

National Bureau of Statistics, Tanzania

HOUSEHOLD BUDGET SURVEY 2000/01

&

HOUSEHOLD BUDGET SURVEY 1991/91

DOCUMENTATION FOR USERS OF THE DATA

This CD contains data and supporting documentation from the 2000/01 Household Budget Survey and the 1991/92 Household Budget Survey, both conducted by the National Bureau of Statistics, Tanzania.

Details of the implementation of the 2000/01 survey and of the analysis of both surveys are given in the final report, included on this CD.

Directories and their contents

\hbs2000\data	Data files from HBS 2000/01
\hbs2000\documentation	Documentation for HBS 2000/01
\hbs9192\data	Data files from HBS 1991/92
\hbs9192\documentation	Documentation for HBS 1991/92

HBS 2000/01

HBS 2000/01: Documentation

Documentation in: \hbs2000\documentation

HBS 2000/01 questionnaire (Forms I, II and III) (in /questionnaire/)
Household Budget Survey 2000/01 Final Report (in /final report/)
HBS 2000/01 Instruction manual and codes

HBS 2000/01: Data

Data files in: \hbs2000\data

The basic data files and export1.sav to export8n.sav. Other files contain derived variables and the weights. These derived variables were produced in undertaking the final analysis of the HBS 2000/01 and include information on expenditure, on consumption and on household poverty status. The notes below the following table of files describes the contents of these files and identify any other variables that are not directly identifiable from the questionnaires.

Note that data from Form III, the personal expenditure diary, was added to the Form II records at data entry.

File name	Type of record	No of records	No of households	Contents
Basic data:				
Export1.sav	Households	22,178	-	Form I, Sections: 1, 3.2 & Section 6: q68-80
Export2.sav	Individuals	108,092	22,178	Form I, Section 2
Export3.sav	Buildings	26,827	22,168	Form I, Section 3.1
Export4.sav	Distances to facilities	443,386	22,175	Form I, Section 4
Export5.sav	Annual expenditures	784,770	22,112	Form I, Section 5
Export6.sav	Assets	272,546	22,060	Form I, Section 6, q1-57
Export7.sav	Annual Income Records	102,543	21,835	Form I, Section 7
Export8n.sav	Income/Expenditure daily records	5,649,346	22,178	Form II
Derived variables:				
Export8fd.sav	See below	691,977	22,176	Food and drink consumption
Export8nfd.sav	Households	22,178	--	Non-food expenditure
Hhconsump.sav	Households	22,176	--	Consumption aggregates
Weights&pov00.sav	Households	22,178	-	Weights & key poverty variables

Notes:

These files generally contain the 22,178 households selected for analysis, which were those having at least one record in both the roster and in the daily diary.

Export2.sav - Multiple response questions are coded as binary variables, named according to codes e.g. s2r10_1 corresponds to section 2, q10, code 1

Export8n.sav - s8r4c is s8q4c (quantity) recoded to have an explicit decimal point. It is implicit in the original s8q4c. This file has been cleaned *only* by running the programme fix01.bas, detailed in the appendix to the main report. No other corrections have been made.

Export8fd.sav – contains aggregated consumption/expenditure values for each household for food and drinks. These are aggregated by household code, item code and availability (transaction) code, for availability codes 1,2,3,4, 11 and 13 (ie those that are used in calculating the consumption aggregate). The values that are aggregated have been cleaned to correct outliers. Quantities are in grams or millilitres, with the exception of eggs that are given in number of units. Total consumption expenditure for each record is also given. It is the sum of values for transaction codes of the stated type, for the specified item and household. It also includes imputations to correct outliers.

Export8nfd.sav contains information on the expenditure of each household on non-food items for one month. Expenditure is summed according to category, based on the category of the codes in the instruction manual. Details of which items are included in each variable are given in the variable labels. The data derive from two source files: export8n and export5. Expenditure data, always adjusted to one month, is taken from either the annual recall (export5) or from the monthly diary (export8n) based on an assessment of which

source is more reliable (see appendix A of the main report). Imputed values are used to correct outliers. For data taken from the monthly diary, values are summed for ‘availability’ codes 1,2,3,4,11 and 13.

