

THE FEDERAL DEMOCRATIC REPUBLIC OF
ETHIOPIA

CENTRAL STATISTICAL AGENCY

**HOUSEHOLD
INCOME, CONSUMPTION
AND EXPENDITURE (HICE)
SURVEY 2004/5**

**Volume I
ANALYTICAL REPORT**

May 2007
Addis Ababa

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Executive Summary

In line with previous Household Income, Consumption and Expenditure (HICE) survey the goals of the 2004/5 HICE were to provide basic data needed for the purpose of designing socio-economic policy as well as other related issues that might arise at the micro level. In summary, and most notably with respect to this report, the intention was to:¹

- provide data on the levels, distribution and pattern of household income, consumption and expenditure that will be used for analysis of changes in the levels of living standards of households over time in various socio-economic groups and geographical areas.
- obtain information for the formulation of socio-economic plans and policies. and
- furnish series of data for assessing the impact of existing or proposed socioeconomic programs on household living conditions.

Unlike previous HICE reports we adopt a more detailed approach in the analysis to enhance the added value from the latest in this series of surveys. In particular, we provide especially in depth analysis of the socio-economic characteristics associated with expenditure and a detailed expenditure analysis, that also extends beyond relatively simple descriptive data work, in order to provide particularly insightful information regarding that socio-economic factors that underpin living standards. The report focuses exclusively on the expenditure data.

The first two chapters provide the introduction and survey background followed by further detail regarding survey methods and data collection. Chapter Three is split into two parts, the first focuses on main socio-economic characteristics of expenditure - such as population and household size, characteristics of household heads and members, literacy, education and economic activities. The second part of the chapter then provides a more specific focus on expenditure characteristics providing an overview of the descriptive data before undertaking in depth statistical analysis. The main findings are as follow:

¹Other objectives included obtain weights and other useful information for the construction of consumer price indices at various levels; provided data for compiling household accounts in the system of national accounts of especially in the estimation of private consumption expenditure.

Households Size/Demographics:

- The national average household size has decreased from 5 to 4.88 to 4.82, respectively for years 1995/6, 1999/00 and 2004/5.
- Almost one third of the population are less than 10 years of age and 47.2% are less than the lower limit of the normal working age (15 years).
- A high proportion (77.6%) of 0-9 year olds are in households that have 5 household members or more. 69.1% of 10-14 year olds live in households that have 6 or more members.
- The age composition of national and rural households has remained relatively static since 1995, however it would appear that urban households have undergone a degree of demographic structural change.
- As people get older the distribution of the proportion of individuals across the expenditure quintiles 'evens out'. For example, disproportionate numbers of children (under 10 years of age) live in the higher quintile households (8.5% in the highest expenditure quintile compared with 3.8% in the lowest quintile).

Household Heads/Members

- Although roughly equal proportions of the lowest quintile households are Male Headed Households (MHH) and Female Headed Households (FHH) gender differences increase with household expenditure.
- Beyond the lowest quintile, there is a fairly dramatic fall in the proportion of households that are FHH.
- Of the top two quintiles 85.4% of the households are MHH compared with only 14.6% FHH.
- Since 1995 the average proportion of FHH's in the lowest expenditure quintile has increased significantly from 43.5% to 49.5%.

Education/Literacy

- Slightly above one third (37.6%) of the population are found to be literate.

- Large gender differences appear to exist with 89% of rurally based female heads, in the lowest quintile, being illiterate compared with 68.5% of men.
- Illiteracy levels decrease as expenditure quintiles increase. For example, the proportion of illiterate, rurally based, individuals decreases to 73.7% and 60.1% moving from the 4th to the 5th quintile provides the most distinct jump in reduction of illiteracy status for both rural and urban, males and females.
- In all regions that average levels of female illiteracy is higher than that for males, with the largest inequalities between males and females being in Benishangul-Gumuz and Oromiya.
- Major educational attainment differences also exist across rural and urban areas, with 4.9% (38%) of the rural (urban) based population heads having completed the upper levels of primary education, or above.
- Regionally, comparisons of educational attainment the higher proportions of individuals completing primary educational level of 7-8 and beyond is dominated by the relatively high performers of Harari, Addis and Dire Dawa, with an average of 31.2%, 49.7% and 30.4%, of individuals, respectively completed up to this level of education.

Occupation

- As household size increases the proportion of working women, for quintile 1 households, reduces dramatically. Reduction in the proportion of women contributing income to households might of course be reflective of an increase in domestic and caring duties, that are a disproportionate responsibility of women.
- Self employed formal sector work in rural areas of course including agricultural and related activities (85%) is far higher than in urban areas (19.5%).
- The ratio of male:females employed in these sectors dramatically increases with quintile, especially in the public sector (self employed formal sector) where the ratio of males to females increases from 1.29 (1.91) to 4.5 (5.27) men to every women employed, as quintile increases.

Expenditure

Of the main findings from the descriptive data:

- The average expenditure per capita in the country is Birr 1697.35, however this varies considerably across the five quintiles, and 10 regions, and there is a particularly notable increase in expenditure between quintile 4 and 5, with expenditure per capita increasing by more than 1000 Birr.
- Apart from food, housing, water and fuel account for the second largest component of expenditure with an average of 320.51 Birr per person per annum and clothing and footwear is the third largest expenditure per capita with an average of 127.26 Birr of expenditure per person per annum.
- Analyzing specific major expenditure groups provides further understanding of expenditure patterns of the country. For example, fuel and power comprises a significant proportion (approximately 9%) of total expenditure, remaining relatively constant across quintiles. However, when we consider housing expenditure, these vary dramatically across quintiles with 16.8% of lowest expenditure quintile households expenditure being spent on housing, compared with only 7.4% of the highest quintile, and 9.3% overall.

Further statistical analysis significantly added value to our understanding of expenditure per capita by allowing us to establish with probability how specific socio-economic characteristics are statistically related to certain levels of expenditure per capita. We found:

- Female headed households (FHH) are on average fall in with the lowest quintile, were 4.9% less likely to be in the highest quintile and 5.6% less likely to be in the 4th quintile.
- Increasingly positive expenditure effects appeared in the statistical analysis - as educational attainment increases - for example, households that are headed by individuals that have completed primary education are 8.3% (11.4%) more likely to be in quintile 4 (5) than in the lowest quintile.
- Of the other findings, we also found that the type of activity, age, and region are all important influencers of expenditure per capita.

Calorie per capita

- Total calorie intake per individual per day is 2154.58 as obtained from the survey result.
- In the daily calorie intake, cereals have the major contribution - 62.8% (53.6% and 64.1% for Urban and Rural, respectively).
- Calorie intake per person per day for SNNP, Oromiya and Benshangul-Gumuz is above the average calorie intake at country level.
- The calorie intake per person per day for the rural areas in 2004/5 (1999/00) of the regions ranges from about 2124 (1616) in Afar to 2550 (2,440) in Harari. While in the urban areas, the daily calorie intake per person stood below 1,900 in SNNP and Dire

Dawa Region

CHAPTER 1

INTRODUCTION AND OBJECTIVES

1.1 Overview

The level and distribution of poverty in Ethiopia is extensive. According to the results obtained from the 1995/96 and the 1999/2000 Household Income, Consumption and Expenditure (HICE) surveys and Welfare Monitoring (WM) survey of the Central Statistical Agency (CSA), about 44 percent of the total population (45 percent in rural and 37 percent in urban areas) are found to be below poverty line. The country together with development partners, as a result, has put poverty reduction strategies high on the agenda and working firmly on the implementation program since the beginning of this decade. With firm dedication to reduce poverty, the government has prepared its poverty reduction program entitled "Sustainable Development and Poverty Reduction Program" (SDPRP) in 2002. The strategy has been implemented over the past five years. Furthermore, the government has prepared and implementing the poverty eradication action plan entitled "A Plan for Accelerated and Sustained Development to End Poverty (PASDEP)".

In light of the plan to reduce poverty over time, a strong system of monitoring and evaluation has been put in place. Consequently, the issue of welfare monitoring in the country arose as part of the Economic Reform Program (ERP). The ERP specifically and strongly, underlies to see the effects of the reform program on poverty and building the analytical capacity of the government to monitor and evaluate such effects. To this end, the government has established a Welfare Monitoring System (WMS) in 1996 to oversight the following major activities:

- Establish an information system that provides a continuous picture of the poverty scenario in the country;
- Indicate the impact of reform programs on the level of household welfare;
- Establish follow-up procedures on the various programs and activities targeted towards poverty reduction; and

- Conduct regular statistical surveys to assess, in particular, the efficiency of targeted programs.

The CSA and Welfare Monitoring Unit (WMU) of Ministry of Finance and Economic Development (MoFED) has been the key actors in the Monitoring and Evaluation (M&E) system in place by way of producing, analyzing and disseminating poverty related data and results. The program has been supported by the World Bank IDA Credit and the Norwegian Trust Fund.

In line with strengthening the established M&E system of the government, the CSA and WMU of MoFED had also submitted a financing requirement proposal (entitled: Strengthening Data Collection, Analysis and Dissemination on Poverty Monitoring and the MDGs) to the Development Assistant Group (DAG). Following the signing of the Memorandum of Understanding (MU) between MoFED, CSA and the donors, various implementation activities have also been carried out.

In order to meet the data needs of the WMS, the CSA has been conducting the two surveys that provide poverty related data: the HICE and the WM surveys since 1995/96. The HICE and the WM surveys provide fundamental information for the designing and monitoring and evaluation of the country's poverty reduction strategy i.e., the SDPRP, the various socioeconomic policies and programs and hence monitor the progress towards meeting the Millennium Development Goals (MDGs). The two surveys are inseparable and provide basic data that reflect the standard of living of households, individuals and the society as a whole.

The HICE survey basically reflect the income dimension of poverty while WM survey aims at providing socioeconomic data that reflect the non-income dimension of poverty. The HICE survey provides statistics on income, consumption and expenditure of households and WM survey provides basic indicators on the various socioeconomic areas including health, education, nutrition, access to and utilization and satisfaction of basic facilities/services and related non-income aspects of poverty. The HICE survey has been conducted together with the WM survey every four-five

years since 1995/96. The latest of these HICE surveys is for 2004/5 and covered a representative sample of 21,600 households. Previous HICE were similarly representative, covered 11,928 and 17,332 households for 1995/96 and 1999/00, respectively.

Several reports have been produced based on the previous surveys including the statistical reports produced by the CSA: report on the 1995/96 HICE survey and WM survey, report on the 1999/2000 HICE survey and WM survey, summary reports for the 1999/2000 HICE and WM surveys and report, on the 1998 and 2004 WM surveys. Furthermore, two major poverty profile reports were produced by the WMU, the first one in 1999, and the second which underpinned SDPRP I in 2000, based on the 1999/00 HICE and WM survey data sets.

Unlike the previous two HICE surveys that had been conducted in 1995/96 and 1999/00, in the 2004/05 HICE survey data on Household Consumption Expenditure and Household Income were collected independently using separate modules. However, this report concentrates only on the household consumption expenditure part.

This report is a little different in structure compared with previous HICE surveys. The current report has tried to provide relatively comprehensive narrative for the survey findings, thus providing the end user with examples of how to fully utilize the rich data that has evolved from the HICE series. Furthermore, given the significant economic growth and poverty reduction that the country has experienced over the last decade, we thought it is also pertinent to compare some of the most recent HICE data with that of the previous surveys, such as the 1995/96 and 1999/00 HICE. The report constitutes four chapters and it is structured as follows. Chapter 1 highlights some background remarks (introduction and objectives) on the survey, Chapter 2 deals with survey methodology and operational issues and Chapter 3 presents major findings of the survey followed by summary of findings in Chapter 4. The report presents summary of statistical tables of the survey results at country and regional levels compiled for urban and rural areas.

1.2 Objectives of the HICE Survey

The core objective of the HICE survey is to provide data that enable to understand the income aspects of poverty and the major objectives are to:

- assess the level, extent and distribution of income dimension of poverty;
- provide data on the levels, distribution and pattern of household expenditure that will be used for analysis of changes in the households' living standard level over time in various socio-economic groups and geographical areas;
- provide basic data that enables to design, monitor and evaluate the impact of socio-economic policies and programs on households/individuals living standard;
- furnish series of data for assessing poverty situations, in general, and food security, in particular;
- provide data for compiling household accounts in the system of national accounts, especially in the estimation of private consumption expenditure; and
- obtain weights and other useful information for the construction of consumer price indices at various levels and geographical areas,

1.3 Training and Field Organization

1.3.1. Training of Field staff

Training was held in two stages in both rounds, i.e. in the first and second rounds of the survey period. The first stage was training of trainers and was conducted at the CSA head office. A total of 140 participants including professionals and sub-professionals from the head office, heads of the branch offices and the respective statisticians from each branch office were trained at this stage. The second stage training involved training of about 3970 field staff consisting of 3270 enumerators and about 700 supervisors and was conducted at all branch offices of the CSA.

The training at the head office lasted for about 15 days focusing on theoretical discussions on concepts, definitions, and principles of interview and how to complete questionnaires. The training also had focused in practical sessions which include

mock interviews and two-days field practice both in rural and urban areas. The objectives of practical interviewing of households were two fold. First, it enabled to assess how well the theoretical class discussions were understood by all participants so that they could convey the same message to enumerators and supervisors. The second objective was to examine the practical difficulties pertaining to the various socioeconomic groups, which would likely be encountered during the actual fieldwork.

The second stage training was undertaken at the branch offices and took about 22 days. The training was more detailed than the first stage in both theoretical and practical aspects to ensure the full competence of the field staff in collecting the required information. The trainers were professional and sub-professional staffs that were trained at the head office.

1.3.2. Field Organization

The CSA branch offices led by the Field Operations Department at the Head Office did the major work of the field organization. All the 24 branch offices of the CSA (Excluding Gambela) had fully participated in the survey undertaking, starting from recruitment of field staff, organizing the second stage training, in deploying the field staff to their respective sites of assignment, field supervision and retrieval of the completed questionnaires to the head office where the data processing activities took place. They were also responsible for administering financial and logistics aspects of the survey. Additionally, line government organizations especially Kebele's also had a significant role in facilitating the fieldwork. Writing administrative letters that introduce the work and the enumerators to the local people particularly the sample households, provision of field guides, etc were tasks of the local government units.

1.4. Explanatory Note

Further explanatory notes to be considered throughout the report are:

➤ Calorie Estimates

- The calorie estimates which had been used for the calculation of per person daily calorie intake in the previous two HICE surveys (1995/96 and 1999/00) were gross calories, while in the current survey (2004/5), in addition to the gross calorie intakes, net calorie intake has been also estimated and included in the report. The differences between gross calorie and net calorie, is given in chapter 2, under concepts and definitions.
- Usually, food composition tables prepared by ENHRI containing nutrients include food energy (calorie) are in terms of solid substance measuring units (i.e., per 100 grams). On the other hand, during the data collection of the HICE survey, the Quantity of consumed liquid items were measured in liquid measuring units. Hence in order to arrive at a most reliable calorie estimate, quantity of liquid items has to be converted into of solid measuring equivalents. Since, such exercise hadn't been done in the previous (1995/96 and 1999/00) surveys, an upward biase (over estimation of daily calorie per person) was expected. However, for the current survey (2004/5) all quantity of consumed of items in a liquid form are converted into their gram equivalent unit scales.

➤ Figures

- Figures may not add up to totals because of rounding
- Figures may slightly differ from table to table due to processing.

➤ Acronyms

Agri.	Agricultural
Non - Agri.	Non - Agricultural
CSA	Central Statistical Agency
DAG	Development Assistance Group
F	Female
M	Male
M+F	Both sexes
FHH	Female Headed Household
MHH	Male Headed Household
HH	Household Head
HM	Household Member
HICE	Household Income, Consumption and Expenditure
IDA	International Development Assistance
MDGs	Millennium Development Goals
M&E	Monitoring and Evaluation
MoFED	Ministry of Finance and Economic Development
PC	Per Capita
PHH	Per Household
PP	Per Person
R	Rural
U	Urban
R+U	Rural and Urban
WM	Welfare Monitoring
WMS	Welfare Monitoring System
WMU	Welfare Monitoring Unit
%	Percent
CV	Coefficient of Variation
CI	Confidence Interval
DE	Design Effect
SE	Standard Error

In addition to this report, a second report will be produced by the MoFED on poverty profile of the country. Although, both reports were prepared using the same data set due to the differences in the analysis approach and the indicators used these reports may not be identical. These two different approaches are:

CSA's report is based on analysis at current prices of the survey year and uses actual household size.

MoFED's report is based on 1995/96 constant prices and uses adult equivalent scale for its analysis.

CHAPTER 2

SURVEY METHODOLOGY AND PROCESSING

2.1 Coverage

The 2004/05 HICE Sample Survey covered all rural and urban parts of the country except all zones of Gambella Region, and the non-sedentary population of three zones of Afar and six zones of Somali regions. In the rural part of the country it was planned to cover 797 enumeration areas (EAs) and 9,564 households. However, due to various reasons 3 EAs and 64 households were not covered by the survey. The overall response rate is 99.62 percent for EAs and 99.3 percent for households. For urban areas 760 EAs and 12,160 households were planned to be covered ultimately, 100 percent of EAs and 99.50 percent of households were successfully covered by the survey.

2.2 Concepts and Definitions

URBAN CENTER: in principle is defined as a locality with 2000 or more inhabitants. In this survey, however, for practical purposes an urban centre includes the following regardless of the number of inhabitants.

- i) All administrative capitals (Regional capitals, Zonal capitals and Wereda capitals),
- ii) Localities with Urban Dweller's Association (UDAs) not included in (i),
- iii) All localities which are not included either in (i) or (ii) above having a population of 1000 or more persons, and whose inhabitants are primarily engaged in non- agricultural activities.

URBAN DWELLER'S ASSOCIATION. UDA. (KEBELE): is the lowest administrative unit in an urban centre with its own jurisdiction. It is an association of urban dwellers (commonly known as Kebele) formed by the inhabitants, and usually constitutes a part of the urban centre.

FARMER'S ASSOCIATION (FA): is the lowest administrative unit in a settled rural area with its own jurisdiction. It is an association of rural dwellers formed by the inhabitants of a given area whose members are engaged either in agricultural and/or non-agricultural activities.

ENUMERATION AREA (EA): is a unit of land delineated for the purpose of enumeration housing units and population without omission and duplication. An EA usually consists of 150 to 200 households in rural areas and 150 to 200 housing units in urban areas. An enumeration area should be related to a UDA or an FA in one of the following ways.

- An EA may be equal to an FA if the number of the households in the FA is less than or equal to 150 – 200 in rural areas; and is equal to a UDA in urban areas if the number of housing units in the UDA is 150 – 200.
- An EA may be a part of an FA or a UDA and its delineation can not extend outside the boundary of the corresponding FA or a UDA.

COLLECTIVE QUARTER: A collective quarter is a premise (a housing unit, a building or a compound) in which a number of unrelated persons reside together, and share common facilities. Examples of collective quarters are monasteries, prisons, boarding schools, home for aged, children's homes, work camps, military barracks, etc. It is important to note that in the premises of some collective quarters, there may be private households.

HOUSEHOLD: Constitutes of a person or group of persons, irrespective of weather related or not who normally live together in the same housing unit or group of housing units and who have common cooking arrangements.

HEAD OF HOUSEHOLD: A head of a household is a person who economically supports or manages the household or for reasons of age or respect, is considered as head by members of the household or declares himself as head of a household. Head of a household could be male or female.

MEMBER OF HOUSEHOLD: Person constituting a household is called member of the household. The following are considered as members of a household:

- i) All persons who lived and ate with the household for at least six months including those who were not within the household at the time of the survey and were expected to be absent from the household for less than six months.
- ii) All guests and visitors who ate and stayed with the household for six months and more.
- iii) Housemaids, guards, baby-sitters, etc. who lived and ate with the household even for less than six months.

HOUSEHOLD SIZE: Is the total number of members of a household.

CONSUMPTION EXPENDITURE: is defined as total expenditure incurred by the household or any of its members and includes expenditure on consumption as well as non-consumption commodities. It includes consumption of own crops and own livestock and livestock products, consumption of goods and services purchased for resale or produced or processed in the household enterprise other than agriculture, imputed rent of free housing (i.e. subsidized amount only), imputed rent of owner occupied housing, and, value of items obtained free (i.e. firewood, water, etc.).

The following major groups are included in the households consumption expenditure.

- Food and Non-Alcoholic Beverages;
- Alcoholic Beverages and Tobacco;
- Clothing and Footwear;
- Housing, water and fuel and power;
- Furnishing; Household Equipment and Maintenance,
- Health;
- Transport and communications;
- Recreation, Culture and Education; and
- Miscellaneous Goods and Services, such as Personal Care and Personal effects.

TOTAL EXPENDITURE : In household expenditure surveys total expenditure is defined as all household consumption expenditures as well as non-consumption expenditures. That is, all expenditures listed under consumption expenditure plus other expenditures such as remittance paid, deposit, interest paid, insurance premia, loans given out, repayments of loans made, pension and other contributions, donations, fines and related legal expenses, income tax, purchase of lottery tickets and gambling expenses, 'Ikub' payments, 'Idir' contributions, operating cost of household economic enterprises, and other similar payments.

HOUSEHOLD ENTERPRISE : Household enterprise is an economic enterprise undertaking where goods and services are produced for sale and it also includes those engaged in buying and selling activities. An agricultural enterprise producing for own consumption (Household Consumption) only is covered by the definition. Generally, the type of enterprise considered as a household enterprise by the survey is an economic enterprise run by the household/member of a household in which its primary aim being to manage the livelihood of the household and doesn't have any distinct demarcation between its income/expenditure and the households' income/expenditure.

INFORMAL SECTOR: For this survey informal sector is defined as household type enterprises/establishments or activities which:-

- are mainly engaged in marketed production, and
- are not registered companies cooperatives, and
- have no full written book of accounts, and
- have less than 10 persons engaged in the activity, and
- have no licence.

Therefore, for this survey an enterprise/establishment/activity is considered informal if it meets the aforementioned five criteria. However, an agricultural enterprise/activity run by private peasant holdings in rural areas and mainly produce for own consumption (household consumption) is considered as formal sector.

PRODUCTIVE ACTIVITY: This is an act of selling (making available to the market) the out put of an activity (the whole or in part) in kind or cash: This could be working in public or privately owned enterprise on salary/wage basis. Here too, all activities that are carried out in rural areas by private peasant agricultural holders are considered to be productive.

EMPLOYER: is a person who hires at least one employee for her/his enterprise/establishment or activity. Any one who uses hired labour for her/his activity and takes part in the productive activity is also included here in this survey.

EMPLOYEE: An employee is any worker hired by some one on contract, permanent or temporary basis. The payment could be in cash or kind on weekly, bimonthly or monthly basis.

SELF EMPLOYED: This is an individual who works in his own enterprise including agriculture with out hiring any one. In this survey those who use family labour without payment are also included here.

UNPAID FAMILY WORKER: A member of a household who is working for the enterprise/establishment or activity of the household with out payment.

WAGE/SALARY: includes all payments in cash or in kind made to employees in connection with work done for enterprise/establishment or activities.

"IDIR" : Refers to Community based insurance scheme in which a household head contributes a predetermined amount of money to the membership in order to be insulated from cash shortfalls in the event of death of a specified member of her/his family or himself.

"IQUB" : is a type of saving or revolving fund arranged by members of a community.

HOUSEHOLD EXPENDITURE QUINTILE: is dividing the households according to their expenditure level into five equal parts.

CALORIE: A calorie is the energy required to heat one gram of water by one degree Celsius. A kilo calorie, termed as Kcal, is 1.000 calories.

GROSS CALORIE: refers to crude calorie, that is estimated based on total purchased (produced) weight of consumed items with out discarding inedible materials.

NET CALORIE: is a calorie that is estimated based on the edible portions weight of consumed (food) items. It is a gross calorie deflated by (or minus) the proportion of the inedible portion (material), termed as refuse.

REFUSE: It refers to the percentage of the total purchased/produced weight that is discarded while preparing food. Refuse includes bones, pits, shells, and other inedible portions that could be eaten but as a rule are discarded; for example, potato parings and tough outer leaves of vegetables.

2.3 Sample Frame

The list of households obtained from the 2001/2 Ethiopian Agricultural Sample Enumeration (EASE) was used as a frame to select EAs from the rural part of the country. On the other hand, the list consisting of households by EA, which was obtained from the 2004 Ethiopian Urban Economic Establishment Census, (EUEEC), was used as a frame in order to select sample enumeration areas for the urban HICE survey. A fresh list of households from each urban and rural EA was prepared at the beginning of the survey period. This list was, thus, used as a frame in order to select households from sample EAs.

2.4 Sample Design

For the purpose of the survey the country was divided into three broad categories. That is; rural, major urban center and other urban center categories.

Category I: Rural: - This category consists of the rural areas of eight regional states and two administrative councils (Addis Ababa and Dire Dawa) of the country, except Gambella region. Each region was considered to be a domain (Reporting Level) for which major findings of the survey are reported. This category comprises 10 reporting levels. A stratified two-stage cluster sample design was used to select samples in which the primary sampling units (PSUs) were EAs. Twelve households per sample EA were selected as a Second Stage Sampling Unit (SSU) to which the survey questionnaire were administered.

Category II:- Major urban centers:- In this category all regional capitals (except Gambella region) and four additional urban centers having higher population sizes as compared to other urban centers were included. Each urban center in this category was considered as a reporting level. However, each sub-city of Addis Ababa was considered to be a domain (reporting levels). Since there is a high variation in the standards of living of the residents of these urban centers (that may have a significant impact on the final results of the survey), each urban center was further stratified into the following three sub-strata.

- Sub-stratum 1:- Households having a relatively high standards of living
- Sub-stratum 2:- Households having a relatively medium standards of living and
- Sub-stratum 3:- Households having a relatively low standards of living.

The category has a total of 14 reporting levels. A stratified two-stage cluster sample design was also adopted in this instance. The primary sampling units were EAs of each urban center. Allocation of sample EAs of a reporting level among the above mentioned strata were accomplished in proportion to the number of EAs each stratum consists of. Sixteen households from each sample EA were finally selected as a Secondary Sampling Unit (SSU).

Category III: - Other urban centers: - Urban centers in the country other than those under category II were grouped into this category. Excluding Gambella region a domain of "other urban centers" is formed for each region. Consequently, 7 reporting

levels were formed in this category. Harari, Addis Ababa and Dire Dawa do not have urban centers other than that grouped in category II. Hence, no domain was formed for these regions under this category.

Unlike the above two categories a stratified three-stage cluster sample design was adopted to select samples from this category. The primary sampling units were urban centers and the second stage sampling units were EAs. Sixteen households from each EA were lastly selected at the third stage and the survey questionnaires administered for all of them.

2.5 Sample Size and Selection Scheme

Category I: - Totally 797 EAs and 9,564 households were selected from this category. Sample EAs of each reporting level were selected using Probability Proportional to Size (PPS) with systematic sampling technique; size being number of households obtained from the 2001/2 Ethiopian Agricultural Sample Enumeration. From the fresh list of households prepared at the beginning of the survey 12 households per EA were systematically selected and surveyed.

Category II: - In this category 485 EAs and 7,760 households were selected. Sample EAs from each reporting level in this category were also selected using probability proportional to size with systematic sampling method; size being number of households obtained from the 2004 EUEEC. From the fresh list of households prepared at the beginning of the survey 16 households per EA were systematically selected and covered by the survey.

Category III: - 127 urban centers, 275 EAs and 4,400 households were selected in this category. Urban centers from each domain and EAs from each urban center were selected using probability proportional to size with systematic sampling method; size being number of households obtained from the 2004 EUEEC. From the listing of each EA 16 households were systematically selected and the survey was carried out on the 16 ultimately selected households.

Including region rural, region urban and country domains, totally 61 reporting levels (including the 10 sub-cities of Addis Ababa) were formed. For the overall distribution of planned and covered EAs and households see Annex II.

Estimation procedures, standard errors and coefficients of variations for the estimates of selected variables are also presented in Annex III & Annex IV, respectively.

2.6 Data Collection

The data collection of the HICE survey in the first round and second round has taken place from 4 July to 3 August 2004 and from 4 February to 5 March 2005, respectively. A total of 3114 enumerators and 623 field supervisors with an average supervisor-enumerator ratio of one to five together with about 75 technical staff from the branch offices were involved in the field work.

In all of the selected sample units data were collected from 12 sample households from each rural sample EA and 16 households from each urban sample EA. In every EA two enumerators were assigned for the data collection in such a way that an enumerator has to collect data from six households in rural and from eight households in urban areas.

Data were collected in such a way that the six rural and eight urban households that were handled by one enumerator, were interviewed over a period of four weeks. The enumerator assigned in rural area visited two households daily and those enumerators assigned in urban EA visited two-three households daily, so that data has been collected from each sample household twice a week, i.e. for eight times during the survey month in each round. It is believed that the frequent visits made by the enumerators to each household was essential to control errors arising from memory lapse that is common in household surveys of this nature.

In relation to the nature and type of expenditure, different reference periods were used to collect information from each household /member of household. The reference periods used for data collection of different variables are given in summary Table B.

Summary Table 2.1 Reference Periods of Data Collection

Type of Data	Reference Periods
1. Population Characteristics	Beginning of Survey date
2. Food, Beverages and Tobacco	Twice weekly (3-4 days)
3. Clothing and Footwear	Last 3 & Last 6 Months
4. Housing, water, fuel & power	Conditional
▪ Water	Twice Weekly (3-4 Days)
▪ Fuel & power	Twice Weekly (3-4 Days)
▪ Other Durable Goods and Long Term Services	Last 3 & Last 6 Months
5. Furnishings, Household Equipment & Maintenance	Conditional
• Goods & Services for Routine Household Maintenance	Twice Weekly (3-4 Days)
• Other Durable Goods and Long Term Services	Last 3 & Last 6 Months
6. Health	Conditional
• Pharmaceutical Products & Drugs	Twice Weekly (3-4 Days)
• Medical Treatment and Other Health Expenses	Last 3 & Last 6 Months
7. Transport	Conditional
• Transport Service Charges	Twice Weekly (3-4 Days)
• Purchase, Operation and Other Durable Goods & Long Term Services	Last 3 & Last 6 Months
8. Communication	Conditional
• Frequent Service Charges	Twice Weekly (3-4 Days)
• Equipments, Rent and Maintenance	Last 3 & Last 6 Months
9. Recreation & Culture	Conditional
• Recreational and Cultural Services and News paper	Twice Weekly (3-4 Days)
• Equipments, Accessories & Repairs	Last 3 & Last 6 Months
10. Education	Conditional
• Educational Materials	Twice Weekly (3-4 Days)
• Educational Services	Last 3 & Last 6 Months
11. Miscellaneous Goods and Services	Conditional
• Personal Care & Financial Services	Twice Weekly (3-4 Days)
• Personal Effects (Goods) and other Durable Goods and Long Term Services	Last 3 & Last 6 Months

Both interview and objective methods of data collection were introduced to collect data from households and individuals using four modules. Interview method was used to collect information related to population characteristics, amount of expenditure, type of expenditure and source of expenditure. Objective method was used, basically, to measure consumption of food and beverages. Also, objective measurements had been used for non-industrial commodities such as fire wood, charcoal, ... etc.

Apart from the HICE survey, price survey was also conducted side by side in a near by market, that is a market located around the selected EA. The basic objectives of the price survey were to:

- furnish price data for the purpose of valuation of consumed items in the cases where value or quantity is missing during data processing operation, and
- provide price data that would be used for consistency checking activities during the data processing activities.

2.7 Field Supervision

In survey of this type, regular and intensive supervision is necessary and crucial component of the whole data collection process. A regular supervision, which is also compulsory activity in the CSA surveys, has been undertaken at various levels to ensure the quality of the data. The permanent field supervisors were assigned to take care of the day-to-day supervision activities. Branch Statistical Office heads and statisticians were also involved in the regular supervision operation. Moreover, most of the professionals and sub professionals from the head office that were engaged in the training of the field staff were also deployed in the actual field supervision. A team comprised the top management has also visited the fieldwork of the survey.

2.8. Data Processing

The data processing activities were undertaken at the head office. These activities included manual editing, coding, verification, and data capturing (data entry) in its first

stage. Consistency checking, and data validation activities has been carried out in the second stage, while estimation with proper sampling weights and tabulation activities were carried out in the final stage of the data processing by concerned professionals.

2.8.1. Data Editing, Coding and Capturing

The first step of data processing activities was the training of 40 data editors/ coders and 20 supervisors by subject matter department staff members for the first round survey data. The data capturing (data entry) operation was carried out using about 60 computers and as many data encoders. Similarly, the data processing activities of the second round survey were undertaken by about 60 editors/coders and 25 verifiers for about 85 days. Data entry operation took about 60 days using 125 computers and as many data encoders.

2.8.2 Data Validation and Cleaning

Data validation and cleaning activity was carried out by subject matter specialists and data processing programmers. The data cleaning and validity checking activities were carried out at commodity, and visit levels and has been done systematically. For this purpose various type of edit specification documents were prepared by subject matter specialists and used for the data cleaning purpose. The data cleaning and validation activities have passed through various steps, such as:

- Estimation of missing observations (either value or quantity) using the available results of the price survey that was collected at the time of the survey from a nearby market places;
- Validity and consistency of quantity and value of consumption items were checked at a visit level based on internal ¹ and/or external ² price data;
- Estimation (conversion) of consumption of own production using the observed quantities and the external price survey data;

- Comparison of the household expenditure were made on durable goods that were collected at different reference periods (3 and 6 months) in order to decide whether to utilized the 3 or 6 month's data for the analysis, and similar validation techniques have been carried out.

3.1 SOCIOECONOMIC CHARACTERISTICS

After completing the data cleaning and validation activities two sets of six month's estimates were separately created prior to merging the two rounds data sets. Due to the nature of the survey, the validity checking and data cleaning activity has taken a long period of time.

However, this chapter provides a focuses on the descriptive data of the main socio-economic factors, such as demographic characteristics of household members i.e. gender, age, educational status, occupational status, relationship to head and marital status and other general demographic characteristics, and the relation to expenditure. Wherever possible it also provides a more distinct focus and explanation of trends by disaggregating the analysis, for example, by focusing on issues such as dependency ratios, gender of household head, ...etc.

3.1.2 Population and Household Size

On the basis of the 2004/5 HICE the total population of the sedentary areas of the country, excluding Gambella, at the time of the survey was 64.5 million, increasing from 50 million in 1999/00, with roughly equally proportions of males and females across periods (for example in 2004/5 there were 31.7million males and 32.8 million females).

As would be expected such figures are much in line with the larger samples that the WM survey comprises. Based on the Welfare Monitoring Survey 2004, the total population was estimated at 55.3 million. The rural and urban population was estimated at 27.8 million (17.8 million males and 10 million females) and 9.1 million (4.2 million males and 4.9 million females) respectively.

¹Internal price is the value of consumption expenditure of commodities converted into price per standard unit.

²External price is the price of commodities generated from the price survey, that has been collected during the HICE survey in the near by market places of the selected EAs

Considering the household size, Summary Table 3.1 indicates a national/urban/rural perspective 16.6% of households have the most commonly observed household size of 6 members. Urban household size appears to be slightly smaller compared with rural

CHAPTER 3

MAJOR SURVEY FINDINGS

3.1 SOCIOECONOMIC CHARACTERISTICS

3.1.1 Introduction

Following on from the survey specific characteristics highlighted in the previous Chapter, this chapter provides a focus on the descriptive data of the main socio-economic factors, such as demographic characteristics of household members i.e. gender, age, educational status, occupational status, relationship to head and marital status and other general demographic characteristics, and the relation to expenditure. Wherever possible it also provides a more distinct focus and explanation of trends by disaggregating the analysis, for example, by focusing on issues such as dependency ratios, gender of household head, ...etc.

3.1.2 Population and Household Size

On the basis of the 2004/5 HICE the total population of the sedentary areas of the country, excluding Gambella, at the time of the survey was 64.5 million, increasing from 56 million in 1999/00, with roughly equally proportions of males and females across periods (for example in 2004/5 there were 31.7million males and 32.8 million females). As would be expected such figures are much in line with the larger samples that the WM survey comprises. Based on the Welfare Monitoring Survey 2004, the total population estimate was 64.7 million. The rural and urban population was estimated at 55.3 million (27.5 million males and 27.8 million females) and 9.1 million (4.2 million males and 4.9 million females), respectively.

Considering the household size, Summary Table 3.1 indicates a national/urban/rural perspective 16.6% of households have the most commonly observed household size of 6 members. Urban household size appears to be slightly smaller compared with rural

households with the most common size being 5 individuals. Prior HICE reports - 1995/96 and 1999/00 identified the national average household size have decreased from 5 (1995/96) to 4.9 (1999/00), figures in Summary Table 3.2 indicate that this has now reduced to 4.8. Considering the urban/rural dimension the average household size for urban (rural) based households has decreased from 4.7 (5.1) in 1995 to 4.3 (4.9) in 2005.¹

Summary Table 3.1: Percentage Distribution of Household Members by Household Size, Expenditure Quintile and Place of Residence, Country-2004/5

Exp. Qui.	Place of Residence	Household Size									
		1	2	3	4	5	6	7	8	9	10
1	R+ U	5.7	18.7	21.1	21.7	16.3	9.5	4.4	1.6	0.9	0.1
	R	5.1	19.0	20.9	21.6	16.3	9.9	4.6	1.6	1.0	-
	U	9.2	17.1	22.4	22.8	16.0	7.6	2.7	1.4	0.4	0.4
2	R+ U	0.8	6.8	16.3	17.8	18.4	19.5	11.8	4.5	2.1	1.9
	R	0.4	6.4	16.4	18.0	18.4	19.8	12.1	4.5	2.2	1.9
	U	3.4	10.5	16.1	16.3	19.2	16.6	9.8	4.8	1.2	2.1
3	R+ U	0.4	3.2	9.2	18.6	18.0	16.3	16.8	9.0	4.3	4.2
	R	0.2	2.8	8.7	18.7	18.7	16.2	17.0	9.0	4.4	4.3
	U	2.3	6.4	13.6	17.9	11.5	17.0	14.6	8.9	3.9	3.9
4	R+ U	0.3	1.4	5.3	10.9	17.8	18.8	18.3	14.3	6.6	6.4
	R	0.1	0.8	4.8	10.6	17.5	19.7	19.4	14.7	6.5	6.0
	U	1.8	5.4	9.4	13.9	19.7	11.7	10.0	11.4	7.3	9.4
5	R+ U	0.3	0.9	2.4	7.3	10.9	16.3	19.1	14.0	12.8	16.0
	R	0.1	0.5	1.4	5.9	9.4	16.3	20.3	15.0	14.2	16.8
	U	0.8	2.6	6.0	12.1	16.5	16.4	14.6	10.3	7.6	13.0
Total	R+ U	1.1	4.7	9.2	14.1	15.9	16.6	15.3	9.9	6.3	6.9
	R	0.8	4.4	8.9	13.8	15.8	16.9	16.0	10.1	6.5	6.8
	U	2.6	6.7	11.3	15.3	16.6	14.5	11.6	8.4	5.2	7.8

Summary Table 3.1 also shows the percentage distribution of household members by household size and expenditure quintile. A further observable general trend is that households in the highest quintiles also have a higher household size. For example, the most common household size in the lowest quintile is 4 persons [21.7% of individuals in the first quintile live in households with 4 individuals, compared with 10.9% of individuals in the highest quintile]. This increase in household size as households increase their expenditure appears to be relatively smooth across the quintiles. For example, by looking at the middle income quintiles (3 to 4) the median household size increases, from 4 to 6 individuals.

¹ 1995 figures based on HICE 1995 report.

Summary Table 3.2 indicates the average household size, disaggregated by region. Oromiya has the highest average household size with 5.2 persons per household, while the average household size observed in the rest of the regions range from 4.3 persons (in Harari) to 4.9 persons per household observed in Addis Ababa.

Summary Table 3.2: Average Household Size, Percent of Population by Broad Age Group, Dependency Ratio and Region

Region	Average HH Size	Broad Age Group in Years				Depend. Ratio ²
		0-9	0-14	15-64	65+	
Coutry - Total	4.8	33.6	47.2	49.5	3.3	102
Urban	4.3	23.0	36.1	60.7	3.2	65
Rural	4.9	35.2	49.0	47.7	3.3	110
Tigray	4.6	31.9	45.9	49.9	4.2	100
Afar	4.4	29.6	42.8	55.0	2.1	82
Amhara	4.5	31.7	45.7	50.5	3.8	98
Oromiya	5.2	35.7	50.0	46.8	3.2	114
Somali	4.8	33.8	47.3	50.0	2.7	100
Ben-Gumuz	4.7	32.5	45.5	52.4	2.1	91
SNNP	4.8	35.4	48.1	49.2	2.7	103
Harari	4.3	29.1	40.6	55.5	3.9	80
Addis Ababa	4.9	15.7	26.9	69.7	3.4	43
Dire Dawa	4.4	24.8	37.7	58.5	3.8	71

3.1.3 Household Composition

Summary Table 3.2 also reveals descriptive data regarding the composition of households.

- Firstly, slightly over one third of the population are less than 10 years of age and almost 47.2% are less than the lower limit of the normal working age (15 years). However, this appears to be largely compensated by 49.5% of population being of a working age.

²Number of non working aged (<15 and >64 years) individuals over number of workings aged individuals.

- Rural/urban households comprise approximately 48%/61% working aged adults. Naturally this data does not reflect the capabilities of the working aged individuals but does at least in part, reflect the earning capacity of households. This appears further accentuated when looking at urban/rural households and the proportion of children in households - almost half of all rural households are comprised of children (aged 0-14 years of age), compared with 36.1% for urban households.

The dependency ratio for the country is computed to be about 102 (Summary Table 3.2), which implies that every 100 persons at economically productive age group is responsible to take care of themselves and additional 102 persons (children and aged population). The survey has indicated high variation in dependency ratio with higher dependency ratios in rural areas than urban. The dependency ratios for urban and rural areas are estimated to be 65 percent and 110 percent, respectively.

From a regional perspective the highest dependency ratio (114 percent) is observed in Oromiya, while the lowest is observed in Addis Ababa (43 percent) followed by Dire Dawa (71 percent).

Considering the distribution of household members, across age groups and expenditure quintiles perhaps one of the most interesting observations is that:

- Disproportionate numbers of children (under 10 years of age) live in the higher quintile households - they comprise 48.1% of households compared with 41.1% for the lowest expenditure quintile.
- Greater proportions of old aged individuals are in the lower quintile households than the higher quintile households.

Although the highest quintile households appear to contain the most children, as noted earlier, it is important to consider the dependency ratio - the proportion of dependant aged individuals (<15 years and 65 years or more) relative to the working aged individuals. Summary Table 3.3 below, reveal that the proportion of dependants to adults for the quintile

1 is 91 dependants per 100 adults (0.91 dependents per adult) but this varies significantly by rural/urban 94/69 (i.e., 0.94/0.69 per adult).

Summary Table 3.3: Percentage Distribution of Population by Broad Age Group and Dependency Ratio, Country Level - 2004/5

Background Variable	Area of Residence	Expenditure Quintile					Total
		1	2	3	4	5	
Children Age 0-14 years	Rural +Urban	40.4	45.9	48.4	49.6	48.1	47.2
	Rural	41.5	47.2	49.7	51.1	51.5	49.0
	Urban	34.0	36.1	37.4	37.8	35.5	36.1
Working Age 15-64 Years	Rural +Urban	52.4	50.1	49.1	47.8	49.7	49.5
	Rural	51.7	48.8	47.9	46.3	46.4	47.7
	Urban	59.3	60.0	59.6	59.7	62.2	60.7
Old Age > 64 Years	Rural +Urban	7.2	4.0	2.5	2.6	2.2	3.3
	Rural	2.3	4.0	2.4	2.6	2.1	3.3
	Urban	6.7	3.9	3.0	2.5	2.3	3.2
Dependency Ratio	Rural +Urban	90.8	99.6	103.7	109.2	102.2	102.0
	Rural	94.4	104.9	108.8	116.0	115.5	109.6
	Urban	68.6	66.7	67.8	67.5	60.8	64.7

Interestingly the 'dependency gap' between rural and urban grows as households increase their expenditure, with the dependency ratio of urban areas almost half that of rural areas, for the highest quintile households. Such figures would seem to strongly support the fact that urban households are significantly more advantaged regarding the proportion of potential workers.

If we consider household composition over time, comparing for example 1995 HICE reports (Summary Table 3.4) we find that the age composition of national and rural households has remained relatively static. Interestingly however urban households appear to have undergone a degree of structural demographic change with:

- The proportion of children (aged less than 15 years) in urban households in 1995/6 was 40.1% compared with 36.1% in 2004/5.
- The proportion of working aged adults is higher in 2004/5, with 60.7% compared with 56.4% 10 years ago. This has resulted in a dependency ratio decrease from 77.3% to 64.7% for urban areas, compared with an overall average increase from 99.2% to 102%.
- The proportion of old aged individuals in urban areas has also decreased over the 10 year period (3.5% to 3.2%).

Summary Table 3.4: Percentage Distribution of Population by Broad Age Group, Dependency Ratio and Survey Year

Background Variable	1995/6			1999/0			2004/5		
	All	Urban	Rural	All	Urban	Rural	All	Urban	Rural
Children (0-14 years)	46.4	40.1	47.5	47.0	38.6	48.3	47.2	36.1	49.0
Working Age (15-64)	50.2	56.4	49.2	49.8	58.0	48.5	49.5	60.7	47.7
Old Age (>64 years)	3.4	3.5	3.3	3.2	3.4	3.2	3.3	3.2	3.3
Dependency Ratio	99.2	77.3	103.3	100.8	72.4	106.2	102.0	64.7	109.6

3.1.4 Household Heads and Members – Quintile Disaggregation

From a gender perspective we note from Summary Table 3.5, below that there appears to be significant gender household head differences across the expenditure quintiles.

- For the population in quintile 1 of the population roughly equal proportions are male (Male Headed Households - MHH) and female (Female Headed Households – FHH).
- However the gender differences increase with household expenditure. For example, of the top two quintiles approximately 85.4% of the households are headed by males.

From a rural/urban perspective, the gendered quintile distribution of household heads as equally diverse as that at the country level. For example:

- 25.3% (60.7%) of urban households in the highest (lowest) quintile are female

headed. The differences are even more extreme for rural households with or 11% of the households in the top quintile being FHH's and 47.4% in the bottom quintile.

Summary Table 3.5: Distribution of Households, by Gender of Head, Expenditure Quintile and Place of Residence - 2004/5

		Quintile 1	Quintile 2	Quintile 3	Quintile 4	All
Country	MHH	50.5%	72.1%	79.2%	85.4%	74.5%
	FHH	49.5%	27.9%	20.8%	14.6%	25.5%
Urban	MHH	39.3%	55.0%	63.4%	67.0%	61.4%
	FHH	60.7%	45.0%	36.6%	33.0%	38.6%
Rural	MHH	52.6%	74.6%	81.5%	88.2%	77.0%
	FHH	47.4%	25.4%	18.5%	11.8%	23.0%

Comparing such issues across time, and specifically with the 1995 HICE data:

- On average the proportion of quintile 1 FHH has increased from 43.5% to 45.5% and the proportion of FHH in quintile 5 has remained roughly constant (Figure 3.1).
- In the higher expenditure range (quintile 4) the proportion of FHH's in 2004/5 decreases below the 1995/6 level - i.e. there appears to be smaller proportions of FHH's in the upper expenditure range in 2004/5 than 10 years earlier.

Figure 3.1: Proportion of Female Headed Households (FHH) for 1995 and 2005, Disaggregated By Quintiles

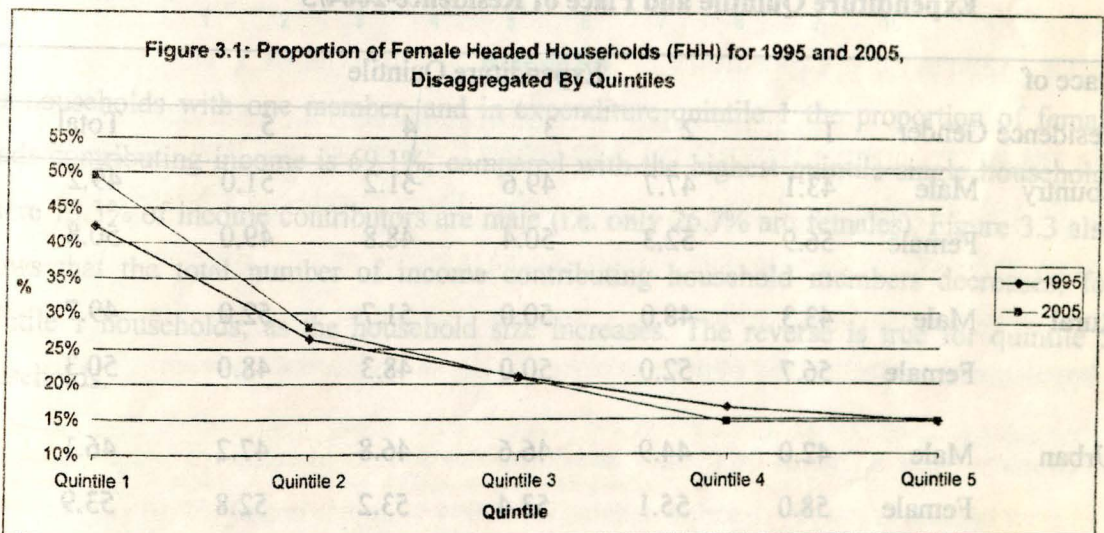
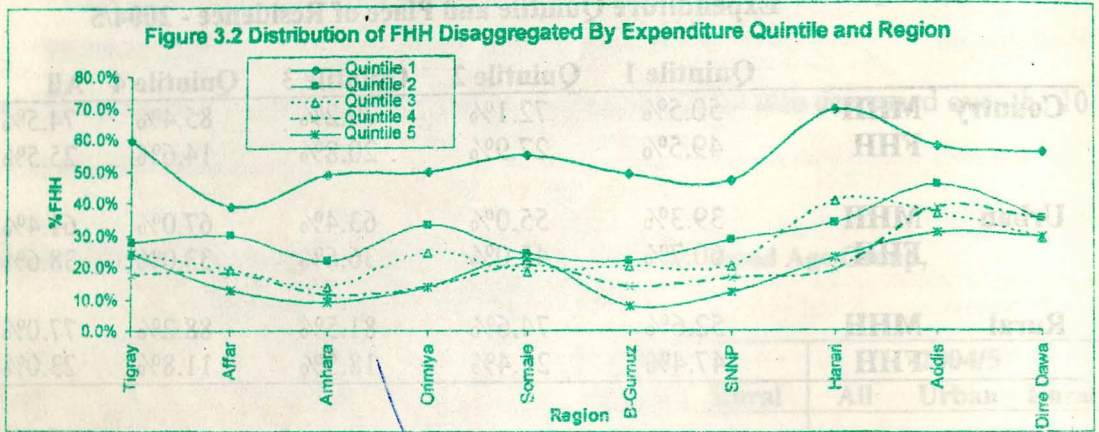


Figure 3.2 shows the distribution of female headed households across all the quintiles and regions. Beyond the lowest quintile, there is a fairly dramatic fall in the proportion of households that are FHH. Hence FHH appear to be particularly biased towards being in the lowest quintile of all regions.



Summary Table 3.6 considers household members and which indicates a relatively unequal distribution of males and females, across the expenditure quintiles. The proportion of male population increases as the household expenditure quintile increased, while the reverse is true for female household members.

Summary Table 3.6: Percentage Distribution of Population by Gender, Expenditure Quintile and Place of Residence-2004/5

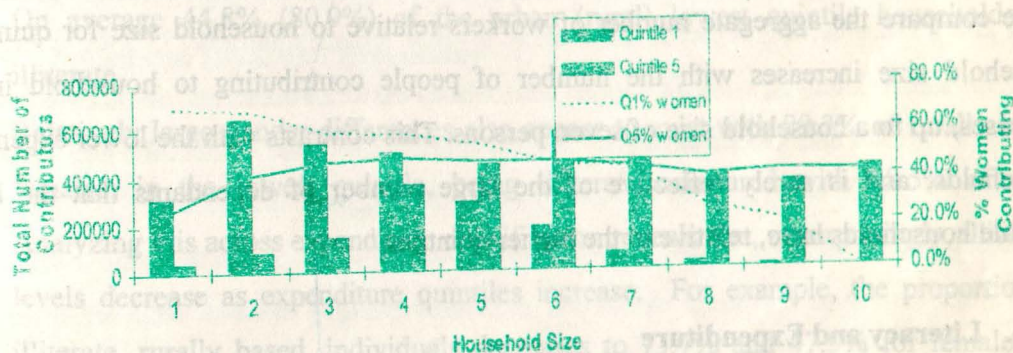
Place of Residence		Expenditure Quintile					Total
Gender		1	2	3	4	5	
Country	Male	43.1	47.7	49.6	51.2	51.0	49.2
	Female	56.9	52.3	50.4	48.8	49.0	50.8
Rural	Male	43.3	48.0	50.0	51.7	52.0	49.7
	Female	56.7	52.0	50.0	48.3	48.0	50.3
Urban	Male	42.0	44.9	46.6	46.8	47.2	46.1
	Female	58.0	55.1	53.4	53.2	52.8	53.9

For example, it is worth noting that of the individuals in the lowest expenditure quintile, about 57% are females and 43.1% are males compared with the highest expenditure quintile where there are 49% females and 51% males.

