

Central Statistical Agency

Population Projections for Ethiopia

2007-2037

**Addis Ababa
July 2013**

FOREWORD

One of the objectives of the recently concluded Inter-Censal Population Survey was to collect up to date demographic information and inputs for population projection, information the country cannot afford to wait for until the results of the next census are available. Consequently, the Census Commission Office approved this national and regional population projection based on the results of the 2007 PHC; the 2000, 2005 and 2011 EDHS; and the 2012 ICPS data. The population projection presented in this report was made for 30 years (2007-2037), fewer than three variants of future change in fertility, mortality and migration Ethiopia.

The base population for the projection was obtained from the 2007 Population and Housing Census for each of the regions and adjusted to the mid of the census year, 1 July 2007. The fertility inputs that is, Total Fertility Rate, for each of the regions were derived from the three EDHS conducted in the years 2000, 2005 and 2011; 2007 PHC; and 2012 ICPS. The mortality input which is life expectancy at birth was estimated from the 2007 PHC mortality data while the migration inputs were derived from the 2012 ICPS data. All the inputs were adjusted to the base year of the projection. The SPECTRUM Computer software was adopted for the projection for 9 regions and 2 city administrations, the results of which was aggregated to obtain the national projected results corresponding to the three variants used.

Assumptions were made on the future decline of fertility with reference to changes in the use of family planning methods, the gains that would be expected in life expectancy under the prevailing mortality conditions, and future trends of inter-regional migration that would result from the socio economic developments expected in future years. These expected developments will surely affect the urbanization process in the country. Assumptions regarding the future trend in urban development were also made and utilized as inputs for this projection.

The Census Commission Office is positive that the results of this projection will serve as a valuable input for planning and monitoring purposes by the Federal and Regional Governments and Non-Government institutions working in different sectors.

The Census Commission Office is grateful to Mr. K. Narayana Unni, the ICPS Technical Adviser, for supporting the activities of the ICPS and engaging with experts of the Population Statistics Directorate in carefully selecting the necessary inputs, making assumptions and generating the projections figures. The Office is also grateful to UNFPA for the financial and material support in recruiting the Technical Adviser and organizing a consultation workshop with stakeholders and academia which helped to obtain valuable suggestions and recommendations for this projection.

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Member and Secretary

July 2013

Population Census Commission

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Acronyms

CPR:	Contraceptive Prevalence Rate
CRVS:	Civil Registration Vital System
CSA:	Central Statistical Agency
DHS:	Demographic and Health Survey
EDHS:	Ethiopian Demographic and Health Survey
GTP:	Growth and Transformation Plan
ICPS:	Inter-Censal Population Survey
PHC:	Population and Housing Census
SNNP:	Southern Nations and Nationalities and People
TFR:	Total Fertility Rate
UNFPA:	United Nations Population Fund
URGD:	Urban-Rural Growth Differential

Chapter 1

INTRODUCTION

Censuses and surveys provide actual counts and estimates of population on a specific date. Population forecasts or population projections as such forecasts are known, are necessary for the purposes of development planning. Population change, being affected by births, deaths and migrations, it is necessary to have data on these components so that their trends into the future can be predicted. The course that these components would take is not easy to predict in most developing countries as their changes are affected by several factors – population and health policies and related programs, cost of health care, education, communication, employment opportunities, income levels, etc.. The non availability of data, varying quality of available data, lack of enough research on determinants of the levels and changes in fertility and mortality, etc., add to the uncertainties in making population projections and consequently on the projected population figures as well.

Government of Ethiopia is investing huge amount of resources for the economic transformation of the country under the Growth and Transformation Plan (GTP) aimed at bringing in accelerated economic development. There is also corresponding investments in health sector including public health and family planning. These would have tremendous impact on the population growth and its distribution across the regions of the country. Population projections were last made before the Government had started these initiatives. The last population census was conducted in 2007. Ethiopia has also conducted three Demographic and Health Surveys in 2000, 2005 and 2011 that gives new insights into the changes in fertility, child mortality and family planning performance. So there is a need to prepare new population projections for the country that would take into account all the recently available data on various parameters affecting population growth.

As mentioned earlier population projections depend on the available data and the ability to project the components of population change. Ethiopia has very little time series data on population, fertility and mortality and even lesser data on migration. The absence of a functional Civil Registration and Vital Statistics System (CRVS) makes it difficult have good data on fertility and mortality and also to evaluate the consistency between data from two successive censuses. In this scenario, many of the assumptions, including base level estimates, may not be accurate and it can result in substantive under/over estimation of population at future dates. The changes taking place under the Growth and Transformation Plan in the country would help reducing fertility and mortality and increase urbanization and may also result in higher levels of internal migration. However, the direct and indirect effects of the changes in these components of population growth are difficult to measure and project into the future. With all these issues on hand, projections for the country can, at best, be taken only as indicators of the future course of population change under the assumptions that have been made. Censuses and availability detailed data from surveys would help in refining the projections in future.

Compared to projections at national level, those at regional level are much more difficult to make as survey data on fertility and mortality are more affected by sampling fluctuations; and internal migration within the country are more difficult to predict as there are little or no restrictions on people's movement within the country. In smaller regions even a small economic or agricultural development can bring in a number of people from outside or situations like flood and drought can

result in out-migration. Though the number of people involved in such migration may be small, it would have significant impact on the growth rates of such regions.

This report provides the population projections and the assumptions used in working out the population projections. Chapter 2 discusses the initial population data. Chapters 3 and 4 respectively discuss the assumptions on fertility and mortality while chapters 5 and 6 respectively discuss migration and urbanization. Chapter 7 briefly discusses the projection results while chapter 8 provides some of the implications of the results for planning exercises in the country.

The rationale for various assumptions used in the projections has been discussed in the chapters 3 to 6. Central Statistical Agency (CSA), with the support from UNFPA, organized an Expert Consultation on various issues relating to population projections. The minutes of this consultation are given in the annex. This consultation was attended by several non-governmental and international organizations. Individual consultations were also made with some expert demographers who could not attend the Expert Consultation. In addition, consultations were made with His Excellency the Federal Minister for Urban Development and Construction on the plans and likely course of urbanization; and the officials of the Federal Ministry of Health on the likely levels of fertility and mortality. CSA benefited substantially from these consultations in formulating the assumptions and working out the projections.

Based on the past experience of CSA and the suggestions that came out during the Expert Consultation, component method of projection has been used for all regions of the country. This required making assumptions on fertility, mortality and migration for all regions of the country. Due to the reasons mentioned earlier, it is likely that some of the assumptions may not hold good into the future as there may be changes that would warrant changes in the assumptions and consequently, the projections. There would also be new data that would become available in future from surveys and censuses which give opportunities to evaluate the assumptions and also revise the projections.

As it is not possible to project all variables with certainty, instead of providing exact estimates, the possible variations have been estimated to provide various scenarios of population into the future. These scenarios are based on fertility and urbanization assumptions and give an idea about the possible variation in population if assumptions on these are not satisfied. In case of mortality, no such scenarios have been prepared as the impact small changes in mortality levels on the number of survivors is very small.

Chapter 2

BASE POPULATION

The major source of population data in the country is the population census. The last census was conducted in 2007. The Inter Censal Population Survey (ICPS), 2012¹ also collected information on population size. However, the estimates from the survey are based on sample and have an associated sampling error. The larger sample sizes in two of the regions helped in arriving at reliable estimates with low sampling error for those regions. For other regions the sampling errors are much higher. On the other hand the census estimates, in comparison, does not suffer from this issue. In addition, the general consistency of the ICPS results with the census count of the population also favours the use of census data. In view of this the population counted in census 2007 has been used as the base population.

During the 2007 census, population of some areas that were not included in specific regions were shown separately as “Special Enumeration Areas”. These areas together had a population of 96,751. These areas being very small in population size, were not given any special treatment in any of the subsequent surveys, with the result that there are no data on parameters that can be used for population Projections for these areas. In the absence of any data it is difficult make reliable projections for this area separately. In view of this it has been assumed that the population of these areas would have grown in the same rate as that of the average growth rate for the country. The national level projections have been adjusted to take this into account.

One of the major inputs for a projection exercise is the data on age distribution of population. As in most developing countries, the quality data on age sex distribution in Ethiopia also suffers from two kinds of errors – age distortions due to digital preferences and (ii) omission of children at younger ages. These errors lead to an unreliable age distribution that, if used for projection without any correction, can result in absurd results for some years into the future. The effects of digital preferences are nullified to some extent when one uses data that are grouped into convenient age groups – like five year age groups. However, even that may not make the data completely error free as some of the digital and numeric preferences are such that the age is misstated across age groups. So the data needs to be corrected for such errors and more reliable age distribution worked out before proceeding with projections. Secondly the omission of children which is higher at younger would have long term impact on the projections. When they grow up and enter the reproductive age group, their numbers are understated resulting in the number of children born to them also being underestimated.

The smoothing of age data is expected to remove to a substantial extent the errors due to age misstatements. However, if there is under-enumeration of children, it would not always be corrected by smoothing procedures. There are several methods of age smoothing available. Depending on the perceived quality of the age data, one or other of the method is used. In smoothing of the age data from 2007 census, the strong method of smoothing has been used. Table 2.1 provides a comparison of the original (unsmoothed) and smoothed age data at the national level. This table is provided for illustrative purpose only. For actual practice the national level smoothed data were obtained by aggregation of the regional level data and hence may be slightly different from the figures given in table 2.1. It shows the changes due to smoothing at the five year group level. It may be noted that the population in the age group 0-4 has increased and that in age group 5-9 reduced to adjust for the heaping at age 5. Some similar changes have been done in other age

1

Central Statistical Agency (2013): Report of the Inter Censal Population Survey, 2012

groups also. As there are no data on the extent of omission of children, no adjustment could be made on this account.

The same procedure was used for all regions to smooth the data. It has been noticed that in some cases, even the smoothed data contain age distributions that seem to be somewhat unreliable, with more population being observed in age group 5-9 compared to age group 0-4. This can occur only when birth rate has fallen significantly over the previous five years compared to the population growth rate. There is no reason to believe that this has happened in areas like Affar. However, in the absence of any further information that could be used for correcting the age distribution, these have been left without any further adjustment. The impact of this fluctuation in the age distribution is a slight over estimation of the number of births in 2017-22 and under-estimation of a similar number during 2022-27. Considering that the total population size of the regions affected by such errors is only a small proportion of the population of the country, its impact at national level is negligible.

Table 2.1: Unsmoothed and Smoothed Population ('000s) at country level, 2007

Age	Un smoothed		Smoothed	
	Male	Female	Male	Female
0 - 4	5,482.8	5,314.2	6,095.2	5,887.0
5 - 9	6,106.8	5,875.0	5,520.4	5,327.3
10-14	5,412.3	4,999.9	4,926.5	4,760.4
15-19	4,454.7	4,293.3	4,237.0	4,157.2
20-24	3,098.3	3,303.7	3,434.6	3,513.0
25-29	2,622.8	3,039.4	2,818.0	2,933.6
30-34	2,088.2	2,131.9	2,210.9	2,328.6
35-39	1,827.3	1,949.3	1,797.7	1,876.7
40-44	1,464.5	1,408.5	1,462.3	1,458.8
45-49	1,150.0	1,097.3	1,188.9	1,155.8
50-54	928.3	962.5	937.0	892.0
55-59	634.1	537.0	752.8	700.2
60-64	646.4	588.6	600.5	543.5
65-69	446.2	359.0	465.0	408.8
70-74	359.9	316.7	339.9	286.7
75-79	203.8	146.3	225.1	177.3
80+	290.7	211.1	291.3	211.6
Total	37,217.1	36,533.8	37,303.1	36,618.5

The population data from 2007 census have the reference date of 28th May 2007 for all regions except Affar and Somali, where it was 28th November. For the purpose of ensuring that all population figures refer to the same date and also to ensure international comparability, all population figures have been adjusted to the mid-year, i.e., 1st July 2007.

Chapter 3

PROJECTION OF FERTILITY

In the absence of migration, births and deaths together determine the quantum of population growth. In most of the countries population is increasing due to excess of births over deaths. The number of births that takes place decide the future population growth as well as the structure of the future population by age. It is a difficult component to project into the future as it can be directly or indirectly affected by many components of the population policy and programmes, like those for increased use of contraception, increasing age at marriage, increasing interval between child births, etc. On the other hand programs for reducing child mortality, increasing literacy and education levels, increasing access to health facilities, etc., would indirectly result in changes in fertility behaviour.

Ethiopia is going through a demographic transition from high fertility, high mortality to a low fertility low mortality scenario. Though the country has entered the transition phase, all the regions are not at the same transition phase. This would imply that the future changes in fertility would also not be uniform across the regions. This section examines the available data on fertility, its trends and arrives at some alternate scenarios for fertility changes that have been used for population projections.

3.1. Base level estimates

The country does not have any regular time series data on fertility or vital rates, either from civil registration or from surveys and censuses. The sources of available data are censuses and the three Demographic and Health Surveys (DHS) conducted in 2000, 2005 and 2011 and the Inter Censal population Survey (ICPS), 2012. The estimates from census are based on the question on births in the preceding year. It is well known that such data are affected by reference period errors and omission of the births due to response errors. In a huge exercise like census it is impossible to control all such errors. There are adjustment procedures for taking care of such errors. However, when fertility is falling, some of these procedures are known to overestimate the fertility levels. The estimates from DHS are based on Birth History data, which is known to produce reliable estimates when all births to the woman are listed and the estimates are based on a three/five year period instead of a single year. The ICPS also collected Birth history data and prepared estimates comparable with DHS.

Table 3.1 presents the estimates from census, DHSs and ICPS. For estimates from DHS the standard error (SE), a measure of the possible error due to sampling. It is expected that for large samples, the probability of the actual value of the parameter being within ± 2 SE of the estimated value, is 95%. There is considerable variation across the country in the levels of fertility as well as in its change over time. The estimates for Somali based from DHS 2011 are out of tune with other estimates for the region. This may, partly, be due to the difficulties in conducting the survey resulting in the estimates being based on smaller samples. The small difference between the census estimates and the DHS based estimates probably indicate that Fertility decline is yet to set in there. The estimates from ICPS refer to 2011 and are so close to the estimates from EDHS that the differences are not statistically significant in most cases. Allowance also needs to be made for some

small change in fertility levels between the surveys. One exception is Addis Ababa where the last two DHSs estimated TFR to be as low as 1.4-1.5 whereas the estimate from ICPS is 1.8. The former would mean that on an average a couple would have only 1.5 children during their life time. This would eventually result in reducing population in the region but for migration. It appears that the estimate from ICPS, based on a much larger sample, is more reliable.

Table 3.1: Estimated TFR from Data Collected In 2007 Census and Demographic and Health Surveys, ICPS, 2012 and Confidence Limits for DHS Estimates

Region	Source and reference date						
	Census 2007	Demographic and Health Survey					ICPS 2012
	2006.9	1997.5	2003.5		2009.5		2010.9
			Est.	SE	Est.	SE	
Country total	6.2	5.9	5.4	0.14	4.8	0.15	4.6
1. Tigray	5.9	4.8	5.1	0.30	4.6	0.25	4.5
2. Afar	5.8	4.9	4.9	0.38	5.0	0.30	4.2
3. Amhara	6.1	5.9	5.1	0.20	4.2	0.23	4.0
4. Oromia	6.3	6.4	6.2	0.32	5.6	0.32	5.3
5. Somali	5.6	5.7	6.0	0.51	7.1	0.48	4.5
6. Benishangul-Gumz	5.8	5.4	5.2	0.38	5.2	0.41	5.9
7. SNNP	6.3	5.9	5.6	0.22	4.9	0.27	4.7
8. Gambella	4.6	4.4	4.0	0.47	4.0	0.56	4.2
9. Harari	4.1	4.5	3.8	0.49	3.8	0.37	4.2
10. Addis Ababa	2.9	1.9	1.4	0.13	1.5	0.11	1.8
11. Dire Dawa	4.3	3.6	3.6	0.53	3.4	0.33	3.3

Est. : Estimate, SE: Standard Error

Notes:

1. For Affar and Somalia, the reference dates for census based estimates are six months later as the census was conducted with a different reference date.
2. SE for the estimate at national level for 1998 is 0.10. SE for TFR at regional level are not available
3. The estimates for DHS 2000 refers to 5 years prior to the survey while in other DHSs they refer to 3 years prior to the survey
4. Estimates for 2007 census refer to the year preceding the census. Since census had a reference date of 28th May 2007 the estimates refer to mid point of the year preceding the census, i.e., November 30 2006.
5. For Somali region, in census and ICPS the reference date is 6 months later while for Affar the estimates from census has a reference date six months later.

One of the major factors that impact fertility is the level of contraceptive usage measured by Contraceptive Prevalence Rates (CPR). There are no regular data on contraceptive usage. The Demographic and Health Surveys conducted in 2000, 2005 and 2011 collected data on CPR. As per the results, the country has achieved significant increase in CPR in the last decade. Table 3.2

provides the estimated CPR at regional level based on EDHS, 2000, 2005 and 2011 and 95% confidence interval for them. The Population Policy framed by the Government in 1993 has fixed a target of achieving CPR of 44 percent by 2015 which is expected to reduce the TFR to 4.0 by that time. However, Federal Ministry of Health has recently set an ambitious target of reaching CPR of 66% by 2015.

Table 3.2: Estimated levels of Contraceptive Prevalence, 2000-2011

Region	2000	2005			2011		
	Est.	Est.	L	U	Est.	L	U
ETHIOPIA	8.1	14.7	13.4	16.0	28.6	26.3	30.9
Tigray	10.2	16.5	13.4	19.6	22.2	18.5	25.9
Affar	7.7	6.6	3.2	10.0	9.5	6.0	13.0
Amhara	7.5	16.1	13.5	18.6	33.9	29.4	38.4
Oromia	6.6	13.6	11.3	16.0	26.2	21.5	30.5
Somali	2.6	3.1	0.0	8.8	4.3	0.8	7.8
Benishangul-Gumuz	8.7	11.1	7.7	14.5	27.0	21.6	32.5
SNNP	6.4	11.9	8.9	14.8	25.8	21.2	30.0
Gambella	13.5	15.9	10.8	21.1	33.8	23.9	43.7
Harari	22.0	33.5	26.8	40.2	34.7	29.4	40.0
Addis Ababa	45.2	56.9	52.1	61.2	62.5	58.5	66.5
Dire Dawa	28.4	34.0	26.2	41.7	33.9	27.6	40.1

Est. Estimate, L: Lower Confidence limit, U: Upper confidence limit

Note: The confidence limits for the estimate at national level for 2000 are 7.2 and 9.0. The corresponding limits at regional level are not available

It is clearly seen that there are clear increasing trends in some regions like Amhara, Oromia and SNNP, the largest regions in terms of population size and the number of women in the reproductive age group. The CPR is fluctuating or stagnant in Affar, Somali and Dire Dawa. Population of Affar and Somali have distinctly different cultural and social characteristics compared to other regions that could impact the acceptance of family planning methods and thus the levels of CPR.

While the rate of increase in the recent past, if sustained, can result in achieving a CPR of 44 by 2015, it may be noted that the entire future reduction in TFR is not going to be due to increased use of contraceptives. There are other factors like increasing age at marriage, continued school enrolment, etc. That would help reducing fertility. It has been estimated, using Bongaarts model, that with a CPR of 60 percent, with other factors remaining same, TFR would reduce to about three children per woman². It should be noted here that the same periodic increments in CPR can not be sustained longer as there are several new challenges that would have to be surmounted.

² Yared Makonnen and team (2012): A decade of change in contraceptive use in Ethiopia-In-depth analysis of the EDHS 2000-2011, United Nations Population Fund, Ethiopia

These challenges include making younger couples with lower number of children accept family planning, better coverage in rural areas, reducing people's mentality by which the ideal number of children desired by couples is reduced from the estimated at 4.3 (EDHS, 2011), etc.. In other words, the average rate of growth in CPR is unlikely to increase in the future. The current CPR in the country is at about 29 per cent, slightly below half of the maximum expected level of 65 percent. Around this point, it becomes difficult to get more people to accept family planning methods, as more of the acceptors have to come from younger ages, who have less number of children ever born and thus less motivated than those with more children.

It is also possible that the trends in both TFR and CPR may be different from the one shown by the point estimates, as some the regions have high coefficients of variation for the estimates. Even at the national level, if the real levels are on the opposite sides of the point estimates, the trends can be different from that shown by the estimates. It may also be noted that high correlation between the CPR and TFR from the above tables may be little deceptive as the CPR relates to the time of the survey while the TFR relates to the 3 year period before the survey (5 year period for DHS 2000).

3.2. Projecting Fertility levels

For preparing population projections, projected fertility levels are required. Some of the approaches for projecting fertility and connected issues in such exercises are briefly discussed below.

1. One of the approaches is to link determinants of fertility and their trend and project fertility levels on the basis of projected values of the determinants. The difficulty in this approach is that it requires a time series of data on the determinants and policy targets. It may also be noted that the relationship between the determinants and the fertility levels may not remain same over time. Even at varying fertility levels the effect of the determinants on fertility may not be same.
2. Changes in fertility are gradual and do not follow a straight line. In most cases, decline is initially slow and will become faster for some time before it again slows down. The pace of decline and the shape of the curve depend on a variety of factors including policies that promote fertility control, education, age at marriage, etc. Depending on the availability of data, several types of mathematical models can be used to predict levels of fertility for a reasonably long period. The accuracy of the predicted levels may depend on whether the particular model is appropriate for the region/country and also on the reliability of the data.
3. In Ethiopia, the three largest regions, viz., Oromia, Amhara and SNNP account for more than 80% of the population of the country. The next three regions by population size,, Tigray, Somali and Addis Ababa share another 15% with only about 4 % of the total population being shared by the remaining 5 regions. In such a situation, the trends at national level depend heavily on the three largest regions, with the next three regions making some impact and the other regions having only marginal impact. Hence errors in the projections for the smaller regions may not make any impact at the national level, though it can have serious consequences on the regional level population projections. In

view of this, utmost care has to be taken while projecting fertility levels to ensure that they are realistic as possible.

Considering that there is a high correlation between TFR and CPR and both of them being expected to have similar patterns of change, with slower changes near the minimum/maximum values and faster rates of change away from the minimum/maximum values, it appears that similar mathematical models can be used for both. A logistic model may be best suited to describe the changes in TFR over time for various regions of the country and at national level. It has the advantage of simplicity and requires less number of data points to estimate the underlying model and can represent the actual scenario much better than linear or quadratic equation models.

Table 3.3 shows the results of projecting the TFR and CPR using this model for the period 2010-2040 based on the estimated levels of TFR and CPR from the three DHSs for Ethiopia. In addition to the DHS data, the target of 44% CPR for TFR of 4.0 by 2015 has also been taken into account. Since the curve may not fit the data exactly, there would be some difference between data used and the estimates for DHS years and 2015.

Table 3.3: Projected Levels of CPR and TFR 2010-2040

Year	CPR	TFR	Change during the 5 years	
			CPR	TFR
2010	28.1	4.7		
2015	42.1	4.0	14.0	-0.7
2020	53.1	3.5	11.0	-0.5
2025	59.5	3.1	6.4	-0.4
2030	62.6	2.7	3.1	-0.4
2035	64.0	2.5	1.4	-0.2
2040	64.6	2.3	0.6	-0.1

It may be seen that the above TFR for 2015 correspond to the targeted levels of TFR (4.0), though the corresponding CPR is slightly lower than the targeted level (44%). In actual practice, the fertility level for the country would be derived as the weighted average of the regional level projected levels and may be slightly different from the above.

The above modelling uses the national level data. The patterns would be different when regional level data are used since the fertility changes and contraceptive prevalence are not same across the regions. There are no targets prescribed for regions in the population policy. As noted earlier both increase in CPR and decline in fertility are not uniform across the regions. It is possible that some of the regions where fertility has been declining fast may reach replacement level of fertility (TFR of about 2.1) by 2040 or even earlier. However, the areas where fertility change is just starting or where it is slow, would help keep it above that level for the country as a whole. Though fertility may fall below replacement level in some areas, it is likely that it may come back to replacement level or fluctuate about that level. The current TFR for Addis Ababa, which is much

below fertility level is, possibly, a transient phenomenon aided by significant influx of unmarried females in the reproductive age group to the city rather than a decline in TFR to that level. The following paragraphs discuss the possible fertility changes in the regions.

1. Tigray: The fertility levels show some fluctuation and CPR has been below the national average in all three DHSs. The trends in CPR and TFR indicate that the region may not achieve the national goals for 2015. The projected levels using the DHS data are indicated below:

Year	2010	2015	2020	2025	2030	2035	2040
CPR	21.5	28.5	36.0	43.1	49.3	54.1	57.7
TFR	4.7	4.6	4.5	4.4	4.3	4.2	4.1

It appears that there is also a mismatch between increase in CPR and reduction in fertility and this mismatch is getting extended in the projected levels. This may be partly due to sampling and non sampling errors in the data. Hence additional assumptions would be required to get reasonably reliable projected levels. Considering that the TFR is already lower than the national average, it may not be unreasonable to assume that the TFR, even with a slower decline, may not lag more than 2-3 years behind the national average of TFR as the region has more than 35 percent weight at national level. If these are taken into consideration and the estimation is done assuming that TFR may reach 2.3 by 2043, then the projected levels of TFR would be as below:

Year	2010	2015	2020	2025	2030	2035
TFR	4.21	3.77	3.37	3.03	2.76	2.55

This is taken as one of the assumption for projections.

2. Amhara: This region has shown the fastest increase in CPR and decline in TFR in the last decade. If the figures obtained in DHS are used to make a projection then we get the following values of CPR and TFR

Year	2010	2015	2020	2025	2030	2035
CPR	30.6	45.5	55.9	61.2	63.5	64.4
TFR	4.16	3.53	3.04	2.68	2.45	2.31

The above figures are better than the national goals of CPR (44%) and TFR (4) by 2015. As the national goals are national averages and it cannot be expected that all regions would reach the goals simultaneously, it is safe to assume that Amhara region that has shown better performance would reach the goals earlier. Hence the above has been taken as one of the assumptions.

3. Oromia: This region also had significant increase in CPR and reduction in TFR in the last decade. However, it appears that the level of CPR reached by 2010 is low considering the national target and the relative size of the region. Projection of the observed trends gives the following results:

Year	2010	2015	2020	2025	2030	2035
CPR	23.9	36.8	48.5	56.5	60.9	63.1
TFR	5.5	5.0	4.5	3.9	3.4	3.0

The estimates show some inconsistency between the CPR and TFR, which is inherited from the inconsistency in 2010. It would be appropriate to assume that for CPR in the range of 64-65 seen in 2040 would result in TFR of about 2.1-2.2. If such an assumption is added then the projected figures will be as bow:

Year	2010	2015	2020	2025	2030	2035
TFR	5.40	4.75	4.07	3.46	2.99	2.65

Above figures seem reasonable to be taken as an assumption on the future course of fertility

4. SNNP: This region also shows significant increase in CPR and decline in TFR. If the data from DHS are used to estimate the future levels then the estimated levels would be as below:

Year	2010	2015	2020	2025	2030	2035
CPR	22.9	35.9	47.9	56.1	60.8	63.1
TFR	4.91	4.43	3.96	3.53	3.16	2.87

These figures have been used as one of the assumptions.

5. Affar and Somali: Both CPR and TFR have not shown any significant trends. The increase in CPR is very low. Similarly, the TFR seems to be stagnating at best. The estimates of TFR from 2011 DHS for Somali may not be usable for projection due to reasons mentioned earlier while the estimates from census does not seem to suffer from overestimation and can also be used.

In both Affar and Somali, it appears that the fertility decline is yet to set in. For the purposes of projection, it has been assumed that the changes seen in other regions may occur here with about 10 year delay.

6. Benishangul-Gumuz and Gambella: There has been significant increase in the CPR in the recent years in Benishangul-Gumuz. However, the effect of this increase is not reflected in the TFR which remains almost constant in the last two DHSs. This could partly be due to sampling variations in the data. The 95% confidence interval for TFR has the lower limit at 4.4. So it is possible that there is an actual fall that could not be identified and estimated. It

is also possible that most of the increase in CPR took place towards the end of the last decade and did not have any serious impact on the fertility which is an average for the three years prior to the survey.

In Gambella, fertility rates from the last two DHSs are same, though CPR has shown an impressive increase. If the general trend from the estimates for the three DHS are used it shows fertility declined slowly in the last decade. Projecting this trend into the future would give a slowly declining TFR. However, if CPR increases as seen in the data, it should result in faster fertility decline in the near future.

In both Benishangul-Gumuz and Gambella, it has been assumed that fertility decline would occur with about a five year delay compared to the other regions.

7. Harari: The TFR and CPR seem to have stagnated over the last few years. It is likely that the increasing trend in CPR witnessed in the first half of the decade would help further increase in CPR, though at lower pace in future. The average growth in the previous decade can result in its increase to about 59 percent by 2040 and reduction of TFR to 2.5. Considering that the fertility level in the region is already low, this is very much possible and has been taken as an assumption.
8. Addis Ababa: The estimated TFR is 1.4-1.5 in the last two DHSs, down from 1.9 in the DHS of 2000. The estimate of 1.8 from ICPS seems more reasonable as it is also consistent with the estimate using the number of children born in the one year prior to the survey (without any adjustment). This level is also below the replacement level of about 2.1 children per woman. It is unlikely that this low level would continue for long. It may increase to about 1.9-2.0 children in the long run. The assumptions have been based on the pace of such increase.
9. Dire Dawa: Both CPR and TFR seems to be stagnating. The reasons for this situation are not very clear. Being a region that is predominantly urban, it can be expected that both increase in CPR and decline in TFR would resume in the near future, as other factors, like education, service delivery, etc., are favourable. It has been assumed that the fertility would reach close to replacement level by 2030.

Alternate scenarios:

It would be appropriate to formulate more than one alternative set of projections as it would give the program managers an idea of the likely variation in projected population in case of the fertility transition takes a different path and would help them to plan for the eventualities. This is also important as the estimates of TFR used for projection are based on sample surveys and thus have inherent sampling fluctuations and could have somewhat affected and estimates prepared based on the trends. The following paragraphs discuss the possibilities.

The above discussion was basically assuming that the trend observed in the past would continue as such notwithstanding the efforts of the Government to increase the levels of CPR resulting in rapid reduction of TFR. One alternate scenario can be based on the assumption that targets set by the National Population Policy are achieved. However, considering the current levels of CPR/TFR in various regions, it can be safely concluded that all regions will not achieve the

population policy targets at the same period. It would therefore be appropriate to assume that the target of TFR of 4.0 would be reached by the regions earlier if the national targets are to be met. Hence one set of projections, termed “Low” as it refers to lower estimates of TFR, are based on the assumptions that the regions would reach the levels about five years earlier than the estimates arrived at as per the earlier discussions. This set of assumptions would also result in lower projected population in future.

It is possible that future declines in fertility are much slower than what was observed in the past because of the difficulties in ensuring that more and more couples accept family planning methods. It would take some time for consolidating the gains made and take the levels of CPR to higher levels. In such a situation, it would be possible that there is a further lag of about 5-8 years in achieving the levels of TFR observed for 2037 in the projections based on current trends. The estimate of TFR based on this has been used as a third alternative termed as “High” as this result in higher fertility and consequently higher projected population. The projections based on the earlier discussions have been termed as “Medium”.

Since technological developments in the area of contraceptives, increasing levels of education, urbanization, higher rural connectivity through better road network, etc., have direct and indirect effects on fertility levels, there is a distinct possibility that towards the third decade of the 30 year projection period and it may result in faster fertility decline leading to the achievement of the goal of replacement level of fertility. However, at this point of time it is difficult to quantify the likely changes.

The target of Ministry of Health to achieve reaches CPR of 66 per cent by 2015 needs consideration. In case this target is achieved, the levels of fertility in 2016 in various regions would be determined by the ideal number of children as per the people and the desired fertility level as it is difficult to have changes in other determinants of fertility in such a short time. The EDHS³ have estimated that the mean ideal number of children as 4.3 per woman and the Total wanted fertility rate as 3.0. Considering the difficulties in achieving the target of 66% CPR so fast, and also the possibility that this increase in CPR may not bring a drastic reduction in TFR immediately, no alternative projections have been prepared based on the assumption that these targets may be achieved. However, it may be noted that in case the strategies followed by Ministry of Health for increasing contraception becomes successful even with a short delay, it would have long term impact as the Government would be able to concentrate on other determinants of fertility decline to bring in accelerated decline. This may reduce the child population in the years beyond 2017.

The difference in projected population based on the three assumptions would not be very different in the initial years. As indicated earlier, target set for reducing fertility to 4.0 by 2015 has the chance of not being reached in view of the difficulties in sustaining the growth in contraceptive prevalence and also due to various other issues as indicated earlier. Hence, it is recommended that the projections corresponding to the “Medium” assumption may be used for all planning purposes.

Table 3.4 summarizes the estimated fertility levels for all the assumptions at national and regional level.

3 Central Statistical Authority(2011): Ethiopia Demographic and Health Survey 2011 – table 6.4 and table 6.6

Table 3.4: Projected Fertility levels under Three Different Assumptions

Region	2007-16			2017-26			2027-36		
	H	M	L	H	M	L	H	M	L
Country total	4.6	4.7	4.3	3.5	3.8	3.1	2.8	3.1	2.5
1. Tigray	4.1	4.2	4.3	3.1	3.3	3.1	2.6	2.7	2.5
2. Affar	4.4	4.4	3.9	3.2	3.4	2.8	2.6	2.7	2.3
3. Amhara	5.1	5.3	4.8	3.8	4.2	3.2	2.9	3.2	2.4
4. Oromia	5.2	5.3	4.8	4.5	4.7	3.6	3.9	4.1	2.7
5. Somali	4.4	4.5	4.1	3.3	3.5	3.0	2.6	2.8	2.4
6. Benishangul-Gumuz	4.7	4.9	4.5	3.8	4.1	3.4	3.0	3.4	2.7
7. SNNP	3.5	3.6	3.5	2.8	2.9	2.7	2.4	2.5	2.3
8. Gambella	3.2	3.3	3.1	2.5	2.6	2.4	2.2	2.3	2.2
9. Harari	2.7	2.8	2.6	2.3	2.4	2.2	2.2	2.2	2.1
10. Addis Ababa	1.8	1.8	1.8	1.9	2.0	1.9	2.0	2.1	2.0
11. Dire Dawa	4.6	4.7	4.3	3.5	3.8	3.1	2.8	3.1	2.5

Projection of fertility would also require the age pattern of fertility. The 2007 census collected data on births in the previous year. Assuming that there have not been any serious reporting errors by age in that data, it can be used as the age pattern of fertility at the start of the projection period. However, by the end of the projection period the pattern would undergo significant changes. As age at marriage goes up and the young couple postpone child births, the proportion births in the age group 15-19 would reduce. Similarly, as a result of the females limiting total number of births, the proportion of births to women in the higher age groups would also reduce. Table 5 gives a comparison of the distribution of the fertility from the Demographic and Health Surveys and ICPS 2012 for Amhara that has shown highest fall in fertility and Addis Ababa where fertility is the lowest. It can be seen the estimates for the country from DHS 2000, 2011 and Census 2007 are similar. The pattern is different for Addis Ababa and Amhara.

A comparison of the figures with the United Nations model patterns indicate that at lower levels of fertility, the pattern is different from that for similar fertility levels for Sub-Saharan Africa. It has been assumed that, over the years, the distribution would tend to become similar to that of Addis Ababa, which is an observed pattern from within the country. Though Addis Ababa is fully urban, when fertility comes to such low levels, there would not be significant differences between the patterns in rural and urban areas.

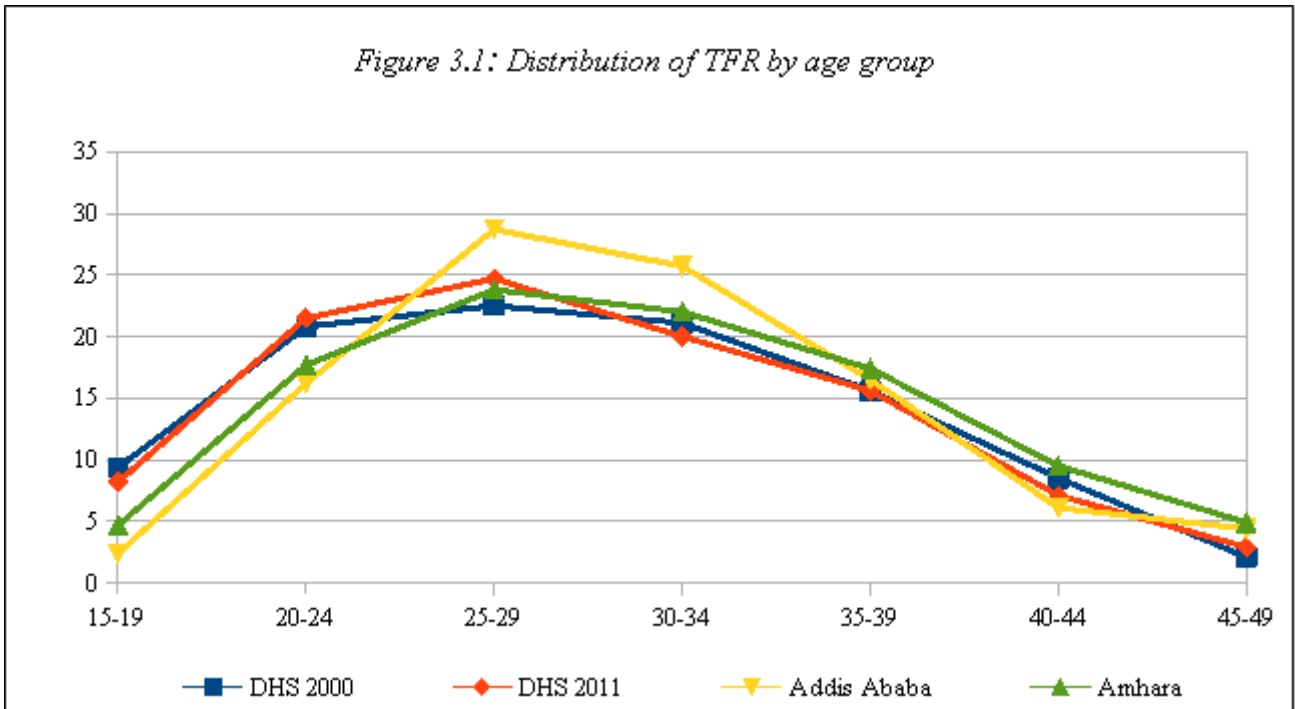
The readers may note that projecting the future course of fertility change is a difficult task as only limited data are available for the past, some them having high coefficients of variation. The impact of cultural factors that may affect the adaptation of family planning is also difficult to assess for the present as well as for the future. Thus, though fertility change is the most important factor

that will affect the population change in the country and the regions except Addis Ababa, there is a high amount of uncertainty associated with it. In view of this the fertility projections and consequently the projected population figures should be used keeping in view the possibility of such variations.

Table 3.5: Age Pattern of Fertility, DHS 2000, 2011, Census 2007 and ICPS 2012

Age group	Percentage distribution of TFR by age					
	DHS 2000	DHS 2011	Census 2007	ICPS		
				Country	Amhara	Addis Ababa
15-19	9.4	8.2	7.2	5.3	4.7	2.4
20-24	20.8	21.5	22.4	19.6	17.7	16.2
25-29	22.5	24.7	25.1	25.6	23.8	28.7
30-34	21.1	20.0	20.7	23.3	22.0	25.7
35-39	15.6	15.6	14.3	15.4	17.4	16.5
40-44	8.5	7.1	6.8	7.0	9.5	6.1
45-49	2.1	2.9	3.5	3.8	4.9	4.4
Total	100.0	100.0	100.0	100.0	100.0	100.0

Figure 3.1: Distribution of TFR by age group



Chapter 4

PROJECTION OF MORTALITY

In a society, not affected by migration, mortality is the only factor that reduces population. In any population mortality rates change by age and sex. In developing countries, mortality rates at young ages, specifically that of infants (below one year of age) and children (below 5 years) is high. The mortality rates initially decline by age and reach the minimum in the early twenties before it starts increasing. The expectation of life at birth tries to summarise the mortality rates. However, it is to be borne in mind that different mortality patterns can result in the same expectation of life. This situation can occur in large countries like Ethiopia, where mortality some age groups changes differently in some regions as a result of specific policies and programs. For example a region, with high inputs for reducing infant and child mortality would, after some time, have a different mortality pattern from a region that did not have such a program or where cultural practices prevented such programs from realising its full impact. However, in the absence of reliable data on mortality it is difficult to analyse such possibilities in the country.

In general, mortality changes are gradual, and normally within a given pattern. This makes it comparatively easy to project mortality patterns into the future. The model patterns of mortality are used for projecting the age specific survival chances. The following paragraphs describe the procedure for projection of mortality.

4.1 Sources of data

As the country does not have a Civil Registration System or surveys that produce regular vital statistics, the only sources of data on mortality are population censuses and occasional surveys. Though the Demographic and Health Surveys also produced some estimates they were restricted to infant and child mortality. In both census and ICPS questions on any death that occurred in the previous year in the household was asked. These questions included age and sex of the deceased also. The data collected in this questionnaire formed the basis for estimating mortality levels. These data could suffer from some underestimation due to errors in the reference period as well as due to the inherent difficulty in discussing about death of the dear ones with the respondents.

The completeness of the mortality data was evaluated using growth balance model. Significant levels of under-enumeration of deaths were noted during the analysis. The reported age sex mortality patterns we then adjusted for under-enumeration so that reliable estimates are available. A similar exercise was carried out with data collected from the Intercensal Population Survey (ICPS), 2012 also. Table 4.1 presents the estimated life expectancy from these sources. As the ICPS was conducted in a small sample only in all regions other than Amhara and Addis Ababa, sampling errors for the age specific death rates are high. In fact in some regions no deaths were recorded in some age groups for a particular sex either in urban or rural areas. Estimation of the rates in such cases had to depend on model patterns.

