THE REPUBLIC OF RWANDA

Fourth Population and Housing Census, Rwanda, 2012

Thematic Report

Population Projections

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Ministry of Finance and Economic Planning
National Institute of Statistics of Rwanda

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Table of Contents

List of Tables

List of Figures

List of Abbreviations

AGR	Annual Growth Rate
ASDR	Age-Specific Death Rate
ASFR	Age-Specific Fertility Rate
CBR	Crude Birth rate
CDR	Crude Death Rate
CPR	Contraceptive Prevalence Rate
DemProj	Computer Programs for Making Demographic (Population) Projections
DHS	Demographic and Health Surveys
EDPRS	Economic Development and Poverty Reduction Strategy
EICV	Enquête Intégrale sur les Conditions de Vie des Ménages (Integrated Household Living Conditions Survey)
EU	European Union
GDP	Gross Domestic Product
GFR	General Fertility Rate
GRR	Gross Reproduction Rate
ICPD-PoA	Program of Action of the 1994 International Conference on Population and Development
IMR	Infant Mortality Rate
LEB	Life Expectancy at Birth
MDGs	Millennium Development Goals
MIC	Middle Income Country
MoH	Ministry of Health
NISR	National Institute of Statistics of Rwanda
NRR	Net Reproduction Rate
ONAPO	Office National de la Population
PHC	Population and Housing Census
PRB	Population Reference Bureau
RAPID	Resources of the Awareness of Population Impacts

RDHS	Demographic and Health Surveys
RPHC4	Fourth Rwanda Population and Housing Census
SBR	Standardized Birth Rate
TFR	Total Fertility Rate
U5MR	Under-Five Mortality Rate
UKAID	United Kingdom Agency for International Development (formerly DFID)
UN	United Nations
UNDP	United Nations Development Program
UNFPA	United Nations Population Fund
UNICEF	United Nations Children Fund
WB	World Bank

FOREWORD
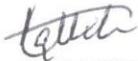
The undertaking of Population Censuses in Rwanda goes back to the year 1978 where the first ever Census was implemented. The second and third censuses were carried out in 1991 and 2002. The 2012 Census marks the Fourth in the series. It is undoubtedly that Census information, particularly if made available on a regular basis, is indispensible for planning, policy development, evaluation and for research purposes.
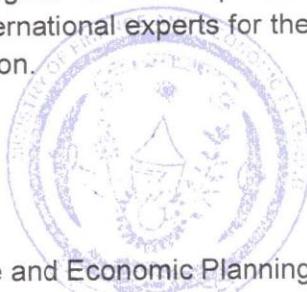
The final results of the 2012 Census are published in the form of statistical tables and analytical thematic reports. Generally, the results provide population counts down to the lowest administrative level, as well as demographic and socioeconomic indicators at both national and district levels. I recommend that such invaluable information contained in the census results be used as updated benchmarks for all development planning, and in monitoring and evaluation of Rwanda's development goals.

On this occasion, I would like to seize this opportunity to thank His Excellency the President of the Republic of Rwanda for his direct support to the census, the Government of Rwanda and development partners for providing the required resources for conducting the 2012 Census. Special gratitude goes to One UN, the European Union (EU), the United Nations Population Fund (UNFPA), the World Bank (WB), the United Kingdom AID (UKAID-formerly DFID), UN Women and UNICEF.

I would also like to thank all members of the National Census Commission and the Census Technical Committee for their able guidance of the entire Census operation. The National Institute of Statistics of Rwanda (NISR) deserves special appreciation for the successful implementation of this huge statistical undertaking and releasing the final results on time.

Special gratitude goes to all respondents, field staff from NISR and other government institutions and international experts for their sincere cooperation and dedication to successfully complete the mission.

Claver GATETE

Minister of Finance and Economic Planning, and
Chairperson of the National Census Commission

ACKNOWLEDGEMENTS

Executive Summary

Population projections are widely used virtually in all government sectors and private businesses and they are inevitable for policy makers and programme managers. This is particularly the case in Rwanda which is densely populated with exceptionally high population growth rate. The country has experienced rapid demographic and social changes in the last two decades following the 1994 genocide. The objective of the present report is to analyse the 2012 Rwandan Population and Housing Census (RPHC) data to project the national population and other specific intervention target groups, and their size, density, age-sex structure, distribution in urban and rural areas, size of private households and other related output indicators of fertility and mortality. Cohort component projections are applied based on three scenarios (high, medium and low) formulated using assumptions regarding future course of fertility and mortality, and reflecting on past trends and other existing and future development policies. The medium assumption scenario is regarded as the most likely projection.

The 2012 RPHC data recorded a total resident population of 10,515,973 inhabitants, with a slightly higher representation of women (51.8%). Both fertility and mortality levels remain high, although the rates have decreased substantially over the past decade. Indeed, under the current fertility conditions, a Rwandan woman would have 4.0 children on average at the end of her reproductive life when compared to a total fertility rate of 6.9 in 1991. The level of mortality has declined considerably. In particular, the infant mortality rate dropped considerably from 120 per 1000 live births in 1991 to 49 per 1000 in 2012 and the life expectancy at birth for both sexes has risen from 53.7 years in 1991 to 64.5 years in 2012.

The results from the population projections demonstrate evidence that in the next 20 years Rwandan population will be considerably different in terms of size, structure and composition than it is currently.

Size and density of future population

The Rwandan population is projected to increase from 10.5 million in 2012 to 16.9 million (high scenario) to 16.3 million (medium scenario) or 15.4 million (low scenario) by 2032. The absolute difference between the assumption scenarios is trivial, which suggests that the future size of Rwandan population would be about approximately 50% more than the current population. A direct consequence of this evolution is the unprecedented increase in population density, as high as 645 inhabitants per square kilometre according to the medium scenario. The population will be less young with the median age increasing from 19 years in 2012 to 24 in 2032. The percentage of the adult and the elderly aged 60 and above in the population will increase over time while the share of the children is expected to decline in the future.

Evolution of fertility and mortality

Regardless of the projection scenarios, fertility rates will decrease in the next 20 years. The current decline in fertility is assumed to continue over time with the total fertility rate decreasing from 4 children per woman to 3.5 (high scenario), 3 (medium scenario) and 2.5 (low scenario). The annual number of births is projected to increase from 321,506 in 2012 to 389,087 in 2027 and thereafter it will stand to 393,731 births. Mortality will also decrease, irrespective of the projection scenarios. According to the medium scenario, life expectancy at birth is likely to increase from 64.5 years to

71.4 years while infant mortality rate is likely to decrease from 48.6 to 27.7 per 1000 live births in the next 20 years.

Evolution of the urban and rural population

The urbanization rate is expected to increase from 16.5% in 2012 to 30% in 2032. This rapid growth is translated by the size of the urban population multiplied by a factor of three in the next 20 years: 1.7 million in 2012 to 4.9 million in 2032, according to the medium scenario. As for the whole population, the urban population will be less young with a median age increasing from 22 years to 25 years between 2012 and 2032. The rural population will also increase but at a slower pace than the urban population. According to the medium scenario, the rural population will be 11.4 million in 2032 compared to 8.7 million in 2012, equivalent to an increase rate of about 30%. The rural population will also be less young with a median age increasing from 19 years to 23 years between 2012 and 2032.

Evolution of some specific interventions target groups

The size of certain population subgroups such as the school-age population, the working-age population, the health interventions group, the elderly, the children and youth, and the legal age-groups categories will increase substantially over the next 20 years, especially in urban areas. For instance at the national level, the school-age population will increase from 4.3 million to 5.6 million between 2012 and 2032, equivalent to an increase of 30% over 20 years with marked differences by area of residence. The size of the working-age population aged 16-64 years in Rwanda will increase from 5.6 million in 2012 to 9.8 million in 2032, corresponding to an increase rate of 75%. This increase will be even greater in urban area where the working-age population will increase threefold in twenty years. In contrast, the increase in rural area will be only 45%.

The size of the elderly aged 60 and above will more than double between 2012 and 2032. The increase will be even more substantial in urban area where the number of the old people in 2032 will be 4.2 times greater than in 2012 while in the rural area the increase will be twofold. The increase also varies by sex, regardless of the area of residence. The increase in relative terms will be more accentuated among males than females at country and rural level than in urban area. For instance at the country level, the increase in elderly population between 2012 and 2032 of males will be 128% as compared to 106% among females.

Evolution of the private households

The number of private households will increase from 2.4 million to 5.3 million between 2012 and 2032. It will increase threefold in urban area whereas in rural areas this increase will be only 83%. The mean size of the households will vary slightly, decreasing from 4.3 members per household to 3.1 in 2032 with little variations between urban and rural areas. The annual number of newly created households will increase continuously over time: from about 94,000 in 2013 up to about 198,000in 2032.

Policy implications

A significant threat to population and development in Rwanda is the increasing land pressure. The country needs to put in place explicit policies to deal with the unavoidable and foreseeable population overcrowding aside from the current policies aimed at reducing the population growth. The expected growth of the urban population would exacerbate pressure on land, settlements, physical infrastructure and resources. This would imply revisiting urban planning and monitoring related interventions within the high population growth context, where appropriate giving attention to the future development of new settlements including roads, transport networks, water and electricity supply, health and educational facilities and other essential community facilities.

The growth rate and size of future youth and working-age population would pose additional challenges in terms of generating sustainable employment and livelihood opportunities in both urban and rural areas of Rwanda. The decline in fertility and improvements in adult and old age survival rates would imply that the future dependency ratio will be sensitive to the decreasing number of children and increasing number of elderly people in the population. This would have implications on providing social support and healthcare and living arrangements of the elderly population.

Chapter 1: Overview of the Fourth Rwanda Population and Housing Census

1.1 Context and justification

The history of the Population and Housing Census in Rwanda dates back to the 1970s. To date, four modern censuses have successfully been conducted in Rwanda, in 1978, 1991, 2002 and 2012.

The 2002 Census collected a number of demographic and socio-economic characteristics and indicated a total population of 8,128,553 people. Following the United Nations Decennial Census Program, the 2012 Census is the Fourth Rwanda Population and Housing Census (RPHC4). It indicates that the country now has a total population of 10,515,973 people.

Besides the endorsement of recommendations from major international conferences held under the auspices of the United Nations, the Government of Rwanda (GoR) has been focusing since 2000 on the long-term Vision 2020 that aims at transforming Rwanda into a middle-income country. This is being implemented through the medium-term planning framework of the Economic Development and Poverty Reduction Strategy (EDPRS) for successive five-year periods. The measurement of progress in implementing the EDPRS and the various UN recommendations calls for the availability of demographic and socio-economic statistical data to inform the selected indicators at different levels.

The RPHC4 is a reliable and comprehensive source of data, which compared to other official statistics data sources (administrative data, surveys, etc.) allows for disaggregation to the lowest geographical level.

The RPHC4 was undertaken to update the national mapping and demographic databases, to provide indicators for monitoring poverty reduction strategies and achievement of international development goals (MDGs, ICPD-PoA, NEPAD, etc.) and to strengthen the technical capacity of the National Institute of Statistics of Rwanda (NISR).

A more detailed discussion of the long- and short-term objectives of the Census is presented in Annex A of this report.

1.2 Legal and institutional frameworks

As an essential precondition for Census execution, the legalization of its operations was secured by a Presidential Decree officially establishing and determining the administrative organization of the Census. In addition, a Ministerial Order of the Minister of Finance and Economic Planning has set forth the official and statutory requirements for Census activities.

The institutional framework set up for implementing the RPHC4 consists of three main bodies: the National Census Commission (NCC), the Census Technical Committee (CTC) and the decentralized branches of the NCC at province and district levels.

In order to ensure focused functioning during the whole period of Census execution, a Census Unit was created within the NISR, as an executing unit, and benefiting from other financial, logistical and technical support services from the NISR.

1.3 Census phases

Following the preparatory phase of the Census, which consisted of the production of the project documents, schedule and Census budget, the following technical activities were undertaken:

- Census mapping;

- A Pilot Census;

- Questionnaire and manual development;

- Census publicity and sensitization campaign;

- Recruitment and training of field staff;

- Census enumeration; and

- Post-enumeration activities.

Further details on all Census phases can be found in Annex A of this report.

The success of the RPHC4 is attributable largely to the rigorous pre-Census planning and robust Census enumeration monitoring undertaken by the NISR as well as the remarkable support received from the Government and people of Rwanda and the generous technical and financial assistance given by international development partners.

Chapter 2: Justification and objectives of the population projections

2.1 Context

Since the 1994 genocide, Rwanda has made considerable progress in restoring peace and political stability, human development and social transformation. The enabling factors for this social development are wide ranging including: strong political commitment, good governance, accountability, effective decentralisation policies along with social reforms and programme interventions. The establishment of new villages in rural areas (*Umudugudu*) through resettlement programmes, universal health insurance scheme (*Mutuelle de santé)* and Economic Development and Poverty Reduction Strategy (EDPRS) are examples of successful social and health care interventions in Rwanda (Ministry of Finance and Economic Planning 2013; May and Kamurase 2009).

Despite these achievements, Rwanda's future has been threatened by an exceptionally high rate of population growth, which in turn has a negative consequence on physical and natural resources. In fact, Rwanda is one of the countries in Africa with a high population density (PRB 2013), where excessive population growth puts severe pressure on land, settlements and living conditions (NISR 2007). The country has since long time tried to integrate population issues into development programs through various efforts including the redistribution of population and land, and has been successful with direct interventions in reduce growth rate through effective family planning and healthcare programmes (Ministry of Finance and Economic Planning 2013; NISR, MoH and ICF International 2012; Singh et al. 2012; ONAPO 1990).

Since the last decade, the country has embarked on the implementation of multidimensional population policies that includes several features such as land management, improving health conditions of the population, universal access to healthcare including reproductive health and family planning services, and interventions aimed at improving the levels of education for girls. In 2000, the government launched the Vision 2020 programme with the aim of reducing population growth rate and to transform Rwanda into a middle income country with a target of reaching over 7% annual growth in GDP engaging service sectors, agriculture and industries as engines of economic growth (Ministry of Finance and Economic Planning 2000).

It is in this context where past, current and future population data become critically important for planning resources and monitoring developmental growth targets. More precisely, in order to support national, regional and local planning, the country needs to generate timely and reliable data to monitor social change, assess the impact of past interventions and integrate population variables in future interventions.

2.2 Justification of the population projections

The Fourth Population and Housing Census (PHC) of Rwanda was conducted on 15th August 2012, ten years after the previous one (2002) as recommended by the United Nations in order to provide the Rwandan Government, its development partners and all decentralized structures with reliable and up-to-date data disaggregated down to the lowest geographical level needed for an accurate description of the demographic and socioeconomic characteristics of the population.

Population projections are inevitable tool for decision makers and planners. The government ministries representing virtually all sectors, particularly health, education, transport, environment, social welfare and housing, constantly seek projections of future demographic parameters for planning purposes and resource allocation. These projections provide information on not only the future total population, but also disaggregated by age for certain specific sub-groups of the population such as school-age, working-age and elderly population, the female population in the reproductive ages and the expected number of births, the number of new households to be created, and other relevant estimates for designing healthcare interventions and economic planning to improve the living conditions of the future population.

Population projections provide information on the future population size and structure based on a set of assumptions about future changes in fertility, mortality and migration. They yield key population indicators needed for future planning, implementation, monitoring and evaluation of various, social, economic and developmental policies and programmes of a country. This is especially the case for the measurement of the progress made by Rwanda in implementing the national Economic Development and Poverty Reduction Strategy (EDPRS), progress towards the achievement of the Millennium Development Goals (MDGs) and the goals of the Program of Action of the 1994 Cairo International Conference on Population and Development (UNDP 2008; NISR 2007). The progress made in these indicators reflected in recent national level data from large-scale surveys such as the Demographic and Health Surveys (DHSs), Integrated Household Living Conditions Surveys (EICVs) and other data resources are crucial and should be integrated in building realistic assumption regarding future development of fertility and mortality (Binagwaho et al. 2013).

The future population size and structure are determined by the changes in fertility, mortality and migration. This implies that, in order to determine the structure of the future population, projections should consider cohorts defined by age and sex and make realistic assumptions regarding the future course of fertility, mortality and migration (O'Neill et al. 2001). It is important to determine the base year and duration of the projections, analyse the past trends of fertility, mortality and migration based on previous censuses and surveys and develop possible scenarios based on the assumptions regarding future changes in demographic events (births, deaths and migration).

Population projections can shed light on the interactions of various demographic variables and their impact on the future evolution of some parameters such as the size, composition and distribution of the population, and the related demographic events (births, deaths, marriage and migration). The projected population by age and sex can directly feed into population planning in terms of, for example, determining the number of nurses to be trained, the number of classrooms to be built, the public facilities and infrastructure needed for new settlements in urban areas and so on.

2.3 Objectives of the population projections

2.3.1 Overall Objective

The overall objective of the population projections is to provide decision-makers, planners and development partners with reliable information on the evolution of various aspects of the Rwandan population between 2012 and 2032.

2.3.2 Specific Objectives

More specifically, the objectives of the report are to project and interpret the future trends of:
- The size of the total population and its age-sex structure and density;
- The size of the urban and rural populations and their age-sex structures and densities;
- Fertility and mortality indicators;
- The size of specific interventions target groups; and
- The number and mean size of the private households along with the annual number of new households to be created.

2.4 Definition of concepts and key indicators

Age-dependency ratio: defined internationally as the ratio of persons in dependent ages (under 15 and over 60 years) to economically productive ages (15-59 years); in the Rwandan context under 16 and over 64 years as dependent, and 16-64 years as economically productive.

Age-sex structure: is the distribution of the population by age and sex.

Age-specific fertility rates (ASFRs): are obtained by dividing the number of births to women in a particular age group, in a specific calendar year, to the mid-year population of women in the same age group. The ASFR of a given age group in a given year measures the average number of children a woman of that age group would have under the current fertility conditions of that year and assuming that she will survive throughout the reproductive ages.

Average household size: is obtained by dividing the total population living in private household by the total number of private households.

Childbearing age: is generally defined for women as the age interval 15-49 years during which they give birth. It is also referred to as reproductive ages.

Children: are officially defined in Rwanda as persons aged 0-17.

Crude birth rate (CBR): is defined as the total number of live births per 1,000 inhabitants in a given year. It measures the frequency of births within a population.

Crude death rate (CDR): is defined as the total number of deaths per 1,000 inhabitants in a given year.

Doubling time: is the time that a population takes to double its current size calculated based on a given growth rate.

Elderly: is defined by the United Nations as people aged 60 years and above (United Nations, 2007). It is the same age used in the analysis of the 2002 Census and in the EICV3. However, in Rwanda the normal retirement age is now 65 years old and the early retirement age is 60 years instead of 55 years.

Fertility: refers to the current reproductive performance of a woman.

General Fertility Rate (GFR): measures the number of births in a given year divided by the corresponding mid-year population of women in the childbearing years (15-49). It is a refined measure when compared to CBR which includes total population at risk in the denominator.

Private Household: is defined as a household with a single person or a group of people living together voluntarily, having common housekeeping arrangements for supplying basic living needs, such as principal meals; the group may consist of related or unrelated persons.

Infant mortality rate (IMR): is the probability of dying before the first year of life in a specific year, usually expressed in terms of deaths per 1000 live births.

Life expectancy at birth (LEB): is a hypothetical measure that estimates the average number of years that a new born could expect to live if he/she had to live all his/her life under the current mortality conditions. Life expectancy can also be calculated any given age as the number of years a person of that age would expect to live again under the current mortality conditions.

Mean age at childbearing: is defined as the average age of mothers at the birth of their children if women were subject throughout their childbearing years to the age-specific fertility rates observed in a given year.

Migration: is defined as the movement of people across a specified boundary for the purpose of establishing a new residence.

Mortality: is defined as the number of deaths that occur in a population.

Net migration rate: is defined as the net effect of immigration and emigration on a given population, expressed as either increase or decrease per 1,000 inhabitants in a given year. It is calculated by dividing the difference between the number of in-migrants and the number of out-migrants by the resident mid-year population multiplied by 1,000.

Population census: is a system that collects data on the members of a population usually every 5 or 10 years. In Rwanda, the census is conducted every 10 years.

Population density: is defined as the number of persons per square kilometre.

Population dynamics: is a concept that addresses the changes or evolution of a population over time.
Population projections: are scenarios of what future populations might look like under given assumptions.

Population growth rate: is the rate at which a population grows during a given year, as the result of natural increase plus net migration; expressed as percentage of the base population.

School-age population: depends on the education system in a country. In Rwanda, the school-age population is defined as the population aged 3-18 years, classified by pre-school (3-6 years), primary (7-12 years), secondary (13-18 years) and college/university (19-24 years).

Sex ratio: is defined as the number of males per 100 females in a population. It is calculated by simply dividing the total number of males in the population by the total number of women multiplied by 100.

Total fertility rate (TFR): is the average number of children a hypothetical cohort of women would have at the end of their reproductive if they were subject to at each age/age group experiencing the corresponding ASFRs of a given period. It is calculated by summing the ASFRs and multiplying the sum by the width of the age interval.

Working-age population: is generally defined as population aged 15-64, but in Rwandan context the definition is the age interval 16-64 years.

Youth: in Rwanda is officially defined as people aged 14-35 years.

Chapter 3: Analysis of the national demographic context

3.1 Source of data

Since the last census in 2002, Rwanda has conducted several data collection operations nationwide that provide representative information on the levels and trends of key indicators on the population including size, age-sex structure and the driven factors of its dynamics. These sources of data are the Demographic and Health Surveys (DHSs) conducted respectively in 2005, 2007/2008 and 2010, the recent population and housing census conducted in 2012 and the series of the Integrated Households Living Conditions Surveys (EICV) conducted respectively in 2005/2006 and 2010/2011.

The DHSs highlight the demographic changes Rwanda has experienced in recent years especially with regard to fertility and childhood mortality, while the data from the last census provides information on the size, structure and spatial distribution of the total, urban and rural population. The population projections presented in this report will use these data to estimate the size, composition and dynamics of the population in the next twenty years.
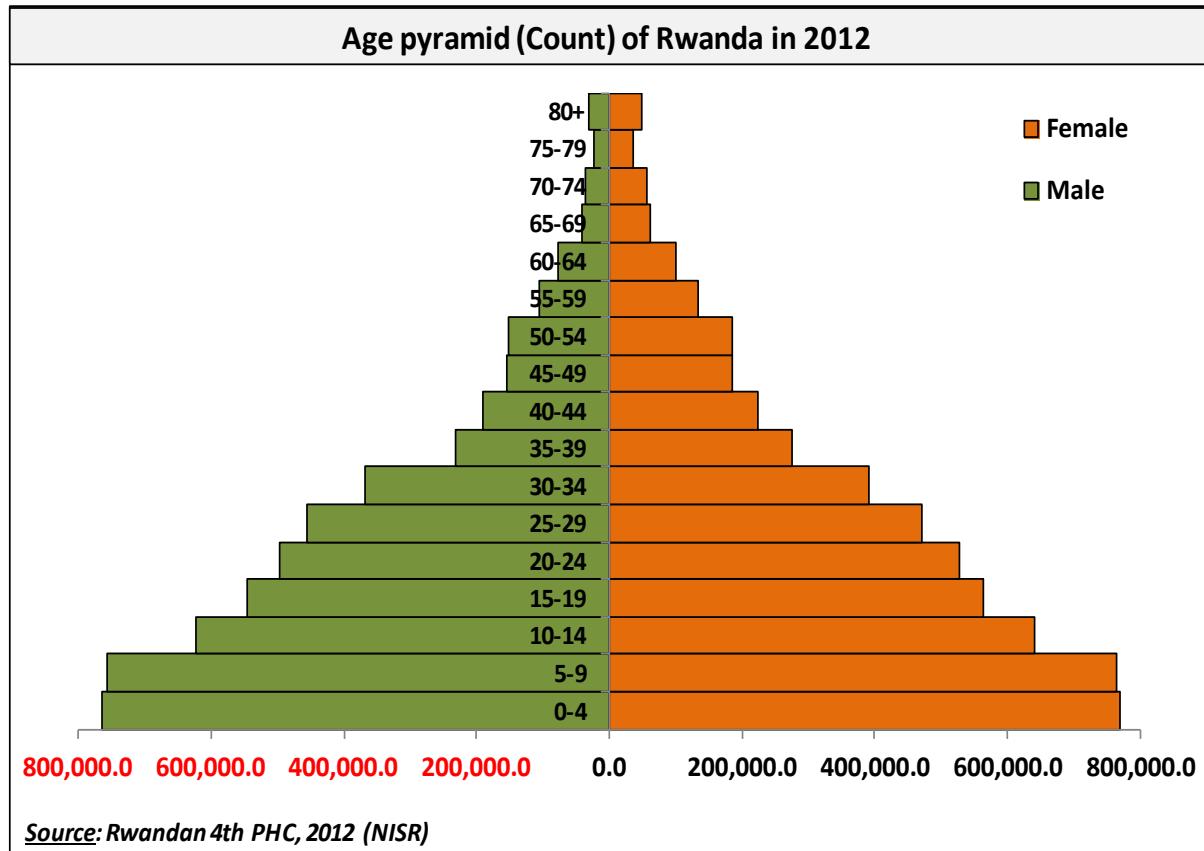
3.2 Size and age-sex structure of the population

The final results of the 4th Population and Housing Census of Rwanda give a total resident population of 10,515,973 people as of August 15th 2012, "census night". The population sex ratio is 92 males per 100 females, suggesting a higher representation of females (5,451,105) than males (5,064,868). The resident population recorded in the 2012 census added 2,387,420 more people when compared to the 2002 Census, yielding an intercensal average annual growth rate of 2.6%. This rate is similar to the average annual growth of the intercensal period 1978-1991 by greater than the 1991-2002 one. In fact, Rwanda has recorded an unprecedented low intercensal annual growth rate of 1.2% between 1991 and 2002 due to the 1994 genocide. The reversal of annual growth rate to 2.6% between 2002 and 2012 and relatively less distortions in the age structure shows evidence of Rwanda making a gradual recovery in terms of population lost due to the genocide. However the deficit of men in the 2002 census (91 males per 100 females) showed little improvement over time, although this imbalance has been declining especially at young ages (Figure 1).

The analysis of the age-sex structure of the population in 2012 highlights the following key findings:

- An expanded base of the age pyramid, characteristic of population with recent high fertility;
- A tapered top of the pyramid which is the result of especially high adult male mortality in the past;
- A predominantly young population: people under-20 years represent 52% of the total population.