3.1.5 Income Contributed Household Members

The survey questionnaire also includes additional component intended to indicate those household members (regardless of age/economic activity) who have contributed income (cash or kind) to the household at least once within a duration of 6 months prior to the survey date. Figure 3.3 displays the distribution of income contributor household members, disaggregated by household size, gender and expenditure quintile.

Figure 3.3: Total Number of Income Contributing Household Members Disaggregated by Exp. Quintiles and Gender



For households with one member, and in expenditure quintile 1 the proportion of female heads contributing income is 69.1%, compared with the highest quintile single households where 73.3% of income contributors are male (i.e. only 26.7% are females). Figure 3.3 also shows that the total number of income contributing household members decreases, for quintile 1 households, as the household size increases. The reverse is true for quintile 5 households.

To summarize the results from the aforementioned figure:

- As household size increases the proportion of working women, for quintile 1 households, reduces quite dramatically. Intuitively one may think that stark reduction in the proportion of women contributing income to households might simply be reflective of an increase in domestic and caring duties associated with a growing household size. However, it is interesting to compare the trend in the proportion of total women income contributors of quintile 1 and quintile 5. The proportion of total income contributing women in the highest quintile relative to men, increases dramatically as households increase their size from 1 to 3 individuals, before leveling off.
- This 'leveling off' of female contributors for the highest expenditure quintile may reflect their higher levels of human capital, relative to the lowest quintile females, and therefore a far higher capacity to generate extra income.

If we compare the aggregate number of workers relative to household size for quintile 5, household size increases with the number of people contributing to household income increases, up to a household size of seven persons. This contrasts with the lower expenditure households, and is surely reflective of the large number of dependants that the lowest quintile households have, relative to the higher quintiles.

3.1.6. Literacy and Expenditure

In this survey, a person is considered to be literate if she/he can read with understanding and write a short statement at least in one language. Every member of a household aged five years and over was asked to state whether she/he is literate or not. However, literacy rate is computed in compliance with the UN recommendations as the proportion of the literate population from the domain of individuals aged 10 years and above.

Summary Table 3.7 focus on literacy rate (illiterate) household members and as highlighted in prior household survey descriptive data (WM 2004) - approximately 37.6% of the country

are literate. Using the HICE data to analyze this further significant rural/urban/quintile differences in literacy rates appear to be present.

Summary Table 3.7: Percentage Distribution of Illiterate Household Members by Expenditure Quintile, Gender and Place of Residence - 2004/5

Place of Residence	Gender	Expenditure Quintals					All
		1	2	3	4	5	
National	All	75.0	70.6	65.0	61.2	50.1	62.4
	Male	61.5	59.9	54.0	50.1	39.5	50.6
	Female	84.0	79.6	75.5	72.9	61.3	73.3
Rural	All	80.9	76.0	70.6	66.8	60.1	69.4
	Male	68.5	65.3	59.3	54.7	47.9	57.2
	Female	89.3	85.3	81.6	80.0	73.7	81.3
Urban	All	44.8	33.7	27.4	23.6	18.5	26.3
	Male	26.6	21.4	15.6	14.1	8.9	14.7
	Female	56.7	43.4	37.2	31.8	26.8	35.8

- On average 44.8% (80.9%) of the urban (rural) lowest quintile households are illiterate.
- Relatively large gender differences also appear to exist with 89.3% of rurally based females, in the lowest quintile, being illiterate compared with 68.5% of men. Analyzing this across expenditure classification reveals that, unsurprisingly, illiteracy levels decrease as expenditure quintiles increase. For example, the proportion of illiterate, rurally based, individuals decreases to 73.7% and 47.9% for female and males, respectively, as expenditure increase to the highest quintile.

Considering the proportion change in illiteracy status across quintiles (Figure 3.4) and disaggregating by gender we can see that:

- Notably, moving from the 4th to the 5th quintile provides some distinct reductions of illiteracy status - particularly in rural areas. For males and females illiteracy rates fall by 12.4% and 7.9%, respectively, when comparing the 4th and 5th quintile.

- Across most quintiles the reduction in female illiteracy is less than that for males (a notable exception to this is for the move from quintile 1-2 and urban based males and females)

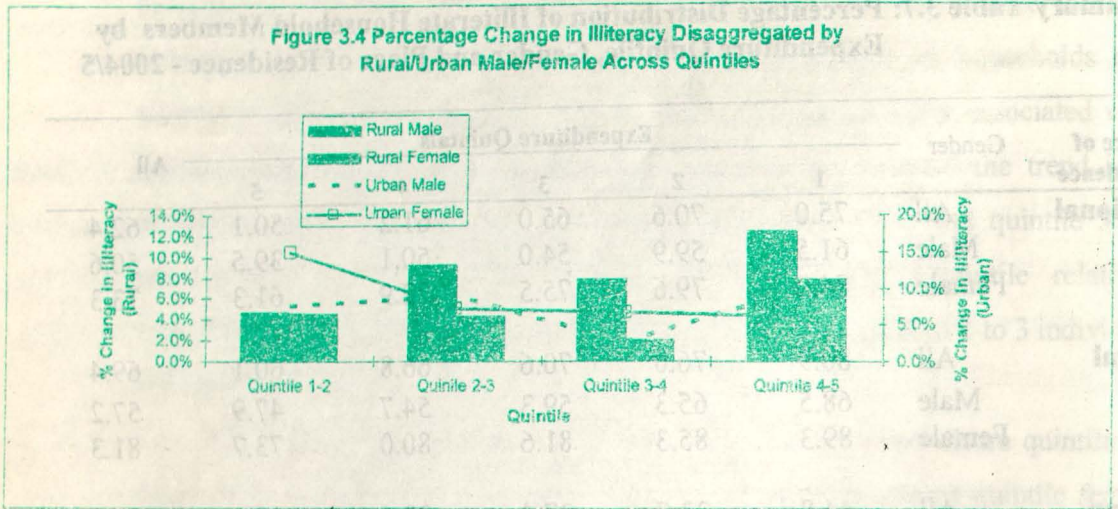
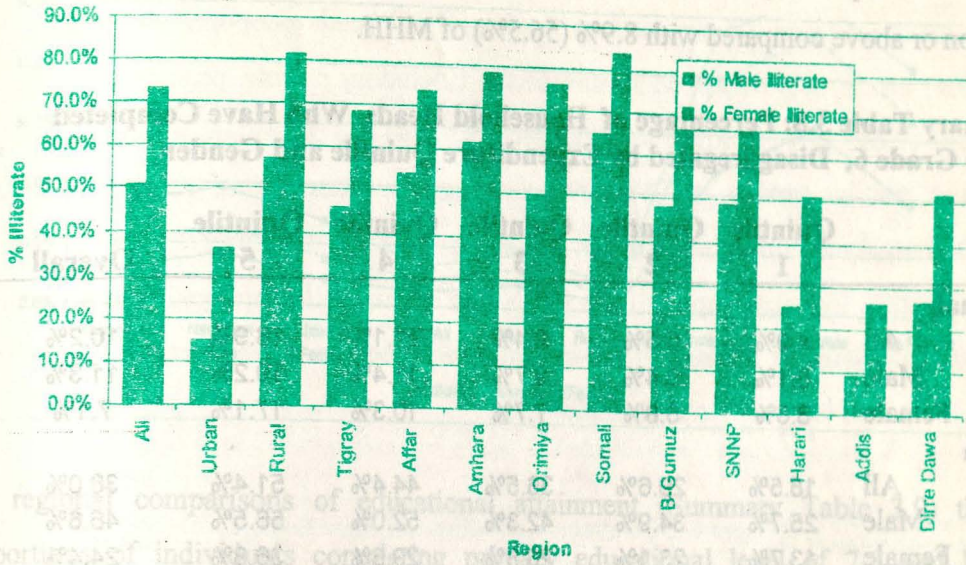


Figure 3.5 highlights some of the interesting regional differences of illiteracy, across both quintiles and gender. Across regions, the average level of female illiteracy (73.3%) is higher than that for males (50.6%), with the largest inequalities between males and females being in Benishangul-Gumuz and Oromiya, where 28.3% and 26.5% more males are literate than females.

Figure 3.5: Illiteracy Levels Disaggregated By Region and Gender



3.1.6 Educational Level and Expenditure

Summary Tables 3.8, 3.9 and Figure 3.6 consider the educational level of household head and individual member and disaggregated by expenditure quintiles and gender. Considering household heads, Summary Table 3.8, indicates that only 10.2% of all household heads have completed the final levels of primary education (i.e., above grade 6). In the lowest (highest) quintile only 4.9% (18.9%) have completed above grade 6.

Major educational attainment differences exist across rural and urban areas:

- 4.9% (38%) of the rural (urban) based population heads having completed the upper levels of primary (grade 7-8) education, or above.
- On average 5.8% (46.6%) of MHH rural (urban) based households have completed upper levels of primary education (grade 7-8) and secondary, compared with 24.4% and 1.7%.

Summary Table 3.8 indicates that in all cases smaller proportions of FHH, relative to males. Perhaps surprisingly this is particularly acute in the higher quintile rural (urban) households where for example only 1.8% (36.8%) of FHH have completed upper levels of primary education or above compared with 8.9% (56.5%) of MHH.

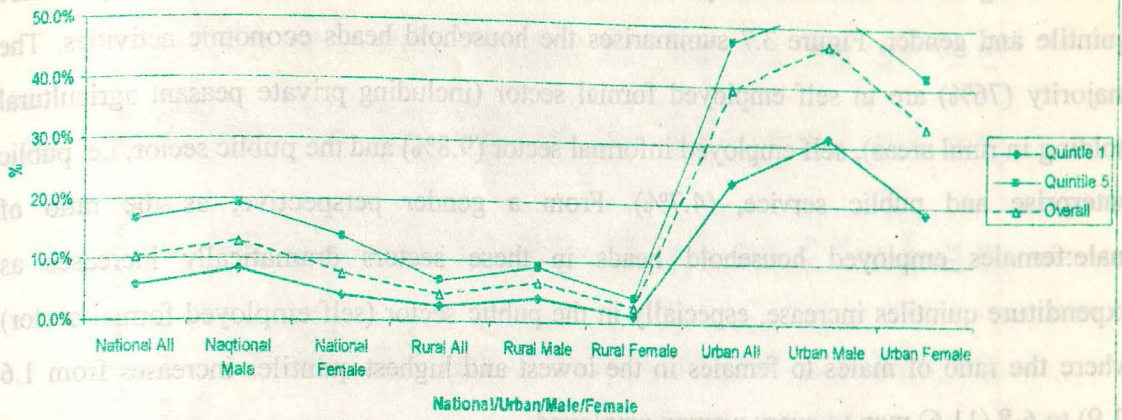
Summary Table 3.8: Percentage of Household Heads Who Have Completed Above Grade 6, Disaggregated by Expenditure Quintile and Gender

	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5	Overall
National						
All	4.9%	6.5%	9.4%	11.1%	18.9%	10.2%
Male	6.1%	6.4%	9.7%	11.4%	19.2%	11.3%
Female	3.6%	6.8%	7.7%	10.3%	17.1%	7.1%
Urban						
All	18.5%	29.6%	36.5%	44.4%	51.4%	38.0%
Male	25.7%	34.9%	42.3%	52.0%	56.5%	46.6%
Female	13.7%	23.1%	26.8%	29.6%	36.8%	24.4%
Rural						
All	2.3%	3.0%	5.3%	6.1%	8.1%	4.9%
Male	3.4%	3.5%	6.1%	6.6%	8.9%	5.8%
Female	1.1%	1.6%	2.2%	2.5%	1.8%	1.7%

When we consider educational attainment beyond secondary, interestingly the inequality gap between the highest and lowest quintile household heads seems to grow further than what appeared with primary education. For example, and as already noted, the average proportion of lowest quintile heads not completing primary education is 5.2% compared with 20.2% of the highest quintile.

If we consider educational attainment across all household members (Figure 3.6) are the rural/urban/quintile differences for individual members who have reached the upper levels of primary education or beyond (i.e. secondary education, university). As would be expected the proportion of individuals in the highest quintile who have completed these educational levels is higher than that of the lower quintiles, as is the case for more men than women.

Figure 3.6: Percentage of Individual Household Members Who Have Completed Upper Levels of Primary Education, or Beyond



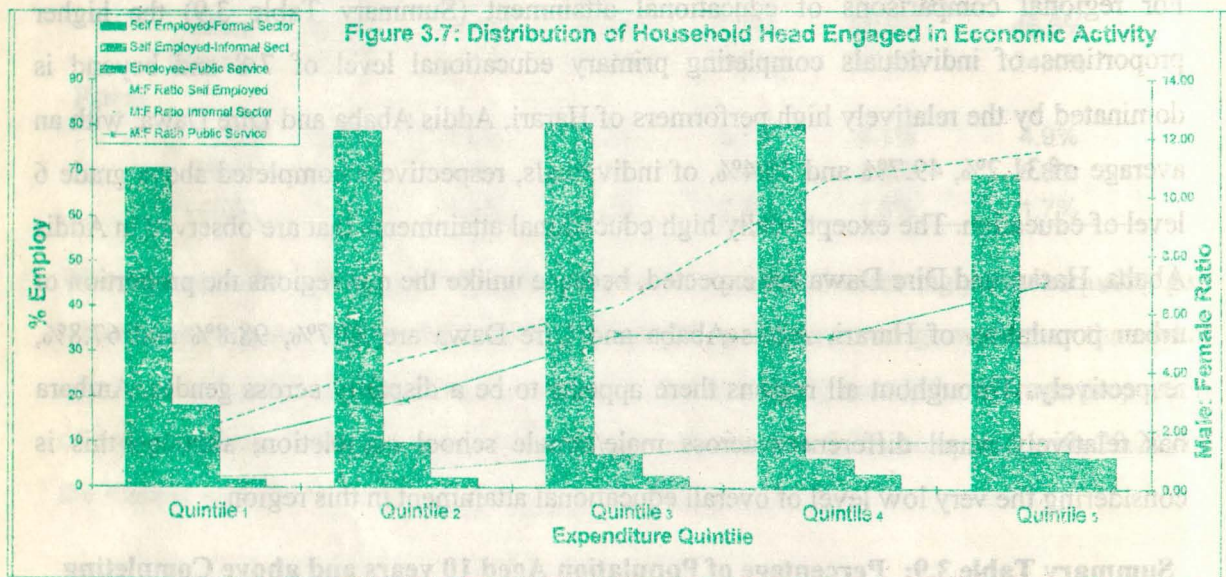
For regional comparisons of educational attainment (Summary Table 3.9) the higher proportions of individuals completing primary educational level of 7-8 and beyond is dominated by the relatively high performers of Harari, Addis Ababa and Dire Dawa, with an average of 31.2%, 49.7% and 30.4%, of individuals, respectively completed above grade 6 level of education. The exceptionally high educational attainments that are observed in Addis Ababa, Harari and Dire Dawa are expected, because unlike the rest regions the proportion of urban population of Harari, Addis Ababa and Dire Dawa are 53.7%, 98.8% and 67.8%, respectively. Throughout all regions there appears to be a disparity across gender. Amhara has relatively small differences across male/female school completion, although this is considering the very low level of overall educational attainment in this region.

Summary Table 3.9: Percentage of Population Aged 10 years and above Completing Above Grade 6, Disaggregated By Region and Gender

	All	Tig.	Afar	Amb.	Oro.	Som.	B-Gumuz	SNNP	Har.	Addis Ababa	Dire Dawa
All	10.3	11.0	12.0	5.6	8.9	8.5	9.8	8.7	31.2	49.7	30.4
Men	13.0	13.0	16.2	6.4	12.0	12.0	14.3	12.7	35.5	57.1	38.8
Women	7.8	9.1	7.9	4.9	5.9	5.0	5.0	5.0	27.3	43.5	22.6

3.1.8 Economic Activities

Considering the economic activity of household members, disaggregating by expenditure quintile and gender, Figure 3.7 summarises the household heads economic activities. The majority (76%) are in self employed formal sector (including private peasant agricultural holding in rural areas), self employed informal sector (9.8%) and the public sector, i.e. public enterprise and public service, (4.7%). From a gender perspective, as the ratio of male:females employed household heads in these sectors dramatically increases as expenditure quintiles increase, especially in the public sector (self employed formal sector) where the ratio of males to females in the lowest and highest quintiles increases from 1.6 (1.9) to 6.8 (11.6) men to every women employed.



From a rural/urban and regional perspective:

- Self employed in formal sector work in rural areas (85%), of course including rural agriculture, is far higher than in urban areas (19.5%).
- Self employed informal sector work in urban areas (36.9%) is far higher than in rural areas (5.4%).

Summary Table 3.10 Percentage of Household Heads' and all Members Engaged in Economic Activities by Employment Status and Region - 2004/5

Employment status		All	Rural	Urban	Tigray	Afar	Amhara	Oromiya	Somali	Bensh-Gumuz	SNNP	Harari	Addis Ababa	Dire Dawa
Employer	Head	4.9	5.3	2.3	1.8	1.9	7.1	4.9	1.7	6.8	3.5	3.2	2.2	2.2
	All	2.2	2.3	1.5	1.4	1.3	2.9	2.1	1.0	2.8	1.8	1.9	1.3	1.3
Self employed in Formal Sector	Head	76.0	85.0	19.5	71.6	41.0	77.1	77.6	68.2	78.6	82.4	40.7	17.8	35.1
	All	36.0	38.6	15.0	34.6	25.2	33.6	36.8	38.2	35.1	41.8	25.7	14.1	23.3
Self Employed in Informal Sector	Head	9.8	5.4	36.9	15.6	18.4	9.0	8.8	16.5	5.6	8.0	23.5	25.9	25.6
	All	8.8	5.7	32.8	10.0	15.4	5.7	8.0	15.6	3.7	11.0	31.0	21.6	24.1
Employee in Private Formal	Head	1.9	0.8	8.9	1.8	11.6	1.6	1.6	2.0	1.3	0.6	6.8	15.9	10.9
	All	2.8	2.0	10.0	1.8	10.5	3.4	2.6	1.3	1.6	0.8	5.9	18.0	9.4
Employee in Private Informal	Head	0.9	0.4	3.6	1.2	3.9	0.5	1.0	1.3	0.8	0.4	3.6	4.3	2.1
	All	1.0	0.6	4.4	1.4	3.2	0.4	1.1	1.0	0.5	0.9	2.9	5.0	2.5
Employee in public Enterprise	Head	1.4	0.7	5.9	2.1	12.1	1.0	0.9	2.5	1.3	1.1	3.0	9.8	6.6
	All	1.0	0.5	4.7	2.4	8.1	0.7	0.5	1.6	0.5	0.7	3.3	7.3	5.7
Employee in Public Service	Head	3.3	0.9	18.4	3.9	8.6	2.2	3.0	4.5	5.0	2.8	15.7	16.9	12.7
	All	1.9	0.4	14.1	2.4	5.1	1.2	1.5	2.9	2.7	1.6	13.6	13.3	9.0
Employee in NGO's	Head	0.5	0.3	1.8	0.5	1.1	0.4	0.6	1.0	0.2	0.4	2.5	2.7	1.9
	All	0.	0.2	1.4	0.5	0.6	0.3	0.3	0.5	0.1	0.2	1.5	1.8	1.5
Employee for Households	Head	0.2	-	1.2	0.5	0.2	0.1	0.1	0.5	0.1	0.1	0.4	1.8	1.0
	All	1.0	0.3	6.3	0.8	2.6	0.9	0.6	1.0	1.5	0.4	2.5	11.3	4.7
Unpaid Family Worker	Head	0.8	0.9	0.4	0.4	0.9	0.6	1.2	0.7	0.2	0.6	0.4	0.3	0.4
	All	44.5	48.9	8.3	44.1	27.2	50.3	45.8	35.0	51.1	40.7	11.0	3.6	17.1
Others & Not Stated	Head	0.4	0.2	1.2	0.7	0.4	0.4	0.2	1.1	0.1	0.2	0.4	2.2	1.4
	All	0.5	0.5	1.5	0.7	0.8	0.6	0.9	1.9	0.3	0.2	0.8	2.7	1.0

- Similarly, public sector (public enterprise and service) work accounts for 24.3% of household head urban employment activities compared with 1.6% of rural employment.
- The majority (above 70%) of household heads in Tigray, Amhara, Oromiya, Ben-shangul Gumuze and SNNP Regions are self employed in the formal sector (i.e., including rural agriculture), while the proportion of household heads that are self employed in an informal sector economic activity is below 16%.
- On the other hand, relatively higher proportion of household heads i.e., above 23% (18%) self employed in informal sector (employed in public sector), are observed in Harari, Addis Ababa and Dire Dawa regions.

Considering household members engaged in economic activities similar trends to the above exist, with employment activity largely dominated by self employed formal and informal sector work (36% and 8.6% of all the economic activities) and, in contrast to the household heads, unpaid family work (44.5%).

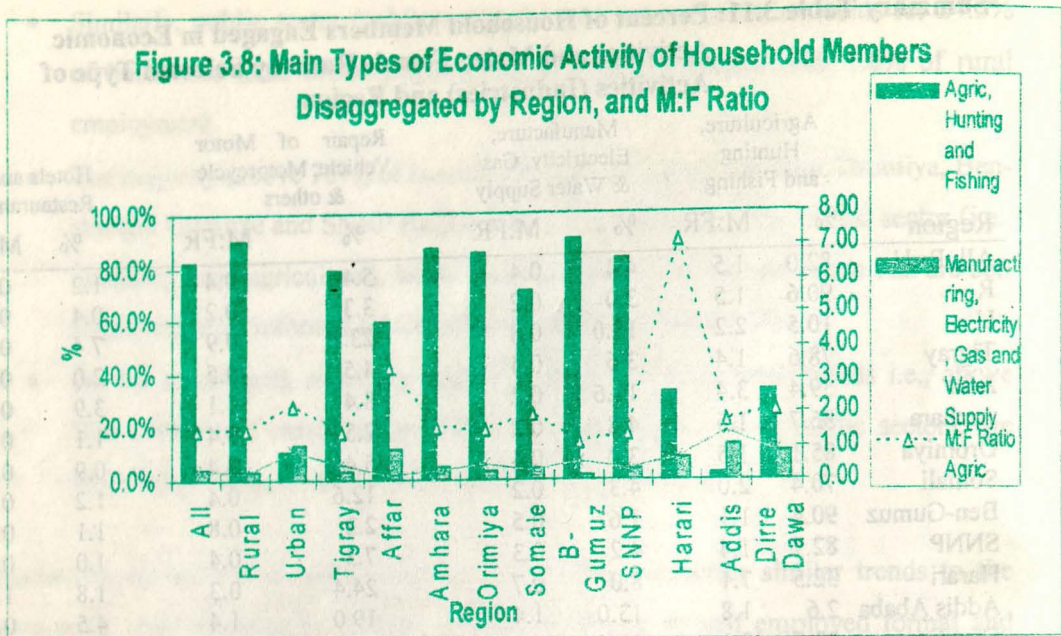
Finally, the major types of economic activities (industry) are focused upon in Summary Table 3.11 for individual household members, including head of households.

- As would be expected the majority (82%) of the population that are economically active are involved in agriculture, hunting and fishing.
- Relatively few differences in this proportion, across quintiles, although interesting gender differences. For example, of the 82% that are involved in agriculture the proportion of men and women in the lowest quintile are roughly equal, but only the ratio of men to women involved in this type of activity, as the highest expenditure quintile is reached increases to approximately two third men to one third women.
- Rurally based activities follow a similar trend, whilst only 10.5% of urban individuals are active in this sector.

Summary Table 3.11: Percent of Household Members Engaged in Economic Activities and Male: Female Ratio by Selected Type of Activities (Industries) and Region.

Region	Agriculture, Hunting and Fishing		Manufacture, Electricity, Gas & Water Supply		Repair of Motor Vehicle, Motorcycle & others		Hotels and Restaurants	
	%	M:FR	%	M:FR	%	M:FR	%	M:FR
All R=U	82.0	1.5	4.4	0.4	5.4	0.4	1.2	0.2
R	90.6	1.5	3.0	0.2	3.3	0.2	0.4	0.1
U	10.5	2.2	13.0	0.8	23.1	0.9	7.4	0.3
Tigray	78.6	1.4	3.6	0.4	4.5	0.5	2.0	0.1
Afar	59.4	3.4	11.6	0.2	8.4	1.1	3.9	0.2
Amhara	86.7	1.5	4.8	0.2	2.5	0.4	1.1	0.1
Oromiya	85.1	1.5	3.0	0.4	5.4	0.4	0.9	0.3
Somali	70.4	2.0	4.3	0.2	12.6	0.4	1.2	0.2
Ben-Gumuz	90.4	1.1	1.6	0.5	2.2	0.8	1.1	0.4
SNNP	82.7	1.4	4.2	0.3	7.3	0.4	1.0	0.2
Harari	32.5	7.1	8.0	0.7	24.4	0.3	1.8	1.6
Addis Ababa	2.6	1.8	13.0	1.4	19.0	1.4	4.5	0.7
Dire Dawa	33.6	2.1	10.6	0.9	20.8	0.5	3.7	0.3

We have also summarized the descriptive data regarding the two main types of economic activities (industry) in Figure 3.8, and have also adopted a gender based analysis to see what proportion of men and women are employed in certain types of industry, across regions. Of the four sectors highlighted in summary table 3.11, these comprise on average almost 93% of individuals economic activity. Areas such as Addis Ababa 19% (13%) predominate in repair of vehicles and the like (and the manufacturing sector), compared with areas such as Benishangul-Gumuz where more than 90% of individuals economic activities are in agriculture, hunting or fishing. Many of these trends are hardly surprising and are much in line with the rural/urban disparities.



Perhaps of greater interest is the male:female activity ratio in the main sectors. The overall average proportion of male to females in agriculture is 1.47 male for every female employed, but varies significantly across some regions. In Addis Ababa generally, the ratio of men to women employed in most of the sectors are above the urban average of the country. In contrast regions such as Amahara have below average number of male to female workers for manufacturing etc, and hotels and restaurant industry.

Summary Table 3.12: Employment Status and Male. Female Ratio of Workers, Disaggregated by Quintiles 1995 96HICE

		Q1	Q2	Q3	Q4	Q5
Employer	Total	1.2%	1.5%	2.0%	2.7%	3.0%
	M:F Ratio	3.86	4.91	8.42	5.84	9.07
Employee	Total	16.0%	9.7%	7.8%	7.1%	7.9%
	M:F Ratio	1.63	2.10	2.50	4.37	7.33
Self Employed	Total	47.2%	42.3%	37.3%	33.0%	34.2%
	M:F Ratio	1.57	3.44	5.86	7.38	6.52
Family Worker	Total	32.5%	43.5%	50.0%	54.3%	52.4%
	M:F Ratio	0.62	0.76	0.96	1.04	1.40

Although the categories of employment are not comparable for 1995 figures in Summary Table 3.12 indicate that the proportion of employee decreases as the expenditure quintiles increase but the ratio of male to female increased by a factor of 6.

3.2 EXPENDITURE CHARACTERISTICS

3.2.1 Introduction

In this section we provide a detailed breakdown of the expenditure characteristics associated with households in addition to also analysing calorie per capita patterns across households. At the end of the chapter we also complement, and extend, the aforementioned descriptive statistics with relatively brief econometric analysis that considers some of the determinants associated with expenditure level differences. This allows us to establish with some degree of confidence the statistical associations of the socio-economic variables associated with per capita expenditure as at 2005.

3.2.2 Overview of Expenditure Per Capita

Firstly we will consider expenditure per capita levels, Summary Table 3.13 shows that the average per capita total expenditure is 1697.35, with average expenditure per capita levels for those in quintile 5 being 117% greater than those in the lowest expenditure quintile (1). As can be seen in Figure 3.9, there is a particularly notable increase in expenditure between quintile 4 and 5, with expenditure per capita increasing by more than 1000 Birr. Such expenditure levels show an increase from previous survey years (Table 3.13) - the annual average of all payments per person at county level was 1319.08 Birr and 1,411.8 Birr in 1995 and 2000, respectively. Nominal, proportional increases over the period 1995-2000 and 2000-2005 are 7% and 20.2%, respectively.

Summary Table 3.13: Total Expenditure Per Capita Disaggregated by Place of Residence and Survey Year- Country Level

Place of Residence	% Change			% change	
	1995	2000	1995Vs2000	2005	2000Vs2005
All	1319.08	1411.80	7.0	1697.35	20.2
Rural	1210.30	1244.00	2.8	1557.45	25.2
Urban	1918.83	2400.71	25.1	2533.25	5.5

If we focus on the disaggregation of this expenditure by item grouping this allows trends associated with expenditure patterns across all income quintiles to be identified. Food and non-alcoholic expenditure tends to account for approximately 40% of the increase in overall expenditure between the lowest and highest quintile, with the lowest on average spending 665.92 Birr per annum, on such items, compared with the highest quintile who spend an average of 1060.56 Birr (also see Figure 3.9).

Summary Table 3.14: Expenditure per capita Disaggregated by Major Expenditure Group and Quintile-Country Level

	Quintiles					All
	1	2	3	4	5	
Food and Non Alcoholic Expenditure	665.92	735.65	806.12	888.82	1060.56	863.86
Alcohol and Tobacco	20.3	17.09	15.26	20.01	20.91	18.83
Clothing and Footwear	55.85	74.33	94.65	110.8	234.43	127.26
Housing Water Fuel Energy	309.32	280.8	274.22	272.73	427.94	320.51
Furnishing Household Equipment and Maintenance	26.8	35.67	43.97	58.19	151.54	72.32
Goods and Services for Routine Household Maintenance	9.42	11.18	13.55	17.07	60.25	25.87
Health Medical Treatment	5.73	8.26	8.52	10.97	22.7	12.48
Education	5.94	7.99	10.71	13.22	25.99	14.3
Other (inc. transport, communication miscellaneous)	70.42	97.41	132.49	195.39	540.90	241.92
Total Expenditure per capita	1169.7	1268.38	1399.49	1587.2	2545.22	1697.35

'Other' expenditure, which includes transport communication and miscellaneous items, account for much of the differential associated across the highest and lowest quintiles level. We provide a further investigation of some of these within item group variations below, however to summarize the general expenditure patterns further, on average:

- The largest component of expenditure is food and non-alcoholic expenditure with an average of 863.56 Birr per capita.
- Housing, water and fuel account for the 2nd largest component of expenditure with an average of 320.51 Birr per person per annum. On average this increases by 38% from the lowest to the highest quintile.
- Clothing and footwear is the 3rd largest expenditure per capita item with an average of 127.26 Birr of expenditure per person per annum. Expenditure in

the lowest expenditure quintile is on average spend 55.85 Birr per annum, compared with the highest expenditure quintile average of 234.43 Birr.

- Of the other major item category groups perhaps unsurprisingly expenditure on household furnishings, equipment and maintenance increases with overall expenditure. However, this more than triples between the fourth and fifth highest quintiles (increasing from 58.19 to 151.54 Birr). As would also be expected items such as household maintenance also increases with overall expenditure, as do all other categories. Overall such increases in expenditure per capita seem to be particularly pronounced between the 4th and 5th quintiles.

Figure 3.9: Food and Non-Alcoholic Expenditure Relative to Expenditure Per Capita Disaggregated By Quintiles

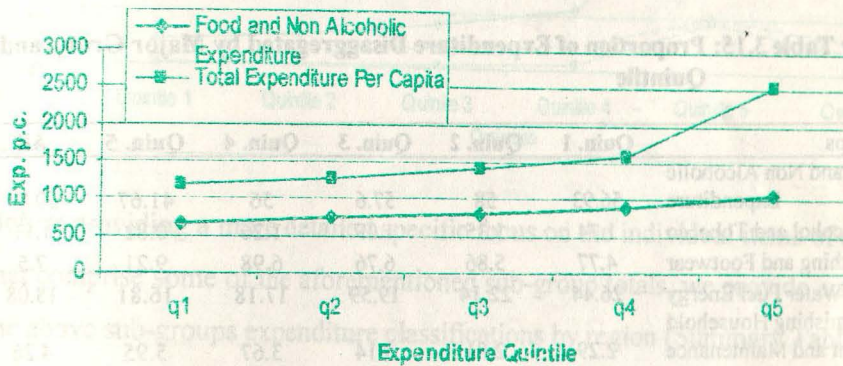


Table 3.15 provides a further focus on the disaggregated items groups by quintile, this time providing a summary of the percentage contributions to the overall expenditure of individuals, comprised from the aforementioned main categories. Of particular note:

- In line with prior expectations food and non alcoholic expenditure comprises a far higher percentage of quintile 1 individuals expenditure (56.93%) compared with individuals in quintile 5 (41.67%). Housing, and utility costs such as water and fuel also provide a significant burden on the lowest quintile individuals. Collectively food/non alcoholic and housing/water/fuel costs comprises 83.37% of the budgets for individual in quintile 1 compared with 58.48% of the budget for those in quintile 5.

- Given such large proportions of expenditure for those in the lowest quintile is on food/housing/fuel equally unsurprisingly highest quintile individuals devote significantly larger proportions of their budgets towards 'luxury' items such as household maintenance, furnishings, clothing and footwear etc. For example, although the average Ethiopian devotes 7.5% (decreasing from 9.5% in 1995, and 7.9% in 2000) of their overall expenditure to clothing and footwear, those in the highest quintile dedicate almost twice the proportion (9.21) than those in the lowest quintile (4.77%). The same is true of furnishings (5.95% and 2.29%, for the aforementioned respective quintiles) and household maintenance (2.37% and 0.81% for the aforementioned respective quintiles).

Summary Table 3.15: Proportion of Expenditure Disaggregated by Major Group and Quintile

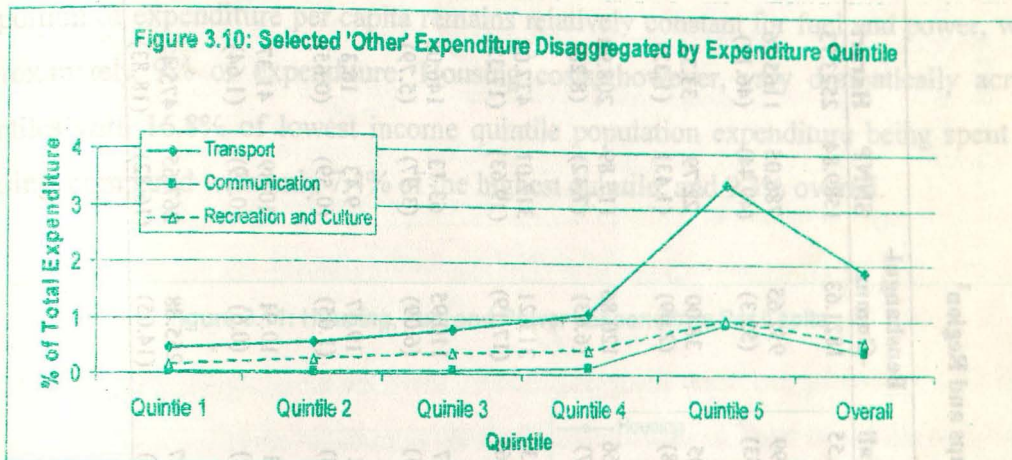
Exp. Groups	Quin. 1	Quin. 2	Quin. 3	Quin. 4	Quin. 5	All
Food and Non Alcoholic Expenditure	56.93	58	57.6	56	41.67	50.89
Alcohol and Tobacco	1.74	1.35	1.09	1.26	0.82	1.11
Clothing and Footwear	4.77	5.86	6.76	6.98	9.21	7.5
Housing Water Fuel Energy	26.44	22.14	19.59	17.18	16.81	18.08
Furnishing Household Equipment and Maintenance	2.29	2.81	3.14	3.67	5.95	4.26
Goods and Services for Routine Household Maintenance	0.81	0.88	0.97	1.08	2.37	1.52
Health & Medical Treatment	0.49	0.65	0.61	0.69	0.89	0.73
Education	0.51	0.63	0.77	0.83	1.02	0.84
Other (inc. transport, communication miscellaneous)	6.02	7.68	9.47	12.31	21.26	15.07

The 'other' categories mentioned in the final row appear to comprise significant differences across quintiles, with 21.26% of the highest quintals spending on this category compared with only 6.02 % of the budgets for those individuals in quintile 1. This category comprises items such as transport and communication and are plotted in Figure 3.9.

As would be expected the proportion of transport, communication, and recreation expenditure all increase with the increases of expenditure quintiles, but this is particularly pronounced between the two highest quintiles, and especially for

transport. For both communication, recreation and culture the increase in the expenditure budget share form quintile 4 to quintile 5 is 0.12% to 0.9% and 0.43% to 0.98%, respectively. For transport the proportionate budget share of expenditure increases by a multiple of slightly more than 2 between quintile 1 and quintile 4 (0.45% to 1.11%) before tripling between the upper two quintiles (1.11% to 3.44%).

Figure 3.10: Selected 'Other' Expenditure Disaggregated by Expenditure Quintile



Before providing a more detailed specific focus on the individual items of expenditure that comprise some of the aforementioned sub-group totals, we provide a summary of the above sub-groups expenditure classifications by region (Summary Table 3.16).

Perhaps unsurprisingly the highest expenditure per capita is in Addis Ababa, with approximately 46% of the expenditure per capita being on food and non alcoholic expenditure. Across all individuals in all regions, those living in Somali and Oromiya spend the highest proportions of their total expenditure on food and non alcoholic expenditure (54.2% and 56.5%, respectively). In both Addis Ababa and Dire Dawa housing, water, and fuel energy costs comprise more than one quarter of an average individuals expenditure, for example 616 Birr being the average expenditure in Addis Ababa compared with 258 Birr for those living in Amhara. Of the other items expenditure on health and medical treatment comprises less than 1% of expenditure in almost all regions, but expenditure on education shows greater variance across regions, varying from 0.35% of individuals budgets in Afar to 3.12% in Addis Ababa.

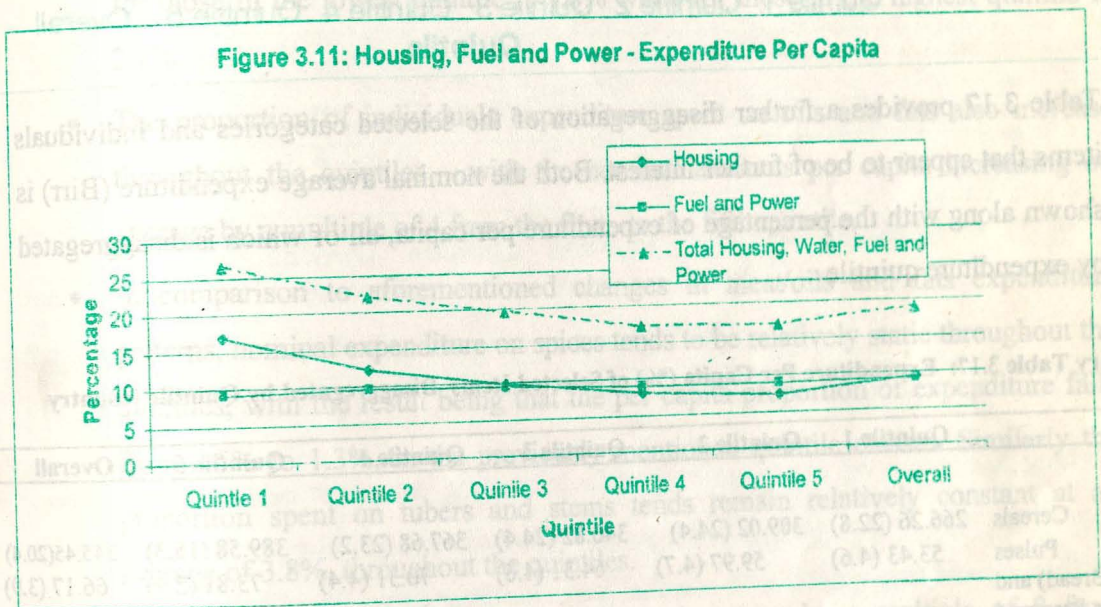
Summary Table 3.16: Expenditure per capita (Proportions) Disaggregated By Major Groups and Region²

Major Groups							Benshangul-		Addis Ababa	Dire Dawa
	Tigray	Afar	Amhara	Oromiya	Somali	-Gumuz	SNNP	Harari		
Total Expenditure per capita	1770.99	1923.19	1547.73	1736.01	1650.55	1821.63	1589.84	2523.73	2573.3	2282.84
Food and Non Alcoholic Expenditure	817.12 (46.14)	965.75 (50.22)	800.9 (51.75)	941.66 (54.24)	932.99 (56.53)	952.65 (52.3)	786.05 (49.44)	1165.26 (46.17)	873.3 (33.96)	995.34 (43.6)
Alcohol and Tobacco	21.68 (1.22)	12.68 (0.66)	20.52 (1.33)	15.26 (0.88)	21.05 (1.28)	38.00 (2.09)	22.79 (1.43)	33.32 (1.32)	10.01 (0.39)	24.07 (1.05)
Clothing and Footwear	184.19 (10.4)	195.5 (10.17)	97.68 (6.31)	136.72 (7.88)	154.66 (9.37)	120.86 (6.63)	117.89 (7.42)	208.98 (8.28)	160.35 (6.23)	158.39 (6.94)
Housing Water Fuel Energy Furnishing Household Equipment and Maintenance, Goods and Services for Routine Household Maintenance	319.39 (18.03)	335.12 (17.43)	258.94 (16.73)	333.71 (19.22)	316.3 (19.16)	313.21 (17.19)	312.01 (19.63)	437.03 (17.32)	616.00 (23.94)	516.82 (22.64)
Health and Medical Treatment	12.85 (0.73)	16.52 (0.86)	5.42 (0.35)	9.94 (0.57)	9.52 (0.58)	19.17 (1.05)	9.43 (0.59)	16.3 (0.65)	19.65 (0.76)	20.3 (0.89)
Education	11.00 (0.62)	6.67 (0.35)	9.25 (0.6)	13.26 (0.76)	10.21 (0.62)	10.91 (0.6)	10.89 (0.69)	41.37 (1.64)	80.34 (3.12)	53.68 (2.35)
Other (inc. transport, communication miscellaneous)	333.59 (18.84)	267.33 (13.9)	315.7 (20.39)	199.07 (11.47)	114.27 (6.92)	255.88 (14.05)	267.65 (16.82)	475.42 (18.83)	647.16 (25.15)	372.84 (16.33)

² Rounding explains differences in summing.

3.2.3 Expenditure Per Capita – Specific Item Focus

Considering some of the individual items groups, for example, housing fuel and power, we can learn more regarding the expenditure patterns of the population if we disaggregate to the specific items that comprise these item groups. If we look at Figure 3.11, the proportion of expenditure per capita remains relatively constant for fuel and power, with approximately 9% of expenditure. Housing costs, however, vary dramatically across quintiles with 16.8% of lowest income quintile population expenditure being spent on housing, compared with only 7.4% of the highest quintile, and 9.3% overall.



The proportion of rent that comprises total expenditure decreases by more than one third from approximately 16.6% in the lowest quintile to 5.2% in the highest quintile.

Disaggregating expenditure categories further - for the food and non alcoholic beverages cereals comprise a major proportion of this expenditure (20.4% overall, 22.8% for the lowest quintile and 15.3% for the highest quintile). Other major components of food expenditure include pulses (3.9%), food out of home (3.0%) and Injera (1.6%), all proportions of which decline as quintiles increase.

**Figure 3.12: Selected Expenditure Groupings
Disaggregated by Quintile**

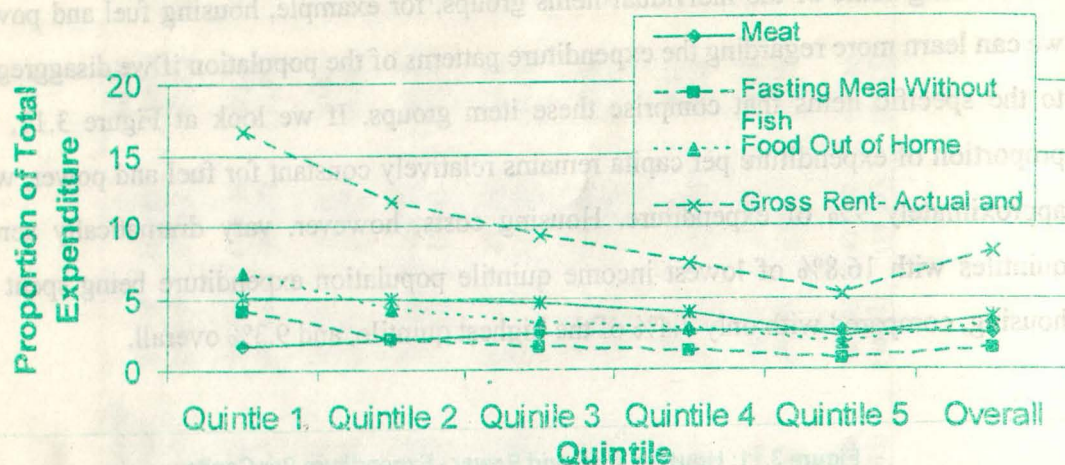


Table 3.17 provides a further disaggregation of the selected categories and individual items that appear to be of further interest. Both the nominal average expenditure (Birr) is shown along with the percentage of expenditure per capita, all of which is disaggregated by expenditure quintile

Summary Table 3.17: Expenditure Per Capita (%) of Selected Items Disaggregated by Quintile -country

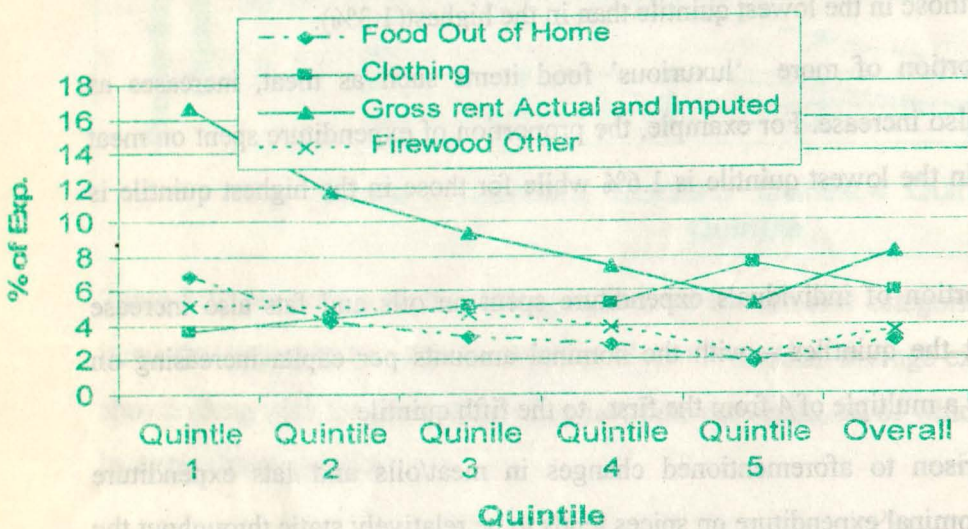
	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5	Overall
Cereals	266.26 (22.8)	309.02 (24.4)	340.82 (24.4)	367.68 (23.2)	389.58 (15.3)	345.45(20.4)
Pulses	53.43 (4.6)	59.97 (4.7)	64.31 (4.6)	70.31 (4.4)	73.81 (2.9)	66.17 (3.9)
Injera (Bread) and other Prepared						
Food	28.54 (2.4)	25.05 (2.0)	23.59 (1.7)	24.39 (1.5)	31.8 (1.3)	26.9 (1.6)
Meat	19.35 (1.6)	27.69 (2.2)	34.81 (2.5)	43.0 (2.7)	69.49 (2.7)	42.78 (2.5)
Oils and Fats	15.02 (1.3)	21.93 (1.7)	26.91 (1.9)	34.79 (2.2)	58.13 (2.3)	34.7 (2.0)
Fruits	2.63 (0.2)	3.79 (0.3)	3.76 (0.3)	3.39 (0.2)	4.43 (0.2)	3.72 (0.2)
Spices	29.51 (2.5)	28.12 (2.2)	29.0 (2.1)	30.15 (1.9)	33.2 (1.3)	30.3 (1.8)
Tubers and Stems	40.51 (3.5)	50.7 (4.0)	60.93 (4.4)	72.09 (4.5)	79.2 (3.1)	64.09 (3.8)
Coffee Beans	24.33 (2.1)	25.18 (2.0)	28.81 (2.1)	29.15 (1.8)	30.63 (1.2)	28.2 (1.7)
Chaat (Qat)	5.51 (0.5)	13.08 (1.0)	19.36 (1.4)	26.49 (1.7)	41.42 (1.6)	24.07 (1.4)
Food Out of Home	79.88 (6.8)	53.46 (4.2)	45.87 (3.3)	44.75 (2.8)	47.55 (1.9)	51.66 (3.0)
Clothing	43.32 (3.7)	56.82 (4.5)	71.77 (5.1)	82.85 (5.2)	191.02 (7.5)	99.95 (5.9)
Gross rent Actual and Imputed	193.71 (16.6)	148.19 (11.7)	129.68 (9.3)	116.87 (7.4)	131.08 (5.2)	138.4 (8.2)
Firewood Other	59.34 (5.1)	63.47 (5.0)	65.8 (4.7)	61.9 (3.9)	58.6 (2.3)	61.84 (3.6)

f particular note:

- Cereals comprise a significant proportion of expenditure for those in the lowest quintile, almost 23%, compared with 15% of the highest quintile, and an overall average of 20.4%.
- Perhaps unsurprisingly Injera comprises larger proportion of total expenditure (2.4%) of those in the lowest quintile than in the highest(1.3%).
- The proportion of more 'luxurious' food items such as meat, increases as quintiles also increase. For example, the proportion of expenditure spent on meat for those in the lowest quintile is 1.6% while for those in the highest quintile is 2.7%
- The proportion of individuals expenditure spent on oils and fats also increase throughout the quintiles – with the nominal amounts per capita increasing on average by a multiple of 4 from the first to the fifth quintile.
- In comparison to aforementioned changes in meat/oils and fats expenditure patterns, nominal expenditure on spices tends to be relatively static throughout the quintiles, with the result being that the per capita proportion of expenditure falls from 2.5% to 1.3%, in the previously mentioned quintile classes. Similarly the proportion spent on tubers and stems tends remain relatively constant at an average of 3.8%, throughout the quintiles.
- Average expenditure per capita on Chaat increases by a multiple of 8 from quintile 1 to quintile 5 – a change that reflects a growth in average budget share terms from 0.5% to 1.6%, across the quintiles.
- Average expenditure per capita on 'Food out of home', provides interesting insights regarding expenditure patterns of the poor and the rich, in relative terms. Figures in Table 3.16 indicate that the average consumption per capita on food out of home decreases from 6.83% in quintile 1 to 1.87% in quintile 5.

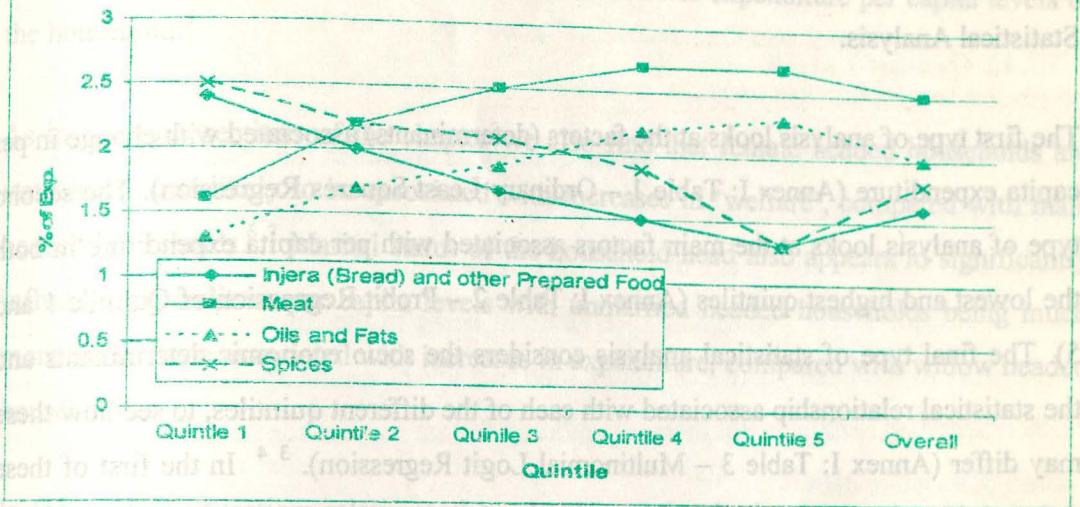
Figure 3.13 provides a further focus on selected expenditure groups. House rental costs appear to impose considerably on the expenditure budgets of individuals in the lowest quintile, with this comprising 16.6% of the budget compared with the just over 5% for those in the highest quintile. Significant changes in the percentage appear to be between the first and second quintile that reflects, in expenditure share terms, a fall of 4.9%.

