ABSTRACT

Title: Modeling the Factors that Influenced the Outcome of Interview of the July 2006 Labor Force Survey in the National Capital Region: A Logistic Regression Approach

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The main objective of the study is to identify significant factors that influenced the outcomes of the interview of the July 2006/January 2007 Labor Force Survey (LFS) conducted by the National Statistics Office (NSO). This study used the characteristics of supervisors and enumerators based on the administrative records of NSO, as well as the characteristics of the household head of sample households of LFS to model the factors that influenced interview status. Since the two rounds of LFS used the same sets of sample households, the characteristics of responding households were taken from the successful interviews of July 2006 LFS while the characteristics of nonresponding households were based on the successful interviews of January 2007 LFS.

Logistic regression was used to model the factors that influenced the outcomes of interview. The significant differences on characteristics of responding and nonresponding households were examined using t-tests and chi-square tests.

Findings of the study revealed that the significant characteristics that contribute to the model are coordination of supervisor by providing letter to the barangay chairperson/official prior to the conduct of the survey/census, single
marital status of the enumerator, age of the household head, higher education for the household head specifically, college undergraduate and college degree and managerial and executive position for the occupation of the household head.

It is recommended that factors with significant positive influenced on the outcomes of the interview be given consideration during the field operation in the survey or census.