Table 4.1: Estimates of Expectation Of Life at Birth, Census 2007 and ICPS, 2012

Region	Census 2007		ICPS 2012	
	Males	Females	Males	Females
Country total	54	58	58	61
1. Tigray	54	58	60	62
2. Afar	58	59	59	60
3. Amhara	52	58	57	59
4. Oromia	55	59	57	62
5. Somali	55	60	58	64
6. Benshangul Gumz	53	57	55	59
7. SNNP	53	58	57	59
8. Gambella	53	59	56	60
9. Harari	61	62	68	73
10. Addis Ababa	57	63	60	64
11. Dire Dawa	57	59	58	61

4.2 Method of projection and projected expectation of life

It is seen from the table that the expectation of life in the country has increased during 2007-12. This shows that the mortality situation is improving. DHS 2011 also had noted decline in child mortality levels and this would aid the increase in life expectancy levels. The gain in life expectancy is not uniform in all regions. Affar and Dire Dawa have shown lowest gains in life expectancy. This could be partly be due to the difficulty in measurement of the gains through the small samples. In Affar, in addition to the small samples, there were some resettlement programs that affected the sampling frame that in effect could have affected the variability of the results. In some of the other regions, the gain during 2007-12 is too high compared to the standards expected at such levels of expectation of life. While part of it may have to do with sampling errors, the methodological issues in adjusting the age specific death rates for omission of deaths also could have contributed to the variations. In view of this the estimates based on census have been used as the base estimates of mortality levels.

For preparing population projections the level of mortality measured through life expectancy is required for the base period as well as the subsequent years. Normally the gain in life expectancy during a period depends on the health programmes, access to health care, etc. These have been improving in the country. Another factor that affects the quantum of the gain in life expectancy is the mortality level itself. While significantly high gains can be expected in a short period at higher levels of mortality, the rate of increase in expectation of life decreases as life expectancy increases. United Nations have provided a model pattern of likely increase in expectation of life under three different scenarios at various levels of life expectancy. These are shown in table 4.2.

Table 4.2: UN Model of Life Expectancy Improvement during a Five Year Period

Initial life Expectancy	Fast Rise		Middle Rise		Slow Rise	
	Male	Female	Male	Female	Male	Female
55.0 - 57.5	2.5	2.5	2.5	2.5	2.0	2.0
57.5 - 60.0	2.5	2.5	2.5	2.5	2.0	2.0
60.0 - 62.5	2.5	2.5	2.3	2.5	2.0	2.0
62.5 - 65.0	2.3	2.5	2.0	2.5	2.0	2.0
65.0 - 67.5	2.0	2.5	1.5	2.3	1.5	2.0
67.5 - 70.0	1.5	2.3	1.2	2.0	1.0	1.5
70.0 - 72.5	1.2	2.0	1.0	1.5	0.8	1.2
72.5 - 75.0	1.0	1.5	0.8	1.2	0.5	1.0
75.0 - 77.5	0.8	1.2	0.5	1.0	0.3	0.8
77.5 - 80.0	0.5	1.0	0.4	0.8	0.3	0.5
80.0 - 82.5	0.5	0.8	0.4	0.5	0.3	0.3
82.5 - 85.0	0.0	0.5	0.0	0.4	0.0	0.3
85.0 - 87.5	0.0	0.5	0.0	0.4	0.0	0.3

These patterns can be used for projecting the expectation of life for the projection period. With several initiatives in the health sector, both in terms of infrastructure and health professionals, there is no reason to believe that Ethiopia would take the slow path. However, the country still needs better access to health care facilities in rural areas where the road networks and communication facilities needs a lot of improvement. Similarly, cultural barriers to modern medicine, people leaving behind age old good practices in the name of modernization, etc., may also have a dampening impact on the efforts to increase life expectancy. In view of these the 'Middle Rise' pattern has been used for projecting mortality. The projection also requires the likely age pattern of mortality in the future years. There are several model patterns of mortality available. These include the Coale Demeny Model Life Tables⁴, The United Nations Model Life Tables⁵ and the In-Depth⁶ Model Life tables. Each of these contains different patterns of mortality for any given expectation of life. For example while one pattern has higher infant and child mortality another may have higher adult mortality. The experts are of the opinion that in the absence of sufficient information to the contrary, Coale Demeny 'North' model pattern may be used for Ethiopia. Hence these have been used in working out the projections.

It may be noted that the base estimates have been arrived at using indirect techniques of adjusting the reported death rates. Due to the inherent methodological issues and quality of data

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Coale A J , P. Demeny and B Vaughan (1983), Regional Model Life Tables and Stable Populations, Second Edition, Academic Press, New York

5 United Nations (1982) Model life tables for Developing Countries. Department of Economic and Social Affairs, Population studies No. 77 , United Nations,New York.

6 INDEPTH Network (2004) "INDEPTH Model Life Table for Sub-Saharan Africa" Aldershot, Ashgate Publishing Limited, Ghana.

used for estimation, there is the possibility of some variations in these estimates from the estimated levels from the true levels of mortality. Thus, though the scale of improvement in mortality used for projecting the expectation of life may be robust, the projected levels of mortality may not be accurate. This would contribute to the variation in the projected population from the actual population size. The variations can be higher in some regions and age groups. In view of this the readers should take the estimates with some amount of caution.

Chapter 5

MIGRATION

Migration plays an important role in population change and its projection is an important element in arriving at reasonably reliable population estimates into the future. Most of the migrations happen from less developed regions to more developed areas. These would include rural to urban migration or migration to regions where industrial activity is increasing resulting in creation of new jobs. Sometimes, availability of fertile land for agriculture or new irrigation facilities can encourage people, who are dependent on agriculture, to migrate to such regions, even though they are not otherwise developed. This chapter discusses the projection of the number of migrants. Although natural disasters and calamities, civil unrest, etc., can also lead to large scale migration, these can not be predicted and is not within the scope of this discussion.

5.1 Sources of data

The 2007 census collected data on migration by asking each individual about his place of birth and if he had resided at any place outside the place of enumeration. Similar information were collected in the ICPS 2012 also. As the projection exercise is planned to project the population at regional level only, the migration within the regions across weredas and zones is not of interest in the foregoing discussions.

Both the proportion persons born and who were residing outside the country in the past have been estimated to be 0.05 per cent only as per the ICPS, 2012. This is a very small proportion and considering that there would also be some persons who are migrating out of the country, the impact of international migration does not seem to be of any significance for projecting the population of Ethiopia. Hence it has been assumed to be zero for working out the population projections.

Data on inter-regional migration are required to get an idea of in and out migration from various regions of the country. Such data are not available from 2007 census. The ICPS 2012 provides these information. However, it may be noted that due to small sample size in the regions other than Addis Ababa and Amhara, the estimates for other regions would have higher sampling variability. Table 5.1 provides data on in and out migrants for each region as a proportion of the current population of the region. The data are provided separately for all migrants and those who have lived at the current place of residence for less than 5 years. In other words, the latter category of people has migrated to the current place of residence within the last five years and hence they are classified as recent migrants.

It is noticed that some of the regions have comparatively large proportion of migrants. However, the relative order of the regions in terms of migrants changes between all migrants and recent migrants, indicating the shift in migration pattern in terms of origin and destination in the recent years. The distribution of all migrants is also affected by mortality among those who migrated in the past, some migrants going to other areas and return migration. In view of this, the data relating to recent migrants are more useful to provide a snapshot of the current situation. Though it would have been preferable to have the data relating migration in the last one year, it is

better to take a five year average as it would help reduce the effect of digital preferences in reporting as well as reduce the sampling fluctuations.

Table 5.1: In-migrants, Out-migrants and Net-migrants by Region among All Migrants and Recent Migrants, ICPS 2012

Region	Rate per 1000 current population of the region					
	All migrants			Recent migrants		
	In-migrants (I)	Out-migrants (O)	Net migrants (I-O)	In-migrants (I)	Out-migrants (O)	Net migrants (I-O)
1. Tigray	26	43	-17	8	11	-4
2. Affar	81	15	66	33	12	21
3. Amhara	7	71	-64	4	14	-11
4. Oromia	25	24	1	8	8	1
5. Somalia	17	16	1	2	4	-2
6. Benishangul-Gumuz	209	31	178	44	10	34
7. SNNP	20	47	-27	10	13	-3
8. Gambella	220	12	209	82	9	73
9. Harari	224	181	43	76	45	31
10. Addis Ababa	452	22	430	96	51	45
11. Dire Dawa	334	45	289	106	24	82

Note: I-O is not tallying with I and O in some cases due to rounding errors

For the purposes of projection it is assumed that the above rates would continue to apply for most of the regions. In case of Affar and Gambella, where commercial farming seems to be attracting migration, it was felt that the current situation of net in-migration may continue for sometime. Though as a proportion of the population of the region, the rates appears high, in absolute numbers they are not very high as may be seen later. Table 5.2 provides the estimated number of migrants (net of in-migration and out-migration) in each region in a year assuming that the one fifth of the rates shown in table 5.1 applies for each year.

The table 5.2 indicates that on an average during 2007-08, Amhara region would be losing 38,000 people due to migration whereas Addis Ababa would be gaining 25,000 due to migration. About 9,000 people leave SNNP while Dire Dawa and Affar are getting about 6,000 people in an year. These figures are for the initial years and would increase later as they are calculated at the same proportion of the population every year. It is likely that even in the short term there are factors that change the migration patterns across the regions. However, it is not possible to make any forecasts on such changes.

Table 5.2: Mid-year Population 2007 and Estimated Number of Migrants in the First Year (2007-08)

Region	Population (000's)	Net number of migrants	
		Migration rate/1000	No. of migrants ('000s)
1. Tigray	4327.3	-0.8	-3
2. Affar	1377.4	4.2	6
3. Amhara	17255	-2.2	-38
4. Oromia	27062.4	0.2	5
5. Somali	4399.1	-0.4	-2
6. Benishangul-Gumz	787.2	6.8	5
7. SNNP	14968.6	-0.6	-9
8. Gambella	308.4	14.6	4
9. Harari	183.9	6.2	1
10. Addis Ababa	2735.5	9.0	25
11. Dire Dawa	343.1	16.4	6

Note: '-' sign indicate net out-migration.

Migration does not happen at all ages in the same manner. Normally it is concentrated in the early working ages. This needs to be taken into consideration in the projections. Similarly the gender break up of migrants is also not same as that of the total population. For this purpose, the male female distribution of the net migrants has been taken from ICPS 2012 as the same are not available from census 2007. The age distribution of the migrants has also been taken from the survey as it provides a more recent age pattern. The same age distribution of migrants has been used in all regions, though there may be some differences across regions. The age distribution of only those who migrated during the five years prior to the survey has been used as they would represent the recent trends in age pattern of migrants.

As indicated earlier projecting migration is not easy as it depends on various socio-cultural and economic factors. The assumptions on migration used here are not based on any detailed studies on the subject and are very subjective. This can result in the projected population being different in regions where migration is important. While making any comparison of the projected population with future census counts or even while using the projections for such regions, there is need for some amount of caution.

Chapter 6

PROJECTION URBAN POPULATION

The growth of urban population occurs on account of four factors, viz., natural growth, migration, emergence of new towns and expansion of new towns. It is almost impossible to measure these components for the past and project them separately into the future. So a method that takes into consideration the net effect of all these is required.

Projection of urban and rural population is done by projecting the proportion of urban population based on the assumptions regarding pace of urbanization. United Nations have proposed projection of the Urban-Rural Growth Differential (URGD) which measures the tempo of urbanization as a method of population projection (Manual VII: Methods of Projecting Urban and Rural Population). While the method can be used for projections, it requires the possible future course of urbanization.

The Population Policy mentions, “Reducing the rate of rural to urban migration” under the heading “General Objectives”. Under the policy, the Federal Ministry of Urban Development and Construction is responsible to “Design medium to long-term plans for the development of intermediate towns and cities in the context of general urban master plans to stem uncontrollable rural to urban migration”. While these objectives have the intention to ensure that too many people do not migrate to urban areas and that people should be provided employment nearer to home within commutable distances., it may be noted that the level of urbanization can also increase without having too much of migration to urban areas. This happens when rural economy improves resulting in the development of urban centres that provide trade and service facilities to the rural population. Setting up of agriculture based small and micro enterprises would also contribute to urbanization without adding much to migration. As educational level in rural areas increases and people adapt labour saving technologies in agriculture, the employment dependent on agriculture would reduce and this would also spur urbanization.

If urban and rural population in a given region continues to grow at the same rate then the proportion of urban population would remain constant. When urban population grows faster the proportion of urban population would also increase. The difference in the growth rate between rural and urban areas would include the effect of all factors, such as natural growth, migration, emergence of new urban areas and expansion of boundaries of existing urban areas. Let T_t , U_t , and R_t be the total, urban and rural population at time t . Then, P_t , the proportion of urban population at

$$P_t = \frac{U_t}{T_t}$$

time t can be expressed as,

This can be simplified using the initial ratio of urban and rural population and the differential between urban and rural growth rates and written as,

$$P_t = \frac{\left(\frac{U_0}{R_0} e^{dt}\right)}{\left(1 + \frac{U_0}{R_0} e^{dt}\right)}$$

, where dt is the difference between urban and rural growth rates (Urban Rural Growth Differential URGD) for the time period. In this method one need to make assumptions only about the likely course the URGD (dt in the above expression) would take in the future. The possibilities are as below:

1. The tempo of urbanization remains as in the past: Though the overall growth may change in the region, the difference between urban and rural growth remains same. In such a case continuance of the observed URGD into the future can be assumed.
2. The tempo of urbanization increases for sometime till the level of urbanization reaches a certain level. In this case an increasing the URGD would be assumed in the short term and till the proportion urban reaches a pre-determined level after which there will be a slow down in urbanization with URGD slowly coming down.

Ethiopia has a low level of urbanization. It is possible that most of the urban growth that has been recorded during 1994-2007 have happened in the second half of the period after Government policies helped the growth of small towns. In this situation it would, probably, be appropriate to assume that the urban growth will be much higher in the post 2007 period. Government policies on infrastructure development may aid faster urbanization.

Table 6.1 provides the urban and rural population, proportion of urban population and growth rates during 1994-2007 at region level. The URGD are also presented.

Table 6.1: Proportion Urban, Growth Rates and URGD, 1994-2007

Region	Percentage urban		Annual Growth Rate 1994-2007			URGD
	%U 1994	%U 2007	T	U	R	
Country Total	13.69	16.18	2.49	3.77	2.26	1.51
1. Tigray	14.94	19.53	2.45	4.52	2.03	2.49
2. Afar	7.53	13.39	2.20	6.62	1.69	4.93
3. Amhara	9.15	12.27	1.68	3.94	1.41	2.53
4. Oromiya	10.52	12.41	2.86	4.13	2.69	1.44
5. Somali	13.66	13.99	2.52	2.71	2.49	0.21
6. Benishangul-Gumuz	7.82	14.60	2.89	7.69	2.31	5.39
7. SNNP	6.79	10.28	2.86	6.04	2.56	3.48
8. Gambella	15.08	25.37	4.03	8.03	3.03	5.00
9. Harari	58.24	54.17	2.58	2.02	3.29	-1.27
10. Addis Ababa	98.67	100.00	1.99	2.10		2.10
11. Dire Dawa	68.76	67.92	2.37	2.28	2.58	-0.30

Since it is difficult to predict the course of urbanization, it would be useful to look at two scenarios – slowly increasing urbanization and faster increase in urbanization. Table 6.2 gives a summary of the assumptions for each region. As Addis Ababa is already 100% urban, it is not shown in the table.

It may be noted that the rural growth rates were higher than the corresponding urban figures in Harari and Dire Dawa during 1994-2007. This may have occurred due to influx of migrants into the rural areas and new settlements coming up just outside the urban limits, which are basically an expansion of the urban area that are yet to be recognized as urban. Since the areas and

the population sizes are small, even a little change on the above lines may have its impact on the growth rates.

In both Harari and Dire Dawa, urbanization may increase in future due to either or both of the following:

1. Emergence of new urban areas which are currently rural.
2. Inclusion of the population just outside the periphery of the existing towns into the urban limits

It is possible that formal recognition of the above types of areas as urban may take some time. However, in a projection exercise we have to assume that the change is gradual, unless there are enough justifications do otherwise. In view of this it has been assumed that the URGD may become 0.5% in the period 2007-12, 0.75% for next five years and 1.0% thereafter. An alternate assumption used is that URGD would be 0.5% for the first five years and would increase by 0.25% every five years.

The urban and rural areas have shown almost similar growth in Somali. It is likely that the urban population may grow faster than the rural population in the future, the pace slowly going up. We may assume that URGD may increase by 50% of that observed during 1994-07 in each five year period. Alternatively, it can be assumed that URGD would be increasing gradually over the period, starting with URGD of 0.5% in the initial five year period, going up to 1.75% by 2032-37.

In Affar, Benishangul-Gumuz and Gambella the urban population have grown significantly faster than the rural population during 1994-2007. As the urban population was very small in 1994, even small changes would have affected the growth rates. Unless there are external evidences that factors for rapid urbanization are present in the region, it may not be proper to assume that the same pace of urbanization would continue into the future. Hence it is assumed that urbanization may continue at same rate for next 5 years (2007-2012) and at 75% of that rate for the period 2012-17. Thereafter it is assumed that pace of urbanization may be reduced and URGD may be 50% of that during 1994-2007. An alternate assumption is that the high pace of urbanization witnessed during 1994-2007 would continue in the future. However, as high URGD is not sustainable, it has been capped at 5%.

SNNP has a comparatively higher rate of urbanization during 1994-2007 resulting in a URGD of 3.48 per cent per annum. The continuation of this URGD has been assumed to last during for the first decade of the projection period. For the remaining two decades, it has been assumed that URGD would come down gradually by 20% every five years. An alternative assumption used is the continuance of the same URGD throughout the period.

For all other regions, it is likely that the tempo of urbanization would increase in the future. It can be assumed that the Urban-Rural growth differential would go up by 50% of that observed during 1994-2007. However, since the urbanization levels are lower there is possibility that the pace of urbanization would go up much more rapidly. So an alternate scenario can be that URGD would double during the first decade and continue at that level for the remain projection period. In both cases the possible URGD may be limited to 6 per cent, that is urban areas may grow faster compared to rural areas and the difference in growth rate may not exceed 6% per annum. As the overall growth rate is likely to be about 2 per cent or lower per annum, 6% URGD may be achieved in some cases only when rural growth rate becomes negative, which is a rare possibility in larger regions. The rate of increase in URGD assumed in these scenarios is purely arbitrary as there

are no clear guidance or policy statements that would help quantifying the likely change.

Table 6.2 provides the projected urban proportions at region level with the above assumptions. As Addis Ababa is 100 per cent urban, there is no need to project the urban population separately.

Table 6.2: Percentage of Urban Population in 2007 and Projected Percentages, 2012-37

Region	2007	Slow urbanization						Fast urbanization					
		2012	2017	2022	2027	2032	2037	2012	2017	2022	2027	2032	2037
1. Tigray	19.5	22.6	26.1	29.8	33.9	38.2	42.7	22.6	27.3	32.5	38.2	44.3	50.5
2. Afar	13.4	16.5	19.2	21.2	23.3	25.6	28.0	16.5	20.2	24.5	29.3	34.7	40.4
3. Amhara	12.3	14.5	17.0	19.8	23.0	26.5	30.4	14.5	17.8	21.8	26.4	31.5	37.1
4. Oromiya	12.4	13.6	15.0	16.4	17.9	19.6	21.3	13.5	15.3	18.0	22.0	26.6	31.8
5. Somali	14.0	14.2	14.4	14.7	15.0	15.5	16.0	14.3	14.8	15.4	16.2	17.3	18.6
6. Benshangul-Gumuz	14.6	18.0	21.2	23.5	26.0	28.7	31.5	18.0	22.0	26.6	31.7	37.4	43.4
7. SNNP	10.3	12.0	14.0	15.7	17.3	18.6	19.7	12.0	14.0	16.2	18.7	21.5	24.6
8. Gambella	25.4	29.1	32.1	34.8	37.7	40.7	43.8	30.4	35.9	41.8	48.0	54.3	60.4
9. Harari	54.2	54.8	55.7	56.9	58.2	59.4	60.6	54.8	55.7	56.9	58.5	60.3	62.4
10. Dire Dawa	67.9	68.5	69.3	70.3	71.4	72.4	73.4	68.5	69.3	70.3	71.6	73.1	74.8

The total urban population would be determined as the sum of the urban population in all regions. It may be noted that the growth of urban population is slow in the larger regions of Somali, Oromia, Amhara, and SNNP. As these regions are comparatively large, it brings down the overall urban proportion. However, considering that these regions also contain large agricultural areas, the urbanization cannot happen very fast.

The projection of urban population by age is based on the proportion of urban population in each age group in the base year.

An average of the urban population from the above two scenarios is presented as a 'medium urbanization' scenario. The estimates of urban population based on the three scenarios have been worked out only for the medium fertility assumption assumptions. However, using the above proportions and the projected population based on other assumptions the projected urban population can be worked out by data users.

Implementation of the GTP with objectives of increasing employment generation in urban areas is likely to result in higher rural to urban migration and thus faster urbanization. On the other hand the plans to increase incomes in rural areas can also result in reduction in rural to urban migration. Hence the path that urbanization may take is unclear now. This has to be kept in view while using the projected urban population.

Chapter 7

PROJECTED POPULATION

This chapter discusses some of the important results of the projection exercise including some of the implications for policy and program planning. As indicated in the previous chapters, the uncertainties associated with each component of population projections, namely, fertility, mortality and migration, are substantial. Though some of these may average out for the country as a whole, it still can result in the actual population being different from the projected population. The variations are likely to be higher in the smaller regions on account of the sampling variability associated with the estimates used for projecting the components, as well as the possibility of the migration patterns changing due to Government policies, developments in the region, etc.. In view of this the data users may consider these projections only as an indicator of population change under the given assumptions.

Table 7.1 provides the projected population of the country for various years under the three assumptions as well as the urban population under the assumption of medium pace of urbanization and corresponding to medium projections. The projection results of the country and regions under three assumptions by sex and age groups are presented in Annexure 1.

Table 7.1: Projected Population (In '000s) Of Ethiopia by Variant and Urban Population,2007-37

Year	Total population			Urban population	
	Medium	High	Low	Population	Percentage
2007	73,845	73,845	73,845	11,874	16.1
2012	83,742	84,040	82,974	15,246	18.2
2017	94,352	95,223	92,309	19,164	20.4
2022	105,166	106,983	101,490	23,880	22.8
2027	115,946	118,959	110,405	29,311	25.4
2032	126,514	130,875	119,074	35,488	28.2
2037	136,792	142,577	127,460	42,388	31.1

The population of Ethiopia may reach 128 to 143 million as per these projections. The assumption of slow decline in fertility indicates that the population can be as high as 143 million whereas the medium and low fertility assumptions indicate that the population can reach 137 million or 143 million. This difference indicates the impact that slower fertility decline, mostly due to slower increase in contraceptive usage can result in a 30 year time frame. The decline in fertility, even at a slow pace, would prevent the country from doubling its population in the 30 year period of projection.

The urban population would show a substantial increase from about 11.9 million to 42.4 million, i.e., about 3.5 times the number in 2007. The proportion of urban population may almost double from 16.1 to 31.1 per cent. It may be pointed out that projections of urban population are more hazardous as it depends on several factors. The projections, even for a short period of 10

years, can very easily go wrong. Hence the users should consider these only as indicative of the likely trends the population growth can take.

Table 7.2 provides the projected population by age group in the base year and under the three assumptions in 2037. The figures show the change in the age pattern if the fertility changes follow different paths.

Table 7.2 Age Distribution of the Base Population, 2007 and the Projected Population, 2037

Age Group	2007		2037					
	Population	Percent	Population			Percent		
			Medium	High	Low	Medium	High	Low
0-4	11,995	16.2	13,650	15,131	11,705	10.0	10.6	9.2
5-9	10,796	14.6	13,507	14,939	11,614	9.9	10.5	9.1
10-14	9,607	13.0	13,448	14,709	11,610	9.8	10.3	9.1
15-19	8,426	11.4	13,284	14,215	11,668	9.7	10.0	9.2
20-24	6,983	9.5	12,891	13,366	11,613	9.4	9.4	9.1
25-29	5,785	7.8	11,989	12,157	11,217	8.8	8.5	8.8
30-34	4,496	6.1	10,868	10,847	10,850	7.9	7.6	8.5
35-39	3,643	4.9	9,941	9,939	9,938	7.3	7.0	7.8
40-44	2,888	3.9	8,743	8,752	8,747	6.4	6.1	6.9
45-49	2,333	3.2	7,524	7,535	7,530	5.5	5.3	5.9
50-54	1,824	2.5	6,088	6,099	6,094	4.5	4.3	4.8
55-59	1,440	2.0	4,876	4,884	4,881	3.6	3.4	3.8
60-64	1,140	1.5	3,589	3,595	3,593	2.6	2.5	2.8
65-69	871	1.2	2,653	2,658	2,656	1.9	1.9	2.1
70-74	627	0.8	1,801	1,805	1,804	1.3	1.3	1.4
75-79	401	0.5	1,122	1,125	1,124	0.8	0.8	0.9
80+	588	0.8	818	820	819	0.6	0.6	0.6
All ages	73,845	100.0	136,792	142,577	127,460	100.0	100.0	100.0

As the main difference between the three assumptions is on the path that fertility change would take in the future, the differences in the projected population are on account of the differences in the number of children born since 2007 and surviving till the various dates of projection. It can be seen that if the fertility decline follows the medium path, then there would be about 13.7 million children aged 0-4 years in 2037, about 14 per cent above the base level. However, if fertility decline is slower than the number of children can be as much as 15.2 million, which is about 25% higher than the number in 2007. These points to the possible higher requirements in terms of programs for child health, nutrition, schooling, etc. One redeeming factor that can be seen on examination of the projected population by age for various years is that the growth rate in number of children is slowly coming down on account of fertility decline and it seems to be on the path of stabilization by 2037.

The proportion of children among the population shows a declining trend. The percentage of children aged 0-14 years would come down from about 43.8% in 2007 to 27-34 per cent depending the path of fertility decline. This is a welcome sign as it would mean less number of children per population in the working age or a lower dependency ratio (young).

The number of people in the working age group may increase from about 39 million in 2007 to about 86.5-91.2 million in 30 years. The growth rate of population in the working age group is much higher than that of the total population. Though it is likely that larger number of people in the age group 15-24 would be in educational institutions, there will still be a high growth rate in the economically active population. This would mean that the country has to plan for providing employment to a much larger number of people. This increase is on account of the demographic dividend. Unless this dividend can be well utilized for the overall economic development of the society, it can lead to several social and economic problems. Adaptation of labour saving technologies in agriculture may result in almost no growth of employment opportunities the agriculture sector. In addition, the new generation that would better educated would have to be provided jobs that are relevant to their educational levels.

In 2007, about 3.3% of the population was aged 65 years and above (elderly population). There would be tremendous growth in the number from 2.5 million in 2007 to about 6.4 million in 2037, an increase of about 2.5 times in 30 years. This fast increase in the number of elderly people would create demand for several types of services for them. As they would still be small in number and scattered all over the country, it would require careful planning to ensure that their requirements are met. There would be significant proportion among them who would be economically active and require suitable opportunities to make use of their skills and experience.

ANNEXTURE

Table A 7.1 Base Year Population (in thousands) by Sex and Age Group, Country Total: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	73921.6	37303.1	36618.5	11903.6	5916.1	5987.5	62018.0	31387.0	30631.0
0-4	11982.2	6095.2	5887.0	1119.5	572.5	547.0	10862.7	5522.7	5340.0
5-9	10847.7	5520.4	5327.3	1347.4	668.0	679.4	9500.3	4852.4	4647.9
10-14	9686.9	4926.5	4760.4	1534.3	745.9	788.4	8152.6	4180.6	3972.0
15-19	8394.2	4237.0	4157.2	1517.5	736.4	781.1	6876.7	3500.6	3376.1
20-24	6947.6	3434.6	3513.0	1425.2	695.9	729.3	5522.4	2738.7	2783.7
25-29	5751.6	2818.0	2933.6	1233.0	608.2	624.8	4518.6	2209.8	2308.8
30-34	4539.5	2210.9	2328.6	953.9	482.9	471.0	3585.6	1728.0	1857.6
35-39	3674.4	1797.7	1876.7	747.6	384.0	363.6	2926.8	1413.7	1513.1
40-44	2921.1	1462.3	1458.8	536.6	280.1	256.5	2384.5	1182.2	1202.3
45-49	2344.7	1188.9	1155.8	405.4	211.8	193.6	1939.3	977.1	962.2
50-54	1829.0	937.0	892.0	302.4	153.7	148.7	1526.6	783.3	743.3
55-59	1453.0	752.8	700.2	232.0	115.6	116.4	1221.0	637.2	583.8
60-64	1144.0	600.5	543.5	180.1	87.1	93.0	963.9	513.4	450.5
65-69	873.8	465.0	408.8	135.5	64.5	71.0	738.3	400.5	337.8
70-74	626.6	339.9	286.7	96.0	45.3	50.7	530.6	294.6	236.0
75-79	402.4	225.1	177.3	61.6	29.5	32.1	340.8	195.6	145.2
80+	502.9	291.3	211.6	75.6	34.7	40.9	427.3	256.6	170.7

Table A7.1.1 Base Year Population (in thousands) by Sex and Age Group, Tigray Region: July 1, 2007)

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4327.3	2131.4	2195.9	847.8	400.6	447.2	3479.5	1730.8	1748.7
0-4	665.8	338.3	327.5	98.4	50.7	47.7	567.4	287.6	279.8
5-9	609.7	308.0	301.7	104.5	51.5	53.0	505.2	256.5	248.7
10-14	550.8	276.2	274.6	108.6	51.6	57.0	442.2	224.6	217.6
15-19	478.3	236.8	241.5	103.1	48.0	55.1	375.2	188.8	186.4
20-24	391.6	188.9	202.7	93.9	42.9	51.0	297.7	146.0	151.7
25-29	325.1	154.2	170.9	80.3	36.6	43.7	244.8	117.6	127.2
30-34	259.5	120.5	139.0	62.4	28.8	33.6	197.1	91.7	105.4
35-39	214.6	99.4	115.2	49.1	23.0	26.1	165.5	76.4	89.1
40-44	177.5	83.9	93.6	35.8	17.3	18.5	141.7	66.6	75.1
45-49	148.4	71.0	77.4	27.5	13.3	14.2	120.9	57.7	63.2
50-54	122.8	59.7	63.1	21.3	9.9	11.4	101.5	49.8	51.7
55-59	102.8	50.5	52.3	17.0	7.6	9.4	85.8	42.9	42.9
60-64	86.4	42.6	43.8	14.1	5.9	8.2	72.3	36.7	35.6
65-69	69.8	34.9	34.9	11.3	4.6	6.7	58.5	30.3	28.2
70-74	53.6	27.5	26.1	8.5	3.5	5.0	45.1	24.0	21.1
75-79	37.7	20.3	17.4	6.1	2.7	3.4	31.6	17.6	14.0
80+	32.9	18.7	14.2	5.9	2.7	3.2	27.0	16.0	11.0

Table A7.1.2 Base Year Population (in thousands) by Sex and Age Group, Afar Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1377.4	768.2	609.2	180.5	96.3	84.2	1196.9	671.9	525.0
0-4	174.9	94.1	80.8	20.3	10.6	9.7	154.6	83.5	71.1
5-9	187.7	105.7	82.0	21.4	11.1	10.3	166.3	94.6	71.7
10-14	195.5	113.6	81.9	22.4	11.6	10.8	173.1	102.0	71.1
15-19	178.3	103.2	75.1	21.7	11.2	10.5	156.6	92.0	64.6
20-24	145.5	81.3	64.2	20.8	10.7	10.1	124.7	70.6	54.1
25-29	120.1	65.1	55.0	18.4	9.6	8.8	101.7	55.5	46.2
30-34	92.2	46.6	45.6	15.0	8.0	7.0	77.2	38.6	38.6
35-39	74.8	37.4	37.4	12.0	6.6	5.4	62.8	30.8	32.0
40-44	62.3	32.8	29.5	8.9	5.1	3.8	53.4	27.7	25.7
45-49	49.1	26.9	22.2	6.6	3.9	2.7	42.5	23.0	19.5
50-54	34.8	20.8	14.0	4.5	2.7	1.8	30.3	18.1	12.2
55-59	24.9	15.7	9.2	3.3	2.0	1.3	21.6	13.7	7.9
60-64	16.0	10.6	5.4	2.1	1.3	0.8	13.9	9.3	4.6
65-69	10.1	6.9	3.2	1.4	0.9	0.5	8.7	6.0	2.7
70-74	5.5	3.9	1.6	0.8	0.5	0.3	4.7	3.4	1.3
75-79	2.1	1.3	0.8	0.4	0.2	0.2	1.7	1.1	0.6
80+	3.6	2.3	1.3	0.5	0.3	0.2	3.1	2.0	1.1

Table A7.1.3 Base Year Population (in thousands) by Sex and Age Group, Amhara Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	17255.0	8658.0	8597.0	2125.0	1031.0	1094.0	15130.0	7627.0	7503.0
0-4	2559.0	1287.0	1272.0	174.0	88.0	86.0	2385.0	1199.0	1186.0
5-9	2394.0	1208.0	1186.0	236.0	116.0	120.0	2158.0	1092.0	1066.0
10-14	2213.0	1119.0	1094.0	287.0	139.0	148.0	1926.0	980.0	946.0
15-19	1947.0	979.0	968.0	284.0	137.0	147.0	1663.0	842.0	821.0
20-24	1617.0	799.0	818.0	257.0	124.0	133.0	1360.0	675.0	685.0
25-29	1346.0	660.0	686.0	219.0	106.0	113.0	1127.0	554.0	573.0
30-34	1061.0	516.0	545.0	162.0	79.0	83.0	899.0	437.0	462.0
35-39	873.0	426.0	447.0	126.0	62.0	64.0	747.0	364.0	383.0
40-44	720.0	358.0	362.0	94.0	46.0	48.0	626.0	312.0	314.0
45-49	599.0	301.0	298.0	73.0	36.0	37.0	526.0	265.0	261.0
50-54	492.0	250.0	242.0	57.0	27.0	30.0	435.0	223.0	212.0
55-59	405.0	208.0	197.0	45.0	21.0	24.0	360.0	187.0	173.0
60-64	327.0	170.0	157.0	36.0	16.0	20.0	291.0	154.0	137.0
65-69	257.0	135.0	122.0	27.0	12.0	15.0	230.0	123.0	107.0
70-74	190.0	101.0	89.0	20.0	9.0	11.0	170.0	92.0	78.0
75-79	128.0	69.0	59.0	13.0	6.0	7.0	115.0	63.0	52.0
80+	127.0	72.0	55.0	15.0	7.0	8.0	112.0	65.0	47.0

Table A7.1.4 Base Year Population (in thousands) by Sex and Age Group, Oromia Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	27062.4	13629.4	13433.0	3329.8	1685.5	1644.3	23732.6	11943.9	11788.7
0-4	4910.5	2491.1	2419.4	356.4	178.4	178.0	4554.1	2312.7	2241.4
5-9	4235.2	2145.9	2089.3	407.5	203.4	204.1	3827.7	1942.5	1885.2
10-14	3576.7	1808.2	1768.5	447.2	223.0	224.2	3129.5	1585.2	1544.3
15-19	3001.7	1507.4	1494.3	430.3	215.5	214.8	2571.4	1291.9	1279.5
20-24	2430.5	1199.1	1231.4	389.3	196.7	192.6	2041.2	1002.4	1038.8
25-29	1981.8	972.3	1009.5	329.9	168.4	161.5	1651.9	803.9	848.0
30-34	1555.7	765.4	790.3	249.6	130.3	119.3	1306.1	635.1	671.0
35-39	1247.7	617.6	630.1	193.1	102.0	91.1	1054.6	515.6	539.0
40-44	978.5	493.4	485.1	138.2	73.8	64.4	840.3	419.6	420.7
45-49	781.6	396.9	384.7	103.9	55.3	48.6	677.7	341.6	336.1
50-54	611.3	309.1	302.2	77.0	39.6	37.4	534.3	269.5	264.8
55-59	489.3	248.7	240.6	59.2	29.6	29.6	430.1	219.1	211.0
60-64	394.6	203.2	191.4	46.8	22.6	24.2	347.8	180.6	167.2
65-69	304.2	158.9	145.3	35.7	16.8	18.9	268.5	142.1	126.4
70-74	218.9	116.8	102.1	25.7	11.9	13.8	193.2	104.9	88.3
75-79	138.6	77.1	61.5	17.0	7.9	9.1	121.6	69.2	52.4
80+	205.6	118.3	87.3	23.0	10.3	12.7	182.6	108.0	74.6

Table A7.1.5 Base Year Population (in thousands) by Sex and Age Group, Somali Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4399.1	2489.0	1910.1	603.6	329.7	273.9	3795.5	2159.3	1636.2
0-4	530.7	289.1	241.6	73.2	39.3	33.9	457.5	249.8	207.7
5-9	582.6	329.2	253.4	79.6	43.9	35.7	503.0	285.3	217.7
10-14	617.3	357.3	260.0	84.1	47.2	36.9	533.2	310.1	223.1
15-19	564.8	325.0	239.8	77.8	43.5	34.3	487.0	281.5	205.5
20-24	458.8	255.2	203.6	65.3	35.6	29.7	393.5	219.6	173.9
25-29	374.2	201.5	172.7	54.1	28.9	25.2	320.1	172.6	147.5
30-34	278.1	138.8	139.3	40.7	20.8	19.9	237.4	118.0	119.4
35-39	222.3	108.8	113.5	32.4	16.4	16.0	189.9	92.4	97.5
40-44	184.9	94.3	90.6	25.8	13.5	12.3	159.1	80.8	78.3
45-49	147.3	78.1	69.2	20.3	10.9	9.4	127.0	67.2	59.8
50-54	109.5	63.4	46.1	15.0	8.5	6.5	94.5	54.9	39.6
55-59	81.9	50.2	31.7	11.3	6.7	4.6	70.6	43.5	27.1
60-64	57.0	37.0	20.0	8.1	4.9	3.2	48.9	32.1	16.8
65-69	39.5	26.9	12.6	5.9	3.6	2.3	33.6	23.3	10.3
70-74	25.2	17.9	7.3	4.1	2.5	1.6	21.1	15.4	5.7
75-79	14.1	10.1	4.0	2.8	1.7	1.1	11.3	8.4	2.9
80+	110.9	106.2	4.7	3.1	1.8	1.3	107.8	104.4	3.4

Table A7.1.6 Base Year Population (in thousands) by Sex and Age Group, Benshangul Gumz Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	787.2	400	387.2	106.6	54.5	52.1	680.6	345.5	335.1
0-4	133.5	68.4	65.1	13.2	6.7	6.5	120.3	61.7	58.6
5-9	118.5	60.3	58.2	13.9	6.8	7.1	104.6	53.5	51.1
10-14	103.6	52.3	51.3	14.4	6.9	7.5	89.2	45.4	43.8
15-19	89.7	44.8	44.9	13.7	6.6	7.1	76	38.2	37.8
20-24	76.1	37.3	38.8	12.6	6.2	6.4	63.5	31.1	32.4
25-29	63.2	30.9	32.3	10.7	5.4	5.3	52.5	25.5	27
30-34	49.9	24.6	25.3	8.2	4.4	3.8	41.7	20.2	21.5
35-39	39.7	19.9	19.8	6.3	3.5	2.8	33.4	16.4	17
40-44	29.9	15.5	14.4	4.3	2.5	1.8	25.6	13	12.6
45-49	23.2	12.3	10.9	3	1.8	1.2	20.2	10.5	9.7
50-54	17.2	9.3	7.9	2	1.2	0.8	15.2	8.1	7.1
55-59	13.1	7.2	5.9	1.4	0.8	0.6	11.7	6.4	5.3
60-64	9.8	5.5	4.3	1	0.6	0.4	8.8	4.9	3.9
65-69	7.2	4.1	3.1	0.7	0.4	0.3	6.5	3.7	2.8
70-74	4.9	2.9	2	0.5	0.3	0.2	4.4	2.6	1.8
75-79	3.1	1.9	1.2	0.3	0.2	0.1	2.8	1.7	1.1
80+	4.6	2.8	1.8	0.4	0.2	0.2	4.2	2.6	1.6

Table A7.1.7 Base Year Population (in thousands) by Sex and Age Group, SNNP Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	14968.6	7445.4	7523.2	1503.5	776.3	727.2	13465.1	6669.1	6796.0
0-4	2692.6	1359.5	1333.1	169.1	84.7	84.4	2523.5	1274.8	1248.7
5-9	2334.3	1174.6	1159.7	192.5	96.3	96.2	2141.8	1078.3	1063.5
10-14	1984.0	993.1	990.9	210.5	105.4	105.1	1773.5	887.7	885.8
15-19	1673.8	828.4	845.4	201.4	101.7	99.7	1472.4	726.7	745.7
20-24	1361.1	655.9	705.2	180.5	92.8	87.7	1180.6	563.1	617.5
25-29	1120.3	534.1	586.2	151.6	79.1	72.5	968.7	455.0	513.7
30-34	898.1	426.9	471.2	113.1	60.8	52.3	785.0	366.1	418.9
35-39	726.4	347.9	378.5	86.0	47.1	38.9	640.4	300.8	339.6
40-44	572.9	282.7	290.2	59.9	33.4	26.5	513.0	249.3	263.7
45-49	449.6	225.5	224.1	43.1	24.2	18.9	406.5	201.3	205.2
50-54	331.5	168.4	163.1	29.6	16.3	13.3	301.9	152.1	149.8
55-59	252.0	130.0	122.0	21.1	11.4	9.7	230.9	118.6	112.3
60-64	188.2	98.8	89.4	15.2	7.9	7.3	173.0	90.9	82.1
65-69	138.4	74.5	63.9	10.7	5.4	5.3	127.7	69.1	58.6
70-74	95.7	53.6	42.1	7.3	3.6	3.7	88.4	50.0	38.4
75-79	60.3	36.2	24.1	4.7	2.4	2.3	55.6	33.8	21.8
80+	89.4	55.3	34.1	7.2	3.8	3.4	82.2	51.5	30.7