Source: Rwandan 4th PHC, 2012 (NISR)

3.3 Population dynamics indicators

The three components that drive the dynamics of a population are: fertility, mortality and migration. The following section analyses these components.

3.3.1 Levels and trends of fertility

In Rwanda, fertility continues to exert considerable impact on natural increase in the population. Fertility can be measured using several indicators such as the Crude Birth Rate (CBR), Total Fertility Rate (TFR) and Age-Specific Fertility Rate (ASFR). According to the Fourth Rwanda Population and Housing Census (RPHC4), the TFR was 4.0 children per woman in 2012, twice lower than the 8.6 recorded in 1978 by the first PHC (Table 1).

Table 1: Trends in fertility from past censuses and nation-wide household surveys

Indicators	PHC 1978	PHC 1991	DHS 1992	DHS 2000	PHC 2002	DHS 2005	IDHS 2007	DHS 2010	PHC 2012
ASFR									
15-19	49	59	60	52	40	42	40	41	27
20-14	302	242	227	240	224	235	211	189	150
25-29	405	327	294	272	300	305	272	226	202
30-34	377	310	270	257	273	273	246	200	185
35-39	309	258	214	190	215	211	209	148	142
40-44	198	146	135	123	112	117	105	88	79
45-49	91	39	46	33	25	32	20	20	19
TFR	8.6	6.9	6.2	5.8	5.9	6.1	5.5	4.6	4.0
GFR	237	207	-	180	162		178	151	122
CBR	54.1	45.7	-	-	41.2		39.2	34.4	30.9

ASFR = Age-Specific Fertility Rate; TFR = Total Fertility Rate; GFR = General Fertility Rate; CBR = Crude Birth Rate
Sources: Rwanda 1978, 1991, 2002 and 2012 PHCs and Rwanda 1992, 2000, 2005, 2007 and 2010 DHSs

The significant decline of fertility can be partly explained by the increase in modern contraceptive use as shown by the increase in Contraceptive Prevalence Rate (CPR) from 10% in 2005 to 45% in 2010, combined with the increase in net attendance rate in secondary school for girls that increased from 10% in 2005 to 21% in 2012 (EICV 2010-11). More generally, the fertility decline seems to result from the government policy of raising public awareness down to the village level for the adoption of responsible parenthood behaviours and ensuring availability of community health services at the lowest geographical level.

According to censuses and surveys conducted in Rwanda, the total fertility rate (TFR) has increased by 20% from 5.9 children per woman in 2002 to 6.1 in 2005, before decreasing by 34% to 4.0 children per woman in 2012 (Table 3).

3.3.2 Levels and trends of mortality

Mortality is a key component of population change and has influence across all ages usually determined by a U-shape suggesting high concentration of deaths in the very young and old ages. It is measured by, among others indicators, the Crude Death Rate (CDR), life expectancy at birth (LEB), Infant Mortality Rate (IMR), child mortality rate and Under-five Mortality Rate (U-5MR). Life expectancy at birth is the best summary indicator to measure the level of mortality and health status in a population.

In Rwanda, life expectancy at birth (e_0) was 46.4 years in 1978, increased to 53.7 years in 1991 before decreasing to 51.2 years in 2002 (Table 2). Between 2002 and 2012, it has increased again by about 26%, from 51.2 years to 64.5. This is further reflected in the substantial reduction of IMR from 144 per 1000 live births in 1978 to about 49 in 2012. The under-five mortality has followed the same pattern. The changes in IMR between 1992 and 2002 were trivial, which is explained by the influence of the 1994 genocide. Most of the decline in mortality actually took place during the last decade.

Table 2: Trends in mortality indicators from past censuses and nation-wide household surveys

Indicators	PHC 1978	PHC 1991	DHS 1992	DHS 2000	PHC 2002	DHS 2005	IDHS 2007/8	DHS 2010	PHC 2012
IMR (‰)	144	120	85	107	139	86	62	50	48.6
U-5MR (‰)	224	195	151	196	221	152	103	76	72.2
e_0 (years)	46.4	53.7	-	-	51.2	-	-	-	64.5

IMR=Infant Mortality Rate; U-5MR=Under Five Mortality Rate; LE=Life Expectancy at Birth.
Sources: Rwanda 1978, 1991, 2002 and 2012 PHCs and Rwanda 1992, 2000, 2005, 2007 and 2010 DHSs

The increase in life expectancy at birth is due to the improvement of the health status of the population, especially during the last decade following several vigorous social and healthcare interventions aimed at reducing the leading causes of death through increase of the health personnel and infrastructure, improvement of the public hygiene systems, and universal access of the population to health insurance.

3.3.3 Levels and trends of migration

The pattern of migration in Rwanda varies according to the type of migration: internal vs. international.

Regarding internal migration, the majority of the population of Rwanda remain in their place of origin, since only 20% of the resident population were reported to reside in a district other than their district of birth (lifetime migrants), and 20% were reported having resided in a district different from their current district of residence in the last five years preceding the census date (recent migrants). The percentage is even lower if one considers the change of residence at the province rather than the district level.

The analysis of the origin and destination of migrants (migration flows) shows evidence that most migrants who changed their residence between provinces tend to move to neighbouring provinces. Conversely provinces receive migrants from neighbouring provinces or countries. Kigali City and Eastern Province received more migrants than other provinces of the country, regardless of the type of migration considered.

As for international migration, the stock is negligible as compared to the size of the whole population. Although there have been significant cross-border migration in Rwanda in the 1990s triggered by the 1994 genocide, this unusual phenomenon is unlikely to reoccur in the future. According to the 2012 PHC data, the foreigners represented only 0.9% of the resident population of Rwanda. This clearly suggests that international migration has negligible impact on population change in Rwanda and therefore the assumption of *negligible or zero net international migration* could be retained for the projections in the Rwandan context.

Chapter 4: Projections parameters, assumptions and scenarios

The development of population projections are based on the parameters specifications and assumptions. Given that population growth has implications in all sectors of the national life, population projections should integrate a systematic analysis of past trends of demographic components and derive realistic assumptions of future trajectories.

Rwanda, with an average annual growth rate of 2.6%, resembles other sub-Saharan African countries where rapid population growth constitutes a serious threat on the national development. Indeed, at this rate of growth, the population of Rwanda will double in 29 years reaching more than 21 million by 2041. Given the relatively small surface area of Rwanda (just above 26 thousands square kilometres) this rapid population growth will exert tremendous demographic pressure on available resources in the future.

The population projections are produced over a period of 20 years, from 2012 to 2032 in single and abridged years. The base year of the projection is 2012, year of RPHC4. The base population is the mid-year 2012 (1st July 2012) calculated from the RPHC4 data disaggregated by sex, age and area of residence.

4.1 Projections parameters

The projections parameters considered here are the distribution of the resident population by sex and age by area of residence, fertility indicators and mortality indicators.

4.1.1 Total, urban and rural population

The base population is the 2012 mid-year population that is as of July 1st, 2012. It is obtained by retro-projecting the resident population enumerated by the RPHC4 that refers to August 15th, 2012 using the 2002-2012 intercensal average annual growth rate. Table 3 presents the distribution of the base population by sex and 5-year age groups by area of residence. It has to be noted that the national population sex ratio of 92 males per 100 females is a reflection of the deficit of men in rural areas (91 males per 100 females) whereas that in urban areas is (105 males per 100 females). Further analysis show that men in the adult ages are more represented in urban areas suggesting labour migration flows of men from rural to urban areas. On the other hand, there is a balance in sex ratio in the population aged 0-4 years.

Table 3: **Age-sex structure of the total, urban and rural population at mid-year 2012 (July 1st, 2012)**

5 year age group	Total			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,532,834	764,679	768,155	226,305	113,423	112,882	1,306,529	651,256	655,273
5-9	1,518,793	755,420	763,373	201,260	100,774	100,486	1,317,533	654,646	662,887
10-14	1,261,796	621,851	639,945	176,960	86,609	90,351	1,084,836	535,242	549,594
15-19	1,109,912	545,385	564,527	190,639	88,811	101,828	919,273	456,574	462,699
20-24	1,024,952	497,834	527,118	225,623	115,700	109,923	799,329	382,134	417,195
25-29	925,387	455,252	470,135	210,408	115,361	95,047	714,979	339,891	375,088
30-34	759,138	367,034	392,104	159,625	88,707	70,918	599,513	278,327	321,186
35-39	507,792	231,926	275,866	98,957	53,315	45,642	408,835	178,611	230,224
40-44	414,302	190,303	223,999	71,472	39,498	31,974	342,830	150,805	192,025
45-49	339,688	154,986	184,702	50,235	27,703	22,532	289,453	127,283	162,170
50-54	337,183	151,288	185,895	41,264	22,246	19,018	295,919	129,042	166,877
55-59	240,708	106,571	134,137	26,765	13,989	12,776	213,943	92,582	121,361
60-64	175,788	76,266	99,522	18,604	9,336	9,268	157,184	66,930	90,254
65-69	102,308	40,066	62,242	10,792	4,662	6,130	91,516	35,404	56,112
70-74	91,954	35,235	56,719	9,093	3,704	5,389	82,861	31,531	51,330
75-79	60,037	23,419	36,618	6,125	2,418	3,707	53,912	21,001	32,911
80 +	80,069	31,649	48,420	8,048	2,862	5,186	72,021	28,787	43,234
Total	10,482,641	5,049,164	5,433,477	1,732,175	889,118	843,057	8,750,466	4,160,046	4,590,420

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

4.1.2 Fertility

Fertility indicators considered for the population projections are the Total Fertility Rate (TFR) and the Age-Specific Fertility Rates (ASFRs).

a) Trends in Total Fertility Rate

The base value of the Total Fertility Rate (TFR) is set at 4.0 children per woman derived from the RPHC4 (See the RPHC4 thematic report on "Fertility" by Uwayezu Beatrice). Taking into account the average rate of decline in TFR between 2002 and 2012 and the threshold effect, the expected TFR at the end of the projection period (2032) would be 3 children per woman at the national level.

b) Age-Specific Fertility Rates

As for the age-specific fertility rates, the projections will use the rates provided by the RPHC4. However, these are normalized so that the sum of the ASFRs will be 100%. In other terms what is used as input for the projections are the respective contributions of the 5-year age groups to the total fertility as measured by the TFR, as shown in Table 4.

Table 4:   Age-Specific Fertility Rates (%) and contribution to the general fertility

5-year age-group (Years)	Age-Specific Fertility Rates	Contribution (%) to the general fertility
15-19	27	3.4
20-24	150	18.7
25-29	202	25.1
30-34	185	23.0
35-39	142	17.7
40-44	79	9.8
45-49	19	2.4
Total		100.0

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

4.1.3 Mortality

The projections parameters for mortality are the life expectancy at birth and its evolution over time.

a) Life expectancy at birth

The evolution of mortality data shows that the average annual increase in life expectancy at birth during the period 1978-1991 were respectively 0.45 years for men, 0.68 years for females and 0.56 years for both sexes, while for the period 1991-2002 the average annual decrease in life expectancy at birth was about 0.23 years for the entire population. Between 2002 and 2012 the average annual increase rate in life expectancy at birth is1.33 years as shown in Table 5

Table 5:   Trends in life expectancy at birth and average annual growth rates between 1978 and 2012

Indicator	Sex			Gap between Male and Female
	Both sexes	**Male**	**Females**	
Life expectancy at birth e_0 (years)				
1978	46.4	45.1	47.7	2.6
1991	53.7	51.0	56.5	5.5
2002	51.2	48.4	53.8	5.4
2012*	64.5	62.6	66.2	3.6
Average annual increase rate per period				
1978–1991	+0.56	+0.45	+0.68	
1991–2002	-0.23	-0.24	-0.25	
2002–2012	+1.33	+1.42	+1.24	

Sources: Rwanda 1978, 1991, 2002 and 2012 PHCs
* See the RPHC4 thematic report on "Mortality" by Gasafari Willy

b) Operational Model for the decline of mortality

The estimation of the life expectancy at birth expected in 2032 is based on the United Nations Population Division model schedule of changes in life expectancy (United Nations, 1982). This schedule assumes that life expectancy at birth, for both males and females, increases by 2.0 to 2.5 years over each five-year period when life expectancy is less than 60 and then increases at a slower rate at higher levels. Table 6 shows the working model used in the United Nations population projections.

These assumptions are based on the principle that there are no external shocks such as war, national or global epidemic or other disasters and major economic crisis.

Table 6:   United Nations model of life expectancy improvement during a five-year period

Initial life expectancy	Rapid Rise		Moderate 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	0.8	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	-	0.5	-	0.4	-	0.3
85.0-87.5	-	0.5	-	0.4	-	0.3

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

The application of this model to the RPHC4 data gives an expected life expectancy at birth in 2032 of 69.3 years for men and 73.4 years for women.

4.2 Projections assumptions

The assumptions for each component of population change are explained in the sub-sections below.

4.2.1 Fertility

This sub-section will first examine the current situation of Rwanda in terms of policies and programs aimed at controlling fertility and then it will outline the assumptions on the future trends of fertility.

a) Policies and programs on fertility in Rwanda

Based on empirical data, fertility change in Rwanda can be classified into three periods reflecting on three phases of implementation of the national policies and programmes put in place to mitigate the rapid growth of the population. These include a period of steady decline in fertility (1978-1992), a period of increase in fertility (the 1994 genocide aftermath) and a period of rapid decline in fertility (2005 to present).

The period between 1978 and 1992 was marked by a steady decline of the fertility rate following a proactive governmental policy to reduce fertility by implementing a vigorous family planning programme using all available means. The 1994 genocide had a catastrophic impact on health systems and households were affected severely by the loss of family members. Fertility declined slightly during this period but then recuperated between 2000 and 2005. However, the post-2005 rapid decline in fertility was attributed to increase in access to community-based health services, successful public campaigns promoting responsible parenthood and more importantly a steady increase in the level of education of females.

b) Assumptions about future trends in fertility

The following assumptions were made based on an assessment of past and current trends in fertility:

1. *High assumption:* TFR would decrease from 4.0 children per woman to 3.5 children per woman between 2012 and 2032, assuming that the revised target of Vision 2020 would be reached by the end of the projection period:
   ✓ *TFR = from 4.0 children per woman in 2012 to 3.5 children per woman in 2032.*

2. *Medium assumption:* TFR would decrease constantly from 4 children per woman in 2012 to its current level in the capital city, Kigali which is about 3.0 children per woman in 2032 also based on the recent changes in fertility observed between 2005 and 2010 (RDHS-2005; RDHS-2010):
   ✓ *TFR = from 4.0 children per woman in 2012 to 3.0 children in 2032.*

3. *Low assumption:* TFR would decrease from 4.0 children per woman in 2012 to 3.0 children per woman in 2020 based on the revised target of Vision 2020. It is assumed that fertility will continue to decline to reach its current level among women with secondary and university level of educational attainment, which is about 2.5 children per woman by the end of the projections period, 2032:
   ✓ *TFR = from 4.0 children per woman in 2012 to 2.5 children in 2032.*

4.2.2 Mortality

a) Policies and programs related to mortality in Rwanda

As mentioned above, the current socio-health context of Rwanda is characterized by the increase in the availability of health facilities down to the lowest administrative level, universal access to health care through mandatory medical insurance for all, and significant improvement in family and environmental hygiene. These factors contributed to the decline in mortality as clearly illustrated by the increase in life expectancy at birth between 2002 (51.2 years for both sexes) and 2012 (64.5 years). It is assumed that these factors will continue to play a significant role in improving the health and living conditions of people, along with Vision 2020 agenda aimed at transforming Rwanda into a Middle Income Country (MIC) by 2020.

b) Assumptions regarding future mortality trends

Based on the assessment of past mortality trends and recent dramatic improvements in human survival attributed to social and economic development, it is assumed that life expectancy at birth in Rwanda will increase linearly up to 70 years by the end of the projection period (2032). Three assumptions have been put forwarded:

- *High assumption:* life expectancy at birth (LEB) would increase from 64.5 years in 2012 to 70.7 years in 2032, according to the low rise of the UN model of mortality decline (United Nations, 2003):
   ✓ *LEB (Male): 62.6 years in 2012 to 69.1 years in 2032*
   ✓ *LEB (Female): 66.2 years in 2012 to 72.3 years in 2032*

- *Medium assumption:* life expectancy at birth (LEB) would increase steadily from 64.5 years in 2012 to 71.4 years in 2032, according to the moderate rise of the UN model of mortality decline (United Nations, 2003):
  - ✓ *LEB (Male): 62.6 years in 2012 to 69.3 years in 2032*
  - ✓ *LEB (Female): 66.2 years in 2012 to 73.4 years in 2032*

- *Low assumption:* life expectancy at birth (LEB) would increase rapidly from 64.5 years 2012 to 72.6 years in 2032, according to the fast rise of the UN model of mortality decline (United Nations, 2003):
  - ✓ *LEB (Male): from 62.6 years in 2012 to 70.6 years in 2032*
  - ✓ *LEB (Female): from 66.2 years in 2012 to 74.5 years in 2032*

4.2.3 International Migration

As argued in sub-section 3.3.3, the contribution of international migration to Rwandan population growth would be negligible. Therefore we will assume that the net international migration would be zero for projecting the population at the national level throughout the projections period.
- ✓ *Assumption: Net international migration is zero*

4.3 Scenarios of projections

Based on the assumptions regarding fertility and mortality, three possible scenarios have been derived to project the Rwandan population from 2012 to 2032. These scenarios are:

- *High scenario* – where the TFR would decrease from 4.0 children per woman in 2012 to 3.5 at the end of the period of projections, while the life expectancy at birth would increase from 62.6 years in 2012 for men and 66.2 years for women to 69.1 years for men and 72.3 years for women in 2032.

- *Medium scenario* – where the TFR would decrease from 4.0 children per woman in 2012 to 3.0 at the end of the period of projections, while the life expectancy at birth would increase from 62.6 years in 2012 for men and 66.2 years for women to 69.3 years for men and 73.4 years for women in 2032.

- *Low scenario* – where TFR would decrease from 4.0 children per woman in 2012 to 3.5 in 2020, and to 2.5 by the end of the projection period, while the life expectancy at birth would increase from 62.6 years in 2012 for men and 66.2 for women to 70.6 years for men and 74.5 years for women in 2032.

4.4 Method of projections

The data from the above-presented scenarios will be used as inputs in the SPECTRUM software in its Demproj and Rapid modules to produce the size and other indicators of the evolution of population of Rwanda for the next 20 years (Stover and Kirmeyer 2005).

Different methods are used to make population projections depending on the type of projections: "global projections" or "sectoral projections". "Global projections" refer to the projections of the whole population while "Sectoral projections" refer to the projections of sub-group populations.

For "global projections", the method used is the so-called cohort component method which is based on the components of population change: fertility, mortality and migration. The logic of this method is explained by a simple equation (1):

$$Pop\ (t2) = Pop(t1) + B(t1, t2) - D(t1, t2) + Immig\ (t1, t2) - Emig(t1, t2)$$

Where:

- *Pop(t2)* is the size of the population at the most recent date;

- *Pop(t1)* is the size of the population at the previous date;

- *B(t1,t2)* is the number of births between t1 and t2;

- *D(t1, t2)* is the number of deaths between t1 and t2;

- *Immig(t1,t2)* is the number of immigrants between t1 and t2; and

- *Emig(t1, t2)* is the number of emigrants between t1 and t2.

In the present case we have supposed that the net international migration is zero. Then the equation (1) can be modified as:

$$Pop\ (t2) = Pop(t1) + B(t1, t2) - D(t1, t2)$$

This equation will be used to project the future size of the population of Rwanda in single years from 2012 to 2032, which is obtained by adding the annual number of births in 2012 to the base year population (2012) and subtracting the annual deaths at each age in the base year. The annual number of births is obtained by multiplying the ASFRs of 2012 to the female population at risk who are aged between 15 and 49 years. The number of births is further disaggregated by male and female births, by applying the sex ratio at birth assumption of 105 males per 100 females. The surviving births are then calculated by applying the probability of surviving at ages between 0 and 1. The number of annual number of deaths is obtained by applying survival ratios calculated from the 2012 Age-Specific Death Rates (ASDR) to the population of the different age groups. The deaths are disaggregated by sex. As for the ASDR, life expectancy for each sex is obtained by applying a linear interpolation using the observed life expectancy in 2012 and the assumed projected life expectancies by 2032.

The projections of the urban population are obtained by applying for each year the corresponding urbanization rate to the total population of the year. The urbanization rates for the projections years are obtained by linear interpolation using the observed urbanization rate in 2012 and the assumed urbanization rate of 30% by 2032.

The size of specific interventions target groups at each projections year is obtained by extracting the corresponding population from the total population of the year using the age-criteria that defined the group.

The projections of the private households are obtained through two steps. The first one consists of calculating the number of private households for the whole country and for the urban area by dividing the projected total and urban population with respectively the mean size of the households of the country and in urban area. The second step consists of calculating the number of private households in the rural area by subtracting the number of urban households from the total number of households. The newly annual created households for a given year is just the difference between the number of households of the preceding year and the number of households of that year.

Chapter 5: Projections of the total population

The size of the total population is an important factor in the calculation of many demographic and socio-economic indicators, as they provide information on the population at risk used in the denominator of calculating most of the indicators.

Knowledge of the future size of the total population and its composition by age and sex allows decision-makers and planners to apprehend the future of the population, taking into account its size, composition and dynamics to better assess its needs and design the programs to meet them.

This chapter presents the results of the projections of the total population over the period 2012-2032 according to the three projection scenarios presented in the preceding section.

5.1 Population size

Whatever the scenario considered, the size of the population of Rwanda will continue to increase from 10.5 million in 2012 to 16.9 million in 2032 according the high scenario, 16.3 million according to the medium scenario and 15.4 million according to the low scenario (Table 7). In other words, the population size would increase approximately by half of its current size during the next 20 years.

At the end of the period covered by the Vision 2020 (year 2020), the population size would be about 12.7 million according to the high and medium scenarios and 12.4 million according to the low scenario. The degree of uncertainty is usually low for short-term projections. By 2015, that is the ending year of the Millennium Development Goals, the population would be approximately 11.2 million according to the three projection scenarios.

The population size will not vary tremendously across the scenarios though the high scenario will gives a population size 1.5 million individuals more than the low scenario.

Table 7:   Evolution of the population size, 2012-2032 by projections scenarios
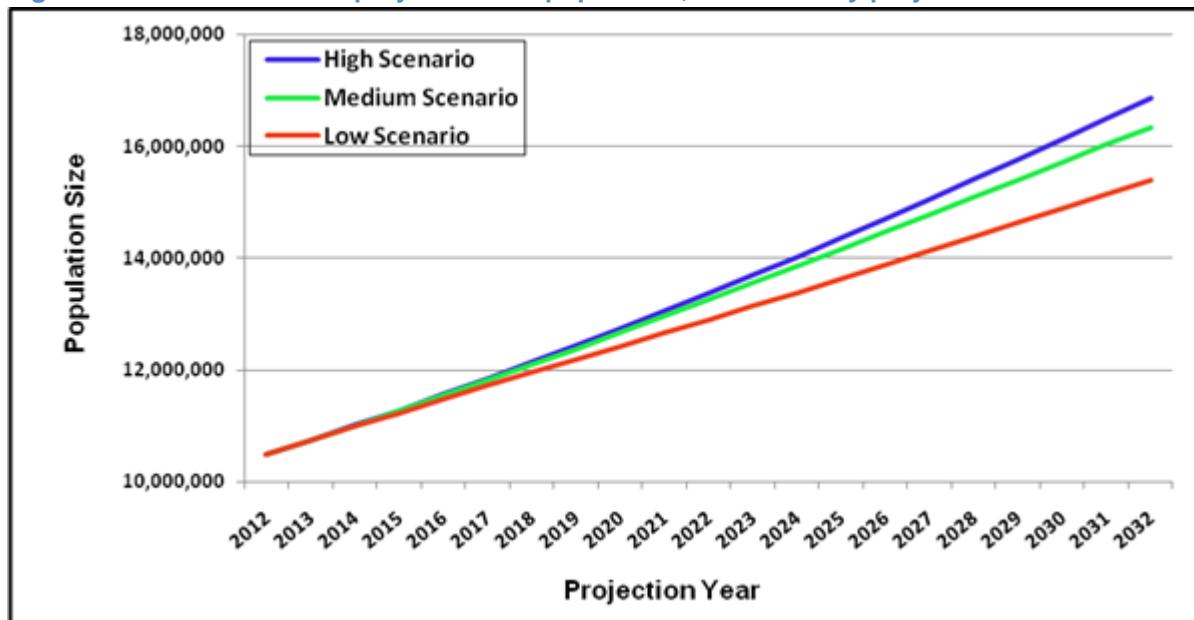
Projection Year	Population size (Inhabitants)		
	High Scenario	Medium Scenario	Low Scenario
2012	10,482,641	10,482,641	10,482,641
2014	11,002,628	10,996,891	10,978,629
2015	11,274,221	11,262,564	11,225,545
2017	11,839,419	11,809,300	11,713,993
2020	12,738,768	12,663,116	12,422,803
2022	13,371,544	13,252,272	12,897,779
2027	15,064,603	14,779,042	14,137,062
2032	16,875,142	16,332,184	15,402,934
% Increase (2012-2032)	61.0	55.8	46.9

Source: Rwanda 4*th* Population and Housing Census, 2012 (NISR)

The curve of the future population size by year, as illustrated in Figure 2, confirms that the difference between the three scenarios is not substantial. The population size from the low scenario starts being different from the two other scenarios around year 2017. The projected population size from the high and medium scenarios will remain close up to 2022.