Figure 3.13: Selected Items - % of Expenditure Per Capita



Clothing and firewood expenditure provide interesting examples of how expenditure proportions appear to change relatively dramatically between individuals in the fourth and fifth expenditure quintiles. In nominal terms clothing expenditure more than doubles between these quintiles.

Figure 3.14: Selected Food Items - % Expenditure Per Capita Disaggregated by Quintile



If we look further at selected items, and in particular Injera (bread and other prepared food), Figure 3.14, indicates there to be a fairly consistent decline in expenditure across the quintiles. In contrast Spices comprise an average of 2.2% of total expenditure for each of individuals across the first 4 quintiles, compared with 1.3% for those in the highest quintile.

3.2.4 Expenditure Per Capita – Further Statistical Analysis

To complement the aforementioned descriptive work, we undertake further statistical work by using econometric regression analysis, of various forms, to further establish some of the main socio-economic characteristics associated with expenditure. This allows us to establish with a further degree of confidence whether, for example, certain variables such as increases age, education etc. are statistically associated with certain levels of expenditure/living conditions. In addition, this analysis also allows us to draw, at least some, tentative quantitative conclusions regarding the extent to which certain characteristics might impact on the probabilities of a household being in, for example, a certain expenditure quintiles.

In particular, we separate this section into three types of statistical analysis, providing a non technical summary of the findings in the main body of this chapter and complement this with the technical statistical tables (econometric results) in the Annex I: Extended Statistical Analysis.

The first type of analysis looks at the factors (determinants) associated with change in per capita expenditure (Annex I: Table 1 – Ordinary Least Squares Regression). The second type of analysis looks at the main factors associated with per capita expenditure in both the lowest and highest quintiles (Annex I: Table 2 – Probit Regression of Quintile 1 and 5). The final type of statistical analysis considers the socio economic determinants and the statistical relationship associated with each of the different quintiles, to see how these may differ (Annex I: Table 3 – Multinomial Logit Regression).^{3 4} In the first of these three sections that follow we commence with a relatively general commentary.

3.2.4.1 Change in Expenditure Per Capita

In the first example of extending the statistical analysis beyond the simple descriptive statistics in Table 1 (Annex I) that many of the results (determinants of expenditure per capita) corroborate the trends already highlighted in the descriptive sections. In this first set of results we are ultimately looking at the typical socio-economic explanatory variables associated with changes in levels of expenditure per capita.

As expected it appears that an increase in the age of the household head, up to retirement age, is associated with significant increases in expenditure per capita levels, at the

³ A degree of caution should be adopted in the interpretation of these results. Expenditure has not been adjusted for regional price variations or per adult equivalent units. These regressions are in no way expected to replace the formal poverty based calculations, but are undertaken as a complement to the descriptive analysis. We accept that there will be a degree of error once regional price variations are taken into consideration for such analysis.

⁴ A multinomial logit regression analysis is adopted for the third type of analysis and the results are relative to the lowest quintile. We accept that the multinomial logit approach suffers from the need to make the strong 'independence of irrelevant alternatives' drawback⁴, but other options such as the multinomial probit have their own problems, such as the dimensionality of the response probabilities and being computationally extremely resource intensive.

household level. This is logical given that when the household head becomes economically inactive through, for example, retirement the household will experience diminishing/lower economic returns and therefore lower expenditure per capita levels of the household.⁵

As in previous sections of the chapter we also find that female headed households are statistically less likely to be associated with increases in 'welfare', compared with male headed households.^{6 7} Marital status of the household head also appears to significantly influence expenditure per capita levels with unmarried headed households being much more likely to be associated with increases in expenditure, compared with widow headed households.

In the case of education, relative to households with heads that have missed education, increased 'welfare' returns as the educational level increase (see next section for probabilities associated with this). The effect of completing secondary education or higher education (certificate, college or university education) is particularly strong.⁸ Types of economic activity also strongly influences expenditure per capita. If the head of the household works in agriculture or mining they are statistically less likely, relative to 'other' types of occupation (footnote re other) to have increased levels of expenditure per capita. Perhaps unsurprisingly the strongest, positive household expenditure effects arise if the household head is in either the financial or real estate sector.⁹ There also appear to be varied regional effects on expenditure per capita

⁵ See both age and agesquared coefficients for further detail.

⁶ Significant at the 1% level.

⁷ 'Welfare' in this context is loosely termed given that expenditure (a common reflector of welfare/poverty status) has not been deflated regionally.

⁸ We have considered this variable at the household head level and created dummy variables for completing - some primary education, all primary education, some secondary education, completing secondary education, and university education. For example, if an individual has completed primary education then the dummy variable will reflect this by taking the value of 1, instead of 0.

⁹ Statistically significant at the 1% level.

In the next two sections we now extend the statistical analysis to include assessments of probabilities, providing a number of examples that enable us to draw more substantive conclusions with regard to the main factors of influence on expenditure levels.

3.2.4.2 Quintile 1 and 5

This second part of the extended statistical analysis considers the main factors associated with household being either in the lowest or the highest quintile. In this case we purposely compare just these to quintiles of expenditure per capita to see how certain factors impact on the probability of household being in the lowest or highest 'welfare' state. As can see from Table 2 of Annex I the two sets of results appear to re-enforce each other in certain results, in addition to providing further support for the previously outlined main descriptive data.

Considering the gender of household head, and as tentatively suggested in the previous chapter, it appears that individuals that female headed households are statistically less likely to be in the highest quintile. In this case it would appear that are 1.8% less likely than male headed households to be in the highest quintile.¹⁰ However, perhaps more starkly, female headed households are 4.4% more likely to be in the lowest expenditure quintile than male headed households.

As already indicated in the descriptive parts of this chapter, unmarried and married households heads are less likely¹¹ to be in the lowest quintile, relatively to widowed households, with unmarried headed households being 4% greater probability of being in quintile 5 of expenditure, compared with widowed headed households. Such results are intuitively sensible, given the income earning potential, traditionally higher proportion of workers to children etc., and in line with much of the previous evidence produced for sub-Saharan Africa.

¹⁰ In Table 2 & 3 of Annex 3 the marginal effects represent probabilities.

¹¹ Statistically significant at the 1% level.

Findings from sections 3.1.6 and 3.1.7 also indicated that education, and literacy status, appeared to be strongly associated with expenditure per capita, with for example 82.1% of households in the lowest quintile being headed by individuals with no education, compared with 55.9% for the highest quintile. Results in Table 2, of Annex I strongly corroborate the importance of education. The effects of secondary school and university education, on expenditure per capita, appear to be particularly strong. For example, comparing these results to households headed by individuals who have no education, if an individual has a university (secondary) education this increases the probability of that households being in the highest expenditure quintile by up to 14.7% (8.5%). As would be expected the reverse is true for households in the lowest quintile, with for example households headed by individuals with some primary education having, on average, a 6% lower probability of being in the lowest expenditure quintile compared with households headed by individuals with no education.

As would also be expected the type of occupation undertaken by the head also impacts on the level of expenditure per capita. As in the previous sections working in agriculture/mining activities appear to be associated with not being in the highest quintile – in this case if the household head is employed in this type of activity it is associated with a 4% lower probability of being in the highest expenditure quintile. From an occupational perspective the biggest expenditure effects, unsurprisingly, appear to come from being employed in the financial or real estate sector. Compared with households who are headed by individuals who are employed in private households then households headed by individuals in the financial or real estate sector have a 3.4% increased probability of being in highest expenditure quintile. As with the prior set of results, we can also see significant regional effects on expenditure.¹²

¹² As with all of the statistical results, once again we should re-iterate the need for extreme caution in interpreting many of the statistical results. These are in no way meant to replace/be comparable with any of the poverty calculations/results/analysis that will be forthcoming.

3.2.4.3 All Quintiles

The final extended statistical analysis discussion is based on Table 3, Annex I, which shows statistical probabilities associated with socio-economic variables and the relationship with each of the 5 quintiles. This analysis differs from the previous subsection in that here we are able to show the probabilities of being in a certain expenditure quintile, compared with the base of being in the lowest quintile. Once again, we aim to provide a relatively non-technical summary of the findings with examples elucidating.

As in the previous sub section we find further support for the findings that female headed households, and larger households, tend to be more likely to be in the lowest quintiles. For example, female headed households are on average, and compared with the lowest quintile, 4.9% less likely to be in the highest quintile and 5.6% less likely to be in the 4th highest quintile.

The analysis provided in Table 3 of Annex I appears to be particularly informative regarding marital status, with distinct differences appearing between the two highest quintiles. As in the previous sub section, and considering the above explanation, compared with living in households that are headed by widowed individuals, households headed by unmarried individuals are 6.8% more likely to be in the highest quintile. Interestingly however the effects of unmarried households is reversed for those in the 3rd and 4th quintile – potentially suggesting some interesting dynamics across these expenditure groupings, that needs further investigation.

As in both the descriptive results from the previous sections and aforementioned statistical analysis from this sub section we can once again see the increasingly positive effects as educational attainment increases – for example, households that are headed by individuals that have completed primary education are 8.3% (11.4%) more likely to be in quintile 4 (5) than in the lowest quintile. Similar trends for types of economic activity and region exist in these results, as they do in the previous sub section, with for example

households headed by individuals undertaking agricultural/mining activities almost 10% less likely to be in the highest quintile of the population. In addition, being employed in the hotel sector appears also increase the probability of being in the highest quintile of the population.

3.3 SOURCES OF HOUSEHOLD EXPENDITURE

3.3.1 Introduction

In the survey an attempt has been made to assess the sources of household expenditure. Households were asked to provide detailed information on their source of expenditure that enabled them to spend on each and every commodity/ service that has been consumed/ delivered during the reference period of the survey. This approach has been applied with the intention of arriving, indirectly, at a reasonable households' income sources.

Sources of income might depend on the types of economic activity, employment opportunity, natural resource, economic policy, and overall development level of the country. According to the survey findings, about 15 types of household expenditure/ income sources have been identified. However, this section provides a descriptive analysis on the contribution of selected income/expenditure sources to overall household expenditure disaggregating by area of residence and household expenditure quintiles.

3.3.2. Expenditure/Income Source Characteristics

The five main sources of household expenditure is highlighted in summary table 3.18. As would be expected the sources of household expenditure/income is predominated by agriculture (52.4%). This sector comprise on average almost 90% of households' expenditure. The second major source is non-agricultural household economic enterprise, which has 14% contribution to the total households' expenditure followed by wages and salaries which account for 10.4%.

From Quintile Perspective:

Relatively some differences has been observed in sources of expenditure across quintiles, such as:

- About 40% of household expenditure of these households in quintile 1 was generated from household agricultural enterprise and the proportions of its contribution increases with quintile increases up to the 4th quintile (61.6%), and then tend to decrease to 48.2% in the highest quintile.
- Non-agricultural household economic enterprise contribution comprises a far higher (almost double) proportion of quintile 5 households' expenditure (about 20%) compared to the proportions in the rest of the quintiles (quintile 1 to quintile 4).
- The proportions of household income generated from household remittances and house rent, systematically decrease with expenditure quintile increases. For example, the proportion of household expenditures generated from household remittance (house rent) for those households in the lowest quintile is 15% (10.7%), while for those households in the highest quintile is 4.9%(3.4%).

Summary Table 3.18: Proportion of Household Expenditure by Main Sources of Expenditure and Place of Residence Disaggregated by Quintile

Source of expenditure			Expenditure Quintile					Total
			1	2	3	4	5	
HH Agricultural Enterprise	R + U		39.6	52.1	57.2	61.6	48.2	52.4
	R		46.2	58.8	64.5	70.3	70.2	65.3
	U		4.1	6.3	7.1	5.9	3.7	4.6
HH Non-Agri. Enterprise	R + U		11.3	10.7	10.4	9.5	19.7	14.0
	R		7.9	7.5	7.4	6.2	10.4	8.2
	U		30.0	32.6	31.2	30.8	38.5	35.7
Wages and Salaries	R + U		8.4	7.4	7.3	7.5	14.6	10.4
	R		4.8	3.9	3.6	2.6	2.9	3.3
	U		28.4	30.9	36.3	39.0	38.3	37.0
House Rent (inc. Own Dwelling)	R + U		10.7	7.8	6.4	5.2	3.4	5.5
	R		11.6	8.2	6.6	5.2	3.2	5.8
	U		5.5	4.6	5.2	5.2	3.7	4.2
Remittance transfer from Households	R + U		15.0	9.4	7.3	6.4	4.9	7.1
	R		14.2	8.7	6.8	5.9	4.3	6.7
	U		19.1	14.0	10.7	10.2	6.3	8.7

From a Rural/Urban Perspective:

- The contribution of income generated from household agricultural enterprise in rural areas accounted for (65.3%) which is far higher than in the urban areas (4.6%).
- The contribution of household income generated from household non-agricultural economic enterprise (wages and salaries) to total household expenditure in urban areas (35.7%/37.0%) are far higher than in rural areas (8.2%/3.3%).
- The contribution of household remittance transferred to total household expenditure in urban areas (8.7%) is higher than in rural areas (6.7%).

Summary Table 3.19: Percentage Distribution of Household Expenditure by Main

Sources of Income/Expenditure Disaggregated by Rural/Urban of Regions.

Region	HH Agri. Enterprise		HH Non-Agri. Enterprise		Wages and Salaries		Remittance From HHs	
	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
Tigray	58.0	4.5	9.5	38.9	7.4	33.2	6.8	7.1
Afar	51.1	5.0	4.8	37.7	18.7	42.0	4.0	6.9
Amhara	68.7	4.8	4.7	40.6	2.5	31.7	8.2	9.1
Oromiya	66.7	6.3	8.4	46.1	3.0	29.9	5.6	7.6
Somali	57.6	5.0	12.3	34.8	3.2	35.8	4.1	11.0
Ben-Gumaz	58.8	16.5	8.9	24.3	4.3	44.3	6.6	6.3
SNNP	61.5	8.9	11.4	42.1	3.4	32.7	7.3	7.5
Harari	63.7	1.2	16.3	28.0	4.0	48.9	3.9	12.6
Addis Ababa	59.4	0.5	8.3	18.3	17.5	50.1	3.1	10.4
Dire Dawa	37.5	1.2	17.8	36.2	6.9	37.4	5.3	10.3
Country	65.3	4.6	8.2	35.7	3.3	37.0	6.7	8.7

From Regional Rural/Urban Perspective:

It has been also summarized the descriptive data regarding the four main sources of household expenditures which has been used for financing household expenditure in Summary Table 3.19, across regions. Generally, the pattern of income sources of regions

that are rurally based households and those residing in urban area households are more or less similar to the rural/urban households' income source profile at country level.

Of Particular notes:

- The source of household income generated from household agricultural enterprise in rural areas of Amhara contributes for 68.7% and that of (66.7%) to the total household expenditure in rural areas of respective regions which are above the rural average at country level.
- Perhaps surprisingly, household income generated from agricultural enterprise in urban areas of Benshangul-Gumuz comprises a large proportion of total expenditure (16.5%) compared to other regions.
- Relatively, higher proportion (above 11%) of household expenditure has been from non-agricultural household economic enterprise activities in rural areas of some regions. For example, the proportion of income generated from non-agricultural enterprise which was used to finance household expenditure by those rural households of Dire Dawa is 17.8%, while for those rural households of Afar is 4.8%.
- The proportions of income contributed from wages and salaries in rural areas of Afar (18.7%) and Addis Ababa (17.5%) are exceptionally high compared to similar areas of other regions.
- The highest proportion of income generated from wages and salaries has been observed in urban areas of Addis Ababa (50%) followed by urban areas of Harari (49%).
- The survey result provide interesting characteristics of transferred income, i.e., income that has been generated from household remittance. Because, the contribution of transferred income from households on financing household expenditure in urban areas of almost all regions is much higher than in the rural counterpart.
- Relatively, some differences have been observed in the proportion of household remittance transfers across urban areas of the regions. The highest proportion is

observed in Harari (12.6%) followed by Somali (11.0%), Addis Ababa, 10.4% and Dire Dawa (10.3%).

Calorie per capita

In the penultimate section of this chapter we now focus on the calorie per capita discussion before summarizing the main expenditure findings. It is important to present the findings on the food and the drink calories intake of the population covered in the survey.

At the country level the total calorie (gross) intake per individual per day is 2353 as obtained from the survey result. It can be seen from the Summary Table 3.20 that out of this daily calorie intake cereals have the major contribution, that is, 61.8% (52% and 63.2% for Urban and Rural, respectively). This is followed by potatoes; others tubers and stems 13.9% pulses 6.9%, oils and fats account for 2.3% of the total daily calorie intake of an individual while "Injera" (bread) and others, vegetables and fruits; other food items; coffee, tea leaves and hopes. take a share of 1.9%, 1.7%, 1.3%, and 1.3%, respectively. Perhaps the most interesting urban/rural differences occur for oils and fats which accounts for 8.1% (1.5%) and potatoes, other tubers and stems which accounts for 4.0% (15.3%) of urban (rural) calorie intake.

Of the other items, the shares of daily calorie intake, at the national level, of milk, cheese and egg; spices; oil and fats; meat; non-alcoholic beverages; and food taken away from home are 1.0%, 1.1%, 2.3%, and 2%, respectively.

Summary Table 3.20: Daily Calorie (Gross) Intake Per capita by Food Group and place of Residence-Country Level

Food Group	Country Level		Urban Level		Rural Level	
	Calorie	%	Calorie	%	Calorie	%
Cereals	1453.8	61.8	1514.0	63.2	1078.0	52.0
Pulses	162.7	6.9	167.7	7.0	127.7	6.2
Oil Seeds	7.7	0.3	8.3	0.3	4.1	0.2
Pasta Products	4.8	0.2	1.5	0.1	24.7	1.2
Injera (Bread & Others)	43.6	1.9	19.0	0.8	191.8	9.3
Meat	19.0	0.8	13.7	0.6	50.9	2.5
Fish	0.2	0.0	0.2	0.0	0.1	0.0
Milk, Cheese and Eggs	24.4	1.0	26.1	1.1	14.2	0.7
Oils and Fats	54.5	2.3	33.6	1.5	168.7	8.1
Vegetables and Fruits	40.0	1.7	39.0	1.6	46.2	2.2
Spices	26.1	1.1	23.7	1.0	40.2	1.9
Potatoes, Tubers and Stems	326.7	13.9	366.9	15.3	82.0	4.0
Coffee, Tea & Hopes	29.8	1.3	31.6	1.3	18.7	0.9
Other Food Items	31.6	1.3	24.6	1.0	73.3	3.5
Food out-home	47.4	2.0	42.3	1.8	78.0	3.8
Non Alcoholic Beverages	47.8	2.3	47.5	2.0	49.5	2.4
Alcoholic Beverages	34.1	1.5	35.5	1.5	25.0	1.2

Concerning regional daily gross calorie intake; that is the calorie intake per person per day for SNNP and Oromiya is above the average calorie intake at country level. The calorie intake per person per day for the rural areas in 2004/05 (1999/00) of the regions ranges from about 1861 (1617) in Afar to 2728 (2,440) in SNNP, while in the urban areas, the daily calorie intake per person stood below 1,900 in Afar and Dire Dawa Regions.

Summary Table 3.21 Calorie Intake per day, Disaggregated By Region and Year

Region	Gross Calorie						Net Calorie		
	2000/00			2005/05			2005/05		
	All	Rural	Urban	All	Rural	Urban	All	Rural	Urban
Tigray	2045	2124	1646	2093	2116	1987	2057	2084	1933
Afar	1743	1617	2337	1873	1861	1890	1826	1211	1848
Amhara	2155	2197	1801	2058	2067	1966	2007	2018	1907
Oromia	2257	2344	1588	2440	2470	2173	2324	2349	2100
Somalia	1960	2402	1869	2205	2196	2225	2170	2161	2189
Benshangul-Gumuz	2245	2273	1911	2099	2113	1993	2044	2059	1932
SNNP	2360	2440	1821	2728	2770	2272	2386	2411	2114
Harari	1967	2304	1730	2247	2586	1955	2198	2543	1901
Addis Ababa	1829	2177	1824	1989	2369	1984	1926	2336	1921
Dire Dawa	1876	2198	1761	1990	2255	1861	1956	2238	1818
Total	2211	2292	1738	2353	2397	2073	2216	2250	1998

CHAPTER 4

SUMMARY OF FINDINGS

The broad objectives of the report was to outline and add significantly to the analysis that is usually undertaken in relation to the HICE reports. With this objective, and that of providing policy useful analysis the report comprises two main analytical sections, the broad findings of which are highlighted below:

Socio-Economic Characteristics:

- The national average household size has decreased from 5 to 4.88 to 4.82, respectively for years 1995/2000/2005.
- The age composition of national and rural households has remained relatively static since 1995, however it would appear that urban households have undergone a degree of demographic structural change. For example the proportion of working aged adults has increased from 54.4% to 59%, compared with 54.4% 10 years ago. This has resulted in a dependency ratio decrease from 83.8% to 69.5% for urban areas, compared with an overall average of 107.5%
- Although roughly equal proportions of the lowest quintile households are Male Headed Households (MHH) and Female Headed Households (FHH) significant gender differences increase with household expenditure. Additionally, the proportion of FHH in the lowest quintile has increased over the 10 year period since 1995 from 43.5% to 49.5%.
- Approximately one third (37.6%) of the country to be literate.
- Illiteracy levels decrease as expenditure quintiles increase. For example, the proportion of illiterate, rurally based, individuals decreases to 73.7% and 60.1% moving from the 4th to the 5th quintile provides the most distinct jump in reduction of illiteracy status for both rural and urban, males and females.

- Regionally, comparisons of educational attainment the higher proportions of individuals completing primary educational level of 7-8 and beyond is dominated by the relatively high performers of Harari, Addis and Dire Dawa, with an average of 31.2%, 49.7% and 30.4%, of individuals, respectively completed up to this level of education.

Expenditure:

Looking at expenditure characteristics more specifically, and in particular the type of expenditure and what factors are associated with different levels of per capita expenditure. Of the main findings from the simple descriptive data:

- The average expenditure per capita at country level is 1697.35, however this varies considerably across the five quintiles, and 10 regions, and there is a particularly notable increase in expenditure between quintile 4 and 5, with expenditure per capita increasing by more than 1000 Birr.
- The largest expenditure grouping is food and
- A part from food, housing, water and fuel account for the 2nd largest component of expenditure with 18.1% and clothing and footwear is the 3rd largest component share of expenditure with share.
- Analysing individual specific items provides further understanding of expenditure patterns. For example, fuel and power comprises a significant proportion (approximately 9%) of total expenditure, remaining relatively constant across quintiles. However when we look at housing costs, these vary dramatically across quintiles with 16.8% of lowest income quintile population expenditure being spent on housing, compared with only 7.4% of the highest quintile, and 9.3% overall.

Further statistical analysis significantly added value to our understanding of expenditure per capita by allowing us to establish with probability how specific socio-economic characteristics are statistically related to certain levels of expenditure per capita. Of the main findings:

- Female headed households (FHH) are on average, and compared with the lowest quintile. In the 2nd part of the statistical analysis for example we found that FHH were 4.9% less likely to be in the highest quintile and 5.6% less likely to be in the 4th highest quintile.
- Increasingly positive expenditure/'welfare' effects appeared in the statistical analysis - as educational attainment increases - for example, households that are headed by individuals that have completed primary education are 8.3% (11.4%) more likely to be in quintile 4 (5) than in the lowest quintile
- Of the other findings, we also found that the type of activity, age, and region are all important influencers of expenditure per capita

Sources of Household Expenditure:

Although is types of household expenditure/income sources has been identified in the survey; household agricultural enterprise, household non-agricultural enterprise, wages and salaries, remittance trasfere from households and house rent were the main expenditure/income sources which have been contributed for 89.4% to the total household expenditure at country total. Of the main findings from the simple descriptive data:

- Household agricultural enterprise accounted for 5.2%, followed by household non-agricultural economic enterprise activities (14%) and wages and salaries (10.4%).
- As would be expected the main sources of household expenditure/income types in rural and urban areas significantly differ. Hence, the main sources of household expenditure/income in rural area was agricultural enterprice which has been contributed for 65.3%, while the main sources of household expenditure/income

in urban areas were wages and salaries as well as household non-agricultural economic enterprise activities which accounted for 37% and 35.7% respectively.

- The contribution of household remittance transferred to total household expenditure in urban areas (8.7%) is higher than in rural areas (6.7%) Similar situations has been observed in almost of the regions.
- The highest expenditure/income contributed to total household expenditure by agricultural enterprise in rural area of the regions was observed in Amhara accounted for about 69% followed by rural areas of Oromiya which accounted for about 67% of total household expenditure.

Calorie:

- Total calorie (gross) intake per individual per day is 2353 as obtained from the survey result.
- For the daily calorie intake, cereals have the major contribution - 61.8% (52% and 63.2% for Urban and Rural, respectively).
- Calorie intake per person per day for SNNP and Oromiya is above the average calorie intake at country level.
- The calorie intake per person per day for the rural areas in 2005 of the regions ranges from about 1861 in Afar to 2770 in SNNP, while in the urban areas, the daily calorie intake per person stood below 1,900 in Afar and Dire Dawa Region

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ANNEX I: Extended Statistical Analysis

Table 1: OLS Regression - Expenditure per capita - Coefficients

Variable	Coefficient	T-ratio
Constant	2649.7932	(8.696)***
Age of head	43.1580	(4.725)***
Female Head	-447.6041	(-6.433)***
Age of head, squared	-0.3819	(-3.987)***
Heads Marital Status		
Unmarried	1737.0648	(14.916)***
Married	23.2347	(0.259)
Cohabiting	187.8302	(1.835)*
Divorced	138.8674	(0.925)
Heads Education		
Some Primary	363.1859	(6.522)***
Primary	804.2609	(7.434)***
Some Secondary	807.9279	(7.309)***
Secondary	1405.4592	(15.453)***
University	2504.2721	(22.773)***
Heads Activity Type		
Agriculture/Mining	-360.1890	(-1.986)**
Manufacturing/Construction	-253.9481	(-1.346)
Trade	-299.0029	(-1.49)
Motor Vehicle	449.8956	(2.435)**
Hotel	452.0940	(2.162)**
Transport	-27.0240	(-0.126)
Financial/Real Estate	973.6109	(4.027)***
Public Administration	-116.7345	(-0.597)
Education, Health and Social Works	-432.7531	(-2.152)**
Other Community and Social Activities	-353.3365	(-1.819)*
Region		
Amhara	-261.1308	(-2.062)**
Orimiya	18.0609	(0.144)
Tigray	243.6140	(1.76)*
Affar	240.6771	(1.604)
Somali	65.1774	(0.442)
B-Gumuz	427.4974	(2.933)***
SNNP	-105.1245	(-0.817)
Harari	574.3634	(3.465)***
Addis	33.5542	(0.255)

Defaults: Missed education, Widowed, Private households and other organisations activity, Dire Dawa
 * Significant at 10% level, ** Significant at 5% level, *** Significant at 1% level

Table 2: Probit Regression Determinants of Household Expenditure p.c. Quintile, Disaggregated by Quintile 1 and 5 - Marginal Effects

Variable	Quintile 1		Quintile 5	
	Marginal Effects	T-ratio	Marginal Effects	T-ratio
Constant	-0.5841	(-18.245)***	-0.0288	(-2.298)**
Age of head	0.0003	(0.23)	0.0007	(1.449)
Female Head	0.0444	(3.913)***	-0.0178	(-4.074)***
Age of head, squared	0.0000	(-1.037)	0.0000	(-1.166)
Heads Marital Status				
Unmarried	-0.0080	(-0.362)	0.0412	(6.046)***
Married	0.0079	(0.59)	-0.0039	(-0.812)
Cohabiting	0.0458	(2.941)***	-0.0004	(-0.074)
Divorced	0.0262	(1.089)	-0.0049	(-0.622)
Heads Education				
Some Primary	-0.0598	(-6.357)***	0.0357	(8.083)***
Primary	-0.1492	(-7.237)***	0.0567	(7.738)***
Some Secondary	-0.1568	(-7.201)***	0.0651	(8.35)***
Secondary	-0.2334	(-11.062)***	0.0855	(9.669)***
University	-0.3879	(-12.039)***	0.1457	(10.172)***
Heads Activity Type				
Agriculture/Mining	-0.0008	(-0.089)	-0.0440	(-7.853)***
Manufacturing/Construction	0.0587	(4.423)***	-0.0098	(-2.175)**
Trade	0.0656	(3.685)***	-0.0109	(-1.915)*
Motor Vehicle	-0.0597	(-4.684)***	0.0280	(6.283)***
Hotel	-0.0832	(-3.783)***	0.0321	(4.639)***
Transport	-0.0325	(-1.349)	0.0012	(0.183)
Financial/Real Estate	-0.0546	(-1.502)	0.0338	(3.583)***
Public Administration	0.0019	(0.101)	0.0027	(0.542)
Education, Health and Social Works	-0.0105	(-0.46)	-0.0077	(-1.391)
Other Community and Social Activities	0.1152	(7.568)***	-0.0254	(-4.399)***
Region				
Amhara	0.0181	(0.926)	-0.0123	(-1.405)
Orimiya	-0.0996	(-4.235)***	0.0044	(0.612)
Tigray	0.0422	(2.06)**	0.0336	5.665)***
Affar	-0.0513	(-1.942)*	0.0303	4.288)***
Somali	-0.0111	(-0.475)	0.0167	(2.144)**
B-Gumuz	-0.1036	(-3.696)***	0.0402	(6.281)***
SNNP	0.0298	(1.518)	-0.0006	(-0.076)
Harari	-0.0713	(-2.382)**	0.0539	(7.917)***
Addis	-0.0085	(-0.407)	0.0216	(3.54)***

Defaults: Education: Missed education, Marital Status: Widowed, Occupation: Private households and other organizations activity, Region: Dire Dawa

* Significant at 10% level, ** Significant at 5% level, *** Significant at 1% level

Table 3: Multinomial Logit Regression - Household Expenditure p.c. Disaggregated by Quintile - Marginal Effects

Variable	Quintile 1		Quintile 2		Quintile 3		Quintile 4		Quintile 5	
	M/Effects	T-ratio	M/Effects	T-ratio	M/Effects	T-ratio	M/Effects	T-ratio	M/Effects	T-ratio
Constant	-0.3233	(-3.895)***	-0.2792	(-2.613)***	0.1903	(2.27)**	0.2558	(3.082)***	0.1564	(3.091)***
Age of head	0.0016	(1.166)	0.0016	(1.02)	-0.0036	(-2.276)**	-0.0012	(-0.797)	0.0016	(1.555)
Female Head	0.0564	(5.461)***	0.0391	(3.151)***	0.0104	(0.81)	-0.0566	(-4.615)***	-0.0492	(-6.523)***
Age of head, squared	0.0000	(-2.164)**	0.0000	(-1.169)	0.0000	(2.382)**	0.0000	(1.385)	0.0000	(-0.991)
Head Marital Status: Unmarried	0.0128	(0.607)	0.0087	(0.35)	-0.0525	(-2.136)**	-0.0377	(-1.746)*	0.0687	(5.511)***
Married	-0.0064	(-0.514)	0.0184	(1.204)	0.0091	(0.575)	-0.0177	(-1.148)	-0.0034	(-0.337)
Cohabiting	0.0178	(1.226)	-0.0116	(-0.636)	-0.0171	(-0.932)	0.0065	(0.385)	0.0044	(0.409)
Divorced	0.0158	(0.726)	0.0203	(0.776)	0.0246	(0.947)	-0.0547	(-2.099)**	-0.0060	(-0.393)
Heads Education: Some Primary	-0.0550	(-7.566)***	-0.0491	(-5.46)***	-0.0189	(-1.953)*	0.0566	(5.854)***	0.0664	(9.784)***
Primary	-0.1207	(-7.23)***	-0.0457	(-2.45)**	-0.0306	(-1.529)	0.0828	(4.497)***	0.1142	(10.241)***
Some Secondary	-0.1257	(-7.009)***	-0.1011	(-4.767)***	-0.0047	(-0.23)	0.1132	(6.089)***	0.1182	(10.553)***
Secondary	-0.1977	(-12.018)***	-0.1162	(-6.374)***	-0.0168	(-0.947)	0.1612	(10.25)***	0.1695	(17.739)***
University	-0.3277	(-12.752)***	-0.2490	(-8.716)***	-0.0069	(-0.276)	0.2810	(13.305)***	0.3025	(23.917)***
Head Activity : Ag/Mining	0.0019	(0.065)	0.0621	(1.7)*	0.0378	(1.078)	-0.0086	(-0.271)	-0.0932	(-5.253)***
Manufacturing/Construction	0.0352	(1.17)	0.0089	(0.234)	-0.0165	(-0.452)	0.0059	(0.18)	-0.0335	(-1.827)*
Trade	0.0540	(1.7)*	0.0318	(0.792)	-0.0073	(-0.187)	-0.0374	(-1.068)	-0.0411	(-2.12)**
Motor Vehicle	-0.0627	(-2.09)**	-0.0161	(-0.43)	0.0040	(0.111)	0.0408	(1.265)	0.0341	(1.923)*
Hotel	-0.0835	(-2.433)**	-0.0768	(-1.779)*	0.0107	(0.264)	0.0996	(2.751)***	0.0500	(2.491)**
Transport	-0.0298	(-0.848)	-0.0040	(-0.092)	0.0275	(0.67)	0.0203	(0.548)	-0.0141	(-0.676)
Financial/Real Estate	-0.0481	(-1.087)	0.0431	(0.852)	-0.0367	(-0.717)	0.0053	(0.12)	0.0364	(1.627)*
Public Administration	-0.0044	(-0.134)	0.0075	(0.187)	0.0076	(0.199)	0.0059	(0.171)	-0.0166	(-0.886)
Education, Health, Social Work	-0.0178	(-0.506)	0.0044	(0.102)	0.0118	(0.292)	0.0307	(0.869)	-0.0290	(-1.492)
Other Community/Social Activity	0.0890	(2.911)***	0.0673	(1.743)*	-0.0385	(-1.015)	-0.0527	(-1.545)	-0.0651	(-3.422)***
Region: Amhara	0.0128	(0.756)	-0.0315	(-1.567)	0.0683	(2.901)***	-0.0351	(-1.562)	-0.0146	(-0.957)
Orimiya	-0.0815	(-4.764)***	-0.0410	(-2.069)**	0.0709	(3.042)***	0.0268	(1.219)	0.0248	(1.668)*
Tigray	0.0322	(1.758)*	-0.0414	(-1.86)*	-0.0370	(-1.389)	-0.0167	(-0.671)	0.0629	(3.888)***
Affar	-0.0453	(-2.185)**	-0.1068	(-4.278)***	0.0306	(1.102)	0.0529	(2.034)**	0.0687	(3.998)***
Somali	-0.0025	(-0.126)	-0.0544	(-2.305)**	-0.0052	(-0.186)	0.0115	(0.436)	0.0506	(2.891)***
B-Gumuz	-0.0923	(-4.438)***	-0.0788	(-3.318)***	0.0417	(1.545)	0.0418	(1.629)	0.0876	(5.205)***

Model	Variable	Parameter	Estimate	SE	Z	P	95% CI	90% CI			
Model 1	SNNP	0.0177	(1.034)	-0.0463	(-2.263)**	0.0142	(0.591)	0.0032	(0.141)	0.0111	(0.717)
		-0.0919	(-3.708)***	-0.1454	(-4.87)***	-0.0103	(-0.317)	0.1252	(4.392)***	0.1224	(6.616)***
		-0.0202	(-1.117)	-0.1131	(-5.133)***	0.0460	(1.848)*	0.0489	(2.12)**	0.0384	(2.532)**
Model 2	Harari	0.0177	(1.034)	-0.0463	(-2.263)**	0.0142	(0.591)	0.0032	(0.141)	0.0111	(0.717)
		-0.0919	(-3.708)***	-0.1454	(-4.87)***	-0.0103	(-0.317)	0.1252	(4.392)***	0.1224	(6.616)***
		-0.0202	(-1.117)	-0.1131	(-5.133)***	0.0460	(1.848)*	0.0489	(2.12)**	0.0384	(2.532)**
Model 3	Addis	0.0177	(1.034)	-0.0463	(-2.263)**	0.0142	(0.591)	0.0032	(0.141)	0.0111	(0.717)
		-0.0919	(-3.708)***	-0.1454	(-4.87)***	-0.0103	(-0.317)	0.1252	(4.392)***	0.1224	(6.616)***
		-0.0202	(-1.117)	-0.1131	(-5.133)***	0.0460	(1.848)*	0.0489	(2.12)**	0.0384	(2.532)**

Defaults: Missed education, Widowed, Private households and other organizations activity, Dire Dawa; * Significant at 10% level, ** Significant at 5% level, *** Significant at 1% level

ANNEX II Distribution of Sampling Units (Sampled And Covered) By Strata

Table 11. Number of Planned and Actually Covered Sampling Units (EAs & Households) of the 2004 (1996 E.C.) Household Income Consumption and Expenditure Sample Survey-Rural

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Sampled	Covered	Sampled	Covered
Tigray	North Western Tigray	14	14	168	168
	Central Tigray	15	15	180	180
	Eastern Tigray	14	14	168	168
	Southern Tigray	15	15	180	180
	Western Tigray	13	13	156	156
	Region Total		71	71	852	852
Afar	Zone One	17	17	204	203
	Zone Three	18	18	216	216
	Region Total	35	35	420	419
Amhara	North Gonder	18	18	216	215
	South Gonder	17	17	204	204
	North Wello	16	16	192	192
	South Wello	20	20	240	240
	North Shewa	18	18	216	212
	East Gojam	19	19	228	225
	West Gojam	19	19	228	227
	Wag Hemira	14	14	168	168
	Awi	15	15	180	180
	Oromia	14	14	168	167
	Region Total		170	170	2040	2030
Oromia	West Wellega	15	15	180	179
	East Wellega	13	13	156	156
	Illubabor	13	13	156	156
	Jimma	16	16	192	191
	West Shewa	13	13	156	156
	North Shewa	13	13	156	156
	East Shewa	15	15	180	180
	Arsi	16	16	192	192
	West Harerghe	13	13	156	156
	East Harerghe	16	16	192	192
	Bale	12	12	144	144
	Borena	13	13	156	156
	South West Shewa	13	13	156	156
	Guji	13	13	156	156
	Region Total		194	194	2328	2326

Table 1 (Cont'd)

Region	Stratum Zone/Sp.wereda	Enumeration Areas		Households	
		Sampled	Covered	Sampled	Covered
Somali	Shinile	12	12	144	143
	Jijiga	16	16	192	191
	Liben	14	13	168	151
	Region Total	42	41	504	485
Benishangul-Gumuz	Metekel	15	14	180	168
	Asosa	15	15	180	180
	Kemashi	16	16	192	189
	Region Total	46	45	552	537
SNNP	Guraghe	11	11	132	132
	Hadiya	9	9	108	108
	Kembata Tambaro	9	9	108	108
	Sidama	12	12	144	140
	Gedeo	9	9	108	108
	Wolayita	11	11	132	132
	South Omo	9	9	108	108
	Shaka	8	8	96	96
	Keffa	10	10	120	120
	Gamo Gofa	12	12	144	144
	Bench Maji	10	10	120	120
	Yem Special Wereda	5	5	60	60
	Amaro Special Wereda	5	5	60	60
	Burji Special Wereda	5	5	60	60
	Konso Special Wereda	5	5	60	60
	Derashe Special Wereda	5	5	60	60
	Dawro	9	9	108	108
	Basketo Special Wereda	5	5	60	60
	Konta Special Wereda	5	5	60	60
	Siltie	8	8	96	96
	Alaba Special Wereda	5	5	60	60
Region Total	167	167	2004	2000	
Harari	Harari	24	24	288	288
Addis Ababa	Addis Ababa	24	23	288	276
Dire Dawa	Dire Dawa	24	24	288	287
Country Total		797	794	9564	9500

Table2 Distribution of Sampled and Covered EAs and Households of 2004 (1996 E.C) Household Income Consumption and Expenditure Sample Survey for Urban Domain of Regional Capitals and Major Urban Centers

Region	Zone	Wereda	Town	EAs		Households	
				Samples	Covered	Samples	Covered
Tigray	Mekele	Mekele	Mekele	23	23	368	365
Afar	Zone 1	Asayita	Asayita	15	15	240	238
Amhara	North Gondar	Gondar	Gondar	23	23	368	367
	South Wollo	Desse	Desse	23	23	368	367
	Bahir Dar	Bahir Dar	Bahir Dar	23	23	368	366
Oromia	East Shewa	Adaa' Liben	Debre zeit	23	23	368	367
	Adama\Nazreth	Adama\Nazreth	Adama	23	23	368	366
	Jimma	Jimma	Jimma	23	23	368	367
Somali	Jijiga	Jijiga	Jijiga	23	23	368	363
Benishangul	Asosa	Assosa	Asosa	15	15	240	238
SNNP	Sidama	Awassa	Awassa	23	23	368	367
Harari	Harari	Harari	Harar	23	23	368	366
Addis Ababa	Addis Ababa	Addis Ababa	Addis Ababa	200	200	3200	3187
Dire Dawa	Dire Dawa	Dire Dawa	Dire Dawa	25	25	400	395
Total				485	485	7760	7719

Table3 Distribution of Sampled and Covered EAs and Households of the 2004/1996 E.C Household Income Consumption and Expenditure Sample Survey for Urban Domain of Other Urban Centers

Region	EAs		Household	
	Samples	Covered	Samples	Covered
Tigray other Urban	33	33	528	527
Afar other Urban	20	20	320	314
Amhara other Urban	56	56	896	894
Oromia other Urban	78	78	1248	1247
Somali other Urban	22	22	352	343
Benishangul other Urban	20	20	320	320
SNNP other Urban	46	46	736	736
Total Other Urban	275	275	4400	4381

ANNEX III Estimation Procedures of Total, Ratio and Sampling Errors

The following formulas were used to estimate the required variables by reporting levels.

1. Estimate of Total \hat{Y}_h in Rural Domain (Category I)

$$\hat{Y}_h = \sum_{i=1}^{n_h} \frac{M_h H_{hi}}{n_h M_{hi} h_{hi}} \sum_{j=1}^{h_{hi}} Y_{hij} = \sum_{i=1}^{n_h} \sum_{j=1}^{h_{hi}} W_{hi} Y_{hij} \quad (1)$$

Where,

$$W_{hi} = \frac{M_h H_{hi}}{n_h M_{hi} h_{hi}} \text{ is the basic sampling weight}$$

2. Estimate of Total \hat{Y}_h in Major Urban Domain (Category II)

$$\hat{Y}_h = \sum_{a=1}^3 \sum_{i=1}^{n_{ah}} \sum_{j=1}^{h_{hai}} W_{hai} Y_{haij} \quad (2)$$

Where,

$$W_{hai} = \frac{M_{ha} H_{hai}}{n_{ha} M_{hai} h_{hai}} \text{ is the basic sampling weight}$$

3. Estimate of Total \hat{Y}_h in Other Urban Domain (Category III)

$$\begin{aligned} \hat{Y}_h &= \sum_{i=1}^{n_h} \frac{M_h}{n_h n_{hi}} \sum_{j=1}^{n_{hi}} \frac{H_{hij}}{M_{hij} h_{hij}} \sum_{k=1}^{h_{hij}} Y_{hijk} \\ &= \sum_{i=1}^{n_h} \sum_{j=1}^{n_{hi}} \sum_{k=1}^{h_{hij}} W_{hij} Y_{hijk} \end{aligned} \quad (3)$$

Where,

$$W_{hij} = \frac{M_h H_{ij}}{n_h n_{hi} M_{hij} h_{hij}} \text{ is basic sampling weight}$$

The following notations were used in the formula:

M_h = Total number of households in stratum h obtained from the sampling frame.

M_{hi} = Total number of households in EA/PSU i for rural and urban domain or in urban center/PSU i for other urban domain, stratum h obtained from the sampling frame.

n_h = Number of successfully covered sample EAs for rural domain in stratum h.

H_{hi} = Total number of households obtained from the survey listing in sample EA/PSU i stratum h for rural domains.

h_{hi} = Total number of households successfully covered in EA/PSU i stratum h for rural domain.

M_{ha} = Total adjusted number of households of the domain in substrata a and stratum h obtained from the sampling frame

H_{hai} = Total number of households obtained from the survey listing in EA/PSU i of substratum a and stratum h

n_{ha} = Number of successfully covered sample EAs/PSUs for major urban domain in substratum a and stratum h

M_{hai} = Total number of households in EA/PSU i in substratum a and stratum h obtained from the sampling frame

h_{hai} = Total number of sampled and covered households in sampled EA/PSU i, substratum a and stratum h

\hat{Y}_{haj} = The observed value of characteristic y for household j, in EA/PSU i, substratum a and stratum h of Major Urban Domain

M_{hij} = Total number of households in EA/SSU j, urban centers/PSU i and stratum h obtained from the sampling frame for other urban center domain.

n_{hi} = Number of sample EAs successfully covered in urban center/PSU i and stratum h for other urban center domain.

H_{hij} = Total number of households obtained from the survey listing in EA/SSU j, urban center/PSU i and stratum h for other urban center domain

h_{hij} = Number of sample households successfully covered in EA /SSU j, urban center/PSU i and stratum h for other urban center domain.

Y_{hij} = The observed value of a characteristic y for household j in sampled EA/PSU i and stratum h for rural domain.

Y_{hijk} = The observed value of a characteristic y for household k in EA/SSUj, urban center/PSU i and stratum h for other urban domain.

Note: Estimate of total at country level, \hat{Y} , is obtained by summing up stratum/domain total estimates.

$$\hat{Y} = \sum_{h=1} \hat{Y}_h$$

4. Sampling Variance of the Estimates:

Sampling variance of estimate of stratum total are given by the following formulas:

The variance of domain or reporting total estimate is:

$$V(\hat{Y}_h) = \frac{n_h}{n_h - 1} \left[\sum_{i=1}^{n_h} \hat{y}_{hi}^2 - \frac{\hat{Y}_h^2}{n_h} \right] \quad (4)$$

in which $\hat{Y}_{hi} = W_{hi} \sum_{j=1}^{h_{hi}} Y_{hij}$ for rural and major urban centers domains,

and $\hat{Y}_{hi} = \sum_{j=1}^{n_{hi}} W_{hij} \sum_{k=1}^{h_{hij}} y_{hijk}$ for other urban center domain.

$$V(\hat{Y}) = \sum_h V(\hat{Y}_h) \quad (5)$$

$$SE(\hat{Y}_h) = \sqrt{Var(\hat{Y}_h)} \text{-----} \quad (6)$$

5. Coefficient of Variation (CV) and Confidence Interval (CI)

The following formulas were used to calculate CV and CI of the domain (reporting level) total.

The coefficient of variation (CV) of domain total in percentage is:

$$CV(\hat{Y}_h) = \frac{\sqrt{VAR(\hat{Y})}}{\hat{Y}} * 100 \text{-----} \quad (7)$$

and Ninety-five percent confidence interval (CI) of domain total:

$$\hat{Y}_h \pm 1.96 * SE(\hat{Y}_h) \text{-----} \quad (8)$$

6. Ratio Estimates:

$$\hat{R}_h = \frac{\hat{Y}_h}{\hat{X}_h} \text{ and } \hat{R} = \frac{\hat{Y}}{\hat{X}} \text{-----} \quad (9)$$

Where the numerator and the denominator are estimates of domain totals of characteristic y and x, respectively.

$$Var(\hat{R}_h) = \frac{1}{\hat{X}_h^2} [Var(\hat{Y}_h) + \hat{R}_h^2 Var(\hat{X}_h) - 2\hat{R}_h Cov(\hat{Y}_h, \hat{X}_h)] \text{-----}$$

(10)

In which

$$Cov(\hat{Y}_h, \hat{X}_h) = \frac{n_h}{n_h - 1} \left[\sum_{i=1}^{n_h} \hat{Y}_{hi} \hat{X}_{hi} - \frac{\hat{Y}_h \hat{X}_h}{n_h} \right] \text{-----}$$

(11)

Estimates of standard error, coefficient of variation and confidence interval for the ratio estimate can be calculated by adopting formulas 6, 7 and 8.