Hhconsump.sav contains aggregate consumption measures by category, standardised to 28 days and given in nominal TShs. Values for food (purchased vs not) non-food and alcohol consumption are given separately. There are three non-food aggregates – details of these are given below.

Weights&pov.sav - 22,176 households have consumption and poverty measures and indwt. Details of the variables are given below.

Identifiers

The identifiers that should be used are IDPSU and HHID. HHID is constructed from IDPSU and IDUNIQUE, the latter being a number unique to each household within a primary sampling unit. Identifiers constructed from the geographic codes and HHNO should not be used, since HHNO is not always unique within a primary sampling unit.

Variable names and labels

Variables that are taken directly from the questionnaire are named according to questionnaire section and question number. For example, question 2 in section 2 (the question on relationship to head of household in the roster) has the variable name s2q02. Variable labels are based on the question itself and help to clarify the contents – e.g. s2q02 is labelled ‘relationship to the head of the household’. Value labels are based on the questionnaire answer codes.

The most important variables that are not taken directly from the questionnaire are detailed below.

Variables in the dataset not given on the questionnaire

weights&pov.sav

<i>Variable</i>	<i>Description</i>
IDPSU	Unique identifier for primary sampling unit
HHID	Unique household identifier
SAMPLE	If household included in sample (always 1)
HH_WT	Household level weight
IND_WT	Household weight * no of household members
URB_RUR	Urban or rural PSU (1988 Census classification)
NATIONAL	Whether the PSU is part of the NMS ‘national’ sample
STRATUM	Analytical strata: DSM, other urban areas, rural areas
P0FD	Household poor or not using food poverty line
P0BN	Household poor or not using basic needs poverty line
HHSIZE	Number of household members

export8fd.sav

<i>Variable</i>	<i>Description</i>
NEWQUT	Quantity of item consumed by the household over the month in grams or millilitres (except eggs – in pieces); with imputed values to replace outliers. Summed across availability codes 1,2,3,4, 11 and 13.
NEWVAL	Value of the quantity newqut consumed, in nominal TShs. Includes expenditure on purchased items and the value of items consumed from other sources (home produced, gift etc).

export8nfd.sav

The variable labels give the items summed in each variable.

hhconsump.sav

<i>Variable</i>	<i>Description</i>
ADULTEQ1	Household members expressed as adult equivalents
FDMB_M0	Food and drink consumed (ex alcohol) - purchased - TShs
FDNB_M0	Food and drink consumed (ex alcohol) – not purchased - TShs
FOODB_M0	Total consumption of food and drinks (ex alcohol), TShs
NFD_M0	Total non-food consumption, TShs
NFDXME	Total non-food consumption ex medical & education, TShs
NFDXMEWT	Total non-food consumption ex medical, education, water, telephone, TShs
ALCOH_M0	Total alcohol consumption, TShs
EXPADEQX	Total consumption per adult equivalent, 28 days, TShs

Note that the consumption aggregate in hhconsump.sav is the one used in the poverty analysis. The aggregates **exclude** expenditure on some durables – see the main report for details. Some – including the one that was used for the poverty analysis (NFDXMEWT) - also exclude some other items of expenditure, as outlined above. Values are in nominal prices ie no price adjustment has been made. All measures are standardised to 28 days.

Users requiring comprehensive information on non-food expenditure, including items that were excluded for the poverty analysis, should refer to the original file export8nfd.sav.

HBS 1991/92

HBS 1991/92: Documentation

Documentation in: \hbs9192\documentation

HBS 1991/92 questionnaires (Forms I and II).

Item codes for consumption/expenditure items are the same as in 2000/01.

