

Zanzibar, Tanzania - Household Budget Survey 2009/2010

The Office of Chief of Government Statistician

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Identification

SURVEY ID NUMBER

TZA-2009-HBS-V01-M

TITLE

Household Budget Survey 2009/2010

TRANSLATED TITLE

English

COUNTRY

Name	Country code
Zanzibar, Tanzania	TZA

STUDY TYPE

Income/Expenditure/Household Survey [hh/ies]

SERIES INFORMATION

The 2009/10 Household survey is a fourth post revolutionary survey of its kind to be conducted in Zanzibar. The previous surveys conducted were 2004/05 HBS, 1991/92 HBS and 1981/82 HBS. The Survey provides poverty-monitoring indicators which will be used to track changes over time. The survey compared the indicators to those derived in the 2004/05 HBS. The survey studied income, expenditure, consumption patterns and other socio-economic characteristics of private households.

ABSTRACT

The 2009/10 Household Budget Survey (2009/10 HBS) is the fourth in a series of such surveys conducted by the Office of Chief Government Statistician (OCGS), Zanzibar. The last in the series of those surveys was conducted in 2004/05. This publication presents the findings of 2009/10 HBS; and whenever possible compares the results with those of the 2004/05 HBS. The 2009/10 HBS is based of a nationally representative sample of 4,296 households, selected from 179 enumeration areas. While this sample is sufficiently large to allow many indicators to be reported at the district level, the 2004/05 HBS used about twice the sample size opted in 2009/10 HBS, the former may be said to have collected more precise estimates. The smaller sample and some possible differences in the composition of the samples call for caution in the interpretation of some of the trends between the two surveys.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individual and household

Version

VERSION DESCRIPTION

- v2.1: Edited, anonymous dataset for public distribution.

VERSION DATE

2010-10-14

Scope

NOTES

The 2009/10 Household Budget Survey measures changes in a number of important indicators for poverty monitoring and evaluation. It collected information on:-

Basic information on household members including age, sex and marital status, education, economic activity and health
- Housing Particulars

- Distances to Socio- Economic and other facilities
- Household Assets
- Food security
- Annual household income
- Household expenditure consumption
- Household business

Coverage

GEOGRAPHIC COVERAGE

Zanzibar
Urban and Rural
Region and District

UNIVERSE

The survey covered
Private household
usual members residing in the households
expenditure of all household member 5+ years

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
The Office of Chief of Government Statistician	OCGS

PRODUCERS

Name	Affiliation	Role
University of Dar es Salaam	Ministry of Education and Higher Learning	Technical assistance in data processing and analysis
National Bureau of Statistics	Ministry of Finance and Planning	Technical assistance in data processing and analysis
Oxford Policy Management Limited (OPML)	UK	Technical assistance in reviewing data analysis and sampling design

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
United Nation Development Fund	(UNDP)	Financial Support
United Nation Fund for Population Activity	UNFPA	Financial Support

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
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Sampling

SAMPLING PROCEDURE

The sample for 2009/10 HBS was selected in two stages. The Primary Sampling Units (PSUs) are Enumeration Areas (EAs); based on the district sample designed from 2002 Population and Housing Census. This is a sample of 179 PSUs, designed to allow estimates of household level variables to be made with reasonable precision for each of ten districts. The sample was stratified by district and urban-rural location.

The second stage sample selection was households. Before the start of 2009/10 HBS enumeration, field staff listed all households in each of the sampled PSUs. Information on a number of socio economic variables was collected for each household. Separate samples were then drawn from each of these groups. To ensure that the analysis was representative, analytical weights were used which were the inverse of each household's selection probability

RESPONSE RATE

More than 99 percent of the original target sample size was interviewed;

WEIGHTING

There are two sets of sampling weight for the Survey. The first set is the EA weights based on the 2002 Population and Housing Census EAs frame. The second set is household weight based on listing of households in all the selected EAs

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
2009-06	2010-05	cycle twelve month

DATA COLLECTION MODE

Face-to-face [f2f]

SUPERVISION

Enumerators are supervised closely by field supervisors who are resident nearby EAs; they checked the data quality in the questionnaires in the field on a regular basis, with an average of five EAs supervised by one supervisor. The supervisors working out by the Office of Chief Government Statistician (OCGS) provided an additional check on the questionnaires before sending for office editing and data entry. All filled questionnaires were sent to the OCGS head office, where manual editing, data entry and data processing took place

There were 2 data collecting teams, one was in Unguja and the other was in Pemba. Each team consisted of supervisors and enumerators. Supervisors were responsible for overall administrative work and for checking the quality of the questionnaires before sending them to head office for data editing and processing

DATA COLLECTION NOTES

Data collection for the Household Budget Survey (HBS) begun on the first week of June 2009 and was completed in May 2010. There were 2 data collecting teams, one was in Unguja and the other was in Pemba. Each team consisted of supervisors and enumerators. Supervisors were responsible for overall administrative work and for checking the quality of the questionnaires before sending them to head office for data editing and processing.