ANNEX IV STANDARD ERRORS AND COEFFICIENT OF VARIATION OF SELECTED VARIABLES
Table 1 Standard Errors and Coefficient of Variations of Household Estimates by Household Size, Gender of Household Head and Regions, Rural + Urban - 2004/5

Region	HH Size	Gender of Head																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
					Lower	Upper					Lower	Upper					Lower	Upper		
Country	1	271,686	19,128	7.04	234,196	309,176	2.22	416,478	24,908	5.98	367,659	465,298	2.48	688,164	31,341	4.55	626,736	749,593	2.43	
	2	779,647	40,125	5.15	701,001	858,292	3.54	746,912	37,398	5.01	673,612	820,212	3.2	1,526,559	64,029	4.19	1,401,062	1,652,055	4.9	
	3	1,248,979	55,882	4.47	1,139,452	1,358,507	4.46	733,199	39,088	5.33	656,585	809,811	3.56	1,982,177	80,773	4.07	1,823,862	2,140,493	6.24	
	4	1,687,064	71,120	4.22	1,547,670	1,826,459	5.54	577,837	31,592	5.47	515,918	639,757	2.92	2,264,902	89,543	3.95	2,089,398	2,440,406	6.89	
	5	1,625,153	71,236	4.38	1,485,531	1,764,775	5.74	426,862	27,290	6.39	373,373	480,351	2.91	2,052,015	83,696	4.08	1,887,972	2,216,058	6.51	
	6	1,539,203	66,149	4.3	1,409,552	1,668,855	5.19	245,278	18,553	7.56	208,914	281,643	2.31	1,784,482	72,215	4.05	1,642,940	1,926,023	5.45	
	7	1,271,603	64,124	5.04	1,145,920	1,397,286	5.77	141,860	14,233	10.03	113,963	169,756	2.33	1,413,463	68,705	4.86	1,278,801	1,548,125	6.03	
	8	734,581	42,470	5.78	651,340	817,822	4.2	60,447	8,925	14.77	42,954	77,941	2.14	795,029	43,777	5.51	709,227	880,831	4.14	
	9	420,108	35,043	8.34	351,424	488,792	4.88	29,486	6,102	20.7	17,526	41,447	2.04	449,594	35,710	7.94	379,602	519,587	4.74	
	10+	383,124	38,317	10	308,023	458,224	6.37	26,430	4,659	17.63	17,298	35,561	1.33	409,554	38,648	9.44	333,803	485,304	6.08	
	Total	9,961,149	356,970	3.58	9,261,487	10,660,811	81.13	3,404,790	114,354	3.36	3,180,655	3,628,924	8.33	13,365,938	446,297	3.34	12,491,196	14,240,681	*****	
Tigray	1	23,026	4,916	21.35	13,391	32,661	2.08	45,639	6,844	15	32,225	59,053	2.09	68,665	8,327	12.13	52,345	84,986	2.11	
	2	46,597	5,441	11.68	35,933	57,260	1.29	63,092	5,924	9.39	51,481	74,702	1.15	109,689	7,979	7.27	94,049	125,328	1.27	
	3	69,251	9,192	13.27	51,235	87,268	2.55	68,111	8,333	12.23	51,779	84,443	2.13	137,363	13,616	9.91	110,676	164,049	3.07	
	4	97,666	10,117	10.36	77,836	117,496	2.27	51,409	6,547	12.74	38,576	64,242	1.71	149,075	13,712	9.2	122,200	175,950	2.91	
	5	91,720	10,987	11.98	70,187	113,254	2.83	36,492	5,636	15.45	25,445	47,539	1.75	128,212	13,655	10.65	101,449	154,975	3.27	
	6	101,723	14,092	13.85	74,103	129,342	4.24	17,969	3,310	18.42	11,481	24,456	1.2	119,691	14,351	11.99	91,563	147,820	3.83	
	7	73,632	11,498	15.62	51,096	96,168	3.77	7,361	2,327	31.61	2,801	11,922	1.43	80,993	11,848	14.63	57,771	104,216	3.67	
	8	60,025	9,653	16.08	41,104	78,946	3.21	4,292	1,862	43.38	643	7,941	1.57	64,317	9,691	15.07	45,322	83,312	3.03	
	9	30,610	5,902	19.28	19,042	42,178	2.27	1,046	902	86.17	-721	2,814	1.5	31,656	6,323	19.97	19,263	44,050	2.52	
	10+	13,381	3,489	26.07	6,543	20,218	1.78	88	88	100	-85	262	0.17	13,469	3,490	25.91	6,630	20,308	1.77	
Total	607,631	50,844	8.37	507,978	707,284	25.08	295,500	23,429	7.93	249,579	341,420	5.33	903,131	63,717	7.06	778,246	1,028,016	*****		
Affar	1	2,549	547	21.48	1,476	3,622	2.35	2,468	495	20.07	1,497	3,439	1.99	5,017	922	18.37	3,211	6,823	3.57	
	2	4,742	730	15.4	3,310	6,173	2.36	2,943	644	21.87	1,681	4,204	2.84	7,684	1,173	15.26	5,386	9,983	4.01	
	3	6,713	780	11.62	5,185	8,242	1.98	2,114	497	23.5	1,140	3,088	2.32	8,828	1,181	13.38	6,513	11,143	3.63	
	4	5,808	1,219	20.99	3,418	8,197	5.49	1,130	358	31.68	429	1,832	2.21	6,938	1,452	20.93	4,092	9,785	6.69	
	5	5,603	1,246	22.24	3,160	8,045	5.92	1,132	361	31.87	425	1,838	2.24	6,734	1,440	21.38	3,912	9,556	6.74	
	6	5,339	1,204	22.55	2,979	7,699	5.77	1,096	347	31.63	417	1,776	2.13	6,435	1,406	21.84	3,680	9,190	6.68	
	7	3,429	1,019	29.7	1,433	5,426	6.17	271	99	36.45	77	464	0.69	3,700	1,036	28.01	1,669	5,731	5.95	
	8	2,652	720	27.15	1,241	4,064	3.92	71	71	100	-68	210	1.35	2,723	744	27.33	1,265	4,181	4.08	
	9	953	295	30.93	375	1,531	1.77	272	147	53.92	-15	560	1.51	1,225	362	29.59	515	1,936	2.09	
	10+	1,604	593	36.97	442	2,766	4.3	126	89	70.73	-49	301	1.2	1,730	632	36.53	491	2,968	4.54	
Total	39,392	6,306	16.01	27,033	51,751	84.24	11,623	2,023	17.41	7,658	15,588	8.67	51,015	8,012	15.71	35,311	66,719	*****		
Amhara	1	64,785	9,314	14.38	46,530	83,040	1.47	147,153	15,043	10.22	117,669	176,638	1.73	211,939	17,323	8.17	177,985	245,892	1.62	
	2	250,514	22,728	9.07	205,967	295,061	2.39	278,772	21,977	7.88	235,698	321,847	2.03	529,286	36,951	6.98	456,862	601,710	3.25	
	3	380,873	30,257	7.94	321,570	440,176	2.9	186,089	17,679	9.5	151,437	220,740	1.91	566,962	41,189	7.26	486,232	647,692	3.82	
	4	508,214	37,866	7.45	433,997	582,430	3.54	138,852	15,673	11.29	108,132	169,571	1.99	647,066	46,816	7.24	555,306	738,825	4.44	
	5	519,273	38,015	7.32	444,764	593,782	3.5	94,400	11,650	12.34	71,567	117,233	1.6	613,673	41,693	6.79	531,955	695,390	3.67	
	6	447,501	35,087	7.84	378,730	516,273	3.38	37,332	8,015	21.47	21,624	53,041	1.88	484,834	37,004	7.63	412,306	557,361	3.51	
	7	353,569	29,210	8.26	296,318	410,820	2.89	24,333	5,750	23.63	13,064	35,602	1.48	377,902	31,095	8.23	316,956	438,847	3.08	
	8	155,166	18,680	12.04	118,553	191,778	2.54	3,009	1,605	53.33	-136	6,154	0.93	158,174	18,789	11.88	121,348	195,000	2.52	
	9	84,616	12,587	14.88	59,946	109,287	2.07	860	373	43.37	129	1,592	0.18	85,477	12,573	14.71	60,833	110,120	2.05	
	10+	40,561	10,414	25.67	20,150	60,972	2.92	1,431	663	46.32	132	2,730	0.33	41,992	10,410	24.79	21,588	62,396	2.82	
Total	2,805,072	161,497	5.76	2,488,537	3,121,607	40.99	912,232	54,154	5.94	806,089	1,018,374	4.61	3,717,304	201,076	5.41	3,323,194	4,111,413	*****		

Oromiya	1	80,977	11,252	13.9	58,923	103,031	1.49	118,586	14,966	12.62	89,252	147,920	1.81	199,563	18,620	9.33	163,068	236,059	1.7
	2	244,030	25,837	10.59	193,389	294,671	2.7	210,813	23,109	10.96	165,520	256,106	2.48	454,843	41,690	9.17	373,132	536,555	3.94
	3	455,889	36,899	8.09	383,567	528,211	3.08	263,428	28,049	10.65	208,452	318,405	2.96	719,317	55,969	7.78	609,618	829,016	4.77
	4	605,619	49,725	8.21	508,157	703,081	4.36	202,571	21,726	10.72	159,989	245,153	2.28	808,190	62,118	7.69	686,439	929,940	5.35
	5	572,853	50,956	8.9	472,980	672,727	4.8	149,164	20,430	13.7	109,122	189,206	2.71	722,018	62,486	8.65	599,546	844,490	5.93
	6	568,237	45,830	8.07	478,410	658,063	3.91	105,087	14,213	13.53	77,229	132,945	1.84	673,324	52,240	7.76	570,933	775,714	4.4
	7	530,886	48,516	9.14	435,790	625,982	4.66	65,272	11,138	17.06	43,441	87,103	1.81	596,158	52,392	8.79	493,469	698,847	4.91
	8	348,626	34,580	9.92	280,849	416,403	3.46	26,065	7,504	28.79	11,357	40,772	2.04	374,691	35,812	9.56	304,499	444,883	3.47
	9	183,715	29,504	16.06	125,889	241,542	4.61	17,979	5,633	31.33	6,938	29,020	1.66	201,695	30,150	14.95	142,601	260,788	4.41
	10+	214,524	34,842	16.24	146,234	282,814	5.55	15,419	4,408	28.59	6,780	24,058	1.19	229,943	35,192	15.3	160,967	298,919	5.3
	Total	3,805,357	278,228	7.31	3,260,030	4,350,683	80.91	1,174,385	84,127	7.16	1,009,497	1,339,274	7.4	4,979,742	347,871	6.99	4,297,914	5,661,570	*****
Somali	1	4,093	1,005	24.54	2,124	6,062	2.15	5,665	869	15.33	3,962	7,368	1.17	9,758	1,415	14.5	6,984	12,532	1.87
	2	9,035	2,244	24.84	4,637	13,433	5.04	5,737	814	14.18	4,143	7,332	1.02	14,772	2,490	16.86	9,892	19,653	3.97
	3	12,648	3,352	26.61	6,077	19,218	8.26	6,951	1,649	23.73	3,718	10,184	3.48	19,599	4,441	22.66	10,894	28,303	9.89
	4	17,223	3,396	19.72	10,567	23,879	6.46	5,230	1,604	30.67	2,086	8,374	4.32	22,453	4,633	20.63	13,372	31,534	9.63
	5	17,907	4,324	24.15	9,432	26,381	10.12	4,400	781	17.76	2,868	5,931	1.21	22,306	4,529	20.3	13,430	31,183	9.25
	6	14,953	3,176	21.24	8,728	21,178	6.39	4,344	863	19.87	2,652	6,036	1.5	19,297	3,632	18.82	12,178	26,416	6.71
	7	11,509	3,032	26.34	5,566	17,451	7.36	2,691	627	23.32	1,461	3,921	1.26	14,200	3,149	22.18	8,028	20,372	6.57
	8	7,137	2,016	28.24	3,186	11,087	5.07	1,387	444	32	517	2,257	1.21	8,524	2,080	24.4	4,447	12,601	4.57
	9	4,645	1,659	35.71	1,394	7,896	5.18	212	104	49.2	8	416	0.43	4,856	1,658	34.14	1,607	8,106	4.96
	10+	4,204	927	22.04	2,388	6,021	1.78	455	170	37.46	121	789	0.54	4,659	954	20.48	2,789	6,529	1.71
	Total	103,353	22,132	21.41	59,974	146,732	151.9	37,072	4,323	11.66	28,598	45,545	5.79	140,425	25,485	18.15	90,475	190,375	*****
Benshangul-gum:	1	5,111	1,042	20.39	3,068	7,154	1.49	6,695	1,821	27.2	3,126	10,263	3.5	11,806	2,444	20.71	7,015	16,597	3.7
	2	11,786	2,213	18.78	7,449	16,123	3.04	7,740	2,104	27.19	3,616	11,864	4.07	19,526	3,863	19.79	11,954	27,098	5.89
	3	19,310	3,566	18.47	12,320	26,300	5.07	6,177	1,239	20.05	3,749	8,605	1.75	25,487	4,291	16.84	17,077	33,898	5.82
	4	21,136	3,928	18.58	13,438	28,835	5.69	3,805	866	22.76	2,108	5,503	1.37	24,942	4,171	16.72	16,766	33,118	5.59
	5	20,701	4,178	20.18	12,513	28,890	6.56	3,813	931	24.42	1,988	5,638	1.58	24,514	4,550	18.56	15,596	33,431	6.75
	6	18,459	3,712	20.11	11,184	25,735	5.71	2,213	821	37.11	603	3,822	2.09	20,672	3,722	18.01	13,376	27,968	5.21
	7	11,267	2,275	20.19	6,809	15,726	3.35	1,016	498	49.01	40	1,993	1.67	12,284	2,547	20.73	7,292	17,275	3.87
	8	9,477	1,821	19.21	5,909	13,046	2.52	669	544	81.27	-397	1,734	3.01	10,146	2,101	20.7	6,029	14,263	3.15
	9	5,618	1,322	23.53	3,028	8,209	2.18	391	340	87.12	-276	1,057	2.01	6,009	1,438	23.92	3,191	8,826	2.42
	10+	5,813	1,554	26.73	2,767	8,858	2.92	314	269	85.8	-214	841	1.57	6,127	1,569	25.61	3,051	9,202	2.83
	Total	128,680	20,298	15.77	88,895	168,464	106.8	32,832	6,050	18.43	20,973	44,690	9.49	161,511	24,643	15.26	113,210	209,812	*****
S.N.N.P.R.	1	65,170	11,002	16.88	43,606	86,733	2.09	68,391	10,728	15.69	47,364	89,419	1.9	133,561	15,726	11.77	102,738	164,385	2.14
	2	183,122	19,515	10.66	144,874	221,371	2.45	145,137	18,293	12.6	109,283	180,992	2.68	328,620	29,957	9.13	269,544	386,975	3.41
	3	255,008	26,955	10.57	202,178	307,840	3.45	162,812	18,648	11.45	128,261	199,363	2.5	417,820	38,127	9.13	343,092	492,549	4.5
	4	367,705	31,719	8.63	305,536	429,875	3.46	138,322	15,065	10.89	108,794	167,850	1.9	506,027	41,403	8.18	424,877	587,178	4.55
	5	344,226	29,406	8.54	286,590	401,862	3.15	102,778	12,238	11.91	78,792	126,765	1.67	447,004	33,378	7.47	381,583	512,425	3.26
	6	333,585	28,392	8.51	277,936	389,233	3.02	54,854	7,862	14.33	39,446	70,263	1.27	368,439	29,390	7.57	330,835	446,403	2.84
	7	251,195	27,388	10.9	197,514	304,875	3.61	26,315	6,049	22.99	14,459	38,171	1.55	277,510	28,974	10.44	220,721	334,299	3.69
	8	128,131	12,400	9.68	103,826	152,436	1.38	13,009	3,854	29.63	5,455	20,563	1.26	141,140	13,091	9.28	115,481	166,799	1.41
	9	94,394	12,553	13.3	69,791	118,998	1.9	3,988	1,936	48.56	193	7,784	1.04	98,383	12,666	12.87	73,557	123,208	1.86
	10+	78,880	11,185	14.18	56,958	100,802	1.8	1,146	704	61.44	-234	2,525	0.48	80,026	11,170	13.96	58,132	101,920	1.77
	Total	2,101,416	142,380	6.78	1,822,352	2,380,480	41.76	716,754	48,800	6.81	621,106	812,402	4.91	2,818,170	179,123	6.36	2,467,089	3,169,251	*****

	1	1,963	400	20.4	1,178	2,748	1.43	2,117	386	18.24	1,360	2,874	1.23	4,080	642	15.73	2,822	5,338	1.87
	2	2,977	485	16.31	2,026	3,929	1.42	2,737	572	20.88	1,617	3,858	2.13	5,715	828	14.5	4,091	7,338	2.33
	3	4,543	594	13.09	3,378	5,708	1.46	2,173	490	22.54	1,213	3,133	1.94	6,716	726	10.81	5,293	8,138	1.57
	4	4,640	582	12.54	3,499	5,781	1.37	2,316	408	17.61	1,517	3,116	1.27	6,956	708	10.18	5,568	8,345	1.45
	5	3,862	529	13.71	2,825	4,900	1.34	1,132	275	24.32	592	1,672	1.14	4,995	505	10.11	4,005	5,984	0.97
	6	3,127	464	14.84	2,217	4,036	1.24	930	222	23.93	494	1,366	0.9	4,056	559	13.79	2,960	5,153	1.43
	7	2,431	488	20.07	1,474	3,387	1.73	525	157	29.84	218	832	0.79	2,955	466	15.77	2,042	3,869	1.32
	8	1,163	359	30.88	459	1,867	1.9	397	178	44.66	50	745	1.33	1,560	401	25.69	775	2,346	1.78
	9	942	278	29.54	396	1,487	1.4	233	112	48.13	13	453	0.9	1,175	307	26.11	574	1,775	1.37
	10+	906	232	25.62	451	1,360	1.01	246	195	79.03	-135	628	2.57	1,152	283	24.55	598	1,706	1.19
	Total	26,553	1,661	6.25	23,297	29,808	5.3	12,808	1,456	11.37	9,953	15,662	4.07	39,360	2,015	5.12	35,410	43,310	*****
Addis Ababa	1	20,872	2,071	9.92	16,812	24,931	1.5	16,680	1,844	11.05	13,066	20,295	1.48	37,552	2,940	7.83	31,790	43,314	1.75
	2	22,646	2,049	9.05	18,630	26,661	1.36	25,819	2,213	8.57	21,483	30,156	1.4	48,465	3,095	6.39	42,399	54,531	1.54
	3	39,384	3,011	7.65	33,482	45,286	1.75	30,524	2,283	7.48	26,050	34,998	1.28	69,908	3,688	5.28	62,679	77,136	1.59
	4	51,805	3,662	7.07	44,628	58,982	2.03	30,540	2,464	8.07	25,711	35,368	1.49	82,345	4,630	5.62	73,270	91,419	2.19
	5	43,449	2,888	6.65	37,787	49,110	1.48	30,193	2,730	9.04	24,843	35,543	1.84	73,642	3,920	5.32	65,959	81,325	1.72
	6	40,644	3,637	8.95	33,515	47,772	2.49	20,192	1,813	8.98	16,638	23,745	1.19	60,835	4,039	6.64	52,919	68,752	2.15
	7	30,047	2,460	8.19	25,225	34,869	1.5	13,324	1,633	12.26	10,123	16,526	1.44	43,371	3,158	7.28	37,181	49,562	1.77
	8	20,002	1,934	9.67	16,212	23,792	1.37	11,136	1,362	12.23	8,466	13,805	1.2	31,137	2,394	7.69	26,445	35,830	1.38
	9	13,727	1,391	10.14	11,000	16,454	1.02	4,098	775	18.92	2,578	5,618	1.04	17,826	1,595	8.95	14,699	20,952	1.04
	10+	21,605	2,118	9.8	17,453	25,757	1.52	6,755	1,050	15.54	4,698	8,813	1.16	28,360	2,338	8.24	23,778	32,943	1.43
	Total	304,180	10,804	3.55	283,004	325,356	7.02	189,261	7,253	3.83	175,046	203,477	3.16	493,441	14,063	2.85	465,878	521,004	*****
Dire Dawa	1	3,140	647	20.6	1,872	4,408	1.54	3,083	576	18.68	1,954	4,212	1.24	6,223	933	14.99	4,395	8,052	1.7
	2	4,198	764	18.19	2,701	5,695	1.63	4,120	899	21.83	2,358	5,883	2.31	8,319	1,368	16.44	5,638	10,999	2.85
	3	5,361	732	13.66	3,925	6,796	1.2	4,818	1,120	23.24	2,623	7,012	3.09	10,178	1,345	13.22	7,541	12,815	2.33
	4	7,247	939	12.95	5,408	9,087	1.51	3,662	752	20.53	2,188	5,136	1.8	10,910	1,335	12.24	8,292	13,527	2.18
	5	5,559	1,053	18.94	3,495	7,623	2.4	3,358	621	18.5	2,140	4,576	1.33	8,917	1,321	14.81	6,329	11,505	2.51
	6	5,635	791	14.03	4,086	7,185	1.34	1,262	370	29.28	538	1,986	1.21	6,898	850	12.32	5,231	8,564	1.29
	7	3,639	702	19.3	2,262	5,015	1.58	751	274	36.46	214	1,288	1.11	4,390	797	18.16	2,827	5,953	1.71
	8	2,202	497	22.56	1,229	3,176	1.27	413	206	49.93	9	818	1.14	2,616	563	21.51	1,513	3,719	1.39
	9	886	307	34.59	286	1,487	1.18	407	202	49.65	11	803	1.11	1,293	390	30.14	529	2,057	1.32
	10+	1,647	522	31.68	624	2,670	1.86	449	222	49.39	14	884	1.21	2,096	639	30.49	844	3,349	2.21
	Total	39,515	3,386	8.57	32,880	46,151	8.81	22,324	3,114	13.95	16,220	28,428	7.45	61,840	5,532	8.95	50,996	72,683	*****

Table 2 Standard Errors and Coefficient of Variations of Household Estimates by Household Expenditure Quintile, Gender of Household Head and Regions, Rural + Urban - 2004/5

Region	HH Size	Gender of Head																	
		Male						Female						Total					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
					Lower	Upper					Lower	Upper					Lower	Upper	
Country	1	1,350,224	79,897	5.92	1,193,625	1,506,823	8.5	1,323,141	58,121	4.39	1,209,224	1,437,058	4.58	2,673,365	120,736	4.52	2,436,723	2,910,007	11.01
	2	1,927,062	87,697	4.55	1,755,176	2,098,948	7.53	746,016	39,426	5.28	668,742	823,290	3.56	2,673,078	109,278	4.09	2,458,893	2,887,264	9.02
	3	2,117,738	96,194	4.54	1,929,198	2,306,278	8.39	555,260	34,604	6.23	487,437	623,084	3.63	2,672,999	116,642	4.36	2,444,381	2,901,617	10.28
	4	2,282,351	103,685	4.54	2,079,128	2,485,575	9.18	391,312	23,968	6.13	344,335	438,290	2.44	2,673,664	112,665	4.21	2,452,839	2,894,488	9.59
	5	2,283,773	110,093	4.82	2,067,991	2,499,555	10.34	389,060	24,133	6.2	341,759	436,360	2.49	2,672,833	121,832	4.56	2,434,043	2,911,623	11.21
	Total	9,961,149	356,970	3.58	9,261,487	10,660,811	81.13	3,404,790	114,354	3.36	3,180,655	3,628,924	8.33	13,365,938	446,297	3.34	12,491,196	14,240,681	*****
Tigray	1	91,465	12,512	13.68	66,941	115,989	3.67	134,869	12,411	9.2	110,544	159,195	2.59	226,334	19,513	8.62	188,089	264,580	4.33
	2	140,552	15,339	10.91	110,488	170,617	3.82	53,493	5,979	11.18	41,773	65,212	1.37	194,045	17,850	9.2	159,059	229,031	4.03
	3	126,416	16,715	13.22	93,656	159,177	4.96	40,354	5,681	14.08	29,219	51,489	1.61	166,770	18,553	11.12	130,407	203,133	4.88
	4	121,250	16,471	13.58	88,968	153,533	4.96	25,627	4,461	17.41	16,883	34,371	1.54	146,877	17,589	11.98	112,403	181,351	4.85
	5	127,947	17,336	13.55	93,968	161,927	5.28	41,157	7,989	19.41	25,499	56,815	3.13	169,104	21,991	13	126,002	212,206	6.79
	Total	607,631	50,844	8.37	507,978	707,284	25.08	295,500	23,429	7.93	249,579	341,420	5.33	903,131	63,717	7.06	778,246	1,028,016	*****
Affar	1	5,311	980	18.46	3,389	7,232	3.84	3,350	724	21.61	1,931	4,769	3.8	8,661	1,411	16.29	5,896	11,426	5.26
	2	6,612	1,049	15.86	4,556	8,668	3.64	2,783	622	22.36	1,563	4,003	2.8	9,395	1,546	16.46	6,365	12,425	5.93
	3	9,124	1,759	19.28	5,677	12,572	7.85	2,179	474	21.75	1,250	3,108	2.05	11,304	2,085	18.45	7,217	15,390	9.4
	4	9,058	1,821	20.1	5,489	12,628	8.46	1,956	495	25.34	985	2,927	2.48	11,014	2,175	19.75	6,751	15,277	10.42
	5	9,286	1,827	19.67	5,706	12,867	8.35	1,355	414	30.56	543	2,167	2.47	10,641	2,001	18.8	6,720	14,563	9.04
	Total	39,392	6,306	16.01	27,033	51,751	84.24	11,623	2,023	17.41	7,658	15,588	8.67	51,015	8,012	15.71	35,311	66,719	*****
Amhara	1	565,746	53,602	9.47	460,687	670,806	6.48	529,733	38,547	7.28	454,180	605,285	3.54	1,095,479	78,867	7.2	940,900	1,250,059	8.71
	2	633,158	48,032	7.59	539,015	727,300	4.75	173,719	15,268	8.79	143,794	203,644	1.52	806,877	55,430	6.87	698,234	915,519	5.26
	3	607,826	42,529	7	524,469	691,183	3.85	96,103	12,123	12.61	72,341	119,865	1.7	703,929	47,413	6.74	611,000	796,858	4.26
	4	559,667	45,649	8.16	470,195	649,140	4.74	68,808	9,480	13.78	50,227	87,389	1.44	628,475	49,091	7.81	532,257	724,693	4.99
	5	438,675	33,561	7.65	372,896	504,454	3.15	43,869	6,740	15.36	30,659	57,078	1.13	482,544	35,203	7.3	413,545	551,542	3.19
	Total	2,805,072	161,497	5.76	2,488,537	3,121,607	40.99	912,232	54,154	5.94	806,089	1,018,374	4.61	3,717,304	201,076	5.41	3,323,194	4,111,413	*****
Oromiya	1	305,807	37,758	12.35	231,800	379,813	4.65	300,155	30,839	10.27	239,710	360,600	3.16	605,961	61,420	10.14	485,579	726,344	6.65
	2	599,456	58,754	9.8	484,299	714,613	6.14	290,245	31,903	10.99	227,715	352,775	3.49	889,701	78,212	8.79	736,406	1,042,996	7.85
	3	777,921	70,894	9.11	638,969	916,873	7.18	250,017	27,913	11.16	195,308	304,727	3.08	1,027,938	89,859	8.74	851,814	1,204,063	9.28
	4	1,015,031	83,611	8.24	851,153	1,178,909	8.11	157,892	18,258	11.56	122,106	193,679	2.05	1,172,923	90,524	7.72	995,495	1,350,351	8.57
	5	1,107,142	96,160	8.69	918,667	1,295,616	10.07	176,076	19,683	11.18	137,498	214,655	2.14	1,283,218	107,015	8.34	1,073,468	1,492,968	11.28
	Total	3,805,357	278,228	7.31	3,260,030	4,350,683	80.91	1,174,385	84,127	7.16	1,009,497	1,339,274	7.4	4,979,742	347,871	6.99	4,297,914	5,661,570	*****
Somali	1	9,969	2,028	20.34	5,994	13,943	3.76	11,994	2,079	17.33	7,919	16,068	3.33	21,962	3,692	16.81	14,727	29,198	6.22
	2	24,000	5,729	23.87	12,771	35,228	13.95	7,499	1,244	16.58	5,062	9,937	1.84	31,499	6,409	20.35	18,937	44,061	14.22
	3	24,791	7,141	28.8	10,795	38,788	21.13	5,540	1,212	21.88	3,164	7,917	2.34	30,332	7,945	26.19	14,759	45,904	22.46
	4	26,896	7,557	28.1	12,085	41,707	22.22	6,939	1,276	18.39	4,438	9,440	2.09	33,835	8,307	24.55	17,554	50,117	22.73
	5	17,698	2,664	15.05	12,475	22,920	3.88	5,099	746	14.63	3,637	6,561	0.96	22,797	2,885	12.65	17,143	28,451	3.69
	Total	103,353	22,132	21.41	59,974	146,732	151.9	37,072	4,323	11.66	28,598	45,545	5.79	140,425	25,485	18.15	90,475	190,375	*****
Benshangul-gum.	1	11,866	3,112	26.23	5,767	17,966	5.97	11,216	3,324	29.63	4,702	17,730	7.18	23,082	5,929	25.69	11,461	34,703	12.05
	2	25,016	4,909	19.62	15,395	34,638	7.73	6,910	1,401	20.27	4,164	9,656	2.01	31,926	5,641	17.67	20,871	42,982	8.42
	3	28,412	5,946	20.93	16,759	40,065	10.24	7,076	1,411	19.94	4,310	9,842	2	35,488	6,384	17.99	22,975	48,001	9.98
	4	31,547	5,706	18.09	20,363	42,731	8.7	5,008	1,281	25.58	2,496	7,519	2.29	36,555	6,177	16.9	24,448	48,662	9.15
	5	31,838	6,707	21.07	18,692	44,984	11.93	2,622	753	28.72	1,146	4,098	1.49	34,460	7,132	20.7	20,482	48,438	12.72
	Total	128,680	20,298	15.77	88,895	168,464	106.8	32,832	6,050	18.43	20,973	44,690	9.49	161,511	24,643	15.26	113,210	209,812	*****

1	182,251	187,304	9.31	108,120	110,204	10.22	52,000	52,000	100.00	1,201,834	1,201,834	100.00	1,201,834	1,201,834	100.00	1,201,834	1,201,834	100.00	1,201,834	1,201,834	100.00
3	1,524,228	141,009	8.92	1,012,237	1,213,499	11.91	1,251,019	222,204	17.77	1,029,794	1,029,794	100.00	1,029,794	1,029,794	100.00	1,029,794	1,029,794	100.00	1,029,794	1,029,794	100.00
1	924,818	108,701	11.75	382,604	414,509	10.74	331,004	21,174	6.40	348,045	348,045	100.00	348,045	348,045	100.00	348,045	348,045	100.00	348,045	348,045	100.00
100%	380,081	89,629	23.61	382,604	414,509	10.74	331,004	21,174	6.40	348,045	348,045	100.00	348,045	348,045	100.00	348,045	348,045	100.00	348,045	348,045	100.00
2	440,109	34,183	7.74	65,441	120,383	14.09	102,343	30,897	30.19	84,833	149,008	175.66	50,760	29,594	58.32	153,152	153,152	100.00	153,152	153,152	100.00
4	102,888	50,121	48.82	62,243	140,981	22.84	82,000	16,218	19.78	21,929	123,883	565.00	50,760	29,594	58.32	153,152	153,152	100.00	153,152	153,152	100.00
3	84,828	40,113	47.29	24,109	111,915	39.65	65,486	18,389	28.08	25,236	115,441	30.71	161,152	21,024	13.04	140,028	140,028	100.00	140,028	140,028	100.00
5	65,082	12,000	18.45	30,252	83,004	18.93	28,029	10,390	37.08	30,912	11,902	38.50	118,025	35,000	29.66	14,141	163,804	35.00	94,669	37.18	
1	25,041	0,501	1.99	12,212	31,830	26.09	24,089	1,189	4.94	10,281	40,849	393.11	21,319	12,840	60.24	45,061	45,061	100.00	45,061	45,061	100.00
100%	248,122	63,881	25.74	512,684	480,000	93.62	358,588	80,894	22.56	308,282	411,041	133.33	612,422	121,084	19.77	400,151	410,512	99.99	400,151	410,512	99.99
2	13,023	0,319	2.45	65,720	87,138	13.00	62,814	9,101	14.50	49,002	82,182	167.71	120,481	18,549	15.39	82,182	82,182	100.00	82,182	82,182	100.00
4	87,888	52,360	59.59	49,807	142,329	28.58	85,968	33,466	38.93	39,925	158,101	395.99	118,538	41,689	35.19	82,182	82,182	100.00	82,182	82,182	100.00
3	11,889	14,014	118.37	38,901	118,113	30.61	12,253	18,988	155.74	38,280	114,289	298.31	127,089	40,885	32.18	13,284	129,380	113.11	13,284	129,380	113.11
5	15,131	18,289	121.14	45,721	103,948	22.81	66,914	14,208	21.23	41,169	81,200	197.31	145,281	58,400	40.19	84,111	100,235	92.58	84,111	100,235	92.58
100%	317,980	107,060	33.68	184,918	427,180	23.16	343,318	67,322	19.62	325,065	487,469	151.50	607,000	125,022	20.26	44,881	607,000	100.00	44,881	607,000	100.00

S.N.N.P.R.	1	322,504	43,645	13.53	236,960	408,048	7.34	280,800	27,565	9.82	226,772	334,827	3.31	603,303	64,237	10.65	477,398	729,208	9.58
	2	451,368	40,364	8.94	372,255	530,481	4.73	176,288	16,055	9.11	144,821	207,756	1.72	627,656	48,400	7.71	532,792	722,521	5.29
	3	482,495	45,120	9.35	394,060	570,929	5.61	120,827	15,145	12.53	91,142	150,511	2.18	603,322	52,975	8.78	499,492	707,152	6.52
	4	449,800	36,019	8.01	379,202	520,398	3.78	85,769	10,919	12.73	64,369	107,170	1.58	535,569	40,537	7.57	456,116	615,023	4.17
	5	395,250	36,684	9.28	323,350	467,150	4.36	53,070	8,134	15.33	37,127	69,012	1.4	448,319	39,040	8.71	371,801	524,838	4.45
	Total	2,101,416	142,380	6.78	1,822,352	2,380,480	41.76	716,754	48,800	6.81	621,106	812,402	4.91	2,818,170	179,123	6.36	2,467,089	3,169,251	*****
Harari	1	1,707	365	21.4	991	2,423	1.36	3,708	581	15.67	2,569	4,848	1.67	5,416	764	14.1	3,919	6,913	2.07
	2	3,510	562	16	2,410	4,611	1.64	1,738	298	17.15	1,154	2,323	0.89	5,249	680	12.96	3,915	6,582	1.69
	3	3,902	669	17.15	2,590	5,214	2.11	2,608	447	17.15	1,731	3,484	1.36	6,510	845	12.98	4,854	8,165	2.18
	4	5,520	694	12.57	4,160	6,881	1.68	1,268	312	24.59	657	1,880	1.31	6,789	703	10.36	5,411	8,167	1.46
	5	11,912	1,385	11.62	9,199	14,626	3.83	3,485	561	16.1	2,385	4,585	1.65	15,397	1,465	9.52	12,525	18,269	3.8
	Total	26,553	1,661	6.25	23,297	29,808	5.3	12,808	1,456	11.37	9,953	15,662	4.07	39,360	2,015	5.12	35,410	43,310	*****
Addis Ababa	1	30,483	2,780	9.12	25,035	35,931	1.89	40,655	3,057	7.52	34,664	46,646	1.76	71,138	4,761	6.69	61,807	80,469	2.61
	2	36,299	2,800	7.71	30,811	41,787	1.64	29,590	2,264	7.65	25,153	34,026	1.29	65,889	3,633	5.51	58,768	73,010	1.62
	3	47,509	3,187	6.71	41,262	53,756	1.66	26,847	2,203	8.2	22,530	31,164	1.34	74,356	4,120	5.54	66,282	82,431	1.88
	4	55,624	3,447	6.2	48,868	62,379	1.69	33,829	2,640	7.8	28,655	39,003	1.55	89,453	4,306	4.81	81,014	97,892	1.78
	5	134,265	6,461	4.81	121,601	146,929	3	58,340	4,047	6.94	50,409	66,271	2.23	192,605	8,512	4.42	175,921	209,289	4.33
	Total	304,180	10,804	3.55	283,004	325,356	7.02	189,261	7,253	3.83	175,046	203,477	3.16	493,441	14,063	2.85	465,878	521,004	*****
Dire Dawa	1	5,366	682	12.71	4,029	6,702	1.04	6,661	1,025	15.38	4,653	8,670	1.94	12,027	1,351	11.24	9,379	14,676	2.07
	2	7,091	987	13.92	5,156	9,025	1.7	3,751	695	18.53	2,389	5,113	1.5	10,841	1,204	11.1	8,482	13,200	1.78
	3	9,342	1,694	18.14	6,021	12,662	3.97	3,709	852	22.96	2,039	5,378	2.28	13,050	2,186	16.75	8,765	17,335	5.09
	4	7,957	1,315	16.52	5,380	10,534	2.73	4,216	974	23.1	2,307	6,125	2.65	12,173	1,951	16.03	8,349	15,997	4.27
	5	9,760	1,306	13.39	7,200	12,321	2.28	3,987	889	22.3	2,244	5,730	2.32	13,748	1,944	14.14	9,937	17,558	3.88
	Total	39,515	3,386	8.57	32,880	46,151	8.81	22,324	3,114	13.95	16,220	28,428	7.45	61,840	5,532	8.95	50,996	72,683	*****

Region	Sub-Region	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total

Table 3 Standard Errors and Coefficient of Variations of Population Estimates by Gender, Household Expenditure Quintile and Regions, Rural + Urban ; 2004/5

Region	HH Size	Gender of Household Members																	
		Male						Female						Total					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
					Lower	Upper					Lower	Upper					Lower	Upper	
Country	1	3,461,174	199,876	5.77	3,069,416	3,852,931	18.77	4,564,105	225,946	4.95	4,121,251	5,006,959	18.5	8,025,279	416,579	5.19	7,208,784	8,841,773	38.01
	2	5,383,170	248,843	4.62	4,895,439	5,870,901	19.31	5,907,371	264,207	4.47	5,389,525	6,425,216	20	11,290,541	502,948	4.45	10,304,762	12,276,319	41.79
	3	6,482,812	304,065	4.69	5,886,845	7,078,780	24.4	6,583,646	309,069	4.69	5,977,871	7,189,422	24.9	13,066,459	604,624	4.63	11,881,396	14,251,522	53.99
	4	7,660,207	355,191	4.64	6,964,032	8,356,361	28.76	7,307,237	328,376	4.49	6,663,621	7,950,854	25.6	14,967,444	674,820	4.51	13,644,796	16,290,091	60.97
	5	8,738,214	448,282	5.13	7,859,582	9,616,846	40.94	8,394,498	405,830	4.83	7,599,070	9,189,926	34.7	17,132,712	843,600	4.92	15,479,256	18,786,168	87.05
Total	31,725,577	1,179,973	3.72	29,412,830	34,038,323	132.9	32,756,858	1,178,697	3.6	30,446,611	35,067,104	133	64,482,434	2,345,060	3.64	59,886,117	69,078,752	*****	
Tigray	1	276,695	31,607	11.42	214,746	338,644	7	401,206	40,010	9.97	322,786	479,626	8	677,901	67,954	10.02	544,711	811,091	14.73
	2	428,246	49,941	11.66	330,363	526,130	11.75	436,989	45,048	10.31	348,694	525,284	9.39	865,235	92,384	10.68	694,162	1,046,308	22.54
	3	438,579	56,386	12.86	328,063	549,094	14.67	442,426	53,979	12.2	336,627	548,225	13.3	881,005	108,335	12.3	668,669	1,093,341	30.59
	4	438,906	60,740	13.84	319,856	557,957	17.01	395,180	52,737	13.35	291,815	498,544	14.1	834,086	111,080	13.32	616,368	1,051,804	33.49
	5	450,284	61,658	13.69	329,434	571,133	17.14	458,600	64,137	13.99	332,892	584,309	18.3	908,884	123,383	13.58	667,052	1,150,716	38.79
Total	2,032,710	175,216	8.62	1,689,286	2,376,134	53.4	2,134,401	173,921	8.15	1,793,516	2,475,285	52.6	4,167,111	345,699	8.3	3,489,540	4,844,681	*****	
Affar	1	10,928	2,062	18.87	6,884	14,968	7.46	12,645	2,518	19.91	7,710	17,581	9.68	23,571	4,494	19.07	14,763	32,380	17.45
	2	18,142	3,340	18.41	11,596	24,689	12.19	17,399	3,380	19.43	10,774	24,024	13	35,542	6,602	18.58	22,601	48,482	26.55
	3	26,420	5,499	20.81	15,642	37,198	23.64	25,111	5,578	22.21	14,179	36,043	25.4	51,531	10,938	21.23	30,093	72,969	54.89
	4	26,082	6,006	23.03	14,309	37,855	28.52	25,068	5,741	22.9	13,815	36,320	27	51,149	11,683	22.84	28,250	74,049	62.95
	5	33,234	7,581	22.81	18,375	48,092	36.98	29,968	6,140	20.49	17,932	42,003	26.5	63,201	13,620	21.55	36,505	89,897	74.4
Total	114,804	21,322	18.57	73,013	156,595	147.4	110,191	20,387	18.5	70,232	150,150	135	224,994	41,586	18.48	143,485	306,503	*****	
Amhara	1	1,367,059	130,843	9.57	1,110,607	1,623,511	13.93	1,865,202	146,185	7.84	1,578,679	2,151,724	13.2	3,232,260	269,680	8.34	2,703,687	3,760,834	28.51
	2	1,721,114	141,001	8.19	1,444,753	1,997,475	13.16	1,795,872	139,058	7.74	1,523,319	2,068,425	12.3	3,516,986	273,672	7.78	2,980,589	4,053,383	27.57
	3	1,799,299	134,342	7.47	1,535,988	2,062,610	11.49	1,705,133	121,509	7.13	1,466,976	1,943,290	9.85	3,504,432	250,528	7.15	3,013,397	3,995,466	23.17
	4	1,712,974	145,658	8.5	1,427,484	1,998,463	14.1	1,636,776	132,637	8.1	1,376,808	1,896,744	12.2	3,349,750	274,509	8.19	2,811,712	3,887,788	28.76
	5	1,567,883	134,717	8.59	1,303,837	1,831,928	13.05	1,486,842	118,224	7.95	1,255,124	1,718,561	10.5	3,054,725	246,339	8.06	2,571,900	3,537,560	24.85
Total	8,168,328	487,598	5.97	7,212,636	9,124,021	58.33	8,489,825	478,852	5.64	7,551,275	9,428,375	56.3	16,658,153	958,814	5.76	14,778,877	18,537,429	*****	
Oromiya	1	778,301	102,009	13.11	578,363	978,240	12	1,024,084	121,581	11.87	785,785	1,262,384	13.1	1,602,385	219,709	12.19	1,371,757	2,233,014	25.06
	2	1,621,667	162,999	10.05	1,302,188	1,941,145	15.22	1,922,119	186,389	9.7	1,556,796	2,287,442	17	3,543,786	343,734	9.7	2,870,067	4,217,505	33.66
	3	2,398,350	228,094	9.51	1,951,285	2,845,414	20.82	2,551,328	242,708	9.51	2,075,620	3,027,037	22.3	4,949,678	465,850	9.41	4,036,612	5,862,744	47.26
	4	3,451,519	291,876	8.46	2,879,443	4,023,596	24.81	3,292,582	269,812	8.19	2,763,751	3,821,413	22.1	6,744,101	555,648	8.24	5,655,031	7,833,171	54.03
	5	4,493,781	401,409	8.93	3,707,020	5,280,542	37.82	4,121,827	359,305	8.72	3,417,590	4,826,063	32.5	8,615,608	753,315	8.74	7,139,110	10,092,106	86.28
Total	12,743,618	968,477	7.6	10,845,403	14,641,833	127.2	12,911,940	965,862	7.48	11,018,850	14,805,030	127	25,655,559	1,925,775	7.51	21,881,040	29,430,077	*****	
Somali	1	31,290	6,056	19.36	19,419	43,160	10.39	34,279	6,233	18.18	22,062	46,496	10.1	65,569	12,035	18.35	41,981	89,157	20.68
	2	72,737	15,398	21.17	42,557	102,918	30.87	69,814	14,309	20.5	41,768	97,860	27.6	142,551	29,480	20.68	84,771	200,332	65.29
	3	77,986	21,014	26.95	36,800	119,173	54.1	75,622	19,866	26.27	36,686	114,559	49.7	153,609	40,652	26.46	73,931	233,286	117.7
	4	93,569	25,390	27.13	43,805	143,333	67.59	82,669	22,468	27.18	38,632	126,707	58.8	176,239	47,683	27.06	82,780	269,697	147.5
	5	72,553	10,318	14.22	52,330	92,776	13.89	65,914	9,107	13.82	48,065	83,763	11.8	138,467	19,258	13.91	100,721	176,213	28.47
Total	348,135	67,587	19.41	215,664	480,606	228.5	328,299	60,584	18.45	209,555	447,044	184	676,435	127,994	18.92	425,567	927,303	*****	
Benshangul-gum:	1	25,647	6,261	24.41	13,375	37,920	9.99	31,666	7,795	24.62	16,367	46,945	12.7	57,314	13,949	24.34	29,974	84,653	23.19
	2	62,065	13,030	20.99	36,525	87,604	18.82	56,958	10,380	18.22	36,613	77,303	12.9	119,022	22,899	19.24	74,141	163,904	32.99
	3	84,839	16,772	19.82	51,766	117,512	23.62	82,486	15,286	18.53	52,525	112,447	20.1	167,125	31,834	19.05	104,730	229,520	49.09
	4	105,996	20,757	19.58	65,312	146,681	29.84	95,609	19,518	20.41	57,354	133,863	28.8	201,605	39,864	19.77	123,471	279,739	67.75
	5	110,704	24,792	22.4	62,111	159,297	41.05	105,243	20,595	19.57	64,877	145,609	29.6	215,947	44,981	20.83	127,783	304,110	82.65
Total	389,051	63,856	16.41	263,894	514,208	135.5	371,961	57,714	15.52	258,842	465,081	111	761,013	120,921	15.89	524,007	998,018	*****	
S.N.N.P.R.	1	854,618	106,201	12.43	646,464	1,062,772	15.3	1,044,771	114,436	10.95	820,478	1,269,065	14.8	1,899,369	217,399	11.45	1,473,287	2,325,492	31.45
	2	1,294,539	111,688	8.63	1,075,631	1,513,448	11.57	1,427,514	115,146	8.07	1,201,824	1,653,204	11.3	2,722,054	222,672	8.18	2,285,617	3,158,490	24.78
	3	1,453,327	135,294	9.31	1,188,150	1,718,504	15.33	1,473,067	134,568	9.14	1,209,313	1,736,820	15	2,926,394	265,865	9.09	2,405,298	3,447,489	33.5
	4	1,561,472	121,438	7.78	1,323,454	1,799,489	11.6	1,484,407	116,207	7.83	1,258,642	1,712,172	11.1	3,045,879	232,670	7.64	2,589,845	3,501,912	24.93
	5	1,428,390	128,074	8.97	1,177,365	1,679,415	13.94	1,438,096	126,637	8.81	1,189,888	1,686,304	13.6	2,866,486	250,206	8.73	2,376,082	3,358,891	30.12
Total	6,592,346	418,415	6.35	5,772,253	7,412,440	56.49	6,867,856	432,991	6.3	6,019,193	7,716,519	60.5	13,460,202	843,776	6.27	11,806,400	15,114,003	*****	

3	354,046	58,220	8,281	505,432	318,812	2,748	58,717	10,49	558,749	241,102	9,10	870,432	87,008	376,004	1,243,179
4	324,046	58,220	8,281	505,432	318,812	2,748	58,717	10,49	558,749	241,102	9,10	870,432	87,008	376,004	1,243,179
1	324,046	58,220	8,281	505,432	318,812	2,748	58,717	10,49	558,749	241,102	9,10	870,432	87,008	376,004	1,243,179
100%	441,218	57,043	13,0	38,333	488,830	48,000	112,214	34,610	51,0	38,837	184,501	89,1	333,840	48,000	350,800
2	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
3	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
4	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
5	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
100%	450,148	58,884	33,44	81,301	113,688	82,13	155,143	58,442	33,38	88,480	111,938	86,2	345,335	83,838	34,08
2	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
3	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
4	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
5	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
100%	150,148	58,884	33,44	81,301	113,688	82,13	155,143	58,442	33,38	88,480	111,938	86,2	345,335	83,838	34,08
2	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
3	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
4	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
5	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
100%	150,148	58,884	33,44	81,301	113,688	82,13	155,143	58,442	33,38	88,480	111,938	86,2	345,335	83,838	34,08
2	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
3	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
4	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
5	32,388	2,424	34,81	14,818	32,843	9,42	38,301	11,413	38,83	1,073	84,180	35,1	24,921	18,056	30,45
100%	150,148	58,884	33,44	81,301	113,688	82,13	155,143	58,442	33,38	88,480	111,938	86,2	345,335	83,838	34,08

Harari	1	6,064	1,171	19.32	3,768	8,360	3.95	7,677	1,302	16.97	5,124	10,229	3.9	13,741	2,363	17.2	9,109	18,373	7.45
	2	9,103	1,257	13.81	6,639	11,568	3.09	9,801	1,254	12.79	7,344	12,259	2.87	18,905	2,387	12.63	14,227	23,583	5.71
	3	13,885	2,177	15.68	9,619	18,152	6.26	13,693	1,999	14.6	9,774	17,612	5.35	27,578	4,020	14.58	19,699	35,457	11.79
	4	15,520	1,855	11.95	11,685	19,156	4.11	15,392	1,910	12.41	11,648	19,136	4.39	30,912	3,638	11.77	23,781	38,044	8.82
	5	39,081	4,616	11.81	30,034	48,129	11.94	39,316	4,280	10.89	30,926	47,706	10.2	78,397	8,714	11.12	61,317	95,477	30.35
	Total	83,654	5,385	6.44	73,099	94,209	11.53	85,879	5,115	5.96	75,854	95,903	10.4	169,533	10,187	6.01	149,566	189,500	*****
Addis Ababa	1	96,529	7,680	7.96	81,476	111,581	4.49	123,605	9,146	7.4	105,680	141,531	5.03	220,134	16,102	7.31	188,574	251,694	9.14
	2	135,305	8,725	6.45	118,205	152,405	4.2	150,192	10,237	6.82	130,128	170,257	5.25	285,497	17,734	6.21	250,739	320,255	8.81
	3	159,180	10,196	6.41	139,196	179,164	4.93	182,596	11,116	6.09	160,809	204,382	5.16	341,776	20,347	5.95	301,895	381,656	9.94
	4	225,660	13,058	5.79	200,066	251,254	5.88	248,433	14,076	5.67	220,844	276,021	6.27	474,093	25,878	5.46	423,372	524,813	12.38
	5	505,562	24,872	4.92	456,812	554,312	10.9	612,704	28,928	4.72	556,005	669,403	12.9	1,118,266	52,614	4.7	1,015,143	1,221,389	32.26
	Total	1,122,235	37,307	3.32	1,049,113	1,195,357	16.21	1,317,530	38,753	2.94	1,241,575	1,393,485	17.5	2,439,765	74,069	3.04	2,294,589	2,584,941	*****
Dire Dawa	1	14,044	1,892	13.47	10,335	17,753	3.01	18,969	2,496	13.16	14,076	23,862	3.96	33,013	4,088	12.38	25,000	41,026	6.46
	2	20,251	2,552	12.6	15,250	25,252	3.89	20,712	2,189	10.57	16,420	25,003	2.81	40,963	4,591	11.21	31,965	49,960	6.8
	3	31,148	5,424	17.41	20,516	41,779	11.96	32,185	5,912	18.37	20,598	43,772	13.8	63,333	11,236	17.74	41,311	85,354	29.18
	4	28,508	4,678	16.41	19,339	37,677	9.62	31,122	4,675	15.02	21,958	40,286	8.9	59,630	9,120	15.29	41,755	77,505	20.06
	5	36,743	5,834	15.88	25,308	48,179	12.02	35,987	5,889	16.36	24,444	47,531	12.5	72,731	11,349	15.6	50,486	94,975	27.17
	Total	130,694	12,544	9.6	106,108	155,260	26.17	138,975	13,224	9.52	113,056	164,895	29.1	289,670	25,364	9.41	219,956	319,384	*****

1	10,000	1,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00
2	10,000	1,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00
3	10,000	1,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00
4	10,000	1,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00
5	10,000	1,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00
100%	10,000	1,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00	10,000	10,000	10.00

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Table 5 Standard Errors and Coefficient of Variations of Estimates of Income Contributed Household Members by Expenditure Quintile, Gender and Regions, Rural + Urban - 2004/5

