. Sci.*, 11: 369-373
- [14] Tang, D.Y., F. Tian and H. Yan, 2015. Internal control quality and credit default swap spreads. *Accounting Horizons*, 29: 603-629
- [15] Yazawa, K., 2015. The incentive factors for the (Non-) disclosure of material weakness in internal control over financial reporting: Evidence from J-SOX mandated audits. *Intl. J. Auditing*, 19: 103-116
- [16] Zhou, H., H. Chen and Z. Cheng, 2016. Internal Control, Corporate Life Cycle and Firm Performance. In: *The Political Economy of Chinese Finance*, Jay, C.J., R.P. Michael and T.Z. Xiaotian (Eds.). Emerald Group Publishing Limited, Bingley, UK., ISBN: 978-1-78560-958-9, pp: 189-209