HBS 1991/92: Data

Data files in \hbs9192\data

File name	Type of record	No of records	No of households	Contents
Basic data:				
hh assets	household	4,823	--	Household asset ownership
Build	buildings	6,449	4,793	Building conditions
Duras	annual expenditures	114,627	4,944	12 month expenditure recall
Hh	household	4,823	--	Household level data
Psons	individuals	27,474	4,823	Roster
Newtrans.sav	daily transactions	272,393	4,879	Household transactions (summed)
Anins.sav	individuals' income	11,733	4,751	Annual income (summed)
Derived variables:				
Export8fd.sav	See below	204,892	4,873	Food and drink consumption
Export8nfd.sav	Households	4,873	--	Non-food expenditure
Hhconsump.sav	Households	4,823	--	Consumption aggregates
Weights&pov91.sav	households	4,823	--	Weights & key poverty variables

Notes:

Anins.sav: this was not analysed in the production of the 2000/01 HBS report and the original file is given.

Newtrans.sav is the daily transactions records. This file has been cleaned *only* by running the programme fix02.bas, detailed in the appendix to the main report. No other corrections have been made. Note that the records were already aggregated to the level used in this file in the available source data.

Export8fd.sav – This contains the food and drink consumption aggregated into groups defined by four variables: household id, item id, unit code and type of transaction. Note that some units were converted after aggregation so non-unique break groups may exist. It contains only records for type of transaction codes

1,2,3,4,11, and 13. The value of consumption for each record is also given. It is the sum of values for transaction codes of the stated type, for the specified item and household. Both quantity and value are corrected for outliers.

Export8nfd.sav contains information on the expenditure of each household on non-food items for one month. Expenditure is summed according to category, based on the instruction manual codes. Details of the items included in each variable are given in the variable labels. The data derives from two source files: trans.sav and duras.sav. Expenditure data, always adjusted to one month, is taken from either the annual recall (duras.sav) or monthly diary (trans.sav) based on an assessment of which source is more reliable (see appendix A of the main report). Imputed values are used to correct outliers. Both content and cleaning methods are the same as in the HBS 2000/01 data. For data taken from the monthly diary, values are summed for 'availability' codes 1,2,3,4,11 and 13.

Hhconsump.sav contains aggregate consumption measures by category, standardised to 28 days and given in nominal TShs. Values for food (purchased vs not), non-food and alcohol consumption are given separately. There are three non-food aggregates, detailed below.

Weights&pov91.sav: The weights given here are adjusted so that the rural share of the population is in line with the 1988 Census. They are different from the weights distributed with earlier versions of this data set. The 4,823 households in this file are those used for the re-analysis of the 1991/92 data in production of the HBS 2000/01 main report. Some other files have larger numbers of cases, but the additional households were dropped in the above analysis. It is recommended that this file be used to select the cases for analysis in all other files.

Identifiers

The unique household identifier is HHID. It is a string variables made up of the following components:

Variable name	Description	Range/codes
REGION	First two digits: Administrative area within the country (ref. Census Preliminary Report, CPR 1988)	01 - 20
DISTRICT	Third digit: Administrative area within the Region (ref. CPR 1988)	1 - 8
WARD	Fourth to sixth digits: Administrative area within district (ref. CPR 1988)	011-013, 021-023, ..., 981-983, 991-993
STRATUM	Seventh digit: Income stratum of the cluster i.e. Village or Enumeration Area (EA)	0 = None 1 = High 2 = Middle 3 = Low
VILL_EA	Eighth to Tenth digits: Village or Urban Enumeration Area	001 – 399
HHSEL_RE	Eleventh digit: Household selected or reserve	1 = Selected 2 = Reserve
HHNO	Twelfth to fourteenth digits: Sampled household number	001 – 999

Variables – in derived files

weights&pov.sav

HHID	Unique household identifier
ADJWT	Household level weight (adjusted)
INDADJWT	Household weight * no of household members
URB_RUR	Urban or rural PSU (1988 Census classification)
STRATUM	Analytical strata: DSM, other urban areas, rural areas
P0FD	Household poor or not using food poverty line
P0BN	Household poor or not using basic needs poverty line

export8fd.sav

ITMCODE	Item code
UNITCODE	Unit code
TYPETTRAN	Transaction type
NEWQUT	Corrected quantity consumed in units given by unitcode
VAL	Corrected value of consumption in current TShs.

export8nfd.sav

Variable labels give the items summed in each variable.

Variables in original data files

A description of variables in each file, for the original .dbf files, is annexed. The SPSS files use the same names.