This means that the evolution of the total population for the next 5 years is unlikely to be influenced by any existing or new policies and programmes. The difference in terms of the impact will be visible after 2017.
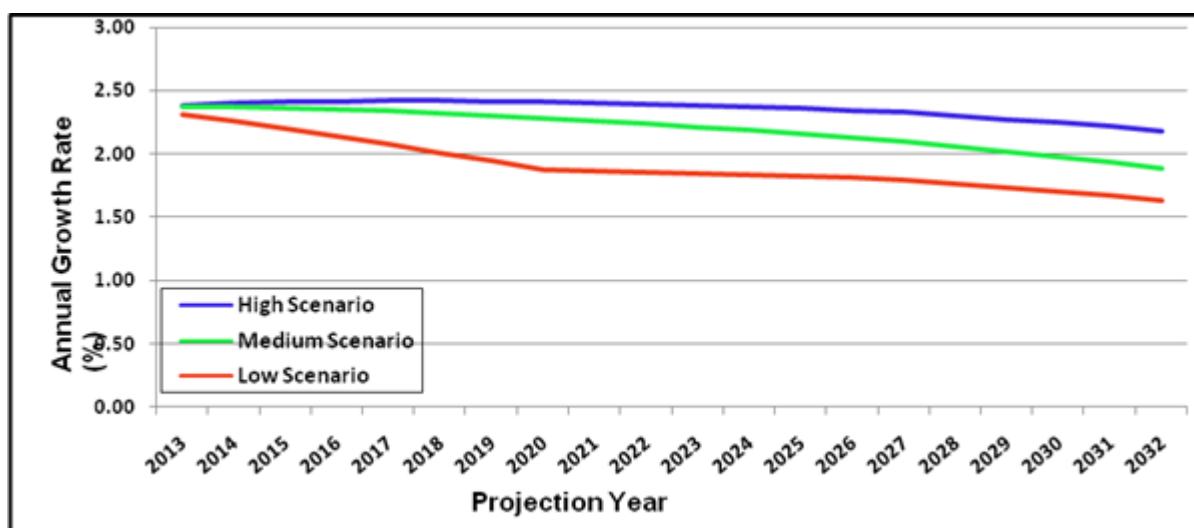
Figure 2:   Evolution of the projected total population, 2012-2032 by projection scenarios

5.2 Population growth

The evolution of the population size between 2012 and 2032 described above corresponds to the annual growth rates plotted in Figure 3. They reveal that although the size of the population will increase continuously, the pace of this increase will continuously decrease over time. For instance, the annual growth rate will decrease from 2.37% in 2013 to 2.18% in 2032 according to the high scenario, 2.37% to 1.89% according to the medium scenario and 2.31% to 1.63% according to the low scenario.
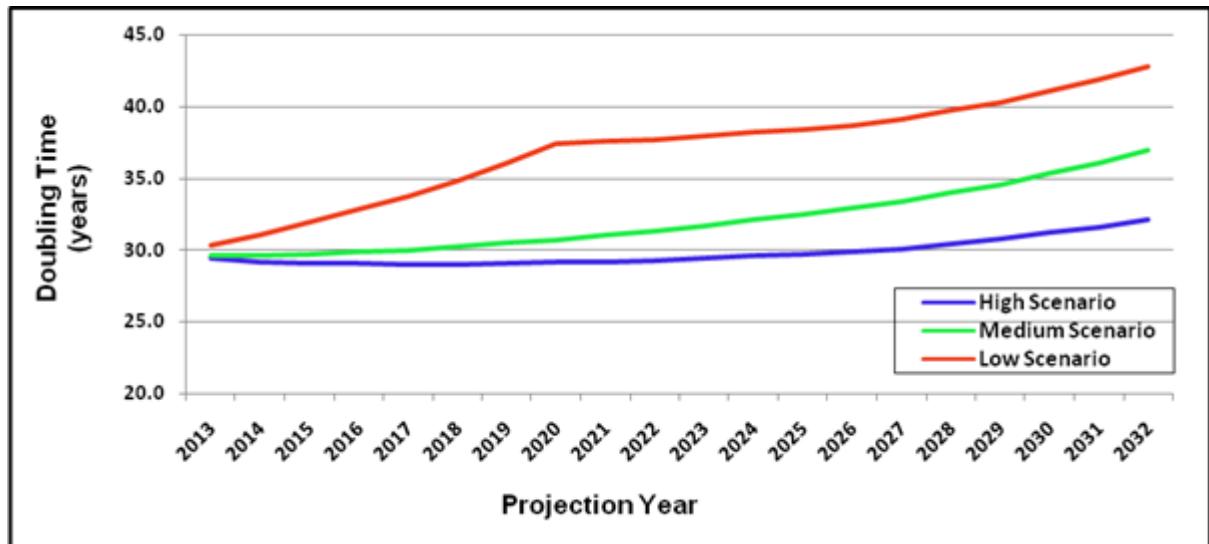
Figure 3:   Evolution of the average annual growth rate, 2012-2032 by projection scenarios

The evolution described above corresponds to different doubling time of the population size as

shown in Figure 4. Regardless of the scenarios, the doubling time will tend to increase reflecting the slowing down of the population growth. Assuming an exponential growth, the population of Rwanda would double every 29 years if it had to grow at the same pace as the average one recorded in the intercensal period 2002-2012. By 2032, this doubling time would increase up to 32 years (high scenario), 37 (medium scenario) and 43 (low scenario).

Figure 4: Evolution of the doubling time of the population, 2012-2032 by projection scenarios

In sum the findings show that irrespective of the scenarios, the population of Rwanda will continue to increase. It will reach 16.3 million by the end of the projection period (2032) according to the most likely scenario (the medium scenario). This will be 1 million inhabitants more than the figure from the most optimistic scenario (the low scenario) and a half million less than the high scenario. Though small in proportionate terms, the population sizes difference between the mean and the low scenarios will have a real impact on the limited resources of the country. In contrast the difference in terms of population growth and doubling time between the scenarios will be very important. For instance the doubling time according to the high scenario will be 11 years shorter than the one from the low scenario (32 vs. 43 years). This means that the type of programs and policies that will be implemented from now on will have a limited impact on the population of Rwanda in the near future but a significant one on the medium and long run, even beyond the projections period.

5.3 Population density

The density of the population of Rwanda will continue to grow regardless of the measures currently taken to mitigate its evolution. The current density of 414 inhabitants per square km is already one of the highest in Africa. Yet, in the next twenty years, there will be an additional 200 or even more inhabitants per square km depending on the projections scenarios. Table 8 reveals that by 2032, the population density will be 667 inhabitants per square km (high scenario), 645 (medium scenario) and 608 (low scenario).

Projections year	High scenario		Medium scenario		Low scenario	
	Population	Density (Inhabitants/ Sq.km)	Population	Density (Inhabitants/ Sq.km)	Population	Density (Inhabitants/ Sq.km)
2012	10,482,641	414	10,482,641	414	10,482,641	414
2014	11,002,628	435	10,996,891	434	10,978,629	434
2015	11,274,221	445	11,262,564	445	11,225,545	443
2017	11,839,419	468	11,809,300	467	11,713,993	463
2020	12,738,768	503	12,663,116	500	12,422,803	491
2022	13,371,544	528	13,252,272	524	12,897,779	510
2027	15,064,603	595	14,779,042	584	14,137,062	558
2032	16,875,142	667	16,332,184	645	15,402,934	608

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

The relatively high fertility and the improvements in human survival would imply that Rwanda will add more people and the pressure on land is likely to exacerbate within the next two decades, irrespective of the policies and programs implemented. Therefore the country needs to put in place explicit policies to deal with unavoidable and foreseeable population overcrowding aside from the current policies aimed at reducing the population growth.

5.4 Age-sex structure of the population
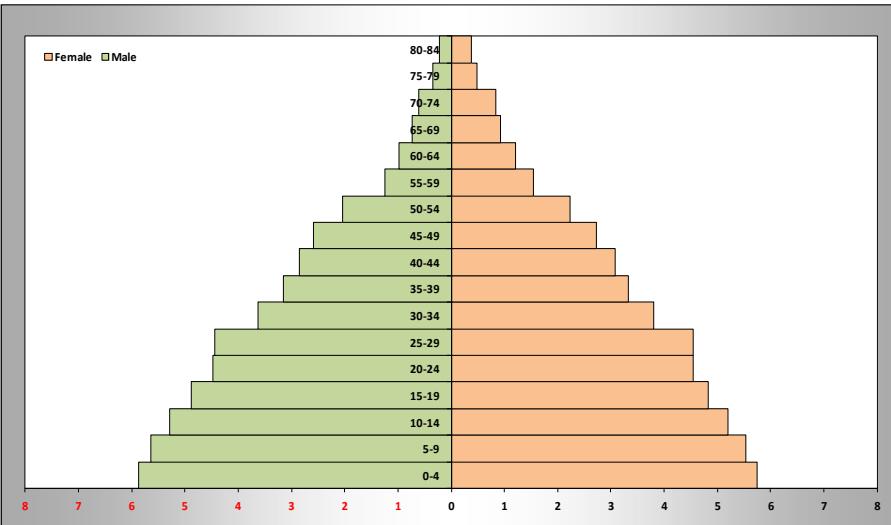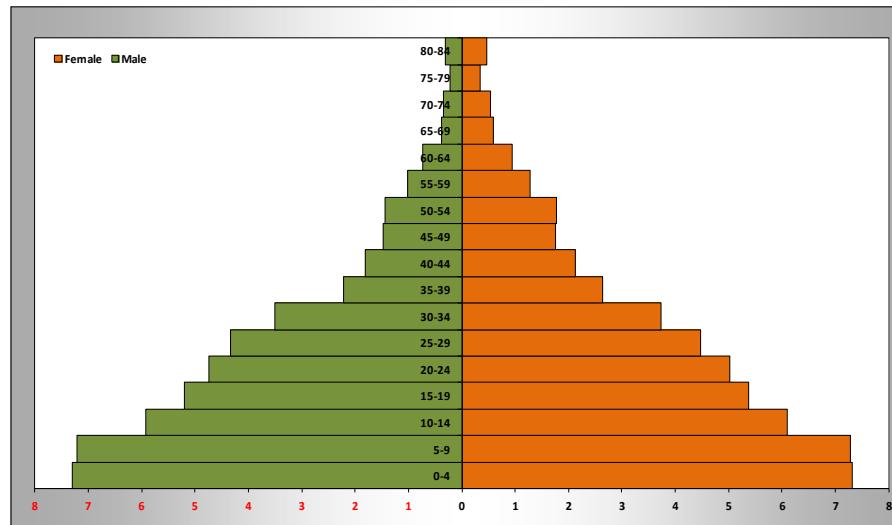
Figure 5 below gives the age-sex distribution (count) of the population by 2032 shows the age pyramid of Rwanda by 2032 as compared to the 2012 one according to the three projections scenarios. It reveals that:

- In 2032, the age pyramid of Rwanda will be quite different from the current one irrespective of the scenarios. The major change will be the decrease in the share of the children (0-14) in the total population and the increase in the share of the population aged 15-59. This means that the population will be less young in the future.

- The 2032 age-pyramid varies according to the projection scenario. The age pyramid from the high scenario in 2032 will be similar to the one of the countries with high fertility but with a greater share of the population aged 15-59. According to the medium scenario, the children aged 0-4 and 5-9 will continue to have the highest population share but with smaller difference as compared to the older age groups. The low scenario gives a pyramid that no longer has the shape of the countries with recent high levels of fertility and past adult mortality; the children aged 0-4 would no longer have the highest share among all age groups, consequence of the substantial fertility decline. The expected decline in fertility and mortality would create a bulge in the working-age population, and the top of the pyramid will gradually expand over time with a higher representation of elderly in the population.

Age-group pyramid (%) of the total population in 2012

Age-group pyramid (%) of total population by 2032 (Medium scenario)

Age-group pyramid (%) of total population by 2032 (High scenario)

Age-group pyramid (%) of total population by 2032 (Low scenario)
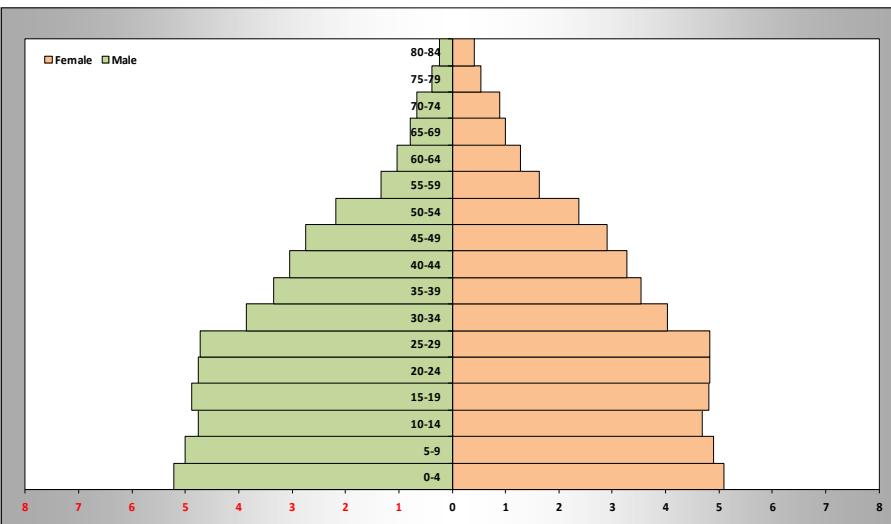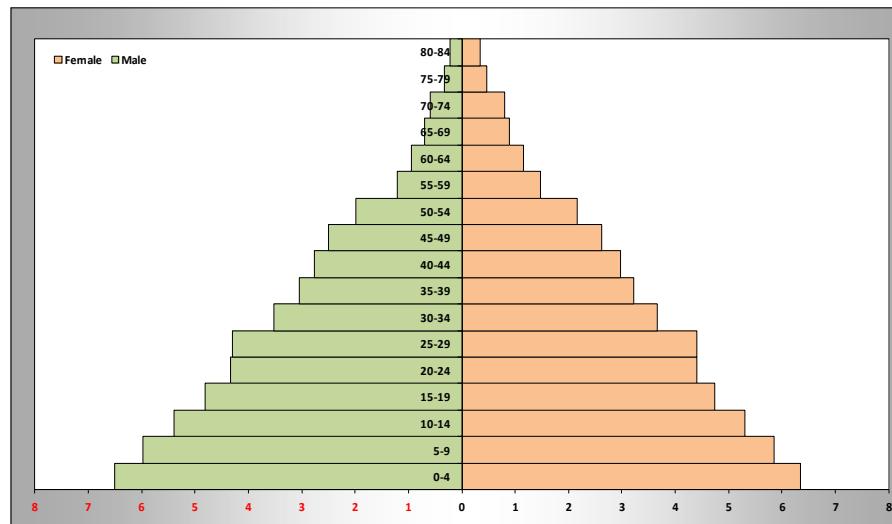
Table 9: **Age-sex distribution (count) of the population of Rwanda in 2032 by projection scenarios**

5 year age groups	High Scenario		Medium Scenario		Low Scenario	
	Male	Female	Male	Female	Male	Female
0-4	1,097,819	1,071,090	960,118	939,221	803,343	784,304
5-9	1,009,172	986,876	921,017	903,888	770,913	754,676
10-14	911,498	894,438	863,557	850,825	733,187	721,028
15-19	812,506	800,763	796,821	787,577	750,945	741,389
20-24	731,143	742,196	731,221	743,502	732,890	744,581
25-29	726,084	742,412	726,173	743,684	727,959	744,816
30-34	593,094	619,408	593,171	620,608	594,812	621,690
35-39	515,011	542,761	515,083	543,946	516,640	545,011
40-44	466,637	502,940	466,711	504,212	468,275	505,351
45-49	422,629	444,033	422,705	445,348	424,314	446,531
50-54	334,290	364,542	334,360	365,817	335,838	366,973
55-59	204,545	250,205	204,599	251,277	205,689	252,271
60-64	159,286	195,498	159,341	196,611	160,434	197,663
65-69	118,696	150,499	118,751	151,739	119,842	152,931
70-74	100,469	134,261	100,537	135,945	101,831	137,582
75-79	56,061	78,772	56,114	80,278	57,153	81,763
80 +	36,459	59,051	36,504	60,926	37,503	62,804
Total	8,295,400	8,579,742	8,006,781	8,325,403	7,541,570	7,861,364

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

To better describe the evolution of the age-sex structure of the population over the projection period, we will analyse the evolution of selected indicators that capture the dynamics of the age-sex structure: the percentage of women in the total population; the sex ratio; the percentage of the population in the age groups 0-4, 5-15, 16-64 and 65+; and the age dependency ratio. The findings are presented in Table 10 for the high scenario, Table 11 for the medium scenario and Table 12 for the low scenario. The findings in the tables confirm that:

- The sex structure of the population will remain mostly unaltered across time. The share of females in the population would be roughly about 52% throughout the projection horizon according to all three scenarios.

- In contrast of the sex structure, the age structure of the population will vary overtime and across the scenarios. The population will be less young in the future and this trend will be more marked for the high scenario followed by the medium and the low. For instance, the median age will increase from 19 years in 2012 to 23, 24 and 26 years respectively by 2032, according to the high, medium and low scenarios. The percentage of children under five will decrease from 14.6% in 2012 to 12.9% in 2032 (high scenario), 11.6% (medium scenario) and 10.3% (low scenario). Seemingly, the share of the population aged 16-64 will increase from 53.5% in 2012 to 58.3% in 2032 (high scenario), 60.2% (medium scenario) and 63.5% (low scenario).

- Based on results presented in Table 10, Table 11 and Table 12, the percentage of elderly aged 60 years and above will gradually increase from 5% in 2012 up to 7% in the next 20 years depending on the projection scenarios. The elderly aged 65 years and above will increase from 3% in 2012 to 4-5% in 2032.

This suggests that although ageing in Rwanda is not as rapid as elsewhere in the developed societies, the absolute number of people aged 65 and above would grow in the future. This situation will have implications for social support, health care and living arrangements.

Table 10:   Evolution of the age-sex structure of the Rwandan population 2012-2032, high scenario

Indicators of the age-sex structure	Projection Year							
	2012	2014	2015	2017	2020	2022	2027	2032
Total population	10,482,641	11,002,628	11,274,221	11,839,419	12,738,767	13,371,543	15,064,603	16,875,142
Percent Females	51.8	51.7	51.6	51.5	51.4	51.3	51.0	50.8
Sex ratio	93	93	94	94	95	95	96	97
Median age	19	20	20	20	21	21	22	23
Percent 0-4	14.6	14.2	14.1	14.0	13.8	13.7	13.4	12.9
Percent 5-15	28.7	28.5	28.3	27.7	26.5	25.7	24.8	24.5
Percent 16-64	53.5	54.2	54.5	55.1	56.3	57.1	57.7	58.3
Percent 60+	4.9	4.9	5.0	5.1	5.5	5.8	6.1	6.5
Percent 65+	3.2	3.1	3.2	3.2	3.4	3.5	4.1	4.4
Dependency ratio	0.80	0.77	0.76	0.74	0.70	0.68	0.68	0.66

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Table 11:   Evolution of the age-sex structure of the Rwandan population 2012-2032, medium scenario

Indicators of the age-sex structure	Projection Year							
	2012	2014	2015	2017	2020	2022	2027	2032
Total population	10,482,641	10,996,891	11,262,564	11,809,300	12,663,116	13,252,272	14,779,042	16,332,184
Percent Females	51.8	51.7	51.7	51.5	51.4	51.3	51.1	51.0
Sex ratio	93	93	94	94	95	95	96	96
Median age	19	20	20	20	21	21	23	24
Percent 0-4	14.6	14.1	14.0	13.7	13.4	13.1	12.5	11.6
Percent 5-15	28.7	28.5	28.4	27.8	26.6	25.7	24.4	23.7
Percent 16-64	53.5	54.2	54.5	55.2	56.6	57.6	58.9	60.2
Percent 60+	4.9	4.9	5.0	5.1	5.6	5.8	6.2	6.7
Percent 65+	3.2	3.2	3.2	3.2	3.4	3.6	4.2	4.5
Dependency ratio	0.80	0.77	0.76	0.74	0.69	0.67	0.64	0.61

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Table 12 Evolution of the age-sex structure of the Rwandan population 2012-2032, low scenario

Indicators of the age-sex structure	Projection Year							
	2012	2014	2015	2017	2020	2022	2027	2032
Total population	10,482,641	10,978,629	11,225,545	11,713,993	12,422,803	12,897,779	14,137,062	15,402,934
Percent Females	51.8	51.7	51.7	51.6	51.4	51.4	51.2	51.0
Sex ratio	93	93	94	94	94	95	95	96
Median age	19	20	20	20	21	22	24	26
Percent 0-4	14.6	14.0	13.7	13.0	12.0	11.4	10.9	10.3
Percent 5-15	28.7	28.6	28.5	28.0	26.8	25.7	23.0	21.3
Percent 16-64	53.5	54.3	54.7	55.7	57.7	59.2	61.6	63.5
Percent 60+	4.9	4.9	5.0	5.2	5.7	6.0	6.5	7.2
Percent 65+	3.2	3.2	3.2	3.3	3.5	3.7	4.5	4.9
Dependency ratio	0.80	0.77	0.76	0.72	0.66	0.62	0.57	0.53

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

5.5 Fertility indicators

This sub-section will analyze the evolution of key fertility indicators between 2012 and 2032 according to the three projections scenarios. These indicators are needed for planning, monitoring and evaluation purposes. For instance, the number of annual births in the future is used to allocate healthcare and education resources in terms of forecasting the number of nurses to be trained to ensure that there is sufficient skilled birth attendants. They are also used for designing targeted family planning and reproductive programmes, and for planning the expansion of healthcare, childcare and pre-school institutions. The Net Reproduction Rate (NRR) is yet another useful indicator to understand population growth. The NRR should be 1 or above to ensure replacement of the population. Therefore, its evolution can be used to avoid crossing the redline indicating beginning the decline of the total population. For instance, an NRR of 1.4 by 2032 would indicate that subject to fertility and mortality conditions prevailing, the size of the population in 2032 would be 25% more than the current size of the Rwandan population.

Table 13 contains the evolution of key fertility indicators for selected years and for the three projections scenarios. It reveals that:

- In terms of number of annual births, Table 13 shows that the trend varies according to the projections scenarios. The future number of annual births in Rwanda will be determined by the reproductive behaviour and intentions of cohorts of individuals who will enter the reproductive ages over the next two decades. The number of annual births is likely to increase continuously based on the high and medium scenarios while it will start decreasing from a certain point of time according to the low scenario. The standardized birth rate (standardized number of annual births per 1,000 inhabitants) will decrease from 30.7 per 1000 in 2012 to 24.1 per 1000 in 2032. To analyse this trend in details, a graphical illustration of the number of annual births by single year is presented in Table 1.

27

Table 13: Evolution of key fertility indicators 2012-2032, by projection scenarios

Fertility Indicators	Projections year							
	2012	2014	2015	2017	2020	2022	2027	2032
High Scenario								
Number of annual births	321,506	342,591	349,714	363,690	384,468	398,535	433,118	459,006
Crude Birth Rate (CBR) per 1000	30.9	31.1	31	30.7	30.2	29.8	28.8	27.2
Standardized Birth Rate (SBR) per 1000	30.7	31.1	31.0	30.7	30.2	29.8	28.8	27.2
General Fertility Rate (GFR)	63.2	64.1	63.9	63.3	62.2	61.4	59.2	56.0
Medium Scenario								
Number of annual births	321,506	338,281	343,077	352,052	364,343	372,189	389,087	393,731
Crude Birth Rate (CBR) per 1000	30.9	30.8	30.5	29.8	28.8	28.1	26.3	24.1
Standardized Birth Rate (SBR) per 1000	30.7	30.8	30.5	29.8	28.8	28.1	26.3	24.1
General Fertility Rate (GFR)	63.2	63.3	62.7	61.4	59.3	57.8	54.2	49.6
Low Scenario								
Number of annual births	321,506	324,988	322,674	316,429	302,987	309,495	323,679	327,494
Crude Birth Rate (CBR) per 1000	30.9	29.6	28.7	27	24.4	24	22.9	21.3
Standardized Birth Rate (SBR) per 1000	30.7	29.6	28.7	27.0	24.4	24.0	22.9	21.3
General Fertility Rate (GFR)	63.2	60.2	57.9	53.4	46.4	44.6	41.3	38.4

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Figure 6 clearly shows the difference in the trends of the number of annual births by the projection scenarios. This number varies substantially according to the projection scenarios.

- According to the high scenario, the number of annual births will increase continuously to reach some 460,000 births by 2032. The increase of the number of annual births is attributed to the phenomenon of population momentum which implies that the number of births will continue to increase a while because of the cohorts of their mothers are already born.

- The medium scenario (the most likely one) shows two phases in the evolution of the annual number of births: a first phase of increase that covers the period 2013 to 2028, followed by a second period where the number of annual births will stabilize around 393,000 (2029-2032).

- The trend from the low scenario is less regular. If the TFR decreases down to 3 children per woman by 2020 as envisaged in the revised Vision 2020, the annual number of births shows three phases: a first phase of quick decrease that covers the period 2012 to 2020, followed by a period of slight increase between 2020 and 2008, and finally a phase during which the number of annual births will stabilize around 327,000 between 2009 and 2032.

Figure 6 shows that the difference in terms of annual births between the projection scenarios will widen over time: 459,006 births (high scenario), 393,731 (medium scenario) and 327,494 (low scenario). In other words, the choices made in terms of policies and programs will affect substantially the number of annual births in the next 20 years gradually and more and more intensively.