DATA COLLECTORS

Name	Abbreviation	Affiliation
The Office of Chief Government Statistician	OCGS	Ministry of Finance and Planning

Questionnaires

QUESTIONNAIRES

The 2009/10 HBS collected information using one main household questionnaire, together with two types of diary similar to that used in the 2004/05 Household Budget Survey. Information on consumption / expenditure is collected in two formats. The first is a diary that records all transactions and consumption for that household for one calendar month. This is completed on a regular basis by the interviewers. The second is recall of larger items of expenditure over the twelve months preceding the survey.

HBSQF1 asks questions on demographic and socio-economic topics such as age, sex, marital status, economic activities, health and education. It also asks questions on possession of assets as well as purchases of consumer durable items and the income of the household members for the last 12 months.

HBSQF2 is a summary of all income and consumption expenditure of the household members transferred from the diaries in a particular month.

Diary for household expenditure and income is an individual record book. Everyday each member of the household who may be able to spend is supposed to record income and expenditure in cash or in kind, quantity and value. The task takes a period of one month for each household. This diary is the main source of data on income and expenditure for this survey.

Diary for household Business is a special book for households which have business activity. They are supposed to record daily expenditure and receipt of the business.

Data Processing

DATA EDITING

Cleaning the consumption data

The consumption data was cleaned largely along the same approach that was used to clean the 2004/05 Budget Survey data. The cleaning protocol was largely maintained to ensure comparability of the two Survey. The first round of cleaning the data took place during the entry of data mostly to correct data that was wrong took place just before the analysis of the consumption data and the idea was to weed off outliers and correct obvious errors such as misconding of measured of unit. The cleaning of food items involving the following key steps. First, where value of an item is available corresponding quantity is missing, or where the quantity is missing, or the quantity of the item is available but the value is missing, imputation was made. In case of the missing values cash transactions for the data that was missing component we the median unit value. This median unit value together with the actual quantity are used to fill the missing value of the item with regards to the missing quantity, median unit value is also used to get the quantity for had replaced this way. The second approach involved weeding off outliers. The prices that were found to be five times the median prices were replaced by the corresponding median price. The quantities that were times the median items quantity were also replaced by the median item quantity. 2.5 percent of record was adjusted in this way, Further, the budget share of each item was used to assess any remaining outliers, where its budget share taht was in access of the median budget share plus three times the standard deviation of the item budget there was considered to be an outliers and these were equally replaced by the median values. Per capita calorie consumption was also used to assess whether reported food consumption is an outlier. The non-food items were cleaned in two steps. First regression analysis was used to impute rent on own occupied houses. The regression was first used to relate the quality of houses (type of walls, number of rooms etc) to the actual rent paid. Once this relationship was established, it was used to predict the rent of own occupied households based on the quality of houses. The second step was to remove outliers from non-food items. This involved flagging off record of item whose budget share is too high (in this case, if it is above the median budget share of the item plus three times the standard deviation of the item), and replace the outliers with the median values of the items.

Access policy

CONTACTS

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CITATION REQUIREMENTS

"The Office of The Chief Government Statistician, HOUSEHOLD BUDGET SURVEY 2009/10 (2009\10 HBS), Version 2.1 of the public use dataset (October 2010), provided by the National Data Archive. www.ocgs.go.tz"

ACCESS AUTHORITY

Name	Affiliation	Email	URL
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Metadata production

DDI DOCUMENT ID

DDI-TZA-2009-HBS-V01-M-OCGS

PRODUCERS

Name	Abbreviation	Affiliation	Role
The Office of Chief Government Statistician	OCGS	Ministry of Finance and Planning	Documentation of the study

DATE OF METADATA PRODUCTION

2023-10-13

DDI DOCUMENT VERSION
Version 1.0

Data Dictionary

Data file	Cases	Variables
Asset This data file contains information related to Assets	4293	137
Clean Household Consumption This data file contains information related to clean household expenditure	4293	28
Clean Household Expenditure This data file contains information related to clean household expenditure	4293	84
demographic This data file contains information related to demographic	22474	86
distance This data file contains information related to distance	4293	30
Durables This data file contains information related to durable	196289	12
Foodsecurity This data file contains information related to foodsecurity	4293	29
Hh Master File (Juan) This data file contains information related to househld master file	4296	5
Hoseholdbusiness This data file contains information related to householdbusiness	4293	45
Housing This data file contains information related to housing	4293	20