Region	Exp. Quin	Gender of Household Members																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
			Lower	Upper					Lower	Upper					Lower	Upper				
Country	1	1,041,318	82,855	6.04	918,122	1,164,514	7.77	1,540,160	88,091	5.72	1,367,501	1,712,819	10.7	2,581,478	138,841	5.38	2,309,350	2,853,607	17.24	
	2	1,403,138	70,605	5.03	1,264,753	1,541,523	7.47	1,420,637	77,068	5.42	1,269,584	1,571,691	8.81	2,823,776	132,369	4.69	2,564,333	3,083,219	14.62	
	3	1,609,702	83,386	5.18	1,446,265	1,773,139	9.23	1,352,611	82,888	6.13	1,190,151	1,515,070	10.6	2,962,313	154,679	5.22	2,659,141	3,265,485	19.25	
	4	1,583,315	82,393	5.2	1,421,825	1,744,805	9.14	1,285,261	74,688	5.81	1,138,872	1,431,649	9.05	2,868,576	142,412	4.96	2,589,449	3,147,702	16.72	
	5	1,931,888	110,481	5.72	1,715,345	2,148,431	13.84	1,514,102	92,356	6.1	1,333,083	1,695,120	12	3,445,990	188,253	5.46	3,077,014	3,814,966	25.57	
	Total	7,569,362	301,029	3.98	6,979,344	8,159,379	47.01	7,112,770	299,976	4.22	6,524,817	7,700,724	46.7	14,682,132	569,633	3.88	13,565,652	15,798,612	*****	
Tigray	1	92,332	11,783	12.76	69,238	115,426	3.11	140,816	18,398	13.06	104,757	176,875	5.21	233,148	26,412	11.33	181,380	284,916	7.15	
	2	126,923	16,703	13.16	94,185	159,662	4.7	101,758	13,181	12.95	75,923	127,593	3.56	228,681	26,484	11.58	176,771	280,590	7.3	
	3	129,253	17,495	13.54	94,963	163,542	5.07	96,310	14,670	15.23	67,556	125,063	4.63	225,563	30,770	13.64	165,253	285,872	9.95	
	4	125,230	21,173	16.91	83,730	166,729	7.64	83,099	13,597	16.36	56,450	109,748	4.55	208,329	33,545	16.1	142,581	274,077	12.57	
	5	125,916	19,843	15.76	87,025	164,808	6.67	103,600	16,897	16.31	70,482	136,719	5.75	229,516	34,825	15.17	161,259	297,774	12.58	
	Total	599,654	57,519	9.59	486,916	712,392	22.39	525,583	51,860	9.87	423,937	627,229	18.2	1,125,237	105,676	9.39	918,111	1,332,363	*****	
Affar	1	4,855	1,008	20.75	2,880	6,830	4.16	4,525	896	19.81	2,768	6,282	3.51	9,380	1,757	18.73	5,936	12,824	7.06	
	2	7,745	1,402	18.11	4,996	10,494	5.3	5,032	1,156	22.96	2,767	7,297	5.29	12,777	2,379	18.62	8,114	17,440	10.09	
	3	8,993	1,784	19.83	5,498	12,489	7.53	4,901	1,346	27.46	2,263	7,539	7.36	13,895	2,996	21.56	8,023	19,766	15.02	
	4	9,367	2,116	22.59	5,219	13,515	10.25	6,339	1,974	31.14	2,470	10,208	12.5	15,706	3,745	23.85	8,365	23,047	21.5	
	5	9,921	2,255	22.73	5,502	14,340	11.09	5,621	1,721	30.62	2,247	8,994	10.6	15,542	3,533	22.73	8,617	22,467	19.27	
	Total	40,881	7,104	17.38	26,957	54,805	58.04	26,418	6,042	22.87	14,575	38,260	4.21	67,299	12,609	18.74	42,585	92,013	*****	
Amhara	1	408,568	44,089	10.79	322,154	494,982	6.09	723,432	68,014	9.4	590,125	856,739	8.91	1,131,999	102,987	9.1	930,145	1,333,853	14.73	
	2	431,238	39,859	9.24	353,113	509,362	4.75	496,207	48,596	9.79	400,960	591,455	6.24	927,445	79,028	8.52	772,550	1,082,340	9.95	
	3	460,000	39,801	8.65	381,991	538,009	4.47	399,112	43,682	10.94	313,495	484,728	6.11	859,112	74,630	8.69	712,836	1,005,387	9.39	
	4	402,166	38,877	9.67	325,968	478,365	4.81	333,826	39,533	11.84	256,341	411,311	5.88	735,992	70,294	9.55	598,215	873,769	9.39	
	5	353,151	36,453	10.32	281,703	424,598	4.75	310,044	34,270	11.05	242,874	377,213	4.73	663,194	63,895	9.63	537,959	788,429	8.43	
	Total	2,055,122	140,200	6.82	1,780,331	2,329,913	21.17	2,262,620	175,429	7.75	1,918,778	2,606,462	33.1	4,317,742	294,799	6.83	3,739,936	4,895,549	*****	
Oromiya	1	231,574	32,568	14.06	167,742	295,407	5.06	309,034	41,019	13.27	228,636	389,432	6.11	540,608	68,169	12.61	406,997	674,220	10.14	
	2	391,347	46,930	11.99	299,365	483,329	6.43	427,003	49,269	11.54	330,435	523,571	6.54	818,351	85,844	10.49	650,096	986,605	11.3	
	3	551,065	62,786	11.39	428,004	674,126	8.45	510,359	62,026	12.15	388,788	631,930	8.83	1,061,423	117,990	11.12	830,163	1,292,684	17.44	
	4	617,489	62,220	10.08	495,538	739,440	7.52	549,888	57,290	10.42	437,599	662,177	7.05	1,167,377	109,325	9.37	953,100	1,381,655	13.98	
	5	877,316	95,972	10.94	689,211	1,065,420	13.36	674,708	77,412	11.47	522,981	826,435	10.8	1,552,023	161,549	10.41	1,235,387	1,868,659	25.42	
	Total	2,668,791	236,777	8.87	2,204,707	3,132,874	46.1	2,470,992	215,555	8.72	2,048,505	2,893,479	38.2	5,139,783	433,708	8.44	4,289,715	5,989,850	*****	
Somali	1	10,080	2,420	24.01	5,337	14,823	4.48	16,395	3,169	19.33	10,184	22,606	4.86	26,474	5,076	19.17	16,525	36,424	8.08	
	2	31,271	7,358	23.53	16,849	45,693	14.7	27,237	6,976	25.61	13,564	40,910	14.9	58,508	13,702	23.42	31,652	85,364	31.27	
	3	27,790	10,623	38.23	6,969	48,611	33.9	29,183	9,218	31.59	11,116	47,250	24.5	56,973	18,265	32.06	21,173	92,774	56.59	
	4	25,554	5,201	20.35	15,361	35,747	8.75	27,453	7,974	29.05	11,824	43,082	19.3	53,007	12,634	23.83	28,244	77,769	28.49	
	5	25,455	5,641	22.16	14,400	36,511	10.32	21,875	5,978	27.33	10,157	33,593	13.3	47,330	11,359	24	25,067	69,593	25.04	
	Total	120,149	26,964	22.44	67,301	172,998	88.73	122,143	28,415	23.26	66,450	177,836	98.5	242,292	52,938	21.85	138,534	346,050	*****	
Benshangul-gum:	1	9,988	2,932	29.36	4,241	15,736	5.8	15,322	5,638	36.8	4,271	26,373	14.3	25,310	8,359	33.03	8,927	41,693	19.97	
	2	24,007	5,351	22.29	13,519	34,495	8.57	21,639	5,157	23.83	11,532	31,746	8.73	45,646	10,068	22.06	25,913	65,379	17.81	
	3	28,566	6,959	24.36	14,927	42,205	12.46	23,419	4,693	20.04	14,220	32,618	6.74	51,985	11,258	21.66	29,918	74,051	20.24	
	4	29,751	6,599	22.18	16,817	42,685	10.82	25,600	5,817	22.72	14,199	37,002	9.57	55,351	12,182	22.01	31,474	79,229	22.68	
	5	25,266	5,434	21.51	14,616	35,917	8.45	29,391	11,413	38.83	7,022	51,760	32.7	54,657	16,626	30.42	22,070	87,244	42.61	
	Total	117,578	21,047	17.9	76,327	158,830	49.05	115,371	24,916	21.6	66,535	164,207	68.7	232,949	44,673	19.18	145,391	320,508	*****	
S.N.N.P.R.	1	233,706	27,875	11.93	179,070	288,342	4.4	271,083	32,427	11.96	207,526	334,640	5.22	504,789	56,328	11.16	394,386	615,192	9.4	
	2	324,049	28,533	8.81	268,125	379,973	3.46	286,432	29,762	10.39	228,098	344,765	4.19	610,481	53,508	8.76	505,604	715,357	7.39	
	3	322,451	30,395	9.43	262,877	382,024	3.94	226,845	27,723	12.22	172,508	281,183	4.47	549,296	54,152	9.86	443,158	655,434	8.16	
	4	276,286	29,173	10.56	219,107	333,466	4.15	183,844	20,525	11.16	143,615	224,073	2.97	460,131	43,013	9.35	375,826	544,436	5.89	
	5	288,118	33,221	11.53	223,005	353,230	5.19	176,026	28,399	16.13	120,363	231,689	5.92	464,144	57,165	12.32	352,099	576,186	10.33	
	Total	1,444,610	100,352	6.95	1,247,921	1,641,299	18.99	1,144,229	91,270	7.98	965,341	1,323,118	15.7	2,588,839	179,908	6.95	2,236,219	2,941,460	*****	

Harari

Addis Ababa

Dire Dawa

Region	Year	1	2	3	4	5	Total	1	2	3	4	5	Total	1	2	3	4	5	Total
Harari	1	1,794	406	22.63	998	2,589	1.56	3,814	636	16.68	2,568	5,061	1.89	5,608	932	16.62	3,782	7,434	2.87
	2	3,451	554	16.04	2,366	4,536	1.57	3,251	490	15.08	2,290	4,212	1.3	6,702	951	14.19	4,838	8,566	2.57
	3	4,056	765	18.86	2,557	5,554	2.58	3,124	466	14.93	2,210	4,038	1.22	7,180	1,017	14.16	5,187	9,172	2.78
	4	4,721	599	12.68	3,548	5,894	1.38	3,356	536	15.96	2,306	4,405	1.51	8,077	945	11.7	6,225	9,929	2.18
	5	10,406	1,355	13.03	7,749	13,062	3.7	10,076	1,419	14.08	7,295	12,857	4.15	20,482	2,598	12.69	15,389	25,574	9.42
Total		24,427	2,216	9.07	20,083	28,771	6.71	23,621	1,933	8.18	19,832	27,410	5.1	48,048	3,829	7.97	40,543	55,553	*****
Addis Ababa	1	41,925	3,588	8.56	34,893	48,957	2.24	46,526	4,001	8.6	38,684	54,369	2.53	88,451	6,798	7.69	75,127	101,776	4.06
	2	53,634	3,693	6.88	46,397	60,872	1.88	44,243	3,566	8.06	37,254	51,232	2.11	97,877	6,380	6.52	85,373	110,381	3.27
	3	64,034	4,665	7.29	54,891	73,178	2.55	47,390	3,553	7.5	40,425	54,354	1.96	111,424	6,833	6.13	98,031	124,816	3.36
	4	80,321	4,872	6.07	70,773	89,870	2.27	60,673	4,432	7.3	51,987	69,360	2.42	140,995	8,085	5.73	125,148	156,841	3.88
	5	203,525	9,598	4.72	184,713	222,338	4.18	172,301	9,638	5.59	153,411	191,190	4.74	375,826	17,980	4.78	340,585	411,068	11.06
Total		443,440	15,017	3.39	414,007	472,873	7.73	371,133	13,913	3.75	343,863	398,403	6.64	814,573	26,597	3.27	762,442	866,703	*****
Dire Dawa	1	6,496	1,015	15.62	4,508	8,485	2.05	9,213	1,376	14.93	6,516	11,910	2.73	15,709	2,031	12.93	11,729	19,690	3.74
	2	9,474	1,334	14.06	6,859	12,088	2.5	7,835	920	11.74	6,031	9,639	1.42	17,309	2,049	11.84	13,293	21,324	3.52
	3	13,495	3,024	22.41	7,567	19,422	9.43	11,969	2,892	24.16	6,301	17,637	9.56	25,464	5,753	22.59	14,188	36,739	20.79
	4	12,429	2,504	20.15	7,521	17,338	6.94	11,182	2,198	19.66	6,873	15,491	5.86	23,612	4,440	18.8	14,910	32,313	13.05
	5	12,814	1,783	13.92	9,319	16,310	3.43	10,461	1,570	15	7,385	13,537	3.17	23,275	3,065	13.17	17,268	29,283	6.28
Total		54,708	5,598	10.23	43,736	65,681	14.45	50,660	5,436	10.73	40,006	61,314	13.6	105,368	10,557	10.02	84,676	126,061	*****

TABLE 5. REGIONAL LEVELS AND COMPOSITION OF EXPENDITURE OF THE ECONOMY OF ETHIOPIA: 1980-81 TO 1984-85

Table 6 Standard Errors and Coefficient of Variations of the Estimates of Literacy Status of Population Aged 5 Years and Above by Expenditure Quintile and Regions, Rural + Urban - 2004/5

Region	Exp. Quin	Literacy Status																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Country	1	1,476,913	70,872	4.8	1,338,005	1,615,822	5.59	5,177,194	293,990	5.68	4,600,973	5,753,415	29.5	11,572	6,449	55.73	-1,068	24,213	5.75	2	2,344,170	113,848	4.86	2,121,028	2,567,313	9.24	6,851,604	331,712	4.84	6,201,449	7,501,759	29.4	5,827	2,939	50.44	67	11,587	2.37	3	3,141,248	140,480	4.47	2,865,907	3,418,588	10.67	7,542,502	382,323	5.07	6,793,148	8,291,856	36.1	6,234	2,729	43.78	885	11,583	1.91	4	4,008,918	178,544	4.45	3,658,972	4,358,864	13.74	8,370,635	414,061	4.95	7,559,075	9,182,195	38.8	16,247	8,295	51.05	-10	32,505	6.77	5	6,254,825	254,043	4.06	5,756,902	6,752,749	18.67	8,368,401	501,547	5.99	7,385,370	9,351,433	57	6,368	2,679	42.07	1,117	11,620	1.8	Total	17,226,074	553,239	3.21	16,141,725	18,310,424	41.86	36,310,337	1,470,151	4.05	33,428,840	39,191,833	295	46,248	11,682	25.26	23,352	69,144	4.72	Tigray	1	171,046	17,407	10.18	136,928	205,165	3.43	394,756	43,646	11.06	309,210	480,302	10	2,589	1,878	72.54	-1,092	6,270	2.51	2	224,264	26,268	11.71	172,779	275,749	6.05	493,820	58,562	11.86	379,039	608,601	14.9	1,484	1,041	70.14	-556	3,525	1.34	3	256,741	31,131	12.13	195,725	317,757	7.5	463,032	64,746	13.98	336,131	589,934	19.2	0	0	*****	0	0	*****	4	285,040	40,591	14.24	205,482	364,597	11.59	422,424	62,374	14.77	300,171	544,677	19.3	1,173	1,010	86.17	-808	3,153	1.6	5	369,496	48,489	13.12	274,457	464,536	13.1	403,773	68,614	16.99	269,288	538,257	24.3	128	128	100	-123	380	0.24	Total	1,306,587	106,390	8.14	1,098,062	1,515,112	25.49	2,177,805	208,377	9.57	1,769,386	2,586,224	97.6	5,374	2,370	44.09	730	10,018	1.93	Affar	1	5,480	1,273	23.23	2,985	7,975	5.56	15,407	3,657	23.74	8,239	22,576	17.2	14	14	100	-13	41	0.25	2	8,230	1,236	15.01	5,809	10,652	3.54	21,989	5,231	23.79	11,737	32,242	25.7	0	0	*****	0	0	*****	3	11,570	1,714	14.82	8,210	14,930	4.94	32,324	8,419	26.04	15,823	48,824	48.1	247	247	100	-237	732	4.53	4	14,404	2,189	15.2	10,113	18,696	6.57	29,696	9,288	31.28	11,492	47,900	62.7	62	50	80.82	-36	160	0.74	5	22,879	5,547	24.25	12,006	33,752	27.88	31,874	8,543	26.8	15,130	48,619	50.1	122	81	66.3	-37	281	0.98	Total	62,564	8,665	13.85	45,579	79,548	32.37	131,291	32,267	24.58	68,047	194,535	447	446	266	59.6	-194	966	2.9	Amhara	1	510,660	46,401	9.09	419,715	601,606	4.6	2,215,572	195,414	8.82	1,832,561	2,598,583	21.5	5,887	5,887	100	-5,651	17,425	6.19	2	685,442	61,997	9.04	563,928	806,957	6.2	2,230,236	187,019	8.39	1,863,679	2,596,793	19.6	90	90	100	-87	268	0.1	3	705,133	53,099	7.53	601,059	809,207	4.43	2,232,372	176,719	7.92	1,886,002	2,578,742	17.5	320	320	100	-307	946	0.34	4	703,252	62,027	8.82	581,680	824,824	6.06	2,118,868	189,256	8.93	1,747,926	2,489,810	20.9	0	0	*****	0	0	*****	5	1,009,256	74,264	7.36	863,698	1,154,814	6.19	1,631,202	158,078	9.69	1,321,370	1,941,035	18.2	0	0	*****	0	0	*****	Total	3,613,744	179,663	4.97	3,261,604	3,965,883	12.65	10,428,250	675,096	6.47	9,105,062	11,751,438	178	6,297	5,896	93.64	-5,260	17,854	5.81	Oromiya	1	354,392	39,873	11.25	276,241	432,543	4.11	1,113,334	143,427	12.88	832,216	1,394,451	17.6	222	172	77.64	-116	559	0.12	2	694,900	81,477	11.73	535,205	854,594	8.89	2,168,107	216,075	9.97	1,744,600	2,591,614	21.6	3,873	2,740	70.75	-1,497	9,243	1.74	3	1,145,789	112,178	9.79	925,921	1,365,657	10.45	2,855,423	284,446	9.96	2,297,908	3,412,937	29.5	1,739	1,739	100	-1,669	5,146	1.56	4	1,659,454	145,742	8.78	1,373,799	1,945,108	12.51	3,773,300	330,587	8.76	3,125,350	4,421,251	31.8	9,455	7,651	80.92	-5,541	24,451	5.57	5	2,600,499	212,569	8.17	2,183,863	3,017,135	17.85	4,626,060	450,782	9.74	3,742,527	5,509,593	50.7	2,095	2,095	100	-2,011	6,201	1.89	Total	6,455,033	472,031	7.31	5,529,852	7,380,215	44.84	14,536,224	1,154,918	7.95	12,272,584	16,799,863	268	17,383	8,534	49.1	655	34,110	3.77	Somali	1	5,425	1,203	22.18	3,067	7,784	2.28	49,066	9,132	18.61	31,168	66,964	15.8	70	70	100	-68	208	0.6	2	16,618	2,676	16.1	11,373	21,863	3.76	101,793	23,742	23.32	55,259	148,327	57.4	0	0	*****	0	0	*****	3	21,332	3,617	16.96	14,243	28,421	5.4	98,767	29,977	30.35	40,013	157,521	93.8	159	91	57.36	-20	338	0.44	4	32,042	4,298	13.41	23,619	40,465	5.18	114,749	39,114	34.09	38,086	191,413	142	0	0	*****	0	0	*****	5	48,728	5,413	11.11	38,119	59,337	5.58	66,936	14,913	22.28	37,706	96,165	32	141	141	100	-135	417	1.19	Total	124,146	10,013	8.07	104,521	143,770	8.81	431,311	101,510	23.54	232,352	630,270	904	370	227	61.33	-75	815	1.18	Benshangul-gum:	1	11,058	2,541	22.97	6,079	16,038	3.81	39,256	10,804	27.52	18,079	60,432	20.3	42	42	100	-40	124	0.27	2	24,209	4,307	17.79	15,767	32,651	5.11	73,248	15,943	21.77	41,999	104,497	25.1	78	78	100	-75	231	0.5	3	38,807	6,643	17.12	25,787	51,828	7.77	96,989	20,333	20.96	57,136	136,842	32.2	1,085	796	73.42	-476	2,645	3.76	4	52,242	9,399	17.99	33,820	70,664	11.81	117,808	26,528	22.52	65,812	169,804	47	246	234	95.38	-213	705	1.43	5	79,406	15,443	19.45	49,138	109,675	21.99	104,763	23,673	22.6	58,363	151,162	41	165	97	58.6	-25	355	0.36	Total	205,723	27,675	13.45	151,481	259,965	35.2	432,063	77,490	17.93	280,183	583,944	275	1,615	806	49.94	34	3,195	2.59	S.N.N.P.R.	1	263,440	28,649	10.88	207,287	319,592	3.54	1,259,828	159,746	12.68	946,725	1,572,930	25.3	2,579	1,833	71.06	-1,013	6,171	1.44	2	469,749	39,821	8.48	391,699	547,799	3.91	1,667,486	155,101	9.3	1,363,487	1,971,484	18.8	0	0	*****	0	0	*****	3	674,908	54,803	8.12	567,494	782,322	5.25	1,659,287	168,482	10.15	1,329,063	1,989,512	22.3	2,685	1,903	70.87	-1,044	6,413	1.49	4	872,396	67,700	7.76	739,705	1,005,088	6.32	1,670,092	141,649	8.48	1,392,460	1,947,723	15.7	5,249	3,030	57.74	-691	11,188	1.94	5	1,153,091	96,069	8.33	964,795	1,341,387	9.9	1,296,439	132,923	10.25	1,035,911	1,556,968	17.1	1,406	1,406	100	-1,350	4,161	1.56	Total	3,433,584	185,309	5.4	3,070,379	3,796,789	16.11	7,553,131	557,197	7.38	6,461,024	8,645,238	145	11,918	4,656	39.07	2,792	21,044	2.02

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Harari	1	6,791	1,600	23.56	3,655	9,927	6.62	5,497	1,121	20.39	3,300	7,694	3.98	0	0	0	0	0	0
	2	9,508	1,682	17.69	6,212	12,804	5.33	6,566	1,249	19.02	4,119	9,013	4.16	0	0	0	0	0	0
	3	12,726	2,030	15.95	8,747	16,706	5.94	10,507	2,193	20.87	6,209	14,804	8.26	0	0	0	0	0	0
	4	12,715	1,726	13.58	9,331	16,099	4.3	13,487	2,285	16.95	9,007	17,966	7.15	47	47	100	-45	140	0.79
	5	39,313	4,556	11.59	30,383	48,244	12.15	26,691	4,882	18.29	17,121	36,260	18.3	411	294	71.45	-165	986	3.52
Total		81,054	7,474	9.22	66,405	95,704	26.32	62,747	7,613	12.13	47,826	77,668	27.4	458	296	64.54	-121	1,038	3.2
Addis Ababa	1	135,740	11,202	8.25	113,785	157,696	6.93	66,922	5,273	7.88	56,588	77,257	3.02	103	103	100	-99	305	0.73
	2	193,558	12,495	6.46	169,068	218,049	6.21	71,138	5,325	7.48	60,702	81,574	2.9	302	180	59.75	-52	656	0.76
	3	245,910	15,418	6.27	215,691	276,130	7.64	68,307	5,356	7.84	57,810	78,804	3.05	0	0	0	0	0	0
	4	348,215	19,279	5.54	310,428	386,003	8.88	87,137	6,707	7.7	73,992	100,283	3.78	16	16	100	-15	47	0.11
	5	889,804	41,870	4.71	807,740	971,869	22.85	157,320	9,021	5.73	139,640	175,000	3.92	1,640	801	48.82	71	3,210	2.76
Total		1,813,229	56,066	3.09	1,703,339	1,923,119	61.11	450,825	17,430	3.87	416,661	484,988	5.93	2,061	819	39.72	457	3,666	2.29
Dire Dawa	1	12,880	3,013	23.39	6,974	18,785	8.22	17,556	2,264	12.9	13,118	21,994	3.48	67	67	100	-64	198	0.74
	2	17,691	2,874	16.25	12,058	23,325	5.56	17,221	2,660	15.44	12,008	22,434	4.88	0	0	0	0	0	0
	3	28,331	5,728	20.22	17,105	39,557	14.49	25,494	6,103	23.94	13,532	37,456	1.8	0	0	0	0	0	0
	4	29,157	5,877	20.15	17,639	40,675	14.88	23,075	4,034	17.48	15,169	30,981	8.61	0	0	0	0	0	0
	5	42,352	7,254	17.13	28,134	56,570	16.67	23,344	4,354	18.65	14,810	31,878	9.93	260	183	70.5	-99	618	1.42
Total		130,411	18,512	14.2	94,127	166,695	64.26	106,690	12,274	11.5	82,633	130,747	28.3	326	192	58.97	-51	704	1.25

Region	Year	Population	Area	Population Density	Urban Population	Rural Population	Urban %	Rural %	Urban Growth Rate	Rural Growth Rate	Total Growth Rate	Urban % Change	Rural % Change	Total % Change
Harari	2000	81,054	7,474	10.84	458	296	0.56	0.44	0.00	0.00	0.00	0.00	0.00	
Addis Ababa	2000	1,813,229	56,066	32.34	2,061	819	0.11	0.45	0.00	0.00	0.00	0.00	0.00	
Dire Dawa	2000	130,411	18,512	7.04	326	192	0.25	0.14	0.00	0.00	0.00	0.00	0.00	

TABLE 1. DEMOGRAPHIC TRENDS AND CHARACTERISTICS OF AFRICA'S POPULATION IN 2000. SOURCE: UNFPA, 2001. ESTIMATED WHERE NECESSARY.

Table 7 Standard Errors and Coefficient of Variations of Household Estimates by Household Size, Gender of Household Head and Regions, Rural - 2004/5

Region	HH Size	Gender of Head																	
		Male						Female						Total					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
					Lower	Upper					Lower	Upper					Lower	Upper	
Country	1	149,461	16,190	10.83	117,730	181,193	1.5	296,593	24,391	8.22	248,786	344,400	1.74	446,054	30,555	6.85	386,166	505,942	1.84
	2	640,821	40,672	6.35	561,104	720,539	2.31	580,954	38,276	6.59	505,934	655,974	2.25	1,221,775	65,726	5.38	1,092,952	1,350,598	3.35
	3	1,067,507	52,337	4.9	964,926	1,170,089	2.4	570,017	40,463	7.1	490,710	649,324	2.56	1,637,524	80,265	4.9	1,480,205	1,794,843	3.89
	4	1,466,084	75,043	5.12	1,319,001	1,613,168	3.73	448,880	31,143	6.94	387,841	509,920	1.9	1,914,964	95,469	4.99	1,727,845	2,102,083	4.85
	5	1,425,931	68,948	4.84	1,290,792	1,561,069	3.23	321,874	26,679	8.29	269,583	374,165	1.92	1,747,804	81,399	4.66	1,588,263	1,907,346	3.79
	6	1,376,023	65,427	4.75	1,247,787	1,504,259	3	186,799	18,045	9.66	151,432	222,167	1.5	1,562,822	71,363	4.57	1,422,950	1,702,695	3.2
	7	1,155,252	61,504	5.32	1,034,705	1,275,799	3.08	106,695	13,836	12.97	79,578	133,813	1.53	1,261,948	66,177	5.24	1,132,241	1,391,654	3.3
	8	657,800	43,304	6.58	572,924	742,676	2.56	41,264	8,648	20.96	24,315	58,213	1.54	699,064	44,737	6.4	611,380	786,748	2.58
	9	377,093	36,598	9.71	305,361	448,825	3.11	19,984	5,665	28.35	8,881	31,088	1.36	397,077	36,983	9.31	324,591	469,564	3.02
	10+	335,696	40,490	12.06	256,336	415,057	4.25	9,431	4,059	43.04	1,474	17,387	1.48	345,127	41,370	11.99	264,042	426,211	4.32
Total	8,651,669	361,722	4.18	7,942,693	9,360,645	55.59	2,582,491	124,185	4.81	2,339,088	2,825,894	6.55	11,234,160	465,773	4.15	10,321,245	12,147,076	*****	
Tigray	1	18,934	5,306	28.02	8,534	29,333	1.82	29,954	6,741	22.5	16,742	43,166	1.89	48,888	8,454	17.29	32,318	65,457	1.87
	2	33,110	4,592	13.87	24,111	42,110	0.8	39,203	5,909	15.06	27,642	50,805	1.12	72,334	8,175	11.3	56,310	88,357	1.23
	3	53,531	7,529	14.06	38,775	68,287	1.37	46,424	8,205	17.67	30,342	62,507	1.85	99,955	12,422	12.43	75,608	124,302	2.14
	4	78,863	9,496	12.04	60,250	97,475	1.53	35,298	6,250	17.71	23,049	47,548	1.39	114,161	13,580	11.9	87,544	140,778	2.3
	5	78,749	10,523	13.36	58,124	99,374	1.89	27,032	5,078	18.78	17,080	36,984	1.18	105,781	12,276	11.61	81,719	129,842	2
	6	91,753	12,852	14.01	66,563	116,943	2.47	12,829	2,917	22.74	7,111	18,547	0.81	104,582	12,755	12.2	79,582	129,582	2.18
	7	65,338	9,696	14.84	46,334	84,341	1.89	5,108	2,116	41.43	960	9,256	1.05	70,446	9,882	14.03	51,077	89,814	1.84
	8	52,455	8,626	16.44	35,547	69,362	1.83	3,557	1,840	51.74	-50	7,164	1.14	56,011	8,727	15.58	38,906	73,117	1.76
	9	27,480	5,553	20.21	16,596	38,364	1.39	888	888	100	-852	2,627	1.06	28,367	5,980	21.08	16,646	40,089	1.57
	10+	11,932	3,369	28.24	5,328	18,536	1.15	0	0	*****	0	0	*****	11,932	3,369	28.24	5,328	18,536	1.15
Total	512,143	44,620	8.71	424,687	599,599	16.5	200,313	24,108	12.03	153,062	247,564	4.82	712,456	59,827	8.4	595,196	829,717	*****	
Affar	1	577	192	33.29	201	954	1.04	682	261	38.22	171	1,193	1.63	1,259	338	26.85	596	1,922	1.52
	2	1,590	389	24.49	827	2,353	1.62	790	386	48.88	33	1,547	3.11	2,380	699	29.36	1,011	3,749	3.6
	3	2,869	569	19.85	1,753	3,985	2.03	714	391	54.83	-53	1,481	3.52	3,583	912	25.44	1,796	5,369	4.29
	4	3,571	1,044	29.22	1,526	5,617	5.64	818	317	38.76	196	1,439	2.02	4,389	1,250	28.48	1,939	6,839	6.83
	5	3,721	1,113	29.93	1,538	5,903	6.2	792	271	34.28	260	1,323	1.53	4,512	1,171	25.95	2,218	6,807	5.86
	6	3,341	1,034	30.96	1,313	5,368	5.86	553	226	40.87	110	997	1.51	3,894	1,176	30.21	1,588	6,200	6.66
	7	2,228	822	36.87	618	3,838	5.28	153	115	75.18	-72	378	1.39	2,381	871	36.57	674	4,088	5.59
	8	1,967	568	28.88	854	3,081	2.83	71	71	100	-68	210	1.13	2,038	587	28.8	888	3,189	2.93
	9	566	173	30.59	227	906	0.86	91	64	70.71	-35	216	0.73	657	191	29.15	282	1,032	0.91
	10+	1,031	547	53.05	-41	2,103	4.82	64	64	100	-62	191	1.03	1,095	591	54.01	-64	2,254	5.32
Total	21,460	5,371	25.03	10,933	31,988	118.9	4,727	1,532	32.41	1,725	7,730	9.67	26,188	6,751	25.78	12,956	39,419	*****	
Amhara	1	34,923	7,475	21.41	20,272	49,575	0.99	109,304	14,962	13.69	79,978	138,631	1.3	144,227	17,753	12.31	109,431	179,024	1.41
	2	221,552	21,438	9.68	179,533	263,571	1.37	236,090	20,981	8.89	194,967	277,213	1.24	457,642	34,348	7.51	390,321	524,964	1.84
	3	347,465	28,367	8.16	291,866	403,065	1.59	143,937	17,572	12.21	109,496	178,379	1.38	491,403	39,706	8.06	413,578	589,227	2.32
	4	473,081	36,971	7.81	400,618	545,545	2.08	113,181	16,197	14.31	81,436	144,926	1.48	586,262	47,685	8.13	492,800	679,724	2.9
	5	473,914	33,486	7.07	408,281	539,546	1.7	71,747	11,614	16.19	48,983	94,512	1.18	545,661	36,806	6.75	473,522	617,800	1.83
	6	421,562	30,258	7.18	362,257	480,867	1.53	31,645	7,719	24.39	16,515	46,775	1.17	453,207	31,463	6.94	391,540	514,875	1.56
	7	336,666	26,344	7.83	285,031	388,301	1.41	20,927	6,115	29.22	8,942	32,912	1.11	357,593	28,461	7.96	301,809	413,378	1.56
	8	142,349	19,860	13.95	103,423	181,275	1.78	1,505	1,505	100	-1,445	4,456	0.93	143,855	19,950	13.87	104,752	182,957	1.78
	9	78,254	11,843	15.13	55,042	101,467	1.13	0	0	*****	0	0	*****	78,254	11,843	15.13	55,042	101,467	1.13
	10+	38,227	10,319	26.99	18,002	58,451	1.73	0	0	*****	0	0	*****	38,227	10,319	26.99	18,002	58,451	1.73
Total	2,567,995	139,651	5.44	2,294,278	2,841,711	21.15	728,337	54,527	7.49	621,464	835,210	3.22	3,296,332	181,357	5.5	2,940,873	3,651,791	*****	

Oromiya	1	41,199	8,174	19.84	25,179	57,219	0.87	88,161	14,742	16.72	59,267	117,055	1.34	129,360	17,898	13.84	94,281	164,439	1.36
	2	200,856	28,008	13.94	145,961	255,752	2.18	162,880	25,738	15.8	112,433	213,327	2.25	363,736	47,052	12.94	271,513	455,959	3.54
	3	394,774	34,794	8.81	326,577	462,971	1.8	219,149	30,972	14.13	158,445	279,853	2.46	613,923	57,956	9.44	500,330	727,516	3.4
	4	536,869	55,604	10.36	427,886	645,852	3.5	166,877	21,833	13.08	124,085	209,669	1.58	703,746	69,893	9.93	566,755	840,737	4.41
	5	513,549	52,407	10.2	410,831	616,267	3.23	125,491	20,554	16.38	85,206	165,777	1.85	639,041	64,902	10.16	511,833	766,248	4.12
	6	515,089	47,622	9.25	421,751	608,428	2.66	88,615	13,951	15.74	61,272	115,958	1.2	603,704	54,484	9.02	496,916	710,493	3.04
	7	491,748	47,985	9.76	397,698	585,798	2.81	55,460	10,738	19.36	34,412	76,507	1.12	547,208	52,175	9.53	444,945	649,470	3.03
	8	329,609	35,065	10.64	260,882	398,336	2.15	23,006	7,373	32.05	8,556	37,456	1.27	352,615	36,580	10.37	280,918	424,312	2.2
	9	174,741	32,007	18.32	112,006	237,476	3.26	15,969	5,281	33.07	5,618	26,320	0.93	190,710	32,181	16.87	127,634	253,785	3.03
	10+	204,633	37,471	18.31	131,189	278,076	3.84	9,023	4,049	44.88	1,086	16,959	0.97	213,656	38,419	17.98	138,354	288,958	3.87
Total	3,403,087	298,900	8.78	2,817,223	3,988,911	63.91	954,631	98,468	10.31	761,632	1,147,629	6.94	4,357,697	386,497	8.87	3,600,162	5,115,233	*****	
Somali	1	41,199	8,174	19.84	25,179	57,219	0.87	88,161	14,742	16.72	59,267	117,055	1.34	4,515	1,262	27.94	2,042	6,987	1.89
	2	200,856	28,008	13.94	145,961	255,752	2.18	162,880	25,738	15.8	112,433	213,327	2.25	8,932	2,775	31.07	3,493	14,370	4.87
	3	394,774	34,794	8.81	326,577	462,971	1.8	219,149	30,972	14.13	158,445	279,853	2.46	14,647	3,171	21.65	8,433	20,862	4.16
	4	536,869	55,604	10.36	427,886	645,852	3.5	166,877	21,833	13.08	124,085	209,669	1.58	15,578	5,344	34.31	5,103	26,052	11.23
	5	513,549	52,407	10.2	410,831	616,267	3.23	125,491	20,554	16.38	85,206	165,777	1.85	16,024	5,366	33.49	5,506	26,541	11.07
	6	515,089	47,622	9.25	421,751	608,428	2.66	88,615	13,951	15.74	61,272	115,958	1.2	14,199	2,981	21	8,355	20,042	3.77
	7	491,748	47,985	9.76	397,698	585,798	2.81	55,460	10,738	19.36	34,412	76,507	1.12	9,818	3,384	34.46	3,186	16,450	6.66
	8	329,609	35,065	10.64	260,882	398,336	2.15	23,006	7,373	32.05	8,556	37,456	1.27	5,461	2,523	46.21	515	10,407	6.33
	9	174,741	32,007	18.32	112,006	237,476	3.26	15,969	5,281	33.07	5,618	26,320	0.93	3,472	1,803	51.93	-62	7,006	4.97
	10+	204,633	37,471	18.31	131,189	278,076	3.84	9,023	4,049	44.88	1,086	16,959	0.97	1,764	912	51.71	-24	3,553	2.46
Total	74,085	24,644	33.26	25,783	122,387	194.8	20,324	3,753	18.47	12,967	27,680	4.52	94,409	27,500	29.13	40,509	148,309	*****	
Benshangul-gum.	1	2,199	696	31.64	836	3,563	0.86	5,382	1,708	31.74	2,034	8,730	2.17	7,581	2,201	29.04	3,266	11,896	2.6
	2	9,559	2,121	22.19	5,401	13,716	1.94	6,520	1,892	29.02	2,812	10,229	2.22	16,079	3,555	22.11	9,111	23,047	3.42
	3	16,936	3,844	22.7	9,401	24,471	3.82	5,133	1,350	26.31	2,486	7,780	1.42	22,069	4,773	21.63	12,714	31,424	4.72
	4	18,921	3,877	20.49	11,323	26,519	3.54	3,138	765	24.38	1,639	4,638	0.73	22,059	3,719	16.86	14,769	29,349	2.87
	5	18,879	5,941	31.47	7,234	30,524	8.32	3,136	768	24.49	1,631	4,640	0.74	22,014	6,116	27.78	10,026	34,003	7.77
	6	16,372	4,815	29.41	6,935	25,809	6.17	1,738	681	39.21	402	3,073	1.04	18,110	4,662	25.74	8,972	27,248	5.31
	7	10,299	2,410	23.4	5,575	15,024	2.34	851	496	58.31	-122	1,824	1.12	11,151	2,764	24.79	5,733	16,569	2.87
	8	8,674	2,802	32.3	3,183	14,165	3.71	543	543	100	-521	1,607	2.1	9,217	2,965	32.16	3,406	15,027	3.93
	9	5,241	1,188	22.67	2,912	7,570	1.09	338	338	100	-324	1,000	1.3	5,579	1,299	23.28	3,033	8,124	1.21
	10+	5,178	1,603	30.96	2,036	8,321	1.98	269	269	100	-258	796	1.04	5,447	1,602	29.41	2,307	8,587	1.89
Total	112,258	25,076	22.34	63,110	161,406	111	27,047	5,269	19.48	16,720	37,375	4.9	139,305	28,058	20.14	84,311	194,300	*****	
S.N.N.P.R.	1	49,801	10,485	21.05	29,250	70,352	1.75	58,630	10,232	17.45	38,576	78,684	1.42	108,432	14,832	13.68	79,360	137,503	1.65
	2	165,717	19,425	11.72	127,644	203,791	1.89	131,501	17,982	13.67	96,255	166,746	2.02	297,218	28,953	9.74	240,470	353,966	2.48
	3	236,022	25,362	10.66	188,312	287,732	2.32	148,407	17,282	11.65	114,533	182,280	1.66	386,429	36,312	9.4	315,257	457,601	3.13
	4	336,500	32,429	9.64	272,940	400,060	2.8	125,413	13,716	10.94	98,531	152,296	1.23	461,913	41,551	9	380,474	543,353	3.55
	5	317,811	26,683	8.4	265,512	370,110	1.99	90,945	11,295	12.42	68,806	113,084	1.13	408,756	28,977	7.09	351,962	465,551	1.9
	6	311,162	30,011	9.64	252,340	369,984	2.56	48,028	7,859	16.36	32,623	63,432	1.02	359,190	30,645	8.53	299,124	419,255	2.37
	7	236,636	25,961	10.97	185,752	287,519	2.44	22,626	5,781	25.55	11,295	33,958	1.16	259,262	27,004	10.42	206,334	312,191	2.43
	8	115,451	12,737	11.03	90,487	140,416	1.15	11,725	3,784	32.27	4,308	19,142	0.95	127,177	13,166	10.35	101,371	152,982	1.12
	9	86,069	11,793	13.7	62,955	109,183	1.3	2,563	1,813	70.76	-992	6,117	1	88,631	12,288	13.86	64,547	112,716	1.37
	10+	71,807	10,666	14.89	50,702	92,511	1.27	0	0	*****	0	0	*****	71,607	10,666	14.89	50,702	92,511	1.27
Total	1,928,776	136,873	7.1	1,660,506	2,197,046	30.35	639,839	46,116	7.21	549,451	730,226	3.44	2,568,615	171,738	6.69	2,232,009	2,905,220	*****	
Harari	1	145	80	54.97	-11	301	0.81	474	186	39.2	110	838	1.38	619	197	31.78	233	1,004	1.2
	2	870	207	23.79	465	1,276	0.96	429	164	38.2	108	1,299	1.18	1,299	308	23.74	695	1,904	1.47
	3	2,012	503	25.02	1,025	2,999	2.66	308	150	48.65	14	603	1.37	2,320	554	23.89	1,234	3,407	2.86
	4	2,355	449	19.05	1,476	3,234	1.85	366	132	36.13	107	625	0.9	2,721	498	18.31	1,745	3,698	2.03
	5	2,037	348	17.09	1,354	2,719	1.26	274	107	38.91	65	483	0.78	2,310	354	15.3	1,617	3,003	1.17
	6	2,203	346	15.69	1,525	2,880	1.16	355	149	41.97	63	646	1.17	2,557	471	18.42	1,634	3,480	1.91
	7	1,642	388	23.65	881	2,403	1.89	163	89	54.37	-11	338	0.9	1,805	377	20.91	1,065	2,545	1.64
	8	769	306	39.83	169	1,370	2.36	56	56	100	-54	166	1.03	825	303	36.68	232	1,419	2.16
	9	624	204	32.74	224	1,024	1.28	51	51	100	-49	152	0.94	675	201	29.76	281	1,069	1.15
	10+	478	190	39.67	106	850	1.43	0	0	*****	0	0	*****	478	190	39.67	106	850	1.43
Total	13,135	1,399	10.65	10,393	15,876	17.27	2,477	472	19.06	1,551	3,402	1.97	15,611	1,636	10.48	12,406	18,817	*****	

100%	11.78	1,385	10.88	10,380	12,818	11.31	5,411	453	28,000	1,824	7,903	1.81	12,911	1,830	10.98	15,458	78,311	.....
10%	1.18	141	29.81	100	300	1.49	0	0	.....	0	0	.....	0	0	.....	0	0	.....
8	1.04	104	25.18	330	1,000	1.50	21	31	100	743	105	0.89	427	101	38.58	501	1,088	1.10
6	0.86	70	28.28	100	700	2.00	20	16	100	701	84	1.03	362	701	39.85	535	1,412	2.18
4	1.49	149	27.61	100	2,100	1.91	149	98	24.31	71	229	0.73	1,800	711	50.81	1,000	3,249	1.04
2	3.03	303	26.00	1,000	3,000	1.10	303	140	47.31	123	408	1.11	3,700	1,111	40.43	1,641	3,700	1.71
0	3.03	303	26.00	1,000	3,000	1.10	303	140	47.31	123	408	1.11	3,700	1,111	40.43	1,641	3,700	1.71
100%	11.78	1,385	10.88	10,380	12,818	11.31	5,411	453	28,000	1,824	7,903	1.81	12,911	1,830	10.98	15,458	78,311	.....
10%	1.18	141	29.81	100	300	1.49	0	0	.....	0	0	.....	0	0	.....	0	0	.....
8	1.04	104	25.18	330	1,000	1.50	21	31	100	743	105	0.89	427	101	38.58	501	1,088	1.10
6	0.86	70	28.28	100	700	2.00	20	16	100	701	84	1.03	362	701	39.85	535	1,412	2.18
4	1.49	149	27.61	100	2,100	1.91	149	98	24.31	71	229	0.73	1,800	711	50.81	1,000	3,249	1.04
2	3.03	303	26.00	1,000	3,000	1.10	303	140	47.31	123	408	1.11	3,700	1,111	40.43	1,641	3,700	1.71
0	3.03	303	26.00	1,000	3,000	1.10	303	140	47.31	123	408	1.11	3,700	1,111	40.43	1,641	3,700	1.71
100%	11.78	1,385	10.88	10,380	12,818	11.31	5,411	453	28,000	1,824	7,903	1.81	12,911	1,830	10.98	15,458	78,311	.....
10%	1.18	141	29.81	100	300	1.49	0	0	.....	0	0	.....	0	0	.....	0	0	.....
8	1.04	104	25.18	330	1,000	1.50	21	31	100	743	105	0.89	427	101	38.58	501	1,088	1.10
6	0.86	70	28.28	100	700	2.00	20	16	100	701	84	1.03	362	701	39.85	535	1,412	2.18
4	1.49	149	27.61	100	2,100	1.91	149	98	24.31	71	229	0.73	1,800	711	50.81	1,000	3,249	1.04
2	3.03	303	26.00	1,000	3,000	1.10	303	140	47.31	123	408	1.11	3,700	1,111	40.43	1,641	3,700	1.71
0	3.03	303	26.00	1,000	3,000	1.10	303	140	47.31	123	408	1.11	3,700	1,111	40.43	1,641	3,700	1.71

Addis Ababa

1	54	24	44.05	7	101	0.52	121	46	38.26	30	212	0.9	175	58	32.95	62	288	0.97
2	208	84	40.42	43	373	1.75	136	38	27.78	62	210	0.53	344	88	25.45	172	516	1.18
3	421	71	16.79	282	559	0.64	350	109	31.15	136	564	1.79	771	109	14.15	557	985	0.89
4	1,053	171	16.24	718	1,388	1.7	249	43	17.13	166	333	0.38	1,302	186	14.31	937	1,668	1.73
5	623	132	21.13	365	881	1.55	235	44	18.72	149	321	0.42	857	138	16.1	587	1,128	1.3
6	475	74	15.55	330	620	0.62	171	20	11.9	131	211	0.12	646	76	11.8	497	796	0.5
7	381	59	15.48	266	497	0.49	26	0	0	26	26	0	408	59	14.49	292	523	0.46
8	290	63	21.71	167	413	0.71	74	56	75.2	-35	184	2.11	364	90	24.81	187	541	1.19
9	202	56	28.01	91	312	0.81	17	17	100	-16	51	0.85	219	60	27.4	101	336	0.85
10+	466	105	22.48	262	675	1.28	0	0	*****	0	0	*****	468	105	22.48	262	675	1.28
Total	4,176	530	12.7	3,136	5,215	13.42	1,379	142	10.29	1,101	1,658	0.96	5,555	650	11.69	4,282	6,828	*****

Dire Dawa

1	246	111	45.33	27	464	0.81	753	195	25.87	371	1,135	0.83	999	245	24.53	518	1,479	1
2	1,177	285	24.25	617	1,736	1.17	635	229	36.05	186	1,083	1.35	1,811	388	21.41	1,051	2,571	1.46
3	2,018	339	16.79	1,354	2,682	1.01	406	169	41.7	74	739	1.14	2,424	345	14.23	1,748	3,101	0.9
4	2,252	436	19.37	1,397	3,107	1.52	581	212	36.5	165	998	1.26	2,833	527	18.6	1,800	3,866	1.84
5	2,275	780	34.29	746	3,805	4.83	572	168	29.42	242	903	0.81	2,848	834	29.29	1,213	4,483	4.58
6	2,598	466	17.94	1,685	3,511	1.54	135	92	68.48	-46	316	1.01	2,733	498	18.21	1,757	3,709	1.69
7	1,748	467	26.72	832	2,663	2.18	129	88	68.61	-44	302	0.96	1,876	509	27.13	879	2,874	2.43
8	1,439	406	28.2	644	2,234	1.96	63	63	100	-60	186	0.99	1,501	407	27.1	704	2,299	1.9
9	445	161	36.13	130	759	0.94	68	68	100	-66	202	1.08	513	211	41.08	100	926	1.41
10+	378	129	34.08	126	631	0.71	75	75	100	-72	221	1.18	453	137	30.16	185	721	0.67
Total	14,575	2,642	18.13	9,396	19,753	39.8	3,417	659	19.3	2,125	4,710	2.48	17,992	2,955	16.42	12,201	23,783	*****

04

Region	HH Size	Gender of Head																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
			Lower	Upper					Lower	Upper					Lower	Upper				
Country	1	1,183,360	77,085	6.51	1,032,274	1,334,446	4.74	1,065,136	59,167	5.55	949,169	1,181,104	3.07	2,248,497	120,052	5.34	2,013,194	2,483,799	6.77	
	2	1,740,392	90,684	5.21	1,562,652	1,918,132	4.72	593,503	40,714	6.86	513,704	673,302	2.49	2,333,895	116,161	4.98	2,106,219	2,561,571	6.17	
	3	1,902,890	97,074	5.1	1,712,625	2,093,154	5.04	431,265	36,845	8.54	359,048	503,482	2.77	2,334,155	121,839	5.22	2,095,349	2,572,960	6.78	
	4	2,042,614	99,603	4.88	1,847,392	2,237,836	5.02	272,966	23,352	8.55	227,197	318,735	1.73	2,315,580	109,266	4.72	2,101,419	2,529,740	5.49	
	5	1,782,413	108,820	6.11	1,569,126	1,995,700	6.67	219,621	23,282	10.6	173,989	265,253	2.13	2,002,034	121,326	6.06	1,764,236	2,239,832	7.56	
	Total	8,651,669	361,722	4.18	7,942,693	9,360,645	55.59	2,582,491	124,185	4.81	2,339,088	2,825,894	6.55	11,234,160	465,773	4.15	10,321,245	12,147,076	*****	
Tigray	1	76,881	11,135	14.48	55,057	98,704	2.16	103,120	12,216	11.85	79,176	127,064	2.02	180,001	17,956	9.98	144,808	215,194	2.86	
	2	130,833	13,526	10.34	104,323	157,344	2.04	36,024	5,817	16.15	24,622	47,425	1.18	166,857	16,184	9.7	135,135	198,578	2.45	
	3	113,263	16,220	14.32	81,473	145,054	3.29	28,771	5,063	17.6	18,848	38,695	1.11	142,035	17,745	12.49	107,255	176,815	3.3	
	4	105,403	15,088	14.31	75,831	134,975	3.02	14,026	4,007	28.57	6,171	21,880	1.39	119,429	16,309	13.66	87,464	151,394	3.19	
	5	85,763	14,392	16.78	57,555	113,971	3.28	18,372	7,229	39.35	4,203	32,542	3.48	104,135	18,620	17.88	67,639	140,630	4.65	
	Total	512,143	44,620	8.71	424,687	599,599	16.5	200,313	24,108	12.03	153,062	247,564	4.82	712,456	59,827	8.4	595,196	829,717	*****	
Affar	1	2,687	729	27.13	1,258	4,116	3.52	1,247	445	35.71	374	2,119	2.66	3,934	979	24.89	2,015	5,853	4.58	
	2	3,535	907	25.66	1,757	5,313	4.29	1,275	507	39.74	282	2,268	3.38	4,810	1,335	27.75	2,194	7,426	7.24	
	3	5,618	1,363	24.25	2,948	8,289	6.72	783	383	48.88	33	1,533	3.08	6,401	1,694	26.46	3,082	9,721	9.47	
	4	5,129	1,503	29.31	2,183	8,075	8.74	926	369	39.84	203	1,650	2.43	6,055	1,834	30.29	2,461	9,650	11.53	
	5	4,491	1,372	30.56	1,801	7,181	8.08	496	272	54.8	-37	1,030	2.43	4,988	1,496	29.99	2,055	7,920	8.85	
	Total	21,460	5,371	25.03	10,933	31,988	118.9	4,727	1,532	32.41	1,725	7,730	9.67	26,188	6,751	25.78	12,956	39,419	*****	
Amhara	1	517,571	52,798	10.2	414,087	621,055	3.93	438,671	39,032	8.9	362,168	515,175	2.46	956,242	79,604	8.32	800,219	1,112,266	5.74	
	2	593,187	45,794	7.72	503,430	682,944	2.65	141,611	14,479	10.22	113,232	169,990	0.95	734,798	53,458	7.28	630,021	839,575	3.08	
	3	570,560	38,435	6.74	495,228	645,892	1.93	75,124	11,658	15.52	52,275	97,973	1.14	645,684	43,498	6.74	560,427	730,941	2.24	
	4	526,113	38,304	7.28	451,037	601,189	2.04	50,123	9,435	18.82	31,631	68,615	1.11	576,236	41,694	7.24	494,516	657,956	2.25	
	5	360,564	28,078	7.79	305,532	415,597	1.51	22,808	6,058	26.56	10,934	34,681	1	383,372	29,228	7.62	326,086	440,658	1.55	
	Total	2,567,995	139,651	5.44	2,294,278	2,841,711	21.15	728,337	54,527	7.49	621,464	835,210	3.22	3,296,332	181,357	5.5	2,940,873	3,651,791	*****	
Oromiya	1	267,077	35,144	13.16	198,195	335,958	2.63	239,995	32,516	13.55	176,264	303,726	2.49	507,072	61,630	12.15	386,277	627,867	4.52	
	2	536,261	65,116	12.14	408,634	663,889	4.81	245,279	35,114	14.32	176,456	314,103	2.84	781,540	90,377	11.56	604,402	958,679	6.79	
	3	705,101	77,390	10.98	553,416	856,785	5.4	209,504	31,124	14.86	148,501	270,508	2.59	914,605	101,167	11.06	716,318	1,112,891	7.55	
	4	935,624	83,357	8.91	772,245	1,099,004	5.04	125,280	18,442	14.72	89,134	161,426	1.49	1,060,904	91,898	8.66	880,784	1,241,025	5.61	
	5	959,004	97,859	10.2	767,201	1,150,807	6.83	134,572	19,576	14.55	96,202	172,942	1.57	1,093,576	109,734	10.03	878,499	1,308,654	7.84	
	Total	3,403,067	298,900	8.78	2,817,223	3,988,911	63.91	954,631	98,468	10.31	761,632	1,147,629	6.94	4,357,697	386,497	8.87	3,600,162	5,115,233	*****	
Somali	1	7,585	2,216	29.21	3,242	11,928	3.6	8,361	1,708	20.43	5,013	11,710	1.96	15,947	3,600	22.57	8,892	23,002	5	
	2	19,738	6,548	33.18	6,903	32,573	14.05	4,272	1,087	25.45	2,141	6,404	1.48	24,010	7,216	30.05	9,868	38,153	14.88	
	3	19,618	7,133	36.36	5,638	33,599	16.75	2,692	1,064	39.52	607	4,777	2.21	22,310	7,945	35.61	6,737	37,883	18.96	
	4	19,659	8,505	43.26	2,989	36,329	23.78	3,496	989	28.3	1,557	5,434	1.49	23,155	8,905	38.46	5,701	40,608	23.21	
	5	7,485	1,994	26.65	3,575	11,394	2.95	1,503	701	46.64	129	2,876	1.7	8,987	2,235	24.87	4,607	13,368	3.14	
	Total	74,085	24,644	33.26	25,783	122,387	194.8	20,324	3,753	18.47	12,967	27,680	4.52	94,409	27,500	29.13	40,509	148,309	*****	
Benshangul-gumz	1	10,215	2,735	26.77	4,855	15,575	3.04	10,116	2,974	29.39	4,289	15,946	3.63	20,333	5,054	24.86	10,427	30,238	5.66	
	2	23,075	5,099	22.1	13,081	33,069	5.2	5,582	1,419	25.41	2,802	8,363	1.45	28,657	5,823	20.32	17,243	40,071	5.73	
	3	25,467	5,288	20.76	15,103	35,832	5.17	5,569	1,405	25.23	2,815	8,322	1.42	31,036	5,680	18.3	19,902	42,170	5.15	
	4	28,566	8,549	29.93	11,809	45,323	12.38	4,345	1,037	23.87	2,312	6,378	0.98	32,911	8,806	26.76	15,652	50,170	11.87	
	5	24,935	8,915	35.75	7,462	42,408	14.94	1,434	669	46.64	123	2,745	1.21	26,369	9,241	35.04	8,257	44,481	15.37	
	Total	112,258	25,076	22.34	63,110	161,406	111	27,047	5,269	19.48	16,720	37,375	4.9	139,305	28,058	20.14	84,311	194,300	*****	

100%	118739	32034	27.97	22410	101400	111	31001	7328	12.98	10130	31312	48	138700	38088	30.14	84214	401300	.....
2	34039	87912	25.52	11403	45408	19.07	1424	868	48.01	439	3142	134	38780	8341	39.04	8791	44401	20.21
4	38080	8893	23.63	11505	49353	15.98	1342	7031	53.01	5713	8332	0.88	35014	8809	36.19	48825	20430	11.91
3	39461	87084	30.30	10403	38253	27.11	2020	1402	30.50	3042	8353	1.75	34020	8080	38.73	48805	45430	2.19
5	39012	2083	33.1	13081	27088	8.5	8823	1410	52.41	3003	8323	1.12	30821	8033	30.23	11342	40011	2.13
100%	14082	34241	30.38	32182	133381	18.19	30354	9183	49.41	13081	31880	1.23	84700	31700	37.19	40228	147308	.....
2	498	1704	38.69	2032	11304	5.82	7002	101	40.04	189	3910	1.1	8861	3782	34.81	8901	18209	3.77
4	1000	8707	43.32	3765	28258	37.18	3488	880	39.2	1201	2431	1.48	37490	8308	35.44	8301	10800	52.34
3	18910	1123	38.30	8000	29258	18.10	3885	1084	38.98	801	1111	3.31	35010	1748	34.94	8131	31809	18.80
5	18130	8046	39.79	8003	35213	19.30	3315	1081	30.40	514	8401	1.40	35010	1748	34.94	8131	31809	18.80

S.N.N.P.R.	1	298,659	42,216	14.14	215,915	381,403	5.26	260,984	27,541	10.55	207,004	314,964	2.52	559,643	62,571	11.18	437,004	682,282	6.96
	2	428,075	40,410	9.44	348,871	507,278	3.56	158,538	13,328	8.41	132,414	184,662	0.93	586,613	46,014	7.84	496,425	676,801	3.64
	3	456,203	40,133	8.8	377,543	534,863	3.34	107,332	14,964	13.94	78,003	136,661	1.69	563,535	47,974	8.51	469,506	657,564	4.07
	4	415,537	33,601	8.09	349,679	481,396	2.52	73,522	9,892	13.45	54,133	92,911	1.07	489,060	36,445	7.45	417,627	560,492	2.61
	5	330,302	34,390	10.41	262,897	397,708	3.2	39,463	8,295	21.02	23,205	55,720	1.38	369,765	37,186	10.06	296,881	442,649	3.4
	Total	1,928,776	136,873	7.1	1,660,506	2,197,046	30.35	639,839	46,116	7.21	549,451	730,226	3.44	2,568,615	171,738	6.69	2,232,009	2,905,220	*****

Harari	1	526	173	32.99	186	866	1.09	895	241	26.92	423	1,368	1.27	1,421	382	26.89	672	2,170	2.08
	2	1,485	402	27.05	698	2,273	2.21	290	114	39.1	68	513	0.83	1,776	449	25.27	896	2,655	2.35
	3	1,927	574	29.78	802	3,052	3.58	599	210	35	188	1,010	1.4	2,526	653	25.87	1,245	3,807	3.71
	4	2,850	486	17.05	1,897	3,803	1.86	264	151	57.27	-32	560	1.62	3,114	548	17.61	2,039	4,188	2.22
	5	6,346	1,233	19.42	3,930	8,762	7.41	428	114	26.71	204	652	0.58	6,774	1,272	18.78	4,281	9,268	7.76
	Total	13,135	1,399	10.65	10,393	15,876	17.27	2,477	472	19.06	1,551	3,402	1.97	15,611	1,636	10.48	12,406	18,817	*****

Addis Ababa	1	404	72	17.75	263	544	0.68	374	88	23.57	201	547	1.1	778	134	17.27	515	1,041	1.34
	2	535	93	17.4	352	717	0.89	163	46	27.95	74	252	0.65	698	131	18.81	440	955	1.4
	3	505	139	27.6	232	779	2.1	146	71	49.03	6	286	1.78	651	193	29.64	273	1,029	3.21
	4	1,119	170	15.18	785	1,452	1.6	327	42	12.7	245	408	0.28	1,446	195	13.45	1,065	1,827	1.75
	5	1,613	286	17.74	1,052	2,173	3.54	370	71	19.31	303	230	0.73	1,983	318	16.05	1,359	2,606	3.93
	Total	4,176	530	12.7	3,136	5,215	13.42	1,379	142	10.29	1,101	1,658	0.96	5,555	650	11.69	4,282	6,828	*****

Dire Dawa	1	1,756	374	21.33	1,022	2,490	1.4	1,370	433	31.62	521	2,220	2.34	3,126	673	21.52	1,808	4,445	2.77
	2	3,669	712	19.41	2,273	5,065	2.74	469	141	30.16	192	746	0.69	4,138	728	17.59	2,711	5,564	2.62
	3	4,626	1,434	30.99	1,816	7,437	9.44	746	324	43.47	110	1,382	2.32	5,373	1,711	31.86	2,018	8,727	12.27
	4	2,613	772	29.55	1,100	4,126	4.21	657	255	38.77	158	1,156	1.62	3,270	774	23.67	1,753	4,788	3.54
	5	1,910	577	30.23	779	3,042	3.08	175	94	54.13	-11	360	0.82	2,085	600	28.77	909	3,261	3.08
	Total	14,575	2,642	18.13	9,396	19,753	39.8	3,417	659	19.3	2,125	4,710	2.48	17,992	2,955	16.42	12,201	23,783	*****

Region	Sub-Region	City	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population

TABLE 2 - Summary of the results of the 1994 general election in the House of Representatives. The table shows the number of votes and the percentage of votes for each candidate in each region. The results are presented in descending order of total votes.