Figure 6: Evolution of the number of annual births, 2012-2032 by projection scenarios
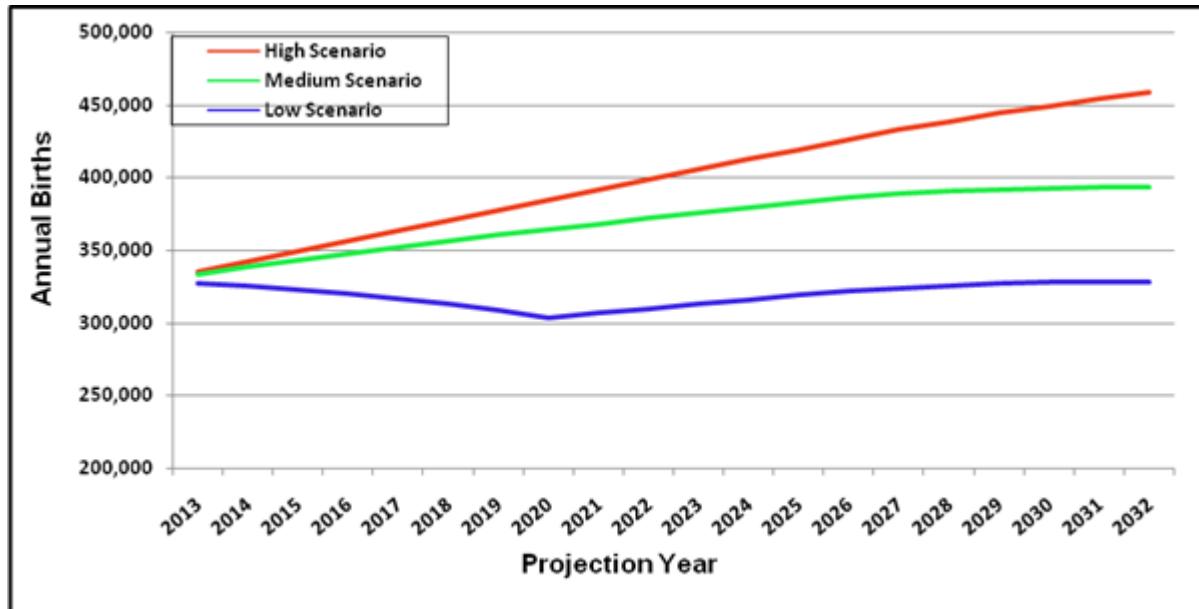
Table 14 shows the evolution of other key fertility indicators at selected dates over the projections period. As assumed, the TFR will decrease for all projection scenarios from 4.0 children per woman in 2012 to 3.5 (high scenario), 3.0 (medium scenario) and 2.5 (low scenario) in 2032. These assumptions imply that the replacement of the population will be ensured according to the high and medium scenarios with a NRR greater than 1 (1.6 and 1.4 daughters on average per woman respectively) but hardly according to the low scenario (1.2).

Table 14 also shows that the timing of childbearing will not vary substantially across projection scenarios; the mean age at childbearing will increase slightly from 29.2 years in 2012 to 30.3 years in 2032.

Table 14: Evolution of other key fertility indicators, 2012-2032 by projection scenarios

Other Key Fertility Indicators	2012	2014	2015	2017	2020	2022	2027	2032
High Scenario								
Percent females aged 15-49	48.6	49.1	49.4	50.1	51.2	51.9	52.1	51.2
Total Fertility Rate (TFR)	4.0	4.0	3.9	3.9	3.8	3.8	3.6	3.5
Gross Reproduction Rate (GRR)	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.7
Net Reproduction Rate (NRR)	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6
Mean Age of Childbearing (years)	29.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3
Medium Scenario								
Percent females aged 15-49	48.6	49.1	49.5	50.2	51.5	52.3	53.1	52.7
Total Fertility Rate (TFR)	4.0	3.9	3.9	3.8	3.6	3.5	3.3	3.0
Gross Reproduction Rate (GRR)	2.0	1.9	1.9	1.9	1.8	1.7	1.6	1.5
Net Reproduction Rate (NRR)	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.4
Mean Age of Childbearing (years)	29.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3
Low Scenario								
Percent females aged 15-49	48.6	49.2	49.6	50.6	52.5	53.8	55.5	55.3
Total Fertility Rate (TFR)	4.0	3.8	3.6	3.4	3.0	2.9	2.7	2.5
Gross Reproduction Rate (GRR)	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2
Net Reproduction Rate (NRR)	1.6	1.7	1.6	1.5	1.4	1.3	1.3	1.2
Mean Age of Childbearing (years)	29.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

5.6 Mortality indicators

Table 15 reveals a downward trend in mortality over the projections period, irrespective of the projection scenarios. However the decrease in mortality will be more important under the low scenario and less under the high scenario. The life expectancy at birth for both sexes is likely to increase from 64.5 years in 2012 to 72.6 years (low scenario), 71.4 years (medium scenario) and 70.7 years (high scenario) in 2032. Seemingly, the infant mortality is also expected to decrease from 48.6 per 1000 live births in 2012 to levels as low as 29.4 per 1000 (high scenario), 27.7 per 1000 (medium scenario) and 24.5 per 1000 (low scenario), in 2032.

Table 15: Evolution of key mortality indicators, 2012-2032 by projection scenarios

	2012	2014	2015	2017	2020	2022	2027	2032
High Scenario								
Life expectancy at birth (Male)	62.6	63.3	63.7	64.6	65.8	66.5	68.0	69.1
Life expectancy at birth (Female)	66.2	66.9	67.3	68.1	69.1	69.7	71.1	72.3
Life expectancy at birth (Both sexes)	64.5	65.2	65.6	66.4	67.5	68.2	69.6	70.7
Infant Mortality Rate, IMR (‰)	48.6	47.1	45.7	42.9	39.4	37.1	32.6	29.4
Under-five Mortality Rate, U5MR (‰)	72.3	69.0	66.6	61.7	55.5	51.6	44.2	39.0
Number of annual deaths	79,465	78,618	78,121	77,463	78,066	78,768	82,553	90,535
Crude Death Rate, CDR (‰)	7.7	7.1	6.9	6.5	6.1	5.9	5.5	5.4
Medium Scenario								
Life expectancy at birth (Male)	62.6	63.3	63.7	64.6	65.8	66.5	68.0	69.3
Life expectancy at birth (Female)	66.2	67.1	67.5	68.4	69.7	70.5	71.9	73.4
Life expectancy at birth (Both sexes)	64.5	65.3	65.7	66.6	67.8	68.6	70.0	71.4
Infant Mortality Rate, IMR (‰)	48.6	46.9	45.4	42.4	38.4	36.0	31.6	27.7
Under-five Mortality Rate, U5MR (‰)	72.3	68.7	66.0	60.8	53.8	49.8	42.6	36.3
Number of annual deaths	79,465	78,161	77,404	76,197	75,624	75,681	78,804	84,536
Crude Death Rate, CDR (‰)	7.7	7.1	6.9	6.5	6.0	5.7	5.3	5.2
low Scenario								
Life expectancy at birth (Male)	62.6	63.5	63.9	64.9	66.2	67.1	69.2	70.6
Life expectancy at birth (Female)	66.2	67.1	67.6	68.7	70.1	70.9	72.9	74.5
Life expectancy at birth (Both sexes)	64.5	65.4	65.8	66.8	68.2	69.1	71.1	72.6
Infant Mortality Rate, IMR (‰)	48.6	46.5	44.9	41.6	37.1	34.4	28.5	24.5
Under-five Mortality Rate, U5MR (‰)	72.3	68.0	65.1	59.2	51.5	47.1	37.6	31.3
Number of annual deaths	79,465	77,119	75,758	73,300	70,821	70,254	70,853	75,948
Crude Death Rate, CDR (‰)	7.7	7.0	6.7	6.3	5.7	5.4	5.0	4.9

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Chapter 6: Projections of the urban population

This section will discuss the evolution of different aspects of the urban population between 2012 and 2032 according to the high, medium and low projections scenarios: population size, population density and population age-sex structure. Before presenting the findings, the strategies of urban planning based on the revised Vision 2020 target are examined.

6.1 Assessment of the current official target on urbanization

The target in terms of urbanization in the Revised Vision 2020 is an urban population of 35% by 2020. Table 16 is a simulation of what would be the size of the urban population between 2012 and 2020 based on the Vision 2020 target.

According to Table 16, the size of the urban population in 2020 will be 2.5 times greater than its current size. It will increase from 1.7 million in 2012 to 4.4 million by 2020, regardless of the projection scenarios.

Such a rapid increase in a relatively short period of time means that huge investments in terms of infrastructure would be required to accommodate 2.7 million more urban dwellers, which would be hard to achieve in the next 8 years. Taking this into account, we make the assumption that the urbanization rate will be 30% by 2032 rather than 35% by 2020 as set by the revised 2020 Vision.

Table 16: Evolution of the size of the urban population, 2012-2020 by projection scenarios and Vision 2020 urbanization rate target

Projections year	High Scenario		Medium Scenario		Low Scenario		Urbanization rate (%)
	Total population	Urban population	Total population	Urban population	Total population	Urban population	
2012	10,482,641	1,732,175	10,482,641	1,732,175	10,482,641	1,732,175	16.5
2013	10,724,489	2,017,544	10,725,541	2,017,742	10,726,937	2,018,005	18.8
2014	10,969,957	2,317,403	10,973,254	2,318,100	10,977,519	2,319,001	21.1
2015	11,218,267	2,629,281	11,225,190	2,630,904	11,233,876	2,632,940	23.4
2016	11,468,792	2,953,214	11,480,788	2,956,303	11,495,533	2,960,100	25.8
2017	11,720,998	3,289,205	11,739,594	3,294,424	11,762,121	3,300,745	28.1
2018	11,974,372	3,637,215	12,001,136	3,645,345	12,033,251	3,655,100	30.4
2019	12,228,393	3,997,156	12,264,898	4,009,088	12,308,488	4,023,337	32.7
2020	12,482,323	4,368,813	12,530,458	4,385,660	12,587,498	4,405,624	35.0
% increase between 2012 and 2020	19.1	152.2	19.5	153.2	20.1	154.3	

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

6.2 Size of the urban population

Based on the review of the current policies and programs that will shape the future trends of urbanization in Rwanda, it is realistic to assume that the percentage of the population living in urban areas will increase from 16.5% in 2012 to 30% in 2032. Under this assumption, the size of the urban and rural population is projected, as shown in Table 17.

The urban population will increase from 1.7 million in 2012 to 5.1 million (high scenario), 4.9 million (medium scenario) and 4.6 million (low scenario) by 2032. This corresponds to an overall increase of 192%, 183% and 167% respectively in the next 20 years, equivalent to more than 3 times the increase rate of the total population.

At the end of the period covered by Vision 2020, the urban population will be just above 2.7 million, corresponding to an increase of one million urban dwellers in 8 years, regardless of the projection scenarios. This is still high and would require huge investments on infrastructure and resources in urban areas.

Table 17: Evolution of the size of the urban population, 2012-2032 by projection scenarios

Projections year	High Scenario		Medium Scenario		Low Scenario		Urbanization rate (%)
	Rwanda	Urban	Rwanda	Urban	Rwanda	Urban	
2012	10,482,641	1,732,175	10,482,641	1,732,175	10,482,641	1,732,175	16.5
2014	11,002,628	1,963,969	10,996,891	1,962,945	10,978,629	1,959,685	17.9
2015	11,274,221	2,088,549	11,262,564	2,086,390	11,225,545	2,079,532	18.5
2017	11,839,419	2,353,085	11,809,300	2,347,098	11,713,993	2,328,156	19.9
2020	12,738,767	2,789,790	12,663,116	2,773,222	12,422,803	2,720,594	21.9
2022	13,371,543	3,108,884	13,252,272	3,081,153	12,897,779	2,998,734	23.3
2027	15,064,603	4,010,951	14,779,042	3,934,920	14,137,062	3,763,993	26.6
2032	16,875,142	5,062,543	16,332,184	4,899,655	15,402,934	4,620,880	30.0
% increase between 2012 and 2032	61.0	192.3	55.8	182.9	46.9	166.8	

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

6.3 Age-sex structure of the urban population
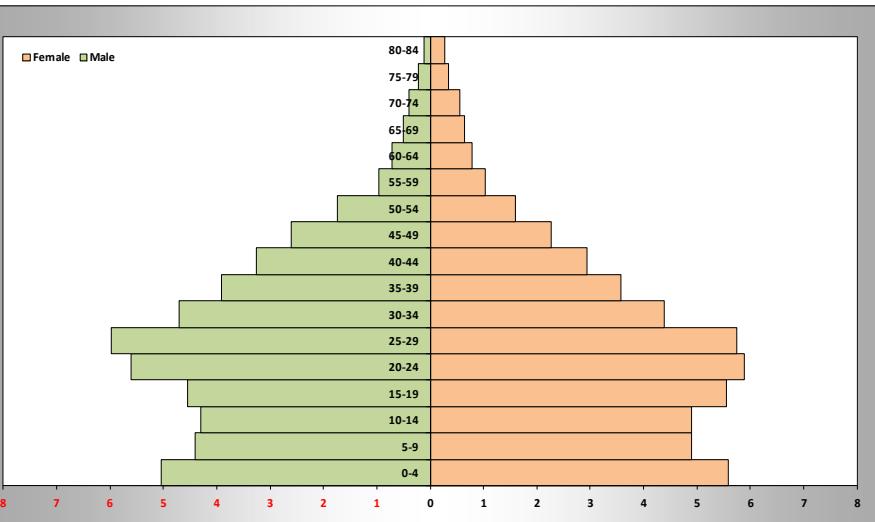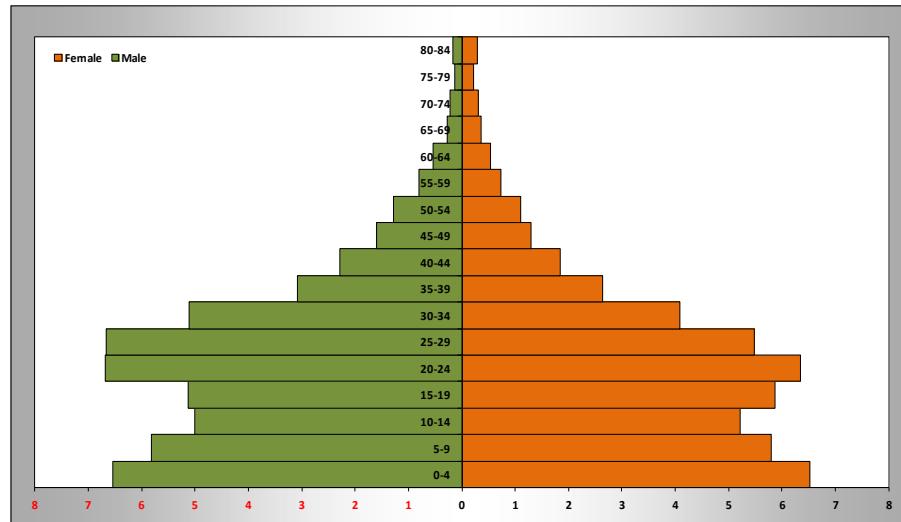
Figure 7 shows a comparison of the age pyramids of the urban population in 2012 and 2032 under the three projection scenarios. It shows that at the end of projection period the age-sex structure of the urban population will change, regardless of the projection scenarios:

- The population in the 25-54 age group will have the greatest share of the total urban population by 2032, as in 2012. This age group forms the majority of the working-age population. Males will continue to slightly out-number women in that age group.

- The share of the child population would decrease while the share of the elderly would increase, under all three projection scenarios.

Figure 7   Comparison of the 2012 and 2032 age pyramids of the Rwandan urban population by projection scenarios

Age-group pyramid (%) of the urban population in 2012

Age-group pyramid (%) of urban population by 2032 (Medium scenario)

Age-group pyramid (%) of urban population by 2032 (High scenario)

**Age-group pyramid (%) of urban population by 2032 (Low scenario)**

34
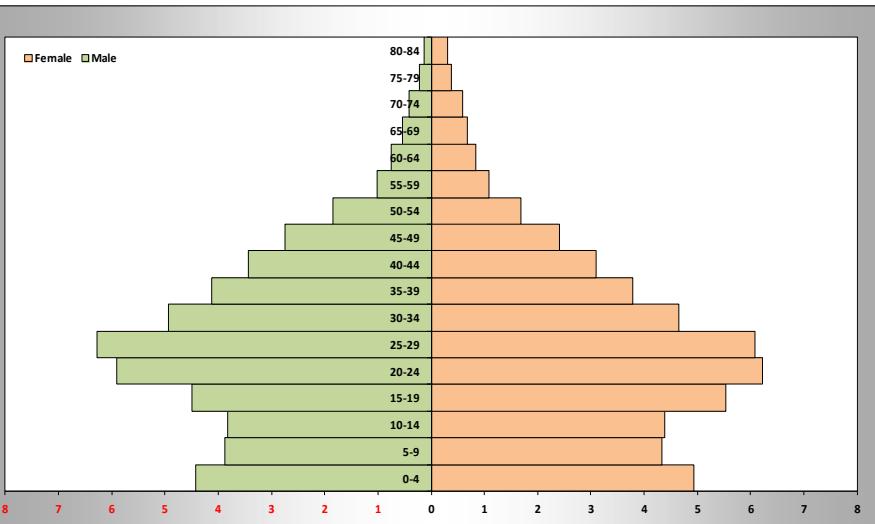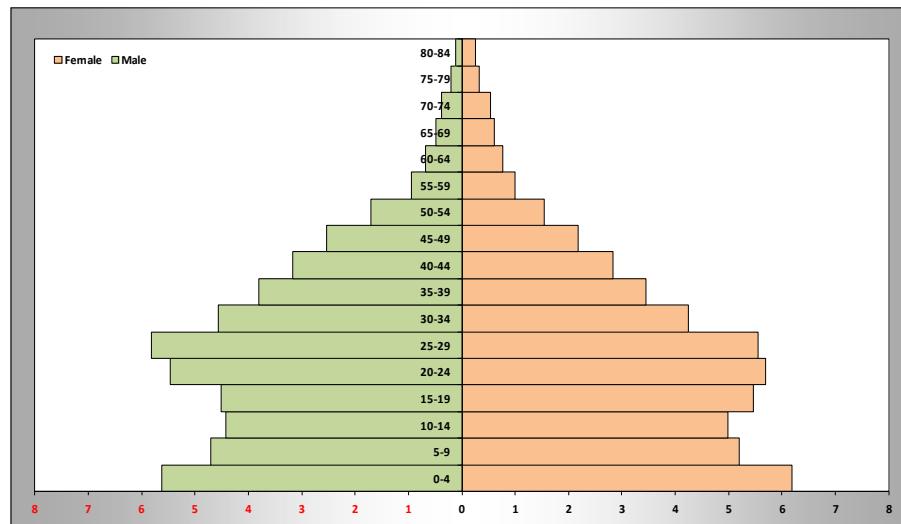
Table 18 presents further details of the changes in age-sex structure over the projection period.

The findings in Table 18 confirm that the age-sex structure of the population will change in some of its aspects and will remain unchanged in others.

In terms of changes, by 2032, the sex structures of the urban population will change slightly; women will out-number male in urban area with their percentage in the population increasing from 49% to 51%, under all three projection scenarios. The changes in the age structure will be more profound than changes in the sex composition of the population. The urban population will be less young over time; the median age will increase from 22 years in 2012 to 24 years in 2032 according to the high scenario and 25 years according to the medium and 26 years according to the low scenarios. This trend is reflected in the increasing percentage of the age-groups 16-64, 60+ and 65+, and the decrease in the percentage of children aged 0-4 and 5-15. For instance, the 16-64 age group will constitute about 64-69% of the urban population in 2032 according to the three scenarios when compared to 61% in 2012. The population share of the elderly aged 60 years and above will increase from 3% in 2012 to 4-5% in 2032, and the elderly aged 65 years and above from 2% to 3% during the projections period.

Table 18 Evolution of the age-sex structure of the urban population, 2012-2032 by projection scenarios

Age-sex structure Indicators	Projections Year							
	2012	2014	2015	2017	2020	2022	2027	2032
High Scenario								
Both sexes	1,732,175	1,963,969	2,088,549	2,353,085	2,789,790	3,108,884	4,010,951	5,062,543
% female	48.7	51.7	51.6	51.5	51.4	51.3	51.0	50.8
Median age	22	22	22	22	22	23	23	24
% aged 0-4	13.1	12.7	12.6	12.5	12.5	12.4	12.2	11.8
% aged 5-15	24.1	24.1	23.9	23.5	22.6	22.0	21.3	21.4
% aged 16-64	60.8	61.3	61.5	61.9	62.8	63.4	63.8	63.9
% aged 60+	3.0	3.1	3.2	3.3	3.6	3.8	4.0	4.4
% aged 65+	2.0	2.0	2.0	2.1	2.2	2.3	2.7	2.9
Medium Scenario								
Both sexes	1,732,175	1,962,945	2,086,390	2,347,098	2,773,222	3,081,153	3,934,920	4,899,655
% female	48.7	51.7	51.7	51.5	51.4	51.3	51.1	51.0
Median age	22	22	22	22	23	23	24	25
% aged 0-4	13.1	12.6	12.5	12.3	12.0	11.8	11.3	10.6
% aged 5-15	24.1	24.1	24.0	23.6	22.7	22.0	21.0	20.6
% aged 16-64	60.8	61.3	61.5	62.0	63.1	63.9	64.9	65.7
% aged 60+	3.0	3.1	3.2	3.3	3.6	3.8	4.1	4.5
% aged 65+	2.0	2.0	2.0	2.1	2.2	2.3	2.8	3.1
Low Scenario								
Both sexes	1,732,175	1,959,685	2,079,532	2,328,156	2,720,594	2,998,734	3,763,993	4,620,880
% female	48.7	51.7	51.7	51.6	51.4	51.4	51.2	51.0
Median age	22	22	22	22	23	23	24	26
% aged 0-4	13.1	12.5	12.2	11.7	10.7	10.3	9.8	9.4
% aged 5-15	24.1	24.1	24.0	23.8	22.8	21.9	19.7	18.4
% aged 16-64	60.8	61.4	61.7	62.5	64.2	65.5	67.5	68.9
% aged 60+	3.0	3.1	3.2	3.3	3.7	3.9	4.3	4.8
% aged 65+	2.0	2.0	2.0	2.1	2.2	2.4	2.9	3.3

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

6.4 Density of the urban population

Table 19 presents the evolution of the urban population density by projection scenarios. It reveals that the population density in urban area was already very high in 2012 with 1,871 inhabitants by square kilometre and will increase substantially over time. If the urban surface area remains unchanged over time, by 2032 the urban population density will be 5,468 (high scenario), 5,292 (medium scenario) and 4,991 (low scenario).

However, it is more than likely that the urban surface area will increase as new settlements will be created around the existing urban areas to accommodate the growing urban population. Therefore the real population density in urban areas will be somehow different from the one presented in Table 19 but will be still high.

Table 19:   Evolution of the density of the urban population by projection scenarios

Projections Year	High Scenario		Medium Scenario		Low Scenario	
	Urban	Density	Urban	Density	Urban	Density
2012	1,732,175	1,871	1,732,175	1,871	1,732,175	1,871
2014	1,963,969	2,121	1,962,945	2,120	1,959,685	2,117
2015	2,088,549	2,256	2,086,390	2,253	2,079,532	2,246
2017	2,353,085	2,541	2,347,098	2,535	2,328,156	2,515
2020	2,789,790	3,013	2,773,222	2,995	2,720,594	2,938
2022	3,108,884	3,358	3,081,153	3,328	2,998,734	3,239
2027	4,010,951	4,332	3,934,920	4,250	3,763,993	4,065
2032	5,062,543	5,468	4,899,655	5,292	4,620,880	4,991

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Chapter 7: Projections of the rural population

This section will describe the evolution of the rural population between 2012 and 2032 according to the high, medium and low projection scenarios by focussing on the size, density and age-sex structure. All three projection scenarios are based on the assumption that the urban population will experience a steady increase from 16.5% in 2012 up to 30% by 2032. This corresponds to a decrease of the percentage of rural population from 83.5% to 70% between 2012 and 2032.

7.1 Size of the rural population

Table 20 shows that the rural population will increase from 8.7 million in 2012 to 11.8 million (high scenario), 11.4 million (medium scenario) and 10.8 million (low scenario) by 2032. This corresponds to an increase of the size of the rural population by 35.0%, 30.7% and 23.2% between 2012 and 2032, according to the high, medium and low projection scenarios respectively.

The rural population will grow twice slower than the total population between 2012 and 2032. The whole Rwandan population will increase by 61%, 56% and 47% over the projections period according to the high, medium and low projection scenarios respectively.

Table 20:   Evolution of the size of the rural population, 2012-2032 by projection scenarios

Projections Year	High Scenario		Medium Scenario		Low Scenario	
	Rwanda	Rural	Rwanda	Rural	Rwanda	Rural
2012	10,482,641	8,750,466	10,482,641	8,750,466	10,482,641	8,750,466
2014	11,002,628	9,038,659	10,996,891	9,033,946	10,978,629	9,018,944
2015	11,274,221	9,185,672	11,262,564	9,176,174	11,225,545	9,146,013
2017	11,839,419	9,486,335	11,809,300	9,462,201	11,713,993	9,385,837
2020	12,738,767	9,948,977	12,663,116	9,889,893	12,422,803	9,702,209
2022	13,371,543	10,262,660	13,252,272	10,171,119	12,897,779	9,899,045
2027	15,064,603	11,053,653	14,779,042	10,844,122	14,137,062	10,373,069
2032	16,875,142	11,812,599	16,332,184	11,432,529	15,402,934	10,782,054
% of Increase between 2012 and 2032	61.0%	35.0%	55.8%	30.7%	46.9%	23.2%

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)
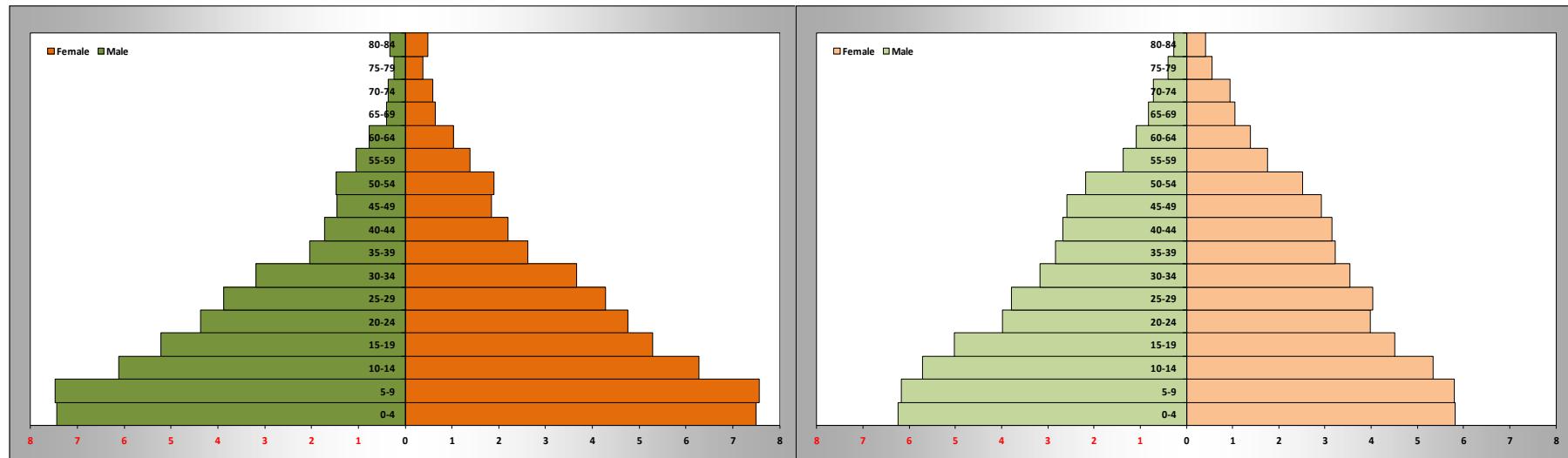
7.2 Age-sex structure of the rural population

Figure 8 compares the age pyramid of the rural population in 2012 with the age pyramids of the rural population by 2032 by projection scenarios. It shows that by the end of projections period, the age-sex structure of the rural population will change based on the assumptions regarding future growth of urban population and regardless of the projection scenarios. The rural population will be less young as evidenced by a marked decrease in the share of children and an increase in the share of other older age groups. However, there will be considerable difference in the population age-sex structure corresponding between the three projection scenarios. These changes will be determined by the expected decline in fertility and mortality across the projection scenarios.