Table A7.1.8 Base Year Population (in thousands) by Sex and Age Group, Gambella Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	308.4	160.5	147.9	78.7	41.6	37.1	229.7	118.9	110.8
0-4	46.4	24.6	21.8	9.9	5.0	4.9	36.5	19.6	16.9
5-9	43.3	22.9	20.4	10.1	5.2	4.9	33.2	17.7	15.5
10-14	40.1	21.1	19.0	10.2	5.3	4.9	29.9	15.8	14.1
15-19	36.2	18.8	17.4	9.8	5.1	4.7	26.4	13.7	12.7
20-24	32.1	16.1	16.0	9.4	4.9	4.5	22.7	11.2	11.5
25-29	27.5	13.6	13.9	8.3	4.4	3.9	19.2	9.2	10.0
30-34	22.2	10.9	11.3	6.6	3.6	3.0	15.6	7.3	8.3
35-39	17.7	8.8	8.9	5.0	2.8	2.2	12.7	6.0	6.7
40-44	13.1	6.8	6.3	3.3	1.9	1.4	9.8	4.9	4.9
45-49	9.9	5.3	4.6	2.3	1.3	1.0	7.6	4.0	3.6
50-54	6.8	3.8	3.0	1.4	0.8	0.6	5.4	3.0	2.4
55-59	4.9	2.8	2.1	0.9	0.5	0.4	4.0	2.3	1.7
60-64	3.4	2.0	1.4	0.6	0.3	0.3	2.8	1.7	1.1
65-69	2.3	1.4	0.9	0.4	0.2	0.2	1.9	1.2	0.7
70-74	1.3	0.8	0.5	0.2	0.1	0.1	1.1	0.7	0.4
75-79	0.4	0.3	0.1	0.1	0.1	0.0	0.3	0.2	0.1
80+	0.8	0.5	0.3	0.2	0.1	0.1	0.6	0.4	0.2

Table A7.1.9 Base Year Population (in thousands) by Sex and Age Group, Harari Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	183.9	92.5	91.4	99.6	49.9	49.7	84.3	42.6	41.7
0-4	25.1	12.9	12.2	8.7	4.5	4.2	16.4	8.4	8.0
5-9	23.5	11.9	11.6	10.0	5.0	5.0	13.5	6.9	6.6
10-14	22.0	11.0	11.0	11.2	5.5	5.7	10.8	5.5	5.3
15-19	20.2	10.0	10.2	11.2	5.5	5.7	9.0	4.5	4.5
20-24	18.6	9.2	9.4	11.3	5.6	5.7	7.3	3.6	3.7
25-29	16.3	8.1	8.2	10.3	5.2	5.1	6.0	2.9	3.1
30-34	13.7	7.0	6.7	8.7	4.5	4.2	5.0	2.5	2.5
35-39	11.2	5.8	5.4	7.1	3.7	3.4	4.1	2.1	2.0
40-44	8.5	4.5	4.0	5.3	2.8	2.5	3.2	1.7	1.5
45-49	6.6	3.5	3.1	4.1	2.2	1.9	2.5	1.3	1.2
50-54	4.9	2.5	2.4	3.0	1.5	1.5	1.9	1.0	0.9
55-59	3.8	1.9	1.9	2.3	1.1	1.2	1.5	0.8	0.7
60-64	3.0	1.4	1.6	1.9	0.9	1.0	1.1	0.5	0.6
65-69	2.2	1.0	1.2	1.4	0.6	0.8	0.8	0.4	0.4
70-74	1.6	0.7	0.9	1.1	0.5	0.6	0.5	0.2	0.3
75-79	1.1	0.5	0.6	0.9	0.4	0.5	0.2	0.1	0.1
80+	1.6	0.6	1.0	1.1	0.4	0.7	0.5	0.2	0.3

Table A7.1.10 Base Year Population (in thousands) by Sex and Age Group, Addis Ababa Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2735.5	1307.8	1427.7	2735.5	1307.8	1427.7	-	-	-
0-4	198.3	100.8	97.5	198.3	100.8	97.5	-	-	-
5-9	210.3	102.0	108.3	210.3	102.0	108.3	-	-	-
10-14	250.7	109.2	141.5	250.7	109.2	141.5	-	-	-
15-19	386.5	153.5	233.0	386.5	153.5	233.0	-	-	-
20-24	405.9	184.8	221.1	405.9	184.8	221.1	-	-	-
25-29	371.9	180.0	191.9	371.9	180.0	191.9	-	-	-
30-34	233.3	126.3	107.0	233.3	126.3	107.0	-	-	-
35-39	189.4	98.3	91.1	189.4	98.3	91.1	-	-	-
40-44	120.3	65.9	54.4	120.3	65.9	54.4	-	-	-
45-49	102.4	51.1	51.3	102.4	51.1	51.3	-	-	-
50-54	80.8	39.0	41.8	80.8	39.0	41.8	-	-	-
55-59	55.3	28.3	27.0	55.3	28.3	27.0	-	-	-
60-64	47.5	23.9	23.6	47.5	23.9	23.6	-	-	-
65-69	34.8	17.9	16.9	34.8	17.9	16.9	-	-	-
70-74	26.5	12.7	13.8	26.5	12.7	13.8	-	-	-
75-79	13.6	6.8	6.8	13.6	6.8	6.8	-	-	-
80+	8.0	7.3	0.7	8.0	7.3	0.7	-	-	-

Table A7.1.11 Base Year Population (in thousands) by Sex and Age Group, Dire Dawa Region: July 1, 2007

Age Group	Urban+Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	343.1	172.1	171.0	234.0	116.7	117.3	109.1	55.4	53.7
0-4	43.1	22.1	21.0	21.6	11.2	10.4	21.5	10.9	10.6
5-9	42.3	21.4	20.9	24.8	12.5	12.3	17.5	8.9	8.6
10-14	41.2	20.6	20.6	27.4	13.5	13.9	13.8	7.1	6.7
15-19	38.8	19.2	19.6	27.5	13.5	14.0	11.3	5.7	5.6
20-24	36.2	17.7	18.5	27.0	13.2	13.8	9.2	4.5	4.7
25-29	31.8	15.6	16.2	24.2	11.9	12.3	7.6	3.7	3.9
30-34	26.4	13.2	13.2	20.0	10.0	10.0	6.4	3.2	3.2
35-39	21.5	10.9	10.6	16.3	8.3	8.0	5.2	2.6	2.6
40-44	16.2	8.4	7.8	12.0	6.2	5.8	4.2	2.2	2.0
45-49	12.4	6.5	5.9	9.2	4.8	4.4	3.2	1.7	1.5
50-54	9.2	4.8	4.4	6.8	3.5	3.3	2.4	1.3	1.1
55-59	7.1	3.6	3.5	5.1	2.6	2.5	2.0	1.0	1.0
60-64	5.4	2.7	2.7	3.9	1.9	2.0	1.5	0.8	0.7
65-69	4.1	2.0	2.1	2.9	1.4	1.5	1.2	0.6	0.6
70-74	2.9	1.4	1.5	2.0	0.9	1.1	0.9	0.5	0.4
75-79	1.8	0.8	1.0	1.3	0.5	0.8	0.5	0.3	0.2
80+	2.7	1.2	1.5	2.0	0.8	1.2	0.7	0.4	0.3

Table A7.2 Mortality Inputs Used for the Projection, All Regions :2008-2037

Region	Life Expectancy	Period					
	(Eo)	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Tigray	Male	54.0	56.5	59.5	61.8	63.9	65.7
	Female	58.0	60.5	63.5	65.9	68.1	70.1
Affar	Male	58.0	60.9	63.1	65.1	66.6	68.0
	Female	59.0	62.0	64.5	66.8	68.9	70.7
Amhara	Male	52.0	55.0	57.5	60.0	62.3	64.3
	Female	58.0	61.0	63.5	65.9	68.1	70.1
Oromiya	Male	55.0	57.5	60.0	62.5	64.8	66.8
	Female	59.0	62.0	64.5	66.8	68.9	70.7
Somali	Male	55.0	58.0	60.5	62.7	64.7	66.2
	Female	60.0	63.0	65.5	67.7	69.7	71.2
Benishangul-Gumuz	Male	53.0	56.0	58.5	60.9	63.1	65.0
	Female	57.0	60.0	62.5	65.0	67.3	69.4
SNNP	Male	53.0	56.0	58.5	60.9	63.1	65.1
	Female	58.0	61.0	63.5	65.9	68.1	70.1
Gambella	Male	53.0	56.0	58.5	60.9	63.1	65.0
	Female	59.0	62.0	64.5	66.9	69.0	70.8
Harari	Male	61.0	63.6	65.4	66.9	68.2	69.4
	Female	62.0	65.0	67.3	69.3	70.9	72.4
Addis Ababa	Male	57.0	60.0	62.3	64.3	65.9	67.4
	Female	63.0	65.9	68.1	70.0	71.5	72.9
Dire dawa	Male	57.0	59.6	61.4	62.9	64.2	65.4
	Female	59.0	62.0	64.3	66.3	67.9	69.4
Total Country	Male	54.0	56.5	59.5	61.8	63.9	65.7
	Female	58.0	60.5	63.5	65.9	68.1	70.1

**Table A 7.3.1 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Country Total (in Thousands)									
2008	75,719	38,215	37,504	12,716	6,353	6,363	63,003	31,862	31,141
2009	77,651	39,155	38,496	13,318	6,649	6,669	64,333	32,506	31,827
2010	79,634	40,123	39,511	13,931	6,950	6,981	65,704	33,173	32,530
2011	81,668	41,119	40,549	14,588	7,274	7,315	67,080	33,845	33,235
2012	83,742	42,135	41,606	15,246	7,598	7,648	68,495	34,537	33,958
2013	85,838	43,164	42,673	15,979	7,960	8,019	69,859	35,205	34,654
2014	87,952	44,204	43,748	16,734	8,332	8,402	71,218	35,872	35,346
2015	90,074	45,250	44,825	17,521	8,721	8,800	72,553	36,528	36,025
2016	92,205	46,303	45,902	18,327	9,120	9,207	73,878	37,183	36,695
2017	94,352	47,365	46,987	19,164	9,535	9,630	75,188	37,830	37,357
2018	96,503	48,430	48,073	20,057	9,977	10,080	76,447	38,453	37,994
2019	98,665	49,500	49,164	20,965	10,427	10,538	77,700	39,074	38,626
2020	100,829	50,573	50,256	21,913	10,897	11,016	78,916	39,676	39,240
2021	102,998	51,648	51,350	22,877	11,375	11,502	80,121	40,274	39,848
2022	105,166	52,724	52,442	23,880	11,873	12,007	81,287	40,852	40,435
2023	107,331	53,798	53,532	24,901	12,379	12,522	82,430	41,419	41,011
2024	109,496	54,873	54,623	25,960	12,904	13,056	83,536	41,969	41,568
2025	111,653	55,943	55,710	27,051	13,446	13,606	84,601	42,497	42,104
2026	113,806	57,012	56,794	28,170	14,001	14,170	85,635	43,011	42,624
2027	115,946	58,074	57,872	29,311	14,566	14,745	86,635	43,508	43,127
2028	118,080	59,133	58,947	30,484	15,148	15,336	87,596	43,986	43,610
2029	120,203	60,187	60,016	31,687	15,744	15,942	88,516	44,443	44,073
2030	122,317	61,237	61,081	32,919	16,355	16,563	89,398	44,881	44,517
2031	124,424	62,282	62,142	34,187	16,984	17,202	90,238	45,298	44,940
2032	126,514	63,319	63,195	35,488	17,629	17,858	91,026	45,689	45,337
2033	128,598	64,353	64,245	36,809	18,285	18,524	91,790	46,069	45,721
2034	130,674	65,383	65,290	38,163	18,956	19,206	92,511	46,427	46,084
2035	132,738	66,408	66,330	39,514	19,627	19,887	93,224	46,782	46,443
2036	134,795	67,429	67,365	40,948	20,338	20,610	93,846	47,091	46,756
2037	136,792	68,420	68,372	42,388	21,052	21,336	94,404	47,367	47,036

**Table A7.3.2 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Low Variant: 2008-2037**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Country Total (in Thousands)									
2008	75,623	38,167	37,457	12,950	6,468	6,481	62,674	31,698	30,975
2009	77,431	39,044	38,387	13,596	6,786	6,810	63,835	32,258	31,577
2010	79,266	39,937	39,328	14,235	7,099	7,135	65,031	32,838	32,193
2011	81,116	40,841	40,275	14,934	7,444	7,490	66,182	33,397	32,785
2012	82,974	41,749	41,225	15,606	7,774	7,832	67,368	33,974	33,393
2013	84,839	42,662	42,176	16,329	8,131	8,198	68,510	34,532	33,978
2014	86,707	43,579	43,128	17,065	8,494	8,571	69,642	35,085	34,557
2015	88,575	44,497	44,078	17,829	8,871	8,958	70,746	35,626	35,120
2016	90,445	45,420	45,025	18,601	9,252	9,349	71,844	36,167	35,677
2017	92,309	46,340	45,969	19,405	9,650	9,755	72,904	36,690	36,214
2018	94,165	47,257	46,908	20,230	10,059	10,172	73,935	37,198	36,737
2019	96,012	48,169	47,842	21,048	10,464	10,585	74,963	37,706	37,257
2020	97,849	49,077	48,772	21,909	10,890	11,019	75,940	38,187	37,753
2021	99,676	49,980	49,695	22,759	11,311	11,448	76,917	38,669	38,247
2022	101,490	50,878	50,612	23,653	11,754	11,899	77,837	39,124	38,714
2023	103,293	51,770	51,524	24,473	12,160	12,313	78,820	39,609	39,211
2024	105,088	52,657	52,431	25,323	12,581	12,742	79,765	40,076	39,689
2025	106,871	53,539	53,332	26,191	13,011	13,181	80,680	40,528	40,152
2026	108,645	54,415	54,229	27,065	13,443	13,623	81,579	40,972	40,607
2027	110,405	55,285	55,120	27,932	13,872	14,061	82,473	41,414	41,059
2028	112,160	56,153	56,007	28,814	14,308	14,506	83,346	41,845	41,501
2029	113,903	57,014	56,889	29,704	14,748	14,956	84,199	42,266	41,933
2030	115,636	57,870	57,765	30,600	15,192	15,409	85,035	42,679	42,357
2031	117,360	58,722	58,638	31,518	15,646	15,872	85,842	43,076	42,766
2032	119,074	59,569	59,505	32,442	16,103	16,339	86,633	43,466	43,166
2033	120,783	60,412	60,370	33,357	16,556	16,802	87,425	43,857	43,569
2034	122,476	61,248	61,227	34,281	17,013	17,269	88,194	44,236	43,959
2035	124,158	62,079	62,079	35,141	17,437	17,704	89,017	44,642	44,375
2036	125,832	62,906	62,926	36,117	17,920	18,197	89,715	44,986	44,729
2037	127,460	63,709	63,751	37,068	18,390	18,678	90,392	45,319	45,073

**Table A7.3.3 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, High Variant: 2008-2037**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Country Total (in Thousands)									
2008	75,762	38,238	37,525	12,481	6,235	6,247	63,281	32,003	31,278
2009	77,744	39,203	38,541	13,040	6,508	6,531	64,704	32,695	32,009
2010	79,788	40,203	39,585	13,627	6,797	6,830	66,161	33,407	32,755
2011	81,888	41,233	40,655	14,243	7,100	7,143	67,646	34,134	33,512
2012	84,040	42,291	41,749	14,887	7,417	7,470	69,153	34,874	34,279
2013	86,222	43,366	42,857	15,629	7,784	7,846	70,593	35,582	35,011
2014	88,434	44,457	43,977	16,403	8,166	8,237	72,031	36,291	35,740
2015	90,668	45,561	45,108	17,213	8,567	8,646	73,455	36,994	36,461
2016	92,931	46,683	46,248	18,054	8,983	9,070	74,877	37,699	37,178
2017	95,223	47,820	47,403	18,924	9,415	9,509	76,299	38,406	37,893
2018	97,540	48,971	48,569	19,883	9,891	9,992	77,657	39,081	38,576
2019	99,880	50,134	49,746	20,881	10,386	10,495	78,999	39,748	39,250
2020	102,235	51,305	50,930	21,918	10,901	11,017	80,317	40,404	39,913
2021	104,606	52,485	52,121	22,994	11,436	11,559	81,612	41,049	40,563
2022	106,983	53,668	53,315	24,107	11,989	12,118	82,876	41,679	41,197
2023	109,372	54,857	54,515	25,329	12,596	12,733	84,043	42,261	41,782
2024	111,768	56,050	55,718	26,597	13,226	13,371	85,171	42,824	42,347
2025	114,166	57,244	56,922	27,912	13,879	14,032	86,254	43,365	42,890
2026	116,567	58,439	58,128	29,275	14,556	14,719	87,291	43,883	43,409
2027	118,959	59,630	59,329	30,691	15,259	15,431	88,268	44,370	43,898
2028	121,349	60,820	60,530	32,154	15,986	16,168	89,195	44,833	44,362
2029	123,739	62,009	61,730	33,670	16,739	16,931	90,070	45,270	44,799
2030	126,125	63,197	62,928	35,237	17,518	17,720	90,888	45,680	45,209
2031	128,504	64,381	64,123	36,855	18,322	18,534	91,649	46,059	45,589
2032	130,875	65,561	65,315	38,533	19,155	19,378	92,342	46,406	45,937
2033	133,240	66,737	66,503	40,260	20,012	20,247	92,980	46,725	46,256
2034	135,600	67,911	67,689	42,044	20,898	21,145	93,556	47,013	46,543
2035	137,953	69,082	68,871	43,887	21,813	22,074	94,067	47,269	46,798
2036	140,300	70,250	70,050	45,779	22,753	23,027	94,520	47,497	47,023
2037	142,577	71,383	71,195	47,708	23,710	23,998	94,869	47,672	47,197

**Table A7.4.1 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year,; Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Tigray (in Thousands)									
2008	4,413	2,173	2,240	888	437	451	3,525	1,736	1,789
2009	4,501	2,216	2,284	933	459	473	3,568	1,757	1,811
2010	4,590	2,260	2,329	980	483	497	3,610	1,778	1,832
2011	4,681	2,305	2,375	1,029	507	522	3,652	1,798	1,853
2012	4,773	2,351	2,422	1,080	532	548	3,693	1,819	1,874
2013	4,866	2,397	2,469	1,139	561	578	3,727	1,836	1,891
2014	4,960	2,444	2,516	1,200	591	609	3,760	1,853	1,907
2015	5,055	2,492	2,564	1,264	623	641	3,792	1,869	1,923
2016	5,151	2,540	2,612	1,331	656	675	3,821	1,884	1,937
2017	5,248	2,588	2,660	1,400	690	710	3,848	1,897	1,950
2018	5,345	2,637	2,709	1,472	726	746	3,873	1,911	1,963
2019	5,443	2,686	2,757	1,547	763	784	3,896	1,923	1,974
2020	5,542	2,735	2,806	1,625	802	823	3,917	1,933	1,984
2021	5,641	2,785	2,856	1,706	842	864	3,935	1,943	1,992
2022	5,739	2,834	2,905	1,789	883	905	3,951	1,951	2,000
2023	5,838	2,884	2,954	1,875	926	949	3,963	1,958	2,005
2024	5,937	2,934	3,003	1,964	970	993	3,973	1,963	2,010
2025	6,035	2,983	3,052	2,055	1,016	1,039	3,980	1,967	2,013
2026	6,133	3,032	3,100	2,149	1,063	1,087	3,984	1,970	2,014
2027	6,231	3,082	3,149	2,246	1,111	1,135	3,985	1,971	2,014
2028	6,327	3,130	3,197	2,345	1,160	1,185	3,982	1,970	2,012
2029	6,424	3,179	3,245	2,447	1,211	1,236	3,977	1,968	2,009
2030	6,519	3,227	3,292	2,550	1,263	1,288	3,969	1,964	2,004
2031	6,614	3,275	3,339	2,657	1,315	1,341	3,957	1,959	1,998
2032	6,708	3,322	3,385	2,765	1,369	1,395	3,943	1,953	1,990
2033	6,800	3,369	3,431	2,875	1,424	1,451	3,925	1,944	1,981
2034	6,892	3,415	3,477	2,987	1,480	1,507	3,904	1,935	1,970
2035	6,982	3,460	3,522	3,102	1,537	1,564	3,880	1,923	1,957
2036	7,071	3,505	3,566	3,217	1,595	1,622	3,853	1,910	1,943
2037	7,157	3,549	3,608	3,334	1,653	1,681	3,823	1,896	1,927

Table A7.4.2 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex, in Single Year, Medium Variant: 2008-2037 (Continued)

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Afar (in Thousands)									
2008	1,419	790	630	198	110	88	1,222	680	542
2009	1,462	812	650	211	117	94	1,251	695	556
2010	1,504	834	670	226	125	101	1,278	709	570
2011	1,546	856	691	240	133	107	1,306	723	583
2012	1,590	878	712	256	141	115	1,334	737	597
2013	1,634	900	734	272	150	122	1,362	750	612
2014	1,678	923	756	290	159	130	1,389	764	625
2015	1,723	946	777	308	169	139	1,415	777	638
2016	1,768	969	799	326	179	148	1,441	790	651
2017	1,813	992	821	346	189	157	1,466	802	664
2018	1,857	1,015	842	366	200	166	1,491	815	676
2019	1,902	1,038	864	387	211	176	1,514	826	688
2020	1,946	1,060	885	409	223	186	1,537	838	700
2021	1,990	1,083	907	431	235	197	1,558	848	710
2022	2,033	1,105	928	455	247	208	1,578	858	720
2023	2,076	1,127	949	479	260	219	1,598	867	730
2024	2,119	1,149	970	504	273	231	1,616	876	740
2025	2,162	1,171	992	529	286	242	1,633	884	749
2026	2,204	1,192	1,013	555	300	255	1,649	891	757
2027	2,246	1,213	1,034	582	314	268	1,664	899	766
2028	2,288	1,234	1,055	610	329	281	1,678	905	773
2029	2,330	1,254	1,075	638	344	295	1,691	911	781
2030	2,371	1,275	1,096	668	359	309	1,703	916	787
2031	2,413	1,296	1,116	699	376	323	1,713	921	793
2032	2,454	1,317	1,137	729	392	338	1,724	925	799
2033	2,494	1,338	1,157	762	409	353	1,732	929	803
2034	2,535	1,358	1,177	794	425	369	1,741	933	808
2035	2,576	1,379	1,197	828	443	385	1,748	936	812
2036	2,616	1,400	1,217	862	461	401	1,755	939	816
2037	2,656	1,420	1,236	897	479	418	1,759	940	819

**Table A7.4.3 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Amhara (in Thousands)									
2008	17,625	8,840	8,785	2,237	1,122	1,115	15,388	7,718	7,670
2009	18,007	9,029	8,978	2,369	1,188	1,181	15,639	7,841	7,797
2010	18,402	9,224	9,178	2,498	1,252	1,246	15,904	7,972	7,932
2011	18,808	9,425	9,383	2,642	1,324	1,318	16,166	8,101	8,065
2012	19,221	9,630	9,591	2,783	1,394	1,389	16,438	8,235	8,202
2013	19,626	9,831	9,795	2,953	1,479	1,474	16,674	8,352	8,321
2014	20,020	10,027	9,993	3,127	1,566	1,561	16,893	8,461	8,432
2015	20,400	10,216	10,185	3,307	1,656	1,651	17,094	8,560	8,534
2016	20,771	10,402	10,368	3,491	1,749	1,743	17,279	8,654	8,625
2017	21,137	10,587	10,550	3,682	1,844	1,838	17,455	8,743	8,712
2018	21,492	10,766	10,726	3,888	1,947	1,940	17,604	8,818	8,786
2019	21,844	10,943	10,901	4,090	2,049	2,041	17,754	8,894	8,860
2020	22,192	11,118	11,074	4,309	2,159	2,150	17,882	8,959	8,923
2021	22,537	11,292	11,245	4,525	2,267	2,258	18,012	9,024	8,987
2022	22,877	11,463	11,414	4,758	2,384	2,374	18,119	9,079	9,040
2023	23,215	11,634	11,582	4,975	2,493	2,482	18,241	9,141	9,100
2024	23,549	11,802	11,747	5,198	2,605	2,593	18,351	9,197	9,154
2025	23,879	11,968	11,911	5,439	2,726	2,713	18,440	9,242	9,198
2026	24,207	12,133	12,074	5,676	2,845	2,831	18,531	9,288	9,243
2027	24,531	12,297	12,235	5,919	2,967	2,952	18,612	9,330	9,283
2028	24,852	12,458	12,394	6,168	3,092	3,076	18,684	9,366	9,318
2029	25,168	12,618	12,551	6,436	3,227	3,210	18,732	9,391	9,341
2030	25,482	12,775	12,707	6,697	3,358	3,340	18,785	9,418	9,367
2031	25,794	12,932	12,863	6,979	3,499	3,480	18,815	9,433	9,382
2032	26,103	13,086	13,017	7,255	3,637	3,618	18,848	9,449	9,399
2033	26,409	13,240	13,170	7,536	3,778	3,758	18,873	9,461	9,412
2034	26,715	13,393	13,323	7,825	3,923	3,902	18,890	9,470	9,420
2035	27,018	13,544	13,474	8,106	4,063	4,042	18,912	9,481	9,431
2036	27,318	13,695	13,624	8,406	4,214	4,192	18,912	9,481	9,432
2037	27,610	13,841	13,769	8,711	4,367	4,344	18,899	9,474	9,425

Table A7.4.4 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex, in Single Year, Medium Variant: 2008-2037 (Continued)

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Oromia (in Thousands)									
2008	27,829	14,007	13,822	3,511	1,767	1,744	24,319	12,240	12,079
2009	28,618	14,396	14,222	3,685	1,854	1,831	24,934	12,543	12,391
2010	29,427	14,796	14,631	3,852	1,937	1,915	25,575	12,859	12,716
2011	30,253	15,204	15,049	4,040	2,031	2,010	26,213	13,174	13,039
2012	31,094	15,620	15,474	4,221	2,120	2,101	26,873	13,500	13,373
2013	31,948	16,043	15,906	4,438	2,228	2,209	27,511	13,814	13,696
2014	32,816	16,473	16,343	4,647	2,333	2,314	28,169	14,140	14,029
2015	33,692	16,907	16,785	4,880	2,449	2,431	28,812	14,458	14,354
2016	34,575	17,345	17,230	5,105	2,561	2,544	29,470	14,784	14,686
2017	35,467	17,788	17,679	5,354	2,685	2,669	30,113	15,103	15,010
2018	36,364	18,234	18,130	5,638	2,827	2,811	30,726	15,407	15,319
2019	37,267	18,683	18,584	5,933	2,974	2,959	31,334	15,708	15,626
2020	38,170	19,131	19,039	6,239	3,127	3,112	31,931	16,004	15,927
2021	39,075	19,582	19,493	6,555	3,285	3,270	32,520	16,297	16,223
2022	39,981	20,033	19,948	6,881	3,448	3,433	33,100	16,585	16,515
2023	40,884	20,482	20,402	7,232	3,623	3,609	33,652	16,859	16,793
2024	41,790	20,934	20,856	7,595	3,805	3,791	34,195	17,129	17,065
2025	42,690	21,382	21,308	7,972	3,993	3,979	34,718	17,389	17,328
2026	43,589	21,831	21,758	8,363	4,188	4,174	35,226	17,643	17,584
2027	44,481	22,276	22,205	8,767	4,391	4,377	35,714	17,885	17,828
2028	45,371	22,720	22,651	9,185	4,600	4,586	36,186	18,121	18,065
2029	46,257	23,163	23,094	9,617	4,816	4,801	36,640	18,347	18,293
2030	47,139	23,603	23,536	10,064	5,039	5,025	37,075	18,564	18,511
2031	48,016	24,041	23,976	10,525	5,270	5,255	37,491	18,771	18,720
2032	48,884	24,474	24,410	11,002	5,508	5,494	37,883	18,966	18,917
2033	49,749	24,907	24,843	11,490	5,752	5,737	38,260	19,154	19,105
2034	50,608	25,336	25,272	11,994	6,005	5,990	38,614	19,331	19,283
2035	51,460	25,762	25,698	12,489	6,252	6,237	38,970	19,509	19,461
2036	52,306	26,185	26,121	13,022	6,519	6,503	39,284	19,666	19,618
2037	53,121	26,592	26,529	13,562	6,789	6,773	39,559	19,803	19,756

**Table A7.4.5 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Somali (in Thousands)									
2008	4,515	2,535	1,979	633	356	278	3,882	2,180	1,702
2009	4,635	2,586	2,050	654	365	289	3,982	2,221	1,761
2010	4,761	2,640	2,121	673	373	300	4,088	2,267	1,821
2011	4,892	2,698	2,194	695	383	312	4,197	2,314	1,882
2012	5,027	2,758	2,268	716	393	323	4,311	2,365	1,945
2013	5,165	2,822	2,344	738	403	335	4,427	2,418	2,009
2014	5,307	2,887	2,420	764	415	348	4,544	2,472	2,072
2015	5,452	2,955	2,498	787	427	361	4,665	2,528	2,137
2016	5,599	3,024	2,576	814	439	374	4,785	2,584	2,201
2017	5,748	3,094	2,655	838	451	387	4,910	2,643	2,268
2018	5,899	3,165	2,734	867	465	402	5,032	2,700	2,332
2019	6,051	3,237	2,814	893	478	415	5,158	2,760	2,398
2020	6,203	3,310	2,893	922	492	430	5,280	2,818	2,463
2021	6,355	3,382	2,973	949	505	444	5,406	2,877	2,529
2022	6,506	3,455	3,052	979	520	459	5,527	2,935	2,592
2023	6,657	3,527	3,130	1,011	535	475	5,647	2,992	2,655
2024	6,808	3,599	3,209	1,039	549	490	5,769	3,050	2,719
2025	6,958	3,671	3,286	1,071	565	506	5,886	3,106	2,780
2026	7,106	3,743	3,364	1,100	579	521	6,006	3,163	2,843
2027	7,254	3,814	3,440	1,133	595	537	6,121	3,218	2,903
2028	7,401	3,884	3,517	1,167	613	555	6,234	3,272	2,962
2029	7,549	3,956	3,593	1,202	630	572	6,347	3,326	3,021
2030	7,697	4,027	3,670	1,234	645	588	6,464	3,382	3,082
2031	7,846	4,099	3,747	1,269	663	606	6,576	3,436	3,141
2032	7,995	4,171	3,824	1,306	681	625	6,688	3,489	3,199
2033	8,145	4,243	3,902	1,345	701	644	6,800	3,543	3,257
2034	8,298	4,317	3,981	1,385	721	664	6,913	3,597	3,316
2035	8,454	4,393	4,061	1,426	741	685	7,028	3,652	3,376
2036	8,612	4,470	4,142	1,468	762	706	7,144	3,708	3,436
2037	8,769	4,546	4,223	1,511	783	728	7,258	3,763	3,496

**Table A7.4.6 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Benshangul Gumz (in Thousands)									
2008	812	413	400	124	63	61	689	350	339
2009	838	426	412	133	68	66	705	358	347
2010	864	439	425	143	73	70	721	366	355
2011	890	452	438	154	78	76	737	374	362
2012	918	466	452	165	84	81	753	382	371
2013	947	480	467	177	90	87	770	391	379
2014	976	495	481	189	96	93	787	399	388
2015	1,005	509	496	202	102	100	803	407	396
2016	1,035	525	510	216	109	106	819	415	404
2017	1,065	540	525	230	117	113	835	423	412
2018	1,096	556	540	244	124	120	852	432	420
2019	1,126	571	555	258	131	127	868	440	428
2020	1,157	587	570	273	139	135	884	448	436
2021	1,188	603	585	289	147	142	899	456	443
2022	1,219	618	601	305	155	150	914	463	450
2023	1,250	634	616	322	164	159	928	471	457
2024	1,282	650	632	340	173	168	942	478	464
2025	1,314	667	648	359	182	177	955	485	471
2026	1,347	683	663	378	192	186	968	491	477
2027	1,380	700	680	398	202	196	981	498	483
2028	1,412	717	696	419	213	207	993	504	489
2029	1,445	733	712	441	224	217	1,004	509	495
2030	1,477	750	728	463	235	228	1,014	515	500
2031	1,510	766	744	486	247	239	1,024	520	504
2032	1,542	783	759	510	259	251	1,032	524	508
2033	1,575	799	775	534	271	263	1,041	528	512
2034	1,607	816	792	559	284	275	1,048	532	516
2035	1,640	833	808	585	297	288	1,055	536	520
2036	1,674	849	824	612	311	302	1,062	539	523
2037	1,707	866	841	640	325	315	1,067	542	526

**Table A7.4.7 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
SNNP (in Thousands)									
2008	15,349	7,630	7,720	1,889	939	950	13,461	6,691	6,770
2009	15,742	7,820	7,922	2,010	999	1,012	13,732	6,822	6,910
2010	16,145	8,016	8,129	2,146	1,065	1,080	14,000	6,951	7,048
2011	16,558	8,218	8,340	2,280	1,132	1,148	14,278	7,086	7,192
2012	16,977	8,423	8,554	2,419	1,200	1,219	14,558	7,223	7,335
2013	17,403	8,631	8,771	2,556	1,268	1,288	14,847	7,364	7,483
2014	17,836	8,844	8,992	2,707	1,342	1,365	15,130	7,502	7,628
2015	18,276	9,060	9,216	2,856	1,416	1,440	15,420	7,644	7,776
2016	18,720	9,278	9,442	3,019	1,496	1,522	15,702	7,782	7,919
2017	19,171	9,500	9,671	3,178	1,575	1,603	15,992	7,925	8,067
2018	19,626	9,724	9,902	3,334	1,652	1,682	16,292	8,072	8,220
2019	20,087	9,951	10,135	3,497	1,732	1,765	16,590	8,219	8,371
2020	20,552	10,181	10,371	3,664	1,815	1,849	16,887	8,365	8,522
2021	21,021	10,412	10,609	3,838	1,901	1,937	17,183	8,511	8,672
2022	21,493	10,645	10,848	4,018	1,990	2,028	17,475	8,655	8,820
2023	21,966	10,879	11,087	4,202	2,081	2,121	17,764	8,798	8,966
2024	22,444	11,115	11,329	4,404	2,181	2,223	18,039	8,934	9,106
2025	22,922	11,351	11,571	4,602	2,279	2,323	18,321	9,073	9,248
2026	23,402	11,589	11,814	4,816	2,385	2,431	18,586	9,204	9,383
2027	23,882	11,826	12,056	5,026	2,489	2,537	18,856	9,337	9,519
2028	24,362	12,063	12,299	5,240	2,595	2,645	19,122	9,469	9,654
2029	24,841	12,300	12,541	5,449	2,698	2,751	19,392	9,602	9,790
2030	25,318	12,536	12,782	5,675	2,810	2,865	19,643	9,726	9,917
2031	25,794	12,771	13,023	5,893	2,918	2,975	19,902	9,854	10,048
2032	26,267	13,005	13,262	6,130	3,035	3,095	20,136	9,970	10,167
2033	26,739	13,238	13,500	6,360	3,149	3,211	20,379	10,090	10,289
2034	27,205	13,469	13,736	6,593	3,264	3,329	20,612	10,205	10,407
2035	27,667	13,698	13,969	6,832	3,383	3,450	20,835	10,315	10,520
2036	28,125	13,925	14,201	7,090	3,510	3,580	21,035	10,414	10,621
2037	28,567	14,143	14,424	7,334	3,631	3,703	21,233	10,512	10,721

**Table A7.4.8 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Gambella (in Thousands)									
2008	320	167	154	84	44	40	236	123	113
2009	333	173	159	90	47	43	243	126	116
2010	345	180	165	96	50	46	249	129	119
2011	357	186	171	103	54	49	254	133	122
2012	370	193	177	110	57	53	260	135	125
2013	383	200	183	117	61	56	266	139	127
2014	396	206	189	124	65	59	272	141	130
2015	409	213	196	132	69	63	277	144	133
2016	422	220	202	140	73	67	282	147	135
2017	435	227	208	148	77	71	287	150	138
2018	449	234	215	156	82	75	292	152	140
2019	463	241	222	165	86	79	298	155	143
2020	478	249	229	175	91	84	303	158	145
2021	493	257	236	185	96	88	308	160	148
2022	509	265	244	195	102	93	313	163	150
2023	524	273	251	206	107	99	319	166	153
2024	540	281	259	217	113	104	323	168	155
2025	556	290	267	228	119	109	328	170	157
2026	572	298	274	240	125	115	332	173	159
2027	588	306	282	252	131	121	336	175	161
2028	604	314	290	265	138	127	339	176	163
2029	620	323	298	278	145	133	343	178	165
2030	637	331	306	291	151	139	346	180	166
2031	653	339	313	304	158	146	349	181	168
2032	669	348	321	318	165	152	351	182	169
2033	685	356	329	332	173	159	353	183	170
2034	702	365	337	346	180	166	355	184	171
2035	719	374	345	361	188	173	357	186	172
2036	736	383	353	377	196	180	359	187	173
2037	753	392	361	392	205	188	361	188	173

**Table A 7.4.9 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Harari (in Thousands)									
2008	190	96	94	103	52	51	87	44	43
2009	196	99	97	106	54	53	89	45	44
2010	202	102	100	110	55	55	92	46	45
2011	208	105	103	114	57	56	94	47	47
2012	214	108	106	117	59	58	97	49	48
2013	220	111	109	121	61	60	99	50	49
2014	226	114	112	125	63	62	101	51	50
2015	232	117	115	128	65	64	104	52	51
2016	238	120	118	132	67	66	106	54	53
2017	245	124	121	136	69	68	108	55	54
2018	251	127	124	140	71	70	111	56	55
2019	257	130	127	145	73	72	113	57	56
2020	264	133	131	149	75	74	115	58	57
2021	270	136	134	153	77	76	117	59	58
2022	276	140	137	157	79	78	119	60	59
2023	283	143	140	162	82	80	121	61	60
2024	289	146	143	166	84	82	123	62	61
2025	296	149	146	171	86	85	125	63	62
2026	302	152	150	175	89	87	127	64	63
2027	309	156	153	180	91	89	128	65	64
2028	315	159	156	185	93	91	130	66	65
2029	321	162	159	189	96	94	132	67	65
2030	328	165	162	194	98	96	134	67	66
2031	334	168	166	199	100	99	135	68	67
2032	340	172	169	204	103	101	137	69	68
2033	346	175	172	208	105	103	138	70	68
2034	353	178	175	213	108	106	139	70	69
2035	359	181	178	218	110	108	141	71	70
2036	365	184	181	223	112	111	142	72	70
2037	371	187	184	228	115	113	143	72	71

**Table A7.4.10 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Addis Ababa (in Thousands)									
2008	2,792	1,333	1,459	2,792	1,333	1,459	-	-	-
2009	2,851	1,359	1,492	2,851	1,359	1,492	-	-	-
2010	2,912	1,386	1,526	2,912	1,386	1,526	-	-	-
2011	2,977	1,415	1,562	2,977	1,415	1,562	-	-	-
2012	3,046	1,447	1,599	3,046	1,447	1,599	-	-	-
2013	3,119	1,480	1,639	3,119	1,480	1,639	-	-	-
2014	3,194	1,515	1,679	3,194	1,515	1,679	-	-	-
2015	3,272	1,551	1,722	3,272	1,551	1,722	-	-	-
2016	3,353	1,588	1,765	3,353	1,588	1,765	-	-	-
2017	3,435	1,625	1,810	3,435	1,625	1,810	-	-	-
2018	3,519	1,664	1,855	3,519	1,664	1,855	-	-	-
2019	3,604	1,703	1,900	3,604	1,703	1,900	-	-	-
2020	3,689	1,743	1,946	3,689	1,743	1,946	-	-	-
2021	3,774	1,782	1,992	3,774	1,782	1,992	-	-	-
2022	3,860	1,822	2,038	3,860	1,822	2,038	-	-	-
2023	3,945	1,861	2,084	3,945	1,861	2,084	-	-	-
2024	4,030	1,900	2,130	4,030	1,900	2,130	-	-	-
2025	4,114	1,939	2,175	4,114	1,939	2,175	-	-	-
2026	4,198	1,977	2,221	4,198	1,977	2,221	-	-	-
2027	4,281	2,015	2,266	4,281	2,015	2,266	-	-	-
2028	4,364	2,053	2,311	4,364	2,053	2,311	-	-	-
2029	4,447	2,091	2,356	4,447	2,091	2,356	-	-	-
2030	4,530	2,128	2,402	4,530	2,128	2,402	-	-	-
2031	4,613	2,166	2,447	4,613	2,166	2,447	-	-	-
2032	4,697	2,204	2,492	4,697	2,204	2,492	-	-	-
2033	4,781	2,242	2,539	4,781	2,242	2,539	-	-	-
2034	4,866	2,281	2,585	4,866	2,281	2,585	-	-	-
2035	4,953	2,320	2,633	4,953	2,320	2,633	-	-	-
2036	5,041	2,359	2,682	5,041	2,359	2,682	-	-	-
2037	5,132	2,400	2,732	5,132	2,400	2,732	-	-	-

**Table A7.4.11 Projected Total, Urban and Rural Population Size (in thousands) by Region and Sex,
in Single Year, Medium Variant: 2008-2037 (Continued)**

Year	Urban + Rural			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Dire Dawa (in Thousands)									
2008	355	178	177	219	110	109	136	68	68
2009	366	184	182	227	114	113	139	70	69
2010	378	190	188	235	118	117	143	72	71
2011	390	196	194	243	122	121	147	74	73
2012	402	202	200	252	126	125	150	75	75
2013	414	208	206	260	130	129	155	78	77
2014	427	214	213	268	134	134	159	80	79
2015	440	221	219	276	139	138	163	82	81
2016	453	227	225	285	143	142	168	84	84
2017	466	234	232	293	147	146	172	86	86
2018	479	240	239	303	152	151	176	88	88
2019	493	247	245	313	157	156	180	90	90
2020	507	255	252	323	162	160	184	92	92
2021	521	262	259	333	168	165	188	95	93
2022	536	270	266	344	173	170	192	97	95
2023	551	278	273	355	179	176	196	99	97
2024	566	286	280	366	185	181	200	101	99
2025	581	294	288	378	191	187	203	103	101
2026	597	301	296	390	197	193	207	105	103
2027	613	309	304	402	203	199	211	106	104
2028	629	317	312	414	209	205	214	108	106
2029	644	325	320	427	215	212	218	110	108
2030	660	333	327	439	222	218	221	111	110
2031	676	341	335	452	228	224	224	113	111
2032	692	348	343	465	234	231	227	114	113
2033	707	356	351	478	241	237	229	116	114
2034	723	364	359	492	248	244	232	117	115
2035	739	373	367	505	255	251	234	118	116
2036	755	381	375	519	262	257	236	119	117
2037	772	389	382	533	269	264	238	120	118