Table 9 Standard Errors and Coefficient of Variations of Population Estimates by Gender, Household Expenditure Quintile and Regions, KuraI - 2006/07

Region	HH Size	Gender of Household Members																	
		Male									Female					Total			
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
					Lower	Upper					Lower	Upper					Lower	Upper	
Country	1	2,965,703	195,694	6.6	2,582,143	3,349,263	11.5	3,879,823	224,365	5.78	3,440,067	4,319,578	11.8	6,845,526	411,279	6.01	6,039,419	7,651,632	23.76
	2	4,819,184	253,475	5.26	4,322,374	5,315,995	12.3	5,216,425	284,968	5.46	4,657,888	5,774,963	14.5	10,035,610	529,548	5.28	8,997,696	11,073,524	28.76
	3	5,814,316	318,128	5.47	5,190,784	6,437,847	16.39	5,817,450	322,866	5.55	5,184,633	6,450,267	16.9	11,631,766	632,319	5.44	10,392,420	12,871,111	36.67
	4	6,883,094	349,170	5.07	6,198,722	7,567,467	17.04	6,423,287	326,309	5.08	5,783,720	7,062,853	15.8	13,306,381	667,039	5.01	11,998,984	14,613,777	37.09
	5	7,029,291	446,954	6.36	6,153,261	7,905,321	27.43	6,483,447	403,271	6.22	5,693,036	7,273,859	23.9	13,512,739	840,935	6.22	11,864,505	15,160,972	58.34
	Total	27,511,589	1,209,667	4.4	25,140,641	29,882,536	89.13	27,820,432	1,230,212	4.42	25,409,217	30,231,646	92.2	55,332,020	2,429,057	4.39	50,571,068	60,092,973	*****
Tigray	1	223,916	29,859	13.33	165,393	282,439	5.12	316,379	38,758	12.25	240,414	392,344	6.28	540,295	64,978	12.03	412,938	667,653	11.14
	2	392,032	46,535	11.87	300,824	483,241	7.49	377,663	39,851	10.55	299,556	455,770	5.67	769,695	83,693	10.87	605,657	933,733	14.09
	3	395,589	51,918	13.12	293,830	497,347	9.25	383,229	50,374	13.14	284,496	481,962	8.95	778,818	100,096	12.85	582,630	975,006	19.99
	4	393,631	56,204	14.28	283,471	503,790	10.89	336,379	47,376	14.08	243,522	429,235	8.88	730,009	101,516	13.91	531,038	928,981	21.54
	5	314,257	54,366	17.3	207,700	420,813	12.43	298,884	58,098	19.44	185,012	412,757	14.9	613,141	110,036	17.95	397,471	828,811	28.88
	Total	1,719,424	158,357	9.21	1,409,044	2,029,804	35.1	1,712,534	159,608	9.32	1,399,703	2,025,365	35.7	3,431,958	314,539	9.17	2,815,462	4,048,455	*****
Affar	1	5,317	1,412	26.55	2,551	8,084	6.18	6,817	2,026	29.72	2,846	10,789	10.1	12,135	3,421	28.19	5,430	18,839	16.82
	2	11,002	2,706	24.59	5,699	16,305	11.49	10,385	2,816	27.12	4,866	15,904	13.1	21,387	5,477	25.61	10,652	32,123	26.52
	3	17,150	4,473	26.08	8,383	25,918	21.24	16,072	4,709	29.3	6,842	25,303	24.9	33,222	9,034	27.19	15,515	50,930	52.05
	4	17,152	5,187	30.24	6,986	27,318	28.56	16,012	5,024	31.38	6,165	25,859	28.4	33,163	10,189	30.72	13,193	53,133	66.28
	5	17,420	5,775	33.15	6,101	28,738	34.93	14,078	4,549	32.32	5,161	22,995	26.1	31,497	10,294	32.68	11,322	51,673	70.04
	Total	68,041	18,263	26.84	32,245	103,837	160.9	63,364	17,518	27.65	29,029	97,699	148	131,405	35,732	27.19	61,370	201,440	*****
Amhara	1	1,222,285	130,157	10.65	967,177	1,477,394	9.29	1,640,865	149,342	9.1	1,348,154	1,933,576	9.39	2,863,150	272,515	9.52	2,329,020	3,397,280	19.72
	2	1,615,457	138,035	8.54	1,344,908	1,886,005	8.13	1,653,506	136,391	8.37	1,382,258	1,924,753	8.01	3,268,963	270,393	8.27	2,738,993	3,798,932	17.58
	3	1,700,264	130,387	7.67	1,444,705	1,955,823	6.94	1,585,559	111,462	7.03	1,367,093	1,804,025	5.39	3,285,823	236,376	7.19	2,822,525	3,749,121	13.39
	4	1,616,682	125,147	7.74	1,371,394	1,861,969	6.68	1,511,084	112,202	7.43	1,291,169	1,730,999	5.7	3,127,766	232,962	7.45	2,671,161	3,584,370	13.48
	5	1,321,890	117,850	8.92	1,090,905	1,552,875	7.09	1,217,784	98,525	8.09	1,024,675	1,410,894	5.34	2,539,674	209,393	8.24	2,129,264	2,950,084	12.78
	Total	7,476,578	430,980	5.76	6,631,858	8,321,299	30.33	7,608,798	422,370	5.55	6,780,953	8,436,642	29.1	15,085,376	845,522	5.6	13,428,152	16,742,600	*****
Oromiya	1	667,756	97,898	14.66	475,876	859,636	7.87	890,334	117,557	13.35	650,423	1,111,245	8.68	1,548,590	211,724	13.67	1,133,610	1,963,570	16.51
	2	1,452,918	177,147	12.19	1,105,710	1,800,126	12.27	1,714,244	218,750	12.76	1,285,494	2,142,993	16.1	3,167,162	391,753	12.37	2,399,326	3,934,997	29.89
	3	2,170,902	255,432	11.77	1,670,255	2,671,549	17.66	2,300,717	272,201	11.83	1,767,203	2,834,231	19	4,471,619	522,622	11.69	3,447,279	5,495,958	40.33
	4	3,219,432	299,442	9.3	2,632,526	3,806,338	17.23	3,026,019	281,688	9.31	2,473,910	3,578,128	16.1	6,245,451	575,455	9.21	5,117,560	7,373,342	38.71
	5	4,009,444	409,425	10.21	3,206,970	4,811,917	26.93	3,598,875	367,082	10.2	2,879,395	4,318,356	23.6	7,608,319	770,240	10.12	6,098,649	9,117,989	61.95
	Total	11,520,451	1,041,726	9.04	9,478,668	13,562,235	100.3	11,520,689	1,064,553	9.24	9,434,165	13,607,212	105	23,041,140	2,100,226	9.12	18,924,697	27,157,583	*****
Somali	1	24,166	5,929	24.53	12,546	35,786	7.81	25,622	5,739	22.4	14,373	36,871	6.93	49,788	11,450	23	27,346	72,230	15.03
	2	59,308	16,971	28.62	26,044	92,572	28.39	55,489	14,413	25.97	27,239	83,738	21.7	114,797	31,273	27.24	53,502	176,092	57.9
	3	59,328	21,109	35.58	17,954	100,702	43.91	55,962	21,159	37.81	14,491	97,434	46.4	115,291	42,033	36.46	32,906	197,675	104.3
	4	65,301	29,765	45.58	6,962	123,640	80.53	57,240	24,581	42.94	9,062	105,417	81.4	122,541	54,235	44.26	16,241	228,841	166.92
	5	29,139	8,165	28.02	13,135	45,142	12.43	24,600	7,658	31.13	9,590	39,610	12.8	53,738	15,777	29.36	22,815	84,662	26.71
	Total	237,242	74,821	31.54	90,593	383,892	250.1	218,913	66,254	30.27	89,054	348,771	196	456,155	140,982	30.91	179,830	732,479	*****
Benshangul-gumuz	1	22,492	5,414	24.07	11,880	33,104	5.18	28,367	6,539	23.05	15,551	41,183	6.05	50,859	11,843	23.29	27,646	74,072	11.47
	2	57,449	13,619	23.71	30,755	84,143	13.57	52,274	11,175	21.38	30,371	74,177	9.96	109,723	24,307	22.15	62,082	157,364	24.74
	3	77,416	14,228	18.38	49,530	105,302	11.36	73,690	11,534	15.65	51,084	96,296	7.79	151,107	25,495	16.87	101,137	201,077	21.33
	4	98,611	28,059	28.45	43,615	153,808	35.97	88,427	23,469	26.54	42,427	134,426	27.6	187,038	51,310	27.43	86,470	287,606	74.95
	5	90,075	28,971	32.16	33,292	146,858	41.36	84,285	28,167	33.42	29,079	139,492	41.4	174,361	56,987	32.88	62,666	286,055	96.65
	Total	346,044	77,168	22.3	194,794	497,294	136.2	327,044	67,787	20.73	194,181	459,906	105	673,087	144,692	21.5	389,492	956,683	*****
S.N.N.P.R.	1	792,768	103,980	13.12	588,968	996,569	11.41	973,021	112,399	11.55	752,718	1,193,323	11	1,765,789	213,419	12.09	1,347,489	2,184,090	23.56
	2	1,216,885	105,661	8.68	1,009,790	1,423,981	7.97	1,338,465	110,775	8.28	1,121,346	1,555,584	8.05	2,555,351	212,652	8.32	2,138,553	2,972,148	17.47
	3	1,373,296	124,794	9.09	1,128,609	1,617,894	9.99	1,379,555	120,656	8.75	1,143,070	1,616,040	9.3	2,752,851	241,259	8.76	2,279,984	3,225,719	21.31
	4	1,449,876	108,278	7.47	1,237,650	1,662,102	7.17	1,366,306	105,391	7.71	1,159,738	1,572,873	7.16	2,816,182	208,581	7.41	2,407,363	3,225,000	15.67
	5	1,212,513	119,715	9.87	977,872	1,447,154	10.26	1,213,756	117,923	9.72	982,626	1,444,886	9.95	2,428,269	232,954	9.6	1,969,680	2,882,858	21.8
	Total	6,045,339	394,080	6.52	5,272,923	6,817,755	39.48	6,271,102	408,544	6.51	5,470,357	7,071,848	42.4	12,316,442	795,685	6.46	10,756,900	13,875,984	*****

Region	Year	Economic Indicators																	
		1	2	3	4	5	Total	1	2	3	4	5	Total						
Harari	1	1,754	662	37.72	457	3,051	4.7	2,013	610	30.29	818	3,208	3.49	3,767	1,257	33.36	1,304	6,230	8.11
	2	3,841	887	23.09	2,103	5,580	3.97	3,678	860	23.39	1,992	5,364	3.89	7,520	1,675	22.27	4,237	10,802	7.6
	3	5,321	1,398	26.27	2,581	8,060	7.26	5,944	1,600	26.92	2,806	9,081	8.59	11,265	2,971	26.38	5,441	17,089	16.86
	4	7,998	1,442	18.03	5,172	10,824	5.33	8,140	1,535	18.85	5,133	11,148	5.95	16,138	2,884	17.87	10,486	21,791	11.96
	5	20,949	4,155	19.84	12,805	29,093	20.72	18,835	3,628	19.26	11,725	25,946	16.9	39,784	7,747	19.47	24,600	54,969	56.38
	Total	39,863	4,501	11.29	31,041	48,685	19.03	38,611	4,094	10.6	30,587	46,636	15.8	78,474	8,465	10.79	61,883	95,066	*****
Addis Ababa	1	1,153	190	16.5	780	1,526	1.62	1,401	299	21.31	815	1,986	3.31	2,553	476	18.66	1,620	3,487	4.82
	2	1,608	286	17.76	1,048	2,168	2.66	1,712	373	21.76	982	2,442	4.26	3,320	634	19.11	2,077	4,564	6.78
	3	1,393	373	26.77	662	2,123	5.19	1,519	441	29.01	655	2,383	6.68	2,912	812	27.89	1,320	4,504	12.45
	4	3,987	670	16.8	2,674	5,299	6.44	3,721	462	12.42	2,815	4,627	3.25	7,708	1,105	14.34	5,542	9,874	10.62
	5	6,858	1,195	17.42	4,516	9,199	13.43	6,197	1,127	18.19	3,987	8,407	12.9	13,055	2,313	17.72	8,521	17,589	36.38
	Total	14,998	1,937	12.92	11,201	18,795	25.18	14,550	1,644	11.3	11,329	17,772	18.1	29,548	3,571	12.09	22,549	36,547	*****
Dire Dawa	1	4,095	982	23.98	2,170	6,020	3.91	4,504	1,037	23.04	2,470	6,537	3.99	8,598	1,991	23.16	4,695	12,502	8.09
	2	6,683	1,811	20.86	5,134	12,233	6.63	9,010	1,611	17.88	5,852	12,168	5.08	17,693	3,371	19.05	11,085	24,301	12.71
	3	13,656	4,462	32.67	4,911	22,402	27.29	15,202	4,909	32.29	5,580	24,823	30.3	28,858	9,305	32.24	10,620	47,095	70.5
	4	10,425	2,548	24.44	5,431	15,419	11.18	9,960	2,380	23.9	5,294	14,625	10.2	20,385	4,805	23.57	10,968	29,802	23.3
	5	6,749	2,271	33.65	2,298	11,199	13.09	6,152	1,654	26.89	2,909	9,394	7.57	12,900	3,858	29.9	5,339	20,461	21.38
	Total	43,608	7,940	18.21	28,046	59,170	45.15	44,827	7,633	17.03	29,867	59,786	41.7	88,435	15,499	17.53	58,057	118,812	*****

Table 2. Regional Growth and Contribution of Agriculture to Regional Economic Growth by Region, 1994-2004

Region Country	HH Size	Gender of Household Members																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
					Lower	Upper					Lower	Upper					Lower	Upper		
	1	96,948	12,278	12.66	72,884	121,012	1.46	189,138	19,143	10.12	151,618	226,658	1.84	286,087	23,752	8.3	239,533	332,641	1.89	
	2	429,230	32,589	7.59	365,356	493,103	2.4	621,719	44,328	7.13	534,836	708,603	3.11	1,050,949	66,772	6.35	920,075	1,181,823	4.35	
	3	646,123	37,897	5.87	571,845	720,401	2.2	786,661	57,224	7.27	674,503	898,820	4.16	1,432,784	84,469	5.9	1,267,225	1,598,343	5.29	
	4	977,571	61,915	6.33	856,216	1,098,925	3.99	964,198	63,795	6.62	839,160	1,089,235	4.29	1,941,768	115,997	5.97	1,714,414	2,169,123	7.73	
	5	950,304	67,974	7.15	817,076	1,083,533	4.94	885,418	65,208	7.36	757,610	1,013,226	4.85	1,835,723	122,919	6.7	1,594,800	2,076,645	9.09	
	6	1,007,942	64,946	6.44	880,649	1,135,236	4.27	832,343	52,449	6.3	729,544	935,142	3.32	1,840,285	106,747	5.8	1,631,061	2,049,510	6.84	
	7	857,950	59,750	6.96	740,841	975,059	4.19	680,041	53,017	7.8	576,127	783,955	4.09	1,537,991	101,954	6.63	1,338,161	1,737,822	7.25	
	8	507,579	41,998	8.27	425,263	589,894	3.39	385,705	39,810	10.32	307,678	463,732	3.97	893,283	74,223	8.31	747,806	1,038,760	6.23	
	9	310,075	41,060	13.24	229,597	390,552	5.21	231,237	34,332	14.85	163,946	298,528	4.86	541,311	71,071	13.13	402,013	680,610	9.13	
	10+	314,959	71,621	22.74	174,581	455,336	15.63	231,658	48,041	20.74	137,497	325,819	9.49	546,617	115,659	21.16	319,925	773,309	23.96	
	Total	6,098,680	328,984	5.39	5,453,872	6,743,489	33.98	5,808,119	311,472	5.36	5,197,634	6,418,604	30.5	11,906,800	612,820	5.15	10,705,672	13,107,927	*****	
Tigray	1	13,845	3,909	28.23	6,184	21,507	1.33	18,119	4,831	26.66	8,650	27,588	1.56	31,964	5,734	17.94	20,725	43,204	1.26	
	2	31,672	5,591	17.65	20,712	42,631	1.21	31,192	6,538	20.96	18,377	44,007	1.68	62,864	9,761	15.53	43,733	81,994	1.93	
	3	54,533	9,774	17.92	35,376	73,690	2.21	50,970	9,624	18.88	32,107	69,833	2.28	105,503	17,235	16.34	71,723	139,283	3.78	
	4	68,339	11,821	17.01	45,561	91,117	2.54	72,076	11,452	15.89	49,631	94,522	2.35	140,416	21,005	14.96	99,246	181,585	4.42	
	5	68,323	12,402	18.15	44,016	92,630	2.89	58,245	12,357	21.22	34,025	82,466	3.32	126,568	23,225	18.35	81,047	172,089	5.88	
	6	77,571	11,176	14.41	55,666	99,476	2.09	63,374	9,186	14.49	45,370	81,379	1.7	140,945	18,382	13.04	104,916	176,974	3.37	
	7	70,152	13,140	18.73	44,399	95,906	3.16	42,397	7,798	18.39	27,113	57,681	1.78	112,550	19,832	17.62	73,679	151,420	4.74	
	8	68,394	13,106	19.16	42,707	94,082	3.22	46,173	11,638	25.21	23,362	68,984	3.67	114,568	23,408	20.43	68,688	160,448	6.5	
	9	27,044	10,723	39.65	6,027	48,061	5.2	18,474	7,308	39.56	4,151	32,798	3.5	45,519	17,074	37.51	12,053	78,984	8	
	10+	9,922	3,696	37.25	2,679	17,166	1.65	4,397	2,291	52.09	-92	8,887	1.42	14,320	4,859	33.94	4,795	23,844	1.99	
	Total	489,795	57,360	11.71	377,369	602,222	17.58	405,420	56,187	13.86	295,293	515,546	16.9	895,215	110,710	12.37	678,224	1,112,206	*****	
Affar	1	577	137	23.79	308	846	0.53	537	219	40.83	107	968	1.46	1,115	273	24.46	580	1,649	1.1	
	2	1,444	360	24.94	738	2,149	1.5	1,529	626	40.9	303	2,756	4.29	2,973	812	27.3	1,382	4,564	3.86	
	3	3,438	708	20.58	2,051	4,824	2.57	1,891	743	39.3	435	3,348	4.94	5,329	1,345	25.23	2,693	7,964	6.33	
	4	3,932	1,029	26.16	1,916	5,948	4.82	2,605	947	36.34	749	4,461	5.94	6,537	1,920	29.37	2,774	10,300	10.91	
	5	3,633	1,073	29.54	1,530	5,737	5.63	2,541	818	32.21	937	4,145	4.54	6,174	1,773	28.72	2,698	9,650	9.75	
	6	3,544	1,155	32.58	1,281	5,807	6.66	2,076	815	39.26	479	3,674	5.44	5,620	1,818	32.34	2,058	9,182	11.06	
	7	2,472	773	31.29	956	3,987	4.16	1,089	380	34.88	345	1,834	2.19	3,561	1,090	30.61	1,424	5,698	5.91	
	8	2,337	717	30.67	932	3,742	3.76	1,405	536	38.14	355	2,456	3.41	3,743	1,203	32.13	1,386	6,099	6.88	
	9	692	184	26.65	331	1,054	0.81	298	167	55.97	-29	625	1.51	990	315	31.77	374	1,607	1.65	
	10+	1,906	1,164	61.06	-375	4,188	12.03	776	776	100	-745	2,296	12.7	2,682	1,709	63.72	-668	6,032	18.82	
	Total	23,975	5,884	24.54	12,442	35,507	61	14,748	4,953	33.58	5,041	24,456	43.2	38,723	10,281	26.55	18,572	58,874	*****	
Amhara	1	23,535	6,059	25.75	11,659	35,412	0.97	70,347	12,261	17.43	46,316	94,378	1.35	93,882	14,416	15.36	65,626	122,138	1.4	
	2	146,379	18,717	12.79	109,693	183,065	1.54	300,717	32,130	10.68	237,742	363,692	2.31	447,096	43,593	9.75	361,653	532,538	2.98	
	3	205,890	23,582	11.45	159,669	252,110	1.77	299,987	36,599	12.24	227,353	370,822	3.01	504,977	53,054	10.51	400,991	608,963	3.98	
	4	336,887	37,221	11.05	263,933	409,840	2.79	362,162	45,512	12.57	272,959	451,365	3.91	699,049	77,855	11.14	546,452	851,646	6.58	
	5	351,046	35,822	10.2	280,836	421,257	2.49	320,810	38,637	12.04	245,082	396,538	3.15	671,856	67,401	10.03	539,751	803,961	5.08	
	6	298,617	29,456	9.86	240,882	356,351	1.95	264,317	30,808	11.66	203,932	324,701	2.39	562,933	52,915	9.4	459,220	666,646	3.61	
	7	253,105	31,046	12.27	192,255	313,955	2.53	219,864	28,964	13.17	163,094	276,633	2.51	472,969	54,940	11.62	365,287	580,651	4.51	
	8	100,568	21,141	21.02	59,132	142,005	2.83	80,645	22,428	27.81	36,686	124,605	3.94	181,214	40,090	22.12	102,638	259,790	5.76	
	9	56,088	12,932	23.06	30,740	81,435	1.87	50,004	12,201	24.4	26,090	73,919	1.87	106,092	23,302	21.96	60,419	151,765	3.26	
	10+	34,356	14,670	42.7	5,604	63,109	3.91	28,671	12,090	42.17	4,974	52,368	3.18	63,027	25,054	39.75	13,921	112,133	6.27	
	Total	1,806,471	146,274	8.1	1,519,774	2,093,168	13.96	1,996,624	185,516	9.29	1,633,012	2,360,235	22.5	3,803,095	314,717	8.28	3,186,250	4,419,939	*****	

Oromiya	1	24,446	6,548	26.79	11,611	37,281	0.92	56,721	11,360	20.03	34,456	78,987	1.2	81,167	14,471	17.83	52,804	109,531	1.37
	2	135,813	21,574	15.89	93,528	178,098	1.84	164,084	24,942	15.2	115,198	212,971	2.05	299,897	42,323	14.11	216,945	382,850	3.34
	3	213,891	21,244	9.93	172,253	255,529	1.15	262,637	37,527	14.29	189,084	336,189	2.97	476,528	53,414	11.21	371,836	581,219	3.49
	4	308,088	42,553	13.81	224,684	391,493	3.29	294,583	35,388	12.01	225,222	363,943	2.37	602,671	70,627	11.72	464,243	741,099	4.99
	5	309,243	53,843	17.41	203,710	414,776	5.25	318,829	46,558	14.6	227,575	410,084	3.82	628,072	94,628	15.07	442,601	813,543	8.66
	6	385,253	51,990	13.5	283,352	487,154	4	331,824	37,991	11.45	257,362	406,286	2.45	717,077	83,867	11.7	552,697	881,457	6.1
	7	324,204	43,358	13.37	239,223	409,185	3.26	287,550	35,439	12.32	218,089	357,010	2.43	611,754	71,507	11.69	471,601	751,907	5.05
	8	226,912	30,085	13.26	167,946	285,878	2.19	179,005	26,721	14.93	126,633	231,378	2.16	405,917	50,643	12.48	306,657	505,177	3.62
	9	143,106	35,461	24.78	73,602	212,610	4.73	93,406	27,104	29.02	40,282	146,530	4.18	236,512	60,424	25.55	118,081	354,944	8.49
	10+	204,601	68,968	33.71	69,424	339,777	12.69	152,510	44,734	29.33	64,832	240,189	7.08	357,111	110,647	30.98	140,242	573,980	19.42
Total	2,275,557	274,287	12.05	1,737,954	2,813,160	35.51	2,141,150	221,728	10.36	1,706,563	2,575,737	23.2	4,416,707	481,460	10.9	3,473,047	5,360,368	*****	
Somali	1	1,383	884	63.88	-349	3,115	2.81	2,856	727	25.47	1,430	4,281	0.93	4,239	1,253	29.57	1,782	6,695	1.87
	2	4,310	1,463	33.94	1,443	7,177	2.51	6,295	2,222	35.3	1,940	10,651	4.02	10,606	3,518	33.18	3,710	17,502	6.13
	3	9,940	2,723	27.39	4,604	15,277	3.9	11,974	2,894	24.17	6,303	17,645	3.7	21,914	4,846	22.11	12,416	31,413	6.03
	4	14,480	3,985	27.52	6,670	22,290	5.89	15,371	5,244	34.12	5,093	25,649	9.66	29,851	8,799	29.48	12,604	47,098	15.37
	5	13,957	3,226	23.11	7,634	20,280	3.99	14,699	6,068	41.28	2,806	26,592	13.5	28,656	8,486	29.61	12,023	45,289	14.77
	6	17,396	5,263	30.26	7,080	27,712	8.71	15,851	3,883	24.5	8,240	23,462	5.15	33,247	8,160	24.54	17,253	49,241	12.14
	7	13,154	4,193	31.87	4,937	21,372	7.12	11,916	4,298	36.07	3,491	20,340	8.2	25,070	8,235	32.85	8,930	41,210	15.53
	8	3,733	1,343	35.98	1,100	6,365	2.44	6,529	3,146	48.18	364	12,695	7.77	10,262	4,272	41.63	1,889	18,635	9.32
	9	5,452	2,854	52.36	-143	11,046	7.61	3,481	1,733	49.78	85	6,878	4.35	8,933	4,466	50	179	17,686	11.61
	10+	3,195	2,709	84.8	-2,115	8,505	11.55	3,777	3,286	87.01	-2,664	10,218	14.4	6,972	5,985	85.85	-4,759	18,703	26.41
Total	87,000	22,491	25.85	42,917	131,084	55.67	92,749	29,581	31.89	34,770	150,728	96.3	179,750	49,641	27.62	82,454	277,045	*****	
Benshangul-gumz	1	2,199	696	31.64	836	3,563	0.85	4,405	1,762	40	952	7,858	2.74	6,604	2,192	33.19	2,308	10,901	2.86
	2	9,083	2,115	23.28	4,938	13,228	1.96	11,469	3,576	31.18	4,461	18,478	4.5	20,552	5,466	26.6	9,839	31,265	6.16
	3	12,881	3,358	26.07	6,300	19,463	3.56	14,183	4,506	31.77	5,351	23,016	5.86	27,065	7,509	27.74	12,348	41,782	9.15
	4	16,608	3,927	23.64	8,912	24,304	3.85	14,774	2,326	15.74	10,215	19,333	1.5	31,382	5,846	18.63	19,923	42,841	4.9
	5	18,057	5,332	29.53	7,606	28,508	6.58	17,326	6,892	38.62	4,210	30,443	10.8	35,383	11,798	33.34	12,260	58,507	18.13
	6	16,198	4,819	29.75	6,753	25,644	5.93	14,349	5,050	35.19	4,452	24,246	7.28	30,547	9,652	31.6	11,628	49,466	13.66
	7	7,362	1,874	25.45	3,689	11,034	1.88	5,805	2,722	46.89	469	11,141	5	13,167	4,278	32.49	4,783	21,551	5.66
	8	7,411	2,532	34.17	2,448	12,374	3.42	8,597	4,445	51.71	-116	17,309	9.13	16,008	6,865	42.88	2,553	29,462	12.16
	9	6,795	2,356	34.68	2,176	11,413	3.22	5,597	2,072	37.02	1,536	9,658	3	12,391	4,203	33.92	4,154	20,629	5.78
	10+	4,866	2,249	46.22	458	9,274	4.05	5,142	3,220	62.62	-1,169	11,453	7.87	10,008	5,375	53.71	-527	20,544	11.56
Total	101,460	23,933	23.59	54,551	148,369	42.93	101,648	31,932	31.41	39,060	164,235	76.4	203,108	54,928	27.04	95,448	310,767	*****	
S.N.N.P.R.	1	30,642	7,387	24.11	16,164	45,120	1.42	35,133	7,746	22.05	19,951	50,315	1.36	65,775	10,369	15.76	45,452	86,098	1.32
	2	98,675	14,426	14.62	70,400	126,949	1.73	104,180	15,794	15.16	73,224	135,135	1.97	202,855	25,064	12.36	153,728	251,981	2.86
	3	141,192	17,713	12.55	106,474	175,910	1.86	142,945	20,114	14.07	103,522	182,369	2.37	284,137	32,978	11.61	219,500	348,774	3.42
	4	223,902	21,666	9.68	181,436	266,368	1.82	198,167	24,100	12.16	150,931	245,402	2.51	422,068	42,987	10.18	337,814	506,323	4.2
	5	180,266	15,564	8.63	149,760	210,772	1.14	146,663	18,815	12.83	109,787	183,540	2.02	326,929	29,140	8.91	269,814	384,044	2.37
	6	203,351	21,662	10.65	160,894	245,808	1.98	135,016	15,234	11.28	105,157	164,875	1.43	338,367	32,520	9.61	274,627	402,106	2.87
	7	183,141	23,036	12.58	137,990	228,292	2.47	107,638	25,063	23.28	58,516	156,761	4.8	290,779	42,169	14.5	208,128	373,430	5.49
	8	94,564	15,182	16.05	64,808	124,320	1.99	60,259	14,207	23.58	32,414	88,104	2.7	154,823	26,831	17.33	102,233	207,412	3.91
	9	69,117	11,494	16.63	46,588	91,646	1.55	58,485	15,303	26.17	28,490	88,480	3.22	127,602	22,948	17.98	82,625	172,580	3.43
	10+	54,682	11,417	20.88	32,304	77,059	1.91	35,035	11,548	32.96	12,400	57,669	3.03	89,716	20,365	22.7	49,802	129,631	3.77
Total	1,279,531	84,712	6.62	1,113,496	1,445,566	9.9	1,023,521	91,309	8.92	844,556	1,202,487	11.5	2,303,052	163,627	7.1	1,982,344	2,623,761	*****	
Harari	1	89	62	69.49	-32	210	0.79	329	141	42.78	53	606	1.13	418	141	33.62	143	694	0.9
	2	424	136	32.12	157	692	0.83	597	214	35.85	177	1,016	1.47	1,021	267	26.14	498	1,545	1.39
	3	985	361	36.59	279	1,692	2.61	692	383	55.27	-58	1,442	4.09	1,678	605	36.05	492	2,863	4.57
	4	1,077	265	24.6	558	1,596	1.3	1,194	304	25.48	598	1,790	1.56	2,271	510	22.45	1,271	3,270	2.52
	5	877	298	33.96	293	1,460	1.98	1,443	318	22.07	819	2,067	1.44	2,319	477	20.58	1,384	3,255	2.17
	6	561	196	35.01	176	946	1.32	1,363	429	31.45	523	2,203	2.75	1,924	572	29.74	802	3,045	3.64
	7	435	179	41.25	83	787	1.4	711	197	27.65	326	1,096	1.05	1,146	333	29.04	494	1,798	1.94

	8	330	220	66.55	-100	760	2.75	586	253	43.14	91	1,082	2.09	916	438	47.77	58	1,774	4.12
	9	590	243	41.19	114	1,067	1.92	521	205	39.34	119	923	1.54	1,111	422	37.95	285	1,938	3.2
	10+	435	179	41.26	83	787	1.4	376	173	46	37	715	1.5	811	329	40.63	165	1,456	2.61
	Total	5,803	1,239	21.36	3,374	8,232	8.47	7,812	1,574	20.15	4,727	10,897	13.7	13,615	2,623	19.27	8,474	18,757	*****
Addis Ababa	1	54	24	44.05	7	101	0.5	71	38	53.85	-4	146	0.99	125	38	30.62	50	200	0.57
	2	188	69	36.73	53	324	1.25	130	45	34.5	42	218	0.75	318	98	30.77	126	510	1.51
	3	412	82	19.92	251	572	0.83	323	72	22.4	181	465	0.82	735	119	16.2	502	968	1.04
	4	805	146	18.17	518	1,092	1.45	453	77	17.04	301	604	0.67	1,258	179	14.27	906	1,609	1.52
	5	733	94	12.89	548	918	0.66	393	52	13.27	291	496	0.35	1,126	133	11.79	866	1,386	0.91
	6	483	82	16.93	323	643	0.71	285	60	21.07	167	403	0.63	768	106	13.73	561	975	0.79
	7	364	93	25.42	183	546	1.19	187	56	30.18	76	297	0.84	551	146	26.41	266	836	2.01
	8	331	89	26.81	157	505	1.2	158	83	52.92	-6	321	2.16	489	159	32.62	176	801	2.69
	9	224	46	20.43	134	314	0.46	136	43	31.67	51	220	0.66	360	84	23.38	195	524	0.99
	10+	444	124	27.93	201	687	1.77	201	31	15.44	140	262	0.24	644	120	18.59	410	879	1.18
	Total	4,038	373	9.23	3,308	4,768	4.47	2,336	229	9.79	1,888	2,785	1.69	6,374	546	8.57	5,304	7,444	*****
Dire Dawa	1	177	96	54.23	-11	366	0.84	619	175	28.17	277	962	0.8	797	208	26.08	390	1,204	0.88
	2	1,242	328	26.43	599	1,885	1.42	1,525	426	27.96	690	2,361	1.97	2,767	707	25.56	1,381	4,154	3.07
	3	2,961	364	12.31	2,247	3,676	0.76	1,957	471	24.09	1,033	2,881	1.89	4,919	742	15.08	3,465	6,372	1.99
	4	3,452	626	18.12	2,226	4,679	1.95	2,814	508	18.07	1,817	3,811	1.56	6,267	1,042	16.62	4,225	8,308	3.19
	5	4,170	1,414	33.9	1,399	6,940	8.39	4,469	1,597	35.73	1,339	7,598	10.1	8,638	2,956	34.22	2,844	14,433	19.78
	6	4,969	924	18.59	3,158	6,780	3.07	3,888	703	18.07	2,511	5,265	2.21	8,857	1,534	17.32	5,850	11,865	5.23
	7	3,561	1,100	30.88	1,405	5,716	5.86	2,884	984	34.13	955	4,813	5.71	6,444	2,029	31.49	2,467	10,422	11.82
	8	2,998	855	28.5	1,323	4,673	4.15	2,346	714	30.45	946	3,747	3.66	5,345	1,505	28.16	2,395	8,295	7.63
	9	967	524	54.16	-59	1,993	4.62	834	455	54.56	-58	1,726	4.04	1,801	958	53.19	-77	3,679	8.46
	10+	552	214	38.74	133	971	1.34	774	526	68.03	-258	1,805	5.81	1,326	670	50.54	13	2,639	5.56
	Total	25,050	4,416	17.63	16,396	33,705	26.51	22,111	4,368	19.76	13,549	30,673	25.9	47,161	8,603	18.24	30,299	64,023	*****

Region	City	Year	2010		2011		2012		2013		2014		2015		2016		2017		2018	
			Value	%	Value	%	Value	%	Value	%	Value	%	Value	%	Value	%	Value	%	Value	%

Table 11 Standard Errors and Coefficient of Variations of Estimates of Income Contributed Household Members by Expenditure Quintile, Gender and Regions, Rural - 2004/5

Region	Exp. Quin	Gender of Household Members																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
					Lower	Upper					Lower	Upper					Lower	Upper		
Country	1	852,891	61,539	7.22	732,275	973,506	4.47	1,281,736	91,688	7.15	1,102,027	1,461,445	6.87	2,134,627	142,240	6.66	1,855,837	2,413,416	10.79	
	2	1,194,060	75,226	6.3	1,046,616	1,341,503	4.92	1,226,983	78,926	6.43	1,072,289	1,381,677	5.29	2,421,043	140,078	5.79	2,146,489	2,695,596	9.5	
	3	1,377,526	84,908	6.16	1,211,106	1,543,946	5.53	1,159,028	84,278	7.27	993,843	1,324,214	6.34	2,536,554	160,207	6.32	2,222,548	2,850,561	12.01	
	4	1,328,160	83,995	6.32	1,163,530	1,492,789	5.58	1,084,500	72,822	6.71	941,769	1,227,232	5.02	2,412,660	142,909	5.92	2,132,559	2,692,761	9.92	
	5	1,346,045	118,004	8.77	1,114,756	1,577,333	10.89	1,055,872	90,807	8.6	877,890	1,233,853	8	2,401,916	194,425	8.09	2,020,844	2,782,988	18.41	
	Total	6,098,680	328,984	5.39	5,453,872	6,743,489	33.98	5,808,119	311,472	5.36	5,197,634	6,418,604	30.5	11,906,800	612,820	5.15	10,705,672	13,107,927	*****	
Tigray	1	74,241	11,351	15.29	51,993	96,489	2.24	110,588	17,474	15.8	76,339	144,838	3.73	184,829	25,512	13.8	134,826	234,832	5.26	
	2	115,111	16,385	14.23	82,996	147,225	3.17	82,235	13,690	16.65	55,403	109,067	2.97	197,346	26,489	13.42	145,428	249,263	5.41	
	3	112,366	17,434	15.52	78,194	146,537	3.67	82,467	15,864	19.24	51,374	113,560	3.98	194,833	32,144	16.5	131,831	257,835	8.03	
	4	109,436	21,187	19.36	67,910	150,963	5.54	68,353	13,627	19.94	41,645	95,061	3.49	177,789	33,746	18.98	111,648	243,930	9.47	
	5	78,642	15,665	19.92	47,939	109,345	4.05	61,776	15,906	25.75	30,600	92,953	5.21	140,418	30,166	21.48	81,292	199,544	9.11	
	Total	489,795	57,360	11.71	377,369	602,222	17.58	405,420	56,187	13.86	295,293	515,546	16.9	895,215	110,710	12.37	678,224	1,112,206	*****	
Affar	1	2,759	716	25.97	1,355	4,163	3.22	2,368	644	27.19	1,106	3,630	3	5,127	1,291	25.17	2,597	7,657	6.03	
	2	4,299	1,021	23.74	2,299	6,300	4.39	2,954	983	33.28	1,027	4,882	5.7	7,254	1,924	26.52	3,483	11,024	10.1	
	3	5,702	1,356	23.78	3,045	8,359	6.08	2,952	1,165	39.46	669	5,236	8.01	8,654	2,363	27.31	4,022	13,287	13.37	
	4	6,141	1,769	28.8	2,674	9,608	9.74	4,094	1,610	39.34	937	7,250	11.4	10,235	3,120	30.48	4,120	16,350	20.8	
	5	5,073	1,626	32.04	1,887	8,259	9.64	2,380	1,203	50.57	21	4,739	10.4	7,453	2,576	34.57	2,404	12,502	17.74	
	Total	23,975	5,884	24.54	12,442	35,507	6.1	14,748	4,953	33.58	5,041	24,456	43.2	38,723	10,281	26.55	18,572	58,874	*****	
Amhara	1	356,618	44,710	12.54	268,987	444,249	3.83	635,730	72,964	11.48	492,721	778,729	6.22	992,348	109,411	11.03	777,902	1,206,794	10.1	
	2	393,499	41,412	10.52	312,330	474,667	3.01	455,488	51,632	11.34	354,289	556,686	4.12	848,986	84,452	9.95	683,460	1,014,513	6.69	
	3	422,424	41,221	9.76	341,631	503,217	2.8	363,197	46,506	12.8	272,044	454,349	4.08	785,621	80,882	10.3	627,092	944,150	6.5	
	4	366,259	37,691	10.29	292,385	440,133	2.66	300,606	37,999	12.64	226,128	375,084	3.23	666,865	67,798	10.17	533,980	799,749	5.17	
	5	267,672	34,559	12.91	199,936	335,407	2.97	241,603	31,496	13.04	179,872	303,335	2.71	509,275	59,267	11.64	393,112	625,438	4.93	
	Total	1,806,471	146,274	8.1	1,519,774	2,093,168	13.96	1,996,624	185,516	9.29	1,633,012	2,360,235	22.5	3,803,095	314,717	8.28	3,186,250	4,419,939	*****	
Oromiya	1	188,431	31,448	16.69	126,793	250,068	2.85	253,982	39,813	15.68	175,949	332,015	3.45	442,412	66,722	15.08	311,637	573,188	5.82	
	2	330,778	53,114	16.06	226,674	434,881	4.8	374,916	49,763	13.27	277,381	472,452	3.76	705,694	93,859	13.3	521,731	889,657	7.74	
	3	482,743	67,269	13.93	350,896	614,590	5.48	448,005	62,505	13.95	325,495	570,515	5.05	930,748	124,820	13.41	686,100	1,175,396	11.04	
	4	545,312	66,440	12.18	415,090	675,534	4.81	494,617	56,407	11.33	384,765	604,470	3.72	1,039,930	112,795	10.85	818,851	1,261,099	8.33	
	5	728,293	107,115	14.71	518,349	938,238	9.82	569,630	77,407	13.59	417,912	721,348	6.29	1,297,923	172,919	13.32	959,003	1,636,844	16.99	
	Total	2,275,557	274,287	12.05	1,737,954	2,813,160	35.51	2,141,150	221,728	10.36	1,706,563	2,575,737	23.2	4,416,707	481,460	10.9	3,473,047	5,360,368	*****	
Somali	1	7,505	2,487	33.14	2,631	12,380	4.25	12,106	3,089	25.52	6,051	18,161	4.18	19,611	5,159	26.31	9,500	29,722	7.52	
	2	25,821	7,533	29.17	11,056	40,587	12.68	23,159	8,078	34.88	7,326	38,991	16	48,980	15,071	30.77	19,441	78,520	31.49	
	3	22,486	8,611	38.3	5,608	39,364	18.62	23,971	9,065	37.81	6,205	41,738	19.5	46,457	15,769	33.94	15,550	77,364	35.66	
	4	17,648	4,941	28	7,962	27,333	7.58	21,194	8,163	38.51	5,195	37,192	17.6	38,841	12,896	33.2	13,566	64,117	26.98	
	5	13,540	4,466	32.98	4,788	22,293	7.87	12,319	5,268	43.23	1,881	22,758	12.2	25,860	9,545	36.91	7,152	44,567	20.33	
	Total	87,000	22,491	25.85	42,917	131,084	55.67	92,749	29,581	31.89	34,770	150,728	96.3	179,750	49,641	27.62	82,454	277,045	*****	
Benshangul-gum:	1	8,698	2,487	28.6	3,823	13,574	2.83	13,992	5,002	35.75	4,189	23,796	7.31	22,691	7,251	31.96	8,478	36,903	9.93	
	2	22,023	5,360	24.34	11,517	32,529	5.57	19,624	5,354	27.28	9,130	30,118	6.15	41,647	10,353	24.86	21,355	61,939	12.32	
	3	25,839	5,999	23.22	14,081	37,598	6.07	21,151	4,526	21.4	12,280	30,022	4.11	46,990	9,896	21.06	27,594	66,386	10.32	
	4	26,533	8,984	33.86	8,924	44,142	13.32	23,410	8,878	37.92	6,010	40,810	14.5	49,943	17,740	35.52	15,172	84,713	31.8	
	5	18,366	7,131	38.83	4,390	32,343	11.58	23,471	13,846	58.99	-3,667	50,610	35.2	41,838	20,888	49.93	896	82,779	49.99	
	Total	101,460	23,933	23.59	54,551	148,369	42.93	101,648	31,932	31.41	39,060	164,235	76.4	203,108	54,928	27.04	95,448	310,767	*****	
S.N.N.P.R.	1	211,460	25,633	12.12	161,219	261,701	2.68	248,931	34,017	13.67	182,259	315,604	4.09	460,391	55,465	12.05	351,679	569,104	6.55	
	2	295,982	27,692	9.36	241,705	350,258	2.33	263,551	28,359	10.76	207,968	319,133	2.7	559,532	51,362	9.18	458,863	660,201	4.88	
	3	296,432	23,704	8	249,972	342,891	1.71	208,300	25,896	12.43	157,544	259,056	2.78	504,731	46,169	9.15	414,241	595,222	4.24	
	4	248,429	25,703	10.35	198,051	298,808	2.34	164,567	19,510	11.86	126,327	202,807	1.95	412,996	38,251	9.26	338,024	487,968	3.39	
	5	227,228	30,615	13.47	167,223	287,233	3.59	138,173	28,039	20.29	83,217	193,129	4.75	365,401	54,217	14.84	259,136	471,686	7.5	
	Total	1,279,531	84,712	6.62	1,113,496	1,445,566	9.9	1,023,521	91,309	8.92	844,556	1,202,487	11.5	2,303,052	163,627	7.1	1,982,344	2,623,761	*****	

Table 12 Standard Errors and Coefficient of Variations of the Estimates of Literacy Status of Population Aged 5 Years and Above by Expenditure Quintile and Regions, Rural - 2004/5