Figure 8: Comparison of the 2012 and 2032 age pyramids of the rural population by projection scenarios

Age-group pyramid (%) of the rural population in 2012

Age-group pyramid (%) of rural population by 2032 (Medium scenario)

Age-group pyramid (%) of rural population by 2032 (High scenario)

Age-group pyramid (%) of rural population by 2032 (Low scenario)

38
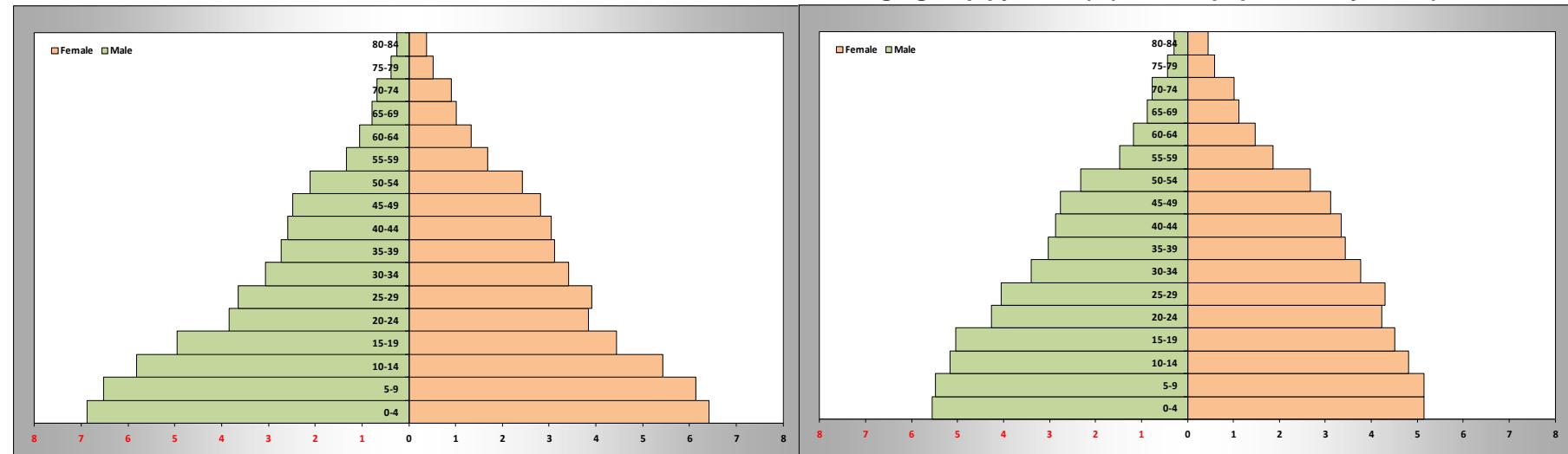
Table 21 provides more detailed information on the changes that will affect the age-sex structure.

Table 21 shows that irrespective of the projections scenario the share of the women in the rural population will decrease slightly (from 52.5% in 2012 to 51% in 2032) while the population will become less and less young over time. The median age will substantially increase from 19 years to 22 years (high scenario), 23 years (medium scenario) and 25 years (low scenario). The elderly people aged 60 years and above accounted for 5% of the rural population in 2012 but their share will be greater than 7% in 2032. Similar upward trend will be observed in the share of the population aged 15-64 years.

Table 21: Evolution of the age-sex structure of the rural population, 2012-2032 by projections scenario

Age-sex structure Indicators	Projections Year							
	2012	2014	2015	2017	2020	2022	2027	2032
High Scenario								
Both sexes	8,750,466	9,038,659	9,185,672	9,486,335	9,948,977	10,262,660	11,053,653	11,812,599
% female	52.5	51.7	51.6	51.5	51.4	51.3	51.0	50.8
Median age	19	19	19	19	20	20	21	22
% aged 0-4	14.9	14.5	14.4	14.3	14.2	14.1	13.8	13.3
% aged 5-15	29.6	29.5	29.3	28.8	27.6	26.8	26.0	25.9
% aged 16-64	52.0	52.6	52.9	53.4	54.5	55.1	55.5	55.9
% aged 60+	5.2	5.3	5.4	5.6	6.1	6.4	6.8	7.3
% aged 65+	3.4	3.4	3.4	3.5	3.7	3.9	4.6	5.0
Medium Scenario								
Both sexes	8,750,466	9,033,946	9,176,174	9,462,201	9,889,893	10,171,119	10,844,122	11,432,529
% female	52.5	51.7	51.7	51.5	51.4	51.3	51.1	51.0
Median age	19	19	19	19	20	20	22	23
% aged 0-4	14.9	14.5	14.3	14.1	13.8	13.5	12.9	12.1
% aged 5-15	29.6	29.5	29.4	28.8	27.7	26.8	25.7	25.0
% aged 16-64	52.0	52.6	52.9	53.5	54.8	55.7	56.7	57.8
% aged 60+	5.2	5.3	5.4	5.6	6.1	6.5	7.0	7.6
% aged 65+	3.4	3.4	3.4	3.5	3.7	4.0	4.7	5.2
Low Scenario								
Both sexes	8,750,466	9,018,944	9,146,013	9,385,837	9,702,209	9,899,045	10,373,069	10,782,054
% female	52.5	51.7	51.7	51.6	51.4	51.4	51.2	51.0
Median age	19	19	19	20	21	21	23	25
% aged 0-4	14.9	14.3	14.0	13.4	12.3	11.8	11.3	10.7
% aged 5-15	29.6	29.6	29.5	29.1	27.9	26.8	24.2	22.5
% aged 16-64	52.0	52.7	53.1	54.0	55.9	57.3	59.5	61.2
% aged 60+	5.2	5.3	5.4	5.6	6.3	6.7	7.4	8.2
% aged 65+	3.4	3.4	3.4	3.6	3.8	4.1	5.0	5.6

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

7.3 Density of the rural population

The density of the rural population will increase over time but at a slower pace than the urban population. Table 22 shows that in 2012 there were 359 persons per square kilometre in rural areas. Twenty years later, this figure will be 484 (high scenario), 469 (medium scenario) and 442 (low scenario). The true density will be however greater than those figures given that the urban areas will grow in terms of surface area as discussed in section 3.1.3 (p. 6), implying a reduction of the surface area of the rural area.

Table 22:   Evolution of the rural population density, 2012-2032 by projections scenario

Projections Year	High Scenario		Medium Scenario		Low Scenario	
	Rural	Density	Rural	Density	Rural	Density
2012	8,750,466	359	8,750,466	359	8,750,466	359
2014	9,038,659	371	9,033,946	370	9,018,944	370
2015	9,185,672	377	9,176,174	376	9,146,013	375
2017	9,486,335	389	9,462,201	388	9,385,837	385
2020	9,948,977	408	9,889,893	406	9,702,209	398
2022	10,262,660	421	10,171,119	417	9,899,045	406
2027	11,053,653	453	10,844,122	445	10,373,069	425
2032	11,812,599	484	11,432,529	469	10,782,054	442

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

In any case the increase of the population density is unavoidable. As the population density will increase, the land pressure will become higher and more arable land will be needed or more shift from the agricultural industry to non-agricultural industry to relax the land pressure. Any solution to solve this problem will require that special attention be paid to ensure that other issues will not be raised. For instance a shift to non-agricultural industry should not translate into a decrease in the agricultural production. Such a choice should therefore be accompanied by an intensification and modernization of the agriculture.

Chapter 8: Projections of specific interventions target groups

This section presents the findings on the following specific interventions target groups: the school-age population, the working-age population, the elderly, the children, the youth, the women in the reproductive age groups and the legal majority age-groups.

All the projections are based on the medium scenario, the most likely. The evolution of the size of these groups is needed to assess their specific needs and to better plan, implement, monitor and evaluate the relevant interventions.

8.1 School-age population

The official school-age groups considered here are: 3-6 for pre-school, 7-12 for primary level and 13-18 for secondary level. At the national level, the school-age population will increase from 4.3 million to 5.6 million between 2012 and 2032, equivalent to a percentage increase of 30% over the next twenty years (Table 23). This increase is mainly driven by the increase rate in the secondary level age population which is 42%, followed by the primary level age group (27%). The difference in increase between the age-groups 7-12 and 13-18 is partly attributed to the expected decline in fertility.

The trends in school-age population displays marked differences by area of residence. The expected overall increase in school-age population between 2012 and 2032 is 144% in urban areas when compared to only 11% in rural areas. The increase is mainly driven by the increase in the population in the secondary level age group, particularly high in urban areas. A part of this increase is attributed to the rapid growth of urban areas, under the assumption that urban population will almost double its size between 2012 (16.5%) and 2032 (30%). This suggests the need for huge investments in physical infrastructure and human resources in urban areas over the next 20 years, especially if the "Education for all" policy is to be achieved during the projections period.

Table 23: **Evolution of the school-age population, 2012-2032 by level of education and area of residence according to the medium projections scenario**

Projections Year	Rwanda			Urban			Rural		
	3-6 years	7-12 years	13-18 years	3-6 years	7-12 years	13-18 years	3-6 years	7-12 years	13-18 years
2012	1,233,836	1,675,012	1,373,912	172,671	228,020	220,916	1,061,165	1,446,992	1,152,996
2014	1,209,312	1,785,665	1,440,851	183,443	263,664	250,777	1,025,869	1,522,001	1,190,074
2015	1,210,371	1,810,740	1,486,316	190,724	277,960	268,183	1,019,647	1,532,780	1,218,133
2017	1,232,652	1,825,799	1,598,567	208,960	301,698	309,056	1,023,692	1,524,101	1,289,511
2020	1,296,371	1,806,601	1,771,862	242,972	330,059	378,383	1,053,399	1,476,542	1,393,479
2022	1,336,205	1,841,610	1,810,579	266,503	358,059	412,100	1,069,702	1,483,551	1,398,479
2027	1,425,155	1,990,511	1,810,701	328,153	447,150	471,934	1,097,002	1,543,361	1,338,767
2032	1,495,477	2,125,792	1,950,874	392,573	545,179	575,919	1,102,904	1,580,613	1,374,955
% of Increase from 2012 to 2032	21.2	26.9	42.0	127.4	139.1	160.7	3.9	9.2	19.3

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

8.2 Working-age population

The official working age in Rwanda is 16-64 years. The size of this working-age population will increase from 5.6 million in 2012 to 9.8 million in 2032, corresponding to an increase of 75% (Table 24). This increase rate will be even greater in urban area where the working-age population will increase threefold (205%) in twenty years only. In contrast, the increase in rural area will be only 45%.

Table 24: Evolution of the working-age population, 2012-2032 by area of residence according to the medium projections scenario

Projections Year	Working-age population		
	Rwanda	Urban	Rural
2012	5,603,525	1,053,860	4,549,665
2014	5,959,238	1,203,444	4,755,794
2015	6,140,014	1,283,925	4,856,089
2017	6,521,561	1,455,971	5,065,590
2020	7,171,128	1,750,277	5,420,851
2022	7,632,688	1,968,986	5,663,702
2027	8,701,405	2,554,381	6,147,024
2032	9,824,600	3,218,815	6,605,785
% of Increase between 2012 and 2032	75.3	205.4	45.2
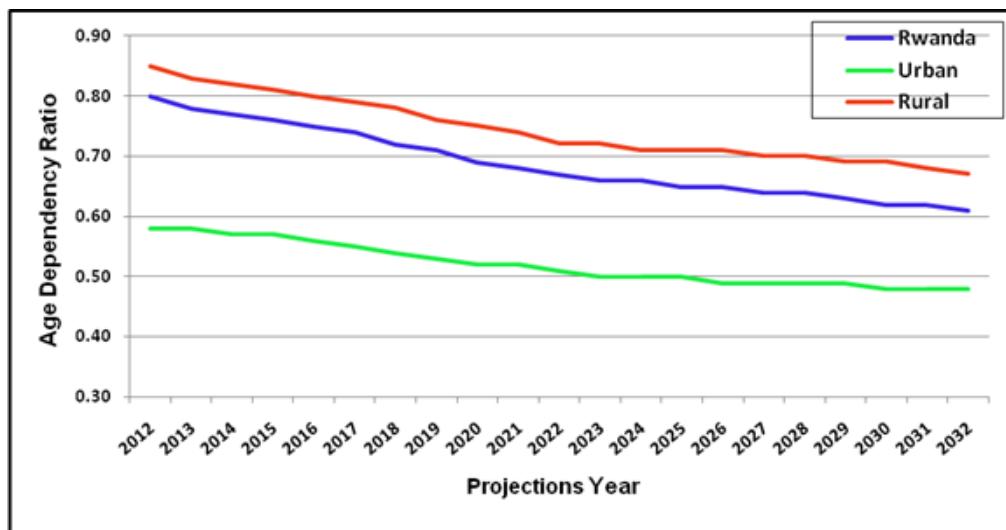
Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Figure 9 shows the evolution of the age dependency ratio, which is the number of persons out of the working age group per 100 persons in the working-age group. The findings show that there will be fewer dependents as the working-age population increases over time. The age dependency ratio will decreases from 80 dependents per 100 working-age individuals to 61 for the country as a whole, from 58 to 48 in urban areas and 85 to 67 per 100 working-age individuals in rural areas.

The age dependency ratio is greater in rural area than in urban area for all projections year.

The downtrend in age dependency ratio is partly a consequence of the decline in fertility over the projections period. A possible explanation for this observation is the increase in survivors over age 65, to some extent offset by a decline in the absolute number of child population aged below 16.

8.3 Elderly population

In Rwanda, the normal retirement age is now 65 years old whereas the international definition uses 60. The analysis will consider both definitions.

Table 25 shows that the size of the elderly aged 60 and above will be inevitably more than doubled between 2012 and 2032, increasing by 115%. The increase will be even more substantial in urban area where the number of the old people in 2032 will be 4.2 times greater than in 2012 while in the rural area the increase will be twofold.

The increase also varies by sex, regardless of the area of residence. The increase in relative terms will be more accentuated among males than females at national and rural level than in urban area. For instance at the country level, the increase in elderly population between 2012 and 2032 of males will be 128% as compared to 106% among females.

Table 25:   Evolution of the size of the elderly (60 years and above) between 2012 and 2032 by
            sex and area of residence according to the medium projections scenario

Projections Year	Rwanda			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2012	510,156	206,635	303,521	52,662	22,982	29,680	457,494	183,653	273,841
2014	540,319	220,571	319,748	61,347	25,026	36,321	478,971	195,545	283,426
2015	558,796	229,046	329,750	66,112	27,123	38,989	492,684	201,923	290,761
2017	606,901	250,996	355,905	77,601	32,206	45,395	529,300	218,790	310,510
2020	707,059	296,377	410,682	100,555	42,435	58,120	606,504	253,941	352,563
2022	775,241	327,262	447,979	117,755	50,033	67,722	657,487	277,229	380,258
2027	919,669	392,815	526,854	162,683	69,345	93,338	756,986	323,469	433,517
2032	1,096,746	471,247	625,499	222,832	94,946	127,886	873,914	376,301	497,613
% of Increase between 2012 and 2032	115.0	128.1	106.1	323.1	313.1	330.9	91.0	104.9	81.7

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

The general pattern described above is explained mainly by the increase in survivorship rates especially among males in the adult age groups. In absolute terms, there will be more

females than males in the elderly population by 2032. With regard to area of residence, the elderly will be predominantly concentrated in rural areas as the total Rwandan population. However, the growth rate of the elderly population will be greater in urban than in rural areas. This is partly driven by the expected fast increase in urban population by 2032.

For national planning purposes,**Error! Reference source not found.** presents the evolution f the size of the population aged 65 years and above. The results confirm the pattern observed in Table 25.

Table 26:   Evolution of the size of the elderly (65 years and above) between 2012 and 2032 by sex and area of residence according to the medium projections scenario

Projections year	Rwanda			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2012	334,368	130,369	203,999	34,058	13,646	20,412	300,310	116,723	183,587
2014	346,050	135,678	210,372	38,973	14,515	24,458	307,077	121,163	185,914
2015	356,386	140,514	215,872	41,852	15,727	26,125	314,534	124,787	189,747
2017	382,181	152,542	229,639	48,542	18,561	29,981	333,639	133,981	199,658
2020	429,640	174,400	255,240	60,666	23,688	36,978	368,974	150,712	218,262
2022	473,681	194,344	279,337	71,435	28,251	43,184	402,247	166,093	236,154
2027	623,669	260,782	362,887	109,683	44,272	65,411	513,986	216,511	297,475
2032	740,794	311,906	428,888	149,475	60,282	89,193	591,319	251,624	339,695
% of Increase between 2012 and 2032	121.6	139.2	110.2	338.9	341.8	337.0	96.9	115.6	85.0

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

As discussed earlier, the increase in the size of the elderly aged 60 years and above is not huge in terms of percentage: 4.9% in 2012 to 6.7% in 2032. However, this does not mean that aging will not be an issue of concern in Rwanda. The challenges for the government will be to secure resources and build infrastructure to meet the health specific needs of the elderly, to bring them the appropriate social and economic support and to improve living arrangements. The existing policies in Rwanda that deal with elderly should pay special attention to these aspects rather than focusing mainly on the absolute size of the elderly. A good starting point would be to conduct an in-depth analysis of the living conditions of the elderly, using the available data sources (PHCs, DHSs and EICVs).

8.4 Other specific interventions target groups

This section presents findings on the size and evolution of certain population sub-groups targets specific intervention or that fall under the legal categories. These include:

- population targeted by different health interventions (infants below 1 year, children in the 1-4 age group, children under five and women in the reproductive ages);

- the children (0-17 years), the youth following official definition in Rwanda (14-35 years) and youth according to the international definition (15-24 years);

- the different age-groups that fall under the legal categories: 14 years above (criminal responsibility), 16 years above (eligibility to national identification), 18 years above (emancipation age) and 21 years and above (majority age).

The findings on the evolution between 2012 and 2032 of these different groups by area of residence are presented in Table 27, Table 28 and Table 29 respectively. The size of all these groups will increase, irrespective of the projection scenarios. The increase will however be far more important in urban than in rural area.

Table 27: Evolution of the size of selected population groups target of health interventions between 2012 and 2032 by area of residence according to the medium projections scenario

Area of residence	2012	2014	2015	2017	2020	2022	2027	2032
0 Years								
Rwanda	313,036	325,392	330,348	339,694	352,583	360,858	378,549	384,244
Urban	46,216	51,968	54,782	60,502	69,377	75,523	91,313	105,505
Rural	266,820	273,424	275,566	279,192	283,206	285,335	287,236	278,739
0-4 Years								
Rwanda	1,532,834	1,553,626	1,572,061	1,623,164	1,696,055	1,740,936	1,841,303	1,899,338
Urban	226,305	248,129	260,696	289,098	333,728	364,355	444,154	521,517
Rural	1,306,529	1,305,497	1,311,365	1,334,066	1,362,327	1,376,581	1,397,149	1,377,821
1-4 Years								
Rwanda	1,219,798	1,228,234	1,241,713	1,283,469	1,343,472	1,380,078	1,462,754	1,515,095
Urban	180,089	196,161	205,914	228,596	264,351	288,832	352,842	416,012
Rural	1,039,709	1,032,073	1,035,799	1,054,873	1,079,121	1,091,246	1,109,912	1,099,083
15-49 Years								
Rwanda	2,638,451	2,793,695	2,877,025	3,056,767	3,353,961	3,559,259	4,007,949	4,388,877
Urban	477,864	578,702	616,940	699,507	839,449	941,664	1,206,334	1,486,255
Rural	2,160,587	2,214,993	2,260,085	2,357,260	2,514,512	2,617,595	2,801,615	2,902,622

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Table 28: **Evolution of the size of selected population groups target of children and youth interventions between 2012 and 2032 by area of residence according to the medium projections scenario**

Area of residence	2012	2014	2015	2017	2020	2022	2027	2032
0-17 Years								
Rwanda	4,991,864	5,157,636	5,241,919	5,412,051	5,640,568	5,756,476	6,049,275	6,406,690
Urban	721,054	807,237	852,424	947,317	1,093,790	1,188,024	1,435,339	1,731,120
Rural	4,270,810	4,350,399	4,389,495	4,464,734	4,546,778	4,568,452	4,613,936	4,675,570
14-35 Years								
Rwanda	4,174,823	4,392,503	4,498,501	4,721,242	5,083,971	5,304,330	5,777,914	6,297,405
Urban	842,648	952,668	1,009,703	1,129,731	1,328,606	1,467,186	1,829,228	2,241,175
Rural	3,332,175	3,439,835	3,488,798	3,591,511	3,755,365	3,837,144	3,948,686	4,056,230
15-24 Years								
Rwanda	2,134,864	2,202,787	2,242,647	2,349,121	2,575,621	2,736,787	2,970,403	3,059,120
Urban	416,262	462,657	487,657	545,108	653,187	734,621	917,121	1,057,735
Rural	1,718,602	1,740,130	1,754,990	1,804,013	1,922,434	2,002,166	2,053,282	2,001,385

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Table 29: **Evolution of the size of relevant legal majority age-groups between 2012 and 2032 by area of residence according to the medium projections scenario**

Area of residence	2012	2014	2015	2017	2020	2022	2027	2032
14 Years and above								
Rwanda	6,405,570	6,795,233	7,004,506	7,460,147	8,212,980	8,714,324	9,931,135	11,226,855
Urban	1,160,797	1,325,110	1,414,734	1,609,027	1,937,924	2,174,755	2,817,475	3,558,359
Rural	5,244,773	5,470,123	5,589,772	5,851,120	6,275,056	6,539,569	7,113,660	7,668,496
16 Years and above								
Rwanda	5,937,893	6,305,287	6,496,401	6,903,741	7,600,768	8,106,369	9,325,074	10,565,394
Urban	1,087,918	1,242,417	1,325,777	1,504,513	1,810,943	2,040,420	2,664,063	3,368,290
Rural	4,849,975	5,062,870	5,170,624	5,399,228	5,789,825	6,065,949	6,661,011	7,197,104
18 Years and above								
Rwanda	5,490,777	5,839,254	6,020,645	6,397,249	7,022,548	7,495,796	8,729,767	9,925,493
Urban	1,011,121	1,155,708	1,233,967	1,399,782	1,679,432	1,893,130	2,499,581	3,168,535
Rural	4,479,656	4,683,546	4,786,678	4,997,467	5,343,116	5,602,666	6,230,186	6,756,958
21 Years and above								
Rwanda	4,848,146	5,177,703	5,346,449	5,694,352	6,248,498	6,650,118	7,829,815	9,012,008
Urban	890,528	1,021,746	1,092,528	1,242,046	1,489,152	1,672,952	2,230,917	2,862,665
Rural	3,957,618	4,155,957	4,253,921	4,452,306	4,759,346	4,977,166	5,598,898	6,149,343

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

Chapter 9: Projections of the private households

This section presents the evolution of the number and size of the private households between 2012 and 2032 as well as the evolution of the annual number of newly created private households between 2013 and 2032. The findings reported here are based on the medium projections scenario.

9.1 Evolution of the number and size of the private households

Table 30 presents the evolution of the number and size of the private households between 2012 and 2032 based on the medium projections scenario. It shows that, at the national level, the number of private households is likely to double its current size over the projections period, increasing from 2.4 million in 2012 to 5.3 million in 2032. However the mean size of the households will not vary a lot, decreasing from 4.3 to 3.1 persons per household.

The evolution of the number of households will vary substantially according to the area of residence, while the evolution of the mean size will be similar in both areas.

The number of urban households will increase by threefold, from 422 thousands in 2012 to 1.6 million in 2032. The mean size of the households will decrease from 4.1 members per households to 3.1 in the same period. In rural area, the number of households will increase slower than in urban area: 2 million in 2012 to 3.7 million in 2032, equivalent to an increase of about 80%. The difference between urban and rural areas is attributed to the assumed fast growth rate in urban population in the projection scenarios.