Annexe: HBS 1991/92 DATA FILES AND VARIABLES DESCRIPTION - ORIGINAL .DBF FILES

1. VARIABLE DESCRIPTION FOR *ANINS.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification made up of:	
REGION	First two digits: Administrative area within the country (ref. Census Preliminary Report, CPR 1988)	01 - 20
DISTRICT	Third digit: Administrative area within the Region (ref. CPR 1988)	1 - 8
WARD	Fourth to sixth digits: Administrative area within district (ref. CPR 1988)	011-013, 021-023, ..., 981-983, 991-993
STRATUM	Seventh digit: Income stratum of the cluster i.e. Village or Enumeration Area (EA)	0 = None 1 = High 2 = Middle 3 = Low
VILL_EA	Eighth to Tenth digits: Village or Urban Enumeration Area	001 – 399
HHSEL_RE	Eleventh digit: Household selected or reserve	1 = Selected 2 = Reserve
HHNO	Twelfth to fourteenth digits: Sampled household number	001 – 999
MEMNO	Household member number	01 - 40
INCODE	Code number of the income (Descriptions of income codes are found in msimamiz.wpf (instruction manual))	90101 – 93110
INCVAL	Income value in TShs.	0000001 – 9999999

2. VARIABLE DESCRIPTION FOR *ASETS.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification	
ASETCODE	Code number of the asset	48=Radio,radio cassette 49=Telephone 50=Freezer,refridgerator 51=Sewing machine 52=Television set 53=Video set 54=Chairs 55=Sofa set

56=Table
 57=Watches
 58=Beds
 59=Cupboards, wardrobes, drawers, etc
 60=Lanterns, lamps, etc
 61=Cups, plates, etc
 62=Pans, bowls, etc
 63=Knives, forks, spoons, etc
 64=Electric/charcoal iron
 65=Electric/gas stove
 66=Other stoves
 67=Water heater
 68=Record player, tape recorder
 69=Complete music system
 70=Novels, books (not school books)
 71=Motor car
 72=Motor cycle
 73=Bicycle
 74=Cart
 75=Boat, dhow
 76=Wheel-barrow
 77=Livestock
 78=Poultry
 79=Outboard engine
 80=Donkey
 81=Fields
 82=House
 83=Business assets
 84=Present business capital
 85=Hoes
 86=Sprayer
 87=Water pump
 88=Reaper
 89=Tractor
 90=Tractor trailer, etc
 91=Plough, etc
 92=Harrow
 93=Milking machine
 94=Harvest & threshing machine
 95=Hand milling machine
 96=Tractor/plough weeder
 97=Fertilizer distributor
 98=Incubator
 99=Tiller
 100=Feeding machine
 101=Fishing gear
 102=Bee hives

NO_OWNPRVT Number of the asset owned privately by the household

1, 2, 3, ...

PRVTVAL Value of the asset owned privately by the household(s)

VALUES:

1=Below 1000/=

2=1001/=	-	5000/=
3=5001/=	-	10000/=
4=10001/=	-	50000/=
5=50001/=	-	100000/=
6=100001/=	-	300000/=
7=Above	-	300000/=

NO_OWNJNT	Number of the asset owned jointly with other household(s)	1, 2, 3, ...
JNTVAL	Value of the asset owned jointly with other household(s)	See VALUES

3. VARIABLE DESCRIPTION FOR *BUILD.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification	
BUILDNO	Building number	0 - 9
STOREY	Storeys in the building	0 = 0 storeys/1 level 1 = 1 storeys/2 levels 2 = 2 or more storeys/3 or more levels 9 = Other e.g. house raised in poles
DOORSOUT	Doors leading into building	1 - 9
NOROOMS	Number of rooms used by household	00 - 99
NOWINDOW	Number of windows	00 - 99
NOBEDRMS	Number of bedrooms	0 - 9
NOPERSLP	Number of persons sleeping in the building	00 - 99
FOUNDMAT	Foundation material	0 = No foundation 1 = Stones in mud mortar 2 = Stones loosely laid 3 = Concrete, cement, soil cement, baked / burnt bricks, or in lime mortar 4 = Other
FLOORMAT	Floor material	1 = Earth 2 = Concrete, cement 3 = Other
WALLMAT	Wall material	1 = Poles including bamboo, branches, grass 2 = Poles and mud 3 = Mud only 4 = Mud bricks 5 = Baked/burnt bricks 6 = Concrete, cement, stone 7 = Other
ROOFRAME	Roof frame	1 = Poles 2 = Sawn timber 3 = Other
ROOF	Roofing material	1 = Grasses, leaves, bamboo 2 = Mud and grass 3 = Concrete, cement 4 = Metal sheets (Galvanized)