Table A7.5.1 Projected Population Size of Ethiopia by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	75,718,957	38,215,078	37,503,879	12,715,619	6,353,118	6,362,501	63,003,338	31,861,960	31,141,378
0-4	12,042,773	6,119,968	5,922,810	1,227,818	624,960	602,861	10,831,171	5,502,834	5,328,341
5-9	10,989,649	5,589,299	5,400,366	1,392,312	698,149	694,163	9,606,587	4,895,758	4,710,839
10-14	9,811,023	4,995,588	4,815,465	1,558,358	767,652	790,700	8,254,486	4,229,188	4,025,314
15-19	8,664,159	4,362,702	4,301,478	1,656,357	791,003	865,339	7,003,692	3,570,389	3,433,308
20-24	7,244,654	3,586,136	3,658,496	1,583,895	772,131	811,752	5,653,263	2,810,497	2,842,754
25-29	6,017,156	2,953,887	3,063,233	1,386,565	690,251	696,314	4,622,914	2,259,664	2,363,231
30-34	4,713,064	2,306,848	2,406,164	1,014,958	525,945	489,019	3,693,545	1,778,062	1,915,457
35-39	3,781,777	1,848,194	1,933,541	782,658	406,730	375,935	2,996,107	1,439,481	1,556,606
40-44	3,005,048	1,499,582	1,505,447	556,679	294,089	262,597	2,447,307	1,204,600	1,242,700
45-49	2,417,290	1,220,376	1,196,907	425,881	222,646	203,242	1,991,001	997,336	993,662
50-54	1,895,075	964,859	930,217	324,608	163,782	160,827	1,570,337	801,009	769,328
55-59	1,486,877	767,464	719,422	240,290	120,983	119,307	1,246,779	646,612	600,172
60-64	1,169,711	610,940	558,785	189,168	92,416	96,753	980,692	518,706	461,991
65-69	890,825	471,709	419,128	141,599	68,504	73,092	749,389	403,402	345,995
70-74	642,548	345,796	296,765	103,422	49,011	54,411	539,218	296,954	242,269
75-79	404,174	222,289	181,899	64,608	30,666	33,942	339,633	191,749	147,892
80+	543,155	349,441	193,755	66,443	34,199	32,246	477,218	315,718	161,522

Table A7.5.2 Projected Population Size of Ethiopia by Five Year Age

Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All									
Ages	83,741,737	42,135,258	41,606,479	15,246,347	7,598,092	7,648,255	68,495,390	34,537,166	33,958,224
0-4	12,875,093	6,538,276	6,336,830	1,517,576	768,855	748,728	11,333,551	5,757,496	5,576,066
5-9	11,510,133	5,830,629	5,679,514	1,562,598	780,255	782,346	9,932,080	5,042,491	4,889,599
10-14	10,624,357	5,404,789	5,219,583	1,792,256	888,377	903,879	8,827,982	4,513,904	4,314,096
15-19	9,476,888	4,817,280	4,659,617	1,833,215	900,779	932,432	7,646,800	3,917,435	3,729,380
20-24	8,270,830	4,141,769	4,129,058	1,889,288	914,264	975,013	6,392,662	3,232,372	3,160,292
25-29	6,829,642	3,361,705	3,467,920	1,670,531	823,921	846,604	5,171,495	2,544,113	2,627,365
30-34	5,648,393	2,763,872	2,884,505	1,364,360	690,798	673,565	4,293,776	2,078,668	2,215,086
35-39	4,377,148	2,135,167	2,241,970	977,370	509,485	467,900	3,405,010	1,629,301	1,775,684
40-44	3,529,782	1,722,513	1,807,255	733,524	376,798	356,729	2,798,893	1,347,639	1,451,235
45-49	2,780,084	1,388,086	1,391,996	525,240	275,815	249,430	2,255,398	1,113,013	1,142,379
50-54	2,221,685	1,116,047	1,105,636	408,375	205,222	203,155	1,813,423	910,940	902,479
55-59	1,707,812	865,338	842,475	306,144	149,996	156,148	1,401,529	715,166	686,365
60-64	1,314,457	674,081	640,379	226,748	108,903	117,844	1,087,344	564,810	522,539
65-69	989,373	512,117	477,258	171,576	80,666	90,907	817,549	431,112	386,443
70-74	697,387	365,253	332,134	120,511	56,118	64,390	576,689	308,852	267,840
75-79	441,244	233,454	207,795	79,299	36,191	43,108	361,915	197,092	164,829
80+	447,428	264,882	182,554	67,734	31,652	36,078	379,296	232,762	146,548

Table A7.5.3 Projected Population Size of Ethiopia by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	94,352,139	47,364,992	46,987,147	19,164,491	9,534,812	9,629,679	75,187,648	37,830,180	37,357,468
0-4	13,528,590	6,876,421	6,652,183	1,811,130	916,366	894,771	11,674,639	5,938,643	5,736,015
5-9	12,448,401	6,301,867	6,146,542	1,997,393	994,561	1,002,831	10,426,731	5,294,765	5,131,981
10-14	11,359,359	5,747,959	5,611,408	2,116,099	1,045,113	1,070,982	9,234,521	4,697,722	4,536,817
15-19	10,500,705	5,336,198	5,164,516	2,205,114	1,094,367	1,110,746	8,298,893	4,242,753	4,056,159
20-24	9,322,415	4,725,170	4,597,254	2,204,754	1,099,832	1,104,923	7,131,888	3,632,140	3,499,763
25-29	8,110,849	4,047,502	4,063,340	2,114,464	1,035,202	1,079,255	6,017,733	3,022,387	2,995,342
30-34	6,687,272	3,281,910	3,405,350	1,754,863	878,820	876,047	4,950,537	2,413,073	2,537,438
35-39	5,518,185	2,692,328	2,825,846	1,422,837	722,152	700,692	4,109,153	1,978,421	2,130,705
40-44	4,257,426	2,070,519	2,186,895	977,335	503,594	473,747	3,285,237	1,570,896	1,714,315
45-49	3,413,015	1,658,680	1,754,326	746,608	379,131	367,481	2,668,847	1,281,619	1,387,208
50-54	2,660,564	1,320,044	1,340,519	535,794	271,036	264,758	2,124,559	1,049,250	1,075,305
55-59	2,093,237	1,042,645	1,050,590	414,152	201,275	212,876	1,678,582	840,976	837,603
60-64	1,569,090	786,289	782,796	309,257	143,766	165,484	1,259,401	641,859	617,543
65-69	1,152,886	582,858	570,029	218,632	100,563	118,065	933,544	481,527	452,021
70-74	804,281	409,104	395,177	156,165	70,226	85,935	647,787	338,323	309,467
75-79	500,836	256,264	244,574	99,355	44,448	54,905	401,372	211,489	189,887
80+	425,027	229,234	195,802	80,538	34,359	46,179	344,224	194,336	149,899

**Table A7.5.4 Projected Population Size of Ethiopia by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All									
Ages	105,166,458	52,724,268	52,442,190	23,879,919	11,872,577	12,007,342	81,286,539	40,851,691	40,434,848
0-4	13,712,500	6,975,841	6,736,675	2,039,911	1,031,112	1,008,804	11,593,980	5,905,225	5,688,793
5-9	13,183,713	6,683,779	6,499,948	2,397,839	1,194,392	1,203,450	10,742,260	5,466,647	5,275,642
10-14	12,320,494	6,230,946	6,089,559	2,662,355	1,314,422	1,347,932	9,648,239	4,910,034	4,738,233
15-19	11,250,723	5,687,186	5,563,543	2,617,895	1,295,927	1,321,964	8,637,456	4,392,377	4,245,102
20-24	10,354,355	5,248,025	5,106,338	2,670,409	1,345,096	1,325,319	7,707,319	3,914,884	3,792,454
25-29	9,167,156	4,632,244	4,534,918	2,498,194	1,259,080	1,239,121	6,699,463	3,388,973	3,310,500
30-34	7,965,947	3,964,296	4,001,643	2,237,786	1,114,784	1,123,000	5,759,566	2,865,768	2,893,784
35-39	6,555,680	3,208,287	3,347,384	1,843,191	926,142	917,056	4,738,449	2,297,055	2,441,358
40-44	5,388,533	2,621,625	2,766,896	1,432,267	719,039	713,232	3,971,546	1,912,006	2,059,501
45-49	4,134,362	2,003,393	2,130,960	1,002,477	510,838	491,645	3,136,549	1,496,925	1,639,589
50-54	3,282,500	1,586,020	1,696,468	766,676	375,719	390,953	2,517,385	1,211,661	1,305,699
55-59	2,521,310	1,241,198	1,280,107	548,877	268,419	280,457	1,970,703	971,969	998,725
60-64	1,937,844	955,134	982,705	423,269	195,164	228,098	1,513,349	758,512	754,834
65-69	1,390,661	687,182	703,478	301,930	134,599	167,324	1,087,718	551,109	536,612
70-74	950,868	472,617	478,251	203,277	89,378	113,893	746,666	381,991	364,679
75-79	589,496	293,184	296,311	131,823	57,068	74,752	457,524	235,461	222,065
80+	460,316	233,310	227,006	101,745	41,400	60,341	358,367	191,095	167,277

Table A7.5.5 Projected Population Size of Ethiopia by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	115,946,201	58,074,006	57,872,195	29,311,431	14,566,208	14,745,223	86,634,770	43,507,798	43,126,972
0-4	13,728,735	6,990,313	6,738,443	2,243,967	1,133,588	1,110,389	11,344,887	5,786,129	5,558,819
5-9	13,442,166	6,823,072	6,619,110	2,715,628	1,352,307	1,363,321	10,648,703	5,429,862	5,218,898
10-14	13,078,422	6,624,201	6,454,233	3,175,259	1,569,443	1,605,812	9,888,226	5,044,273	4,844,008
15-19	12,231,624	6,176,140	6,055,490	3,248,643	1,608,248	1,640,392	9,000,823	4,574,629	4,426,231
20-24	11,130,809	5,604,755	5,526,054	3,165,808	1,590,484	1,575,330	8,005,130	4,035,310	3,969,828
25-29	10,213,890	5,157,704	5,056,200	3,028,260	1,539,490	1,488,789	7,236,507	3,646,216	3,590,302
30-34	9,025,209	4,548,962	4,476,251	2,653,256	1,360,322	1,292,952	6,414,334	3,213,626	3,200,702
35-39	7,828,074	3,886,467	3,941,600	2,358,409	1,180,475	1,177,938	5,512,935	2,729,420	2,783,486
40-44	6,419,198	3,134,496	3,284,687	1,860,450	925,210	935,239	4,585,849	2,225,121	2,360,674
45-49	5,248,842	2,546,753	2,702,073	1,471,335	731,894	739,441	3,793,975	1,825,466	1,968,451
50-54	3,989,924	1,924,453	2,065,457	1,032,344	508,386	523,956	2,960,281	1,418,994	1,541,239
55-59	3,124,636	1,499,447	1,625,177	786,310	373,335	412,966	2,337,915	1,125,798	1,212,084
60-64	2,347,662	1,144,839	1,202,818	563,736	261,665	302,063	1,780,533	880,271	900,252
65-69	1,731,154	842,155	888,994	415,865	183,906	231,948	1,312,807	655,137	657,667
70-74	1,160,668	564,350	596,317	282,962	120,725	162,227	876,514	441,253	435,265
75-79	708,550	344,801	363,749	174,512	73,935	100,570	533,513	269,437	264,079
80+	536,638	261,097	275,542	134,690	52,796	81,889	401,837	206,855	194,987

**Table A7.5.6 Projected Population Size of Ethiopia by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	126,513,611	63,318,771	63,194,840	35,487,525	17,629,494	17,858,031	91,026,086	45,689,277	45,336,809
0-4	13,672,884	6,965,110	6,707,798	2,484,991	1,255,631	1,229,373	10,977,495	5,603,118	5,374,468
5-9	13,523,036	6,871,218	6,651,833	3,007,745	1,498,333	1,509,411	10,392,896	5,308,352	5,084,634
10-14	13,357,798	6,773,558	6,584,252	3,588,490	1,775,027	1,813,458	9,744,623	4,981,277	4,763,433
15-19	13,000,248	6,573,617	6,426,641	3,853,919	1,911,355	1,942,563	9,178,630	4,674,880	4,503,815
20-24	12,120,070	6,096,498	6,023,581	3,885,726	1,951,663	1,934,074	8,310,071	4,184,391	4,125,694
25-29	10,999,374	5,518,433	5,480,943	3,584,981	1,818,067	1,766,929	7,492,240	3,744,178	3,748,047
30-34	10,075,245	5,074,861	5,000,388	3,215,572	1,662,390	1,553,208	6,920,351	3,451,277	3,469,053
35-39	8,887,751	4,469,403	4,418,354	2,804,229	1,444,465	1,359,788	6,132,009	3,056,065	3,075,922
40-44	7,683,830	3,806,798	3,877,025	2,382,863	1,180,750	1,202,112	5,336,418	2,644,849	2,691,535
45-49	6,270,200	3,054,237	3,215,949	1,914,935	944,337	970,594	4,379,591	2,124,519	2,255,000
50-54	5,082,103	2,455,190	2,626,897	1,515,553	730,466	785,075	3,580,574	1,732,018	1,848,494
55-59	3,813,386	1,827,453	1,985,916	1,061,551	506,892	554,649	2,750,570	1,320,263	1,430,245
60-64	2,925,888	1,390,922	1,534,955	808,831	365,367	443,449	2,115,204	1,022,148	1,093,018
65-69	2,112,782	1,016,889	1,095,884	557,537	248,108	309,415	1,549,775	763,332	786,428
70-74	1,460,141	698,884	761,253	393,437	166,346	227,078	1,064,190	528,145	536,041
75-79	878,405	418,089	460,312	245,827	101,169	144,649	632,489	314,549	317,937
80+	650,472	307,612	342,858	181,337	69,126	112,204	468,959	235,916	233,044

Table A7.5.7 Projected Population Size of Ethiopia by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	136,791,638	68,419,779	68,371,859	42,387,943	21,052,281	21,335,662	94,403,695	47,367,498	47,036,197
0-4	13,655,277	6,961,055	6,694,242	2,807,385	1,420,290	1,387,108	10,563,743	5,397,034	5,166,835
5-9	13,510,930	6,869,749	6,641,201	3,326,842	1,658,836	1,668,010	10,012,518	5,120,294	4,892,352
10-14	13,452,181	6,828,730	6,623,468	3,964,810	1,963,365	2,001,443	9,446,734	4,837,919	4,608,945
15-19	13,288,607	6,727,078	6,561,541	4,332,894	2,151,688	2,181,205	8,998,639	4,591,687	4,407,053
20-24	12,895,505	6,496,504	6,399,008	4,575,261	2,302,364	2,272,908	8,435,838	4,254,582	4,181,287
25-29	11,993,451	6,011,990	5,981,464	4,364,587	2,212,895	2,151,715	7,758,197	3,871,410	3,886,756
30-34	10,865,953	5,438,347	5,427,605	3,794,784	1,957,145	1,837,670	7,156,518	3,537,733	3,618,714
35-39	9,937,432	4,994,527	4,942,910	3,392,378	1,762,062	1,630,352	6,607,519	3,277,339	3,330,129
40-44	8,739,083	4,386,240	4,352,846	2,827,742	1,443,053	1,384,705	5,935,234	2,961,799	2,973,415
45-49	7,520,613	3,717,660	3,802,950	2,451,431	1,205,441	1,245,985	5,093,327	2,524,478	2,568,811
50-54	6,085,563	2,952,139	3,133,409	1,971,325	942,608	1,028,701	4,131,314	2,016,354	2,114,885
55-59	4,872,954	2,339,225	2,533,711	1,555,272	728,734	826,516	3,326,716	1,612,277	1,714,363
60-64	3,586,839	1,702,886	1,883,937	1,092,379	496,840	595,518	2,490,653	1,200,642	1,289,944
65-69	2,650,938	1,242,904	1,408,017	800,354	346,915	453,414	1,846,375	888,915	957,409
70-74	1,799,108	851,100	948,000	530,634	225,402	305,215	1,263,114	618,433	644,662
75-79	1,120,716	524,135	596,577	345,225	140,487	204,727	775,081	379,508	395,561
80+	816,488	375,512	440,974	254,640	94,157	160,471	562,174	277,095	285,074

**Table A7.6.1a Projected Population Size of Tigray Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2008**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4,412,916	2,173,354	2,239,562	887,876	437,278	450,598	3,525,040	1,736,076	1,788,964
0-4	665,593	338,349	327,242	101,329	54,362	46,965	564,224	283,970	280,254
5-9	619,072	313,081	305,987	109,033	56,040	52,992	510,019	257,032	252,984
10-14	560,934	281,724	279,208	113,414	56,248	57,166	447,521	225,475	222,043
15-19	491,331	244,066	247,264	108,464	52,800	55,665	382,879	191,270	191,607
20-24	404,701	196,086	208,617	99,237	47,428	51,810	305,486	148,668	156,819
25-29	335,372	159,417	175,957	84,677	40,264	44,415	250,716	119,163	131,553
30-34	269,270	125,364	143,909	66,210	31,878	34,331	203,075	93,494	109,585
35-39	220,795	102,004	118,794	51,683	25,129	26,556	169,121	76,881	92,242
40-44	182,582	85,841	96,743	37,743	18,885	18,857	144,840	66,958	77,885
45-49	152,248	72,560	79,688	28,940	14,526	14,414	123,306	58,034	65,271
50-54	125,766	60,826	64,941	22,366	10,799	11,568	103,396	50,025	53,371
55-59	104,532	51,159	53,373	17,712	8,254	9,458	86,816	42,903	43,913
60-64	87,315	42,877	44,438	14,576	6,373	8,203	72,736	36,502	36,234
65-69	70,288	34,889	35,399	11,638	4,938	6,701	58,646	29,949	28,697
70-74	53,537	27,167	26,370	8,695	3,714	4,981	44,839	23,450	21,388
75-79	36,962	19,541	17,421	6,147	2,791	3,357	30,813	16,749	14,064
80+	32,618	18,404	14,213	6,010	2,850	3,161	26,607	15,553	11,053

**Table A7.6.1b Projected Population Size of Tigray Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4,772,782	2,350,940	2,421,842	1,080,068	532,012	548,056	3,692,714	1,818,928	1,873,786
0-4	679,450	346,041	333,390	116,566	62,483	54,077	562,820	283,532	279,277
5-9	640,668	324,745	315,908	126,689	65,138	61,546	513,948	259,593	254,346
10-14	596,129	300,824	295,292	134,768	67,088	67,679	461,361	233,735	227,615
15-19	537,287	269,246	268,033	132,224	64,893	67,332	405,080	204,359	200,713
20-24	462,204	228,283	233,920	125,863	61,272	64,593	336,377	167,028	169,347
25-29	377,133	181,062	196,079	105,656	50,663	54,995	271,511	130,415	141,102
30-34	313,557	147,934	165,634	85,664	41,664	44,001	227,918	106,284	121,644
35-39	250,096	115,572	134,537	65,139	31,572	33,568	184,972	84,010	100,974
40-44	205,875	94,872	111,013	47,499	23,240	24,260	158,377	71,635	86,751
45-49	169,370	79,542	89,835	36,042	17,784	18,258	133,324	61,757	71,573
50-54	139,882	66,320	73,566	27,926	13,197	14,730	111,950	53,120	58,833
55-59	113,719	54,687	59,034	21,674	9,914	11,761	92,038	44,768	47,271
60-64	92,279	44,732	47,549	17,341	7,486	9,856	74,933	37,241	37,691
65-69	73,471	35,632	37,839	13,721	5,684	8,038	59,745	29,944	29,801
70-74	54,272	26,589	27,683	9,968	4,101	5,869	44,300	22,485	21,813
75-79	36,101	18,016	18,084	6,807	2,899	3,908	29,291	15,115	14,176
80+	31,290	16,842	14,446	6,519	2,934	3,586	24,770	13,907	10,860

Table A 7.6.1c Projected Population Size of Tigray Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	5,247,918	2,587,905	2,660,013	1,400,114	690,438	709,676	3,847,804	1,897,467	1,950,337
0-4	701,998	357,634	344,333	142,446	76,138	66,292	556,670	280,257	276,398
5-9	658,104	334,474	323,602	153,290	78,845	74,436	503,382	254,961	248,401
10-14	628,639	318,399	310,217	166,633	83,148	83,482	461,937	235,135	226,781
15-19	583,293	294,247	289,027	167,754	82,803	84,950	416,319	211,720	204,581
20-24	521,104	260,676	260,418	165,135	81,334	83,802	357,647	180,100	177,537
25-29	447,134	219,995	227,140	145,618	71,427	74,191	303,208	149,386	153,822
30-34	365,407	174,596	190,827	116,216	57,041	59,175	250,395	118,227	132,183
35-39	303,702	142,657	161,063	92,299	45,268	47,032	212,127	97,853	114,292
40-44	241,198	110,946	130,274	65,195	31,712	33,485	176,057	79,370	96,707
45-49	197,562	90,509	107,073	49,351	23,695	25,659	147,995	66,785	81,227
50-54	160,634	74,812	85,835	37,771	17,500	20,274	122,536	57,153	65,392
55-59	130,500	61,244	69,265	29,366	13,089	16,280	100,784	47,946	52,844
60-64	103,038	48,922	54,122	22,888	9,673	13,220	79,854	39,032	40,824
65-69	79,423	37,887	41,540	17,536	7,151	10,389	61,652	30,546	31,106
70-74	58,103	27,627	30,478	12,649	5,045	7,607	45,270	22,433	22,837
75-79	37,424	17,849	19,577	8,373	3,398	4,979	28,947	14,364	14,583
80+	30,655	15,432	15,221	7,594	3,173	4,423	23,023	12,198	10,822

Table A7.6.1d Projected Population Size of Tigray Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	5,739,448	2,834,447	2,905,001	1,788,931	883,470	905,461	3,950,517	1,950,977	1,999,540
0-4	714,562	364,120	350,400	170,406	90,840	79,541	537,440	270,372	267,049
5-9	684,156	347,909	336,208	186,473	95,779	90,680	494,246	250,505	243,716
10-14	647,750	329,004	318,712	199,956	99,962	99,989	447,545	228,711	218,806
15-19	616,770	312,313	304,427	205,884	101,948	103,934	412,638	210,956	201,654
20-24	567,552	285,879	281,652	207,854	103,001	104,851	363,672	184,662	178,991
25-29	506,071	252,283	253,779	190,240	94,412	95,828	320,004	159,897	160,099
30-34	435,084	213,139	221,951	160,001	80,237	79,760	278,214	134,675	143,549
35-39	355,510	169,161	186,372	125,171	61,937	63,233	232,183	108,406	123,799
40-44	294,339	137,682	156,686	92,654	45,619	47,034	201,801	92,410	109,420
45-49	232,664	106,460	126,237	67,840	32,423	35,421	164,224	73,940	90,311
50-54	188,459	85,670	102,818	51,852	23,410	28,449	135,723	61,838	73,907
55-59	150,898	69,604	81,313	39,815	17,431	22,393	110,157	51,626	58,541
60-64	119,299	55,295	64,017	31,128	12,842	18,296	87,393	41,889	45,508
65-69	89,723	41,927	47,807	23,276	9,307	13,977	65,845	32,137	33,711
70-74	63,829	29,865	33,970	16,327	6,420	9,913	47,043	23,074	23,970
75-79	40,960	18,974	21,990	10,776	4,247	6,533	29,928	14,513	15,416
80+	31,823	15,161	16,664	9,280	3,657	5,626	22,461	11,367	11,093

Table A7.6.1e Projected Population Size of Tigray Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	6,230,523	3,081,512	3,149,011	2,245,708	1,110,689	1,135,019	3,984,815	1,970,823	2,013,992
0-4	716,140	364,927	351,165	198,848	105,764	93,050	505,050	253,841	251,191
5-9	699,747	355,965	343,738	221,189	113,495	107,674	472,151	239,412	232,714
10-14	674,995	343,077	331,877	240,620	120,313	120,301	433,823	222,073	211,717
15-19	636,733	323,399	313,296	244,708	121,522	123,183	395,166	202,901	192,232
20-24	601,456	304,213	297,211	252,637	125,670	126,965	356,223	181,852	174,344
25-29	552,719	277,544	275,156	238,046	118,889	119,151	322,691	162,548	160,130
30-34	494,028	245,282	248,742	208,406	105,667	102,727	291,888	143,179	148,714
35-39	424,830	207,313	217,530	171,996	86,969	85,018	256,731	122,873	133,877
40-44	345,902	163,954	181,980	125,719	62,499	63,218	220,399	102,158	118,272
45-49	285,127	132,750	152,415	96,261	46,660	49,605	187,522	85,844	101,709
50-54	222,998	101,311	121,728	71,143	32,071	39,086	149,948	68,322	81,653
55-59	178,076	80,206	97,905	54,608	23,331	31,293	121,491	55,723	65,787
60-64	138,977	63,332	75,669	42,175	17,122	25,070	95,167	45,031	50,145
65-69	104,926	47,863	57,080	31,700	12,383	19,332	71,962	34,475	37,492
70-74	73,126	33,517	39,621	21,787	8,405	13,394	50,395	24,352	26,044
75-79	45,855	20,913	24,950	14,029	5,454	8,581	31,310	15,029	16,284
80+	34,888	15,946	18,949	11,838	4,472	7,372	22,898	11,210	11,689

Table A7.6.1f Projected Population Size of Tigray Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All									
Ages	6,707,567	3,322,129	3,385,438	2,764,738	1,369,322	1,395,416	3,942,829	1,952,807	1,990,022
0-4	710304	362009	348243	227200	120693	106465	463799	232920	230863
5-9	703853	358112	345692	255420	131000	124397	438218	222223	215969
10-14	691466	351611	339809	281951	141065	140879	408615	209408	199170
15-19	664360	337703	326614	291322	144844	146475	378186	194522	183628
20-24	621763	315545	306179	297029	148288	148734	336731	172623	164079
25-29	586832	295971	290833	287180	144032	143139	312988	158427	154543
30-34	540808	270506	270288	259474	132360	127094	292098	144288	147812
35-39	483672	239254	244420	223115	114115	108982	267550	129702	137863
40-44	414606	201615	213010	172440	87682	84746	242621	115281	127365
45-49	336168	158672	177536	130101	63800	66304	203576	94400	109208
50-54	274278	126876	147447	100421	46090	54350	170138	78959	91206
55-59	211690	95347	116392	74589	31902	42713	133372	61267	72130
60-64	165037	73453	91626	57670	22884	34815	104318	48393	55941
65-69	123257	55282	68004	42872	16500	26398	78050	36932	41126
70-74	86545	38725	47840	29730	11211	18537	55065	26116	28956
75-79	53413	23869	29557	18815	7181	11646	33655	15906	17753
80+	39517	17579	21948	15410	5677	9743	23849	11441	12410

Table A7.6.1g Projected Population Size of Tigray Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	7,156,722	3,548,543	3,608,179	3,333,795	1,653,007	1,680,788	3,822,927	1,895,536	1,927,391
0-4	697,877	355,641	342,182	254,025	134,861	119,114	416,283	208,829	207,440
5-9	699,677	356,054	343,572	288,166	147,840	140,297	396,861	201,224	195,614
10-14	696,015	353,994	341,972	321,189	160,844	160,335	373,649	191,576	182,038
15-19	680,935	346,311	334,576	337,266	167,930	169,332	351,454	180,945	170,473
20-24	649,287	329,823	319,419	349,497	174,784	174,705	318,040	163,242	154,766
25-29	607,236	307,334	299,867	334,595	168,478	166,104	292,709	148,677	144,012
30-34	574,983	288,886	286,077	310,836	159,203	151,604	280,826	139,239	141,588
35-39	530,362	264,319	266,035	276,017	142,101	133,888	265,579	129,580	136,012
40-44	472,981	233,172	239,817	222,641	114,604	108,014	251,238	120,890	130,368
45-49	403,832	195,600	208,258	177,260	89,067	88,187	222,360	105,738	116,647
50-54	324,229	152,088	172,190	134,683	62,721	71,985	183,202	86,214	97,014
55-59	261,251	119,837	141,468	104,453	45,602	58,886	150,108	70,270	79,861
60-64	197,157	87,742	109,470	78,235	31,135	47,143	113,643	52,829	60,833
65-69	147,428	64,524	82,952	58,387	21,953	36,475	85,049	39,427	45,636
70-74	102,740	45,138	57,634	40,174	14,903	25,298	59,585	27,859	31,735
75-79	64,195	27,943	36,273	25,747	9,581	16,184	36,835	17,029	19,812
80+	46,538	20,135	26,419	20,624	7,400	13,238	25,505	11,967	13,542

**Table A7.6.2a Projected Population Size of Afar Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2008**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,419,496	789,908	629,588	197,810	110,076	87,734	1,221,686	679,832	541,854
0-4	184,105	97,905	86,200	22,674	12,241	10,433	161,422	85,660	75,762
5-9	183,032	101,915	81,118	22,163	11,890	10,272	160,859	90,018	70,843
10-14	195,645	113,271	82,374	23,805	12,855	10,951	171,830	100,408	71,422
15-19	184,132	106,891	77,241	23,769	12,883	10,887	160,357	94,002	66,355
20-24	152,712	86,029	66,683	23,111	12,538	10,574	129,606	73,493	56,113
25-29	125,778	68,900	56,878	20,402	11,229	9,173	105,385	57,676	47,708
30-34	97,220	49,915	47,305	16,761	9,442	7,320	80,468	40,480	39,988
35-39	77,561	38,695	38,866	13,176	7,519	5,656	64,392	31,182	33,210
40-44	64,481	33,617	30,864	9,779	5,771	4,008	54,705	27,850	26,855
45-49	51,587	27,992	23,595	7,380	4,486	2,893	44,208	23,507	20,701
50-54	37,088	21,773	15,315	5,115	3,130	1,985	31,973	18,643	13,330
55-59	26,400	16,491	9,909	3,738	2,328	1,412	22,662	14,163	8,498
60-64	17,244	11,304	5,940	2,424	1,537	887	14,820	9,767	5,053
65-69	10,791	7,321	3,470	1,604	1,058	546	9,187	6,263	2,924
70-74	6,058	4,273	1,785	944	607	337	5,114	3,666	1,448
75-79	2,487	1,637	850	492	278	215	1,995	1,359	636
80+	3,175	1,980	1,195	471	286	185	2,704	1,694	1,010

Table A7.6.2b Projected Population Size of Afar Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,590,079	877,909	712,170	256,096	141,395	114,701	1,333,983	736,514	597,469
0-4	222,827	114,261	108,566	31,511	16,293	15,217	191,185	97,905	93,281
5-9	171,048	92,265	78,783	23,837	12,293	11,544	147,100	79,896	67,205
10-14	187,698	105,781	81,917	26,305	13,716	12,589	161,276	91,966	69,310
15-19	197,462	114,530	82,932	29,249	15,753	13,496	168,137	98,697	69,440
20-24	182,232	105,315	76,917	31,496	17,450	14,046	150,800	87,880	62,921
25-29	148,928	83,832	65,096	27,578	15,493	12,084	121,457	68,398	53,060
30-34	121,027	66,313	54,713	23,924	14,169	9,755	97,236	52,248	44,987
35-39	91,754	46,798	44,957	17,814	10,265	7,550	74,031	36,615	37,416
40-44	73,830	37,198	36,631	12,734	7,232	5,502	61,121	30,003	31,118
45-49	60,736	32,071	28,665	9,901	5,831	4,069	50,839	26,260	24,579
50-54	47,381	25,977	21,404	7,456	4,247	3,209	39,920	21,732	18,188
55-59	33,059	19,720	13,338	5,360	3,167	2,193	27,700	16,553	11,146
60-64	23,012	14,435	8,577	3,712	2,234	1,477	19,301	12,198	7,103
65-69	14,121	9,298	4,823	2,403	1,527	875	11,722	7,771	3,951
70-74	8,236	5,586	2,650	1,476	903	574	6,764	4,683	2,080
75-79	3,966	2,787	1,179	873	537	338	3,100	2,253	846
80+	2,762	1,741	1,021	469	286	183	2,294	1,455	839

Table A7.6.2c Projected Population Size of Afar Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,812,558	991,827	820,731	346,233	189,457	156,776	1,466,325	802,370	663,955
0-4	229,813	117,813	111,999	38,276	19,629	18,647	191,141	97,982	93,159
5-9	219,264	112,693	106,571	36,100	17,571	18,528	182,758	94,843	87,915
10-14	172,206	92,918	79,289	28,548	14,109	14,440	143,352	78,553	64,799
15-19	191,041	107,334	83,706	33,383	17,265	16,118	157,439	89,842	67,597
20-24	203,088	117,282	85,806	41,094	22,615	18,478	162,156	94,682	67,475
25-29	186,733	108,218	78,515	40,378	23,199	17,179	146,686	85,197	61,490
30-34	150,286	85,198	65,088	34,706	21,012	13,695	116,002	64,519	51,482
35-39	120,579	66,407	54,172	27,550	16,796	10,754	93,346	49,900	43,446
40-44	90,828	46,600	44,228	18,369	10,491	7,876	72,531	36,221	36,311
45-49	72,249	36,514	35,735	13,729	7,705	6,023	58,515	28,860	29,655
50-54	58,837	31,092	27,745	10,851	5,918	4,933	47,959	25,172	22,787
55-59	45,205	24,733	20,472	8,608	4,626	3,982	36,596	20,100	16,495
60-64	30,752	18,242	12,510	5,838	3,293	2,545	24,912	14,936	9,976
65-69	20,472	12,753	7,718	4,090	2,439	1,651	16,395	10,315	6,079
70-74	11,661	7,617	4,044	2,460	1,434	1,027	9,217	6,182	3,035
75-79	6,031	4,050	1,981	1,560	903	657	4,500	3,156	1,344
80+	3,513	2,362	1,151	694	452	243	2,821	1,910	910

Table A7.6.2d Projected Population Size of Afar Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2,033,176	1,105,135	928,041	455,085	247,362	207,723	1,578,091	857,773	720,318
0-4	229,778	117,739	112,039	44,668	22,774	21,893	184,320	94,547	89,773
5-9	227,549	116,895	110,654	43,749	21,194	22,555	182,961	95,120	87,840
10-14	220,503	113,487	107,017	42,873	20,050	22,822	176,873	92,812	84,063
15-19	176,164	94,918	81,246	36,032	17,741	18,291	139,735	76,768	62,967
20-24	197,489	110,752	86,737	46,461	24,695	21,766	151,292	86,046	65,246
25-29	208,110	120,648	87,462	52,098	29,809	22,289	156,656	91,166	65,489
30-34	188,128	109,650	78,478	50,270	31,015	19,255	138,811	79,390	59,420
35-39	149,769	85,229	64,540	39,669	24,701	14,968	110,818	61,185	49,633
40-44	119,401	65,998	53,403	28,241	17,098	11,143	91,337	49,171	42,165
45-49	89,091	45,826	43,265	19,708	11,151	8,557	69,356	34,780	34,576
50-54	70,207	35,519	34,688	15,047	7,821	7,225	55,082	27,683	27,400
55-59	56,340	29,716	26,624	12,485	6,433	6,053	43,840	23,258	20,582
60-64	42,261	22,994	19,267	9,383	4,808	4,576	32,869	18,146	14,722
65-69	27,556	16,227	11,330	6,414	3,589	2,825	21,171	12,633	8,539
70-74	17,081	10,551	6,530	4,219	2,297	1,922	12,909	8,247	4,662
75-79	8,674	5,607	3,067	2,604	1,439	1,165	6,147	4,190	1,957
80+	5,077	3,380	1,697	1,164	747.5658	416.7876	3,916	2,631	1,285

Table A7.6.2e Projected Population Size of Afar Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2,246,341	1,212,644	1,033,697	581,900	314,127	267,773	1,664,441	898,517	765,924
0-4	224,826	114,812	110,015	50,540	25,620	24,920	172,980	88,493	84,488
5-9	229,449	117,348	112,101	51,044	24,585	26,461	176,981	91,777	85,203
10-14	229,631	117,832	111,798	51,645	24,068	27,577	176,656	92,669	83,986
15-19	223,602	115,438	108,164	53,036	24,912	28,124	169,737	89,679	80,058
20-24	180,983	98,662	82,321	49,064	25,283	23,781	132,289	73,333	58,956
25-29	201,947	114,434	87,513	58,055	32,392	25,663	144,866	82,508	62,358
30-34	210,029	122,090	87,939	64,241	39,383	24,858	147,456	84,022	63,433
35-39	188,144	109,435	78,709	57,200	36,136	21,064	132,379	74,619	57,759
40-44	149,077	84,599	64,478	40,641	25,071	15,570	108,779	60,063	48,716
45-49	117,938	64,864	53,074	30,258	18,092	12,166	87,631	46,991	40,640
50-54	87,305	44,623	42,682	21,586	11,297	10,289	65,544	33,282	32,263
55-59	67,882	34,041	33,841	17,358	8,476	8,884	50,485	25,507	24,977
60-64	53,245	27,734	25,511	13,663	6,676	6,986	39,560	20,971	18,589
65-69	38,385	20,562	17,824	10,346	5,227	5,118	28,108	15,318	12,791
70-74	23,428	13,539	9,889	6,722	3,389	3,333	16,816	10,130	6,687
75-79	13,014	7,861	5,153	4,526	2,308	2,217	8,684	5,599	3,085
80+	7,458	4,772	2,686	1,974	1,213	761	5,491	3,555	1,936

Table A7.6.2f Projected Population Size of Afar Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2,453,625	1,317,037	1,136,588	729,482	391,565	337,917	1,724,143	925,472	798,671
0-4	220,714	112,644	108,070	56,991	28,902	28,088	161,820	82,730	79,090
5-9	225,661	114,994	110,667	57,686	27,747	29,939	165,901	85,826	80,074
10-14	232,133	118,619	113,514	59,976	27,923	32,053	170,163	89,076	81,087
15-19	233,389	120,226	113,162	63,491	29,860	33,630	168,597	89,068	79,529
20-24	228,931	119,690	109,240	71,077	35,126	35,951	158,519	84,463	74,055
25-29	186,701	103,307	83,393	61,226	33,381	27,845	126,736	70,514	56,221
30-34	204,861	116,512	88,349	71,170	42,701	28,470	135,954	75,589	60,365
35-39	210,547	122,056	88,491	72,794	45,748	27,045	140,002	78,394	61,608
40-44	187,507	108,640	78,866	58,508	36,694	21,815	129,607	72,915	56,691
45-49	147,539	83,235	64,304	43,421	26,514	16,907	104,020	57,110	46,909
50-54	115,724	63,195	52,529	32,834	18,328	14,506	82,543	44,766	37,778
55-59	84,645	42,862	41,783	24,765	12,233	12,532	59,791	30,517	29,275
60-64	64,454	31,898	32,556	18,985	8,811	10,174	45,430	22,938	22,491
65-69	48,631	24,919	23,713	15,015	7,256	7,759	33,739	17,629	16,111
70-74	32,900	17,281	15,620	10,922	4,958	5,964	22,229	12,283	9,947
75-79	18,066	10,195	7,871	7,211	3,413	3,798	11,261	6,866	4,395
80+	11,225	6,765	4,460	3,409	1,970	1,440	7,831	4,786	3,045

Table A 7.6.2g Projected Population Size of Afar Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2,656,255	1,419,793	1,236,462	896,945	479,425	417,520	1,759,310	940,368	818,942
0-4	222,624	113,690	108,934	65,434	33,297	32,136	154,552	79,013	75,539
5-9	222,109	113,247	108,862	64,634	31,243	33,391	154,667	80,109	74,559
10-14	228,605	116,531	112,073	67,221	31,385	35,836	158,683	82,989	75,693
15-19	236,145	121,282	114,863	73,010	34,414	38,597	161,312	85,097	76,215
20-24	239,162	124,923	114,239	84,047	41,679	42,368	156,006	83,107	72,898
25-29	234,756	124,650	110,105	87,054	45,644	41,409	149,810	79,968	69,841
30-34	190,325	105,998	84,327	74,461	43,818	30,645	118,625	64,354	54,270
35-39	205,936	116,874	89,062	80,116	49,367	30,748	128,685	70,189	58,496
40-44	210,095	121,322	88,772	74,186	46,363	27,824	136,787	76,421	60,365
45-49	185,690	106,966	78,724	62,119	38,633	23,486	123,413	69,014	54,399
50-54	144,910	81,165	63,745	46,720	26,772	19,946	97,591	54,221	43,371
55-59	112,276	60,755	51,521	37,198	19,730	17,468	74,885	40,813	34,072
60-64	80,599	40,289	40,310	26,897	12,676	14,221	53,616	27,362	26,254
65-69	59,181	28,791	30,390	20,743	9,535	11,207	38,644	19,206	19,439
70-74	41,986	21,069	20,918	15,830	6,878	8,951	26,604	14,127	12,478
75-79	25,660	13,131	12,529	11,681	4,975	6,705	14,796	8,302	6,494
80+	16,198	9,107	7,090	5,597	3,017	2,582	10,635	6,075	4,559

Table A7.6.3a Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	17,624,985	8,840,241	8,784,744	2,236,595	1,121,819	1,114,776	15,388,390	7,718,422	7,669,968
0-4	2,565,226	1,292,048	1,273,186	179,889	94,280	85,616	2,385,470	1,197,832	1,187,640
5-9	2,415,133	1,216,718	1,198,423	245,034	124,424	120,612	2,170,155	1,092,321	1,077,840
10-14	2,251,951	1,139,549	1,112,417	300,126	150,425	149,702	1,951,811	989,119	962,708
15-19	1,999,248	1,008,678	990,579	299,468	149,823	149,645	1,699,738	858,835	840,913
20-24	1,668,396	827,363	841,019	272,166	136,131	136,033	1,396,175	691,203	704,959
25-29	1,391,456	682,435	708,998	232,338	116,154	116,183	1,159,067	566,254	592,791
30-34	1,106,783	538,474	568,283	173,512	87,418	86,095	933,241	451,039	482,175
35-39	901,350	438,628	462,702	133,631	67,730	65,902	767,702	370,887	396,793
40-44	743,662	368,136	375,520	99,782	50,251	49,531	643,876	317,882	325,987
45-49	617,583	309,475	308,107	77,400	39,348	38,054	540,184	270,128	270,054
50-54	506,847	256,554	250,297	60,347	29,481	30,865	446,504	227,076	219,433
55-59	415,747	212,676	203,077	47,469	22,859	24,609	368,282	189,822	178,468
60-64	334,803	173,221	161,590	37,843	17,365	20,476	296,964	155,860	141,114
65-69	261,847	136,829	125,027	28,252	12,959	15,291	233,599	123,873	109,736
70-74	193,067	101,963	91,112	20,884	9,680	11,202	172,187	92,285	79,911
75-79	127,977	68,283	59,701	13,374	6,327	7,046	114,606	61,958	52,656
80+	123,909	69,211	54,708	15,081	7,165	7,916	108,828	62,048	46,791