Figure 10: Evolution of the private households between 2012 and 2032 by area of residence according to the medium projections scenario
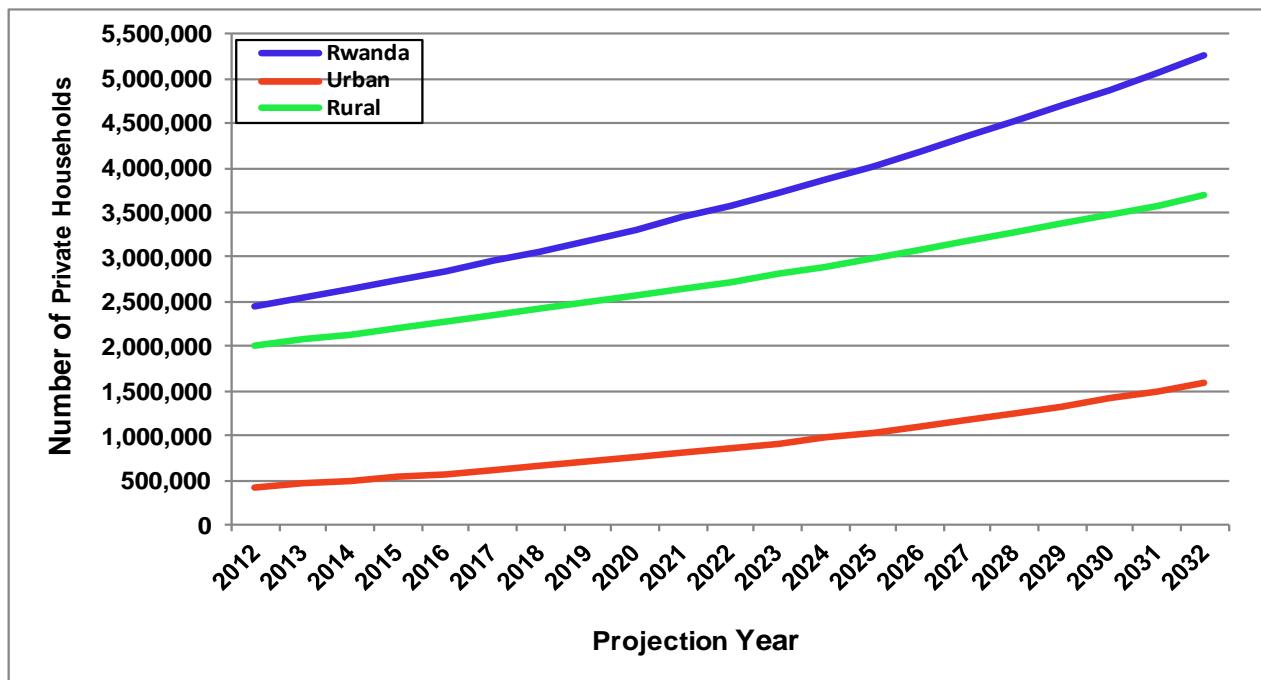
Table 30: **Evolution of the number and size of the private households and the newly created private households between 2012 and 2032 by area of residence according to the medium projections scenario**
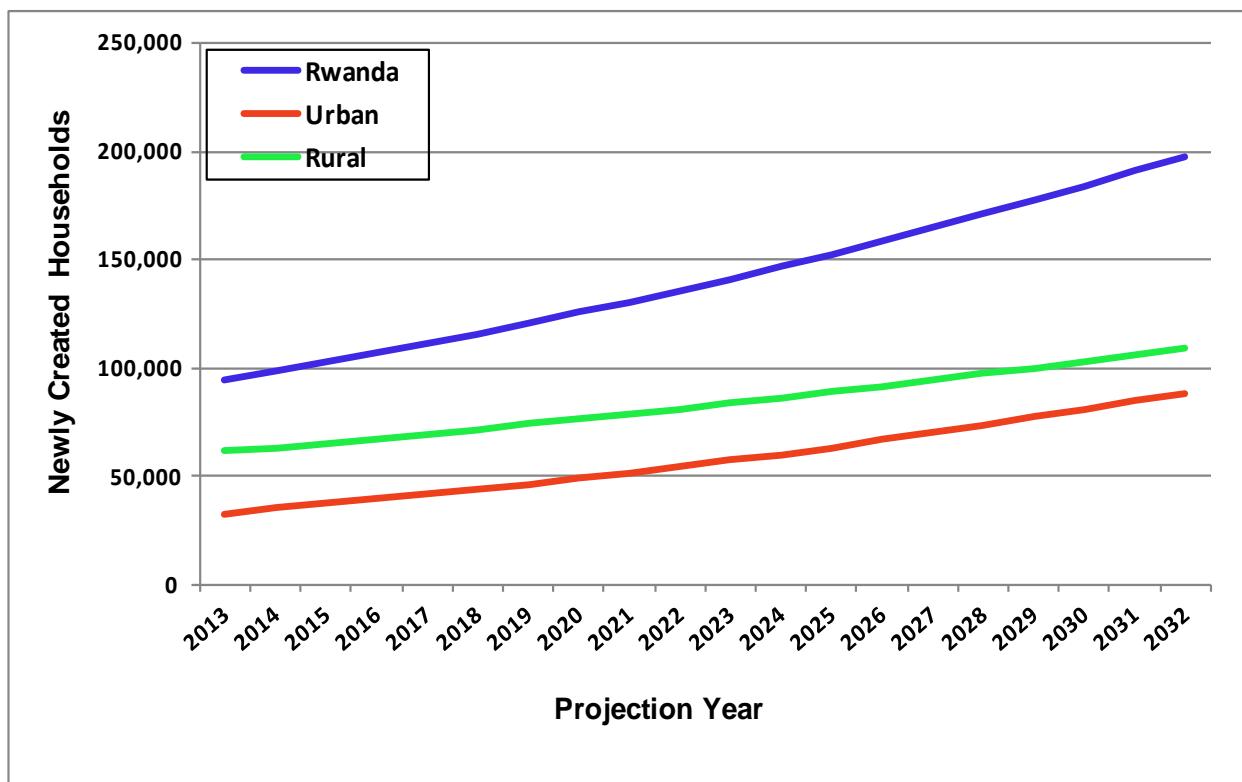
Projections Year	Total Population	Mean size	Total Households	Newly HH to be created
Rwanda				
2012	10,482,641	4.3	2,437,823	
2014	10,996,891	4.2	2,630,835	98,578
2015	11,262,564	4.1	2,733,632	102,797
2017	11,809,300	4.0	2,952,325	111,575
2020	12,663,116	3.8	3,314,952	125,674
2022	13,252,272	3.7	3,581,695	136,013
2027	14,779,042	3.4	4,346,777	165,055
2032	16,332,184	3.1	5,268,446	197,880
Urban				
2012	1,732,175	4.1	422,482	
2014	1,962,945	4.0	490,736	35,418
2015	2,086,390	4.0	528,200	37,464
2017	2,347,098	3.9	609,636	41,836
2020	2,773,222	3.7	749,519	49,129
2022	3,081,153	3.6	855,876	54,571
2027	3,934,920	3.4	1,174,603	70,296
2032	4,899,655	3.1	1,580,534	88,870
Rural				
2012	8,750,466	4.3	2,015,342	
2014	9,033,946	4.2	2,140,099	63,160
2015	9,176,174	4.2	2,205,432	65,333
2017	9,462,202	4.0	2,342,689	69,739
2020	9,889,894	3.9	2,565,432	76,546
2022	10,171,119	3.7	2,725,819	81,443
2027	10,844,122	3.4	3,172,174	94,758
2032	11,432,529	3.1	3,687,913	109,011

Source: Rwanda 4th Population and Housing Census, 2012 (NISR)

9.2 Newly created private households

Figure 11 presents the evolution of the number of newly created private households between 2013 and 2032. It shows that this number will continuously increase over time: from around 90,000 in 2013 up to about 190,000 in 2032. The trend varies by area of residence. In urban area the annual number of newly created private households will increase rapidly (from about 30,000 to 90,000 between 2013 and 2032), while in rural area the annual number of newly created households will increase slowly and even become stable around 60,000 up to 100,000 from 2013 onwards.

In conclusion, the number of private households will increase continuously and substantially in the next 20 years while the mean size will decrease a little. The growth will be fast in urban area where the number of private households will increase by 274% (almost threefold) and low in rural area with an increase of about 83% between 2012 and 2032. The fast increase that will occur in urban area derives from the assumption that the percentage of the urban population will almost double from 16.5% in 2012 to 30% in 2032.

The patterns described in this section have important policy implications. The threefold increase of the number of urban private households implies that the urban area will have to increase the surface area to build new houses. The areas that will host the new settlements will have to be properly designed and managed: roads have to be built, the new settlements should be connected to the water supply and electricity network, basic social and administrative services (health and educational facilities, administrative offices, etc.) should be put in place. The planning and investments for these infrastructures is critical to accommodate the projected number of newly created households.

Conclusion

Informations from Population projections are crucial to population planners and programme managers. Rwanda is not an exception in this regard, particularly after the demographic and social changes the country has experienced in last two decades following the 1994 genocide. Rwanda has the highest population density in Africa along with a population growth that has been exceptionally high for a long period of time. For these reasons, Rwanda has long formulated and implemented explicit policies that have direct impact on the population growth. This is still the case nowadays with many policies dealing with different sectors related to population issues. The design, implementation, monitoring and evaluation of such policies and programs require up-to-date and reliable data. The objective of the present census report on population projections was to contribute to providing such data.

This report forecasted and analyzed the future evolution of the Rwandan population by applying the standard cohort component projections on data from the 2012 Fourth Population and Housing Census conducted in Rwanda.

More specifically, the report provided results of population projections covering the 20-year period 2012-2032 on:

- the size, growth, density and age-sex structure of the total population;
- key fertility and mortality indicators;
- the size, age-sex structure, density and growth of the urban and rural populations;
- the size of specific population groups targets of specific interventions of falling into some legal categories; and
- the number and size of the private households as well as the annual number of new households to be created.

The projections were made based on high, medium and low scenarios that combine assumptions on the future trends of fertility, mortality and international migration, as well as considering the pace of current and planned future urbanization and potential size of the private households for the next 20 years. The medium scenario is the most likely one. The low scenario assumes a full achievement of all planned interventions and the high scenario assumes a slow response to all existing and future interventions. The assumptions and scenarios were formulated based on: (i) an analysis of past policies and programmes that has already influenced or likely to influence population growth in the near future; (ii) the analysis of the trends of selected key indicators; (iii) and an analysis of the current programs and policies and their targets, especially the official Revised Vision 2020 aimed at transforming Rwanda into a middle income country by year 2020.

Based on the three projections scenarios, the main findings are as follows.

The Rwandan population is highly likely to increase in the next 20 years, regardless of the scenarios: from 10.5 million in 2012 to 16.9 million (high scenario) to 16.3 million (medium scenario) or 15.4 million (low scenario) by 2032. A direct consequence of the future increase in the population is the unprecedented increase in population density to 645 inhabitants per square kilometre by 2032, according to the most likely scenario (the medium one). The population will be less young in the future with the median age increasing from 19 years in 2012 to 24 in 2032 (medium scenario). Consequently the percentage of the adults and old people in the population will increase over time while the share of the children will almost stabilize in the last years of the projections period.

The current decline in fertility will continue over time with the total fertility rate decreasing from 4.0 children per woman to 2.5 (low scenario), 3.0 (medium scenario) and 3.5 (high scenario). Mortality will also decrease, irrespective of the projection scenarios. According to the medium scenario, life expectancy at birth is likely to increase from 64.5 years to 71.4 years while infant mortality rate is likely to decrease from 48.6 in 2012 to 27.7 per 1,000 live births in 2032.

The urbanization rate will increase from 16.5% in 2012 to 30% in 2032. This rapid growth is translated by the size of the urban population multiplied by a factor of three in the next 20 years: 1.7 million in 2012 to 4.9 million in 2032, according to the medium scenario. As for the whole population, the urban population will be less young with a median age increasing from 22 years to 25 years between 2012 and 2032. The rural population will increase too but at a slower pace than the urban population. According to the medium scenario, the rural population will be 11.4 million in 2032 as compared to 8.7 million in 2012, equivalent to an increase of about 30%. The rural population will also be less young with a median age increasing from 19 years to 23 years between 2012 and 2032.

The size of certain population sub-groups such as the school-age population, the working-age population, the health interventions group, the elderly, the children and youth, and the legal age-groups categories will increase substantially over the next 20 years, especially in urban areas. For instance at the national level, the school-age population will increase from 4.3 million to 5.6 million between 2012 and 2032, equivalent to an increase of 30% over 20 years with marked differences by area of residence.

The number of private households will increase from 2.4 million to 5.3 million between 2012 and 2032. It will increase threefold in urban areas whereas in rural areas this increase will be only 83%. The mean size of the households will vary slightly, decreasing from 4.3 members per household to 3.1 in 2032 with little variation between urban and rural areas. The annual number of newly created households will increase continuously over time: from around 90,000 in 2013 up to about 190,000 in 2032.

Policy implications

- A significant threat to population and development in Rwanda is the increasing land pressure. The country needs to put in place explicit policies to deal with the unavoidable and foreseeable population overcrowding aside from the current policies aimed at reducing the population growth.

- The expected growth of urban population would exacerbate pressure on land, settlements, physical infrastructure and resources. This would imply revisiting urban planning and monitoring related interventions within the high population growth context, where appropriate giving attention to the future development of new settlements including roads, transport networks, water and electricity supply, health and educational facilities and other essential community facilities.

- The growth rate and size of future youth and working-age population would pose additional challenges in terms of generating sustainable employment and livelihood opportunities in both urban and rural areas of Rwanda.

- The decline in fertility and improvements in adult and old age survivorship would imply that the future dependency ratio will be sensitive to the decreasing number of children and increasing number of elderly people in the population. This would have implications on providing social support and healthcare and living arrangements of the elderly population.

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Annex A   Census objectives, methodology and data quality assessment

A.1   Objectives of the Census

The long-term objective of the Fourth Rwanda Population and Housing Census (RPHC4) is to contribute to:

i.   Improving the level of knowledge on the social, demographic and economic characteristics of the population of Rwanda;
ii.   Enabling a better understanding of population and development interrelationships; and
iii.   Reinforcing the National Institute of Statistics of Rwanda's (NISR) human and technical capacity.

In the short term, the objectives of the Census are to:

i.   Determine the current size of the population of Rwanda and its spatial distribution among provinces, districts, sectors, cells and villages and among rural and urban areas;
ii.   Determine the present demographic, social, economic and cultural characteristics of the population of Rwanda;
iii.   Determine the level, structure and trends in regard to fertility, mortality and migration among the population in order to come up with the natural and overall growth rates of the population of Rwanda;
iv.   Provide indicators to enable advocacy for particular groups of the population such as women, children, youth, the elderly and disabled persons;
v.   Determine the characteristics of households, housing conditions and household welfare in Rwanda to further use this information for a more elaborate poverty mapping of the country;
vi.   Produce national population projections using updated demographic data and other information on population dynamics to enhance future planning;
vii.   Update the relevant databases, providing information right down to the smallest administrative unit in order to enhance the current government policy on 'village clusters';
viii.   Provide clear details of the current statutory boundaries of all administrative units of the country to which appropriate geographical codes can then be assigned;
ix.   Constitute an updated sampling frame for Rwanda and produce maps for each enumeration area for future sample surveys; and
x.   Promote the use of Census data at national and local level in formulating, monitoring and evaluation of development programmes.

A.2 Methodology and Census phases

As mentioned in Chapter 1 of this report, following the preparatory phase of the Census which consisted of the production of the project documents, schedule and Census budget, the following technical activities were undertaken.

A.2.1 Census mapping

The purpose of the Census mapping is to divide the whole country into well-delineated enumeration areas that constitute the smallest operational Census units to be assigned to each enumerator during the enumeration period.

The Census mapping operation lasted for about a year (from February 2011 to March 2012), which enabled the NISR to better estimate the number of staff to be recruited (e.g. enumerators, team leaders, supervisors, etc.) and the other Census infrastructure and facilities necessary for planning robust field activities. The outcomes of the Census mapping include the production of a new sampling frame for future surveys and an updated administrative area boundary map for Rwanda. In total, the country was delineated into 16,728 enumeration areas within the current boundaries of administrative units, consisting of five provinces, 30 districts and 416 sectors. This allows for the easy compilation of Census results in these administrative entities.

A.2.2 Pilot Census

Prior to the conducting of the RPHC4, a Pilot Census designed for testing the Census questionnaires, other Census data-collection tools, enumeration time requirements and the state-of-preparedness of the entire field work organisation was carried out. This test was conducted on a sample of 75 enumeration areas throughout all the districts of the country, from 16 to 30 August 2011, exactly one year before the actual Census.

The Pilot Census was a dress rehearsal for the actual Census during which the various methods and procedures for field organisation were tested as well as the Census publicity/awareness campaign, Census map products and data-coding and data-entry equipment.

The lessons learnt from the Pilot Census exercise were used to revise some Census procedures and instruments necessary for a smooth/successful implementation of the actual Census enumeration work.

A.2.3 Questionnaires and manuals

The first draft of Census questionnaires prepared by the NISR was submitted to the Census Technical Committee (CTC) for review before its approval by the National Census Commission (NCC). The CTC-reviewed Census questionnaires and related manuals were tested during the Pilot Census.

The lessons learnt during the Pilot Census were used by the NISR to improve and finalise the Census questionnaires, containing 77 variables, as well as to revise the manuals of instructions

for all Census functionaries accordingly. The revised Census questionnaires and manuals were again reviewed and approved by the CTC before final approval was granted by the NCC to use the Census questionnaire for the RPHC4.

The questionnaires used to collect data are presented in Annex B of this report. Two different types of questionnaires were administered – one for private households and one for institutional households. The questionnaire for private households contained a person record, a household record and a mortality record. The questionnaire for institutional households contained only a person record.

A.2.4 Census publicity and sensitisation campaign

Prior to the conducting of Census enumeration a national publicity and sensitisation campaign was implemented in order to inform the public about the importance and relevance of the fourth Rwanda RPHC4, as well as to seek their active participation and the involvement and collaboration of administrative authorities during the Census enumeration period. A subtle and targeted publicity and awareness campaign was conducted before the Pilot Census, which was later intensified and diversified to cover all of the country as the actual Census enumeration period approached.

The active collaboration and participation of Census commissions at both provincial and district levels in campaign activities contributed significantly to the success of the Census enumeration.

The innovative mass-communication mix that was used to inform the public about the Census and, at the same time, to ask for their full participation in the RPHC4, included the following:

(i)   Census Commission meetings;

(ii)   Articles in local newspapers;

(iii)   Radio and television programmes;

(iv)   Outdoor billboards, banners, publicity spots and press releases; and

(v)   Monthly village community development meetings (*Umuganda*).

The Census results published in this report attest to the high level of cooperation of the political and administrative authorities and the effective participation of the general public in the entire Census enumeration process.

A.2.5 Recruitment and training of field staff

The RPHC4 was conducted by personnel from various institutions: the NISR (the Census executing agency), MINECOFIN, MINALOC (districts and sectors), MINAFFET, the Rwanda Defence Force, the Rwanda National Police, the Rwanda Correctional Services and MINEDUC (heads of secondary schools and teachers). The recruitment of Census functionaries was done by each institution according to the needs (i.e. number and categories of staff) of the NISR, except in the case of teachers whose recruitment was done by the NISR in collaboration with administrative authorities at the district, sector and cell levels.

At each stage of Census implementation, the necessary induction and mandatory training for NISR staff and Census functionaries took place. For example, the Census mapping phase was preceded by the training of cartographers, while the Pilot Census and the actual Census enumeration were preceded by training of enumerators and their supervisors.

About eight weeks prior to the commencement of actual Census enumeration cascading training was organised for all categories of Census functionaries, namely:

(i) Core master trainers' dialogue;

(ii) Training for 275 master trainers;

(iii) Training for 1,004 trainers organised in five training centres, one centre per province; and

(iv) Training for 24,426 enumerators in 68 training centres spread across all districts of the country.

The Census training sessions focused on the understanding of Census enumeration processes and the correct completion of Census questionnaires, reading and interpretation of Census maps, practical role plays, and field practice. All the trainers and trainees were subjected to mandatory qualifying tests which they had to pass before being appointed.

In order to mitigate the risk of declining quality of training at the various cascading training levels, the comprehensive enumerator training was voice-over simulated by core master trainers at a recording studio. The audio recorded training session was mass-recorded on CDs and distributed to all the training classes as a reference source for the trainers.

A.2.6 Actual Census enumeration

As initially planned, the actual Census enumeration of the population in private and institutional households was conducted across the country from 16 to 30 August to 2012, immediately after the Census reference night.

Although data-collection activities were carried out by well-trained enumerators, quality assurance of the Census enumeration was ensured through close supervision by line managers at various levels. The Census functionaries deployed for the RPHC4 comprised the following personnel:

(i) Enumerators and support staff;

(ii) Team supervisors, covering an average of five enumeration areas each;

(iii) Sector controllers;

(iv) Zonal supervisors, covering between two and five administrative sectors;

(v) District coordinators;

(vi) Province coordinators; and

(vii) National coordinators.

In accordance with the instructions contained in the Census Manual, each manager oversaw and ensured the operations of daily Census activities within his/her area of supervision. Enumerators were accountable for the work done on a daily basis to their team leaders, who carried out the verification of completed questionnaires and also resolved to the best of their ability challenges and/or problems encountered.

The team leaders communicated their daily progress achieved to the innovative Census Command and Control Centre (CC&CC) established at the NISR using a SMS (i.e. Short Message Service) system. The CC&CC system was an open source and web-based system that allowed NISR senior management and authorised staff to continually monitor the progress of Census enumeration in all the 16,728 enumeration areas via the internet. These officials were also able to contact each other through a MTN Closed User Group.

Prior to the conducting of Census enumeration, a robust field operations plan with worst case scenarios and risk analyses was established to facilitate hitch-free data collection and supervision of the work. Appropriate logistical support was made available to field staff, such as bicycles, motorcycles, vehicles and other necessary equipment. The mechanism utilised for the distribution of Census material for data collection as well as the repatriation of questionnaires and other materials to NISR headquarters was mainly facilitated by Rwanda Defence Force trucks.

A.2.7 Post-enumeration activities

The logistical arrangement employed for the repatriation, inventory of Census questionnaires and collating of Census counts was swift and seamless, which enabled the rapid publishing of the Provisional Census Report within 90 days of Census enumeration being concluded. The other post-enumeration activities included: the Post-Enumeration Survey (PES); data coding; data processing; the release of final results; thematic analysis; and the dissemination of Census results.

The PES was conducted from 19 September to 3 October 2012. The aim of the PES was to assess the coverage and quality of Census data gathered during the actual Census. A total of 120 enumeration areas was sampled from across all districts of the country.

The data-coding and data-processing activities were done concurrently and completed within six months. The Census data-cleaning, data-editing and data-stabilisation processes were completed in two months, after which approximately 1,000 basic Census data tables were generated. The final results were subjected to an in-depth analysis across 17 generic themes (one of which is presented in this report) in accordance with the analysis plan developed for each theme. Census monographs for each of the 30 districts will also be produced.

A.3   Data quality assessment

An independent quality review (available as an internal report to NISR) was conducted in parallel with the thematic analysis. This investigated the work done prior, during, and after enumeration to maximise the data quality. The assessment confirmed the strong planning and quality assurance throughout the enumeration to maximise representation of the population; but also found potentially weaker direct quality assurance during the data processing phase. The overall conclusion of the assessment is that the RPHC4 was implemented with strong quality control and gives an excellent representation of the population of Rwanda with generally good measurement of its structure both in terms of spread and demographic and socio-economic characteristics.

The claim of high quality with respect to representation is confirmed by the Post-Enumeration Survey (PES), which measured the net-coverage of the household population in the RPHC4 to be over 99% nationally with little variation across regions and by age and sex. Gross under-coverage was around 1.5% while gross over-coverage (erroneous inclusions) was around 0.6%. The conclusion of excellent representation is also consistent with the plausible growth rate for the population over the inter-censal period implied by the national results.

Analysis of the demographic and socio-economic information contained in the final RPHC4 database and triangulation with other data sources also confirm that for most areas, the RPHC4 gives a reliable and comprehensive representation of the population. However, some issues were found with respect to measurement of population characteristics: some possible under-reporting of males (especially at young ages), some age-heaping around the digits 0 and 2 as well as particular irregularities around the ages 2 and 12. Moreover, despite careful testing of the questionnaire with explicit enumerator instructions regarding these sections, there is also evidence of under-reporting of mortality, and to a lesser extent fertility. Indirect estimation may be appropriate in these two thematic areas. However, apart from these issues the analysis of the RPHC4 database supports the assertion of good quality with respect to measurement.

Annex B   Census questionnaire

This annex provides the key pages of the Census questionnaires. The full questionnaires including all cover sheets can be obtained from the NISR.

As mentioned above, two different types of questionnaires were administered, one for private households and one for institutional households. The questionnaire for private households contained a person record, a household record and a mortality record. The questionnaire for institutional households contained only a person record.

B.1 Private households: person record

REPUBLIC OF RWANDA

MINISTRY OF FINANCE AND ECONOMIC PLANNING		NATIONAL CENSUS COMMISSION

NATIONAL INSTITUTE OF STATISTICS OF RWANDA
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**GENERAL POPULATION AND HOUSING CENSUS
16 – 30 AUGUST 2012**

Legal Basis: Presidential decree No, 02/01 of 28/02/2011

CENSUS QUESTIONNAIRE *(PRIVATE HOUSEHOLD)*

I. SECTION L - LOCALIZATION AND IDENTIFICATION OF HOUSEHOLD

L01. PROVINCE / KIGALI CITY: ……………………………………………………………………|__|
L02. DISTRICT: ……………………………………………………………………………………|__|
L03. SECTOR: ………………………………………………………………………………|__|__|
L04. CELL: .………………………………………………………………………………|__|__|
L05. VILLAGE: ………………………………………………………………………|__|__|
L06. ENUMERATION AREA (N° EA): ……………………………………………|__|__|__|
L07. AREA OF RESIDENCE: (Urban = 1, Rural = 2): …………………………|__|__|
L08. BUILDING NUMBER: ………………………………………………|__|__|__|
L09. HOUSEHOLD NUMBER: .………………………………………|__|__|__|
L10. TYPE OF HOUSEHOLD:..……………………………………………| 1 | 0 | 0 |

L11. NUMBER OF QUESTIONNAIRES FILLED IN THIS HOUSEHOLD:	|__| / |__|

II. SECTION S - HOUSEHOLD SUMMARY TABLE TO BE FILLED IN AFTER

	MALE	FEMALE	TOTAL
PRESENT RESIDENTS (PR)			
ABSENT RESIDENTS (AR)			
TOTAL RESIDENTS (PR + AR)			
VISITORS (VIS)			
TOTAL ENUMERATED			
RESIDENTS ABOVE 18 YEARS OLD			

CONTROL SHEET

ENUMERATOR	TEAM SUPERVISOR
Enumeration Date: ………………………….	Date of Verification: ………………………
Observations:	Observations:
Name of Enumerator: …………………………………………	Name of Team Supervisor: ……………………………………
Signature:	Signature:

CODER	VERIFIER	DATA ENTRY CLERK
Name :……………………………… Date: ………………………………… Signature:	Name :……………………………… Date: ………………………………… Signature:	Name:……………………………… Date: ………………………………… Signature: Code: |__|__|

62

N°	Name and First Name (P01)	Relationship to the Head of Household (P02)	Sex (P03)	Age at last birthday (P05)
	1. Resident household members Write the names of all resident members who were present or absent during the census night: (15-16/08/2012) according to the following order : - The Head of the Household ; - Unmarried resident children of the head of the household whose mothers /fathers are not resident in the same household beginning with the eldest ; -The first Spouse, followed by her unmarried children resident in the household beginning with the eldest ; -The second, third, … .Spouses, followed by their unmarried children resident in the household beginning with the eldest; - Married resident children of the head of the household followed by their resident spouses and children; - Children unrelated to the head being brought up within the household; - Other resident persons who are related either to the head of the household or to his spouse or spouses; - Other resident persons who are unrelated either to the head of the household or to his spouse or spouses; - Names of all other residents who did not spend the census night within the household; **2. Visitors** Record the names of all visitors who spent the census night within the household (if any).	What is [NAME]'s Relationship to the head of the household? *Circle the code corresponding to the response options found at the bottom of the page, depending on the declaration of the respondent.*	What is [NAME]'s Sex? *Circle the number which matches the response given.*	How old was [NAME] at his/her Last Birthday? *If respondent do not know the exact age; Use the historical calendar provided to estimate his/her age.*
1		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
2		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
3		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
4		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
5		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
6		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
7		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
8		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
9		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
10		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
11		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|
12		1. HH 3. SD 5. FM 7. GC 9. NR 2. SP 4. UC 6. BS 8. OR	1. Male 2. Female	|__|__|__|

Relationship to the head

1. HH: Head of Household
2. SP: Spouse
3. SD: Son/Daughter
4. UC: Unrelated child
5. FM: Father/ Mother
6. BS: Brother/ Sister
7. GC: Grand child
8. OR: Non Relative
9. NR: Other relative

SECTION P – CHARACTERISTICS OF POPULATION

FOR ALL MEMBERS OF HOUSEHOLD

P01 – Serial Number of the person ☐☐

NAME: _____

P02 – What is [NAME]'s relationship to the Head of Household?

