

MNG - HSES 2018

National Statistics Office - NSO

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Sampling

Sampling Procedure

The 2018 HSES used the sampling frame which was developed by the NSO based on 2017 population figures obtained from administrative records. The design of the survey recognizes two explicit strata that urban (Ulaanbaatar, aimag centers), and urban (sum centers and the countryside). The Primary Sampling Unit (PSU) was kheseeg in Ulaanbaatar and bags in aimag center and rural areas, and 1836 PSUs covered in survey whole year. In order to comparison of results by aimags, sample was allocated proportionally and PSUs selected two stages of simple random sampling. In Ulaanbaatar, 360 PSUs, 24 PSUs from each aimag (36 PSUs in Darkhan-Uul, 60 PSUs in Orkhon and 12 PSU s in Govisumber aimags) were selected, while for the rural, 48 PSUs (60 PSUs in Uvurkhangai, 60 in Khuvsgul, 24 in Darkhan-Uul, 0 in Orkhon and 24 PSUs in Govisumber aimags). Then 10 households selected from each PSU in urban areas and 8 households in each PSU in rural areas. The sample of 16488 households was allocated as follows: 3,600 in Ulaanbaatar, 5400 in aimag centers and 7488 in rural areas and sum centers. However, the actual sample size used for this analysis is slightly smaller: 3573 households in Ulaanbaatar; 5394 in aimag centers; and 7484 in rural areas. In order to obtain representative statistics for each stratum and for the country as a whole, it was necessary to use sampling weights.

Questionnaires

Overview

The survey was carried in the comprehensive form and its questionnaires included 14 sets of questions. Three questionnaires were used for the survey. These include:

- A core questionnaire of the Household Socio-Economic data (HSES-1): Form HSES-1 includes general household information, education, health, employment, livestock breeding and crops, nonagricultural production, trade, services and other income, savings, loans, housing and energy, durable goods, and non-food expenditure related questions.
- Household food consumption modules (HSES-2a, HSES-2?): The HSES-2a is a consolidated form of household diary and collected data on food consumption of selected household in the capital city and aimag centers for 30 days. The HSES-2b form used to collect data on food consumption for the last seven days of selected households in sum center and countryside.
- Household diary (HSES-3): Selected households should keep diary in the capital and aimag center and collected data on household's daily food consumption throughout the month.

Data Collection

Data Collection Dates

Start	End	Cycle
2018-01-01	2019-01-01	Every month

Time Periods

Start	End	Cycle
2018-01-01		Every month

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

For the data collection of this survey, we used a modern technology that fully automated paper technology is tablet technology. This approach has a number of strengths as collected data is transmitted to the central network just after gathering from the primary level, ensuring the quality and security of data, time, personnel and cost savings. For our previous procedure, field supervisor checked all collected data by enumerators and then data transmitted to a central server of the NSO. Upon receiving data in a central server, a survey team in NSO made logical and other checks for all data transmitted from the field offices and additional clarifications were received from the field offices through the field supervisors. In all cases, it was possible to compare the listings used for consistency checks against actual questionnaires filled out by households (in fact, during the first round of checks, some households were visited again) and the data were revised whenever an error was found. Basically, three different rounds of consistency checks were applied to the data: first during the data collection by tablet, then during the compilation of the raw data files and finally during the preparation of this report. Before conducting the survey, we conducted a pilot study of using tablet PCs and conducted training for field supervisors and enumerators to conduct this survey, according to the common understanding, methodology and techniques, and provided preparations of successfully conducting a survey. We consider that the data quality standards are provided.

Data Processing

Data Editing

The data collected using the CPro 7.0 software and used the STATA 14.2 software to process and analyze survey results.

Data Appraisal

No content available