



IMPROVEMENT IN THE ESTIMATION OF AGRICULTURE VALUE ADDED -THEORETICAL MODEL

Gabriel Kulomba Simbila
National Bureau of Statistics
Dar es Salaam, Country
Tanzania –
gabriel.simbila@nbs.go.tz
sku.lomba@hotmail.com

Abstract

This paper aim to significantly improve the estimation of value added of crops based on Agriculture Work In Progress (WIP) model. The WIP model is based on costs on Agriculture by crop using the smallest unit area measurement, where information on crops calendar, which consists the rainfall seasons, input costs and average yield per acre are collected. Then the derived crop matrix is used for splitting its total input costs into agriculture calendar year, the estimates of Gross Value Added (GVA) both at current value and volume terms are obtained from the system. Ultimately, the WIP techniques provides methodology for calculating crop output at more detail level in the National accounts statistics for providing gross output and intermediate consumption by crop in line with the system of National accounts SNA 2008, and gives a better estimates of crop value added in the Agriculture activity.

Keywords: National accounts statistics, Agriculture Work in Progress Model, Gross value added.