1. Head of Household

P03 – Is [NAME] male or female?

1. Male   2. Female

P04 – In what month and year was [NAME] born?

Month: _____ ☐☐   Year: ☐☐☐☐

P05 – How old was [NAME] at his/her last birthday?

Record age in completed years ☐☐☐

P06 – What is residence status of [NAME]?

1. Present Resident – PR
2. Absent Resident – AR
3. Visitor – VIS

FOR USUAL RESIDENTS

P07 – Where [NAME] was born?

Province: _____

District: _____   ☐☐☐

Foreign Country: _____

P08 – What is [NAME]'s Nationality?

1st Nationality: _____   ☐☐☐

2nd Nationality: _____

Foreigner: _____

(Record the name of the country)

P09 – Where was [NAME] residing previously?

Province: _____

District: _____   ☐☐☐

Foreign Country: _____

P10 – How long has [NAME] been living continuously in this District?

Record 000 if less than 1 year; Record 999 if the residence has not changed since birth ☐☐☐

P11 – What is [NAME]'s Religion?

1. Catholic   4. Muslim   7. No Religion
2. Protestant   5. Jehovah Witness 8. Other………….
3. Adventist   6. Tradit/Animist

P12 – Does [NAME] have any difficulty or problem as listed below? If yes, what were the causes?

Type of disability (D)	Causes (C)
1. Seeing	1. Congenital
2. Hearing	2. Disease/Illness
3. Speaking	3. Injury/Accident
4. Walking/Climbing	4. War/Mines
5. Learning/Concentrating	5. Genocide
6. Other……………	6. Not Known
	7. Other…………

If None (Write 0 in first D) → Go to P13

D	C	D	C	D	C	D	C	D	C	D	C
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

P13 – What is [NAME]'s Medical insurance?

1. Mutuelle   2. RAMA   3. MMI   4. FARG
5. Insurance Cie 6. School 7. NGO   8. Employer
9. None   10. Other……………………………

FOR RESIDENTS LESS THAN 18 YEARS OLD

P14 – Parental survivorship and residence

P14a – Is [NAME]'s natural mother alive?
1. Yes 2. No
3. Don't know

P14b – If yes, does [NAME]'s natural mother live in this household?
1. Yes
2. No

P14c – Is [NAME]'s natural father alive?
1. Yes 2. No
3. Don't know

P14d – If yes, does [NAME]'s natural father live in this household?
1. Yes
2. No

P15 – Was [NAME]'s birth registered?

1. Yes   2. No   3. Don't know

FOR RESIDENTS AGED 3 YEARS or OLDER

P16 – Can [NAME] read and write with understanding in the following languages?

Kinyarwanda	1	Record the SUM of the codes circled
French	2	
English	4	
Other	8	☐☐
None	0	

P17 – Has [NAME] ever attended school?

1. Has never attended → Go to P20
2. Has ever attended
3. Is currently attending school

P18a – What is the highest level of education [NAME] attended?

Level		Level	
Preschool	0	Secondary	3
Primary	1	University	4
Post Primary	2		

P18b – How many years of school did [NAME] complete successfully at that level?

Level	Years Completed
Preschool	0 1 2 3
Primary	0 1 2 3 4 5 6
Post primary	0 1 2 3
Secondary	0 1 2 3 4 5 6 7
University	0 1 2 3 4 5 6 7+

P19 – What is the highest certificate/degree [NAME] obtained?

0. None
1. CE/FM
2. EMA/ENTA
3. A3/D4/D5
4. A2/D6/D7
5. A1: Bacc/Diploma
6. A0: Bachelor
7. MA: Master
8. PhD: Doctorate

FOR RESIDENTS AGED 5 YEARS or OLDER

P20 – Aside from his/her own housework, did [NAME] work at least 1 hour during the last 7 days preceding the census night (8-14/08/2012)?

1. Yes → Go to P25
2. No

P21 – Why [NAME] did not work during the last 7 days (8-14/8/12)?

0. Home worker
1. Non-worker (Never worked)
2. Non-worker (Ever worked)
3. On leave, but has job → Go to P25
4. Retired
5. Old age ⟩ Go to P23
6. Student
7. Other: …………………………

P22 – Did [NAME] do one of the following activities during the last 7 days (8-14/08/2012)?

1. Farming/Rearing animals/Fishing
2. Production
3. Services/Selling ⟩ Go to P25
4. House worker at someone's house
5. Home worker at own house
6. None

P23 – Is [NAME] available to work?

1. Yes   2. No → Go to P29

P24 – Has [NAME] been seeking for work during the last 7 days (08-14/08/2012)?

0. No
1. Yes, 1st job ⟩ Go to P29
2. Yes, new job

FOR RESIDENTS WHO ARE CURRENTLY WORKING or HAVE EVER WORKED

P25 – What was [NAME]'s main occupation (type of work) during the last 7 days preceding the census night or during the last time he/she worked?

_____   ☐☐☐☐

P26 – What is [NAME]'s status in employment?

1. Employee   5. Producers' cooperative member
2. Employer
3. Self-employed   6. Other
4. Contributing family worker

P27 – What is the main product, service or activity of [NAME]'s place of work?

_____   ☐☐☐☐

P28 – What is [NAME]'s institutional sector of employment?

1. Public   3. Non-profit institution
2. Private   4. Household

FOR RESIDENTS AGED 12 YEARS or OLDER

P29 – What is [NAME]'s marital status?

1. Never married   3. Separated   5. Divorced
2. Married   4. Widowed

If never married and FEMALE → P33

If Widowed or Divorced → P32

If never married and MALE → Next Person

P30 – How many spouses [NAME] have?
(For men only)

Current number of spouses: ☐

P31 – What is the rank of [NAME] to the spouse? (For women only)

Current rank as spouse: ☐

P32 – How old was [NAME] when he/she first got married or lived together with partner?

Age at first marriage : ☐☐

FOR RESIDENT WOMEN AGED 12 YEARS or OLDER

P33 – How many live births [NAME] has ever had?

If none, write 00 for each sex and proceed to the next person

Male ☐☐   Female ☐☐

P34 – Among those children, how many are still alive?

Male ☐☐   Female ☐☐

P35 – How many live births has [NAME] had during the last 12 months (from 15/08/2011 to 15/08/2012)?

Male ☐   Female ☐

P36 – Among those children, how many are still alive?

Male ☐   Female ☐

SECTION P – CHARACTERISTICS OF POPULATION

FOR ALL MEMBERS OF HOUSEHOLD

P01 – Serial Number of the person ☐☐

NAME: _____

P02 – What is [NAME]'s relationship to the Head of Household?

2. Spouse
3. Son/Daughter
4. Unrelated Child
5. Father/Mother
6. Brother/Sister
7. Grandchild
8. Other Relative
9. Non Relative

P03 – Is [NAME] male or female?

1. Male
2. Female

P04 – In what month and year was [NAME] born?

Month:_____ ☐☐   Year: ☐☐☐☐

P05 – How old was [NAME] at his/her last birthday?

Record age in completed years ☐☐☐

P06 – What is residence status of [NAME]?

1. Present Resident – PR
2. Absent Resident - AR
3. Visitor – VIS

FOR USUAL RESIDENTS

P07 – Where [NAME] was born?

Province: _____
District: _____ ☐☐☐
Foreign Country: _____

P08 – What is [NAME]'s Nationality?

1st Nationality: _____
2nd Nationality: _____ ☐☐☐
Foreigner:_____
(Record the name of the country)

P09 – Where was [NAME] residing previously?

Province: _____
District: _____ ☐☐☐
Foreign Country: _____

P10 – How long has [NAME] been living continuously in this District?

Record 000 if less than 1 year;
Record 999 if the residence has ☐☐☐
not changed since birth

P11 – What is [NAME]'s Religion?

1. Catholic
2. Protestant
3. Adventist
4. Muslim
5. Jehovah Witness
6. Tradit/Animist
7. No Religion
8. Other……...…...

P12 – Does [NAME] have any difficulty or problem as listed below? If yes, what were the causes?

Type of disability (D)	Causes (C)
1. Seeing	1. Congenital
2. Hearing	2. Disease/Illness
3. Speaking	3. Injury/Accident
4. Walking/Climbing	4. War/Mines
5. Learning/Concentrating	5. Genocide
6. Other……………….	6. Not Known
	7. Other……………

If None (Write 0 in first D ➤ P13)

D	C	D	C	D	C	D	C	D	C	D	C	D	C
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

P13 – What is [NAME]'s Medical insurance?

1. Mutuelle   2. RAMA 3. MMI   4. FARG
5. Insurance Cie   6. School   7. NGO   8. Employer
9. None   10. Other………………………………………

FOR RESIDENTS LESS THAN 18 YEARS OLD

P14 – Parental survivorship and residence

P14a - Is [NAME]'s natural mother alive?
1. Yes 2. No
3. Don't know

P14b - If yes, does [NAME]'s natural mother live in this household?
1. Yes
2. No

P14c - Is [NAME]'s natural father alive?
1. Yes 2. No
3. Don't know

P14d - If yes, does [NAME]'s natural father live in this household?
1. Yes
2. No

P15 – Was [NAME]'s birth registered?
1. Yes   2. No   3. Don't know

FOR RESIDENTS AGED 3 YEARS or OLDER

P16 – Can [NAME] read and write with understanding in the following languages?

Kinyarwanda	1	Record the SUM of the codes circled
French	2	
English	4	☐☐
Other	8	
None	0	

P17 – Has [NAME] ever attended school?

1. Has never attended ➤ Go to P20
2. Has ever attended
3. Is currently attending school

P18a – What is the highest level of education [NAME] attended?

	Level		Level
Preschool	0	Secondary	3
Primary	1	University	4
Post Primary	2		

P18b – How many years of school did [NAME] complete at that level?

Level	Years Completed
Preschool	0 1 2 3
Primary	0 1 2 3 4 5 6
Post primary	0 1 2 3
Secondary	0 1 2 3 4 5 6 7
University	0 1 2 3 4 5 6 7+

P19 – What is the highest certificate/degree [NAME] obtained?

0. None
1. CE/FM
2. EMA/ENTA
3. A3/D4/D5
4. A2/D6/D7
5. A1: Bacc/Diploma
6. A0: Bachelor
7. MA: Master
8. PhD: Doctorate

FOR RESIDENTS AGED 5 YEARS or OLDER

P20 – Aside from his/her own housework, did [NAME] work at least 1 hour during the last 7 days preceding the census night (8-14/08/2012)?

1. Yes ➤ Go to P25
2. No

P21 – Why [NAME] did not work during the last 7 days (8-14/08/2012)?

0. Home worker
1. Non-worker (Never worked)
2. Non-worker (Ever worked)
3. On leave, but has job ➤ P25
4. Retired
5. Oldness
6. Student } Go to P23
7. Other: ………………………

P22 – Did [NAME] do one of the following activities during the last 7 days (8-14/08/2012)?

1. Farming/Rearing animals/Fishing
2. Production
3. Services/Selling } Go to P25
4. House worker at someone's house
5. Home worker at own house
6. None

FOR RESIDENTS WHO ARE CURRENTLY WORKING or HAVE EVER WORKED

P23 – Is [NAME] available to work?

1. Yes   2. No ➤ Go to P29

P24 – Has [NAME] been seeking for work during the last 7 days (8-14/08/2012)?

0. No
1. Yes, 1st job } Go to P29
2. Yes, new job

P25 – What was [NAME]'s main occupation (type of work) during the last 7 days preceding the census night or during the last time he/she worked?

_____ ☐☐☐☐

P26 – What is [NAME]'s status in employment?

1. Employee
2. Employer
3. Self-employed
4. Contributing family worker
5. Producers' cooperative member
6. Other

P27 – What is the main product, service or activity of [NAME]'s place of work?

_____ ☐☐☐☐

P28 – What is [NAME]'s institutional sector of employment?

1. Public
2. Private
3. Non-profit institution
4. Household

FOR RESIDENTS AGED 12 YEARS or OLDER

P29 – What is [NAME]'s marital status?

1. Never married   3. Separated   5. Divorced
2. Married   4. Widowed

If never married and FEMALE ➤ P33
If Widowed or Divorced ➤ P32
If never married and MALE ➤ Next Person

P30 – How many spouses [NAME] have?
(For men only)

Current number of spouses: ☐

P31 – What is the rank of [NAME] to the spouse?   (For women only)

Current rank as spouse: ☐

P32 – How old was [NAME] when he/she first got married or lived together with partner?

Age at first marriage : ☐☐

FOR RESIDENT WOMEN AGED 12 YEARS or OLDER

P33 – How many live births [NAME] has ever had?

If none, write 00 for each sex and proceed to the next person

Male ☐☐   Female ☐☐

P34 – Among those children, how many are still alive?

Male ☐☐   Female ☐☐

P35 – How many live births has [NAME] had during the last 12 months (from 15 August 2011 to 15 August 2012)?

Male ☐   Female ☐

P36 – Among those children, how many are still alive?

Male ☐   Female ☐

B.2   Private households: household record and mortality record

SECTION H: HOUSING UNITS CHARACTERISTICS

H01 – TYPE OF HABITAT
1. Umudugudu (clustered rural settlement)
2. Old settlement
3. Dispersed/Isolated housing
4. Planned urban housing
5. Spontaneous/Squatter housing
6. Other type of housing

H02 – TYPE OF BUILDING
1. House occupied by one household
2. House occupied by several households
3. Storey building occupied by one or more households
4. Several buildings in a compound occupied by several households
5. Other type of building

H03 – TENURE OF THE HOUSING UNIT
1. Owner   5. Staff housing
2. Tenant   6. Refuge/Temporary camp settlement
3. Hire purchase
4. Free lodging   7. Other.....................

H04 – MAIN MATERIAL OF THE ROOF
What is the main material used for the roof?
(In case of a storey building, consider the roof of the last floor)
1. Iron Sheets   5. Concrete
2. Local Tiles   6. Cartoons/Sheathing
3. Industrial Tiles 7. Grass
4. Asbestos   8. Other material

H05 – MAIN MATERIAL OF THE WALLS
What is the main material used for the walls?
1. Wood/Mud   6. Stone
2. Wood/Cemented mud   7. Timber
3. Sundried bricks   8. Burnt bricks
4. Plastic Sheathing/Cardboard 9. Other
5. Cement blocks/Concrete

H06 – MAIN MATERIAL OF THE FLOOR
What is the main material used for the floor?
1. Earth/Sand   4. Burn bricks
2. Concrete   5. Timber
3. Stone   6. Other

H07 – NUMBER OF ROOMS
How many rooms do the housing units have, including bathrooms, toilets, kitchen, store rooms?

H08 – NUMBER OF BED ROOMS
How many of these rooms are used for sleeping?

H09 – NUMBER OF OCCUPANTS
How many persons usually sleep in the housing unit?

H10 – MAIN SOURCE OF WATER
What is the main source of water supply for members of the household?
1. Internal pipe-born water
2. Pipe-born water in the compound
3. Public tap out of the compound
4. Protected Spring/Well
5. Unprotected Spring/Well
6. Rain water
7. River
8. Lake/Stream/Pond/Surface water
9. Other

H11 – TYPE OF TOILET FACILITY
What is the main type of toilet facility used by the members of the household?
1. Flush toilet/Water Closet (WC) system
2. Private pit latrine
3. Public pit latrine
4. Bush
5. Other

H12 – MAIN SOURCE OF ENERGY FOR LIGHTING
What is the main source of energy the household uses for lighting?
1. Electricity by EWSA
2. Hydro-electric or other private source
3. Solar power   4. Generator
5. Kerosene lamp   6. Paraffin
7. Biogas   8. Candle
9. Firewood   10. Other

H13 – MAIN SOURCE OF ENERGY FOR COOKING
What is the main source of energy the household uses for cooking?
1. Electricity   5. Firewood
2. Gas   6. Charcoal
3. Biogas   7. Grass/Leaves
4. Kerosene   8. Other

H14 – ENERGY SAVING STOVE
Do you have an energy saving stove in this house?
1. Yes, and it is used   2. Yes, but it is not used
3. No

H15 – MODE OF WASTE DISPOSAL
What is the main mode of household waste disposal used?
1. Compost dumping   2. Private dust bins
3. Public refuse dumps   4. In the bush
5. On the farms
6. In a River/Stream/Drain/Gutter
7. Other

H16 – MODE OF SEWAGE DISPOSAL
What is the main mode of sewage disposal used by the household?
1. Sump   5. Main sewer
2. In the courtyard   6. Cesspool
3. Rivulet/Trench/Channels 7. Bush
4. In the street   8. Other

H17- H25 – HOUSEHOLD ASSETS
How many does the household have of the following assets in functioning condition?
- H17 – Radio
- H18 – Television
- H19 – Telephone (fixed line)
- H20 – Cell phone
- H21 – Refrigerator/Freezer
- H22 – Computer
- H23 – Vehicles
- H24 – Motorcycles
- H25 – Bicycles

H26 – INTERNET ACCESS: Does any member of this household have access to Internet?
1. Yes   2. No → Go to H28-H34

H27 – Where do you access Internet?

From Home	1	Record the SUM of the codes circled
From Office / School	2	
From Cyber Cafe	4	
Other	8	

H28-H34 – How many cattle, goats, sheep, pigs, poultry/fowl and rabbits do you have in this household?
- H28a – Local breed cow
- H28b – Cross breed cow
- H28c – Exotic breed cow
- H29 – Goats
- H30 – Sheep
- H31 – Pigs
- H32 – Rabbits
- H33 – Poultry
- H34 – Other poultry

H35 – During the last 12 months (15/08/2011 – 15/08/2012), has any member of this household done agriculture activity or rented his land?
1. Yes, in his own land
2. Yes, in land he rented
3. No, he/she has rented it out
4. No, he/she has not rented it
5. No, without land

SECTION M: MORTALITY

Please record information on deaths that occurred in the household during the last 12 months.
Do not forget the children.

M1 – Is there any member of the household who died during the last 12 months (15/08/2011-15/08/2012)?
1. Yes   2. No → End of the interview

M2 – Specify the sex, age and cause of death.

Death No.	Sex 1. Male 2. Female	Age at death (Record 000 if less than 1 year)	Cause 1. Accident 2. Murder 3. Violence 4. Suicide 5. Injury 6. Illness *If 1-5 and → Next Person*	If death of Woman aged 12-49, ...		
				Did the death occur while pregnant? 1. Yes 2. No	Did the death occur during childbirth? 1. Yes 2. No	Did the death occur during the 6 weeks period following the termination of pregnancy, irrespective of the way the pregnancy was terminated? 1. Yes 2. No

B.3 Institutional households: person record

CENSUS QUESTIONNAIRE *(INSTITUTIONAL HOUSEHOLD)*

I. SECTION L - LOCALIZATION AND IDENTIFICATION OF HOUSEHOLD

L01. PROVINCE / KIGALI CITY: ....|___|

L02. DISTRICT: ....|___|

L03. SECTOR: ....|___|___|

L04. CELL: ....|___|___|

L05. VILLAGE: ....|___|___|

L06. ENUMERATION AREA (N° EA): ....|___|___|

L07. AREA OF RESIDENCE: (Urban = 1, Rural = 2): ....|___|

L08. BUILDING NUMBER: ....|___|___|___|

L09. HOUSEHOLD NUMBER: ....|___|___|___|

L10. TYPE OF HOUSEHOLD:..| 2 |___|___|

L11. NUMBER OF QUESTIONNAIRES FILLED IN THIS HOUSEHOLD:	|___| / |___|

II. SECTION S - HOUSEHOLD SUMMARY TABLE TO BE FILLED IN AFTER

	MALE	FEMALE	TOTAL
PRESENT RESIDENTS (PR)			
ABSENT RESIDENTS (AR)			
TOTAL RESIDENTS (PR + AR)			
VISITORS (VIS)			
TOTAL ENUMERATED			
RESIDENTS ABOVE 18 YEARS OLD			

CONTROL SHEET

ENUMERATOR	TEAM SUPERVISOR
Enumeration Date:	Date of Verification: ....
Observations:	Observations:
Name of Enumerator:	Name of Team Supervisor: ....
Signature:	Signature:

CODER	VERIFIER	DATA ENTRY CLERK
Name :.................................. Date: .... Signature:	Name :.................................. Date: .... Signature:	Name:.................................. Date: .... Signature: Code: |__|__|

67

N°	SECTION P - CHARACTERISTICS OF POPULATION						
	Name and First Name	Is [NAME] male or female?	In what month and year was [NAME] born?	How old was [NAME] at his/her last birthday?	What is residence status of [NAME]?	Where [NAME] was born? (Province and District or Country)	What is [NAME]'s Nationality?
	P01	P03	P04	P05	P06	P07	P08
1		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
2		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
3		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
4		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
5		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
6		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
7		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
8		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
9		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
10		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
11		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
12		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
13		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
14		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|
15		1. Male 2. Female	|_|_/|_|_|_|	|_|_|	1. Present Resident 2. Absent Resident 3. Visitor	.... |_|_|_|	.... |_|_|_|

SECTION P - CHARACTERISTICS OF POPULATION (cont'd)

	QUESTIONS ADDRESSED TO ALL HOUSEHOLD MEMBERS		FOR MEMBERS AGED 3 YEARS or ABOVE			MEMBERS AGED 12 YEARS or ABOVE
	Where was [NAME] Residing previously? (District and Province or Country)	Does [NAME] have any disability? If yes, what were the causes? If None *(Write 0 in D and Go to P17)*	Has [NAME] ever attended preschool, school or literacy program? *If P17 = 1 Go to P29*	What is highest level of school or literacy program [NAME] attended?	How many years of school did [NAME] complete at that level?	What is [NAME]'s marital status?
	P09	**P12**	**P17**	**P18a**	**P18b**	**P29**
1		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
2		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
3		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
4		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
5		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
6		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
7		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
8		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
9		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
10		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
11		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
12		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
13		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
14		D C D C D C D C D C	1. Has never attended 2. Has ever attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced
15		D C D C D C D C D C	1. Has never attended 2. Has never attended 3. Is currently attended	|___|	|___|	1. Never married 2. Married 3. Separated 4. Widowed 5. Divorced

P12: **Type of disability (D)**
1. Seeing
2. Hearing
3. Speaking
4. Walking/Climbing
5. Learning/Concentrating
6. Other

Causes (C)
1. Congenital
2. Disease/Illness
3. Injury/Accidents
4. War/Mines
5. Genocide
6. Not known
7. Other

P18a: Level
0. Preschool
1. Primary
2. Post-primary
3. Secondary
4. University

P18b Year completed
0 1 2 3
0 1 2 3 4 5 6
0 1 2 3
0 1 2 3 4 5 6 7
0 1 2 3 4 5 6 7+

Annex C   Glossary of key terms and definitions

This Glossary provides definitions of key concepts and indicators used in the thematic reports of the Fourth Rwanda Population and Housing Census (RPHC4). Readers are referred to the methodological sections of the respective reports for a more detailed technical explanation of indicators.

C.1   Population and demographic characteristics

Residents: persons who have lived for more than six months in the place where they were enumerated or who intended to live for more than six months in that place. They represent the population usually living in a place. Residents could be:

- **Present residents:** present in their place of usual residence on the reference night; or
- **Absent residents:** not present in their place of usual residence on the reference night. The person must be absent for a period shorter than or equal to six months.

Visitors: persons who were not usual residents of the household. They might be residents in another place in Rwanda, and thus absent residents in that place, or non-residents of the country, for example tourists present at the moment of the Census.

De facto population (present residents + visitors): includes all persons physically present in the country or area at the reference date.

De jure population (present residents + absent residents): includes all usual residents of the given country or area, whether or not they were physically present in the area at the reference date. The de jure population is also referred to as the (usual) resident population. Most of the analysis presented in these thematic reports is based on the de jure population.

Demographic dependency ratio: is measured as the ratio between those typically not in the labour force and the age group typically in the labour force. Using the national definition of working age, it is defined as the sum of persons aged 0 to 15 and elderly people aged 60 and above, divided by the population in the 16 to 59 age group, multiplied by 100. For international comparisons, age groups 0 to 14 and 65 and above are used to identify dependents.

Population pyramid: graphically displays a population's age and sex composition. Horizontal bars present the numbers (or percentages) of males and females in each age group or at each individual age. The sum of all the age/sex groups in the population pyramid equals the total population.

Sex: refers to the classification of people as male or female, based on biological and physiological characteristics such as chromosomes, hormones, and reproductive organs.

Sex ratio: the number of males per 100 females in the population. A sex ratio of 100 would imply that there are as many males as females.

Disability status: characterises the population into those with and without a disability. The 'International Classification of Functioning, Disability and Health' defines disability as 'an umbrella term for impairments, activity limitations and participation restrictions. It denotes the negative aspects of the interaction between an individual (with a health condition) and that individual's contextual factors (environmental and personal factors).' The following limitations in activity functioning are considered in the RPHC4: seeing, hearing, speaking, walking/climbing, learning/concentrating and another type of difficulty/disability.