Table A7.6.3b Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	19,220,678	9,629,732	9,590,946	2,783,066	1,394,341	1,388,725	16,437,612	8,235,391	8,202,221
0-4	2,601,724	1,318,119	1,283,704	208,277	109,637	98,676	2,393,725	1,208,616	1,185,173
5-9	2,479,368	1,243,781	1,235,597	285,656	144,291	141,371	2,193,834	1,099,549	1,094,288
10-14	2,384,518	1,206,186	1,178,410	359,044	179,752	179,292	2,025,451	1,026,425	999,104
15-19	2,196,797	1,116,302	1,080,601	370,748	186,686	184,068	1,825,962	929,574	896,488
20-24	1,901,904	959,750	942,200	348,862	177,337	171,543	1,552,921	782,349	770,599
25-29	1,571,966	774,456	797,421	294,929	147,894	147,036	1,276,925	626,503	650,333
30-34	1,318,111	643,035	674,958	232,561	117,274	115,292	1,085,481	525,721	559,637
35-39	1,042,035	504,875	537,042	174,057	87,692	86,368	867,939	417,159	450,659
40-44	854,788	415,588	439,114	129,513	63,996	65,511	725,266	351,586	373,600
45-49	702,511	347,789	354,695	99,576	49,960	49,616	602,939	297,830	305,081
50-54	578,151	288,507	289,637	77,996	37,532	40,454	500,165	250,983	249,185
55-59	466,780	235,108	231,680	60,465	28,641	31,812	406,327	206,476	199,871
60-64	373,851	189,925	183,943	48,008	21,606	26,387	325,853	168,329	157,557
65-69	287,107	147,062	140,068	35,240	15,821	19,406	251,878	131,250	120,663
70-74	207,878	107,087	100,811	25,596	11,548	14,039	182,289	95,545	86,773
75-79	134,548	69,539	65,023	16,026	7,322	8,699	118,528	62,222	56,325
80+	118,642	62,623	56,041	16,512	7,353	9,153	102,130	55,272	46,886

Table A7.6.3c Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	21,136,526	10,586,829	10,549,697	3,681,805	1,844,136	1,837,669	17,454,721	8,742,693	8,712,028
0-4	2,591,734	1,319,097	1,272,906	250,657	132,365	118,379	2,335,256	1,183,908	1,151,531
5-9	2,532,551	1,280,590	1,252,116	349,971	178,017	171,990	2,179,936	1,101,268	1,078,789
10-14	2,467,064	1,240,472	1,226,652	442,374	220,019	222,334	2,025,056	1,020,567	1,004,569
15-19	2,362,150	1,200,649	1,161,726	472,952	238,095	234,873	1,890,980	963,393	927,796
20-24	2,142,717	1,092,812	1,050,157	464,907	238,586	226,394	1,680,467	855,624	825,023
25-29	1,848,829	930,669	918,219	410,059	209,730	200,384	1,441,321	722,320	719,007
30-34	1,539,505	754,503	784,788	321,739	162,665	159,093	1,219,319	592,744	626,344
35-39	1,295,819	629,740	665,830	256,859	129,531	127,339	1,039,863	500,785	538,820
40-44	1,021,373	492,957	528,176	184,211	90,255	93,929	837,345	402,829	434,303
45-49	835,202	404,267	430,754	141,177	69,194	71,964	693,900	335,038	358,701
50-54	679,271	333,983	345,208	109,535	51,911	57,586	569,481	281,890	287,548
55-59	550,085	272,114	277,927	85,314	39,674	45,600	464,467	232,215	232,246
60-64	432,892	215,669	217,208	66,648	29,412	37,185	365,990	186,020	180,004
65-69	330,654	165,445	165,208	48,747	21,364	27,344	281,651	143,865	137,822
70-74	234,975	117,995	116,985	34,760	15,273	19,459	200,037	102,569	97,499
75-79	149,844	75,043	74,801	21,472	9,489	11,967	128,237	65,450	62,803
80+	121,861	60,822	61,035	20,425	8,556	11,848	101,413	52,208	49,222

Table A7.6.3d Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	22,877,365	11,463,304	11,414,061	4,758,204	2,384,223	2,373,981	18,119,161	9,079,081	9,040,080
0-4	2,544,890	1,300,384	1,244,971	296,693	157,138	139,711	2,234,270	1,136,460	1,098,122
5-9	2,523,410	1,282,326	1,241,414	416,886	213,011	203,951	2,100,061	1,066,099	1,034,215
10-14	2,508,203	1,271,178	1,237,290	533,291	267,381	265,913	1,975,608	1,003,976	971,891
15-19	2,430,015	1,227,594	1,202,604	574,623	287,505	287,110	1,859,536	942,016	917,708
20-24	2,292,188	1,169,301	1,123,269	585,386	300,313	285,202	1,713,307	872,408	841,156
25-29	2,075,394	1,056,139	1,019,554	541,360	279,600	261,914	1,540,602	780,127	760,626
30-34	1,805,354	904,528	900,823	445,029	229,530	215,619	1,364,489	677,477	686,896
35-39	1,509,058	736,732	771,968	353,393	178,709	174,714	1,158,032	559,548	598,102
40-44	1,267,374	613,665	653,315	270,997	133,093	137,854	996,821	480,899	515,579
45-49	995,783	478,598	516,810	199,980	97,264	102,662	795,375	381,197	413,859
50-54	806,244	387,658	418,285	154,845	71,766	82,972	650,630	315,361	335,072
55-59	645,822	314,851	330,811	119,451	54,781	64,575	525,481	259,428	265,983
60-64	510,708	249,908	260,689	93,886	40,748	53,022	416,084	208,488	207,595
65-69	384,269	188,521	195,675	67,757	29,147	38,520	315,783	158,772	157,024
70-74	272,774	133,782	138,938	48,279	20,732	27,484	223,989	112,626	111,369
75-79	171,733	83,855	87,837	29,472	12,702	16,732	141,887	70,869	71,014
80+	134,146	64,285	69,807	26,878	10,802	16,027	107,207	53,330	53,870

Table A7.6.3e Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	24,531,183	12,296,639	12,234,544	5,918,884	2,966,933	2,951,951	18,612,299	9,329,706	9,282,593
0-4	2,498,409	1,282,980	1,216,120	340,843	181,420	159,662	2,126,591	1,086,410	1,040,642
5-9	2,484,389	1,270,049	1,214,898	477,217	245,424	231,934	1,992,722	1,017,411	975,729
10-14	2,497,497	1,272,503	1,225,458	613,592	309,589	304,048	1,885,205	963,217	922,400
15-19	2,478,563	1,256,517	1,222,364	675,183	339,332	335,872	1,812,502	921,461	891,332
20-24	2,378,787	1,193,867	1,184,953	698,078	352,537	345,600	1,695,385	848,954	846,411
25-29	2,233,694	1,130,065	1,103,864	669,048	343,622	325,612	1,580,029	794,833	785,260
30-34	2,027,832	1,027,815	1,000,272	575,262	299,988	275,535	1,462,736	733,975	728,779
35-39	1,767,664	884,901	882,737	477,369	247,246	230,302	1,296,310	641,643	654,482
40-44	1,473,962	719,355	754,167	364,159	180,303	183,805	1,110,811	539,848	570,579
45-49	1,233,569	597,405	635,691	286,716	140,556	146,088	945,562	456,425	488,741
50-54	959,901	460,392	499,041	213,613	98,905	114,523	744,161	360,047	383,822
55-59	766,314	366,888	399,037	164,525	74,184	90,153	599,381	291,008	308,160
60-64	600,331	290,727	309,373	128,120	55,166	72,750	470,233	233,790	236,399
65-69	454,873	220,131	234,563	93,245	39,652	53,433	359,676	178,888	180,756
70-74	319,168	154,221	164,818	65,678	27,843	37,722	252,150	125,271	126,854
75-79	201,762	96,748	104,914	40,296	17,080	23,145	160,475	78,927	81,513
80+	154,469	72,075	82,273	35,940	14,085	21,766	118,372	57,599	60,734

Table A7.6.3f Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	26,102,827	13,086,307	13,016,520	7,254,508	3,636,952	3,617,556	18,848,319	9,449,355	9,398,964
0-4	2,484,687	1,278,869	1,206,663	395,606	211,165	184,768	2,037,459	1,042,455	995,538
5-9	2,447,218	1,256,705	1,191,272	544,915	281,795	263,340	1,878,636	963,100	916,076
10-14	2,458,561	1,259,264	1,199,976	695,637	353,370	342,384	1,765,086	906,489	859,146
15-19	2,466,042	1,255,676	1,210,859	771,193	389,875	381,400	1,709,872	872,959	837,314
20-24	2,425,205	1,220,016	1,205,295	815,005	412,950	402,166	1,634,877	819,997	814,889
25-29	2,318,316	1,152,113	1,165,944	794,377	401,143	393,308	1,550,204	765,138	784,760
30-34	2,183,940	1,099,737	1,084,327	710,142	368,077	342,372	1,491,857	742,588	749,133
35-39	1,987,434	1,006,428	981,262	616,548	322,941	293,958	1,382,123	691,055	691,022
40-44	1,728,859	865,484	863,343	492,009	249,990	242,104	1,238,868	617,149	621,618
45-49	1,436,759	701,556	734,726	385,232	190,568	194,600	1,049,063	510,217	538,447
50-54	1,191,977	576,188	615,245	306,255	143,262	162,732	881,343	429,973	451,068
55-59	915,257	437,175	477,531	227,153	102,464	124,401	683,341	331,379	351,675
60-64	715,696	340,302	374,924	176,857	74,961	101,548	534,980	261,908	272,912
65-69	538,247	257,725	280,214	127,798	53,955	73,585	406,635	200,677	205,878
70-74	381,557	181,864	199,452	90,964	38,158	52,617	287,954	141,539	146,343
75-79	239,483	113,191	126,116	55,452	23,235	32,101	182,087	88,517	93,499
80+	183,588	84,015	99,370	49,364	19,046	30,173	133,934	64,216	69,645

Table A7.6.3g Projected Population Size of Amhara Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	27,610,035	13,840,537	13,769,498	8,711,246	4,366,830	4,344,416	18,898,789	9,473,707	9,425,082
0-4	2,475,968	1,277,085	1,199,856	453,846	242,998	211,268	1,944,294	996,062	948,812
5-9	2,443,396	1,257,210	1,187,064	622,619	323,073	299,844	1,785,519	916,641	869,463
10-14	2,423,841	1,246,315	1,178,374	780,418	398,717	381,904	1,647,149	848,904	798,875
15-19	2,427,982	1,241,793	1,186,858	861,654	438,354	423,475	1,589,058	814,507	775,036
20-24	2,413,203	1,218,033	1,195,396	918,368	467,520	451,043	1,532,157	770,298	761,919
25-29	2,365,438	1,177,109	1,188,095	917,281	464,347	453,057	1,488,804	734,862	753,631
30-34	2,269,976	1,121,551	1,147,981	836,209	425,822	410,566	1,462,299	712,839	748,914
35-39	2,144,392	1,078,398	1,066,087	754,925	393,036	362,287	1,408,094	697,913	709,964
40-44	1,947,942	986,556	961,659	630,849	324,624	306,453	1,320,957	665,108	655,929
45-49	1,689,240	846,434	842,796	516,278	262,340	254,033	1,168,992	582,972	585,939
50-54	1,392,113	678,797	712,801	407,857	192,982	214,564	976,797	480,778	495,780
55-59	1,141,053	549,383	591,057	323,117	147,425	175,298	809,163	395,798	413,099
60-64	859,328	407,633	451,066	242,402	102,943	138,956	610,096	298,587	311,312
65-69	646,491	303,733	342,206	175,672	72,973	102,290	464,090	225,326	238,566
70-74	456,275	215,006	240,897	124,384	51,767	72,329	327,237	159,419	167,693
75-79	290,711	135,393	155,038	77,042	31,908	44,952	210,179	100,916	109,143
80+	222,686	100,106	122,267	68,325	26,002	42,098	153,901	72,777	81,007

Table A 7.7.4 a Projected Population Size of Oromia Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	27,829,305	14,007,117	13,822,188	3,510,669	1,766,999	1,743,670	24,318,636	12,240,118	12,078,518
0-4	4,901,453	2,486,977	2,414,475	364,128	181,236	182,892	4,536,979	2,305,561	2,231,417
5-9	4,377,796	2,217,311	2,160,486	430,879	213,756	217,122	3,946,752	2,003,465	1,943,289
10-14	3,693,415	1,868,227	1,825,188	472,000	234,193	237,808	3,221,424	1,634,032	1,587,391
15-19	3,107,294	1,563,320	1,543,973	455,044	227,074	227,970	2,652,335	1,336,287	1,316,048
20-24	2,527,462	1,250,200	1,277,262	413,387	208,273	205,114	2,114,204	1,041,996	1,072,208
25-29	2,059,612	1,010,143	1,049,469	350,003	177,641	172,362	1,709,731	832,570	877,162
30-34	1,625,155	798,486	826,669	266,178	138,028	128,149	1,359,061	660,509	698,552
35-39	1,297,328	640,554	656,774	204,968	107,434	97,533	1,092,416	533,156	559,261
40-44	1,020,038	512,179	507,859	147,103	77,825	69,278	872,960	434,372	438,588
45-49	811,297	411,474	399,823	110,166	58,253	51,913	701,142	353,229	347,912
50-54	634,835	320,753	314,082	81,717	41,765	39,954	553,120	278,990	274,129
55-59	503,229	254,800	248,429	62,243	30,828	31,415	440,984	223,971	217,014
60-64	403,780	206,804	196,975	48,981	23,385	25,596	354,796	183,416	171,380
65-69	311,242	161,567	149,675	37,376	17,370	20,007	273,863	144,193	129,670
70-74	224,825	118,898	105,926	27,029	12,319	14,710	197,794	106,576	91,217
75-79	140,134	76,638	63,495	17,635	7,986	9,649	122,499	68,650	53,848
80+	190,411	108,785	81,626	21,831	9,634	12,197	168,577	99,145	69,432

Table A7.6.4b Projected Population Size of Oromia Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	31,094,139	15,620,136	15,474,003	4,221,041	2,120,439	2,100,602	26,873,098	13,499,697	13,373,401
0-4	5,046,769	2,562,708	2,484,061	400,961	199,419	201,542	4,646,413	2,363,605	2,282,808
5-9	4,722,299	2,387,865	2,334,434	495,998	245,281	250,717	4,226,609	2,142,752	2,083,858
10-14	4,174,249	2,112,703	2,061,546	567,722	281,447	286,274	3,606,524	1,831,267	1,775,258
15-19	3,535,001	1,785,117	1,749,884	549,990	275,052	274,937	2,984,862	1,509,995	1,474,867
20-24	2,954,797	1,479,460	1,475,337	512,758	260,942	251,816	2,441,801	1,218,390	1,223,411
25-29	2,384,501	1,172,728	1,211,773	429,622	218,163	211,459	1,954,653	954,440	1,000,214
30-34	1,939,140	949,147	989,993	336,809	173,611	163,198	1,602,175	775,441	826,734
35-39	1,517,389	744,733	772,655	254,319	132,230	122,089	1,262,967	612,437	650,529
40-44	1,210,980	597,767	613,213	185,397	96,293	89,104	1,025,538	501,442	524,096
45-49	943,421	473,744	469,677	136,168	71,170	64,997	807,236	402,559	404,677
50-54	745,631	376,172	369,460	102,132	52,029	50,104	643,497	324,141	319,356
55-59	573,643	287,498	286,144	75,558	36,980	38,579	498,090	250,522	247,566
60-64	446,971	224,557	222,414	57,820	27,015	30,804	389,157	197,549	191,608
65-69	343,368	174,222	169,146	44,027	19,937	24,090	299,346	154,293	145,054
70-74	244,390	125,357	119,033	31,434	13,830	17,605	212,959	111,534	101,425
75-79	154,667	80,529	74,138	20,919	8,935	11,984	133,749	71,599	62,150
80+	156,924	85,828	71,095	19,407	8,105	11,302	137,521	77,730	59,789

Table A7.6.4c Projected Population Size of Oromia Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	35,466,785	17,788,033	17,678,752	5,353,740	2,685,118	2,668,622	30,113,045	15,102,915	15,010,130
0-4	5,367,235	2,726,302	2,640,933	471,317	234,083	237,235	4,890,772	2,489,524	2,401,247
5-9	4,886,457	2,472,925	2,413,531	565,638	279,492	286,146	4,318,207	2,192,009	2,126,198
10-14	4,666,311	2,356,691	2,309,620	697,047	344,247	352,799	3,969,152	2,012,270	1,956,884
15-19	4,133,093	2,089,175	2,043,918	704,671	352,139	352,532	3,429,649	1,737,595	1,692,055
20-24	3,487,477	1,755,754	1,731,722	661,898	337,915	323,983	2,827,636	1,418,946	1,408,690
25-29	2,906,171	1,450,592	1,455,579	572,442	294,146	278,296	2,335,760	1,157,588	1,178,172
30-34	2,339,688	1,147,925	1,191,763	444,431	228,951	215,480	1,896,643	919,820	976,824
35-39	1,897,217	926,194	971,023	347,840	179,423	168,417	1,550,310	747,373	802,937
40-44	1,477,922	723,304	754,618	247,890	127,359	120,531	1,230,409	596,221	634,188
45-49	1,172,126	576,260	595,866	185,457	94,743	90,712	986,799	481,634	505,165
50-54	903,896	451,063	452,833	135,945	68,369	67,576	767,944	382,699	385,245
55-59	703,342	351,820	351,522	101,803	49,646	52,157	601,473	302,122	299,351
60-64	527,760	261,471	266,289	75,114	34,542	40,571	452,577	226,854	225,723
65-69	392,719	194,332	198,387	55,504	24,436	31,067	337,157	169,822	167,337
70-74	279,651	139,252	140,398	39,706	16,889	22,818	239,907	122,300	117,605
75-79	175,945	88,003	87,942	26,330	10,733	15,598	149,611	77,232	72,380
80+	149,776	76,969	72,807	20,709	8,005	12,703	129,039	68,909	60,130

Table A7.6.4d Projected Population Size of Ethiopia by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	39,980,837	20,032,556	19,948,281	6,880,752	3,447,628	3,433,124	33,100,085	16,584,928	16,515,157
0-4	5,509,847	2,801,177	2,708,670	549,700	272,861	276,838	4,937,706	2,516,534	2,421,171
5-9	5,235,122	2,651,288	2,583,834	686,176	338,839	347,337	4,536,851	2,305,835	2,231,016
10-14	4,840,465	2,446,719	2,393,747	815,428	402,531	412,898	4,024,044	2,043,143	1,980,901
15-19	4,628,630	2,334,488	2,294,142	887,752	441,982	445,769	3,746,011	1,894,770	1,851,241
20-24	4,086,036	2,059,257	2,026,780	870,333	443,900	426,433	3,225,113	1,620,397	1,604,717
25-29	3,438,367	1,725,980	1,712,388	759,527	391,514	368,013	2,688,287	1,339,785	1,348,502
30-34	2,858,923	1,423,657	1,435,265	609,822	317,761	292,061	2,255,734	1,109,992	1,145,741
35-39	2,296,041	1,123,562	1,172,479	472,817	243,746	229,070	1,827,597	882,653	944,945
40-44	1,854,222	902,724	951,498	349,853	178,380	171,472	1,506,100	725,640	780,461
45-49	1,436,065	700,259	735,806	255,882	129,385	126,499	1,180,675	571,374	609,300
50-54	1,127,991	551,365	576,626	191,273	94,063	97,210	936,557	457,256	479,302
55-59	857,205	424,358	432,847	140,043	67,485	72,560	716,740	356,561	360,179
60-64	651,617	322,410	329,207	104,693	48,052	56,641	546,504	273,939	272,565
65-69	468,243	228,584	239,659	74,814	32,452	42,361	393,104	195,745	197,361
70-74	324,335	157,556	166,780	52,158	21,586	30,572	271,971	135,659	136,313
75-79	205,279	99,738	105,541	34,815	13,740	21,076	170,435	85,805	84,629
80+	162,448	79,436	83,013	25,666	9,352	16,313	136,653	69,841	66,814

Table 7.7.4e Projected Population Size of Oromia Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	44,480,825	22,275,724	22,205,101	8,767,253	4,390,586	4,376,667	35,713,572	17,885,138	17,828,434
0-4	5,520,222	2,809,541	2,710,681	627,443	311,405	316,039	4,827,420	2,463,746	2,363,674
5-9	5,406,898	2,741,583	2,665,315	805,576	397,801	407,774	4,564,410	2,323,551	2,240,858
10-14	5,197,095	2,629,015	2,568,080	992,527	489,754	502,773	4,200,052	2,135,227	2,064,824
15-19	4,807,625	2,427,618	2,380,007	1,043,566	519,497	524,069	3,777,678	1,913,940	1,863,737
20-24	4,580,719	2,305,393	2,275,327	1,102,526	560,640	541,887	3,506,524	1,759,828	1,746,695
25-29	4,034,977	2,028,912	2,006,065	1,006,633	518,783	487,850	3,058,332	1,526,998	1,531,334
30-34	3,390,474	1,698,030	1,692,444	817,356	427,332	390,024	2,594,273	1,283,844	1,310,429
35-39	2,813,559	1,397,167	1,416,392	655,479	341,909	313,570	2,172,400	1,064,697	1,107,703
40-44	2,251,508	1,098,628	1,152,880	480,911	245,229	235,683	1,775,866	857,470	918,396
45-49	1,808,608	877,336	931,272	365,008	183,282	181,726	1,444,810	695,524	749,287
50-54	1,387,984	673,035	714,950	266,795	129,956	136,840	1,120,227	542,696	577,532
55-59	1,075,407	521,559	553,848	199,368	93,954	105,414	874,251	426,350	447,901
60-64	799,608	391,624	407,984	145,839	66,165	79,674	652,099	323,895	328,205
65-69	583,345	284,466	298,880	105,747	45,805	59,943	476,288	237,205	239,084
70-74	391,818	187,841	203,977	71,605	29,199	42,405	319,415	157,531	161,884
75-79	242,465	115,001	127,464	46,807	17,974	28,834	195,518	96,361	99,157
80+	188,513	88,976	99,537	34,066	11,902	22,163	154,009	76,274	77,735

Table A 7.7.4f Projected Population Size of Oromia Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	48,884,490	24,474,239	24,410,251	11,001,574	5,507,987	5,493,587	37,882,916	18,966,252	18,916,664
0-4	5,463,999	2,783,346	2,680,654	707,002	350,936	356,065	4,640,153	2,370,831	2,269,324
5-9	5,444,758	2,765,021	2,679,737	921,362	455,372	465,990	4,455,439	2,272,339	2,183,101
10-14	5,377,537	2,723,837	2,653,700	1,163,289	574,393	588,898	4,203,755	2,140,812	2,062,942
15-19	5,168,868	2,612,225	2,556,643	1,268,780	631,649	637,130	3,923,675	1,990,358	1,933,317
20-24	4,766,277	2,402,231	2,364,045	1,295,326	658,867	636,459	3,520,726	1,769,796	1,750,929
25-29	4,532,204	2,276,440	2,255,764	1,275,886	655,951	619,935	3,313,524	1,652,597	1,660,926
30-34	3,986,991	2,000,458	1,986,533	1,085,256	567,487	517,769	2,943,756	1,459,188	1,484,568
35-39	3,344,530	1,670,506	1,674,024	880,409	461,010	419,399	2,492,671	1,228,510	1,264,161
40-44	2,766,331	1,370,029	1,396,302	668,721	345,347	323,376	2,107,927	1,032,957	1,074,968
45-49	2,202,784	1,071,347	1,131,437	503,254	252,982	250,272	1,701,209	821,019	880,190
50-54	1,754,036	846,537	907,499	381,888	184,950	196,938	1,369,272	660,343	708,930
55-59	1,328,919	639,723	689,196	279,242	130,502	148,740	1,045,243	506,210	539,033
60-64	1,008,938	484,343	524,596	208,863	92,735	116,128	796,006	387,971	408,036
65-69	721,399	348,373	373,026	148,379	63,603	84,776	569,896	281,462	288,434
70-74	493,483	236,515	256,968	102,209	41,701	60,507	389,295	192,237	197,059
75-79	297,649	139,501	158,149	65,200	24,728	40,472	232,049	113,283	118,768
80+	225,787	103,808	121,978	46,506	15,773	30,733	178,318	86,338	91,978

**Table A7.6.4g Projected Population Size of Oromia Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	53,120,790	26,591,626	26,529,164	13,561,903	6,788,925	6,772,978	39,558,887	19,802,701	19,756,186
0-4	5,377,730	2,742,656	2,635,073	788,471	391,752	396,718	4,412,513	2,257,627	2,154,885
5-9	5,406,702	2,749,518	2,657,185	1,034,570	511,947	522,623	4,267,569	2,180,111	2,087,459
10-14	5,421,704	2,750,941	2,670,764	1,322,979	654,277	668,703	4,080,218	2,082,135	1,998,084
15-19	5,353,349	2,709,304	2,644,045	1,480,078	737,693	742,386	3,907,548	1,985,521	1,922,027
20-24	5,130,732	2,588,705	2,542,027	1,568,435	798,148	770,286	3,640,480	1,832,059	1,808,421
25-29	4,723,214	2,376,603	2,346,611	1,494,916	769,268	725,648	3,315,711	1,656,479	1,659,232
30-34	4,485,381	2,248,649	2,236,732	1,373,179	716,728	656,450	3,181,163	1,575,055	1,606,108
35-39	3,939,716	1,971,868	1,967,848	1,167,106	611,675	555,431	2,821,382	1,392,928	1,428,454
40-44	3,295,030	1,641,723	1,653,307	897,536	465,741	431,794	2,414,521	1,190,075	1,224,446
45-49	2,712,681	1,339,461	1,373,220	698,989	356,264	342,726	2,015,637	987,520	1,028,116
50-54	2,142,126	1,036,830	1,105,295	526,082	255,386	270,695	1,609,751	778,625	831,125
55-59	1,685,203	807,621	877,582	399,641	185,884	213,756	1,276,310	615,597	660,713
60-64	1,252,768	597,019	655,749	292,839	129,054	163,785	951,765	460,899	490,866
65-69	916,587	433,708	482,880	213,222	89,438	123,784	697,080	337,832	359,248
70-74	616,528	292,393	324,135	144,303	58,250	86,053	468,264	229,184	239,080
75-79	380,509	178,063	202,445	94,014	35,662	58,352	285,548	139,438	146,109
80+	280,830	126,563	154,267	65,543	21,756	43,786	213,426	101,615	111,812

Table A7.6.5a Projected Population Size of Somali Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4,514,746	2,535,330	1,979,416	633,193	355,580	277,613	3,881,553	2,179,750	1,701,803
0-4	586,730	313,264	273,463	82,242	44,494	37,747	504,488	268,770	235,714
5-9	562,327	314,346	247,980	78,615	44,105	34,510	483,712	270,241	213,470
10-14	614,709	354,611	260,099	85,058	48,862	36,196	529,649	305,748	223,902
15-19	579,289	334,419	244,872	80,512	46,435	34,078	498,776	287,983	210,794
20-24	477,327	267,442	209,885	68,126	38,636	29,491	409,203	228,809	180,394
25-29	389,349	211,572	177,777	57,843	32,255	25,588	331,513	179,322	152,191
30-34	293,344	148,824	144,516	42,865	23,038	19,826	250,483	125,791	124,689
35-39	229,622	112,012	117,606	33,750	17,951	15,799	195,875	94,066	101,805
40-44	190,692	95,903	94,786	27,547	14,642	12,906	163,147	81,264	81,879
45-49	154,170	80,678	73,492	21,701	11,619	10,083	132,469	69,060	63,409
50-54	115,330	65,620	49,710	16,730	9,516	7,213	98,602	56,104	42,498
55-59	85,178	51,725	33,454	12,530	7,436	5,094	72,649	44,289	28,361
60-64	59,710	38,555	21,155	8,407	5,316	3,092	51,303	33,239	18,063
65-69	41,696	28,251	13,446	6,242	4,226	2,016	35,455	24,026	11,430
70-74	27,874	19,525	8,349	5,443	3,403	2,040	22,434	16,124	6,311
75-79	13,505	9,184	4,321	2,973	1,917	1,056	10,535	7,268	3,267
80+	93,893	89,398	4,504	2,610	1,731	879	91,262	87,645	3,626

Table A7.6.5b Projected Population Size of Somali Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	5,026,830	2,758,404	2,268,426	716,072	392,935	323,137	4,310,758	2,365,469	1,945,289
0-4	837,494	424,596	412,892	117,922	60,060	57,862	719,566	364,535	355,026
5-9	510,109	276,563	233,546	71,642	38,645	32,996	438,464	237,915	200,548
10-14	573,334	323,437	249,898	79,693	44,386	35,308	493,634	279,045	214,590
15-19	608,611	351,844	256,771	84,934	48,657	36,278	523,671	303,182	220,492
20-24	552,751	317,356	235,397	79,235	45,656	33,579	473,518	271,701	201,818
25-29	447,582	248,148	199,434	66,810	37,669	29,140	380,784	210,488	170,297
30-34	364,477	195,809	168,667	53,674	30,180	23,494	310,810	165,638	145,171
35-39	270,605	134,770	135,833	40,031	21,503	18,528	230,580	113,276	117,302
40-44	215,378	104,869	110,508	31,218	15,942	15,276	184,162	88,931	95,230
45-49	178,291	90,097	88,194	25,206	12,922	12,285	153,084	77,175	75,908
50-54	140,918	74,118	66,799	20,544	10,704	9,840	120,376	63,415	56,960
55-59	102,727	59,120	43,607	15,204	8,464	6,740	87,525	50,656	36,869
60-64	74,082	45,074	29,007	10,493	6,189	4,303	63,589	38,884	24,705
65-69	49,265	31,906	17,360	7,394	4,752	2,642	41,872	27,155	14,718
70-74	32,134	21,657	10,478	6,351	3,756	2,595	25,790	17,903	7,887
75-79	18,005	12,276	5,729	3,967	2,548	1,419	14,044	9,731	4,313
80+	51,067	46,763	4,305	1,756	903	852	49,291	45,839	3,454

Table A7.6.5c Projected Population Size of Somali Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	5,748,462	3,093,885	2,654,577	838,126	451,089	387,037	4,910,336	2,642,796	2,267,540
0-4	909,313	461,437	447,874	130,149	66,012	64,137	779,128	395,406	383,720
5-9	811,486	409,770	401,713	115,907	57,910	57,996	695,544	351,833	343,709
10-14	503,191	272,507	230,684	71,128	37,824	33,305	432,030	234,655	197,375
15-19	565,616	318,892	246,726	80,222	44,602	35,621	485,362	274,262	211,100
20-24	596,597	344,214	252,385	86,868	50,080	36,788	509,728	294,133	215,597
25-29	540,226	309,151	231,076	81,952	47,455	34,498	458,320	261,731	196,590
30-34	437,484	241,693	195,792	65,535	37,666	27,869	371,974	204,061	167,913
35-39	355,904	190,528	165,376	53,787	30,735	23,053	302,145	159,836	142,308
40-44	263,263	130,585	132,677	38,815	20,072	18,743	224,454	110,528	113,925
45-49	208,448	100,984	107,462	29,943	14,647	15,296	178,498	86,336	92,161
50-54	170,801	85,698	85,102	25,325	12,516	12,809	145,482	73,182	72,299
55-59	132,917	69,287	63,630	20,080	10,032	10,048	112,847	59,254	53,593
60-64	94,451	53,790	40,661	13,634	7,470	6,164	80,815	46,315	34,500
65-69	65,020	39,056	25,964	9,920	5,882	4,036	55,107	33,177	21,931
70-74	40,071	25,577	14,496	8,147	4,484	3,662	31,958	21,104	10,856
75-79	23,077	15,276	7,800	5,174	3,203	1,971	17,929	12,087	5,841
80+	30,598	25,440	5,159	1,541	499	1,043	29,015	24,895	4,121

Table A7.6.5d Projected Population Size of Somali Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	6,506,235	3,454,673	3,051,562	979,189	519,929	459,260	5,527,046	2,934,744	2,592,302
0-4	941,300	478,039	463,258	138,612	70,282	68,330	802,604	407,712	394,890
5-9	887,003	448,520	438,481	130,347	65,146	65,202	756,570	383,309	373,258
10-14	802,713	404,799	397,912	116,918	57,750	59,169	685,689	346,963	338,724
15-19	496,883	268,932	227,951	72,556	38,661	33,896	424,266	230,222	194,044
20-24	555,083	312,341	242,744	83,141	46,700	36,441	471,931	265,633	206,300
25-29	584,319	336,102	248,220	91,171	53,008	38,163	493,237	283,160	210,079
30-34	529,392	301,984	227,410	81,692	48,352	33,341	447,755	253,712	194,045
35-39	428,394	235,889	192,507	66,729	39,088	27,641	361,727	196,898	164,829
40-44	347,335	185,300	162,034	52,842	29,264	23,578	294,508	156,074	138,434
45-49	255,709	126,276	129,432	37,799	18,822	18,976	217,892	107,449	110,443
50-54	200,553	96,501	104,052	30,611	14,483	16,128	169,954	82,017	87,936
55-59	161,962	80,553	81,408	25,222	11,986	13,236	136,763	68,563	68,200
60-64	123,170	63,488	59,681	18,379	9,062	9,317	104,787	54,413	50,374
65-69	83,742	47,037	36,705	13,156	7,279	5,876	70,601	39,763	30,839
70-74	53,662	31,725	21,938	11,405	5,711	5,693	42,348	26,040	16,309
75-79	29,366	18,383	10,983	6,806	3,955	2,851	22,625	14,460	8,165
80+	25,649	18,805	6,845	1,803	380	1,423	23,791	18,358	5,433

**Table A7.6.5e Projected Population Size of Somali Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	7,253,826	3,813,574	3,440,252	1,132,685	595,490	537,195	6,121,141	3,218,084	2,903,057
0-4	937,082	476,231	460,850	142,927	72,592	70,335	793,998	403,557	390,439
5-9	923,054	467,260	455,791	140,495	70,367	70,127	782,390	396,773	385,616
10-14	879,013	443,918	435,092	132,609	65,667	66,942	746,188	378,082	368,104
15-19	794,623	400,313	394,306	120,335	59,668	60,667	674,114	340,514	333,597
20-24	487,814	263,522	224,295	75,686	40,847	34,839	412,106	222,661	189,447
25-29	544,299	305,331	238,971	87,924	49,913	38,012	456,511	255,522	200,991
30-34	573,761	329,014	244,751	91,728	54,599	37,130	482,132	274,564	207,571
35-39	519,635	295,513	224,126	84,048	50,746	33,303	435,721	244,980	190,745
40-44	419,220	230,109	189,113	66,141	37,667	28,475	353,111	192,522	160,589
45-49	338,345	179,836	158,509	51,837	27,790	24,047	286,462	152,033	134,430
50-54	246,896	121,190	125,704	39,014	18,856	20,158	207,904	102,332	105,571
55-59	191,059	91,149	99,909	30,862	14,061	16,802	160,244	77,080	83,162
60-64	150,999	74,261	76,737	23,384	10,991	12,392	127,607	63,242	64,364
65-69	110,219	55,965	54,255	17,963	8,978	8,985	92,291	46,998	45,294
70-74	69,982	38,637	31,344	15,601	7,206	8,395	54,597	31,486	23,112
75-79	40,035	23,177	16,859	9,677	5,161	4,516	30,517	18,087	12,430
80+	27,788	18,149	9,640	2,452	381	2,071	25,249	17,654	7,595

**Table A7.6.5f Projected Population Size of Somali Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	7,994,812	4,170,721	3,824,091	1,306,353	681,496	624,857	6,688,459	3,489,225	3,199,234
0-4	944,160	480,177	463,981	150,415	76,643	73,772	793,482	403,411	390,070
5-9	922,831	467,610	455,219	146,707	73,744	72,963	775,847	393,685	382,160
10-14	916,074	463,163	452,909	144,347	71,753	72,593	771,364	391,143	380,220
15-19	871,097	439,467	431,627	137,781	68,599	69,182	733,006	370,650	362,354
20-24	782,941	393,392	389,546	126,877	63,846	63,030	655,993	329,517	326,473
25-29	478,542	257,624	220,920	80,685	44,084	36,602	398,026	213,676	184,352
30-34	535,200	299,240	235,964	89,269	51,977	37,294	446,055	247,473	198,583
35-39	564,284	322,605	241,684	95,390	57,974	37,417	469,111	264,989	204,127
40-44	509,675	289,005	220,672	84,137	49,520	34,618	425,596	239,641	185,957
45-49	409,415	223,973	185,444	65,548	36,239	29,310	343,775	187,710	156,067
50-54	327,549	173,192	154,358	53,995	28,214	25,781	273,586	144,973	128,615
55-59	236,074	114,964	121,107	39,778	18,570	21,208	196,378	96,380	99,996
60-64	179,088	84,476	94,612	29,008	13,094	15,913	150,063	71,333	78,730
65-69	136,099	65,897	70,201	23,174	11,067	12,106	112,988	54,851	58,138
70-74	93,175	46,413	46,761	22,058	9,054	13,002	71,581	37,459	34,124
75-79	53,038	28,607	24,432	13,451	6,657	6,794	39,913	22,085	17,829
80+	35,570	20,916	14,654	3,735	462	3,273	31,694	20,253	11,441

**Table A7.6.5g Projected Population Size of Somali Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	8,769,106	4,545,918	4,223,188	1,510,917	783,261	727,656	7,258,189	3,762,657	3,495,532
0-4	999,136	508,590	490,544	167,426	85,660	81,766	831,276	422,749	408,526
5-9	931,994	472,841	459,150	155,838	78,691	77,147	775,720	393,895	381,822
10-14	916,615	463,973	452,641	151,914	75,860	76,053	764,149	387,738	376,410
15-19	908,408	458,861	449,546	151,125	75,591	75,534	756,788	382,952	373,836
20-24	859,194	432,395	426,799	146,432	74,043	72,389	712,615	358,309	354,304
25-29	770,838	385,871	384,965	136,491	69,644	66,847	634,684	316,517	318,165
30-34	470,923	252,597	218,327	82,449	46,273	36,176	388,595	206,576	182,019
35-39	527,101	293,804	233,302	93,542	55,671	37,870	433,810	238,596	195,218
40-44	554,446	316,101	238,350	96,328	57,128	39,201	458,192	259,217	198,978
45-49	498,768	281,952	216,819	84,060	48,135	35,926	414,535	233,776	180,762
50-54	397,278	216,264	181,016	68,856	37,171	31,685	328,459	179,085	149,376
55-59	314,025	164,842	149,183	55,465	28,094	27,371	258,685	136,720	121,965
60-64	222,255	107,052	115,202	37,819	17,512	20,306	184,392	89,454	94,937
65-69	162,528	75,395	87,132	29,102	13,357	15,745	133,527	62,072	71,454
70-74	116,182	55,075	61,106	29,058	11,323	17,735	87,954	43,920	44,032
75-79	71,766	34,756	37,010	19,252	8,511	10,742	53,146	26,476	26,669
80+	47,648	25,551	22,098	5,761	598	5,162	41,663	24,603	17,060

Table A 7.6.6a Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	812,394	412,700	399,694	123,730	62,856	60,874	688,664	349,844	338,820
0-4	134,232	68,687	65,545	14,988	7,544	7,444	119,274	61,158	58,115
5-9	121,805	62,066	59,739	16,091	7,832	8,260	105,727	54,243	51,484
10-14	106,455	53,820	52,635	16,611	7,923	8,688	89,842	45,898	43,943
15-19	92,925	46,482	46,443	15,900	7,625	8,275	77,016	38,854	38,161
20-24	79,482	39,106	40,376	14,715	7,219	7,497	64,753	31,880	32,871
25-29	66,255	32,506	33,750	12,535	6,300	6,235	53,706	26,198	27,509
30-34	52,363	25,822	26,541	9,618	5,120	4,498	42,737	20,695	22,041
35-39	41,580	20,789	20,791	7,377	4,055	3,322	34,198	16,729	17,469
40-44	31,481	16,221	15,260	5,068	2,907	2,161	26,412	13,312	13,100
45-49	24,235	12,799	11,437	3,516	2,086	1,429	20,720	10,712	10,009
50-54	18,077	9,734	8,342	2,363	1,402	960	15,716	8,333	7,384
55-59	13,608	7,440	6,168	1,639	925	714	11,972	6,517	5,455
60-64	10,152	5,661	4,491	1,167	692	476	8,987	4,970	4,016
65-69	7,398	4,183	3,214	812	458	354	6,587	3,726	2,861
70-74	5,036	2,942	2,094	579	341	239	4,457	2,601	1,856
75-79	3,079	1,864	1,216	335	220	115	2,745	1,644	1,101
80+	4,230	2,578	1,652	415	208	209	3,816	2,372	1,444

Table A 7.6.6b Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	918,321	466,149	452,172	165,313	83,915	81,398	753,008	382,234	370,774
0-4	141,402	72,016	69,386	18,733	9,356	9,378	122,806	62,733	60,072
5-9	129,943	66,407	63,535	20,267	9,873	10,394	109,739	56,576	53,162
10-14	117,946	59,928	58,018	21,605	10,345	11,261	96,333	49,592	46,741
15-19	104,962	52,726	52,237	21,013	10,102	10,912	83,906	42,612	41,294
20-24	93,071	46,331	46,741	20,097	9,941	10,156	72,907	36,358	36,549
25-29	78,955	39,176	39,780	17,410	8,807	8,602	61,480	30,333	31,149
30-34	63,930	31,765	32,167	13,701	7,297	6,404	50,185	24,436	25,751
35-39	49,504	24,632	24,872	10,250	5,571	4,679	39,226	19,038	20,190
40-44	38,958	19,652	19,307	7,332	4,099	3,232	31,620	15,542	16,079
45-49	28,895	14,993	13,902	4,917	2,854	2,062	23,984	12,135	11,848
50-54	22,146	11,722	10,423	3,410	1,982	1,428	18,748	9,743	9,004
55-59	16,130	8,674	7,455	2,297	1,272	1,025	13,844	7,408	6,436
60-64	11,861	6,443	5,418	1,613	928	684	10,259	5,519	4,740
65-69	8,389	4,643	3,746	1,092	601	492	7,306	4,047	3,258
70-74	5,597	3,128	2,468	763	429	334	4,839	2,702	2,136
75-79	3,284	1,894	1,389	422	264	157	2,865	1,632	1,234
80+	3,348	2,018	1,329	393	193	199	2,960	1,828	1,131

