

Country Course on Sampling Designs for Household and Enterprise / Establishment Surveys

The course was conducted in Kuala Lumpur, Malaysia in the Department Of Statistics of Malaysia (DOSM), Government of Malaysia from 6th to 10th July 2009.

The course aimed i) to improve knowledge of statisticians of the national statistical services to conduct a sample survey by applying appropriate sampling techniques using sampling frame and ii) to enable statisticians to estimate sample size, variance and sampling errors etc.

The course covered topics such as basic concepts, simple random and systematic sampling, sampling frames for household and enterprise surveys, stratified and PPS sampling techniques, cluster and multistage sampling, survey design using panel rotation, ratio and regression estimation, properties of estimators and estimation of non-response cases, weighting, evaluation of data and discussion on Malaysian household and establishment survey design.

The course was attended by 37 officers and officials from the DOSM, Government of Malaysia, including Director, Deputy Director, Assistant Directors, Statistical Officers from the States and other units and Divisions of DOSM.

During the course, all participants took keen interest to understand the theoretical and practical applications. Interaction level was very good and in fact some participants also asked queries relating to on-going survey issues.

The course evaluation by participants indicated that all the practical sessions were fully appreciated. However, the participants underlined that the duration of the course was short, more practical sessions and an orientation towards relevant computer software should have been given.

Upon completion of the course, the participant became familiar with concepts and definitions of probability and sampling theory, sampling methods, concepts of statistical estimation.