		Corrugated Iron) 5 = Asbestos sheets 6 = Tiles 7 = Other
NORMRENT	Normal market rent/month (TShs)	0000001 - 9999999
RENTPAID	Actual rent paid per month (TShs)	0000001 - 9999999
TENURE	Type of tenure	1 = Owned by household 2 = Live in without paying any rent 3 = Rented privately 4 = Rented from NHC 5 = Rented from employer ncluding Govt., Parastatal, Private/Religious organization 6 = Rented from employer ncluding Govt., Parastatal, Private at subsidized rent 7 = Rented from relative or friend at a subsidized rent 8 = Other

4. VARIABLE DESCRIPTION FOR *DURAS.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification	
ITEMCODE	Code number of the item	20401 - 60204
FULPRICE	Full price in TShs.	0000001 - 9999999
PAIDAMNT	Amount paid in the last twelve months in TShs.	0000001 - 9999999
MONINSTAL	Monthly installment for the remaining portion in TShs.	0000001 – 9999999

5. VARIABLE DESCRIPTION FOR *HH.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification	
WATERSUP	Main drinking water supply	01=Piped water on premises 02=Piped water on public 03=Piped water outside premises 04=Catchment tank 05=Public well (covered) 06=Public well (not covered) 07=Private well (covered) 08=Private well (not covered)
WATERSUP	Main drinking water supply	09=Spring (covered) 10=Spring (not covered) 11=River, Lake, Dam, etc

12=Other

FUELCOOK	Major cooking fuel	1 = Electricity 2 = Gas 3 = Paraffin 4 = Coal/Charcoal 5 = Firewood 6 = Other
FUELIGHT	Major lighting fuel	1 = Electricity 2 = Gas 3 = Paraffin 4 = Candles 5 = Other
TOILET	Toilet facilities	1 = No toilet 2 = Flush toilet 3 = Pit latrine 4 = VIP 5 = Other
COOLING	Cooling facilities	1 = None 2 = Fan 3 = Air Condition 4 = Air Condition & Fan
ELECTRIC	Electricity in building	1 = Yes 2 = No
GARBDISP	Garbage disposal	1 = Rubbish pit in/outside compound 2 = Rubbish bin 3 = Thrown in/outside compound 4 = Other
IMPROVE	Improve house condition	1 = Yes 2 = No
SHSPENT	Shs. spent on improvement	0000000 - 9999999
NOTIMPRV	Not improved housing condition - reasons	1 = No need 2 = No money 3 = No time 4 = Other 9 = Not applicable
DSTWATDS	Distance (km) to: Water supply in dry season	00 - 99
NEARFRWD	Nearest firewood source	00 - 99
NEARMRKT	Nearest market	00 - 99
NEARSHOP	Nearest shop	00 - 99
NEARHECE	Nearest dispensary/health centre	00 - 99
NEARHOSP	Nearest hospital	00 - 99
NEARPSCH	Nearest primary school	00 - 99
NEARRECE	Nearest religious centre	00 - 99