Table A 7.6.6c Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,065,334	540,051	525,283	229,993	116,591	113,402	835,341	423,460	411,881
0-4	150,356	76,591	73,764	24,009	11,950	12,060	126,302	64,617	61,683
5-9	139,079	70,628	68,450	26,020	12,559	13,462	113,038	58,055	54,981
10-14	130,294	66,418	63,874	28,443	13,640	14,805	101,852	52,775	49,075
15-19	120,442	60,794	59,649	28,630	13,798	14,833	91,826	46,999	44,827
20-24	109,977	54,868	55,112	28,106	13,877	14,230	81,894	41,001	40,894
25-29	97,203	48,748	48,456	25,343	12,890	12,453	71,883	35,870	36,014
30-34	80,227	40,302	39,925	20,360	10,878	9,482	59,883	29,436	30,448
35-39	63,712	31,887	31,826	15,640	8,480	7,159	48,082	23,416	24,669
40-44	48,860	24,442	24,420	10,929	6,018	4,911	37,933	18,428	19,507
45-49	37,867	19,118	18,749	7,670	4,313	3,356	30,194	14,806	15,390
50-54	27,776	14,393	13,382	5,114	2,897	2,217	22,657	11,495	11,161
55-59	20,926	11,016	9,909	3,580	1,932	1,648	17,341	9,081	8,259
60-64	14,762	7,845	6,915	2,411	1,353	1,059	12,347	6,490	5,854
65-69	10,295	5,513	4,781	1,617	857	759	8,675	4,655	4,021
70-74	6,645	3,610	3,034	1,090	593	497	5,554	3,016	2,537
75-79	3,847	2,095	1,752	591	350	241	3,255	1,745	1,510
80+	3,066	1,782	1,284	439	206	231	2,626	1,575	1,052

Table A 7.6.6d Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,219,017	618,351	600,666	305,374	154,902	150,472	913,643	463,449	450,194
0-4	155,724	79,399	76,325	28,986	14,387	14,601	126,133	64,680	61,451
5-9	148,864	75,687	73,177	32,338	15,580	16,760	116,227	59,903	56,322
10-14	139,931	70,972	68,959	35,323	16,804	18,521	104,624	54,109	50,513
15-19	133,186	67,565	65,620	36,488	17,627	18,863	96,887	49,981	46,903
20-24	125,911	63,322	62,590	36,995	18,339	18,657	89,245	45,132	44,113
25-29	114,555	57,703	56,852	34,314	17,443	16,870	80,580	40,441	40,141
30-34	98,700	50,104	48,596	28,813	15,448	13,361	70,134	34,831	35,307
35-39	80,035	40,474	39,561	22,626	12,302	10,321	57,565	28,303	29,264
40-44	62,994	31,686	31,308	16,272	8,942	7,328	46,752	22,805	23,949
45-49	47,676	23,879	23,797	11,167	6,194	4,973	36,462	17,698	18,765
50-54	36,536	18,430	18,106	7,787	4,278	3,508	28,666	14,131	14,536
55-59	26,391	13,616	12,774	5,251	2,765	2,485	21,057	10,812	10,246
60-64	19,284	10,045	9,239	3,664	2,007	1,658	15,550	8,007	7,541
65-69	12,947	6,792	6,155	2,371	1,226	1,145	10,523	5,537	4,986
70-74	8,286	4,359	3,925	1,582	830	752	6,674	3,513	3,160
75-79	4,671	2,477	2,195	835	479	356	3,815	1,990	1,828
80+	3,326	1,841	1,486	562	250	313	2,748	1,579	1,169

Table A 7.6.6e Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,379,599	700,022	679,577	398,477	202,191	196,286	981,122	497,831	483,291
0-4	158,949	80,786	78,162	34,399	16,940	17,461	123,205	63,099	60,104
5-9	155,970	79,056	76,915	39,234	18,769	20,469	116,056	59,812	56,242
10-14	150,746	76,389	74,356	43,854	20,774	23,084	106,928	55,464	51,459
15-19	142,695	72,602	70,092	44,913	21,684	23,232	98,214	51,001	47,209
20-24	137,338	70,761	66,574	46,220	23,372	22,848	91,883	47,732	44,149
25-29	130,162	66,784	63,376	44,643	22,984	21,657	86,343	44,232	42,111
30-34	116,866	59,385	57,480	39,085	20,829	18,252	78,404	38,986	39,421
35-39	99,411	50,383	49,028	32,234	17,431	14,801	67,588	33,289	34,302
40-44	80,010	40,284	39,727	23,777	12,978	10,796	56,311	27,463	28,851
45-49	62,358	31,051	31,308	16,845	9,222	7,621	45,377	21,858	23,521
50-54	46,746	23,119	23,630	11,515	6,169	5,345	34,999	16,890	18,112
55-59	35,304	17,517	17,788	8,144	4,105	4,039	26,920	13,300	13,621
60-64	24,830	12,510	12,320	5,470	2,885	2,585	19,161	9,540	9,622
65-69	17,338	8,776	8,562	3,694	1,834	1,861	13,491	6,861	6,630
70-74	10,775	5,450	5,325	2,390	1,200	1,192	8,301	4,206	4,093
75-79	6,076	3,052	3,025	1,258	682	575	4,761	2,347	2,415
80+	4,024	2,116	1,908	801	333	469	3,181	1,750	1,430

Table A 7.6.6f Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,542,003	782,551	759,452	509,573	258,603	250,970	1,032,430	523,948	508,482
0-4	159,994	81,362	78,631	39,942	19,602	20,343	117,513	60,330	57,180
5-9	159,969	80,860	79,110	46,277	21,997	24,284	112,399	57,935	54,461
10-14	158,321	80,022	78,301	52,769	24,852	27,924	105,641	54,857	50,779
15-19	153,938	78,264	75,673	55,374	26,624	28,755	99,448	51,790	47,654
20-24	147,448	76,223	71,220	56,578	28,588	27,992	92,411	48,303	44,103
25-29	142,241	74,672	67,561	55,589	29,143	26,443	88,337	46,406	41,926
30-34	132,994	68,741	64,249	50,750	27,324	23,420	83,580	42,322	41,259
35-39	117,912	59,747	58,166	43,627	23,437	20,187	75,201	37,035	38,168
40-44	99,582	50,173	49,410	33,854	18,369	15,481	65,914	32,155	33,763
45-49	79,397	39,546	39,853	24,597	13,380	11,214	54,478	26,228	28,255
50-54	61,257	30,114	31,146	17,339	9,180	8,157	43,348	20,783	22,570
55-59	45,318	22,053	23,268	12,039	5,924	6,116	32,703	15,861	16,843
60-64	33,351	16,178	17,176	8,456	4,277	4,179	24,392	11,691	12,704
65-69	22,483	11,013	11,471	5,532	2,643	2,888	16,578	8,174	8,406
70-74	14,577	7,123	7,455	3,731	1,799	1,931	10,633	5,215	5,420
75-79	8,034	3,883	4,152	1,912	996	916	5,976	2,831	3,146
80+	5,186	2,577	2,609	1,208	469	740	3,878	2,034	1,845

Table A 7.6.6g Projected Population Size of Benshangul Gumz Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	1,706,940	866,195	840,745	639,657	324,597	315,060	1,067,283	541,598	525,685
0-4	161,640	82,195	79,444	46,245	22,622	23,627	111,559	57,383	54,172
5-9	161,778	81,858	79,921	53,442	25,366	28,082	106,413	55,070	51,338
10-14	162,859	82,115	80,745	61,755	28,946	32,817	101,298	52,680	48,613
15-19	162,153	82,305	79,849	66,194	31,694	34,508	97,412	50,839	46,569
20-24	159,542	82,508	77,027	69,308	34,916	34,392	92,784	48,662	44,115
25-29	153,226	80,773	72,442	67,740	35,521	32,215	88,249	46,658	41,584
30-34	145,651	76,955	68,686	62,969	34,444	28,515	84,929	44,012	40,914
35-39	134,464	69,224	65,236	56,422	30,591	25,824	79,658	39,878	39,781
40-44	118,380	59,551	58,832	45,713	24,621	21,087	73,030	35,547	37,488
45-49	99,075	49,316	49,763	34,959	18,890	16,065	63,536	30,536	33,007
50-54	78,208	38,410	39,803	25,279	13,298	11,980	51,851	24,819	27,037
55-59	59,554	28,782	30,777	18,104	8,809	9,296	40,322	19,444	20,882
60-64	43,006	20,451	22,561	12,481	6,165	6,318	29,552	13,885	15,671
65-69	30,373	14,320	16,057	8,577	3,928	4,650	21,045	10,007	11,041
70-74	19,100	9,021	10,082	5,601	2,600	3,003	13,081	6,212	6,871
75-79	11,020	5,140	5,882	3,002	1,504	1,498	7,716	3,523	4,195
80+	6,910	3,272	3,639	1,868	684	1,183	4,849	2,443	2,407

Table A7.6.7a Projected Population Size of SNNPR by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	15,349,302	15,349,302	7,629,509	7,719,793	1,888,728	938,809	7,629,509	13,460,574	6,690,700
0-4	2,659,668	2,659,668	1,343,444	1,316,224	208,144	100,298	107,847	2,470,605	1,253,559
5-9	2,404,895	2,404,895	1,209,902	1,194,993	244,992	117,962	127,030	2,168,061	1,096,892
10-14	2,044,653	2,044,653	1,024,684	1,019,969	265,186	128,135	137,052	1,777,290	896,221
15-19	1,728,402	1,728,402	858,155	870,247	252,605	123,345	129,259	1,469,402	731,967
20-24	1,410,617	1,410,617	682,564	728,053	225,942	112,266	113,676	1,176,287	565,768
25-29	1,158,644	1,158,644	552,310	606,333	189,034	94,853	94,181	962,167	453,150
30-34	933,262	933,262	443,149	490,113	142,093	73,345	68,749	786,803	366,790
35-39	753,530	753,530	359,397	394,133	108,094	56,694	51,400	642,974	300,705
40-44	596,603	596,603	292,331	304,271	75,965	40,507	35,458	520,229	251,097
45-49	469,364	469,364	234,522	234,842	55,004	29,640	25,363	414,801	204,757
50-54	348,377	348,377	176,153	172,225	38,171	20,161	18,010	310,958	156,235
55-59	261,824	261,824	134,332	127,493	26,990	13,978	13,013	235,671	120,763
60-64	195,187	195,187	101,775	93,412	19,466	9,685	9,781	176,450	92,545
65-69	142,495	142,495	75,993	66,502	13,643	6,574	7,068	129,476	69,863
70-74	98,669	98,669	54,509	44,160	9,340	4,379	4,962	89,777	50,503
75-79	60,702	60,702	35,588	25,114	5,876	2,823	3,053	55,082	33,014
80+	82,410	82,410	50,702	31,708	8,182	4,164	4,018	74,542	46,870

**Table A7.6.7b Projected Population Size of SNNPR by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	16,976,904	8,422,812	8,554,092	2,419,187	1,200,240	1,218,947	14,557,717	7,222,572	7,335,145
0-4	2,625,957	1,330,021	1,295,936	238,362	114,968	123,394	2,413,283	1,229,152	1,184,130
5-9	2,572,950	1,292,947	1,280,003	302,368	145,162	157,206	2,282,736	1,155,175	1,127,562
10-14	2,292,243	1,151,793	1,140,449	340,652	164,776	175,876	1,948,941	986,894	962,046
15-19	1,950,116	975,323	974,794	325,296	159,674	165,623	1,615,855	811,736	804,119
20-24	1,631,712	805,075	826,637	297,470	150,093	147,378	1,321,959	648,293	673,665
25-29	1,321,194	633,057	688,138	245,098	123,024	122,074	1,065,349	503,828	561,523
30-34	1,087,970	515,852	572,118	188,729	96,751	91,977	892,869	414,705	478,164
35-39	871,223	412,173	459,050	142,588	73,815	68,773	725,148	335,506	389,642
40-44	701,546	334,365	367,181	102,153	52,837	49,317	598,980	280,547	318,433
45-49	550,143	269,864	280,279	73,967	39,008	34,960	477,013	230,752	246,261
50-54	427,074	212,395	214,679	53,828	27,881	25,948	374,575	184,966	189,609
55-59	309,533	155,584	153,949	36,785	18,614	18,172	274,132	137,643	136,490
60-64	228,895	116,565	112,330	26,375	12,781	13,594	203,700	104,508	99,192
65-69	162,630	83,999	78,631	18,046	8,390	9,656	145,553	76,286	69,268
70-74	110,182	58,142	52,040	12,146	5,400	6,745	98,708	53,287	45,422
75-79	66,744	36,403	30,340	7,584	3,340	4,245	59,524	33,413	26,110
80+	66,792	39,256	27,537	7,738	3,727	4,012	59,390	35,883	23,509

**Table A7.6.7c Projected Population Size of SNNPR by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	19,170,830	9,500,056	9,670,774	3,178,471	1,575,083	1,603,388	15,992,359	7,924,973	8,067,386
0-4	2,810,085	1,424,818	1,385,267	298,135	143,626	154,509	2,544,764	1,299,305	1,245,460
5-9	2,528,059	1,274,958	1,253,101	345,071	165,929	179,142	2,197,477	1,117,919	1,079,557
10-14	2,533,276	1,271,286	1,261,990	434,250	209,332	224,918	2,096,241	1,062,236	1,034,005
15-19	2,257,143	1,133,224	1,123,919	432,430	212,529	219,901	1,813,329	915,875	897,454
20-24	1,905,008	950,051	954,957	397,541	201,854	195,687	1,491,487	739,525	751,963
25-29	1,588,050	779,537	808,513	337,220	172,334	164,886	1,236,370	598,775	637,595
30-34	1,286,778	613,305	673,472	256,000	131,058	124,941	1,022,435	476,501	545,933
35-39	1,058,959	499,753	559,206	199,084	102,167	96,917	855,276	393,809	461,467
40-44	844,600	397,681	446,919	141,770	72,083	69,687	702,490	324,395	378,095
45-49	676,573	320,634	355,939	104,981	53,326	51,654	572,999	267,275	305,724
50-54	525,037	255,487	269,549	76,646	38,706	37,940	450,426	217,496	232,929
55-59	401,090	197,464	203,626	55,347	27,338	28,009	347,925	171,182	176,743
60-64	283,338	140,630	142,708	37,996	17,885	20,112	247,099	123,808	123,291
65-69	199,851	100,130	99,721	25,882	11,627	14,254	175,388	89,475	85,913
70-74	131,428	66,535	64,893	16,972	7,196	9,775	115,399	60,089	55,310
75-79	78,471	40,310	38,161	10,498	4,307	6,191	68,465	36,467	31,997
80+	63,084	34,253	28,832	8,648	3,785	4,864	54,790	30,839	23,951

**Table A7.6.7d Projected Population Size of SNNPR by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	21,492,925	10,645,190	10,847,735	4,018,011	1,990,073	2,027,938	17,474,914	8,655,117	8,819,797
0-4	2,954,811	1,499,649	1,455,162	355,311	170,943	184,369	2,633,018	1,347,314	1,285,703
5-9	2,725,549	1,376,704	1,348,845	419,695	201,693	218,001	2,321,133	1,184,480	1,136,654
10-14	2,494,605	1,256,468	1,238,138	479,819	231,672	248,148	2,012,496	1,025,344	987,152
15-19	2,498,775	1,252,903	1,245,873	535,604	262,201	273,403	1,951,527	985,944	965,583
20-24	2,210,014	1,106,554	1,103,461	514,617	261,356	253,261	1,678,140	835,930	842,211
25-29	1,859,146	922,809	936,337	440,399	226,491	213,908	1,402,957	687,138	715,819
30-34	1,551,353	757,819	793,534	345,355	179,988	165,367	1,196,587	571,314	625,273
35-39	1,256,603	596,195	660,408	264,464	135,658	128,806	987,114	456,421	530,693
40-44	1,030,470	484,100	546,370	194,135	98,009	96,126	836,081	384,814	451,267
45-49	817,893	383,084	434,810	142,640	71,325	71,315	676,999	311,808	365,191
50-54	648,772	305,122	343,650	106,569	51,866	54,702	544,706	254,136	290,571
55-59	495,899	238,987	256,912	77,182	37,199	39,983	421,357	203,060	218,297
60-64	369,911	179,895	190,016	56,049	25,766	30,283	316,090	155,467	160,624
65-69	249,948	122,062	127,886	36,656	15,990	20,667	215,004	107,233	107,770
70-74	163,865	80,474	83,391	24,016	9,831	14,185	140,974	71,529	69,445
75-79	95,564	47,106	48,458	14,548	5,686	8,861	81,580	41,951	39,630
80+	69,744	35,259	34,486	10,950	4,399	6,552	59,149	31,233	27,916

**Table A7.6.7e Projected Population Size of SNNPR by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	23,882,294	11,825,854	12,056,440	5,025,881	2,488,678	2,537,203	18,856,413	9,337,176	9,519,237
0-4	3,051,586	1,550,381	1,501,205	416,554	200,351	216,203	2,668,004	1,368,431	1,299,574
5-9	2,882,754	1,458,604	1,424,150	501,293	241,042	260,251	2,396,857	1,227,194	1,169,664
10-14	2,694,672	1,359,651	1,335,021	581,900	281,135	300,764	2,110,606	1,079,246	1,031,362
15-19	2,465,667	1,239,765	1,225,902	591,380	289,844	301,535	1,863,694	945,691	918,003
20-24	2,456,156	1,225,669	1,230,487	638,145	322,074	316,071	1,800,291	894,222	906,068
25-29	2,164,894	1,077,741	1,087,153	571,879	293,875	278,004	1,576,021	774,065	801,956
30-34	1,820,442	899,648	920,794	453,113	237,676	215,437	1,357,099	654,907	702,192
35-39	1,518,038	738,984	779,054	358,259	187,321	170,938	1,154,109	547,015	607,095
40-44	1,225,525	579,518	646,007	259,439	131,207	128,231	965,862	446,959	518,903
45-49	1,000,227	468,200	532,026	196,357	97,730	98,627	805,936	370,586	435,348
50-54	786,475	366,231	420,245	145,632	69,967	75,664	643,748	297,302	346,447
55-59	615,153	286,982	328,171	108,115	50,315	57,801	510,156	238,140	272,016
60-64	459,763	219,221	240,541	78,795	35,435	43,360	383,592	185,349	198,242
65-69	328,748	157,561	171,186	54,617	23,338	31,280	276,259	135,658	140,600
70-74	207,248	99,394	107,855	34,465	13,748	20,717	174,120	86,693	87,427
75-79	121,069	58,031	63,037	20,926	7,933	12,993	100,809	50,723	50,084
80+	83,878	40,273	43,606	15,013	5,686	9,327	69,250	34,994	34,257

**Table A7.6.7f Projected Population Size of SNNPR by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	26,266,883	13,005,155	13,261,728	6,130,478	3,035,298	3,095,180	20,136,405	9,969,857	10,166,548
0-4	3,089,089	1,570,430	1,518,659	471,479	226,755	244,724	2,644,204	1,358,573	1,285,630
5-9	2,992,584	1,516,062	1,476,522	579,350	278,766	300,583	2,425,928	1,245,297	1,180,632
10-14	2,855,321	1,443,138	1,412,183	683,151	330,431	352,720	2,170,385	1,113,387	1,056,998
15-19	2,666,982	1,343,263	1,323,719	706,812	346,673	360,139	1,951,179	993,055	958,124
20-24	2,426,543	1,214,101	1,212,442	695,071	351,015	344,056	1,717,750	855,875	861,875
25-29	2,410,890	1,196,278	1,214,612	701,664	358,490	343,174	1,694,412	829,337	865,075
30-34	2,124,758	1,053,309	1,071,449	583,772	306,117	277,655	1,531,620	740,767	790,853
35-39	1,785,703	879,619	906,085	466,143	245,583	220,560	1,314,297	629,742	684,556
40-44	1,484,513	720,575	763,939	348,876	180,249	168,628	1,135,380	539,039	596,342
45-49	1,193,113	562,459	630,654	260,179	129,979	130,200	934,883	432,618	502,264
50-54	965,135	449,426	515,710	198,721	95,252	103,470	769,242	355,202	414,041
55-59	748,961	346,141	402,820	146,542	67,447	79,096	605,431	280,116	325,314
60-64	573,748	264,867	308,882	109,702	47,657	62,044	466,627	218,719	247,908
65-69	411,807	193,514	218,293	76,390	31,956	44,434	337,519	162,966	174,553
70-74	275,628	129,743	145,884	51,215	20,031	31,184	225,811	110,805	115,006
75-79	155,605	72,866	82,739	30,068	11,120	18,947	126,203	62,373	63,830
80+	106,502	49,365	57,137	21,343	7,777	13,566	85,533	41,987	43,546

Table A7.6.7g Projected Population Size of SNNPR by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	28,567,247	14,142,912	14,424,335	7,334,357	3,631,052	3,703,305	21,232,890	10,511,860	10,721,030
0-4	3,061,969	1,557,822	1,504,146	518,186	249,349	268,836	2,559,837	1,317,496	1,242,340
5-9	3,041,748	1,542,430	1,499,317	650,419	313,216	337,203	2,399,149	1,234,174	1,164,974
10-14	2,968,276	1,502,134	1,466,142	781,054	378,213	402,841	2,186,085	1,124,368	1,061,717
15-19	2,828,932	1,427,184	1,401,748	822,589	403,921	418,668	2,000,573	1,021,016	979,558
20-24	2,628,198	1,317,306	1,310,892	824,368	416,431	407,937	1,794,866	896,188	898,679
25-29	2,384,561	1,186,231	1,198,330	759,630	388,300	371,330	1,616,098	792,913	823,185
30-34	2,370,674	1,171,453	1,199,220	713,770	372,203	341,567	1,650,606	794,969	855,635
35-39	2,088,647	1,032,194	1,056,453	598,459	315,398	283,062	1,486,460	713,777	772,683
40-44	1,750,296	859,930	890,365	452,851	236,070	216,781	1,297,236	622,944	674,291
45-49	1,448,858	701,451	747,407	348,641	178,217	170,426	1,101,615	523,346	578,267
50-54	1,154,586	541,751	612,835	262,341	126,466	135,876	894,287	416,042	478,245
55-59	922,496	426,514	495,982	199,350	91,685	107,664	725,392	335,897	389,497
60-64	702,104	321,153	380,951	148,400	63,840	84,559	555,613	258,428	297,185
65-69	517,710	235,405	282,305	106,493	43,008	63,485	412,800	193,442	219,359
70-74	348,833	160,846	187,988	71,854	27,502	44,353	278,040	134,171	143,870
75-79	210,060	96,412	113,648	44,983	16,298	28,684	165,613	80,620	84,994
80+	139,301	62,695	76,606	30,968	10,935	20,032	108,621	52,069	56,552

Table A7.6.8a Projected Population Size of Gambella Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	320,385	166,788	153,597	83,978	43,725	40,253	236,407	123,063	113,344
0-4	46,738	24,556	22,182	10,259	5,038	5,222	36,488	19,525	16,963
5-9	44,135	23,333	20,801	10,573	5,345	5,228	33,566	17,991	15,575
10-14	41,019	21,606	19,414	10,704	5,473	5,233	30,315	16,134	14,181
15-19	37,748	19,645	18,103	10,477	5,372	5,106	27,268	14,272	12,995
20-24	33,924	17,178	16,746	10,181	5,267	4,914	23,737	11,908	11,829
25-29	29,158	14,596	14,562	9,018	4,755	4,263	20,134	9,837	10,297
30-34	23,435	11,591	11,844	7,138	3,854	3,284	16,292	7,733	8,559
35-39	18,705	9,304	9,401	5,411	2,982	2,430	13,292	6,320	6,971
40-44	13,930	7,185	6,743	3,594	2,023	1,569	10,336	5,162	5,175
45-49	10,468	5,577	4,891	2,494	1,379	1,114	7,975	4,198	3,778
50-54	7,309	4,056	3,253	1,545	862	683	5,767	3,195	2,571
55-59	5,169	2,938	2,231	976	529	446	4,195	2,410	1,786
60-64	3,601	2,098	1,503	656	317	337	2,946	1,781	1,166
65-69	2,422	1,462	961	435	211	224	1,988	1,251	737
70-74	1,423	866	557	226	109	117	1,198	757	440
75-79	519	354	165	118	118	0	401	236	165
80+	682	442	240	172	90	84	510	353	156

Table A7.6.8 b Projected Population Size of Gambella Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	370,114	192,868	177,246	110,077	57,391	52,686	260,037	135,477	124,560
0-4	49,666	25,213	24,454	12,477	5,893	6,584	37,262	19,370	17,892
5-9	46,340	24,480	21,859	12,618	6,356	6,262	33,759	18,153	15,604
10-14	44,395	23,437	20,958	13,107	6,693	6,414	31,291	16,752	14,538
15-19	42,678	22,291	20,387	13,355	6,843	6,512	29,302	15,442	13,860
20-24	40,807	21,168	19,640	13,747	7,235	6,512	27,009	13,903	13,106
25-29	36,191	18,729	17,462	12,552	6,775	5,777	23,582	11,917	11,666
30-34	29,390	15,104	14,286	10,060	5,569	4,491	19,288	9,501	9,787
35-39	22,807	11,477	11,331	7,422	4,088	3,334	15,365	7,368	7,998
40-44	17,887	9,059	8,828	5,211	2,858	2,352	12,679	6,195	6,486
45-49	12,918	6,759	6,158	3,494	1,888	1,607	9,435	4,875	4,558
50-54	9,656	5,197	4,458	2,331	1,256	1,076	7,342	3,950	3,390
55-59	6,538	3,650	2,888	1,419	754	665	5,136	2,907	2,229
60-64	4,540	2,560	1,979	957	447	510	3,595	2,123	1,472
65-69	2,987	1,730	1,257	623	288	335	2,372	1,449	924
70-74	1,826	1,086	740	337	160	179	1,495	932	562
75-79	895	533	363	197	197	-	699	334	367
80+	592	395	197	167	90	77	425	306	120

Table A7.6.8c Projected Population Size of Gambella Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	435,135	226,839	208,296	147,953	77,192	70,761	287,182	149,647	137,535
0-4	53,732	27,302	26,432	15,614	7,389	8,225	38,350	20,076	18,273
5-9	49,856	25,262	24,595	15,648	7,541	8,106	34,322	17,811	16,511
10-14	47,575	25,094	22,481	16,057	8,182	7,875	31,529	16,942	14,585
15-19	47,054	24,668	22,387	16,753	8,597	8,156	30,236	16,054	14,182
20-24	47,293	24,651	22,641	18,012	9,476	8,535	29,113	15,082	14,032
25-29	44,828	23,730	21,097	17,541	9,603	7,937	27,087	13,996	13,092
30-34	37,987	20,150	17,837	14,700	8,296	6,404	23,131	11,730	11,402
35-39	29,910	15,606	14,304	11,060	6,228	4,832	18,772	9,299	9,475
40-44	22,925	11,688	11,238	7,641	4,178	3,463	15,298	7,493	7,806
45-49	17,599	8,962	8,637	5,473	2,863	2,611	12,170	6,115	6,054
50-54	12,587	6,609	5,977	3,525	1,845	1,680	9,127	4,799	4,328
55-59	9,257	4,971	4,286	2,352	1,198	1,154	6,975	3,815	3,159
60-64	6,071	3,348	2,723	1,501	688	813	4,619	2,698	1,920
65-69	4,008	2,227	1,781	987	438	549	3,054	1,816	1,238
70-74	2,404	1,361	1,043	529	236	293	1,900	1,144	756
75-79	1,276	734	541	305	305	0	982	425	558
80+	773	477	296	256	128	129	518	352	165

Table A7.6.8d Projected Population Size of Gambella Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	508,640	264,958	243,682	195,150	101,767	93,383	313,490	163,191	150,299
0-4	57,378	29,174	28,206	19,108	9,086	10,021	38,731	20,419	18,311
5-9	54,587	27,658	26,932	19,510	9,428	10,083	35,303	18,417	16,887
10-14	51,696	26,160	25,538	19,769	9,665	10,104	31,937	16,555	15,382
15-19	51,279	26,742	24,536	20,552	10,493	10,058	30,588	16,214	14,373
20-24	53,131	27,671	25,460	22,620	11,859	10,762	30,156	15,620	14,536
25-29	52,460	27,835	24,624	22,878	12,489	10,389	29,146	15,065	14,081
30-34	47,137	25,458	21,677	20,368	11,598	8,770	26,407	13,575	12,833
35-39	38,728	20,773	17,953	16,078	9,205	6,874	22,456	11,377	11,080
40-44	30,117	15,861	14,255	11,387	6,367	5,019	18,757	9,450	9,307
45-49	22,649	11,600	11,049	8,029	4,206	3,823	14,725	7,434	7,292
50-54	17,209	8,789	8,420	5,541	2,818	2,724	11,836	6,059	5,778
55-59	12,134	6,355	5,780	3,573	1,777	1,797	8,732	4,682	4,050
60-64	8,650	4,588	4,062	2,496	1,106	1,389	6,285	3,585	2,700
65-69	5,414	2,940	2,473	1,550	680	871	3,948	2,330	1,614
70-74	3,274	1,778	1,496	850	366	484	2,489	1,462	1,026
75-79	1,716	942	776	432	432	-	1,321	499	823
80+	1,080	634	445	408	195	214	673	447	225

**Table A7.6.8e Projected Population Size of Gambella Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	588,214	306,033	282,181	252,359	131,468	120,891	335,855	174,565	161,290
0-4	61456	30990	30469	23318	11053	12264	38836	20447	18387
5-9	59417	29746	29673	24036	11516	12521	35713	18515	17197
10-14	57118	28742	28379	24545	11964	12582	32564	16864	15700
15-19	55528	28042	27488	24897	12319	12578	30385	15661	14724
20-24	57175	30142	27031	27030	14319	12710	29573	15514	14059
25-29	58531	31310	27219	28265	15486	12778	29546	15365	14182
30-34	55319	29861	25455	26481	14970	11512	28210	14408	13803
35-39	48143	26169	21971	22262	12804	9458	25514	13013	12502
40-44	39034	21047	17986	16617	9436	7181	22447	11521	10927
45-49	29924	15732	14191	12015	6439	5576	18097	9366	8731
50-54	22294	11383	10911	8202	4169	4034	14403	7377	7026
55-59	16678	8466	8212	5664	2736	2928	11355	5933	5422
60-64	11405	5896	5509	3803	1661	2143	7851	4431	3417
65-69	7781	4052	3730	2586	1097	1489	5367	3100	2266
70-74	4507	2378	2129	1365	577	787	3272	1902	1371
75-79	2412	1253	1159	632	632	0	1872	600	1274
80+	1492	824	668	641	290	351	851	548	302

**Table A7.6.8f Projected Population Size of Gambella Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	668,873	347,553	321,320	317,827	165,389	152,438	351,046	182,164	168,882
0-4	64,371	32,493	31,881	27,580	13,189	14,391	37,731	20,007	17,722
5-9	63,670	31,655	32,020	28,893	13,823	15,069	35,203	18,214	16,990
10-14	62,016	30,867	31,153	29,685	14,373	15,313	32,263	16,592	15,671
15-19	60,986	30,639	30,350	30,295	14,959	15,336	30,279	15,563	14,716
20-24	61,478	31,479	30,000	31,976	16,452	15,524	28,639	14,573	14,068
25-29	62,633	33,804	28,825	33,190	18,294	14,896	28,373	14,828	13,543
30-34	61,422	33,341	28,077	32,297	18,253	14,043	28,153	14,351	13,804
35-39	56,310	30,552	25,754	28,716	16,380	12,337	26,982	13,604	13,380
40-44	48,365	26,377	21,984	22,961	13,109	9,852	25,411	13,096	12,316
45-49	38,704	20,819	17,884	17,453	9,551	7,902	21,545	11,378	10,166
50-54	29,385	15,389	13,996	12,252	6,394	5,857	17,668	9,281	8,388
55-59	21,589	10,954	10,636	8,376	4,068	4,308	13,802	7,239	6,561
60-64	15,697	7,869	7,829	6,006	2,579	3,427	10,145	5,651	4,492
65-69	10,295	5,228	5,067	3,923	1,652	2,271	6,674	3,834	2,839
70-74	6,517	3,305	3,213	2,289	944	1,345	4,481	2,555	1,925
75-79	3,357	1,702	1,655	937	937	-	2,625	726	1,903
80+	2,076	1,081	995	1,001	434	567	1,071	672	399

Table A7.6.8g Projected Population Size of Gambella Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	752,737	392,071	360,666	392,146	204,562	187,584	360,591	187,509	173,082
0-4	67,273	34,050	33,226	32,202	15,560	16,642	36,216	19,369	16,844
5-9	66,893	33,424	33,474	33,676	16,288	17,387	33,689	17,594	16,096
10-14	66,512	33,007	33,510	35,087	17,012	18,075	31,250	16,078	15,172
15-19	66,268	33,145	33,127	36,098	17,799	18,300	29,535	15,145	14,391
20-24	67,556	34,694	32,864	38,281	19,752	18,529	28,032	14,284	13,750
25-29	67,590	35,792	31,796	38,899	20,993	17,906	27,207	13,876	13,334
30-34	65,911	36,205	29,700	37,708	21,445	16,263	26,846	13,743	13,105
35-39	62,605	34,219	28,381	34,880	19,910	14,970	26,813	13,490	13,326
40-44	56,594	30,842	25,748	29,633	16,818	12,815	26,901	13,735	13,167
45-49	47,961	26,117	21,840	24,024	13,287	10,737	24,324	12,965	11,358
50-54	37,998	20,373	17,623	17,763	9,505	8,258	21,053	11,316	9,735
55-59	28,461	14,818	13,642	12,469	6,258	6,212	16,942	9,147	7,790
60-64	20,372	10,219	10,154	8,808	3,856	4,951	12,291	6,950	5,337
65-69	14,226	7,010	7,217	6,151	2,560	3,591	8,581	4,887	3,691
70-74	8,693	4,301	4,393	3,491	1,433	2,058	5,619	3,191	2,427
75-79	4,907	2,393	2,514	1,424	1,424	-	3,939	899	3,047
80+	2,917	1,462	1,455	1,552	662	890	1,352	841	510

Table A7.6.9a Projected Population Size of Harari Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	189,751	95,509	94,242	103,028	51,858	51,170	86,723	43,651	43,072
0-4	25,279	12,980	12,299	8,775	4,560	4,216	16,505	8,420	8,084
5-9	23,937	12,164	11,773	10,195	5,142	5,054	13,742	7,022	6,720
10-14	22,444	11,238	11,206	11,431	5,646	5,785	11,013	5,592	5,422
15-19	20,885	10,311	10,574	11,582	5,695	5,888	9,303	4,616	4,686
20-24	19,373	9,563	9,810	11,768	5,840	5,928	7,605	3,723	3,882
25-29	17,067	8,490	8,577	10,782	5,466	5,316	6,285	3,024	3,261
30-34	14,301	7,287	7,014	9,079	4,698	4,382	5,222	2,589	2,632
35-39	11,760	6,085	5,675	7,453	3,893	3,561	4,306	2,192	2,114
40-44	8,990	4,746	4,244	5,606	2,963	2,643	3,384	1,783	1,601
45-49	6,931	3,688	3,243	4,306	2,325	1,981	2,625	1,363	1,262
50-54	5,176	2,665	2,511	3,169	1,604	1,564	2,007	1,061	947
55-59	3,950	1,985	1,965	2,390	1,153	1,237	1,560	832	728
60-64	3,109	1,469	1,641	1,969	947	1,022	1,140	522	619
65-69	2,286	1,042	1,244	1,454	627	827	832	415	417
70-74	1,643	719	924	1,129	515	614	514	204	310
75-79	1,092	490	602	892	392	500	200	98	102
80+	1,527	588	939	1,048	393	655	479	195	284

**Table A7.6.9b Projected Population Size of Harari Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	213,728	107,783	105,945	117,125	59,066	58,059	96,603	48,717	47,886
0-4	26,326	13,477	12,849	9,179	4,753	4,426	17,147	8,724	8,423
5-9	25,126	12,885	12,242	10,731	5,460	5,271	14,395	7,425	6,971
10-14	24,072	12,133	11,939	12,273	6,102	6,171	11,799	6,031	5,768
15-19	23,216	11,455	11,761	12,878	6,326	6,552	10,338	5,129	5,209
20-24	22,218	10,834	11,384	13,484	6,608	6,875	8,734	4,226	4,509
25-29	20,284	10,099	10,186	12,797	6,489	6,308	7,487	3,610	3,878
30-34	17,049	8,611	8,437	10,807	5,541	5,266	6,242	3,070	3,171
35-39	13,938	7,186	6,751	8,821	4,589	4,232	5,117	2,597	2,519
40-44	11,263	5,874	5,389	7,015	3,661	3,354	4,248	2,213	2,035
45-49	8,407	4,469	3,938	5,217	2,813	2,404	3,190	1,656	1,534
50-54	6,467	3,439	3,029	3,953	2,068	1,885	2,514	1,371	1,144
55-59	4,738	2,416	2,322	2,863	1,403	1,460	1,875	1,013	862
60-64	3,577	1,776	1,801	2,264	1,143	1,121	1,313	633	680
65-69	2,701	1,251	1,450	1,714	752	962	987	499	488
70-74	1,834	825	1,009	1,258	588	669	576	237	340
75-79	1,183	510	673	962	406	556	221	104	117
80+	1,328	543	785	909	362	546	419	181	239

Table A7.6.9c Projected Population Size of Harari Region by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	244,711	123,549	121,162	136,354	68,843	67,511	108,357	54,706	53,651
0-4	27,561	14,103	13,459	9,747	5,043	4,704	17,810	9,057	8,753
5-9	26,472	13,516	12,955	11,434	5,791	5,643	15,035	7,723	7,311
10-14	25,735	13,132	12,602	13,227	6,658	6,568	12,507	6,473	6,033
15-19	25,306	12,594	12,712	14,128	6,999	7,129	11,178	5,595	5,583
20-24	25,236	12,287	12,949	15,387	7,526	7,861	9,850	4,762	5,089
25-29	23,892	11,726	12,165	15,125	7,558	7,569	8,768	4,169	4,597
30-34	21,009	10,594	10,416	13,366	6,837	6,529	7,644	3,758	3,887
35-39	17,265	8,784	8,481	10,966	5,627	5,339	6,300	3,157	3,143
40-44	13,977	7,246	6,731	8,740	4,533	4,207	5,238	2,714	2,524
45-49	11,127	5,820	5,307	6,930	3,676	3,255	4,197	2,144	2,052
50-54	8,235	4,383	3,852	5,056	2,648	2,408	3,180	1,735	1,444
55-59	6,250	3,317	2,933	3,788	1,937	1,853	2,462	1,380	1,081
60-64	4,473	2,265	2,208	2,842	1,462	1,379	1,631	804	829
65-69	3,237	1,594	1,644	2,057	962	1,093	1,180	632	551
70-74	2,274	1,042	1,232	1,563	743	819	712	299	413
75-79	1,377	610	767	1,116	484	632	261	126	135
80+	1,287	538	749	882	359	522	405	179	227

**Table A7.6.9d Projected Population Size of Harari Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	276,431	139,576	136,855	157,394	79,472	77,922	119,037	60,104	58,933
0-4	28,682	14,659	14,023	10,383	5,364	5,019	18,290	9,291	8,999
5-9	27,805	14,184	13,621	12,247	6,197	6,050	15,552	7,984	7,569
10-14	27,111	13,776	13,335	14,151	7,095	7,057	12,957	6,680	6,278
15-19	26,986	13,597	13,389	15,266	7,657	7,610	11,719	5,940	5,779
20-24	27,339	13,427	13,912	16,848	8,311	8,538	10,493	5,117	5,374
25-29	26,912	13,176	13,736	17,200	8,567	8,634	9,714	4,611	5,104
30-34	24,607	12,214	12,393	15,799	7,951	7,847	8,811	4,264	4,547
35-39	21,202	10,749	10,452	13,594	6,949	6,645	7,610	3,802	3,808
40-44	17,277	8,828	8,449	10,911	5,577	5,334	6,367	3,252	3,115
45-49	13,807	7,172	6,635	8,686	4,573	4,113	5,122	2,600	2,523
50-54	10,892	5,700	5,193	6,760	3,481	3,278	4,133	2,219	1,915
55-59	7,962	4,227	3,735	4,878	2,497	2,382	3,084	1,730	1,354
60-64	5,908	3,112	2,796	3,792	2,026	1,765	2,117	1,086	1,031
65-69	4,065	2,039	2,026	2,604	1,245	1,359	1,462	794	667
70-74	2,746	1,336	1,410	1,904	959	946	842	378	465
75-79	1,728	779	948	1,402	619	783	327	160	166
80+	1,404	602	802	969	405	563	436	197	239

**Table A7.6.9e Projected Population Size of Harari Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	308,507	155,691	152,816	180,018	90,848	89,170	128,489	64,843	63,646
0-4	29,818	15,161	14,657	11,114	5,711	5,404	18,665	9,431	9,233
5-9	29,176	14,774	14,402	13,176	6,619	6,558	15,976	8,143	7,833
10-14	28,540	14,454	14,086	15,206	7,600	7,607	13,325	6,849	6,475
15-19	28,031	14,248	13,783	16,147	8,170	7,977	11,883	6,077	5,806
20-24	28,230	14,435	13,795	17,670	9,070	8,600	10,568	5,370	5,198
25-29	28,589	14,320	14,269	18,539	9,436	9,103	10,062	4,890	5,171
30-34	27,696	13,662	14,034	18,031	9,013	9,016	9,677	4,655	5,023
35-39	24,987	12,362	12,624	16,243	8,101	8,143	8,754	4,267	4,486
40-44	21,373	10,774	10,599	13,696	6,904	6,791	7,685	3,874	3,812
45-49	17,259	8,733	8,526	11,015	5,648	5,367	6,250	3,089	3,162
50-54	13,675	7,022	6,654	8,618	4,355	4,263	5,061	2,668	2,393
55-59	10,654	5,495	5,159	6,638	3,301	3,338	4,018	2,195	1,823
60-64	7,635	3,973	3,662	4,968	2,622	2,346	2,670	1,353	1,317
65-69	5,461	2,808	2,653	3,543	1,742	1,802	1,920	1,067	853
70-74	3,532	1,721	1,811	2,476	1,246	1,230	1,058	476	582
75-79	2,147	1,009	1,138	1,750	807	942	401	203	197
80+	1,703	738	965	1,188	503	685	516	235	281

