

Sampling design and sources of information for estimation of forestry sector contribution in Nepal

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Abstract: This paper examined the sampling design and different sources of information required for assessing the forestry sector contribution in national economy. National Population Census (2011), Living Standard Survey Report (2011), National Sample Census of Agriculture (2012), National Population and Housing Census (NPHC, 2011) and Annual Household Survey (AHS, 2012, 2013) were primarily important sources of information for this study. The Annual Report of the Department of Forests, Timber Corporation of Nepal, Herbs Production and Processing Company and Forest Products Development Board were useful documents to extract the production information of forestry sector. The household survey, focus group discussion, workshops, expert consultation provided reliable information to generate forest products statistics while assessing the gross value added in the sector. Regarding sampling design, Power allocation of 0.5 and proportional random sampling method was adopted for selection of CFUGs to ensure high precisions in population estimation, This approach was also adopted in another community based forest management system namely the leasehold forests whereas, complete enumeration was designed for religious forests and protected areas such as National parks, Wildlife Reserves, Hunting Reserves, Conservation areas and Buffer Zone forests. A large amount of forest products from outside forests including private forests are being consumed informally by the majority of the rural households that don't come under the National Accounting system of the country.

Key words: Gross Domestic Product, System of National Accounts 1993,