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Bilgi İletişim Teknolojilerinin Kullanımı ve Verimlilik: Firma Düzeyinde Betimsel Bir Analiz / Use of Information Communication Technologies and Productivity: A Firm Level Descriptive Analysis

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A B S T R A C T

Cost of collecting information reduced and the problem of asymmetrical information became less important with the spread of the use of the ICT processing. Thus, capital accumulation and investments were affected positively. These positive effects of the ICT has also led positively to the increase of productivity. Studies on the relation between ICT and productivity accelerated after the second half of the 1990s in the literature of economics. This study aims to measure the use of the ICT in the manufacturing and service sector in Turkey in 2000s, and its relationship with the productivity will be revealed with descriptive analysis. The data includes structural business statistics of industry and service covering 2009 – 2012, statistics of use of the information technologies in the enterprises. This study is the first attempt in investigating the impact of the ICTs use on productivity in both manufacturing and service firms in Turkey in 2000s. While the impact of the ICT on firm performance has been investigated for both manufacturing and service firms in the other world economies, there is no study of this type in Turkey. With respect to the authenticity of the study, finding the impact of the ICT on the firm performance in these two sectors and comparing the impacts are considerably important.

KEYWORDS ICT; Productivity; Manufacturing; Service; Turkey

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