NEARPCOT	Nearest primary court	00 - 99
DSTURBCE	Distance to urban centre	00 - 99
DISTFARM	Distance to main farm	00 - 99
NEARBATT	Nearest traditional birth attendant	00 - 99
DSTPUBTR	Distance to public transport	00 - 99
DISTMILL	Distance to milling machine	00 - 99
DSTPCOOP	Distance to primary cooperative society	00 - 99
BUSINES1	Possess business 1	01-50, 98, 99 (See manual)
BUSINES2	Possess business 2	01-50, 98, 99 (See manual)
BUSINES3	Possess business 3	01-50, 98, 99 (See manual)
SOURCEIN	Main Source of household income	1 = Peasant farming 2 = Sales of livestock & livestock products 3 = Sales of crops 4 = Business 5 = Wages/salaries in cash 6 = Other cash 7 = Cash remittances 8 = Fishing 9 = Other
BANKACC	Possess Saving/Current account in bank	1 = Yes 2 = No
BANKLOAN	Bank loan taken	1 = Yes 2 = No
INSAVNG	Participate in informal saving group	1 = Yes 2 = No

6. VARIABLE DESCRIPTION FOR *PSONS.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification	
MEMNO	Household member number	01 - 40
RELHEAD	Relationship to head of household	01 = Head 02 = Spouse 03 = Son of head of household 04 = Daughter of head of household 05 = Child of spouse 06 = Grandchild/Grandchild of the spouse 07 = Parent/Parent of spouse 08 = Other relatives 09 = Domestic servant 10 = Other non-relative
SEX	Sex of the household member	1 = Male 2 = Female
AGE	Age of the household member at last birthday	00 = Age < 1 year 01 - 97 98 = If age > 97 years 99 = If age is unknown
MARSTAT	Marital status	1 = Never married 2 = Currently married 3 = Divorced/separated 4 = Widowed
DYSMONTH	Days present for the survey month	00 - 31
EDUCATT	Educational attainment	00 = No education 01 = Standard 1 02 = Standard 2 03 = Standard 3 04 = Standard 4 05 = Standard 5 06 = Standard 6 07 = Standard 7 08 = Standard 8 09 = Course after primary school 10 = Form 1 11 = Form 2 12 = Form 3 13 = Form 4 14 = Course after secondary school 15 = Form 5 16 = Form 6 17 = Other certificate course 18 = Diploma course 19 = Degree 20 = Adult education only

MAINJOB	Main economic activity for last week	ACTIVITIES: 01 = Working on own farm 02 = Fishing 03 = Paid employee, Govt. 04 = Paid employee, Parast. 05 = Paid employee, Private 06 = Self employed(Non agriculture /Fishing) without employees 07 = Self employed(Non agriculture /Fishing) with employees 08 = Non-money production (non-agriculture) 09 = Unpaid family helper in a business (non agriculture) 10 = Looking for work of any type (unemployed) 11 = No economic activity 99 = Not applicable
MAINJOBT	Time spent on MAINJOB in last week (hrs)	01 - 99
SECJOB	Other economic or non-economic activities for last week	ACTIVITIES: 00 = Less than 5 years 01 = Working on own farm 02 = Fishing 03 = Paid employee, Govt. 04 = Paid employee, Parast. 05 = Paid employee, Private 06 = Self employed (Non agriculture /Fishing) without employees 07 = Self employed (Non agriculture /Fishing) with employees 08 = Non-money production (non-agriculture) 09 = Unpaid family helper in a business (non agriculture) 12 = Housemaker/housewife 13 = Student 14 = Not active-old/retired 15 = Not active-sick 16 = Not active-disabled 17 = Not active-other 99 = Not applicable
SECJOBT	Time spent on SECJOB in last week (hrs)	01 - 99

7. VARIABLE DESCRIPTION FOR *TRANS.DBF*

VARIABLE NAME	DESCRIPTION	VALUE / CODES
HHID	Household identification	
ITMCODE	Code number of the transaction item (Descriptions of item codes are found in msimamiz.wpf (instruction manual)	10101 - 93110
TYPETRAN	Type of transaction	01 = Purchased 02 = Own produce 03 = Gathering 04 = Gift received 05 = Gift given away 06 = Loan given away 07 = Loan received 08 = Sales 09 = Savings 10 = Withdrawals 11 = Salary/allowance received 12 = Salary/allowance given away 13 = Others
MEMNO	Number of household member responsible for the transaction	01 - 40
UNITCODE	Standard unit code	01 - 10
STDUNQTY	Standard unit quantity	0.001 - 999999.999
VALUE	Value of the item in TShs.	0000000.05 - 9999999.95