

Benchmarking of Sectoral Productivity Changes in Iran

Topic: Productivity and efficiency I

Author: Fatemeh Bazzazan

ABSTRACT

According to the APO (Asian Productivity Organization) report in 2008 production per capita in Iran has been experienced relatively well growth during last two decades. One of the reasons of this growth might relates to the total factor productivity growth that figures show slow rise at the macro level. To estimate the share of factor productivity requires more investigation on the source of the factor productivity growth at national, sectoral, and industry levels. Few investigations have been carried out on estimating total factor productivity growth at the national or manufacturing sector and excluded all sectors or industry levels. However, policy makers and economic planners are interested to know thoroughly the total factor productivity growth at sector or industry levels. To do so, the objective of this paper is to measure the growth of TFP by industries and the whole of the economy during 1988–2004 by using detailed sectoral data that are adjusted in order to account for input–output tables. Three input-output tables of Central Bank of Iran, 1988, 1999, and 2004 are going to be employed. The main restriction in Iran, like many other countries, would be data on employment by industry.

Key word: TFP productivity, labor and capital productivity, input-output, Iran

Paper to be presented at the 18th International Input-Output Conference will be held on 20-25 June, 2010 at the University of Sydney, Australia.