**Table A7.6.9f Projected Population Size of Harari Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	340,179	171,534	168,645	203,626	102,678	100,948	136,553	68,856	67,697
0-4	30,327	15,436	14,891	11,648	5,991	5,657	18,557	9,384	9,172
5-9	30,326	15,306	15,020	14,057	7,040	7,017	16,193	8,226	7,966
10-14	29,897	15,054	14,843	16,282	8,094	8,188	13,585	6,943	6,642
15-19	29,446	14,932	14,514	17,297	8,734	8,563	12,143	6,195	5,948
20-24	29,263	15,094	14,169	18,633	9,647	8,986	10,652	5,459	5,193
25-29	29,479	15,333	14,146	19,434	10,262	9,173	10,079	5,092	4,986
30-34	29,391	14,809	14,582	19,444	9,923	9,521	9,982	4,906	5,076
35-39	28,100	13,807	14,292	18,558	9,190	9,368	9,575	4,634	4,940
40-44	25,175	12,377	12,797	16,396	8,063	8,334	8,804	4,327	4,476
45-49	21,343	10,654	10,689	13,844	7,002	6,842	7,519	3,664	3,855
50-54	17,089	8,550	8,540	10,958	5,396	5,561	6,145	3,159	2,988
55-59	13,374	6,772	6,602	8,482	4,144	4,339	4,901	2,630	2,270
60-64	10,216	5,174	5,042	6,751	3,467	3,283	3,477	1,715	1,764
65-69	7,071	3,596	3,475	4,664	2,269	2,394	2,415	1,329	1,087
70-74	4,763	2,382	2,382	3,387	1,746	1,641	1,386	642	745
75-79	2,790	1,312	1,477	2,291	1,059	1,231	511	258	252
80+	2,126	942	1,184	1,502	651	851	628	293	336

**Table A7.6.9g Projected Population Size of Harari Region by Five Year Age
Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)**

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	371,144	186,966	184,178	227,885	114,798	113,087	143,259	72,168	71,091
0-4	30,759	15,674	15,085	12,159	6,262	5,897	18,323	9,273	9,049
5-9	30,849	15,614	15,235	14,665	7,370	7,295	16,008	8,152	7,855
10-14	31,034	15,598	15,437	17,275	8,578	8,697	13,686	6,979	6,708
15-19	30,791	15,539	15,252	18,454	9,278	9,176	12,319	6,250	6,069
20-24	30,674	15,786	14,888	19,884	10,275	9,609	10,833	5,534	5,299
25-29	30,514	16,003	14,511	20,464	10,893	9,570	10,122	5,153	4,968
30-34	30,290	15,829	14,461	20,389	10,788	9,602	9,974	5,085	4,889
35-39	29,818	14,958	14,860	20,032	10,129	9,903	9,857	4,868	4,989
40-44	28,312	13,819	14,493	18,762	9,163	9,598	9,607	4,683	4,923
45-49	25,154	12,245	12,909	16,598	8,189	8,408	8,604	4,083	4,521
50-54	21,138	10,433	10,705	13,798	6,708	7,090	7,374	3,737	3,637
55-59	16,726	8,255	8,471	10,810	5,150	5,660	5,938	3,108	2,830
60-64	12,845	6,391	6,454	8,630	4,355	4,275	4,246	2,054	2,192
65-69	9,482	4,697	4,785	6,367	3,020	3,347	3,138	1,682	1,455
70-74	6,202	3,067	3,135	4,474	2,281	2,193	1,755	802	953
75-79	3,794	1,832	1,963	3,145	1,494	1,651	682	353	330
80+	2,762	1,229	1,534	1,980	863	1,117	793	370	424

Table A7.6.10a Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	2,791,767	1,332,511	1,459,256	2,791,767	1,332,511	1,459,256	-	-	-
0-4	216,726	109,905	106,819	216,726	109,905	106,819	-	-	-
5-9	206,007	101,195	104,811	206,007	101,195	104,811	-	-	-
10-14	235,193	105,108	130,088	235,193	105,108	130,088	-	-	-
15-19	367,248	144,815	222,444	367,248	144,815	222,444	-	-	-
20-24	410,955	181,759	229,201	410,955	181,759	229,201	-	-	-
25-29	389,260	186,042	203,219	389,260	186,042	203,219	-	-	-
30-34	256,530	136,195	120,329	256,530	136,195	120,329	-	-	-
35-39	197,320	103,320	93,996	197,320	103,320	93,996	-	-	-
40-44	130,816	70,990	59,823	130,816	70,990	59,823	-	-	-
45-49	104,033	52,983	51,048	104,033	52,983	51,048	-	-	-
50-54	85,012	40,933	44,079	85,012	40,933	44,079	-	-	-
55-59	58,443	29,483	28,961	58,443	29,483	28,961	-	-	-
60-64	48,007	24,156	23,851	48,007	24,156	23,851	-	-	-
65-69	35,983	18,412	17,572	35,983	18,412	17,572	-	-	-
70-74	27,024	13,074	13,950	27,024	13,074	13,950	-	-	-
75-79	14,983	7,235	7,747	14,983	7,235	7,747	-	-	-
80+	8,226	6,905	1,319	8,226	6,905	1,319	-	-	-

Table A7.6.10b Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	3,046,333	1,447,004	1,599,329	3,046,333	1,447,004	1,599,329	-	-	-
0-4	319,560	161,206	158,336	319,560	161,206	158,336	-	-	-
5-9	197,977	98,833	99,135	197,977	98,833	99,135	-	-	-
10-14	215,087	102,692	112,394	215,087	102,692	112,394	-	-	-
15-19	262,584	111,964	150,643	262,584	111,964	150,643	-	-	-
20-24	403,974	158,343	245,690	403,974	158,343	245,690	-	-	-
25-29	416,847	188,717	228,147	416,847	188,717	228,147	-	-	-
30-34	371,564	179,863	191,696	371,564	179,863	191,696	-	-	-
35-39	230,880	124,600	106,253	230,880	124,600	106,253	-	-	-
40-44	185,661	96,119	89,528	185,661	96,119	89,528	-	-	-
45-49	116,581	63,597	52,969	116,581	63,597	52,969	-	-	-
50-54	98,184	48,725	49,456	98,184	48,725	49,456	-	-	-
55-59	76,368	36,491	39,877	76,368	36,491	39,877	-	-	-
60-64	50,970	25,633	25,335	50,970	25,633	25,335	-	-	-
65-69	41,707	20,562	21,143	41,707	20,562	21,143	-	-	-
70-74	28,276	14,182	14,093	28,276	14,182	14,093	-	-	-
75-79	19,093	8,836	10,258	19,093	8,836	10,258	-	-	-
80+	11,020	6,643	4,375	11,020	6,643	4,375	-	-	-

Table A7.6.10c Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
	3,435,028	1,625,451	1,809,577	3,435,028	1,625,451	1,809,577	-	-	-
0-4	376,398	189,982	186,383	376,398	189,982	186,383	-	-	-
5-9	318,778	158,640	160,116	318,778	158,640	160,116	-	-	-
10-14	205,936	100,897	105,029	205,936	100,897	105,029	-	-	-
15-19	231,783	107,156	124,635	231,783	107,156	124,635	-	-	-
20-24	289,151	120,369	168,828	289,151	120,369	168,828	-	-	-
25-29	421,412	165,954	255,554	421,412	165,954	255,554	-	-	-
30-34	420,053	190,734	229,342	420,053	190,734	229,342	-	-	-
35-39	368,318	178,060	190,247	368,318	178,060	190,247	-	-	-
40-44	228,016	122,712	105,262	228,016	122,712	105,262	-	-	-
45-49	180,967	93,373	87,573	180,967	93,373	87,573	-	-	-
50-54	112,840	61,223	51,596	112,840	61,223	51,596	-	-	-
55-59	93,671	46,062	47,604	93,671	46,062	47,604	-	-	-
60-64	71,154	33,464	37,690	71,154	33,464	37,690	-	-	-
65-69	45,469	22,425	23,041	45,469	22,425	23,041	-	-	-
70-74	34,526	16,607	17,918	34,526	16,607	17,918	-	-	-
75-79	20,834	10,115	10,719	20,834	10,115	10,719	-	-	-
80+	15,720	7,680	8,040	15,720	7,680	8,040	-	-	-

Table A 7.6.10d Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	3,859,638	1,821,690	2,037,948	3,859,638	1,821,690	2,037,948	-	-	-
0-4	379,196	191,569	187,596	379,196	191,569	187,596	-	-	-
5-9	380,213	189,700	190,489	380,213	189,700	190,489	-	-	-
10-14	329,209	161,778	167,416	329,209	161,778	167,416	-	-	-
15-19	226,707	107,122	119,584	226,707	107,122	119,584	-	-	-
20-24	264,320	117,957	146,379	264,320	117,957	146,379	-	-	-
25-29	314,826	131,595	183,271	314,826	131,595	183,271	-	-	-
30-34	430,709	171,341	259,445	430,709	171,341	259,445	-	-	-
35-39	421,085	191,302	229,801	421,085	191,302	229,801	-	-	-
40-44	366,170	176,815	189,345	366,170	176,815	189,345	-	-	-
45-49	224,739	120,621	104,082	224,739	120,621	104,082	-	-	-
50-54	176,760	90,808	85,935	176,760	90,808	85,935	-	-	-
55-59	108,993	58,654	50,321	108,993	58,654	50,321	-	-	-
60-64	88,416	42,880	45,534	88,416	42,880	45,534	-	-	-
65-69	64,480	29,780	34,702	64,480	29,780	34,702	-	-	-
70-74	38,448	18,527	19,920	38,448	18,527	19,920	-	-	-
75-79	26,070	12,156	13,914	26,070	12,156	13,914	-	-	-
80+	19,299	9,086	10,212	19,299	9,086	10,212	-	-	-

Table A7.6.10e Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4,281,394	2,015,259	2,266,135	4,281,394	2,015,259	2,266,135	-	-	-
0-4	351,513	177,863	173,636	351,513	177,863	173,636	-	-	-
5-9	387,754	193,742	193,999	387,754	193,742	193,999	-	-	-
10-14	394,128	194,483	199,635	394,128	194,483	199,635	-	-	-
15-19	353,078	169,175	183,899	353,078	169,175	183,899	-	-	-
20-24	263,085	119,344	143,746	263,085	119,344	143,746	-	-	-
25-29	294,051	130,857	163,203	294,051	130,857	163,203	-	-	-
30-34	328,905	139,151	189,770	328,905	139,151	189,770	-	-	-
35-39	435,847	174,036	261,845	435,847	174,036	261,845	-	-	-
40-44	422,035	191,715	230,327	422,035	191,715	230,327	-	-	-
45-49	363,245	175,057	188,183	363,245	175,057	188,183	-	-	-
50-54	221,305	118,315	102,975	221,305	118,315	102,975	-	-	-
55-59	171,897	87,677	84,213	171,897	87,677	84,213	-	-	-
60-64	103,928	55,233	48,688	103,928	55,233	48,688	-	-	-
65-69	81,016	38,640	42,375	81,016	38,640	42,375	-	-	-
70-74	55,414	25,014	30,402	55,414	25,014	30,402	-	-	-
75-79	29,681	13,868	15,813	29,681	13,868	15,813	-	-	-
80+	24,512	11,086	13,426	24,512	11,086	13,426	-	-	-

Table A7.6.10f Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	4,696,629	2,204,161	2,492,468	4,696,629	2,204,161	2,492,468	-	-	-
0-4	348,210	176,452	171,762	348,210	176,452	171,762	-	-	-
5-9	361,651	180,887	180,766	361,651	180,887	180,766	-	-	-
10-14	402,709	198,943	203,768	402,709	198,943	203,768	-	-	-
15-19	419,703	202,444	217,261	419,703	202,444	217,261	-	-	-
20-24	391,730	182,027	209,702	391,730	182,027	209,702	-	-	-
25-29	294,878	133,132	161,745	294,878	133,132	161,745	-	-	-
30-34	309,358	139,022	170,333	309,358	139,022	170,333	-	-	-
35-39	335,381	142,567	192,811	335,381	142,567	192,811	-	-	-
40-44	437,680	175,078	262,596	437,680	175,078	262,596	-	-	-
45-49	419,222	190,103	229,117	419,222	190,103	229,117	-	-	-
50-54	357,637	171,649	185,988	357,637	171,649	185,988	-	-	-
55-59	215,489	114,380	101,111	215,489	114,380	101,111	-	-	-
60-64	164,139	82,707	81,433	164,139	82,707	81,433	-	-	-
65-69	95,649	50,003	45,646	95,649	50,003	45,646	-	-	-
70-74	70,080	32,667	37,413	70,080	32,667	37,413	-	-	-
75-79	43,390	18,933	24,457	43,390	18,933	24,457	-	-	-
80+	29,724	13,166	16,559	29,724	13,166	16,559	-	-	-

Table A7.6.10g Projected Population Size of Addis Ababa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	5,131,892	2,399,674	2,732,218	5,131,892	2,399,674	2,732,218	-	-	-
0-4	398,928	202,372	196,564	398,928	202,372	196,564	-	-	-
5-9	357,981	179,036	178,950	357,981	179,036	178,950	-	-	-
10-14	375,817	185,341	190,481	375,817	185,341	190,481	-	-	-
15-19	428,113	206,101	222,014	428,113	206,101	222,014	-	-	-
20-24	459,000	214,634	244,366	459,000	214,634	244,366	-	-	-
25-29	423,470	195,140	228,329	423,470	195,140	228,329	-	-	-
30-34	309,909	141,047	168,861	309,909	141,047	168,861	-	-	-
35-39	315,103	142,010	173,090	315,103	142,010	173,090	-	-	-
40-44	336,937	143,491	193,438	336,937	143,491	193,438	-	-	-
45-49	433,428	173,115	260,299	433,428	173,115	260,299	-	-	-
50-54	411,306	185,643	225,659	411,306	185,643	225,659	-	-	-
55-59	346,788	165,116	181,674	346,788	165,116	181,674	-	-	-
60-64	205,216	107,591	97,631	205,216	107,591	97,631	-	-	-
65-69	150,857	74,689	76,170	150,857	74,689	76,170	-	-	-
70-74	82,892	42,349	40,545	82,892	42,349	40,545	-	-	-
75-79	55,097	24,816	30,280	55,097	24,816	30,280	-	-	-
80+	41,050	17,184	23,865	41,050	17,184	23,865	-	-	-

Table A7.6.11a Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2008

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	354,510	177,849	176,661	218,974	109,853	109,121	135,536	67,996	67,540
0-4	42,816	21,923	20,894	17,361	9,118	8,242	23,383	11,797	11,588
5-9	42,629	21,610	21,019	21,170	10,789	10,382	20,282	10,238	10,044
10-14	41,908	20,964	20,944	24,686	12,208	12,478	16,948	8,588	8,361
15-19	40,354	19,887	20,467	25,989	12,765	13,224	14,607	7,232	7,375
20-24	38,117	18,623	19,494	26,411	12,996	13,417	12,360	5,968	6,391
25-29	33,641	16,567	17,074	24,006	11,945	12,062	10,371	5,013	5,357
30-34	27,753	13,883	13,871	19,676	9,909	9,767	8,655	4,278	4,377
35-39	22,666	11,493	11,173	16,089	8,265	7,823	7,054	3,494	3,560
40-44	17,203	8,899	8,304	11,807	6,119	5,688	5,665	2,922	2,743
45-49	13,066	6,850	6,216	8,989	4,713	4,276	4,286	2,247	2,040
50-54	9,729	5,097	4,632	6,658	3,443	3,213	3,219	1,721	1,499
55-59	7,409	3,773	3,636	4,865	2,515	2,349	2,610	1,300	1,310
60-64	5,623	2,813	2,809	3,722	1,807	1,913	1,958	1,022	936
65-69	4,224	2,065	2,159	2,712	1,318	1,395	1,535	757	778
70-74	3,005	1,451	1,553	1,866	824	1,043	1,141	611	529
75-79	1,846	839	1,007	1,228	459	769	638	367	271
80+	2,521	1,109	1,412	1,741	661	1,080	822	442	380

Table A7.6.11b Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2012 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	402,142	201,807	200,335	251,713	126,317	125,396	150,429	75,490	74,939
0-4	43,130	21,990	21,140	17,695	9,248	8,447	23,412	11,760	11,652
5-9	43,580	22,208	21,372	21,813	11,167	10,645	20,579	10,446	10,133
10-14	44,162	22,160	22,001	26,109	12,950	13,159	17,719	9,010	8,709
15-19	44,979	22,026	22,952	29,006	14,151	14,854	16,158	7,954	8,204
20-24	45,029	21,797	23,232	31,173	15,187	15,985	14,506	6,946	7,561
25-29	41,439	20,495	20,944	29,520	14,740	14,780	12,698	6,171	6,527
30-34	34,227	17,227	16,999	24,228	12,269	11,959	10,609	5,281	5,327
35-39	27,292	13,857	13,435	19,340	9,940	9,400	8,443	4,193	4,250
40-44	21,872	11,219	10,653	15,002	7,706	7,297	7,155	3,662	3,493
45-49	16,103	8,404	7,699	11,071	5,776	5,296	5,247	2,740	2,507
50-54	12,211	6,431	5,780	8,351	4,343	4,008	4,014	2,157	1,857
55-59	8,934	4,659	4,275	5,872	3,105	2,766	3,123	1,595	1,528
60-64	6,686	3,357	3,329	4,427	2,159	2,267	2,312	1,210	1,101
65-69	4,845	2,398	2,448	3,115	1,531	1,584	1,748	873	875
70-74	3,373	1,621	1,751	2,100	924	1,177	1,271	677	592
75-79	2,098	992	1,106	1,387	544	842	727	431	296
80+	2,184	965	1,219	1,505	576	928	709	383	327

Table A7.6.11c Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	465,592	233,598	231,994	293,353	147,182	146,171	172,239	86,416	85,823
0-4	48,047	24,491	23,556	19,669	10,273	9,396	25,927	13,025	12,902
5-9	43,880	22,233	21,647	21,915	11,153	10,761	20,640	10,419	10,221
10-14	45,524	23,003	22,520	26,855	13,410	13,444	18,246	9,342	8,904
15-19	47,979	23,600	24,379	30,873	15,125	15,747	17,254	8,534	8,721
20-24	51,196	24,612	26,584	35,364	17,106	18,258	16,550	7,875	8,675
25-29	50,200	24,552	25,648	35,681	17,614	18,067	15,456	7,434	8,022
30-34	43,761	22,056	21,704	30,911	15,671	15,240	13,622	6,795	6,826
35-39	35,025	17,825	17,200	24,767	12,756	12,012	10,882	5,422	5,459
40-44	27,583	14,128	13,456	18,879	9,680	9,200	9,051	4,628	4,423
45-49	21,654	11,157	10,497	14,856	7,650	7,206	7,078	3,651	3,428
50-54	15,811	8,275	7,535	10,790	5,575	5,215	5,212	2,783	2,428
55-59	11,820	6,212	5,607	7,752	4,130	3,622	4,138	2,132	2,006
60-64	8,417	4,347	4,071	5,557	2,789	2,768	2,918	1,569	1,350
65-69	6,020	2,990	3,030	3,862	1,905	1,957	2,174	1,090	1,084
70-74	4,024	1,962	2,063	2,497	1,115	1,382	1,518	819	700
75-79	2,475	1,165	1,310	1,634	638	996	859	505	354
80+	2,176	991	1,186	1,492	591	901	712	392	320

Table A7.6.11c Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2017 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	465,592	233,598	231,994	293,353	147,182	146,171	172,239	86,416	85,823
0-4	48,047	24,491	23,556	19,669	10,273	9,396	25,927	13,025	12,902
5-9	43,880	22,233	21,647	21,915	11,153	10,761	20,640	10,419	10,221
10-14	45,524	23,003	22,520	26,855	13,410	13,444	18,246	9,342	8,904
15-19	47,979	23,600	24,379	30,873	15,125	15,747	17,254	8,534	8,721
20-24	51,196	24,612	26,584	35,364	17,106	18,258	16,550	7,875	8,675
25-29	50,200	24,552	25,648	35,681	17,614	18,067	15,456	7,434	8,022
30-34	43,761	22,056	21,704	30,911	15,671	15,240	13,622	6,795	6,826
35-39	35,025	17,825	17,200	24,767	12,756	12,012	10,882	5,422	5,459
40-44	27,583	14,128	13,456	18,879	9,680	9,200	9,051	4,628	4,423
45-49	21,654	11,157	10,497	14,856	7,650	7,206	7,078	3,651	3,428
50-54	15,811	8,275	7,535	10,790	5,575	5,215	5,212	2,783	2,428
55-59	11,820	6,212	5,607	7,752	4,130	3,622	4,138	2,132	2,006
60-64	8,417	4,347	4,071	5,557	2,789	2,768	2,918	1,569	1,350
65-69	6,020	2,990	3,030	3,862	1,905	1,957	2,174	1,090	1,084
70-74	4,024	1,962	2,063	2,497	1,115	1,382	1,518	819	700
75-79	2,475	1,165	1,310	1,634	638	996	859	505	354
80+	2,176	991	1,186	1,492	591	901	712	392	320

Table A7.6.11d Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2022 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	535,684	269,995	265,689	343,578	173,170	170,408	192,106	96,825	95,281
0-4	52,974	27,019	25,955	22,207	11,599	10,608	28,048	14,096	13,952
5-9	49,096	24,959	24,137	25,006	12,766	12,240	22,592	11,444	11,148
10-14	46,110	23,270	22,840	27,626	13,780	13,846	18,034	9,225	8,809
15-19	49,762	24,832	24,931	32,440	16,123	16,317	17,443	8,754	8,690
20-24	54,851	26,812	28,039	38,309	18,834	19,475	17,265	8,356	8,908
25-29	56,984	27,979	29,005	40,911	20,265	20,646	17,081	8,250	8,831
30-34	52,815	26,428	26,387	37,688	18,964	18,725	16,008	7,929	8,078
35-39	44,647	22,776	21,871	31,895	16,457	15,438	13,505	6,746	6,758
40-44	35,327	18,145	17,182	24,452	12,570	11,883	11,289	5,791	5,499
45-49	27,324	14,064	13,260	18,956	9,749	9,206	8,699	4,483	4,216
50-54	21,254	10,988	10,266	14,673	7,488	7,184	6,821	3,601	3,221
55-59	15,311	8,004	7,307	10,168	5,386	4,782	5,223	2,676	2,547
60-64	11,152	5,812	5,340	7,451	3,777	3,673	3,770	2,046	1,724
65-69	7,610	3,889	3,721	4,946	2,510	2,436	2,679	1,382	1,296
70-74	5,041	2,466	2,574	3,171	1,425	1,747	1,855	1,005	849
75-79	2,992	1,428	1,564	1,994	795	1,199	1,015	605	411
80+	2,435	1,125	1,310	1,685	681	1,004	779	434	344

Table A7.6.11e Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2027 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	612,791	309,267	303,524	401,936	202,852	199,084	210,855	106,415	104,440
0-4	57,489	29,017	28,472	24,936	12,877	12,058	29,625	14,729	14,897
5-9	55,050	27,633	27,417	28,856	14,536	14,320	24,532	12,274	12,257
10-14	52,010	26,145	25,865	31,895	15,844	16,051	19,606	10,001	9,605
15-19	49,839	25,307	24,532	33,145	16,757	16,388	16,799	8,586	8,212
20-24	54,928	28,425	26,503	39,039	20,296	18,743	16,579	8,508	8,072
25-29	60,076	30,622	29,455	43,839	22,515	21,324	17,254	8,664	8,590
30-34	60,346	30,142	30,204	43,767	21,965	21,803	17,539	8,680	8,858
35-39	54,577	27,240	27,337	39,617	19,983	19,634	15,836	7,742	8,093
40-44	45,664	23,116	22,548	32,166	16,287	15,879	14,006	7,087	6,919
45-49	35,691	18,046	17,645	25,197	12,723	12,474	10,904	5,527	5,377
50-54	27,389	13,842	13,547	19,251	9,602	9,649	8,433	4,360	4,073
55-59	21,021	10,623	10,399	14,225	7,279	6,946	6,896	3,415	3,482
60-64	14,816	7,501	7,315	10,098	4,972	5,126	4,805	2,541	2,264
65-69	10,388	5,212	5,176	6,890	3,432	3,458	3,516	1,783	1,732
70-74	6,626	3,230	3,396	4,260	1,912	2,348	2,347	1,271	1,076
75-79	3,926	1,814	2,112	2,677	1,036	1,640	1,273	743	530
80+	2,953	1,352	1,601	2,080	838	1,243	906	503	402

Table A7.6.11f Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2032 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	691,636	348,354	343,282	464,759	234,084	230,675	226,877	114,270	112,607
0-4	59,749	30,176	29,573	26,895	13,892	13,003	29,805	14,815	14,990
5-9	59,728	29,684	30,045	32,295	16,110	16,185	25,629	12,692	12,939
10-14	58,071	28,826	29,244	36,524	17,928	18,595	20,973	10,566	10,406
15-19	55,845	28,177	27,667	37,954	19,076	18,879	17,989	9,133	8,854
20-24	55,148	28,922	26,226	39,937	21,041	18,895	15,873	8,251	7,623
25-29	60,326	32,245	28,081	44,812	24,123	20,690	16,497	8,687	7,809
30-34	63,659	32,779	30,880	47,003	24,314	22,689	17,628	8,991	8,637
35-39	62,331	30,925	31,406	46,050	23,084	22,965	17,239	8,371	8,869
40-44	55,761	27,522	28,239	40,035	19,770	20,265	16,316	8,045	8,270
45-49	46,084	22,919	23,165	33,159	16,474	16,685	13,429	6,692	6,737
50-54	35,722	17,709	18,013	25,600	12,532	13,067	10,489	5,322	5,167
55-59	27,060	13,357	13,702	18,692	9,343	9,349	8,485	4,099	4,385
60-64	20,302	9,953	10,350	14,136	6,745	7,392	6,280	3,221	3,059
65-69	13,802	6,734	7,069	9,357	4,534	4,823	4,464	2,202	2,262
70-74	9,066	4,345	4,721	5,970	2,641	3,329	3,068	1,640	1,428
75-79	5,198	2,396	2,803	3,616	1,408	2,208	1,611	942	670
80+	3,784	1,685	2,099	2,723	1,069	1,654	1,102	601	501

Table A7.6.11g Projected Population Size of Dire Dawa by Five Year Age Group, Sex, Urban and Rural: Medium Variant: 1 July 2037 (Continued)

Age	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	771,618	389,447	382,171	533,127	269,077	264,050	238,491	120,370	118,121
0-4	61,012	30,901	30,111	28,709	14,865	13,843	29,232	14,555	14,677
5-9	62,152	31,094	31,058	34,859	17,511	17,348	25,446	12,676	12,771
10-14	62,865	31,099	31,766	40,711	19,937	20,773	21,532	10,808	10,724
15-19	62,185	31,232	30,953	43,333	21,696	21,638	18,936	9,563	9,373
20-24	61,689	32,405	29,284	45,636	24,088	21,547	16,742	8,705	8,037
25-29	61,152	33,400	27,752	46,341	25,487	20,854	15,745	8,464	7,281
30-34	64,275	34,775	29,500	48,433	26,325	22,108	16,761	8,975	7,786
35-39	65,902	33,750	32,152	49,689	25,702	23,988	17,162	8,593	8,569
40-44	63,702	31,293	32,409	46,744	22,986	23,756	17,582	8,619	8,964
45-49	56,253	27,314	28,938	41,361	20,075	21,286	15,462	7,514	7,947
50-54	46,047	22,497	23,551	33,735	16,294	17,440	12,751	6,374	6,378
55-59	35,229	17,098	18,131	24,923	12,249	12,674	10,439	4,949	5,490
60-64	26,113	12,542	13,570	18,623	8,721	9,902	7,623	3,834	3,788
65-69	18,874	8,957	9,917	13,123	6,191	6,932	5,770	2,767	3,003
70-74	12,059	5,644	6,415	8,166	3,540	4,626	3,855	2,022	1,833
75-79	7,132	3,248	3,884	5,081	1,973	3,107	2,086	1,213	873
80+	4,978	2,197	2,781	3,661	1,436	2,224	1,368	742	626

Table A7.7 Projected School Age population Size (thousands) of Ethiopia, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	12,482	6,357	6,125	3,796	1,926	1,870	7,029	3,547	3,482
2009	12,717	6,474	6,243	3,880	1,971	1,909	7,192	3,639	3,553
2010	12,975	6,597	6,378	3,965	2,015	1,950	7,352	3,729	3,622
2011	13,194	6,701	6,493	4,051	2,058	1,993	7,514	3,819	3,695
2012	13,374	6,786	6,588	4,134	2,099	2,034	7,680	3,908	3,772
2013	13,521	6,854	6,667	4,213	2,138	2,075	7,849	3,996	3,854
2014	13,639	6,909	6,731	4,288	2,176	2,113	8,018	4,081	3,937
2015	13,796	6,982	6,814	4,360	2,211	2,148	8,184	4,163	4,021
2016	13,942	7,055	6,887	4,458	2,257	2,201	8,344	4,242	4,102
2017	14,134	7,151	6,982	4,525	2,287	2,238	8,497	4,317	4,179
2018	14,370	7,271	7,100	4,533	2,290	2,242	8,674	4,401	4,273
2019	14,644	7,409	7,235	4,543	2,295	2,247	8,815	4,466	4,348
2020	14,934	7,556	7,378	4,558	2,303	2,255	8,924	4,516	4,407
2021	15,174	7,679	7,495	4,646	2,343	2,303	9,003	4,552	4,451
2022	15,374	7,783	7,591	4,779	2,406	2,373	9,027	4,563	4,463
2023	15,533	7,866	7,667	4,882	2,458	2,424	9,122	4,610	4,512
2024	15,663	7,934	7,729	4,981	2,509	2,473	9,265	4,680	4,585
2025	15,760	7,986	7,774	5,073	2,555	2,518	9,451	4,773	4,678
2026	15,845	8,031	7,814	5,143	2,590	2,552	9,676	4,886	4,790
2027	15,917	8,069	7,847	5,192	2,616	2,576	9,870	4,985	4,885
2028	15,983	8,105	7,878	5,230	2,635	2,594	10,038	5,071	4,966
2029	16,047	8,139	7,908	5,253	2,648	2,605	10,178	5,144	5,035
2030	16,093	8,164	7,929	5,282	2,663	2,619	10,284	5,199	5,085
2031	16,137	8,188	7,949	5,311	2,678	2,633	10,356	5,237	5,119
2032	16,167	8,205	7,962	5,333	2,690	2,644	10,422	5,272	5,150
2033	16,192	8,220	7,972	5,357	2,702	2,655	10,475	5,300	5,175
2034	16,204	8,227	7,977	5,375	2,712	2,663	10,527	5,328	5,199
2035	16,211	8,232	7,979	5,390	2,720	2,670	10,580	5,356	5,225
2036	16,215	8,236	7,980	5,398	2,724	2,673	10,622	5,378	5,244
2037	16,213	8,236	7,977	5,407	2,730	2,677	10,660	5,399	5,262

Table A7.7.1 Projected School Age population Size (thousands) of Tigray Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	708	357	351	217	109	108	400	199	201
2009	719	363	356	222	111	110	410	205	205
2010	729	368	361	226	114	112	420	210	210
2011	738	373	365	230	116	114	429	215	214
2012	745	377	368	233	118	116	438	220	218
2013	751	380	371	237	120	117	447	225	222
2014	755	382	373	240	121	119	454	229	226
2015	753	382	372	243	123	120	462	233	229
2016	752	381	371	247	125	122	469	237	232
2017	751	381	371	249	126	123	475	240	235
2018	752	381	371	249	126	123	482	244	238
2019	754	382	372	250	127	123	488	247	241
2020	757	384	373	251	127	124	492	249	243
2021	765	388	377	247	125	122	494	251	244
2022	773	392	381	244	124	120	495	251	244
2023	780	396	384	247	125	122	492	249	243
2024	787	399	388	250	127	123	490	248	242
2025	793	402	390	253	128	125	489	248	241
2026	798	405	393	256	130	126	490	248	241
2027	804	408	396	258	131	127	496	251	244
2028	808	410	398	260	132	128	501	254	247
2029	812	412	400	262	133	129	507	257	250
2030	816	414	401	264	134	130	512	260	252
2031	818	416	403	266	135	131	516	262	254
2032	821	417	404	268	136	132	520	264	256
2033	822	418	404	269	137	132	524	266	258
2034	823	418	405	270	137	133	528	268	260
2035	823	418	405	271	138	134	531	270	261
2036	823	418	405	272	138	134	534	271	263
2037	822	418	404	272	138	134	536	272	264

Table A7.7.2 Projected School Age population Size (thousands) of Afar Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	229	131	99	79	46	33	149	87	63
2009	227	128	98	79	46	33	153	89	64
2010	221	124	97	79	45	33	156	91	65
2011	217	120	97	78	45	33	158	92	66
2012	213	117	96	77	44	33	158	92	67
2013	210	115	96	76	43	33	158	91	67
2014	208	113	95	75	42	33	157	90	67
2015	214	115	100	74	41	33	155	88	67
2016	224	119	105	71	39	32	153	86	67
2017	234	123	111	69	37	32	151	85	67
2018	244	127	117	69	37	32	148	82	66
2019	254	132	123	69	37	32	145	79	65
2020	265	136	129	70	38	32	142	77	65
2021	267	137	130	78	41	37	140	75	65
2022	270	139	131	87	45	42	141	76	65
2023	272	140	132	88	45	43	149	80	70
2024	273	140	133	89	46	43	158	83	75
2025	275	141	134	90	46	44	168	88	80
2026	276	141	134	91	47	44	178	92	86
2027	276	142	135	91	47	44	180	93	87
2028	277	142	135	92	47	45	181	93	88
2029	277	142	135	93	47	45	183	94	89
2030	277	141	135	93	48	45	185	95	90
2031	276	141	135	93	48	45	186	96	90
2032	275	140	135	93	48	46	187	96	91
2033	274	140	134	93	48	46	188	97	91
2034	273	139	134	93	48	46	188	97	91
2035	272	139	133	93	48	46	188	97	92
2036	271	138	133	93	47	46	189	97	92
2037	270	138	132	93	47	45	189	97	92

Table A7.7.3 Projected School Age population Size (thousands) of Amhara Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	2,799	1,414	1,385	885	442	442	1,619	817	802
2009	2,825	1,426	1,399	899	450	450	1,654	836	818
2010	2,846	1,435	1,411	911	456	456	1,687	854	833
2011	2,864	1,443	1,421	921	461	461	1,718	870	847
2012	2,877	1,448	1,429	930	465	465	1,746	885	861
2013	2,887	1,452	1,435	937	469	469	1,769	897	872
2014	2,894	1,455	1,440	944	472	472	1,790	907	883
2015	2,941	1,480	1,461	951	476	476	1,808	916	892
2016	2,998	1,513	1,486	955	477	477	1,824	924	901
2017	3,067	1,551	1,516	955	478	478	1,840	931	909
2018	3,147	1,595	1,552	956	478	478	1,853	936	917
2019	3,237	1,644	1,594	958	479	479	1,863	940	923
2020	3,322	1,690	1,632	960	480	480	1,869	942	926
2021	3,354	1,708	1,647	1,010	505	505	1,872	943	929
2022	3,364	1,714	1,651	1,071	535	535	1,875	945	930
2023	3,349	1,708	1,641	1,095	548	548	1,922	971	952
2024	3,319	1,694	1,625	1,120	560	560	1,980	1,002	978
2025	3,269	1,670	1,599	1,144	572	572	2,049	1,039	1,009
2026	3,221	1,646	1,575	1,151	576	576	2,127	1,082	1,045
2027	3,180	1,627	1,554	1,138	569	569	2,174	1,106	1,067
2028	3,148	1,611	1,537	1,119	560	560	2,204	1,122	1,082
2029	3,125	1,600	1,525	1,097	549	549	2,213	1,128	1,085
2030	3,103	1,590	1,514	1,081	541	541	2,199	1,122	1,078
2031	3,088	1,582	1,506	1,069	535	535	2,163	1,104	1,058
2032	3,074	1,576	1,498	1,058	529	529	2,127	1,087	1,040
2033	3,061	1,569	1,492	1,053	527	527	2,092	1,070	1,022
2034	3,049	1,563	1,486	1,049	525	525	2,065	1,056	1,008
2035	3,039	1,558	1,481	1,044	522	522	2,048	1,048	1,000
2036	3,029	1,552	1,477	1,040	520	520	2,032	1,040	992
2037	3,022	1,548	1,473	1,035	517	517	2,022	1,036	987

Table A7.7.4 Projected School Age population Size (thousands) of Oromia Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	4,824	2,443	2,382	1,401	708	693	2,531	1,275	1,256
2009	4,967	2,515	2,452	1,447	732	715	2,614	1,318	1,296
2010	5,135	2,599	2,535	1,495	756	739	2,697	1,361	1,336
2011	5,278	2,671	2,607	1,545	782	763	2,784	1,406	1,378
2012	5,398	2,730	2,668	1,594	807	787	2,876	1,453	1,423
2013	5,496	2,779	2,717	1,643	831	811	2,972	1,502	1,470
2014	5,575	2,818	2,757	1,690	855	835	3,070	1,552	1,518
2015	5,624	2,842	2,782	1,735	878	857	3,168	1,602	1,566
2016	5,644	2,852	2,791	1,806	913	893	3,264	1,650	1,614
2017	5,681	2,872	2,810	1,856	937	919	3,358	1,698	1,660
2018	5,735	2,899	2,836	1,859	939	920	3,476	1,756	1,719
2019	5,801	2,933	2,868	1,863	941	922	3,571	1,804	1,768
2020	5,879	2,973	2,906	1,869	943	926	3,646	1,840	1,806
2021	5,978	3,024	2,954	1,865	942	923	3,701	1,867	1,834
2022	6,067	3,069	2,998	1,878	949	929	3,710	1,872	1,839
2023	6,146	3,110	3,037	1,917	969	948	3,711	1,872	1,839
2024	6,218	3,146	3,071	1,953	987	966	3,730	1,883	1,847
2025	6,281	3,179	3,102	1,986	1,004	982	3,766	1,901	1,864
2026	6,338	3,209	3,129	2,015	1,018	997	3,815	1,927	1,889
2027	6,382	3,232	3,150	2,044	1,033	1,011	3,887	1,963	1,924
2028	6,419	3,252	3,168	2,069	1,046	1,023	3,953	1,996	1,956
2029	6,452	3,269	3,183	2,088	1,056	1,032	4,015	2,028	1,987
2030	6,474	3,281	3,193	2,107	1,066	1,041	4,069	2,056	2,013
2031	6,494	3,292	3,202	2,123	1,075	1,049	4,117	2,081	2,037
2032	6,505	3,299	3,206	2,137	1,082	1,055	4,161	2,104	2,058
2033	6,514	3,305	3,210	2,147	1,087	1,060	4,198	2,123	2,075
2034	6,516	3,307	3,209	2,153	1,091	1,062	4,231	2,140	2,091
2035	6,515	3,307	3,208	2,160	1,094	1,066	4,257	2,154	2,103
2036	6,512	3,307	3,205	2,163	1,096	1,067	4,278	2,165	2,113
2037	6,503	3,303	3,200	2,167	1,099	1,068	4,295	2,174	2,121

Table A7.7.5 Projected School Age population Size (thousands) of Somali Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	730	416	314	253	147	106	480	278	203
2009	715	405	310	253	146	107	489	283	206
2010	693	389	304	251	144	106	496	287	209
2011	673	374	299	246	141	105	500	289	210
2012	656	362	294	241	137	104	499	289	211
2013	641	351	290	236	133	102	495	285	210
2014	630	343	287	231	130	101	487	279	208
2015	675	360	315	226	126	100	478	272	206
2016	733	385	348	214	118	97	468	265	203
2017	795	412	382	204	111	94	458	257	201
2018	860	441	418	205	111	94	441	245	196
2019	928	472	456	205	111	94	427	235	192
2020	999	504	495	206	111	94	415	226	189
2021	1,020	515	505	259	134	125	406	220	186
2022	1,040	525	515	316	159	157	407	220	187
2023	1,058	534	523	324	163	161	461	244	217
2024	1,074	542	531	331	167	164	518	269	250
2025	1,088	550	538	338	171	168	579	296	284
2026	1,101	556	544	345	174	171	643	324	319
2027	1,111	562	549	351	177	174	658	332	326
2028	1,119	566	553	357	180	177	672	339	333
2029	1,124	568	556	362	183	179	685	346	340
2030	1,128	570	557	366	185	181	698	352	346
2031	1,129	571	558	369	187	183	709	357	351
2032	1,130	572	558	372	188	184	718	363	356
2033	1,130	572	558	374	189	185	727	367	360
2034	1,128	571	557	375	189	185	734	370	363
2035	1,127	571	556	375	190	185	739	373	366
2036	1,127	571	556	375	190	185	743	375	368
2037	1,129	572	557	375	190	185	745	376	369

Table A7.7.6 Projected School Age population Size (thousands) of Benshangul Gumz Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	137	69	67	41	21	20	76	38	38
2009	140	71	69	42	21	21	78	39	39
2010	144	74	71	43	22	21	81	40	40
2011	148	76	73	45	23	22	83	42	41
2012	151	77	74	46	23	23	85	43	42
2013	154	79	75	47	24	23	88	44	44
2014	156	80	76	48	25	24	91	46	45
2015	158	81	78	49	25	24	93	47	46
2016	160	82	79	51	26	25	96	48	47
2017	162	83	80	53	27	26	98	50	49
2018	165	84	81	53	27	26	101	51	50
2019	168	85	82	53	27	26	104	53	51
2020	171	87	84	53	27	26	106	54	52
2021	174	88	85	54	28	27	107	55	53
2022	176	90	87	56	28	27	108	55	53
2023	179	91	88	57	29	28	109	55	53
2024	181	92	89	58	29	28	110	56	54
2025	183	93	90	59	30	29	112	57	55
2026	186	94	91	60	30	29	115	58	56
2027	188	95	92	60	31	30	117	59	57
2028	189	96	93	61	31	30	119	60	58
2029	191	97	94	62	32	31	121	61	59
2030	193	98	95	63	32	31	123	62	60
2031	194	98	96	63	32	31	124	63	61
2032	195	99	96	64	32	32	126	64	62
2033	196	99	97	65	33	32	127	65	63
2034	197	100	97	65	33	32	129	65	63
2035	198	100	98	66	33	33	130	66	64
2036	198	100	98	66	33	33	131	67	65
2037	199	101	98	67	34	33	133	67	65