Region	Exp. Quin	Literacy Status																		
		Literate							Illiterate							Not Stated				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
					Lower	Upper					Lower	Upper					Lower	Upper		
Country	1	936,016	67,801	7.24	803,125	1,068,907	4.24	4,674,320	288,520	6.17	4,108,821	5,239,820	16.8	11,121	6,436	57.87	-1,493	23,736	3.15	
	2	1,656,791	120,960	7.3	1,419,709	1,893,873	7.75	6,427,272	335,111	5.21	5,770,454	7,084,091	17.2	5,357	2,924	54.59	-375	11,088	1.35	
	3	2,279,422	149,811	6.57	1,985,792	2,573,052	8.76	7,137,288	385,745	5.4	6,381,228	7,893,347	20.9	5,729	2,709	47.28	420	11,038	1.08	
	4	2,956,351	191,804	6.49	2,580,416	3,332,286	11.25	7,952,468	392,518	4.94	7,183,133	8,721,803	19.9	15,647	8,297	53.03	-615	31,909	3.72	
	5	3,733,902	270,297	7.24	3,204,119	4,263,685	18.02	7,627,230	486,231	6.37	6,674,216	8,580,243	31.5	4,110	2,545	61.91	-877	9,098	1.33	
Total	11,562,482	632,628	5.47	10,322,530	12,802,433	39.24	33,818,578	1,444,654	4.27	30,987,057	36,650,100	20.4	41,964	11,584	27.6	19,260	64,668	2.7		
Tigray	1	107,542	18,302	17.02	71,671	143,413	3.88	338,010	38,973	11.53	261,624	414,397	6.12	2,589	1,845	71.26	-1,027	6,204	1.58	
	2	170,475	29,492	17.3	112,671	228,279	6.51	463,476	48,646	10.5	368,131	558,821	7.32	1,484	1,022	68.85	-519	3,487	0.84	
	3	197,607	31,335	15.86	136,189	259,024	6.41	435,870	57,654	13.23	322,869	548,871	10.8	0	0	0	0	0	0	
	4	221,145	36,807	16.64	149,004	293,286	7.97	396,997	55,341	13.94	288,529	505,466	10.8	995	995	100	-955	2,944	1.19	
	5	185,441	37,954	20.47	111,050	259,831	9.97	329,862	62,294	18.88	207,765	451,959	16	0	0	0	0	0	0	
Total	882,210	110,082	12.48	666,448	1,097,971	23.87	1,964,215	168,572	8.58	1,633,813	2,294,617	55.8	5,068	2,332	46.01	498	9,638	1.29		
Affar	1	1,732	890	51.39	-12	3,476	7.36	9,221	2,854	30.95	3,627	14,816	15.3	0	0	0	0	0	0	
	2	2,583	636	24.61	1,337	3,829	2.54	15,300	4,329	28.29	6,815	23,784	22.5	0	0	0	0	0	0	
	3	3,734	850	22.75	2,069	5,399	3.17	24,065	6,897	28.66	10,546	37,584	39.9	247	247	100	-237	732	3.93	
	4	4,667	1,174	25.14	2,367	6,968	4.88	23,722	8,197	34.55	7,656	39,789	57	49	49	100	-47	145	0.77	
	5	5,304	1,656	31.23	2,058	8,550	8.6	20,909	7,427	35.52	6,351	35,467	51.4	76	76	100	-73	225	1.2	
Total	18,020	3,791	21.04	10,589	25,452	15.07	93,217	27,474	29.47	39,369	147,065	77.8	372	260	69.82	-137	881	2.88		
Amhara	1	351,272	44,147	12.57	264,744	437,799	3.52	2,052,277	195,107	9.51	1,669,868	2,434,686	13.7	5,887	5,887	100	-5,651	17,425	3.63	
	2	550,123	60,607	11.02	431,333	668,913	4.3	2,140,237	180,771	8.45	1,785,926	2,494,547	11.3	0	0	0	0	0	0	
	3	576,263	52,776	9.16	472,822	679,704	3.12	2,166,706	163,432	7.54	1,846,379	2,487,033	9.17	0	0	0	0	0	0	
	4	559,441	58,209	10.4	445,352	673,531	3.9	2,060,705	159,288	7.73	1,748,502	2,372,909	9.07	0	0	0	0	0	0	
	5	660,964	65,240	9.87	533,093	788,834	4.19	1,510,703	132,989	8.8	1,250,045	1,771,362	8.19	0	0	0	0	0	0	
Total	2,698,063	170,858	6.33	2,363,182	3,032,944	8.48	9,930,629	575,812	5.8	8,802,038	11,059,220	96.1	5,887	5,887	100	-5,651	17,425	3.63		
Oromiya	1	245,386	38,047	15.5	170,814	319,957	3.18	994,313	137,752	13.85	724,319	1,264,308	10.7	0	0	0	0	0	0	
	2	506,738	92,038	18.16	326,343	687,132	9.14	2,032,684	233,084	11.47	1,575,820	2,489,508	16	3,873	2,740	70.75	-1,497	9,243	1.03	
	3	880,310	125,682	14.28	633,973	1,126,646	10.02	2,700,231	309,339	11.46	2,093,926	3,306,535	22	1,739	1,739	100	-1,669	5,146	0.93	
	4	1,364,226	166,655	12.22	1,037,583	1,690,869	11.68	3,634,416	327,433	9.01	2,992,647	4,276,185	19.5	9,234	7,662	82.98	-5,784	24,252	3.36	
	5	1,931,509	241,906	12.52	1,457,373	2,405,644	17.97	4,404,741	445,976	10.12	3,530,628	5,278,854	31.4	2,095	2,095	100	-2,011	6,201	1.11	
Total	4,928,168	569,000	11.55	3,812,927	6,043,408	47.45	13,766,366	1,200,735	8.72	11,412,926	16,119,807	21.1	16,940	8,485	50.09	309	33,571	2.26		
Somali	1	2,738	932	34.05	911	4,565	1.62	38,741	9,012	23.26	21,077	56,405	11.8	0	0	0	0	0	0	
	2	8,414	2,596	30.86	3,325	13,503	4.15	86,955	25,227	29.01	37,510	136,400	48.3	0	0	0	0	0	0	
	3	9,340	3,156	33.78	3,155	15,525	5.53	80,651	30,853	38.25	20,180	141,122	76.2	0	0	0	0	0	0	
	4	8,589	3,376	39.31	1,972	15,206	6.87	92,900	43,375	46.69	7,885	177,915	136	0	0	0	0	0	0	
	5	5,741	1,084	28.98	1,616	5,866	1.61	41,465	12,128	29.25	17,694	65,236	20.2	0	0	0	0	0	0	
Total	32,823	9,050	27.57	15,084	50,562	13.84	340,712	109,481	32.13	126,130	555,295	0	0	0	0	0	0	0		
Benshangul-gum:	1	8,297	2,568	30.95	3,263	13,331	3.11	36,338	9,152	25.19	18,400	54,276	9.5	0	0	0	0	0	0	
	2	19,455	4,680	24.05	10,283	28,627	4.5	70,031	16,406	23.43	37,876	102,187	16.9	0	0	0	0	0	0	
	3	30,307	5,285	17.44	19,948	40,666	3.76	91,657	16,660	18.18	59,004	124,310	14	1,059	796	75.2	-502	2,619	2.31	
	4	44,789	11,644	26	21,966	67,611	12.69	112,945	34,005	30.11	46,294	179,595	49.4	234	234	100	-225	692	0.9	
	5	57,609	18,339	31.83	21,663	93,554	25.09	91,091	30,755	33.76	30,811	151,372	47.8	0	0	0	0	0	0	
Total	160,456	34,103	21.25	93,614	227,299	39.08	402,063	89,556	22.27	226,533	577,593	26.8	1,293	759	58.72	-195	2,780	1.72		
S.N.N.P.R.	1	217,185	29,278	13.48	159,800	274,569	3.16	1,194,477	156,546	13.11	887,647	1,501,307	18.3	2,579	1,833	71.06	-1,013	6,171	1.02	
	2	394,400	39,843	10.1	316,308	472,492	3.28	1,601,505	148,317	9.26	1,310,804	1,892,206	12.8	0	0	0	0	0	0	
	3	575,099	53,278	9.26	470,675	679,523	4.1	1,611,500	147,525	9.15	1,322,351	1,900,650	12.9	2,685	1,903	70.87	-1,044	6,413	1.06	
	4	743,482	64,195	8.63	617,659	869,304	4.69	1,603,986	123,712	7.71	1,361,510	1,846,461	8.9	5,073	3,014	59.41	-834	10,980	1.4	
	5	871,425	92,185	10.58	690,741	1,052,108	8.37	1,193,022	121,599	10.19	954,689	1,431,356	11	1,406	1,406	100	-1,350	4,161	1.1	
Total	2,801,590	184,024	6.57	2,440,903	3,162,277	13.15	7,204,491	514,213	7.14	6,196,633	8,212,348	102	11,742	4,619	39.34	2,688	20,796	1.43		
Harari	1	267	129	48.21	15	520	1.15	2,739	816	29.81	1,139	4,339	4.7	0	0	0	0	0	0	

Table 13 Standard Errors and Coefficient of Variations of Household Estimates by Household Size, Gender of Household Head and Regions, Urban - 2004/5

Region	HH Size	Gender of Head																	
		Male						Female						Total					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		
					Lower	Upper					Lower	Upper					Lower	Upper	DE
Country	1	122,224	9,243	7.56	104,109	140,340	4.21	119,886	6,600	5.51	106,949	132,822	2.18	242,110	11,580	4.78	219,412	264,808	3.55
	2	138,825	7,220	5.2	124,674	152,977	2.28	165,958	8,936	5.38	148,443	183,472	2.96	304,783	12,292	4.03	280,691	328,875	3.28
	3	181,472	8,441	4.65	164,927	198,017	2.44	163,181	7,718	4.73	148,054	178,309	2.24	344,653	11,335	3.29	322,436	366,870	2.52
	4	220,980	10,477	4.74	200,446	241,515	3.14	128,957	6,708	5.2	115,809	142,106	2.11	349,938	13,061	3.73	324,337	375,538	3.31
	5	199,222	9,435	4.74	180,729	217,715	2.8	104,988	5,748	5.47	93,723	116,253	1.88	304,211	11,468	3.77	281,733	326,688	2.86
	6	163,180	8,366	5.13	146,782	179,578	2.64	58,479	4,306	7.36	50,040	66,919	1.85	221,659	9,389	4.24	203,257	240,062	2.52
	7	116,351	7,415	6.37	101,817	130,885	2.84	35,164	2,963	8.43	29,356	40,972	1.44	151,515	8,331	5.5	135,187	167,843	2.8
	8	76,781	6,462	8.42	64,115	89,447	3.2	19,183	1,883	9.81	15,493	22,874	1.06	95,965	6,870	7.16	82,500	109,429	2.92
	9	43,015	3,757	8.74	35,650	50,379	1.9	9,502	1,375	14.47	6,808	12,196	1.13	52,517	4,050	7.71	44,578	60,455	1.82
	10+	47,428	3,569	7.52	40,433	54,422	1.56	16,999	2,294	13.5	12,502	21,497	1.77	64,427	4,118	6.39	56,356	72,498	1.54
	Total	1,309,480	33,876	2.82	1,237,203	1,381,757	15.28	822,298	22,808	2.77	777,594	867,003	5.84	2,131,778	49,082	2.3	2,035,577	2,227,979	*****
Tigray	1	4,092	946	23.11	2,239	5,946	1.04	15,685	1,638	10.44	12,475	18,895	0.87	19,778	2,021	10.22	15,817	23,739	1.08
	2	13,486	2,801	20.77	7,996	18,976	2.93	23,869	2,212	9.27	19,532	28,205	1.1	37,355	3,505	9.38	30,485	44,225	1.91
	3	15,721	4,072	25.9	7,740	23,701	5.37	21,687	3,037	14	15,734	27,640	2.24	37,408	4,643	12.41	28,308	46,507	3.35
	4	18,804	3,431	18.25	12,080	25,528	3.24	16,110	2,742	17.02	10,736	21,485	2.38	34,914	4,677	13.39	25,748	44,080	3.58
	5	12,971	2,737	21.1	7,607	18,336	2.9	9,460	1,626	17.19	6,273	12,647	1.37	22,432	3,999	17.83	14,593	30,270	3.78
	6	9,970	1,723	17.28	6,593	13,347	1.47	5,139	1,240	24.12	2,709	7,569	1.44	15,109	1,798	11.9	11,586	18,633	1.09
	7	8,294	3,686	44.45	1,069	15,519	8	2,253	675	29.95	931	3,576	0.96	10,547	3,749	35.55	3,198	17,896	6.59
	8	7,571	3,699	48.85	321	14,820	8.79	735	301	40.95	145	1,325	0.58	8,306	3,676	44.26	1,100	15,511	7.95
	9	3,130	946	30.21	1,277	4,984	1.36	159	159	100	-152	470	0.74	3,289	978	29.74	1,372	5,206	1.38
	10+	1,449	508	35.03	454	2,444	0.84	88	88	100	-85	262	0.41	1,537	513	33.37	532	2,543	0.81
	Total	95,488	15,909	16.66	64,307	126,669	24.81	95,186	6,250	6.57	82,936	107,436	3.83	190,675	20,085	10.53	151,308	230,041	*****
Affar	1	1,972	507	25.69	979	2,965	3.14	1,786	430	24.07	943	2,629	2.48	3,758	850	22.63	2,091	5,425	5.03
	2	3,152	616	19.55	1,944	4,360	3.06	2,153	538	25.01	1,097	3,208	3.27	5,305	984	18.55	3,376	7,233	5.15
	3	3,845	538	14	2,790	4,900	1.98	1,400	331	23.67	751	2,050	1.85	5,245	765	14.58	3,746	6,744	3.14
	4	2,237	319	14.26	1,612	2,862	1.11	313	99	31.71	118	507	0.71	2,550	319	12.51	1,924	3,175	0.99
	5	1,882	359	19.09	1,178	2,586	1.65	340	180	52.92	-13	693	2.14	2,222	495	22.26	1,253	3,192	2.68
	6	1,998	398	19.9	1,219	2,778	1.91	543	246	45.37	60	1,025	2.53	2,541	541	21.3	1,480	3,602	2.85
	7	1,201	627	52.23	-28	2,431	7.64	118	50	42.56	20	216	0.48	1,319	627	47.54	90	2,548	6.99
	8	685	264	38.53	168	1,202	2.32	0	0	*****	0	0	*****	685	264	38.53	168	1,202	2.32
	9	387	235	60.75	-74	847	3.22	182	135	74.26	-83	446	2.24	568	305	53.73	-30	1,167	3.73
	10+	573	229	39.9	125	1,021	2.07	62	62	100	-59	183	1.37	635	230	36.21	184	1,085	1.9
	Total	17,932	2,618	14.6	12,801	23,062	30.53	6,896	1,317	19.09	4,315	9,476	7.72	24,827	3,615	14.56	17,741	31,913	*****
Amhara	1	29,862	5,482	18.36	19,118	40,606	5.13	37,849	4,513	11.92	29,004	46,695	2.8	67,711	6,942	10.25	54,104	81,318	4.02
	2	28,962	3,786	13.07	21,541	36,382	2.52	42,682	4,791	11.22	33,292	52,072	2.83	71,644	7,101	9.91	57,727	85,561	4.02
	3	33,408	3,340	10	26,861	39,955	1.72	42,151	4,445	10.55	33,439	50,864	2.47	75,559	5,375	7.11	65,024	86,095	2.21
	4	35,133	4,172	11.88	26,955	43,311	2.56	25,671	2,933	11.42	19,922	31,419	1.69	60,803	5,731	9.42	49,571	72,035	2.99
	5	45,359	5,136	11.32	35,293	55,425	3.09	22,653	2,814	12.42	17,138	28,168	1.75	68,012	5,737	8.44	56,767	79,257	2.73
	6	25,939	3,280	12.64	19,511	32,368	2.09	5,688	1,135	19.95	3,463	7,912	1.09	31,627	3,654	11.55	24,465	38,789	2.16
	7	16,903	2,475	14.64	12,052	21,753	1.79	3,406	684	20.08	2,066	4,746	0.66	20,309	2,383	11.73	15,639	24,979	1.39
	8	12,816	3,147	24.56	6,648	18,985	3.77	1,503	552	36.7	422	2,585	0.96	14,319	3,197	22.32	8,054	20,585	3.5
	9	6,362	1,446	22.73	3,528	9,197	1.58	860	373	43.31	130	1,591	0.77	7,222	1,468	20.33	4,345	10,100	1.44
	10+	2,334	729	31.24	905	3,763	1.08	1,431	662	46.24	134	2,728	1.45	3,765	978	25.98	1,848	5,682	1.21
	Total	237,077	17,377	7.33	203,018	271,137	13.8	183,894	12,225	6.65	159,933	207,856	6.83	420,972	25,019	5.94	371,934	470,010	*****

Total 2,001,900 34,004 1.67 1,440,990 1,102,277 13.16 7,309,491 914,213 12.36 1,322,346 1,028,457 7.76

Male 1,000,950 17,002 1.69 740,045 710,277 9.48 3,654,491 414,213 11.46 500,933 607,856 12.25

Female 999,950 17,002 1.69 740,045 710,277 9.48 3,654,491 414,213 11.46 500,933 607,856 12.25

Total 2,001,900 34,004 1.67 1,440,990 1,102,277 13.16 7,309,491 914,213 12.36 1,322,346 1,028,457 7.76

Male 1,000,950 17,002 1.69 740,045 710,277 9.48 3,654,491 414,213 11.46 500,933 607,856 12.25

Female 999,950 17,002 1.69 740,045 710,277 9.48 3,654,491 414,213 11.46 500,933 607,856 12.25

Oromiya	1	39,778	6,599	16.59	26,844	52,711	4.41	30,425	3,703	12.17	23,168	37,683	1.79	70,203	7,751	11.04	55,011	85,396	3.64
	2	43,174	4,494	10.41	34,365	51,983	1.9	47,933	6,385	13.32	35,419	60,447	3.48	91,107	8,060	8.85	75,310	106,904	3.15
	3	61,115	5,390	8.82	50,550	71,680	1.99	44,279	4,060	9.17	36,322	52,237	1.51	105,394	6,911	6.56	91,848	118,941	2.06
	4	68,750	7,441	10.82	54,166	83,334	3.41	35,694	4,090	11.46	27,677	43,711	1.88	104,444	8,347	7.99	88,083	120,805	3.02
	5	59,304	5,806	9.79	47,924	70,684	2.37	23,673	3,144	13.28	17,510	29,835	1.64	82,977	6,777	8.17	69,694	96,261	2.91
	6	53,147	5,214	9.81	42,928	63,366	2.11	16,472	3,182	19.32	10,235	22,709	2.38	69,619	6,276	9.01	57,319	81,920	2.4
	7	39,138	4,903	12.53	29,528	48,748	2.47	9,813	1,770	18.03	6,344	13,281	1.22	48,950	5,486	11.21	38,198	59,703	2.52
	8	19,018	2,792	14.68	13,546	24,489	1.59	3,059	965	31.54	1,168	4,949	1.15	22,076	3,172	14.37	15,859	28,293	1.78
	9	8,975	1,672	18.63	5,697	12,252	1.19	2,010	748	37.22	544	3,477	1.05	10,985	1,911	17.4	7,238	14,731	1.28
	10+	9,891	2,132	21.56	5,711	14,070	1.76	6,397	1,759	27.5	2,948	9,845	1.84	16,288	2,745	16.85	10,907	21,668	1.79
Total	402,290	22,469	5.59	358,250	446,329	13.4	219,755	14,935	6.8	190,482	249,028	5.92	622,044	28,412	4.57	566,357	677,732	*****	
Somali	1	2,710	548	20.22	1,636	3,784	1.8	2,533	459	18.12	1,634	3,433	1.35	5,243	604	11.51	4,060	6,426	1.2
	2	2,853	440	15.43	1,991	3,716	1.11	2,987	608	20.35	1,796	4,179	2.02	5,841	843	14.43	4,188	7,493	2.13
	3	3,188	653	20.49	1,908	4,468	2.2	1,764	451	25.58	880	2,648	1.84	4,951	977	19.73	3,036	6,867	3.31
	4	4,603	653	14.18	3,323	5,883	1.57	2,272	449	19.76	1,392	3,152	1.43	6,875	907	13.19	5,097	8,654	2.15
	5	3,533	469	13.29	2,613	4,453	1.03	2,750	541	19.69	1,689	3,811	1.73	6,283	618	9.83	5,072	7,494	1.08
	6	3,485	526	15.1	2,454	4,517	1.32	1,613	283	17.52	1,059	2,167	0.78	5,098	581	11.4	3,959	6,238	1.14
	7	2,943	600	20.39	1,767	4,119	2	1,439	361	25.09	731	2,146	1.43	4,382	847	19.33	2,722	6,041	2.77
	8	2,340	466	19.92	1,426	3,253	1.5	723	243	33.66	246	1,200	1.27	3,063	571	18.66	1,943	4,183	1.75
	9	1,173	389	33.15	411	1,935	2.02	212	104	49.04	8	415	0.78	1,385	408	29.49	584	2,185	1.9
	10+	2,440	478	19.58	1,504	3,376	1.51	455	169	37.18	123	787	0.97	2,895	562	19.43	1,792	3,997	1.78
Total	29,268	2,724	9.31	23,929	34,607	10.66	16,748	1,947	11.63	12,931	20,564	5.45	46,016	3,818	8.3	38,532	53,499	*****	
Benshangul-gumz	1	2,912	765	26.26	1,413	4,411	5.81	1,313	251	19.09	821	1,804	1.28	4,224	775	18.34	2,706	5,743	4.41
	2	2,227	317	14.25	1,605	2,849	1.26	1,219	242	19.82	746	1,693	1.27	3,447	435	12.62	2,594	4,299	1.63
	3	2,374	467	19.69	1,458	3,290	2.59	1,044	214	20.48	625	1,464	1.16	3,418	571	16.71	2,299	4,538	2.84
	4	2,216	285	12.86	1,657	2,774	1.02	667	144	21.51	386	949	0.8	2,883	370	12.83	2,158	3,608	1.37
	5	1,822	312	17.12	1,211	2,434	1.46	677	196	28.9	293	1,060	1.47	2,499	451	18.04	1,615	3,383	2.3
	6	2,087	556	26.63	998	3,177	4.11	475	130	27.33	221	729	0.91	2,562	544	21.24	1,466	3,629	3.28
	7	968	201	20.72	575	1,361	1.09	165	73	44.41	21	309	0.82	1,133	205	18.1	731	1,535	0.98
	8	803	231	28.7	351	1,255	1.72	126	62	49.2	4	248	0.77	929	243	26.14	453	1,405	1.67
	9	377	207	55.03	-30	784	2.92	53	53	100	-51	156	1.33	430	211	49.16	16	844	2.66
	10+	635	162	25.47	318	951	1.07	45	32	70.18	-17	107	0.56	680	165	24.31	356	1,003	1.04
Total	16,422	1,846	11.24	12,804	20,039	20.01	5,784	565	9.76	4,678	6,891	1.87	22,206	2,191	9.87	17,912	26,500	*****	
S.N.N.P.R.	1	15,369	2,267	14.75	10,925	19,812	1.57	9,761	1,627	16.66	6,573	12,949	1.25	25,130	3,285	13.07	18,690	31,569	2.11
	2	17,405	2,049	11.77	13,389	21,421	1.15	13,637	2,176	15.95	9,373	17,901	1.62	31,042	3,158	10.17	24,852	37,231	1.62
	3	16,986	1,959	11.53	13,147	20,825	1.07	14,406	2,726	18.92	9,062	19,749	2.42	31,391	3,630	11.56	24,277	38,506	2.12
	4	31,205	3,240	10.38	24,855	37,556	1.7	12,909	2,373	18.38	8,258	17,559	2.03	44,114	4,789	10.86	34,728	53,501	2.79
	5	26,415	3,479	13.17	19,596	33,233	2.26	11,833	2,031	17.17	7,852	15,814	1.62	38,248	4,373	11.43	29,677	46,818	2.61
	6	22,423	3,824	17.05	14,928	29,917	3.17	6,827	1,388	20.33	4,107	9,547	1.28	29,249	3,752	12.83	21,896	36,603	2.41
	7	14,559	1,968	13.52	10,702	18,416	1.25	3,689	1,360	36.87	1,023	6,355	2.25	18,248	2,782	15.24	12,796	23,700	2.02
	8	12,680	2,496	19.69	7,787	17,573	2.29	1,284	483	37.64	337	2,231	0.81	13,964	2,656	19.02	8,758	19,169	2.37
	9	8,326	2,456	29.5	3,511	13,140	3.31	1,425	698	48.95	58	2,793	1.52	9,751	2,574	26.39	4,707	14,795	3.12
	10+	7,274	1,547	21.28	4,241	10,307	1.5	1,146	704	61.44	-234	2,525	1.92	8,419	1,397	16.59	5,682	11,157	1.06
Total	172,640	12,615	7.31	147,914	197,367	13.22	76,915	6,612	8.6	63,956	89,874	3.63	249,556	17,974	7.2	214,326	284,785	*****	
Harari	1	1,818	320	17.59	1,191	2,445	0.94	1,643	310	18.87	1,035	2,251	0.97	3,461	485	14.01	2,510	4,412	1.22
	2	2,107	422	20.05	1,279	2,935	1.43	2,308	493	21.36	1,342	3,275	1.79	4,415	672	15.22	3,098	5,732	1.93
	3	2,531	333	13.15	1,879	3,183	0.75	1,865	422	22.64	1,037	2,692	1.59	4,395	441	10.03	3,531	5,259	0.83
	4	2,285	368	16.09	1,564	3,006	1.01	1,950	328	16.8	1,308	2,593	0.92	4,235	507	11.97	3,241	5,229	1.14
	5	1,826	391	21.43	1,059	2,593	1.4	858	247	28.76	374	1,342	1.13	2,684	367	13.68	1,964	3,404	0.87
	6	924	159	17.16	613	1,235	0.43	575	168	29.29	245	905	0.78	1,499	180	12.03	1,146	1,853	0.36
	7	789	239	30.35	320	1,258	1.15	361	130	35.85	107	615	0.73	1,150	228	19.85	703	1,598	0.73
	8	394	178	45.1	46	742	1.25	342	166	48.63	16	667	1.26	735	267	36.36	211	1,259	1.54
	9	318	181	57.05	-38	673	1.61	182	100	54.93	-14	377	0.85	499	231	46.21	47	952	1.67
	10+	428	137	32	159	696	0.69	246	193	78.54	-133	625	2.36	674	215	31.86	253	1,094	1.08
Total	13,418	787	5.87	11,875	14,961	1.63	10,331	944	9.14	8,481	12,181	2.35	23,749	1,117	4.7	21,560	25,938	*****	

100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+	10+
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total

Addis Ababa

1	20,817	2,066	9.92	16,769	24,866	1.4	16,559	1,830	11.05	12,972	20,147	1.37	37,377	2,919	7.81	31,656	43,098	1.61
2	22,437	2,038	9.08	18,443	26,432	1.27	25,683	2,179	8.48	21,413	29,954	1.27	48,121	3,041	6.32	42,162	54,080	1.39
3	38,963	2,997	7.69	33,088	44,838	1.64	30,174	2,265	7.51	25,735	34,613	1.18	69,137	3,646	5.27	61,991	76,282	1.46
4	50,752	3,645	7.18	43,608	57,896	1.91	30,290	2,371	7.83	25,643	34,938	1.29	81,042	4,517	5.57	72,188	89,896	1.97
5	42,826	2,853	6.66	37,234	48,418	1.36	29,959	2,707	9.03	24,653	35,264	1.7	72,785	3,834	5.27	65,270	80,299	1.55
6	40,169	3,619	9.01	33,075	47,262	2.32	20,021	1,795	8.97	16,503	23,538	1.1	60,189	3,993	6.63	52,363	68,015	1.97
7	29,666	2,454	8.27	24,856	34,475	1.41	13,298	1,623	12.2	10,117	16,479	1.33	42,964	3,137	7.3	36,815	49,113	1.64
8	19,712	1,927	9.78	15,934	23,490	1.28	11,061	1,356	12.25	8,405	13,718	1.11	30,773	2,375	7.72	26,118	35,428	1.28
9	13,526	1,388	10.27	10,804	16,247	0.96	4,081	775	18.99	2,562	5,600	0.97	17,607	1,591	9.04	14,488	20,726	0.97
10+	21,137	2,096	9.92	17,028	25,245	1.42	6,755	1,045	15.47	4,707	8,803	1.07	27,892	2,302	8.25	23,379	32,404	1.32
Total	300,004	10,538	3.51	279,351	320,658	6.27	187,882	6,761	3.6	174,631	201,133	2.58	487,886	13,144	2.69	462,124	513,648	*****

Dire Dawa

1	2,895	526	18.19	1,863	3,927	0.92	2,330	513	22.01	1,325	3,335	1.07	5,225	713	13.64	3,827	6,622	0.99
2	3,022	684	22.65	1,680	4,363	1.49	3,486	792	22.71	1,934	5,037	1.75	6,507	1,184	18.19	4,187	8,827	2.27
3	3,343	651	19.46	2,067	4,618	1.23	4,411	968	21.95	2,513	6,309	2.12	7,754	1,135	14.64	5,530	9,978	1.81
4	4,996	788	15.78	3,450	6,541	1.26	3,081	648	21.04	1,810	4,351	1.32	8,076	1,069	13.24	5,981	10,172	1.55
5	3,283	728	22.16	1,857	4,709	1.56	2,786	529	18.97	1,750	3,822	0.96	6,069	988	16.28	4,133	8,005	1.67
6	3,037	649	21.38	1,764	4,310	1.34	1,127	335	29.71	471	1,783	0.92	4,164	696	16.72	2,799	5,529	1.15
7	1,891	534	28.26	844	2,939	1.41	623	254	40.82	124	1,121	0.94	2,514	627	24.94	1,285	3,743	1.49
8	764	254	33.31	265	1,262	0.77	351	195	55.67	-32	733	0.98	1,114	382	34.26	366	1,863	1.2
9	442	265	59.93	-77	961	1.44	338	189	55.85	-32	709	0.95	780	333	42.7	127	1,434	1.3
10+	1,269	499	39.32	291	2,247	1.81	375	208	55.46	-33	782	1.04	1,643	613	37.28	443	2,844	2.13
Total	24,941	2,013	8.07	20,996	28,885	3.38	18,907	2,262	11.96	14,473	23,341	4.26	43,848	3,722	8.49	36,552	51,143	*****

Region	HH Size	Gender of Head																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
			Lower	Upper					Lower	Upper					Lower	Upper				
Country	1	166,864	10,289	6.17	146,697	187,031	3.91	258,005	11,788	4.57	234,901	281,108	3.48	424,868	17,848	4.2	389,887	459,850	5.31	
	2	186,670	9,773	5.24	167,514	205,825	3.18	152,513	7,170	4.7	138,461	166,565	2.06	339,183	12,639	3.73	314,410	363,956	3.18	
	3	214,849	9,794	4.56	195,652	234,045	2.82	123,995	6,627	5.34	111,006	136,985	2.13	338,844	12,716	3.75	313,920	363,768	3.22	
	4	239,738	10,102	4.21	219,938	259,538	2.72	118,346	6,463	5.46	105,679	131,014	2.12	358,084	12,548	3.5	333,489	382,679	3	
	5	501,360	19,078	3.81	463,966	538,753	5.39	169,439	9,399	5.55	151,018	187,860	3.21	670,799	22,211	3.31	627,265	714,332	6.09	
	Total	1,309,480	36,876	2.82	1,237,203	1,381,757	15.28	822,298	22,808	2.77	777,594	867,003	5.84	2,131,778	49,082	2.3	2,035,577	2,227,979	*****	
Tigray	1	14,584	3,120	21.39	8,470	20,699	3.38	31,749	4,285	13.5	23,351	40,148	3.24	46,334	6,102	13.17	34,373	58,294	4.96	
	2	9,719	1,716	17.66	6,356	13,083	1.49	17,469	1,970	11.28	13,608	21,331	1.14	27,188	3,006	11.06	21,297	33,079	1.81	
	3	13,153	2,131	16.2	8,975	17,330	1.73	11,583	1,831	15.81	7,994	15,171	1.44	24,735	3,067	12.4	18,724	30,746	2.04	
	4	15,847	3,903	24.63	8,198	23,496	4.9	11,601	1,950	16.81	7,778	15,424	1.63	27,448	5,154	18.78	17,346	37,550	5.28	
	5	42,185	10,327	24.48	21,944	62,426	15.17	22,785	3,093	13.58	16,722	28,848	2.23	64,970	12,262	18.87	40,936	89,003	16.4	
	Total	95,488	15,909	16.66	64,307	126,669	24.81	95,186	6,250	6.57	82,936	107,436	3.83	190,675	20,085	10.53	151,308	230,041	*****	
Afar	1	2,624	576	21.97	1,494	3,754	3.14	2,104	567	26.94	993	3,215	3.7	4,727	948	20.06	2,869	6,586	5.21	
	2	3,077	494	16.07	2,108	4,046	2.01	1,508	324	21.47	873	2,143	1.64	4,585	665	14.5	3,282	5,888	2.62	
	3	3,506	712	20.3	2,111	4,901	3.73	1,396	285	20.42	837	1,955	1.37	4,902	875	17.85	3,187	6,617	4.32	
	4	3,930	884	22.48	2,198	5,861	5.24	1,029	322	31.26	399	1,660	2.33	4,959	995	20.06	3,009	6,908	5.53	
	5	4,795	1,157	24.13	2,528	7,063	7.68	858	320	37.25	232	1,485	2.74	5,654	1,280	22.65	3,144	8,163	8.33	
	Total	17,932	2,618	14.6	12,801	23,062	30.53	6,896	1,317	19.09	4,315	9,476	7.72	24,827	3,615	14.56	17,741	31,913	*****	
Amhara	1	48,175	7,865	16.33	32,761	63,590	6.86	91,061	8,040	8.83	75,302	106,820	4.29	139,237	13,110	9.42	113,540	164,933	8.73	
	2	39,971	3,847	9.62	32,431	47,511	1.94	32,108	3,401	10.59	25,442	38,775	1.85	72,079	5,314	7.37	61,664	82,494	2.24	
	3	37,266	3,725	10	29,964	44,567	1.93	20,980	2,526	12.04	16,029	25,930	1.52	58,245	4,688	8.05	49,056	67,434	2.07	
	4	33,555	3,102	9.25	27,474	39,635	1.48	18,685	2,536	13.57	13,714	23,656	1.71	52,239	3,619	6.93	45,147	59,332	1.35	
	5	78,111	6,894	8.83	64,599	91,623	3.54	21,061	2,796	13.27	15,582	26,540	1.85	99,172	8,135	8.2	83,226	115,117	4.13	
	Total	237,077	17,377	7.33	203,018	271,137	13.8	183,894	12,225	6.65	159,933	207,856	6.83	420,972	25,019	5.94	371,934	470,010	*****	
Oromiya	1	38,730	3,983	10.28	30,924	46,536	1.65	60,160	6,328	10.52	47,757	72,563	2.78	98,890	8,001	8.09	83,207	114,573	2.9	
	2	63,195	7,177	11.36	49,128	77,261	3.42	44,966	4,749	10.56	35,657	54,274	2.04	108,160	8,625	7.97	91,255	125,065	3.14	
	3	72,821	7,511	10.31	58,098	87,543	3.31	40,513	4,881	12.05	30,946	50,080	2.37	113,334	9,596	8.47	94,526	132,142	3.75	
	4	79,407	6,223	7.84	67,209	91,604	2.11	32,612	4,308	13.21	24,169	41,055	2.26	112,019	7,506	6.7	97,308	126,730	2.31	
	5	148,137	11,806	7.97	124,998	171,277	4.66	41,504	7,058	17	27,671	55,337	4.85	189,642	12,787	6.74	164,578	214,705	4.68	
	Total	402,290	22,469	5.59	358,250	446,329	13.4	219,755	14,935	6.8	190,482	249,028	5.92	622,044	28,412	4.57	566,357	677,732	*****	
Somali	1	2,383	416	17.44	1,569	3,198	1.17	3,632	550	15.15	2,554	4,710	1.38	6,016	735	12.21	4,576	7,455	1.58	
	2	4,262	616	14.45	3,054	5,469	1.5	3,227	671	20.81	1,911	4,543	2.3	7,489	1,086	14.51	5,359	9,618	2.88	
	3	5,173	748	14.45	3,708	6,638	1.86	2,849	618	21.7	1,637	4,060	2.19	8,022	987	12.3	6,088	9,955	2.25	
	4	7,237	1,010	13.96	5,257	9,217	2.56	3,443	690	20.02	2,092	4,795	2.28	10,681	1,404	13.14	7,930	13,432	3.67	
	5	10,213	1,134	11.1	7,991	12,435	2.48	3,596	475	13.2	2,666	4,527	1.04	13,809	1,160	8.4	11,535	16,084	2.13	
	Total	29,268	2,724	9.31	23,929	34,607	10.66	16,748	1,947	11.63	12,931	20,564	5.45	46,016	3,818	8.3	38,532	53,499	*****	
Benshangul-gum:	1	1,651	385	23.3	897	2,406	2.43	1,098	238	21.84	633	1,564	1.36	2,750	419	15.25	1,928	3,571	1.83	
	2	1,942	351	18.1	1,253	2,631	1.75	1,328	271	20.43	796	1,860	1.48	3,270	557	17.05	2,177	4,362	2.8	
	3	2,944	554	18.8	1,859	4,029	3.02	1,508	239	15.82	1,040	1,975	1.02	4,452	721	16.19	3,040	5,864	3.67	
	4	2,981	484	16.24	2,032	3,930	2.28	662	271	40.97	131	1,194	2.88	3,644	560	15.37	2,546	4,741	2.59	
	5	6,903	879	12.74	5,180	8,626	4.08	1,188	194	16.3	808	1,568	0.84	8,091	948	11.71	6,234	9,948	4.39	
	Total	16,422	1,846	11.24	12,804	20,039	20.01	5,784	565	9.76	4,678	6,891	1.87	22,206	2,191	9.87	17,912	26,500	*****	

1000	10'435	1'898	11'34	45'904	30'038	30'01	8'184	882	8'10	4'818	8'881	1'81	33'008	5'101	8'81	11'815	38'800
2	8'803	812	15'14	8'180	8'838	4'08	4'188	181	10'3	808	1'888	0'81	2'031	842	11'11	8'334	8'888
3	3'881	184	18'34	3'035	3'030	3'50	885	311	40'81	131	1'181	3'88	2'884	880	18'31	3'888	4'141
4	3'884	884	18'34	1'888	4'038	3'03	1'888	338	18'85	1'840	1'812	1'03	4'844	151	18'18	3'840	8'884
5	1'885	881	18'1	1'883	5'891	1'18	1'338	311	30'49	188	1'880	1'49	2'331	881	11'08	3'411	4'385
6	1'881	880	59'2	881	3'408	5'43	1'888	338	34'84	872	1'884	1'88	3'188	818	18'38	3'884	2'811
7	38'888	3'138	8'31	57'858	24'888	18'888	18'149	1'841	11'88	15'871	30'884	2'48	48'848	3'818	8'2	38'888	8'888
8	10'313	1'138	11'1	1'881	15'438	3'48	3'888	1'18	18'35	3'888	4'881	1'84	10'888	1'188	8'4	10'313	18'884
9	1'381	1'040	18'88	8'581	8'511	8'88	3'444	881	80'85	3'885	4'188	3'38	10'881	1'188	11'11	1'888	13'435
10	2'113	1'49	1'48	3'188	8'838	1'88	3'848	8'18	1'11	1'881	4'888	3'48	8'888	881	15'2	8'888	8'888
11	4'885	8'18	14'48	9'034	2'488	1'8	3'331	811	50'41	1'811	4'242	3'8	1'888	1'888	14'21	8'888	8'819
12	3'383	1'18	11'44	1'888	2'188	1'11	2'885	880	18'48	3'884	4'118	1'88	8'888	131	15'11	4'888	1'888

S.N.N.P.R.	1	23,845	3,088	12.95	17,792	29,897	1.95	19,816	2,233	11.27	15,439	24,192	1.21	43,660	4,404	10.09	35,028	52,292	2.38
	2	23,293	4,130	17.73	15,198	31,389	3.57	17,750	2,677	15.08	12,503	22,998	1.92	41,044	5,628	13.71	30,014	52,074	4.08
	3	26,292	2,886	10.98	20,636	31,948	1.56	13,495	2,100	15.56	9,380	17,610	1.53	39,787	4,066	10.22	31,819	47,756	2.18
	4	34,263	4,806	14.03	24,843	43,682	3.45	12,247	2,097	17.12	8,137	16,357	1.67	46,510	6,009	12.92	34,732	58,288	4.22
	5	64,947	4,957	7.63	55,232	74,663	2.26	13,607	1,967	14.45	9,752	17,462	1.33	78,554	5,974	7.6	66,846	90,263	2.93
	Total	172,640	12,615	7.31	147,914	197,367	13.22	76,915	6,612	8.6	63,956	89,874	3.63	249,556	17,974	7.2	214,326	284,785	*****
Harari	1	1,181	318	26.94	557	1,805	1.39	2,813	480	17.08	1,871	3,755	1.43	3,994	596	14.91	2,827	5,162	1.64
	2	2,025	403	19.91	1,235	2,815	1.35	1,448	233	16.07	992	1,904	0.61	3,473	495	14.26	2,502	4,444	1.27
	3	1,975	356	18.03	1,277	2,673	1.08	2,009	359	17.89	1,304	2,713	1.08	3,984	545	13.68	2,915	5,052	1.38
	4	2,670	487	18.25	1,715	3,625	1.54	1,005	260	25.89	495	1,514	1.08	3,675	453	12.34	2,786	4,564	1.02
	5	5,566	560	10.06	4,469	6,664	1.13	3,057	423	13.83	2,228	3,885	1.03	8,623	772	8.95	7,111	10,135	1.67
	Total	13,418	787	5.87	11,875	14,961	1.63	10,331	944	9.14	8,481	12,181	2.35	23,749	1,117	4.7	21,560	25,938	*****
Addis Ababa	1	30,080	2,771	9.21	24,649	35,510	1.78	40,281	3,010	7.47	34,381	46,181	1.6	70,360	4,706	6.69	61,137	79,583	2.4
	2	35,764	2,788	7.8	30,299	41,230	1.53	29,427	2,231	7.58	25,053	33,800	1.18	65,191	3,576	5.49	58,182	72,201	1.48
	3	47,004	3,155	6.71	40,819	53,188	1.53	26,702	2,159	8.09	22,469	30,934	1.21	73,706	4,023	5.46	65,820	81,591	1.69
	4	54,505	3,420	6.27	47,801	61,208	1.58	33,502	2,592	7.74	28,422	38,583	1.41	88,007	4,205	4.78	79,766	96,248	1.6
	5	132,652	6,362	4.8	120,183	145,121	2.74	57,970	3,976	6.86	50,178	65,762	2.02	190,622	8,307	4.36	174,341	206,903	3.88
	Total	300,004	10,538	3.51	279,351	320,658	6.27	187,882	6,761	3.6	174,631	201,133	2.58	487,886	13,144	2.69	462,124	513,648	*****
Dire Dawa	1	3,610	547	15.15	2,538	4,682	0.81	5,291	793	15	3,736	6,846	1.21	8,901	964	10.83	7,012	10,790	1.17
	2	3,422	677	19.78	2,095	4,748	1.3	3,282	570	17.37	2,165	4,399	0.96	6,704	959	14.3	4,825	8,582	1.45
	3	4,715	932	19.77	2,888	6,542	1.85	2,962	744	25.12	1,504	4,421	1.8	7,678	1,407	18.33	4,920	10,436	2.8
	4	5,344	1,047	19.6	3,291	7,396	2.09	3,559	867	24.36	1,860	5,259	2.06	8,903	1,686	18.94	5,599	12,207	3.59
	5	7,850	902	11.49	6,083	9,618	1.13	3,813	729	19.12	2,384	5,241	1.37	11,663	1,355	11.62	9,007	14,318	1.92
	Total	24,941	2,013	8.07	20,996	28,885	3.38	18,907	2,262	11.96	14,473	23,341	4.26	43,848	3,722	8.49	36,552	51,143	*****

1	338'138	10'105	4'31	518'838	528'838	3'15	118'848	8'483	8'48	102'818	181'014	5'45	388'084	15'248	3'2	338'138	388'138	2'33
2	311'848	8'381	4'88	182'885	334'048	3'83	152'888	8'031	8'34	111'008	138'888	5'12	338'844	15'118	3'18	311'848	388'888	2'18
3	188'830	8'113	8'34	181'214	308'858	3'18	185'818	1'410	4'1	138'481	188'888	3'08	338'183	15'838	3'11	188'830	388'888	2'18
4	188'881	10'388	8'11	148'981	181'031	3'81	328'008	11'388	4'21	328'801	381'105	3'18	434'888	11'848	4'3	188'881	428'888	8'21

Table 14: Summary of Expenditure and Subsidies of Various of Household Expenditure by Household Expenditure Groups' Census of Household Head and Regions' (1994)

Table 15 Standard Errors and Coefficient of Variations of Population Estimates by Gender, Household Expenditure Quintile and Regions, Urban - 2004/5

Region	HH Size	Gender of Household Members																		
		Male							Female							Total				
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	
					Lower	Upper					Lower	Upper					Lower	Upper		
Country	1	495,470	24,160	4.88	448,117	542,824	7.16	684,282	30,887	4.51	623,744	744,821	8.66	1,179,753	52,669	4.46	1,076,521	1,282,985	15.52	
	2	563,986	26,406	4.68	512,231	615,741	7.57	690,946	27,934	4.04	636,194	745,697	7.02	1,254,931	51,580	4.11	1,153,834	1,356,028	14.13	
	3	668,497	29,356	4.39	610,960	726,034	8	766,196	30,721	4.01	705,983	826,409	7.73	1,434,693	57,795	4.03	1,321,414	1,547,972	15.87	
	4	777,113	32,845	4.23	712,737	841,488	8.72	883,951	34,845	3.94	815,654	952,247	8.74	1,661,063	65,334	3.93	1,533,008	1,789,118	18.05	
	5	1,708,922	58,734	3.44	1,593,804	1,824,041	14.27	1,911,051	61,729	3.23	1,790,062	2,032,040	14.5	3,619,973	116,940	3.23	3,390,770	3,849,177	35.94	
	Total	4,213,988	108,859	2.58	4,000,624	4,427,352	29.97	4,936,426	116,781	2.37	4,707,536	5,165,316	34.5	9,150,414	220,074	2.41	8,719,069	9,581,758	*****	
Tigray	1	52,779	8,339	15.8	36,435	69,123	6.61	84,826	12,491	14.73	60,343	109,310	9.68	137,605	20,429	14.85	97,565	177,646	17.37	
	2	36,214	5,182	14.31	26,057	46,371	3.63	59,326	8,277	13.95	43,104	75,548	5.85	95,540	12,974	13.58	70,112	120,969	9.43	
	3	42,990	7,345	17.09	28,594	57,386	6.21	59,197	8,332	14.08	42,865	75,528	5.94	102,187	15,100	14.78	72,591	131,782	12.07	
	4	45,276	12,371	27.32	21,028	69,523	16.77	58,801	14,735	25.06	29,921	87,680	18.7	104,077	26,925	25.87	51,303	156,850	37.78	
	5	136,027	31,496	23.15	74,295	197,759	41.67	159,716	30,680	19.21	99,584	219,849	35.1	295,743	61,909	20.93	174,402	417,084	101	
	Total	313,286	49,634	15.84	216,003	410,569	63.8	421,866	52,587	12.47	318,795	524,937	71.6	735,152	101,762	13.84	535,699	934,606	*****	
Affar	1	5,609	1,521	27.12	2,627	8,590	9.47	5,828	1,404	24.09	3,076	8,580	7.79	11,437	2,868	25.08	5,815	17,059	17.69	
	2	7,140	1,382	19.36	4,430	9,849	6.25	7,015	1,334	19.02	4,400	9,630	5.92	14,154	2,490	17.59	9,275	19,034	11.13	
	3	9,270	1,795	19.37	5,751	12,788	8.33	9,039	1,911	21.14	5,293	12,784	9.65	18,308	3,653	19.95	11,148	25,469	19.56	
	4	8,930	1,822	20.4	5,360	12,501	8.87	9,056	1,755	19.38	5,616	12,495	8.13	17,986	3,423	19.03	11,277	24,695	17.41	
	5	15,814	4,741	29.98	6,522	25,106	36.91	15,890	4,008	25.22	8,034	23,745	26.3	31,704	8,628	27.22	14,792	48,615	76.65	
	Total	46,762	7,701	16.47	31,669	61,856	54.7	46,827	7,809	16.68	31,520	62,133	56.3	93,589	15,303	16.35	63,595	123,584	*****	
Amhara	1	144,774	17,815	12.31	109,856	179,691	11.86	224,337	20,864	9.3	183,442	265,231	11.1	369,110	37,611	10.19	295,392	442,828	24.59	
	2	105,657	8,844	8.37	88,323	122,991	3.9	142,366	11,222	7.88	120,371	164,361	4.78	248,023	18,539	7.47	211,687	284,360	8.08	
	3	99,035	9,172	9.26	81,058	117,011	4.45	119,574	11,001	9.2	98,011	141,136	5.38	218,608	19,115	8.74	181,143	256,074	9.53	
	4	96,292	8,225	8.54	80,172	112,412	3.67	125,692	10,600	8.43	104,917	146,468	4.77	221,984	17,676	7.96	187,340	256,629	8.05	
	5	245,993	19,092	7.76	208,573	283,413	8.62	269,058	19,592	7.28	230,657	307,459	8.45	515,051	36,918	7.17	442,691	587,411	19.32	
	Total	691,750	45,028	6.51	603,496	780,004	25.69	881,027	50,111	5.69	782,810	979,244	31.8	1,572,777	92,305	5.87	1,391,859	1,753,696	*****	
Oromiya	1	110,546	9,302	8.41	92,314	128,777	3.14	143,250	14,658	10.23	114,520	171,980	6.11	253,795	21,952	8.65	210,770	296,821	8.09	
	2	168,749	17,674	10.47	134,107	203,390	7.61	207,876	17,050	8.2	174,459	241,293	5.85	376,624	33,125	8.8	311,699	441,549	13.1	
	3	227,448	22,850	10.05	182,661	272,234	9.67	250,612	22,047	8.8	207,400	293,824	8.25	478,059	43,387	9.08	393,020	563,098	18.54	
	4	232,087	17,641	7.6	197,511	266,663	5.66	266,563	17,979	6.74	231,325	301,802	5.2	498,650	33,770	6.77	432,460	564,840	10.87	
	5	484,338	30,486	6.29	424,585	544,091	9.06	522,951	34,905	6.67	454,538	591,365	11.2	1,007,289	62,669	6.22	884,458	1,130,121	24.4	
	Total	1,223,167	59,769	4.89	1,106,019	1,340,315	21.12	1,391,252	64,784	4.66	1,264,274	1,518,229	24.8	2,614,419	120,269	4.6	2,378,692	2,850,146	*****	
Somali	1	7,123	1,397	19.61	4,385	9,862	4.37	8,657	1,284	14.83	6,140	11,175	3.06	15,781	2,440	15.46	10,998	20,564	6.27	
	2	13,429	2,570	19.14	8,392	18,467	8.08	14,325	2,905	20.28	8,632	20,018	9.71	27,755	5,391	19.43	17,188	38,322	18.48	
	3	18,658	2,897	15.52	12,981	24,335	7.58	19,660	2,723	13.85	14,322	24,997	6.39	38,318	5,457	14.24	27,622	49,014	14.51	
	4	28,268	4,644	16.43	19,167	37,370	13.5	25,430	3,684	14.49	18,210	32,650	9.3	53,698	8,163	15.2	37,698	69,697	25.3	
	5	43,414	4,843	11.16	33,921	52,907	10.38	41,315	3,555	8.6	34,347	48,282	5.81	84,729	8,135	9.3	68,784	100,673	19.57	
	Total	110,893	11,776	10.62	87,811	133,975	38.84	109,387	9,964	9.11	89,858	128,916	27.8	220,280	21,280	9.66	178,571	281,989	*****	
Benshangul-gumuz	1	3,155	906	28.73	1,379	4,932	6.82	3,299	787	23.84	1,758	4,841	4.92	6,455	1,635	25.34	3,250	9,660	11.28	
	2	4,616	1,087	23.55	2,465	6,746	6.82	4,684	807	17.22	3,102	6,265	3.7	9,299	1,774	19.07	5,823	12,776	9.55	
	3	7,223	1,366	18.91	4,546	9,900	7.1	8,795	1,863	21.18	5,145	12,446	11.1	16,018	3,163	19.74	9,819	22,217	19.27	
	4	7,385	1,269	17.19	4,897	9,873	6.01	7,182	1,457	20.29	4,326	10,038	8.13	14,567	2,705	18.57	9,265	19,868	15.19	
	5	20,629	2,850	13.81	15,043	26,215	12.98	20,957	3,187	15.21	14,710	27,204	16.1	41,586	5,869	14.11	30,082	53,090	39.67	
	Total	43,007	4,421	10.28	34,343	51,672	22.45	44,918	5,331	11.87	34,469	55,366	32.6	87,925	9,636	10.96	69,038	106,812	*****	