Table A7.7.7 Projected School Age population Size (thousands) of SNNP Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	2,662	1,337	1,325	777	389	388	1,408	700	708
2009	2,735	1,375	1,360	801	401	400	1,450	723	727
2010	2,819	1,417	1,402	826	414	412	1,494	746	748
2011	2,890	1,452	1,437	852	427	424	1,539	769	770
2012	2,949	1,482	1,467	877	441	437	1,587	794	792
2013	2,997	1,505	1,491	902	453	449	1,636	820	816
2014	3,035	1,524	1,511	926	465	461	1,686	846	841
2015	3,033	1,524	1,510	949	477	472	1,737	872	865
2016	3,018	1,517	1,501	983	494	489	1,786	897	889
2017	3,011	1,514	1,497	1,007	505	502	1,833	921	913
2018	3,013	1,516	1,497	1,008	506	502	1,891	950	942
2019	3,021	1,522	1,500	1,010	507	503	1,938	972	965
2020	3,035	1,530	1,506	1,014	509	505	1,974	990	984
2021	3,087	1,557	1,531	987	496	491	2,000	1,003	997
2022	3,136	1,582	1,554	968	487	481	2,005	1,005	999
2023	3,182	1,606	1,577	987	497	490	1,981	994	987
2024	3,227	1,629	1,598	1,005	506	499	1,966	987	979
2025	3,270	1,651	1,619	1,022	515	507	1,958	984	974
2026	3,312	1,672	1,639	1,037	523	514	1,958	985	973
2027	3,350	1,693	1,658	1,053	531	522	1,994	1,003	991
2028	3,388	1,712	1,676	1,069	539	530	2,027	1,020	1,007
2029	3,423	1,731	1,693	1,082	546	536	2,061	1,038	1,023
2030	3,455	1,747	1,708	1,096	553	543	2,092	1,054	1,038
2031	3,486	1,763	1,723	1,110	560	550	2,122	1,069	1,053
2032	3,515	1,778	1,736	1,122	567	556	2,152	1,084	1,067
2033	3,540	1,792	1,749	1,135	573	562	2,179	1,098	1,080
2034	3,563	1,804	1,759	1,146	579	567	2,205	1,112	1,093
2035	3,584	1,815	1,769	1,156	584	572	2,231	1,126	1,106
2036	3,602	1,824	1,778	1,164	589	575	2,256	1,138	1,117
2037	3,615	1,831	1,784	1,174	594	580	2,278	1,150	1,128

Table A7.7.8 Projected School Age population Size (thousands) of Gambella Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	51	27	24	16	8	8	31	16	15
2009	52	28	25	16	9	8	32	17	15
2010	53	28	25	17	9	8	33	17	16
2011	54	29	26	17	9	8	34	18	16
2012	55	29	26	18	9	8	34	18	16
2013	56	29	26	18	9	8	35	18	17
2014	56	30	27	18	10	9	36	19	17
2015	57	30	27	19	10	9	37	19	17
2016	58	30	28	19	10	9	37	20	18
2017	59	30	28	19	10	9	38	20	18
2018	60	31	29	19	10	9	39	20	18
2019	61	31	30	20	10	9	40	21	19
2020	62	31	31	20	10	9	40	21	19
2021	63	32	31	20	10	10	41	21	19
2022	65	33	32	21	10	10	41	22	20
2023	66	33	33	21	11	10	42	22	20
2024	67	34	33	21	11	11	42	22	21
2025	68	35	34	22	11	11	43	22	21
2026	70	35	35	22	11	11	44	22	22
2027	71	36	35	23	12	11	45	23	22
2028	72	36	36	23	12	12	46	23	23
2029	73	37	37	24	12	12	47	24	23
2030	74	37	37	24	12	12	48	24	24
2031	76	38	38	24	12	12	49	24	24
2032	77	38	39	25	12	12	49	25	25
2033	78	39	39	25	13	13	50	25	25
2034	79	39	40	26	13	13	51	26	25
2035	80	40	40	26	13	13	52	26	26
2036	80	40	40	27	13	13	53	26	26
2037	81	41	41	27	13	14	54	27	27

Table A7.7.9 Projected School Age population Size (thousands) of Harari Region, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	28	14	14	9	4	4	17	8	9
2009	28	14	14	9	4	4	17	9	9
2010	29	15	14	9	5	5	18	9	9
2011	29	15	14	9	5	5	18	9	9
2012	30	15	15	9	5	5	19	9	9
2013	30	15	15	10	5	5	19	9	10
2014	30	15	15	10	5	5	19	10	10
2015	31	16	15	10	5	5	20	10	10
2016	31	16	15	10	5	5	20	10	10
2017	31	16	15	10	5	5	20	10	10
2018	32	16	15	10	5	5	21	10	10
2019	32	16	16	10	5	5	21	11	10
2020	32	16	16	10	5	5	21	11	11
2021	33	17	16	11	5	5	21	11	11
2022	33	17	16	11	5	5	21	11	11
2023	33	17	16	11	6	5	22	11	11
2024	34	17	17	11	6	5	22	11	11
2025	34	17	17	11	6	5	22	11	11
2026	34	17	17	11	6	6	22	11	11
2027	35	18	17	11	6	6	22	11	11
2028	35	18	17	11	6	6	23	12	11
2029	35	18	17	12	6	6	23	12	11
2030	36	18	18	12	6	6	23	12	11
2031	36	18	18	12	6	6	23	12	12
2032	36	18	18	12	6	6	24	12	12
2033	37	18	18	12	6	6	24	12	12
2034	37	18	18	12	6	6	24	12	12
2035	37	19	18	12	6	6	24	12	12
2036	37	19	18	12	6	6	24	12	12
2037	37	19	18	12	6	6	25	12	12

Table A7.7.10 Projected School Age population Size (thousands) of Addis Ababa City Administration, Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	262	123	139	102	44	58	285	112	173
2009	258	123	135	94	42	52	262	105	157
2010	254	123	131	91	41	50	237	98	140
2011	251	123	128	90	42	49	216	92	125
2012	248	122	126	91	42	49	202	88	114
2013	246	122	124	90	42	48	194	86	108
2014	246	122	124	88	42	46	191	86	105
2015	257	127	130	86	42	44	190	87	104
2016	271	134	137	84	41	43	189	87	102
2017	289	143	146	84	41	43	186	87	99
2018	309	153	157	85	42	44	183	87	96
2019	332	164	168	86	42	44	181	86	95
2020	358	177	181	87	42	45	180	86	94
2021	376	186	190	97	47	50	181	86	95
2022	394	195	199	110	54	56	183	87	96
2023	410	203	207	117	57	60	194	92	102
2024	424	210	214	123	60	63	208	99	109
2025	437	217	220	130	63	66	225	107	118
2026	448	222	226	135	66	69	245	117	128
2027	457	227	230	141	69	72	258	124	134
2028	463	230	233	146	72	74	271	130	141
2029	467	232	235	151	74	77	282	136	147
2030	469	233	236	154	76	78	293	141	152
2031	470	233	236	157	77	80	304	146	157
2032	469	233	236	159	78	81	313	151	162
2033	468	233	235	161	79	82	320	155	166
2034	466	232	234	161	79	82	326	158	169
2035	464	231	233	161	79	82	331	160	171
2036	461	229	232	161	79	82	334	161	173
2037	460	229	231	160	79	82	335	162	173

Table A7.7.11 Projected School Age population Size (thousands) of Dire Dawa , Medium Variant: 2008-2037

Year	7-12			13-14			15-18		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
2008	51	26	25	17	8	8	32	16	16
2009	52	26	26	17	8	8	34	16	17
2010	52	26	26	17	9	9	34	17	18
2011	52	26	26	17	9	9	35	17	18
2012	53	27	26	18	9	9	36	18	18
2013	53	27	26	18	9	9	36	18	18
2014	53	27	26	18	9	9	37	18	19
2015	53	27	26	18	9	9	37	18	19
2016	53	27	26	18	9	9	38	19	19
2017	53	27	26	18	9	9	38	19	19
2018	54	27	26	18	9	9	38	19	19
2019	54	27	27	19	9	9	39	19	19
2020	55	28	27	19	9	9	39	19	20
2021	56	28	28	18	9	9	39	20	20
2022	57	29	28	18	9	9	39	20	20
2023	58	30	29	19	9	9	39	20	19
2024	60	30	30	19	10	9	39	20	19
2025	61	31	30	19	10	10	39	20	19
2026	63	32	31	20	10	10	39	20	19
2027	64	32	32	20	10	10	40	20	20
2028	66	33	33	21	10	10	41	21	20
2029	67	34	34	21	11	11	42	21	21
2030	69	34	34	22	11	11	43	22	21
2031	70	35	35	22	11	11	44	22	22
2032	71	35	36	23	11	11	45	23	22
2033	72	36	36	23	12	12	46	23	23
2034	73	36	37	24	12	12	47	23	23
2035	74	37	37	24	12	12	48	24	24
2036	75	37	38	25	12	13	49	24	24
2037	75	37	38	25	12	13	50	25	25

Table A7.8 Summary Demographic Indicators of Population Projection, Country Total: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	4.47	3.94	3.45	3.05	2.75	2.5
calculated TFR	4.47	3.94	3.45	3.05	2.75	2.5
GRR	2.18	1.92	1.68	1.49	1.34	1.22
NRR	1.89	1.70	1.53	1.38	1.26	1.16
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.63	0.57	0.5	0.44	0.4	0.36
Mortality						
Male LE	57.9	60.2	62.4	64.3	66.2	67.6
Female LE	61.9	64.2	66.6	68.7	70.7	72.4
Total LE	59.9	62.2	64.5	66.5	68.5	70
IMR	72	62.4	53.3	45.8	39.2	34.5
U5MR	112.9	95.9	79.9	66.8	55	47.4
Vital rates						
CBR per 1000	33.4	30.3	27.0	24.2	22.1	20.2
CDR per 1000	8.4	7.2	6.3	5.7	5.4	5.3
RNI Percent	2.51	2.31	2.07	1.85	1.66	1.49
GR Percent	2.51	2.31	2.07	1.85	1.66	1.49
Doubling Time	28.0	30.4	33.8	37.9	42.0	47.0
Population						
Percent 0-4	15.53	14.40	13.10	11.87	10.86	10.00
Percent 5-14	26.53	25.57	24.58	23.10	21.42	19.86
Percent 15-24	21.14	20.94	20.59	20.38	20.10	19.31
Percent 15-19	48.73	50.48	51.99	53.61	54.71	55.25
Percent 15-49	54.95	57.11	59.26	61.67	63.93	65.75
Percent 65 and over	2.99	2.92	3.05	3.36	3.79	4.39
Percent female 15-49	49.38	50.95	52.29	53.72	54.63	55.00
Sex Ratio	101.41	101.07	100.87	100.73	100.61	100.48
Dependency Ratio	0.82	0.75	0.69	0.62	0.56	0.52
Median Age	19.0	20.0	21.0	22.0	24.0	25.0
Percent Urban	18.2	20.4	22.8	25.4	28.2	31.1
Percent Rural	81.8	79.6	77.2	74.6	71.8	68.9

Table A7.8.1 Summary Demographic Indicators of Population Projection, Tigray Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	4.03	3.6	3.23	2.92	2.67	2.45
calculated TFR	4.03	3.6	3.23	2.92	2.67	2.45
GRR	1.97	1.76	1.58	1.42	1.3	1.2
NRR	1.62	1.49	1.38	1.28	1.19	1.11
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.54	0.5	0.45	0.42	0.38	0.35
Mortality						
Male LE	57	59.7	62.2	64.5	66.6	68.2
Female LE	61.4	64	66.8	69.2	71.5	73.3
Total LE	59.2	61.9	64.6	66.9	69.1	70.8
IMR	72	62.4	53.3	45.8	39.2	34.5
U5MR	113	95.9	79.9	66.8	55	47.4
Vital rates						
CBR per 1000	30.7	28.5	26.2	23.9	21.6	19.4
CDR per 1000	10.2	8.9	7.8	7	6.4	6.2
RNI Percent	2.05	1.96	1.84	1.69	1.52	1.33
GR Percent	1.97	1.88	1.76	1.61	1.44	1.25
Doubling Time	35.6	37.2	39.7	43.4	48.5	56
Population						
Percent 0-4	13.74	13.01	12.18	11.28	10.38	9.51
Percent 5-14	25.89	23.99	22.41	21.47	20.35	19.13
Percent 15-24	21.08	21.26	20.78	19.56	18.61	18.18
Percent 15-19	48.83	51.24	53.04	53.91	54.43	54.65
Percent 15-49	56.16	58.88	61.21	62.8	64.41	65.92
Percent 65 and over	4.21	4.12	4.2	4.46	4.86	5.44
Percent female 15-49	49.79	51.83	53.25	53.77	54.01	54
Sex Ratio	97.07	97.29	97.57	97.86	98.13	98.35
Dependency Ratio	0.78	0.7	0.63	0.59	0.55	0.52
Median Age	20	21	22	24	25	27
Percent Urban	22.63	26.07	29.82	33.87	38.17	42.67
Percent Rural	77.37	73.93	70.18	66.13	61.83	57.33

Table A7.8.2 Summary Demographic Indicators of Population Projection, Afar Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	4.11	3.57	3.13	2.79	2.55	2.36
calculated TFR	4.11	3.57	3.13	2.79	2.55	2.36
GRR	2	1.74	1.53	1.36	1.24	1.15
NRR	1.68	1.5	1.35	1.23	1.15	1.07
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.57	0.51	0.46	0.4	0.35	0.33
Mortality						
Male LE	61.3	63.6	65.9	67.6	69.1	70.5
Female LE	62.4	65.1	67.8	70.1	72.3	74.1
Total LE	61.8	64.3	66.7	68.7	70.6	72.1
IMR	61.8	53.3	45.6	39.5	34.3	30.4
U5MR	95.2	80.1	66.5	55.9	46.9	40.6
Vital rates						
CBR per 1000	30.7	27.1	23.6	20.6	18.5	17.3
CDR per 1000	7.5	6.7	6	5.7	5.6	5.7
RNI Percent	2.32	2.04	1.76	1.49	1.29	1.16
GR Percent	2.76	2.48	2.15	1.89	1.7	1.54
Doubling Time	25.5	28.2	32.5	37.1	41.1	45.5
Population						
Percent 0-4	14.01	12.68	11.3	10.01	9	8.38
Percent 5-14	22.56	21.6	22.04	20.44	18.66	16.97
Percent 15-24	23.88	21.74	18.38	18.01	18.84	17.89
Percent 15-19	55.09	55.99	55.49	56.61	57.04	56.55
Percent 15-49	61.6	63.42	63.79	65.89	67.83	69.27
Percent 65 and over	1.83	2.3	2.87	3.66	4.52	5.38
Percent female 15-49	54.75	54.49	53.35	54.39	55.06	55
Sex Ratio	123.27	120.85	119.08	117.31	115.88	114.83
Dependency Ratio	0.62	0.58	0.57	0.52	0.47	0.44
Median Age	20	22	24	26	27	29
Percent Urban	16.51	19.22	21.21	23.34	25.62	28.04
Percent Rural	83.49	80.78	78.79	76.66	74.38	71.96

Table A7.8.3 Summary Demographic Indicators of Population Projection, Amhara Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	4.57	3.68	3.17	2.82	2.56	2.36
calculated TFR	4.57	3.68	3.17	2.82	2.56	2.36
GRR	2.23	1.8	1.55	1.38	1.25	1.15
NRR	1.84	1.53	1.35	1.23	1.14	1.07
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.61	0.53	0.45	0.39	0.36	0.34
Mortality						
Male LE	57.5	61.3	63.7	66	67.7	69.3
Female LE	61.4	64	66.8	69.2	71.5	73.3
Total LE	59.5	62.6	65.2	67.6	69.6	71.3
IMR	70.9	59.4	50.7	43.3	37.5	32.8
U5MR	111.1	90.7	75.4	62.5	52.2	44.6
Vital rates						
CBR per 1000	34.2	28.3	24.8	22.4	20.7	19.3
CDR per 1000	10.2	8.4	7.3	6.6	6.3	6.1
RNI Percent	2.4	1.99	1.75	1.58	1.44	1.32
GR Percent	2.18	1.77	1.52	1.36	1.22	1.1
Doubling Time	32.1	39.6	45.8	51.3	57	63.2
Population						
Percent 0-4	15.04	13.52	11.75	10.67	9.88	9.33
Percent 5-14	24.88	24.47	24.05	21.76	19.65	18.27
Percent 15-24	20.93	20.59	19.79	20.17	20.26	18.61
Percent 15-19	48.97	50.51	51.85	54.04	55.25	55.22
Percent 15-49	56.23	58.13	60.1	63.1	65.51	66.8
Percent 65 and over	3.85	3.88	4.1	4.46	4.95	5.59
Percent female 15-49	49.49	50.93	52.17	54.21	55.24	55.06
Sex Ratio	100.4	100.35	100.43	100.51	100.54	100.52
Dependency Ratio	0.78	0.72	0.66	0.58	0.53	0.5
Median Age	19	21	22	24	25	27
Percent Urban	14.5	17	19.8	21.9	24.1	26
Percent Rural	85.5	83	80.2	78.1	75.9	74

Table A7.8.4 Summary Demographic Indicators of Population Projection, Oromia Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	5.15	4.48	3.82	3.25	2.83	2.49
calculated TFR	5.15	4.48	3.82	3.25	2.83	2.49
GRR	2.51	2.19	1.86	1.59	1.38	1.21
NRR	2.1	1.88	1.65	1.43	1.27	1.13
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.69	0.61	0.53	0.47	0.41	0.36
Mortality						
Male LE	57.6	60.2	62.9	65.4	67.7	69.4
Female LE	62.4	65.1	67.7	70.1	72.3	74.1
Total LE	60	62.7	65.3	67.7	70	71.7
IMR	69	59.6	50.8	43.1	36.5	31.9
U5MR	107.6	90.9	75.4	61.8	50.6	43.1
Vital rates						
CBR per 1000	36.5	33.1	29.4	26	23.2	20.5
CDR per 1000	9.4	7.9	6.8	5.9	5.3	5.1
RNI Percent	2.71	2.52	2.27	2.01	1.78	1.54
GR Percent	2.74	2.54	2.29	2.03	1.8	1.56
Doubling Time	25.7	27.6	30.6	34.5	38.8	44.6
Population						
Percent 0-4	16.23	15.13	13.78	12.41	11.18	10.12
Percent 5-14	28.61	26.93	25.2	23.84	22.14	20.38
Percent 15-24	20.87	21.49	21.8	21.11	20.32	19.74
Percent 15-19	46.59	49.1	51.52	53.25	54.76	55.8
Percent 15-49	52.27	55.12	58.12	60.59	63.13	65.36
Percent 65 and over	2.89	2.81	2.9	3.16	3.56	4.13
Percent female 15-49	47.06	49.46	51.78	53.39	54.75	55.65
Sex Ratio	100.94	100.62	100.42	100.32	100.26	100.24
Dependency Ratio	0.91	0.81	0.72	0.65	0.58	0.53
Median Age	17	18	20	21	23	25
Percent Urban	13.63	14.95	16.38	17.91	19.56	21.31
Percent Rural	86.37	85.05	83.62	82.09	80.44	78.69

Table A7.8.5 Summary Demographic Indicators of Population Projection, Somali Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	5.2	4.86	4.52	4.18	3.85	3.49
calculated TFR	5.2	4.86	4.52	4.18	3.85	3.49
GRR	2.54	2.37	2.2	2.04	1.88	1.7
NRR	2.15	2.07	1.97	1.86	1.74	1.59
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.7	0.68	0.66	0.56	0.49	0.46
Mortality						
Male LE	58.1	60.8	63.2	65.4	67.1	68.8
Female LE	63.5	66.3	68.7	71	72.9	74.7
Total LE	60.5	63.3	65.8	68.1	69.9	71.6
IMR	66.4	56.8	48.8	41.8	36.7	32.3
U5MR	103	86	71.9	59.6	51	43.9
Vital rates						
CBR per 1000	37.7	34.7	30.7	27	25	24.2
CDR per 1000	9.8	8	6.8	6	5.7	5.5
RNI Percent	2.79	2.67	2.39	2.1	1.93	1.87
GR Percent	2.75	2.63	2.35	2.05	1.89	1.83
Doubling Time	25.5	26.7	29.8	34.1	37.1	38.3
Population						
Percent 0-4	16.67	15.82	14.46	12.91	11.8	11.39
Percent 5-14	21.56	22.88	25.98	24.84	22.99	21.07
Percent 15-24	23.1	20.21	16.17	17.69	20.7	20.16
Percent 15-19	52.47	51.62	49.14	50.71	51.93	52.35
Percent 15-49	58.79	58.53	56.6	58.83	61.23	63
Percent 65 and over	2.98	2.77	2.96	3.42	3.97	4.54
Percent female 15-49	52.67	50.16	46.87	48.66	50.36	51.33
Sex Ratio	121.6	116.55	113.21	110.85	109.06	107.64
Dependency Ratio	0.7	0.71	0.77	0.7	0.63	0.59
Median Age	20	21	21	21	22	24
Percent Urban	14.15	14.38	14.68	15.04	15.49	16.02
Percent Rural	85.85	85.62	85.32	84.96	84.51	83.98

Table A7.8.6 Summary Demographic Indicators of Population Projection, Benshangul Gumz Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	4.36	3.75	3.24	2.85	2.57	2.36
calculated TFR	4.36	3.75	3.24	2.85	2.57	2.36
GRR	2.13	1.83	1.58	1.39	1.25	1.15
NRR	1.82	1.61	1.42	1.28	1.17	1.09
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.62	0.54	0.47	0.42	0.38	0.34
Mortality						
Male LE	57.1	59.2	61.5	63.6	65.5	67
Female LE	61	63.2	65.6	67.9	70	71.9
Total LE	59	61.2	63.5	65.7	67.7	69.4
IMR	75.9	66.2	56.8	48.7	41.5	36.4
U5MR	120	102.7	86	71.7	59.1	50.4
Vital rates						
CBR per 1000	33.4	29.9	26.6	23.5	21	19
CDR per 1000	8.2	7	6.2	5.7	5.3	5.3
RNI Percent	2.52	2.29	2.04	1.79	1.57	1.37
GR Percent	3.17	2.94	2.61	2.43	2.14	2
Doubling Time	22.2	24	27	28.9	32.7	35
Population						
Percent 0-4	15.4	14.11	12.77	11.52	10.38	9.47
Percent 5-14	26.99	25.29	23.69	22.23	20.64	19.02
Percent 15-24	21.56	21.63	21.25	20.3	19.55	18.85
Percent 15-19	49.9	52.41	54.39	55.73	56.65	56.97
Percent 15-49	55.36	58.36	61.14	63.48	65.72	67.56
Percent 65 and over	2.25	2.24	2.4	2.77	3.26	3.95
Percent female 15-49	50.65	52.95	54.66	55.56	56.11	56.12
Sex Ratio	103.21	103.01	103.21	103.32	103.39	103.4
Dependency Ratio	0.81	0.71	0.64	0.58	0.52	0.48
Median Age	18	20	21	23	25	26
Percent Urban	18	21.18	23.52	26.02	28.7	31.54
Percent Rural	82	78.82	76.48	73.98	71.3	68.46

Table A7.8.7 Summary Demographic Indicators of Population Projection, SNNP Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	4.72	4.24	3.78	3.37	3.03	2.72
calculated TFR	4.72	4.24	3.78	3.37	3.03	2.72
GRR	2.3	2.07	1.84	1.64	1.48	1.33
NRR	1.9	1.76	1.61	1.47	1.35	1.23
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.63	0.57	0.52	0.48	0.43	0.39
Mortality						
Male LE	56	58.6	61.3	63.6	65.9	67.6
Female LE	61.4	64	66.8	69.2	71.5	73.3
Total LE	58.7	61.3	64.1	66.4	68.7	70.5
IMR	74.1	64.5	55	47.4	40.4	35.6
U5MR	116.6	99.6	82.9	69.4	57.1	49.1
Vital rates						
CBR per 1000	35.1	32.5	29.9	27.3	24.7	21.9
CDR per 1000	9.5	8.2	7.2	6.4	5.8	5.6
RNI Percent	2.55	2.43	2.28	2.09	1.88	1.64
GR Percent	2.49	2.37	2.21	2.03	1.82	1.57
Doubling Time	28.2	29.6	31.6	34.5	38.4	44.4
Population						
Percent 0-4	15.47	14.66	13.75	12.78	11.76	10.72
Percent 5-14	28.66	26.4	24.29	23.35	22.26	21.04
Percent 15-24	21.1	21.71	21.91	20.61	19.39	19.1
Percent 15-19	47.79	50.17	52.22	52.97	53.65	54.26
Percent 15-49	53.48	56.47	59.27	60.77	62.36	63.99
Percent 65 and over	2.39	2.47	2.69	3.1	3.61	4.26
Percent female 15-49	48.73	50.91	52.74	53.26	53.71	54.11
Sex Ratio	98.47	98.23	98.13	98.09	98.07	98.05
Dependency Ratio	0.87	0.77	0.69	0.65	0.6	0.56
Median Age	18	19	20	22	23	25
Percent Urban	12	13.96	15.72	17.25	18.56	19.66
Percent Rural	88	86.04	84.28	82.75	81.44	80.34

Table A7.8.8 Summary Demographic Indicators of Population Projection, Gambella Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	3.53	3.11	2.79	2.56	2.4	2.27
calculated TFR	3.53	3.11	2.79	2.56	2.4	2.27
GRR	1.72	1.52	1.36	1.25	1.17	1.11
NRR	1.5	1.36	1.24	1.16	1.11	1.05
Mean Age of Childbearing	30.1	30.3	30.6	30.8	31	31.2
Child-Woman Ratio	0.51	0.46	0.41	0.38	0.35	0.33
Mortality						
Male LE	57.1	59.2	61.5	63.6	65.5	67
Female LE	62.8	65.1	67.5	69.6	71.6	73.2
Total LE	59.8	62.1	64.4	66.5	68.4	69.9
IMR	72.4	62.8	53.7	46	39.3	34.9
U5MR	113.5	96.5	80.4	66.9	55.3	48
Vital rates						
CBR per 1000	29	26.1	23.6	21.3	19.5	18
CDR per 1000	7.2	6.5	5.8	5.5	5.3	5.3
RNI Percent	2.18	1.97	1.77	1.59	1.43	1.27
GR Percent	3.52	3.1	3.13	2.76	2.46	2.31
Doubling Time	20	22.7	22.5	25.5	28.6	30.3
Population						
Percent 0-4	13.42	12.35	11.28	10.45	9.62	8.94
Percent 5-14	24.52	22.39	20.9	19.81	18.79	17.72
Percent 15-24	22.56	21.68	20.53	19.16	18.31	17.78
Percent 15-19	54.76	56.9	58.1	58.42	58.29	57.72
Percent 15-49	60.36	63.32	65.57	66.99	68.26	69.26
Percent 65 and over	1.7	1.94	2.26	2.75	3.33	4.08
Percent female 15-49	55.34	56.72	57.27	57.18	56.91	56.41
Sex Ratio	108.93	109.09	108.98	108.75	108.5	109.05
Dependency Ratio	0.66	0.58	0.53	0.49	0.46	0.44
Median Age	20	22	24	25	27	28
Percent Urban	29.08	32.06	34.85	37.73	40.71	43.76
Percent Rural	70.92	67.94	65.15	62.27	59.29	56.24

Table A7.8.9 Summary Demographic Indicators of Population Projection, Harari Region: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	3.17	2.76	2.49	2.32	2.22	2.17
calculated TFR	3.17	2.76	2.49	2.32	2.22	2.17
GRR	1.55	1.35	1.21	1.13	1.08	1.06
NRR	1.34	1.2	1.1	1.04	1.01	1
Mean Age of Childbearing	30.1	30.3	30.6	30.8	31	28.6
Child-Woman Ratio	0.46	0.4	0.36	0.34	0.32	0.3
Mortality						
Male LE	64.2	66.3	67.9	69.4	70.8	72.1
Female LE	65.7	68.2	70.6	72.5	74.3	76
Total LE	64.9	67.2	69.2	71	72.5	74
IMR	51.5	44.2	38.4	33.5	29.7	26.3
U5MR	76.9	64	53.9	45.6	39.4	34.1
Vital rates						
CBR per 1000	26.5	23.9	21.9	20	18.3	17.1
CDR per 1000	7.1	6.2	5.7	5.4	5.4	5.4
RNI Percent	1.94	1.78	1.62	1.46	1.29	1.16
GR Percent	2.88	2.59	2.35	2.11	1.88	1.7
Doubling Time	24.4	27.1	29.9	33.3	37.2	41.1
Population						
Percent 0-4	12.32	11.26	10.38	9.67	8.92	8.29
Percent 5-14	23.02	21.33	19.87	18.71	17.7	16.67
Percent 15-24	21.26	20.65	19.65	18.24	17.26	16.56
Percent 15-19	54.45	56.32	57.2	57.1	56.5	55.38
Percent 15-49	61.37	64.06	66.16	67.46	68.46	69.05
Percent 65 and over	3.3	3.34	3.6	4.16	4.92	5.99
Percent female 15-49	54.6	56.75	57.7	57.34	56.44	55.04
Sex Ratio	101.74	101.97	101.99	101.88	101.71	101.51
Dependency Ratio	0.63	0.56	0.51	0.48	0.46	0.45
Median Age	22	23	25	27	29	30
Percent Urban	54.79	55.72	56.95	58.17	59.38	60.58
Percent Rural	45.21	44.28	43.05	41.83	40.62	39.42

Table A7.8.10 Summary Demographic Indicators of Population Projection, Addis Ababa: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	1.83	1.88	1.93	1.98	2.04	2.12
calculated TFR	1.83	1.88	1.93	1.98	2.04	2.12
GRR	0.89	0.92	0.94	0.97	1	1.03
NRR	0.79	0.83	0.87	0.9	0.94	0.98
Mean Age of Childbearing	28.6	28.6	28.6	28.6	28.6	28.6
Child-Woman Ratio	0.3	0.32	0.31	0.26	0.24	0.27
Mortality						
Male LE	60.2	62.7	64.9	66.8	68.4	69.9
Female LE	66.8	69.2	71.5	73.2	75.1	76.6
Total LE	63.7	66.1	68.4	70.2	71.9	73.5
IMR	57.1	49	42	36.9	32.5	28.8
U5MR	86.5	72.3	59.8	51.3	44.1	38.1
Vital rates						
CBR per 1000	24.5	23.7	19.8	16.4	15.6	17.2
CDR per 1000	7.5	6.9	6.2	5.9	5.9	6.1
RNI Percent	1.7	1.68	1.36	1.05	0.97	1.11
GR Percent	2.54	2.51	2.15	1.79	1.69	1.81
Doubling Time	27.6	28	32.6	39	41.2	38.7
Population						
Percent 0-4	10.49	10.96	9.82	8.21	7.41	7.77
Percent 5-14	13.56	15.28	18.38	18.26	16.27	14.3
Percent 15-24	21.88	15.17	12.72	14.39	17.28	17.29
Percent 15-19	65.26	62.29	58.26	57.46	55.53	52.73
Percent 15-49	72.66	70.37	67.95	69.08	71.23	71.5
Percent 65 and over	3.29	3.39	3.84	4.45	5.09	6.43
Percent female 15-49	66.59	64.18	60.45	60.06	57.92	54.55
Sex Ratio	90.64	90.08	89.61	89.03	88.42	87.78
Dependency Ratio	0.38	0.42	0.47	0.45	0.4	0.4
Median Age	26	29	30	31	32	32
Percent Urban	100	100	100	100	100	100
Percent Rural	0	0	0	0	0	0

Table A7.8.11 Summary Demographic Indicators of Population Projection, Dire Dawa: 2008-2037

Medium Variant	2008-2012	2013-2017	2018-2022	2023-2027	2028-2032	2033-2037
Fertility						
Input TFR	2.66	2.42	2.28	2.2	2.15	2.12
calculated TFR	2.66	2.42	2.28	2.2	2.15	2.12
GRR	1.3	1.18	1.11	1.07	1.05	1.03
NRR	1.09	1.01	0.98	0.96	0.95	0.95
Mean Age of Childbearing	30.1	30.3	30.5	30.7	31	31.2
Child-Woman Ratio	0.37	0.34	0.33	0.32	0.31	0.29
Mortality						
Male LE	59.9	61.9	63.5	65	66.4	67.5
Female LE	62.4	65	67.2	69.1	70.8	72.3
Total LE	61.1	63.4	65.3	67	68.6	69.9
IMR	64.6	56.7	50.4	45.1	40.5	36.8
U5MR	99.9	86	74.9	65.5	57.4	51
Vital rates						
CBR per 1000	23.9	22.7	21.5	19.7	17.8	16.2
CDR per 1000	8.2	7.4	6.9	6.6	6.5	6.5
RNI Percent	1.57	1.53	1.46	1.31	1.14	0.97
GR Percent	3.06	2.82	2.77	2.62	2.29	2.13
Doubling Time	23	24.9	25.4	26.8	30.6	32.8
Population						
Percent 0-4	10.73	10.32	9.89	9.38	8.64	7.91
Percent 5-14	21.82	19.2	17.77	17.47	17.03	16.2
Percent 15-24	22.38	21.3	19.53	17.1	16.05	16.05
Percent 15-19	57.43	59.58	60.06	58.93	57.71	56.4
Percent 15-49	64.35	67.32	68.96	69.25	69.72	70.31
Percent 65 and over	3.11	3.16	3.37	3.9	4.61	5.58
Percent female 15-49	57.86	60.12	60.47	58.72	57	55.21
Sex Ratio	100.73	100.69	101.62	101.89	101.48	101.9
Dependency Ratio	0.55	0.49	0.45	0.44	0.43	0.42
Median Age	23	25	26	28	30	31
Percent Urban	68.46	69.27	70.32	71.35	72.36	73.35
Percent Rural	31.54	30.73	29.68	28.65	27.64	26.65

Minutes of the Expert consultation on Population Projections held on 21st March 2012

An expert consultation on population projections was held on 21st March 2012 at Harmony Hotel, Addis Ababa. The Consultation was chaired by Mr Biratu Yigezu, Deputy Director General, CSA and was attended by invitees from NGOs and International organizations. The list of participants is given in the Annex.

In his opening remarks, Mr. Biratu explained the need for a revised set of population projections. He mentioned the fact that the population projections have not been revised after the 2007 census and that it is time to move on leaving the controversies relating to that census behind as many Government Ministries and other data users need estimates of population for the present and the future for their planning and policy formulations. He explained the rationale for organizing the consultation and indicated the main areas where CSA would like inputs from the experts – base level estimates and assumptions regarding fertility, mortality, migration and urbanization. He also requested for suggestions on how to educate the lay data users on what the projections are, since the past experience indicates that many people seem to consider it as a gold standard against which even the census figures are compared.

After the opening remarks, a short presentation was made on the issues that are to be discussed. A short note containing the same issues and some data were circulated to the participants for their reference. The issues were then taken up one by one. The gist of the discussions under various topics is given in the following paragraphs.

Method of projection and period

The issues discussed under this section are:

What should be the method of projecting country level and national level figures. The options are:

A top down approach where the country level figures are projected and consistent projections are prepared at sub-national levels subsequently. This has the advantage that the estimates for fertility and mortality, based on sample surveys, are more stable at national level.

Bottoms up approach where the population is projected independently for each of the regions and the results are added up to get the national level figures.

What should be the period of projections – short, medium or long term.

It was explained that in case of the making national level projections first and then working out regional level projections, one method of achieving consistency would be to pro-rata adjust the regional level estimates to conform to the national level figures. Some of the participants preferred the bottoms up approach. After discussions it was decided that the estimates need be worked out independently at regional and national levels and the differences and the reasons therefore may be examined before taking a decision.

Regarding the period of projections it was felt that even though the short term projections would be

more reliable in terms of accuracy, many of the data users including Government would require figures for a longer period for perspective planning exercises. As far as long term projections are concerned it was felt that it may not be worth the effort as it is difficult to predict the path the parameters would take. Taking the data requirements and technical aspects it was suggested that CSA may continue the past practice of having a 30 year projection. It was also suggested that the limitations of the projections for longer period may be clearly brought out in the report.

Fertility:

The base levels of fertility and the likely levels during the projection period were discussed under this topic. As fertility levels would have higher impact on future population than mortality levels, it was felt necessary to ensure that the base levels and future estimates are good.

The fertility estimates from 2007 census based on the questions on children ever born (life time fertility) and births in the previous year are higher than the estimates from EDHS 2005 and 2011. The estimates from EDHS and the preliminary estimates from the Intercensal Population Survey 2012 based on the data on birth history are somewhat consistent. In view of this, it was felt necessary to discuss the issue in detail. The participants were informed that the preliminary estimates of fertility from the Inter Censal Population Survey 2012, used data on birth history and the same methodology as in DHS.

One of the opinions was that avoiding census estimates may have consequences on the public perception on the reliability of census data. It was however pointed out that only the indirect estimates would not be used. The basic population figures and age distribution would form the basis of the projections. It was suggested to have a re-look at the methodologies and also that the consistency with past census data may give some indications.

The indirect methods of estimation used from census were explained in some detail. It was explained that when the estimates appeared to be very high the entire estimation process was gone into in detail by national and international demographers. In the methods based on comparing current fertility with life time fertility, there is a possibility of overestimating fertility when fertility is falling. If not all, part of the difference can be attributed to that. It was indicated that if the same indirect methods used with census data are applied to DHS data, it also gives a higher estimate.

It was the general opinion that the DHS data on births would be of better quality compared to census due to the method of data collection, training to enumerators, and the type of supervision and editing of the data in the field.

It was pointed out that using a lower estimate of fertility for population projections, if it does not represent the correct level, would have serious consequences. It would result in plans being made for a lower population (especially smaller number of children) resulting in shortages even in the immediate future.

The Government has set certain targets on contraceptive prevalence and corresponding reduction in fertility and are making all out efforts to achieve these targets. These also should be taken into consideration while estimating the future levels.

Efforts were made by Futures Group some time earlier to look at the trends in fertility levels using RAPID models that take into consideration various aspects relating to fertility decline. It was suggested that these can also be taken into consideration.

A more detailed analysis may be made of the fertility levels estimated from ICPS 2012 was suggested. How the other countries, that used DHS data instead of census data on fertility, could argue for such a course of action may also be looked into so that proper justification can be given in the report for not using the census estimates.

Mortality:

The discussions centred on the following questions:

1. Whether the levels of mortality in terms of the expectation of life at birth appear reasonable at national and regional level?
2. The increments in expectation of life that should be assumed in the future for males and females
3. The model life tables should be used for making population projections

The estimates estimated life expectancy from ICPS 2012 are higher by 3-4 years at national level compared to the corresponding estimates from census 2007. The estimates from both for Affar, Harari, Addis Ababa and Dire Dawa are significantly higher than those for other regions. While the high proportion of urban population having better access to health facilities could be a reason for the higher figures in Harari, Addis Ababa and Dire Dawa, such reasoning does not apply to Affar. It was felt that there may be cultural and other factors that help in reducing mortality in Affar.

Normally at the level of life expectancy noted for most of the regions one can expect an improvement in the region of 0.5 years per annum (2.5 years in a five year period) in the life expectancy at birth. The slightly higher improvement seen between 2007 (census) and 2012 (ICPS) may be partly due to the sampling errors inherent in the estimates based on the ICPS 2012. Since the projections would be based on 2007 population data, it was felt that the estimates from census that is closer to the base year can be used as the starting point for mortality projection.

Regarding the model life table to be used for projections, the initial feeling was that instead of West Model, the North Model may be used. The In-Depth model specially suited for African mortality situations was also considered. However, as doubts were expressed whether the Population Projection software “Spectrum” can use them, it was decided to restrict the consideration to those models usable with the “Spectrum” software.

It was suggested that the consistency between life expectancy, IMR and child mortality levels (U5MR) in the model life tables should be checked before making a final decision on the specific model to be used.

Migration

The only source of data that could give some indication of the trends in migration is the Inter Censal Population Survey. The data from these survey indicated that Gambella, Benishangul-Gumuz and Affar had substantial net in-migration in the recent years. Whether these regions have potential to absorb migrants of the scale indicated by the survey was considered in detail.

It was explained that a number of mechanised agricultural farms are being set up in these areas. These would be bringing in labour from other regions. Since the population size of these

regions are comparatively small the rates of migration appear to be large. It is possible that the migration rates may not continue at the observed levels for long.

It was a general opinion that the future migration rates would depend highly on the Government policies regarding investment and also the local population's attitude towards in-migrating people. One suggestion was to assume the present levels for the above regions only for the first decade of the projection period and assume that the rates would come down in the future. It was also suggested that the ICPS data may be further analysed to see whether clear trends emerge from the data so that the assumptions on migration patterns can be fine tuned.

Urbanization

The country is at a very low level of urbanization and the Government policies on industrialization and GTP may result in much faster urbanization compared to the past. During 1994-2007, urban population growth rate was higher than that of rural growth rates by about 1.5 percentage points annually. If urbanization increases this difference is likely to increase.

There is a need to look into the plans and policies formulated by the Ministry of Urban Development also.

It was informed that some work on urbanization prospects with a detailed analysis of the policies was done by Futures Group. It was suggested that these may be looked into and appropriate rates of urban growth arrived at.

HIV/AIDS

The importance of HIV/AIDS for a projection exercise considering the low levels of HIV prevalence in the country was discussed. One specific question was whether the mortality pattern assumed will take care of HIV also. It was pointed out that even at a low level of incidence, it can result in some significant effect on the age distribution in the future, though the overall impact on the population size may be very small.

The model life tables used for projections would not take care of HIV related mortality properly as HIV has impact on the affected population and the children as well.

It was explained that the In Depth model life tables include life tables for low and high prevalence of HIV. However, it can not be used with the Spectrum software.

It was also suggested that HIV prevalence rates of 2 per cent can not be considered as low. If funds for controlling HIV are not sustained, there is a likelihood of the rates going up even.

It was suggested that different scenarios with possibly different levels HIV may be worked out and the results be examined. A decision on inclusion or otherwise may be made after examining the results.

Geographic level for projections

The lowest geographic levels at which projections are to be made was discussed in detail. While there is a demand for projections at Wereda level, there are inherent difficulties due to non

availability of enough data and the comparatively fluid nature of population growth at such small levels making such an exercise difficult. CSA has been publishing population estimates at Wereda level using mathematical methods.

It was recognised by all participants that wereda level estimates are required. There was also a consensus that wereda level projections need not be part of the national and regional level projections. One suggestion was that CSA can prepare the wereda level estimates and provide it to data users on demand. It can also continue to publish them in the Statistical Abstract.

It was pointed out that Regions have been making their own estimates for new weredas or where wereda boundaries have changed. It was suggested that CSA may provide some technical assistance to the Regions in preparing such estimates based on sound techniques and also to ensure uniformity in methodology across the regions. It was felt necessary to involve other Government sectors also in such an exercise to provide support.

One of the suggestions was to involve the Statistical Council in ensuring that same methodologies are used across the country.

Conclusion

The participants were requested that any additional suggestions/comments that they have may be sent to CSA as early as possible. It was specifically requested that ways on how to educate the lay data users need be thought of and participants may communicate any ideas on this aspect to CSA.

The meeting ended with a vote of thanks to all participants and the chair.

List of Participants

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