Region	HH Size	Gender of Household Members																	
		Male						Female						Total					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
			Lower	Upper					Lower	Upper						Lower	Upper		
Country	1	99,118	8,126	8.2	83,190	115,045	4.18	95,522	5,702	5.97	84,346	106,698	2.14	194,640	10,310	5.3	174,432	214,847	3.56
	2	136,547	7,306	5.35	122,228	150,867	2.49	170,526	9,188	5.39	152,517	188,536	3.2	307,074	13,686	4.46	280,250	333,898	4.15
	3	193,197	9,665	5	174,255	212,139	3.15	196,627	9,419	4.79	178,166	215,088	2.94	389,824	15,738	4.04	358,978	420,670	4.48
	4	248,402	11,942	4.81	224,996	271,809	3.82	225,854	11,868	5.25	202,593	249,114	4.11	474,256	20,745	4.37	433,595	514,917	6.63
	5	222,663	11,001	4.94	201,101	244,225	3.58	202,259	9,477	4.69	183,664	220,834	2.9	424,922	18,236	4.29	389,179	460,665	5.6
	6	190,346	10,374	5.45	170,013	210,679	3.68	146,107	9,834	6.73	126,832	165,381	4.23	336,453	18,101	5.38	300,976	371,930	6.71
	7	142,005	9,727	6.85	122,940	161,070	4.25	100,307	6,472	6.45	87,622	112,992	2.62	242,312	14,529	6	213,835	270,789	5.78
	8	98,569	8,108	8.23	82,678	114,460	4.19	69,064	5,443	7.88	58,395	79,733	2.67	167,633	11,843	7.06	144,420	190,846	5.39
	9	58,295	5,363	9.2	47,782	68,807	3.05	41,508	4,552	10.97	32,586	50,430	3.07	99,802	8,305	8.32	83,524	116,081	4.34
	10+	81,540	6,611	8.11	68,582	94,498	3.35	56,877	5,659	9.95	45,785	67,968	3.48	138,417	11,336	8.19	116,199	160,635	5.92
	Total	1,470,681	42,028	2.86	1,388,306	1,553,056	15.48	1,304,651	36,480	2.8	1,233,150	1,376,153	11.7	2,775,332	71,776	2.59	2,634,652	2,916,013	*****
Tigray	1	3,186	878	27.55	1,466	4,907	1.14	12,397	1,719	13.86	9,028	15,765	1.17	15,583	2,209	14.17	11,254	19,912	1.56
	2	14,526	3,115	21.45	8,420	20,632	3.32	23,650	2,964	12.53	17,840	29,460	1.93	38,176	4,287	11.23	29,773	46,579	2.69
	3	21,647	4,503	20.8	12,821	30,474	4.82	24,352	4,129	16.95	16,259	32,444	3.65	45,999	6,867	14.93	32,540	59,458	5.97
	4	23,440	4,455	19.01	14,708	32,173	4.39	25,843	5,067	19.61	15,911	35,774	5.21	49,283	8,973	18.21	31,697	66,869	9.68
	5	16,256	3,913	24.07	8,585	23,926	4.72	13,305	2,670	20.06	8,073	18,537	2.65	29,560	5,948	20.12	17,902	41,219	6.39
	6	10,022	1,892	18.88	6,313	13,731	1.74	9,075	1,625	17.91	5,890	12,260	1.41	19,098	2,898	15.18	13,417	24,778	2.23
	7	8,775	3,851	43.89	1,226	16,324	8.18	5,085	1,509	29.67	2,128	8,042	2.13	13,860	5,083	36.68	3,896	23,823	9.24
	8	8,391	3,745	44.63	1,052	15,730	8.08	3,479	960	27.6	1,597	5,361	1.25	11,870	3,981	33.54	4,068	19,672	6.55
	9	2,780	868	31.24	1,078	4,482	1.28	2,281	904	39.65	509	4,054	1.69	5,061	1,602	31.66	1,921	8,201	2.41
	10+	836	484	57.94	-113	1,785	1.31	697	350	50.27	10	1,383	0.82	1,533	626	40.87	305	2,760	1.2
	Total	109,859	19,627	17.87	71,390	148,328	31.25	120,163	12,057	10.03	96,532	143,795	11.8	230,022	30,188	13.12	170,853	289,191	*****
Affar	1	1,727	477	27.61	793	2,862	3.03	1,113	276	24.81	572	1,654	1.54	2,840	624	21.95	1,618	4,063	3.29
	2	3,259	660	20.24	1,966	4,552	3.26	2,775	635	22.88	1,531	4,019	3.48	6,034	1,167	19.33	3,748	8,321	6.18
	3	3,437	643	18.7	2,178	4,696	2.95	2,428	586	24.15	1,279	3,577	3.35	5,865	1,115	19.02	3,679	8,051	5.77
	4	2,052	328	15.99	1,409	2,695	1.22	845	206	24.33	442	1,249	1.12	2,898	429	14.79	2,058	3,738	1.53
	5	1,460	329	22.54	815	2,106	1.69	848	216	25.45	425	1,271	1.22	2,309	510	22.08	1,309	3,308	2.65
	6	2,739	746	27.25	1,276	4,202	4.86	1,446	540	37.37	387	2,506	4.6	4,185	1,022	24.42	2,182	6,189	6.33
	7	488	179	36.62	138	838	1.44	501	170	33.95	168	835	1.27	989	286	28.91	429	1,549	1.85
	8	681	366	53.73	-36	1,399	4.36	733	390	53.21	-31	1,498	4.61	1,414	705	49.88	32	2,797	8.01
	9	202	170	84.03	-131	534	3.1	487	344	70.72	-188	1,161	5.35	688	369	53.59	-35	1,411	4.38
	10+	861	355	41.28	164	1,558	3.27	493	365	74.03	-222	1,208	5.94	1,354	647	47.82	85	2,622	7.03
	Total	16,907	2,366	13.99	12,270	21,543	17.53	11,669	2,175	18.64	7,407	15,932	14.8	28,576	4,053	14.18	20,632	36,521	*****
Amhara	1	23,577	5,201	22.06	13,383	33,770	6.2	29,239	3,727	12.75	21,933	36,544	2.6	52,815	6,365	12.05	40,340	65,290	4.4
	2	27,985	3,416	12.21	21,290	34,680	2.27	42,935	5,044	11.75	33,049	52,821	3.33	70,920	7,663	10.8	55,901	85,939	4.95
	3	34,692	3,980	11.47	26,891	42,494	2.52	46,516	5,133	11.04	36,455	56,578	3.21	81,209	7,622	9.39	66,270	96,147	4.38
	4	36,342	4,157	11.44	28,194	44,490	2.64	43,741	5,619	12.85	32,728	54,755	4.07	80,083	8,565	10.7	63,295	96,871	5.59
	5	47,669	5,262	11.04	37,356	57,982	3.3	47,229	5,064	10.72	37,303	57,154	3.08	94,898	9,008	9.49	77,241	112,554	5.4
	6	27,343	4,332	15.84	18,852	35,834	3.74	19,083	3,344	17.53	12,528	25,638	3.14	46,426	7,045	15.17	32,619	60,233	6.05
	7	18,839	3,565	18.92	11,852	25,827	3.61	14,102	2,851	20.22	8,514	19,691	3.05	32,942	5,576	16.93	22,013	43,871	5.2
	8	19,774	5,239	26.49	9,506	30,041	7.44	9,476	2,157	22.76	5,250	13,703	2.58	29,250	7,120	24.34	15,295	43,205	9.47
	9	6,381	1,821	28.53	2,813	9,950	2.71	8,415	3,028	35.98	2,480	14,350	5.71	14,796	4,351	29.41	6,268	23,325	6.79
	10+	6,049	2,425	40.09	1,296	10,802	5.07	5,259	2,268	43.12	814	9,704	5.09	11,308	4,657	41.18	2,181	20,436	10.1
	Total	248,651	18,403	7.4	212,580	284,722	13.58	265,996	16,494	6.2	233,669	298,324	10.9	514,647	32,259	6.27	451,419	577,875	*****

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Oromiya	1	31,870	5,386	16.9	21,314	42,426	4.11	23,382	3,166	13.54	17,176	29,587	1.91	55,252	6,533	11.82	42,447	68,057	3.61				
	2	34,918	4,403	12.61	26,288	43,548	2.52	45,757	6,019	13.15	33,960	57,554	3.65	80,674	8,571	10.62	63,876	97,473	4.43				
	3	58,377	6,163	10.56	46,298	70,457	3.06	51,428	5,099	9.91	41,435	61,422	2.35	109,806	9,597	8.74	90,995	128,616	4.27				
	4	75,994	8,237	10.84	59,849	92,138	4.31	61,922	7,435	12.01	47,350	76,494	4.22	137,916	13,075	9.48	112,289	163,543	6.61				
	5	55,326	6,248	11.29	43,079	67,573	3.3	46,712	4,922	10.54	37,066	56,359	2.39	102,038	9,923	9.72	82,589	121,487	4.85				
	6	54,045	6,227	11.52	41,840	66,249	3.35	37,797	4,817	12.75	28,355	47,239	2.8	91,841	9,302	10.13	73,610	110,073	4.66				
	7	42,729	6,097	14.27	30,780	54,679	3.99	29,433	4,139	14.06	21,321	37,545	2.62	72,162	9,250	12.82	54,033	90,291	5.69				
	8	18,017	2,634	14.62	12,855	23,180	1.7	15,131	3,617	23.91	8,041	22,220	3.81	33,148	5,464	16.48	22,438	43,858	4.08				
	9	9,267	2,316	25	4,727	13,808	2.53	6,914	1,662	24.03	3,658	10,171	1.74	16,182	3,036	18.76	10,231	22,132	2.52				
	10+	12,690	3,086	24.32	6,641	18,739	3.3	11,366	2,853	25.1	5,775	16,957	3.14	24,056	5,327	22.14	13,615	34,497	5.27				
	Total	393,234	22,680	5.77	348,781	437,087	12.38	329,842	20,762	6.29	289,149	370,535	10.4	723,075	37,964	5.25	648,666	797,485	*****				
Somali	1	2,469	548	22.2	1,394	3,543	1.83	2,358	449	19.03	1,478	3,237	1.28	4,826	610	12.63	3,631	6,021	1.2				
	2	3,247	767	23.61	1,745	4,750	2.75	3,072	746	24.28	1,610	4,534	2.75	6,319	1,356	21.45	3,662	8,976	4.67				
	3	3,791	1,016	26.79	1,800	5,782	4.18	2,790	815	29.2	1,193	4,386	3.59	6,581	1,739	26.43	3,172	9,990	7.41				
	4	5,084	853	16.78	3,412	6,757	2.25	4,568	928	20.32	2,749	6,388	2.94	9,653	1,687	17.48	6,346	12,960	5.03				
	5	4,064	439	10.8	3,204	4,924	0.73	4,741	953	20.11	2,872	6,610	2.99	8,805	1,183	13.44	6,486	11,123	2.67				
	6	4,056	562	13.85	2,955	5,157	1.2	3,789	719	18.97	2,380	5,198	2.09	7,845	1,132	14.43	5,628	10,064	2.69				
	7	3,780	882	23.32	2,052	5,508	3.16	3,239	975	30.1	1,328	5,151	4.46	7,020	1,754	24.99	3,582	10,457	7.12				
	8	2,451	527	21.5	1,418	3,484	1.7	1,627	437	28.85	771	2,483	1.74	4,078	866	21.24	2,380	5,776	2.84				
	9	1,087	348	32.03	405	1,769	1.64	1,067	451	42.29	183	1,951	2.8	2,154	722	33.54	738	3,569	3.62				
	10+	3,119	817	26.19	1,518	4,720	3.25	2,144	601	28.05	965	3,322	2.52	5,263	1,337	25.41	2,642	7,884	5.35				
	Total	33,149	4,132	12.46	25,050	41,248	15.81	29,394	3,991	13.58	21,572	37,216	14.7	62,543	7,726	12.35	47,401	77,685	*****				
Benshangul-gumz	1	2,406	741	30.79	954	3,859	6.05	1,066	235	22.01	606	1,526	1.31	3,472	754	21.7	1,995	4,949	4.51				
	2	2,224	345	15.49	1,549	2,899	1.41	1,693	334	19.75	1,038	2,348	1.71	3,917	505	12.88	2,928	4,906	1.82				
	3	2,228	486	21.81	1,276	3,180	2.79	1,781	470	26.41	859	2,703	3.22	4,009	875	21.83	2,294	5,724	5.38				
	4	2,488	331	13.3	1,839	3,136	1.17	1,942	423	21.81	1,112	2,771	2.41	4,429	641	14.46	3,173	5,685	2.65				
	5	1,934	462	23.88	1,029	2,839	2.88	2,238	771	34.45	727	3,750	7.01	4,172	1,203	28.83	1,815	6,530	9.83				
	6	2,115	526	24.9	1,083	3,147	3.44	1,938	570	28.53	881	3,115	4.25	4,112	1,027	24.98	2,099	6,126	7.26				
	7	998	327	32.76	357	1,639	2.7	1,083	367	33.9	363	1,802	3.15	2,081	489	23.51	1,122	3,039	3.02				
	8	707	295	41.73	129	1,285	3.08	900	324	35.95	266	1,535	2.93	1,607	586	36.48	458	2,756	5.52				
	9	403	208	51.49	-4	811	2.85	379	211	55.64	-34	792	2.9	782	404	51.67	-10	1,575	5.23				
	10+	615	297	48.37	32	1,198	3.58	644	204	31.72	244	1,044	1.62	1,259	294	23.32	684	1,834	1.74				
	Total	16,118	2,362	14.66	11,489	20,748	18.37	13,723	1,639	11.94	10,511	16,935	8.84	29,842	3,725	12.48	22,541	37,142	*****				
S.N.N.P.R.	1	11,691	2,030	17.36	7,712	15,670	1.68	8,510	1,492	17.53	5,586	11,435	1.24	20,201	3,054	15.12	14,215	26,187	2.28				
	2	16,318	2,200	13.48	12,006	20,630	1.44	16,326	2,345	14.37	11,729	20,923	1.64	32,644	3,798	11.63	25,201	40,087	2.29				
	3	14,448	1,939	13.42	10,647	18,249	1.26	16,537	2,791	16.88	11,066	22,008	2.29	30,985	3,825	12.34	23,489	38,482	2.43				
	4	27,791	3,864	13.9	20,217	35,364	2.73	18,827	2,527	13.42	13,875	23,779	1.66	46,618	5,599	12.01	35,644	57,592	3.68				
	5	27,374	4,687	17.12	18,186	36,561	4.07	19,514	3,002	15.38	13,630	25,398	2.27	46,887	7,235	15.43	32,708	61,067	6.12				
	6	21,630	4,288	19.82	13,226	30,034	4.22	18,864	6,343	33.62	6,432	31,296	10.5	40,494	10,398	25.68	20,113	60,874	14.26				
	7	13,610	2,812	20.66	8,098	19,122	2.8	6,975	1,802	25.84	3,443	10,506	2.19	20,585	4,235	20.58	12,283	28,886	4.3				
	8	10,877	1,841	16.93	7,267	14,486	1.49	5,451	1,107	20.32	3,280	7,622	1.05	16,328	2,513	15.39	11,402	21,253	1.88				
	9	11,227	3,238	28.84	4,881	17,573	4.45	4,356	1,462	33.57	1,490	7,223	2.29	15,584	4,069	26.11	7,609	23,558	5.15				
	10+	10,114	2,805	27.73	4,317	15,611	3.7	5,348	2,201	41.15	1,035	9,661	4.23	15,462	4,664	30.16	6,321	24,603	6.82				
	Total	165,079	16,033	9.71	133,655	196,504	16.9	120,708	15,804	13.09	89,732	151,684	16.4	285,787	30,055	10.52	226,880	344,695	*****				

1	31,991	4,385	18,348	30,984	7,255	10,311	10,294	17,412	17,730	1,318	11,719	1,330	1,330	24,733	2,028
2	38,018	5,382	10,925	30,809	21,422	148	10,242	12,924	13,904	1,533	11,244	1,001	11,531	24,123	2,028
3	38,088	4,828	11,9	18,388	21,141	445	35,981	6,152	38,11	10,810	24,688	8,411	20,843	10,242	50,96
4	35,340	4,318	18,34	19,928	20,822	4,08	35,485	7,288	11,24	11,730	11,180	1,49	11,381	1,883	12,48
5	10,710	5,265	14,98	11,988	30,148	19,21	17,153	1,828	11,84	10,214	10,828	8,24	38,843	1,152	12,48
6	0,800	1,118	18,33	4,301	0,882	2,30	0,850	6,71	18,18	7,812	1,980	2,01	15,830	1,135	17,81
7	3,318	880	30,18	1,042	4,481	3,28	5,480	481	3,108	4,581	7,084	3,28	1,408	1,034	18,11
8	5,331	830	31,85	1,380	4,020	4,88	5,318	804	30,88	1,084	3,483	4,38	1,882	1,315	34,51
9															
10+															
Total	18,624	1,109	5,95	16,450	20,797	2,24	15,809	929	5,88	13,989	17,630	1,57	34,433	1,802	5,23

Harari	1	1,663	315	18.97	1,044	2,281	0.98	1,643	310	18.87	1,035	2,251	0.96	3,306	464	14.04	2,396	4,216	1.12
	2	2,683	510	19	1,683	3,682	1.64	2,472	616	24.93	1,264	3,680	2.58	5,155	966	18.74	3,262	7,049	3.32
	3	3,452	379	10.99	2,709	4,195	0.72	2,572	470	18.28	1,650	3,493	1.45	6,024	683	11.34	4,685	7,363	1.46
	4	3,167	554	17.49	2,081	4,253	1.66	2,938	420	14.28	2,116	3,760	1.02	6,105	846	13.86	4,446	7,764	2.22
	5	2,088	429	20.56	1,246	2,929	1.47	2,141	360	16.8	1,436	2,846	1.01	4,229	717	16.95	2,824	5,634	2.16
	6	1,310	261	19.92	798	1,821	0.84	921	295	32.05	343	1,500	1.52	2,231	483	21.64	1,285	3,177	1.74
	7	1,242	358	28.78	541	1,943	1.67	1,053	274	26.04	515	1,590	1.15	2,295	553	24.1	1,211	3,379	2.23
	8	797	288	36.17	232	1,361	1.66	400	239	59.68	-68	869	2.25	1,197	427	35.65	361	2,033	2.46
	9	682	317	46.43	61	1,303	2.34	379	166	43.86	53	705	1.15	1,061	459	43.27	161	1,962	3.2
	10+	1,541	586	38.04	392	2,690	3.64	1,289	543	42.11	225	2,353	3.7	2,830	1,060	37.45	753	4,908	6.75
Total	18,624	1,109	5.95	16,450	20,797	2.24	15,809	929	5.88	13,989	17,630	1.57	34,433	1,802	5.23	30,901	37,965	*****	

Addis Ababa	1	17,991	1,919	10.67	14,230	21,751	1.38	14,064	1,681	11.96	10,769	17,360	1.35	32,055	2,638	8.23	26,885	37,225	1.49
	2	28,192	2,394	8.49	23,499	32,885	1.39	28,009	2,334	8.33	23,434	32,584	1.33	56,201	3,806	6.77	48,741	63,661	1.83
	3	47,753	3,606	7.55	40,684	54,822	1.91	43,298	2,990	6.9	37,439	49,158	1.44	91,051	5,269	5.79	80,725	101,378	2.27
	4	66,055	4,536	6.87	57,164	74,946	2.24	59,362	4,393	7.4	50,751	67,973	2.32	125,417	8,130	6.48	109,481	141,352	4.12
	5	62,456	3,831	6.13	54,946	69,965	1.68	60,853	4,501	7.4	52,032	69,674	2.38	123,308	7,481	6.07	108,646	137,971	3.54
	6	63,179	5,033	7.97	53,315	73,043	2.87	50,342	4,108	8.16	42,289	56,395	2.36	113,521	8,128	7.16	97,589	129,452	4.47
	7	49,123	4,428	9.01	40,444	57,802	2.81	36,606	3,048	8.33	30,632	42,579	1.76	85,729	6,620	7.72	72,754	98,703	3.78
	8	35,650	3,579	10.04	28,635	42,665	2.48	31,099	3,012	9.69	25,196	37,003	2	66,749	5,885	8.82	55,214	78,284	3.73
	9	25,816	2,909	11.27	20,114	31,519	2.24	16,635	2,295	13.8	12,136	21,133	2.14	42,451	4,507	10.62	33,617	51,285	3.34
	10+	43,188	4,180	9.68	34,996	51,380	2.82	28,528	3,503	12.28	21,663	35,394	2.94	71,717	7,009	9.77	57,980	85,453	4.96
Total	439,402	14,248	3.24	411,476	467,328	6.69	368,796	13,097	3.55	343,127	394,466	5.65	808,199	24,865	3.08	759,463	856,934	*****	

Dire Dawa	1	2,538	461	18.17	1,634	3,441	0.79	1,751	411	23.45	946	2,556	0.89	4,289	630	14.7	3,053	5,524	0.9
	2	3,196	745	23.31	1,736	4,656	1.65	3,838	1,098	28.6	1,686	5,989	3.03	7,033	1,582	22.49	3,933	10,134	3.64
	3	3,371	678	20.11	2,042	4,699	1.3	4,925	1,012	20.55	2,941	6,909	2.05	8,295	1,320	15.91	5,709	10,882	2.2
	4	5,989	802	13.39	4,418	7,560	1.08	5,866	1,083	18.47	3,742	7,989	2	11,855	1,744	14.71	8,437	15,272	2.9
	5	4,037	1,101	27.28	1,879	6,196	2.91	4,678	1,014	21.68	2,690	6,666	2.15	8,715	1,780	20.43	5,226	12,205	3.85
	6	3,909	796	20.37	2,348	5,469	1.57	2,791	546	19.55	1,722	3,861	1.01	6,700	1,161	17.33	4,425	8,975	2.05
	7	2,420	771	31.86	909	3,931	2.31	2,231	637	28.55	983	3,479	1.7	4,651	1,147	24.67	2,402	6,899	2.77
	8	1,225	729	59.49	-203	2,653	3.99	767	309	40.36	160	1,373	1.14	1,992	983	49.37	64	3,919	4.52
	9	448	267	59.56	-75	971	1.44	595	411	69.04	-210	1,400	2.58	1,043	529	50.75	6	2,080	2.46
	10+	2,527	1,094	43.28	383	4,670	4.45	1,109	580	52.27	-27	2,245	2.78	3,635	1,556	42.8	585	6,685	6.4
Total	29,658	3,551	11.97	22,699	36,618	7.8	28,549	3,369	11.8	21,947	35,152	7.02	58,207	6,374	10.95	45,715	70,700	*****	

1	308,018	10,180	7.48	181,942	282,342	8.82	189,864	10,180	8.21	113,969	314,902	2.81	485,182	18,885	4.13	380,211	485,182	6.28	
2	189,439	11,322	8.68	182,713	318,245	4.38	328,424	12,911	7.98	321,302	382,929	1.68	480,922	21,323	4.48	404,238	480,922	1.8	

Table 17 Standard Errors and Coefficient of Variations of Estimates of Income Contributed Household Members by Expenditure Quintile, Gender and Regions, Urban - 2004/5

Region	Exp. Quin	Gender of Household Members																	
		Male						Female						Total					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
					Lower	Upper					Lower	Upper					Lower	Upper	
Country	1	188,428	11,283	5.99	166,313	210,542	4.39	258,424	13,841	5.36	231,295	285,553	4.95	446,852	21,692	4.85	404,335	489,368	7.6
	2	209,079	10,798	5.16	187,915	230,243	3.65	193,654	10,790	5.57	172,505	214,803	3.91	402,733	19,062	4.73	365,371	440,095	6.39
	3	232,176	10,380	4.47	211,831	252,521	3.07	193,583	10,808	5.58	172,400	214,765	3.93	425,759	17,445	4.1	391,567	459,950	5.11
	4	255,155	11,074	4.34	233,450	276,860	3.21	200,760	9,382	4.67	182,371	219,149	2.86	455,916	16,913	3.71	422,766	489,065	4.55
	5	585,843	23,292	3.98	540,190	631,497	7.11	458,230	18,117	3.95	422,721	493,739	5.2	1,044,073	37,623	3.6	970,332	1,117,815	13.16
	Total	1,470,681	42,028	2.86	1,388,306	1,553,056	15.48	1,304,651	36,480	2.8	1,233,150	1,376,153	11.7	2,775,332	71,776	2.59	2,634,652	2,916,013	*****
Tigray	1	18,091	3,830	21.17	10,585	25,598	4.1	30,228	6,376	21.09	17,730	42,726	7.21	48,319	9,528	19.72	29,645	66,994	11.07
	2	11,813	2,049	17.34	7,797	15,828	1.74	19,523	2,515	12.88	14,593	24,453	1.65	31,335	3,858	12.31	23,774	38,897	2.56
	3	16,887	3,456	20.47	10,113	23,661	3.55	13,843	2,367	17.1	9,203	18,482	2	30,730	5,105	16.61	20,725	40,735	4.56
	4	15,793	3,916	24.79	8,118	23,469	4.85	14,746	2,888	19.58	9,086	20,407	2.81	30,540	6,344	20.77	18,105	42,975	7.08
	5	47,274	12,818	27.11	22,151	72,398	20.37	41,824	6,649	15.9	28,792	54,856	6.02	89,098	18,882	21.19	52,089	126,107	30.41
	Total	109,859	19,627	17.87	71,390	148,328	31.25	120,163	12,057	10.03	96,532	143,795	11.8	230,022	30,188	13.12	170,853	289,191	*****
Afar	1	2,096	498	23.76	1,120	3,073	2.76	2,157	494	22.92	1,188	3,126	2.65	4,253	877	20.62	2,534	5,972	4.59
	2	3,445	800	23.21	1,878	5,012	4.56	2,078	411	19.79	1,272	2,884	1.9	5,523	919	16.64	3,722	7,324	4.1
	3	3,291	754	22.9	1,814	4,768	4.22	1,949	358	18.37	1,247	2,651	1.53	5,240	1,000	19.09	3,280	7,200	5.06
	4	3,226	799	24.75	1,661	4,791	4.82	2,245	564	25.14	1,139	3,352	3.33	5,471	1,060	19.38	3,393	7,549	5.49
	5	4,848	1,442	29.74	2,022	7,673	11.16	3,241	1,191	36.76	906	5,576	10.7	8,089	2,181	26.96	3,814	12,363	17.74
	Total	16,907	2,366	13.99	12,270	21,543	17.53	11,669	2,175	18.64	7,407	15,932	14.8	28,576	4,053	14.18	20,632	36,521	*****
Amhara	1	51,949	7,339	14.13	37,565	66,334	5.94	87,702	9,115	10.39	69,837	105,566	5.88	139,651	14,173	10.15	111,872	167,431	10.17
	2	37,739	3,880	10.28	30,134	45,344	2.22	40,720	4,033	9.9	32,814	48,625	2.24	78,459	6,446	8.22	65,824	91,093	3.22
	3	37,576	4,405	11.72	28,942	46,209	2.87	35,915	5,704	15.88	24,736	47,094	5.02	73,491	7,769	10.57	58,263	88,718	4.94
	4	35,908	3,745	10.43	28,567	43,249	2.16	33,220	3,606	10.85	26,152	40,287	2.16	69,127	5,717	8.27	57,923	80,332	2.81
	5	85,479	9,600	11.23	66,662	104,296	6.66	68,440	6,481	9.47	55,738	81,142	3.65	153,919	14,057	9.13	126,368	181,470	9.44
	Total	248,651	18,403	7.4	212,580	284,722	13.58	265,996	16,494	6.2	233,669	298,324	10.9	514,647	32,259	6.27	451,419	577,875	*****
Oromiya	1	43,144	5,062	11.73	33,222	53,066	2.73	55,052	6,539	11.88	42,237	67,868	3.63	98,196	9,512	9.69	79,553	116,839	4.6
	2	60,569	7,480	12.35	45,909	75,230	4.35	52,087	6,449	12.38	39,446	64,727	3.72	112,656	11,981	10.64	89,173	136,140	6.52
	3	68,322	6,539	9.57	55,506	81,138	2.98	62,354	7,361	11.81	47,926	76,782	4.11	130,676	11,552	8.84	108,034	153,317	5.38
	4	72,176	6,589	9.13	59,262	85,091	2.89	55,271	5,833	10.55	43,839	66,703	2.88	127,447	9,517	7.47	108,793	146,102	3.73
	5	149,022	11,279	7.57	126,915	171,129	4.64	105,078	10,547	10.04	84,406	125,749	5.35	254,100	19,014	7.48	216,832	291,367	9.47
	Total	393,234	22,680	5.77	348,781	437,687	12.38	329,842	20,762	6.29	289,149	370,535	10.4	723,075	37,964	5.25	648,666	797,485	*****
Somali	1	2,574	508	19.73	1,579	3,570	1.51	4,289	705	16.44	2,907	5,671	1.79	6,863	962	14.01	4,978	8,748	2.18
	2	5,449	1,293	23.73	2,915	7,984	4.85	4,078	864	21.18	2,386	5,771	2.82	9,528	2,027	21.27	5,555	13,500	7.34
	3	5,304	953	17.97	3,436	7,173	2.7	5,212	992	19.04	3,267	7,156	2.97	10,516	1,788	17	7,011	14,021	5.27
	4	7,906	1,272	16.09	5,413	10,399	3.38	6,259	1,284	20.51	3,743	8,775	4.22	14,165	2,414	17.04	9,433	18,897	7.67
	5	11,915	1,536	12.89	8,905	14,925	3.53	9,556	1,488	15.58	6,639	12,473	3.95	21,471	2,767	12.89	16,047	26,894	7.83
	Total	33,149	4,132	12.46	25,050	41,248	15.81	29,394	3,991	13.58	21,572	37,216	14.7	62,543	7,726	12.35	47,401	77,685	*****
Benshangul-gum:	1	1,290	342	26.55	619	1,961	2.32	1,330	250	18.81	839	1,820	1.2	2,620	536	20.46	1,569	3,670	2.93
	2	1,984	404	20.37	1,192	2,776	2.15	2,015	550	27.3	937	3,093	3.93	3,999	908	22.7	2,220	5,778	5.8
	3	2,727	679	24.92	1,395	4,058	4.55	2,268	604	26.65	1,084	3,453	4.25	4,995	1,212	24.27	2,619	7,371	8.62
	4	3,218	650	20.18	1,945	4,491	3.58	2,190	461	21.05	1,287	3,094	2.55	5,409	1,034	19.11	3,383	7,435	5.89
	5	6,900	1,119	16.22	4,707	9,093	5.76	5,920	993	16.78	3,973	7,866	5.07	12,820	1,732	13.51	9,425	16,214	10.01
	Total	16,118	2,362	14.66	11,489	20,748	18.37	13,723	1,639	11.94	10,511	16,935	8.84	29,842	3,725	12.48	22,541	37,142	*****
S.N.N.P.R.	1	22,246	4,279	19.24	13,858	30,633	4.09	22,152	2,566	11.58	17,123	27,180	1.48	44,397	5,983	13.48	32,671	56,124	4.38
	2	28,068	4,939	17.6	18,388	37,747	4.42	22,881	6,125	26.77	10,876	34,886	8.17	50,949	10,678	20.96	30,020	71,877	12.48
	3	26,019	2,763	10.62	20,603	31,435	1.48	18,545	2,900	15.64	12,861	24,230	2.22	44,564	5,007	11.23	34,752	54,377	3.05
	4	27,857	4,392	15.77	19,249	36,466	3.52	19,277	2,991	15.51	13,415	25,139	2.28	47,134	6,238	13.23	34,908	59,360	4.53
	5	60,890	7,646	12.56	45,903	75,876	5.59	37,853	5,656	14.94	26,768	48,938	4.46	98,742	12,461	12.62	74,318	123,166	11.01

Region	Sub-region	Woreda	2010		2011		2012		2013		2014		2015		2016		2017		2018		2019	
			Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)	Population	Area (km²)
Harari	Harari	Total	165,079	16,033	9.71	133,655	196,504	16.9	120,708	15,804	13.09	89,732	151,684	16.4	285,787	30,055	10.52	226,880	344,695	*****		
		1	1,495	316	21.14	876	2,114	1.09	2,810	493	17.55	1,843	3,776	1.47	4,304	683	15.87	2,966	5,643	1.93		
		2	2,755	424	15.41	1,923	3,587	1.11	2,150	409	19.04	1,348	2,952	1.3	4,905	745	15.19	3,444	6,365	2.06		
		3	3,080	661	21.45	1,785	4,376	2.43	1,780	327	18.39	1,138	2,421	0.99	4,860	786	16.18	3,319	6,401	2.31		
		4	3,126	453	14.51	2,237	4,014	1.13	1,838	343	18.65	1,166	2,510	1.05	4,964	661	13.31	3,669	6,258	1.6		
Addis Ababa	Addis Ababa	Total	18,624	1,109	5.95	16,450	20,797	2.24	15,809	929	5.88	13,989	17,630	1.57	34,433	1,802	5.23	30,901	37,965	*****		
		1	41,444	3,565	8.6	34,456	48,432	2.13	46,157	3,961	8.58	38,393	53,921	2.38	87,601	6,731	7.68	74,409	100,793	3.83		
		2	53,027	3,661	6.9	45,851	60,203	1.79	43,940	3,529	8.03	37,023	50,857	1.98	96,968	6,300	6.5	84,619	109,317	3.07		
		3	63,573	4,609	7.25	54,539	72,606	2.39	47,124	3,482	7.39	40,299	53,949	1.8	110,697	6,679	6.03	97,606	123,788	3.08		
		4	79,549	4,768	5.99	70,205	88,894	2.09	60,113	4,350	7.24	51,587	68,638	2.25	139,662	7,876	5.64	124,225	155,100	3.55		
Dire Dawa	Dire Dawa	Total	439,402	14,248	3.24	411,476	467,328	6.69	368,796	13,097	3.55	343,127	394,466	5.65	808,199	24,865	3.08	759,463	858,934	*****		
		1	4,096	898	21.91	2,338	5,858	1.91	6,548	1,172	17.9	4,251	8,846	2.13	10,646	1,691	15.88	7,332	13,961	2.96		
		2	4,230	864	20.43	2,536	5,924	1.71	4,182	633	15.14	2,941	5,424	0.93	8,412	1,353	16.08	5,760	11,063	2.29		
		3	5,397	1,296	24.02	2,856	7,937	3.09	4,593	1,190	25.92	2,260	6,926	3.01	9,989	2,259	22.61	5,562	14,416	5.55		
		4	6,395	2,033	31.79	2,411	10,380	6.54	5,600	1,285	22.94	3,083	8,118	2.94	11,996	3,123	26.03	5,874	18,117	9.22		
Comilla	Comilla	Total	29,658	3,551	11.97	22,699	36,618	7.8	28,549	3,369	11.8	21,947	35,152	7.02	58,207	6,374	10.95	45,715	70,700	*****		

Table 18 Standard Errors and Coefficient of Variations of the Estimates of Literacy Status of Population Aged 5 Years and Above by Expenditure Quintile and Regions, Urban - 2004/5

Region	Exp. Quin	Literacy Status																	
		Literate						Illiterate						Not Stated					
		Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE	Estimate	SE	CV(%)	95 % CI		DE
Country	1	540,897	25,806	4.77	490,318	591,477	7.64	502,874	25,339	5.04	453,209	552,538	7.88	451	217	48.15	25	876	0.61
	2	687,379	27,363	3.98	633,747	741,011	6.89	424,332	24,613	5.8	376,090	472,574	8.72	470	216	46	46	894	0.58
	3	861,826	33,601	3.9	795,969	927,683	8.48	405,214	22,198	5.48	361,706	448,722	7.41	504	333	66.1	-149	1,158	1.28
	4	1,052,567	38,796	3.69	976,526	1,128,608	9.51	418,167	24,890	5.95	369,382	466,952	9.05	600	335	55.76	-56	1,256	1.08
	5	2,520,923	75,525	3	2,372,894	2,668,952	18.97	741,172	39,319	5.3	664,107	818,236	13.3	2,258	839	37.16	614	3,902	1.81
	Total	5,663,593	123,542	2.18	5,421,451	5,905,735	51.03	2,491,758	91,202	3.66	2,313,002	2,670,515	27.8	4,284	1,012	23.63	2,300	6,268	1.39
Tigray	1	63,505	9,010	14.19	45,844	81,165	6.68	56,746	9,902	17.45	37,338	76,154	8.92	0	0	0	0	0	0
	2	53,788	8,579	15.95	36,973	70,603	7.03	30,344	3,820	12.59	22,858	37,831	2.37	0	0	0	0	0	0
	3	59,134	7,863	13.3	43,724	74,545	5.42	27,163	4,047	14.9	19,231	35,095	2.96	0	0	0	0	0	0
	4	63,895	15,008	23.49	34,478	93,311	18.42	25,426	8,852	34.81	8,076	42,777	15.1	178	178	100	-171	527	0.84
	5	184,056	32,424	17.62	120,504	247,608	37.74	73,911	24,339	32.93	26,206	121,615	42.6	128	128	100	-123	380	0.6
	Total	424,378	53,526	12.61	319,466	529,289	94.72	213,590	36,747	17.2	141,567	285,613	44.7	306	219	71.64	-124	736	0.74
Afar	1	3,748	914	24.38	1,957	5,539	5.04	6,186	1,926	31.14	2,411	9,961	14	14	14	100	-13	41	0.3
	2	5,647	1,061	18.79	3,567	7,728	4.62	6,690	1,573	23.52	3,606	9,773	8.68	0	0	0	0	0	0
	3	7,836	1,495	19.09	4,904	10,767	6.8	8,259	2,158	26.13	4,030	12,488	13.5	0	0	0	0	0	0
	4	9,737	1,876	19.26	6,061	13,413	8.84	5,974	1,598	26.75	2,841	9,106	9.94	13	13	100	-13	39	0.28
	5	17,576	5,374	30.58	7,043	28,109	45.02	10,966	2,863	26.11	5,355	16,577	18.6	46	33	70.57	-18	111	0.5
	Total	44,543	8,013	17.99	28,838	60,249	67.41	38,074	7,657	20.11	23,067	53,081	61.6	74	46	62.64	-17	164	0.62
Amhara	1	159,389	18,171	11.4	123,773	195,005	11.54	163,295	16,231	9.94	131,483	195,107	9.02	0	0	0	0	0	0
	2	135,319	11,593	8.57	112,597	158,042	5.43	89,999	8,206	9.12	73,915	106,083	3.95	90	90	100	-87	268	0.45
	3	128,870	11,486	8.91	106,357	151,382	5.57	65,666	8,184	12.46	49,626	81,706	5.29	320	320	100	-307	946	1.58
	4	143,811	11,272	7.84	121,718	165,904	4.86	58,162	6,826	11.74	44,784	71,540	4.13	0	0	0	0	0	0
	5	348,292	26,424	7.59	296,502	400,082	13.15	120,499	10,247	8.5	100,415	140,583	4.71	0	0	0	0	0	0
	Total	915,681	53,801	5.88	810,232	1,021,130	44.36	497,621	36,532	7.34	426,018	569,224	20.5	410	332	81.02	-241	1,061	1.33
Oromiya	1	109,006	9,510	8.72	90,367	127,646	3.39	119,020	13,095	11	93,354	144,686	5.92	222	172	77.64	-116	559	0.52
	2	188,162	16,797	8.93	155,240	221,083	6.36	135,443	15,493	11.44	105,077	165,809	7.34	0	0	0	0	0	0
	3	265,479	23,558	8.87	219,306	311,652	9.21	155,192	17,351	11.18	121,184	189,200	8.11	0	0	0	0	0	0
	4	295,228	19,020	6.44	257,949	332,506	5.48	138,884	15,372	11.07	108,754	169,014	7.06	221	221	100	-213	655	0.86
	5	668,990	39,525	5.91	591,522	746,459	12.84	221,318	21,023	9.5	180,113	262,524	8.61	0	0	0	0	0	0
	Total	1,526,865	62,627	4.1	1,404,117	1,649,614	29.85	769,857	54,285	7.05	663,458	876,257	22.4	443	280	63.29	-107	992	0.69
Somali	1	2,687	631	23.49	1,450	3,924	2.33	10,325	1,646	15.94	7,099	13,552	4.3	70	70	100	-68	208	1.09
	2	8,204	1,402	17.09	5,456	10,952	3.88	14,838	3,078	20.75	8,805	20,871	10.8	0	0	0	0	0	0
	3	11,992	2,029	16.92	8,015	15,969	5.68	18,116	3,334	18.4	11,581	24,651	10.5	159	91	57.28	-19	337	0.81
	4	23,453	3,747	15.98	16,109	30,797	10.62	21,849	3,523	16.13	14,943	28,754	9.98	0	0	0	0	0	0
	5	44,987	4,913	10.92	35,357	54,616	11.02	25,470	3,082	12.1	19,429	31,512	6.71	141	141	100	-135	417	2.18
	Total	91,323	9,039	9.9	73,607	109,039	27.72	90,599	10,123	11.17	70,758	110,440	34.8	370	227	61.2	-74	814	2.15
Benshangul-gumz	1	2,761	454	16.43	1,872	3,651	1.97	2,917	989	33.9	979	4,856	8.88	42	42	100	-40	124	1.06
	2	4,754	800	16.83	3,185	6,322	3.66	3,217	885	27.53	1,481	4,952	6.48	78	78	100	-75	231	1.99
	3	8,501	1,420	16.7	5,718	11,283	6.8	5,332	1,223	22.95	2,934	7,729	7.69	26	26	100	-25	76	0.66
	4	7,453	1,361	18.26	4,786	10,121	7.02	4,863	992	20.39	2,920	6,807	5.5	12	12	100	-11	34	0.3
	5	21,798	2,880	13.21	16,152	27,443	13.62	13,671	3,208	23.47	7,384	19,959	23.4	165	95	57.4	-21	351	1.39
	Total	45,267	4,721	10.43	36,015	54,519	31.25	30,000	3,934	13.11	22,290	37,711	21.8	322	129	40.18	68	576	1.33
S.N.N.P.R.	1	46,255	5,078	10.98	36,302	56,209	2.58	65,350	8,388	12.84	48,909	81,791	5.09	0	0	0	0	0	0
	2	75,348	9,511	12.62	56,707	93,990	5.74	65,981	15,509	23.5	35,584	96,378	17.3	0	0	0	0	0	0
	3	99,809	10,292	10.31	79,636	119,981	5.22	47,787	7,722	16.16	32,652	62,921	5.79	0	0	0	0	0	0
	4	128,915	19,035	14.77	91,606	166,224	14.29	66,106	13,897	21.02	38,867	93,345	13.8	176	176	100	-169	521	0.78
	5	281,666	23,610	8.38	235,390	327,942	12.26	103,417	16,992	16.43	70,113	136,721	13.8	0	0	0	0	0	0
	Total	631,993	45,018	7.12	543,758	720,229	39.81	348,641	46,412	13.31	257,672	439,609	42.3	176	176	100	-169	521	0.78

Harari	1	6,524	1,343	20.59	3,891	9,157	4.64	2,758	783	28.38	1,224	4,292	3.55	0	0	*****	0	0	*****
	2	8,429	1,303	15.45	5,876	10,982	3.46	2,001	463	23.15	1,093	2,909	1.7	0	0	*****	0	0	*****
	3	11,174	1,501	13.44	8,231	14,116	3.6	3,641	1,058	29.04	1,568	5,714	4.97	0	0	*****	0	0	*****
	4	9,500	1,348	14.19	6,858	12,143	3.34	3,641	846	23.22	1,984	5,299	3.18	0	0	*****	0	0	*****
	5	28,880	3,220	11.15	22,569	35,190	8.51	6,354	1,144	18.01	4,111	8,597	3.45	67	67	100	-64	198	1.03
	Total	64,507	3,165	4.91	58,302	70,711	10.79	18,395	2,923	15.89	12,666	24,124	9.23	67	67	100	-64	198	1.03
Addis Ababa	1	135,156	11,085	8.2	113,431	156,882	6.34	65,272	5,216	7.99	55,048	75,496	2.82	103	103	100	-99	305	0.68
	2	192,291	12,337	6.42	168,110	216,471	5.68	69,699	5,300	7.6	59,310	80,088	2.73	302	180	59.75	-52	656	0.71
	3	245,024	15,046	6.14	215,534	274,513	6.8	66,894	5,259	7.86	56,586	77,201	2.79	0	0	*****	0	0	*****
	4	345,072	18,844	5.46	308,138	382,005	7.98	83,474	6,501	7.79	70,731	96,216	3.45	0	0	*****	0	0	*****
	5	885,180	40,544	4.58	805,715	964,646	20.13	150,224	8,788	5.85	133,000	167,447	3.61	1,599	800	50.06	30	3,168	2.63
	Total	1,802,723	51,765	2.87	1,701,264	1,904,182	49.91	435,561	16,603	3.81	403,019	468,104	5.15	2,004	818	40.82	400	3,608	2.19
Dire Dawa	1	11,866	2,619	22.07	6,733	16,999	5.56	11,004	1,656	15.05	7,759	14,250	2.39	0	0	*****	0	0	*****
	2	15,436	2,136	13.84	11,250	19,622	2.91	6,121	1,364	22.29	3,447	8,795	2.82	0	0	*****	0	0	*****
	3	24,008	4,871	20.29	14,461	33,555	10.33	7,165	1,567	21.87	4,094	10,236	3.2	0	0	*****	0	0	*****
	4	25,504	4,985	19.55	15,734	35,274	10.29	9,788	2,419	24.71	5,047	14,528	5.68	0	0	*****	0	0	*****
	5	39,499	5,156	13.05	29,394	49,604	7.89	15,342	3,232	21.07	9,007	21,677	6.7	112	112	100	-107	330	1
	Total	116,313	11,759	10.11	93,265	139,361	35.57	49,419	7,571	15.32	34,580	64,258	14.8	112	112	100	-107	330	1

CENTRAL STATISTICAL AUTHORITY

HOUSEHOLD INCOME, CONSUMPTION AND EXPENDITURE SURVEY QUESTIONNAIRE (2004/05)

FORM 1

FORM 1 : ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS

SECTION 1 : AREA IDENTIFICATION

1	2 Region		3 Zone		4 Wereda		5 Town		6 Kefele Ketena /w		7 Kabele/FA		8 EA code		9 HH Ser.No		10 Household Size		11 Agr. Holding		12 Head of household	
Round	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	

SECTION 2 : ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS (All household members)

13	14		15		16		17		18		19		20		21		22		23		24		25		26													
Ser. No	For All Household Members										For members aged 5 years and over			Marital status	was --- mainly engaged in productive work during the last 12 months ?	If code 2 in column 22 Reason for not working	Employment Status	=01	=02	=03	=04	=05	=06	=07	=08	=09	=10	=11	Sector of Employment									
	List of household members		Relation to head of household		Sex	Age		Does (name) contribute to the household income during last 6 months?	can (name) read and write ?	What is the highest grade completed ?	Never married	Currently married	Divorced	Separated	Widowed	Absent from work unemployed (active)	Unemployed (inactive)	Student	Domestic service	Pensioner	Old age	Disabled /illness	Others	Employer	Self employed (formal)	Self employed (informal)	Employed, Private (formal)	Employed, private (informal)	Employed, public enterprise	Employed, public service	Employed, by NGO /international org's	Employed by household	Unpaid family worker	Others	What was the main occupation during the last 12 months?	main activity of the organization you mainly work for		
0 1																																						
0 2																																						
0 3																																						
0 4																																						
0 5																																						
0 6																																						
0 7																																						
0 8																																						
0 9																																						
1 0																																						
1 1																																						
1 2																																						
1 3																																						
1 4																																						

120

FORM 2B: QUANTITY AND VALUE OF FOOD, DRINKS AND TOBACCO CONSUMPTION WITHIN 3 AND 4 DAYS /Including purchased, own produced, obtained free, etc./

SECTION 1 : AREA IDENTIFICATION

1	2	3		4			5	6	7			8	9		10		11		12	
Round	Kilili	Zone		Wereda			Town	Higher/Wereda	Kebele/FA			EA Code	Household ser NO.		Household Size		Agr. Holding		Head of Household	
		3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																		Yes =1	NO =2	

SECTION 2: QUANTITY AND VALUE OF FOOD, DRINKS AND TOBACCO CONSUMPTION WITHIN 3 AND 4 DAYS /Including purchased, own produced, obtained free, etc./

1	3	14		15		16	17	18	19	20			21			22			23			24			25			26			27			28																		
		List of Food, Drinks and Tobacco		Food, Drinks and Tobacco code		EXPEN-DITURE		Units of measurement		THIRD WEEK			THIRD WEEK			FOURTH WEEK			FOURTH WEEK			FOURTH WEEK			FOURTH WEEK			FOURTH WEEK			1st																					
						Type	source			First visit			Second visit			First visit			Second visit			First visit			Second visit			First visit			Second visit			2nd																		
						CASH =1				Quantity			Quantity			Quantity			Quantity			Quantity			Quantity			Quantity			Quantity			Week																		
						KIND =2		Name Code		Value			Value			Value			Value			Value			Value			Value			Value			code																		
										Birr Cents			Birr Cents			Birr Cents			Birr Cents			Birr Cents			Birr Cents			Birr Cents			Birr Cents																					
29	30	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73

Code for column 17:

From own agricultural enterprise	=01	Collected free (wood,Water, ...etc)	=07	Income from house rent	=13
From household enterprise other than agriculture	=02	Wages salaries,bounes,overime and allowances	=08	Income from rent other than house rent	=14
Gift and remittance received from gov. organization	=03	Pension and other social security benefits received	=09	From Sale of Household fixed asset and personal care goods	=15
Gift and remittance received from NGOs	=04	From saving (Bank and other, saving account)	=10	Other current transfers	=16
Gift and remittance received from Households	=05	Interests and royalties received	=11		
Gift and remittance received from abroad	=06	Dividends(Profit share)	=12		

SECTION 1 : AREA IDENTIFICATION

1	2	3	4	5	6	7	8	9	10	11	12
Round	KMIL	Zone	Woreda	Town	Higher/Woreda	Kebela/FA	EA Code	Household ser NO.	Household Size	AGR. Holding	Head of Household
	2	3	4	5	6	7	8	9	10	11	12
								16	17	18	19
										NO =1	20
										NO =2	

SECTION 2: NON DURABLE GOODS EXPENDITURE (ACTUAL AND IMPUTED)

1	3	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28																																												
				Payment				Day	Month	Year	Day	Month	Year	Day	Month	Year																																												
						Units of measurement		FIRST WEEK						SECOND WEEK						1st & 2nd Week Code																																								
								First visit			Second visit			First visit			Second visit																																											
								Quantity		Value		Quantity		Value		Quantity		Value																																										
								Birr		Cents		Birr		Cents		Birr		Cents																																										
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81

Code for column 17:

From own agricultural enterprise	=01	Collected free (wood, water, ...etc)	=07	Income from house rent	=13
From household enterprise other than agriculture	=02	Wages salaries, bonuses, overtime and allowances	=08	Income from rent other than house rent	=14
Gift and remittance received from gov. organization	=03	Pension and other social security benefits received	=09	From Sale of Household fixed asset and personal cars goods	=15
Gift and remittance received from NGOs	=04	From saving (Bank and other, saving account)	=10	Other current transfers	=16
Gift and remittance received from Households	=05	Interests and royalties received	=11		
Gift and remittance received from abroad	=06	Dividends (Profit share)	=12		

FORM 3B : NON DURABLE GOODS EXPENDITURE (ACTUAL AND IMPUTED)

FORM 3B

SECTION 1 : AREA IDENTIFICATION

1			2			3			4			5			6			7			8			9			10			11			12		
Round	Kilili		Zone			Wereda			Town			Higher/Wereda			Kebele/FA			EA Code			Household ser NO.			Household Size			AGR. Holding			Head of Household					
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						

SECTION 2: NON DURABLE GOODS EXPENDITURE (ACTUAL AND IMPUTED)

1		14			15			16		17		18		19			20			21			22			23			24			25			26			27			28																			
List of all payments excluding food, drinks and tobaccos collected in form 2A and 2B	Item code	Type CASH =1 KIND =2	source	Payment		Units of measurement		Day			Month			Year			Day			Month			Year			Day			Month			Year			Day			Month			Year																			
				Name	Code	THIRD WEEK						FOURTH WEEK																																																
						First visit			Second visit			First visit			Second visit																																													
						Quantity		Value		Quantity		Value		Quantity		Value		Quantity		Value																																								
Birr		Cents		Birr		Cents		Birr		Cents		Birr		Cents		Birr		Cents		Birr		Cents		Birr		Cents		Birr		Cents		Birr		Cents																										
31	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81

Code for column 17:

From own agricultural enterprise	=01	Collected free (wood, Water, ...etc)	=07	Income from house rent	=13
From household enterprises other than agriculture	=02	Wages salaries, bonuses, overtime and allowances	=08	Income from rent other than house rent	=14
Gift and remittance received from gov. organization	=03	Pension and other social security benefits received	=09		
Gift and remittance received from NGOs	=04	From saving (Bank and other, saving account)	=10		
Gift and remittance received from Households	=05	Interests and royalties received	=11		