Total fertility rate (TFR): refers to the average number of children a hypothetical cohort of women would have at the end of their reproductive period during their lifetime if they were subject to experiencing the ASFRs of a given period. It is calculated by summing the ASFRs and multiplying the sum by the width of the age interval. The indirect estimate of TFR for Rwanda is obtained by applying the Arriaga (ARFE2) method after adjusting the ASFRs using the El Badry correction procedure.

Age-specific fertility rate (ASFR): refers to the number of births to women in a specific age group, divided by the number of women in that age group. The ASFR is expressed as number of births per 1,000 women.

Mean age at childbearing: the mean age of mothers at the time of the birth of their children if women were subject throughout their lives to the ASFRs observed in a given year.

Parity: the number of children born alive to a woman. Zero parity women are those with no live births and single parity refers to those women who have one child and so on.

Nuptiality: refers to marriage as a population phenomenon, including the rate at which it occurs, the characteristics of people united in marriage, and the dissolution of such unions (through divorce, separation, widowhood, and annulment). The question on marital status was formulated as follows: 'what is [name]'s marital status?' Men in marital union were further asked the type of union, whether it is a monogamous or a polygamous union, and the age at first union. Women in union were asked about their rank as spouse and their age at first union.

Marital status: personal status of each individual in relation to the marriage laws or customs of the country and defined in the Census in five categories: *Never married*: an individual who has never been in a union; *Married*: an individual who was in marital union at the moment of the Census, legally or not; *Divorced*: an individual who has been separated from his or her spouse through a court decision, according to legislation; *Separated*: an individual who has separated temporarily from his/her spouse and is awaiting the court decision; *Widowed*: a man or a woman who has lost his or her spouse by death, not yet remarried. The marital status of all usual residents aged 12 and above is enquired about in the Census questionnaire.

Monogamous: is defined as having one spouse. This indicator is only calculated for currently married or separated males aged 12 and above living in private households.

Polygamous: is defined as having more than one spouse. This indicator is only calculated for currently married or separated males aged 12 and above living in private households.

C.2   Housing and household characteristics

Housing unit: a separate and independent place of abode intended for habitation by a single household or one not intended for habitation but occupied by a household at the time of the Census. The essential features of housing units are separateness and independence.

Household: the concept of the household is based on the arrangements in regard to food or other essentials for living. One household occupies a single housing unit.

Private household: consists of one or more persons living together and sharing at least one daily meal. Persons in a private household may or may not be related, or may constitute a combination of persons both related and unrelated. In order to facilitate analysis of the de jure population (usual residents) across thematic reports, private households were further categorised as follows:

a) Households where there is at least one usual resident in the household (present or absent resident); and
b) Households consisting only of visitors (e.g. households found during the Census in their holiday homes, etc.)

Subsequently, and across all thematic reports, any analysis of the characteristics of 'private households' will refer to the definition in (a) above, whereas analysis of 'private housing units' will refer to households under both (a) and (b).

Institutional household: comprises a group of persons who are being provided with institutionalised care, and includes educational institutions, health care institutions, military institutions, religious institutions, or institutions for the elderly or persons with disabilities. In the RPHC4, persons who were homeless on the night of the Census were also classified as belonging to an institutional household.

Head of household: refers to a person recognised as such by the respondent. Every private household has one and only one household head.

Sources of drinking water: have been split into improved and unimproved sources. Improved sources include internal pipe-borne water, pipe-borne water in the compound, public tap outside the compound, protected spring/well, and rain water. These categorisations are based on the definition developed by the World Health Organization (WHO) and the United Nations Children's Fund (UNICEF) Joint Monitoring Programme (NISR, n.d.) in 2010. Unimproved sources include unprotected springs/wells, rivers and lakes/streams/ponds/surface water.

Housing tenure: refers to legal occupation of the dwelling. Usually, occupancy here is defined as owner, tenant, hire purchase, free lodging, staff housing or refugee/temporary camp settlement.

C.3   Education

Education system (Rwanda) and degrees/certificates: the education system in Rwanda is organised in four levels:

- **Pre-primary education:** is organised in nursery schools for a period of three years for children between the ages of three and six.
- **Primary education:** lasts for six years and the official age at this level is seven to 12.
- **Secondary education:** lasts for six years and the official age for this level is 13 to 18. It is composed of lower secondary (the first three years – often referred to as Tronc Commun) and upper secondary (the second three years). The following certificates and/or diplomas were or are currently awarded at this level of education:
    i) **ENTA:** (*Ecole Normale Technique Auxiliaire)* – a certificate awarded upon successful completion of five years of secondary school. This type of certificate is no longer available.
    ii) **A3/D4/D5**: certificates awarded upon successful completion of three, four or five years of secondary school. This type of certificate is no longer available.
    iii) **A2/D6/D7**: certificates awarded upon successful completion of six or seven years of secondary school.

    Previously, **post-primary education** constituted an alternative to lower secondary school that targeted specialised fields of study and allowed students, after successfully completing three years of study, to either: i) enter upper secondary level or ii) enter the labour market. Some disaggregations by highest level attended may group post-primary and secondary education. The following certificates and/or diplomas were awarded at this level of education:
    i) **EMA** (*Ecole des Moniteurs Auxiliaire*): a certificate awarded upon successful completion of two years of post-primary education, when this level existed in the education system.
    ii) **CE/FM** (*Centre d'Enseignement Rural Artisanal Integré/Certificat d'Etude Familiale*)*:* a certificate awarded upon successful completion of three years of post-primary education.
- **Tertiary education:** the duration of tertiary education varies between three and six years according to the institution and the field of study. The following certificates and/or diplomas were or are currently awarded at this level of education:
    i) **Bacc/diploma**: a degree previously awarded upon successful completion of two years of university. It is no longer available.
    ii) **Bachelor's**: a degree awarded upon successful completion of four years of university.
    iii) **Master's**: a degree awarded to a university graduate upon his/her successful completion of at least one year of post-graduate studies.
    iv) **PhD**: a degree awarded to a university graduate upon his/her successful completion of a doctoral programme, usually lasting between three and four years.

Highest level of education attended: current or previous attendance at any regular accredited educational institution or programme, public or private, for organised learning at pre-school, primary, post-primary, secondary, university level – or none.

Net Attendance Ratio (NAR): attendance of the official age group for a given level of education expressed as a percentage of the corresponding school-age population.

Literacy: the ability to both read and write with understanding (self-reported). A literate person is one who can both read and write a short, simple statement on his or her everyday life. An illiterate person is one who cannot, with understanding, both read and write such a statement. Hence, a person capable of reading and writing only figures and his or her own name should be considered illiterate, as should a person who can read but not write as well as one who can read and write only a ritual phrase that has been memorised. Literacy is recorded in the following languages: Kinyarwanda, English, French and Other.

C.4   Employment/economic activity

Working age: even though the minimum working age specified in the labour law of Rwanda is 16, the 2012 RPHC collected data on the economic activities of persons aged five and above. The official retirement age is 60, but there is no upper limit to the working age in the Rwandan context. Employment indicators are computed for the resident population aged 16 and above, except for the analysis of children in employment.

Employed population: refers to persons who worked at least one hour in the seven-day period before the Census night, or who were temporarily absent from a job, or who were engaged in productive activities during the reference period, including: farming/rearing animals/fishing; production; services/selling; and domestic work at someone else's house.

Unemployed population: refers to persons who, during the seven-day period before the Census night, were without work but available for work. This constitutes the 'relaxed' definition of unemployment, as the condition of *seeking* work during the reference period is not taken into consideration.

Economically active population/labour force: refers to the sum of the employed and unemployed populations.

Inactive population: refers to persons who during the seven-day period before the Census night were without work and not available for work. These include persons looking after the house/family, students, people who have retired and persons who consider themselves too old to work.

Labour force participation rate (LFPR): defined as the ratio of the active population to the sum of the active and inactive population, expressed in percentage terms. Persons whose economic activity status has not been stated are excluded from the calculation of the LFPR.

Unemployment rate: defined as the ratio of unemployed to the labour force, expressed in percentage terms.

Status in employment: the International Standard Classification of status in employment identifies the following statuses: *employees* are persons working in paid (wage/salary, in-kind) employment; *employers* are persons on own account or with one or a number of partners in a self-employed job who engage one or more employees on a continuous basis; the *self-employed* are persons on own account or with one or a number of partners in a self-employed job not engaging any employee on a continuous basis; *contributing family workers* are persons working for an establishment operated by a household member who cannot be regarded as a partner; and *members of producers' cooperatives* are persons working in a cooperative producing goods and services, in a self-employed job, not engaging any employee on a continuous basis.

Main industry and main occupation: the classifications of the main branch of economic activity are based on the International Standard Industrial Classification (ISIC), version 4 and the classifications of the main occupation are based on the International Standard Classification of Occupations (ISCO), version 4.

Economic dependency ratio: is measured as the ratio between economically dependent persons (sum of unemployed, inactive, and children aged five and under) and employed persons, multiplied by 100. An economic dependency ratio of 100 would imply that one employed person has to support one economically dependent person.

C.5   Socio-cultural characteristics

Religion: the following nine response options were offered to measure religious affiliation in Rwanda: Catholic, Protestant, Adventist, Jehovah's Witness, other Christian religion, Muslim, traditionalist/animist, other religion and no religious affiliation

Nationality: nationality means the state of being legally a citizen of a particular country or the legal right of belonging to a particular nation whether by birth or naturalisation. Types of nationality are identified as single and dual nationality, which refers to the state of being a citizen of two countries. Article 7 of the Constitution of Rwanda specifies that persons of Rwandan origin, along with their descendants, have the right to acquire Rwandan nationality on demand. The same article provides allowance for dual nationality.

Annex C: Supplementary tables

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario

Single age	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
0	322,079	162,858	159,221	329,491	166,612	162,879	336,669	170,247	166,422	343,733	173,826	169,907	350,803	177,408	173,395
1	308,167	153,759	154,408	317,309	160,216	157,093	324,863	164,053	160,810	332,196	167,779	164,417	339,429	171,456	167,973
2	305,623	152,425	153,198	305,973	152,618	153,355	315,167	159,089	156,078	322,790	162,962	159,828	330,199	166,727	163,472
3	303,897	151,511	152,386	304,087	151,610	152,477	304,513	151,841	152,672	313,740	158,320	155,420	321,410	162,216	159,194
4	302,597	150,815	151,782	302,731	150,884	151,847	302,977	151,011	151,966	303,458	151,270	152,188	312,712	157,756	154,956
5	301,561	150,252	151,309	301,663	150,304	151,359	301,841	150,396	151,445	302,131	150,546	151,585	302,656	150,828	151,828
6	314,187	156,517	157,670	300,779	149,819	150,960	300,918	149,890	151,028	301,132	150,000	151,132	301,459	150,169	151,290
7	311,696	155,206	156,490	313,478	156,121	157,357	300,132	149,456	150,676	300,302	149,543	150,759	300,547	149,669	150,878
8	306,146	152,311	153,835	311,076	154,860	156,216	312,883	155,787	157,096	299,589	149,150	150,439	299,786	149,251	150,535
9	297,448	147,770	149,678	305,610	152,014	153,596	310,555	154,570	155,985	312,382	155,508	156,874	299,133	148,894	150,239
10	286,082	141,831	144,251	296,991	147,522	149,469	305,160	151,769	153,391	310,118	154,332	155,786	311,963	155,278	156,685
11	273,136	135,070	138,066	285,692	141,624	144,068	296,602	147,315	149,287	304,778	151,565	153,213	309,747	154,133	155,614
12	260,237	128,356	131,881	272,787	134,888	137,899	285,341	141,441	143,900	296,254	147,132	149,122	304,435	151,384	153,051
13	249,254	122,692	126,562	259,903	128,181	131,722	272,450	134,711	137,739	285,003	141,262	143,741	295,917	146,954	148,963
14	241,403	118,725	122,678	248,910	122,509	126,401	259,557	127,996	131,561	272,101	134,523	137,578	284,652	141,072	143,580
15	235,974	116,060	119,914	241,030	118,521	122,509	248,537	122,304	126,233	259,181	127,789	131,392	271,721	134,311	137,410
16	230,909	113,642	117,267	235,563	115,829	119,734	240,622	118,291	122,331	248,130	122,073	126,057	258,770	127,554	131,216
17	225,438	110,986	114,452	230,464	113,388	117,076	235,121	115,575	119,546	240,184	118,039	122,145	247,692	121,819	125,873
18	220,753	108,590	112,163	224,964	110,710	114,254	229,993	113,112	116,881	234,653	115,301	119,352	239,720	117,765	121,955
19	216,862	106,399	110,463	220,250	108,292	111,958	224,465	110,413	114,052	229,495	112,816	116,679	234,160	115,005	119,155
20	213,561	104,382	109,179	216,328	106,079	110,249	219,721	107,974	111,747	223,940	110,096	113,844	228,974	112,499	116,475
21	210,591	102,453	108,138	213,000	104,042	108,958	215,774	105,742	110,032	219,172	107,638	111,534	223,396	109,762	113,634
22	207,675	100,645	107,030	210,011	102,103	107,908	212,427	103,695	108,732	215,208	105,397	109,811	218,613	107,296	111,317
23	204,656	99,037	105,619	207,085	100,292	106,793	209,428	101,754	107,674	211,852	103,348	108,504	214,641	105,053	109,588
24	201,352	97,636	103,716	204,063	98,688	105,375	206,500	99,947	106,553	208,852	101,411	107,441	211,285	103,009	108,276
25	197,726	96,311	101,415	200,762	97,293	103,469	203,481	98,350	105,131	205,926	99,612	106,314	208,287	101,080	107,207
26	193,926	94,981	98,945	197,140	95,974	101,166	200,183	96,960	103,223	202,910	98,022	104,888	205,364	99,288	106,076
27	189,858	93,404	96,454	193,343	94,648	98,695	196,563	95,645	100,918	199,613	96,637	102,976	202,348	97,702	104,646
28	185,197	91,330	93,867	189,279	93,073	96,206	192,768	94,321	98,447	195,995	95,323	100,672	199,052	96,319	102,733
29	179,802	88,597	91,205	184,621	91,003	93,618	188,706	92,747	95,959	192,201	93,998	98,203	195,434	95,005	100,429
30	173,702	85,285	88,417	179,233	88,273	90,960	184,052	90,678	93,374	188,140	92,424	95,716	191,640	93,679	97,961
31	167,735	82,016	85,719	173,142	84,968	88,174	178,670	87,953	90,717	183,489	90,357	93,132	187,580	92,105	95,475
32	161,396	78,595	82,801	167,184	81,705	85,479	172,588	84,654	87,934	178,114	87,635	90,479	182,933	90,038	92,895
33	153,287	74,196	79,091	160,855	78,292	82,563	166,639	81,398	85,241	172,040	84,342	87,698	177,563	87,320	90,243
34	142,939	68,579	74,360	152,765	73,906	78,859	160,321	77,993	82,328	166,100	81,094	85,006	171,499	84,035	87,464
35	131,182	62,205	68,977	142,443	68,306	74,137	152,248	73,618	78,630	159,793	77,697	82,096	165,568	80,793	84,775
36	118,650	55,379	63,271	130,718	61,953	68,765	141,952	68,035	73,917	151,737	73,334	78,403	159,272	77,404	81,868
37	107,076	49,094	57,982	118,220	55,149	63,071	130,255	61,702	68,553	141,463	67,766	73,697	151,228	73,051	78,177
38	98,007	44,304	53,703	106,674	48,884	57,790	117,787	54,918	62,869	129,790	61,450	68,340	140,971	67,497	73,474
39	92,476	41,618	50,858	97,622	44,107	53,515	106,265	48,671	57,594	117,346	54,685	62,661	129,317	61,196	68,121
40	89,614	40,510	49,104	92,091	41,424	50,667	97,226	43,906	53,320	105,844	48,455	57,389	116,893	54,448	62,445

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario (cont'd)

Single age	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
41	87,854	40,035	47,819	89,219	40,312	48,907	91,695	41,226	50,469	96,818	43,701	53,117	105,411	48,234	57,177
42	85,778	39,344	46,434	87,446	39,829	47,617	88,814	40,109	48,705	91,290	41,023	50,267	96,400	43,492	52,908
43	83,254	38,361	44,893	85,361	39,132	46,229	87,031	39,620	47,411	88,403	39,904	48,499	90,878	40,818	50,060
44	79,738	36,758	42,980	82,836	38,147	44,689	84,942	38,919	46,023	86,614	39,409	47,205	87,990	39,696	48,294
45	75,637	34,766	40,871	79,325	36,546	42,779	82,416	37,931	44,485	84,522	38,704	45,818	86,196	39,197	46,999
46	71,382	32,709	38,673	75,234	34,557	40,677	78,911	36,331	42,580	81,996	37,714	44,282	84,101	38,487	45,614
47	67,913	31,064	36,849	70,984	32,502	38,482	74,823	34,344	40,479	78,490	36,112	42,378	81,569	37,491	44,078
48	65,864	30,046	35,818	67,511	30,855	36,656	70,573	32,288	38,285	74,399	34,123	40,276	78,055	35,884	42,171
49	65,689	29,860	35,829	65,443	29,827	35,616	67,088	30,634	36,454	70,140	32,062	38,078	73,952	33,888	40,064
50	66,752	30,222	36,530	65,231	29,620	35,611	64,995	29,592	35,403	66,637	30,398	36,239	69,678	31,819	37,859
51	68,505	30,888	37,617	66,243	29,957	36,286	64,742	29,365	35,377	64,517	29,342	35,175	66,156	30,145	36,011
52	69,626	31,273	38,353	67,942	30,594	37,348	65,707	29,678	36,029	64,227	29,096	35,131	64,012	29,077	34,935
53	69,026	30,905	38,121	69,016	30,956	38,060	67,355	30,289	37,066	65,150	29,387	35,763	63,691	28,815	34,876
54	65,953	29,455	36,498	68,388	30,575	37,813	68,388	30,631	37,757	66,753	29,977	36,776	64,576	29,088	35,488
55	61,099	27,229	33,870	65,316	29,127	36,189	67,738	30,240	37,498	67,749	30,300	37,449	66,139	29,659	36,480
56	55,631	24,727	30,904	60,480	26,911	33,569	64,665	28,793	35,872	67,074	29,898	37,176	67,096	29,964	37,132
57	50,693	22,460	28,233	55,033	24,421	30,612	59,840	26,583	33,257	63,992	28,448	35,544	66,388	29,546	36,842
58	46,508	20,539	25,969	50,107	22,162	27,945	54,406	24,102	30,304	59,170	26,241	32,929	63,287	28,088	35,199
59	43,550	19,178	24,372	45,922	20,242	25,680	49,485	21,846	27,639	53,742	23,764	29,978	58,460	25,879	32,581
60	41,479	18,219	23,260	42,949	18,874	24,075	45,297	19,926	25,371	48,823	21,509	27,314	53,033	23,403	29,630
61	39,728	17,416	22,312	40,849	17,901	22,948	42,306	18,550	23,756	44,630	19,588	25,042	48,114	21,150	26,964
62	37,662	16,465	21,197	39,066	17,084	21,982	40,178	17,564	22,614	41,621	18,205	23,416	43,917	19,229	24,688
63	35,123	15,259	19,864	36,974	16,122	20,852	38,362	16,732	21,630	39,464	17,207	22,257	40,892	17,840	23,052
64	31,863	13,672	18,191	34,420	14,912	19,508	36,244	15,760	20,484	37,615	16,361	21,254	38,706	16,831	21,875
65	28,185	11,860	16,325	31,166	13,334	17,832	33,676	14,548	19,128	35,471	15,380	20,091	36,822	15,971	20,851
66	24,327	9,959	14,368	27,510	11,540	15,970	30,428	12,978	17,450	32,888	14,165	18,723	34,651	14,979	19,672
67	20,951	8,298	12,653	23,689	9,665	14,024	26,796	11,204	15,592	29,646	12,605	17,041	32,053	13,762	18,291
68	18,617	7,144	11,473	20,348	8,031	12,317	23,013	9,358	13,655	26,040	10,852	15,188	28,819	12,213	16,606
69	17,688	6,674	11,014	18,029	6,892	11,137	19,711	7,751	11,960	22,300	9,035	13,265	25,240	10,482	14,758
70	17,763	6,700	11,063	17,073	6,417	10,656	17,409	6,630	10,779	19,039	7,460	11,579	21,547	8,699	12,848
71	18,376	6,971	11,405	17,082	6,418	10,664	16,426	6,150	10,276	16,756	6,357	10,399	18,333	7,155	11,178
72	18,757	7,144	11,613	17,600	6,649	10,951	16,369	6,124	10,245	15,748	5,872	9,876	16,072	6,073	9,999
73	18,444	7,050	11,394	17,884	6,782	11,102	16,790	6,316	10,474	15,624	5,821	9,803	15,039	5,584	9,455
74	17,061	6,529	10,532	17,499	6,657	10,842	16,978	6,408	10,570	15,947	5,972	9,975	14,849	5,507	9,342
75	14,991	5,735	9,256	16,099	6,130	9,969	16,522	6,254	10,268	16,039	6,024	10,015	15,075	5,617	9,458
76	14,008	5,275	8,733	14,061	5,350	8,711	15,109	5,723	9,386	15,516	5,842	9,674	15,073	5,631	9,442
77	12,234	4,593	7,641	13,052	4,886	8,166	13,109	4,959	8,150	14,096	5,308	8,788	14,485	5,423	9,062
78	10,668	4,051	6,617	11,314	4,221	7,093	12,078	4,494	7,584	12,139	4,565	7,574	13,063	4,889	8,174
79	9,539	3,763	5,776	9,783	3,691	6,092	10,384	3,850	6,534	11,094	4,101	6,993	11,157	4,169	6,988
80+	76,880	30,444	46,436	73,817	29,012	44,805	71,499	27,766	43,733	70,134	26,883	43,251	69,676	26,388	43,288
Total	10,738,653	5,179,372	5,559,281	11,002,631	5,313,524	5,689,107	11,274,218	5,451,494	5,822,724	11,553,188	5,593,172	5,960,016	11,839,420	5,738,490	6,100,930

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario (cont'd)

Single age	2018			2019			2020			2021			2022		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	357,822	180,985	176,837	364,820	184,555	180,265	371,803	188,118	183,685	378,858	191,719	187,139	386,072	195,401	190,671
1	346,648	175,141	171,507	353,777	178,778	174,999	360,893	182,412	178,481	368,001	186,043	181,958	375,189	189,716	185,473
2	337,499	170,447	167,052	344,775	174,162	170,613	351,965	177,831	174,134	359,147	181,500	177,647	366,324	185,168	181,156
3	328,860	166,008	162,852	336,196	169,746	166,450	343,510	173,481	170,029	350,741	177,172	173,569	357,967	180,864	177,103
4	320,409	161,670	158,739	327,884	165,474	162,410	335,246	169,226	166,020	342,590	172,976	169,614	349,852	176,684	173,168
5	311,924	157,318	154,606	319,640	161,241	158,399	327,134	165,055	162,079	334,518	168,819	165,699	341,885	172,581	169,304
6	302,015	150,469	151,546	311,293	156,960	154,333	319,023	160,890	158,133	326,535	164,714	161,821	333,937	168,486	165,451
7	300,902	149,853	151,049	301,481	150,166	151,315	310,768	156,658	154,110	318,511	160,595	157,916	326,037	164,426	161,611
8	300,054	149,390	150,664	300,429	149,585	150,844	301,029	149,909	151,120	310,323	156,402	153,921	318,078	160,344	157,734
9	299,349	149,006	150,343	299,635	149,155	150,480	300,027	149,360	150,667	300,645	149,693	150,952	309,944	156,186	153,758
10	298,749	148,684	150,065	298,979	148,804	150,175	299,281	148,961	150,320	299,688	149,173	150,515	300,320	149,513	150,807
11	311,605	155,087	156,518	298,418	148,507	149,911	298,662	148,634	150,028	298,976	148,797	150,179	299,395	149,016	150,379
12	309,412	153,957	155,455	311,281	154,916	156,365	298,120	148,350	149,770	298,375	148,482	149,893	298,700	148,651	150,049
13	304,102	151,208	152,894	309,086	153,784	155,302	310,964	154,748	156,216	297,828	148,195	149,633	298,094	148,333	149,761
14	295,565	146,763	148,802	303,753	151,018	152,735	308,743	153,597	155,146	310,631	154,567	156,064	297,521	148,027	149,494
15	284,267	140,857	143,410	295,178	146,546	148,632	303,367	150,802	152,565	308,364	153,384	154,980	310,263	154,359	155,904
16	271,302	134,072	137,230	283,841	140,613	143,228	294,748	146,299	148,449	302,939	150,555	152,384	307,942	153,140	154,802
17	258,325	127,295	131,030	270,848	133,806	137,042	283,379	140,342	143,037	294,282	146,025	148,257	302,474	150,281	152,193
18	247,225	121,543	125,682	257,850	127,014	130,836	270,363	133,519	136,844	282,885	140,048	142,837	293,784	145,727	148,057
19	239,228	117,470	121,758	246,730	121,246	125,484	257,348	126,712	130,636	269,850	133,210	136,640	282,363	139,732	142,631
20	233,641	114,690	118,951	238,711	117,156	121,555	246,211	120,931	125,280	256,820	126,391	130,429	269,311	132,881	136,430
21	228,430	112,166	116,264	233,100	114,360	118,740	238,173	116,827	121,346	245,670	120,600	125,070	256,271	126,054	130,217
22	222,839	109,421	113,418	227,875	111,826	116,049	232,549	114,022	118,527	237,624	116,492	121,132	245,119	120,263	124,856
23	218,051	106,954	111,097	222,280	109,082	113,198	227,319	111,489	115,830	231,996	113,687	118,309	237,074	116,159	120,915
24	214,080	104,717	109,363	217,494	106,621	110,873	221,727	108,751	112,976	226,768	111,159	115,609	231,449	113,360	118,089
25	210,726	102,681	108,045	213,528	104,392	109,136	216,947	106,299	110,648	221,185	108,431	112,754	226,228	110,841	115,387
26	207,731	100,760	106,971	210,178	102,364	107,814	212,986	104,078	108,908	216,411	105,988	110,423	220,653	108,123	112,530
27	204,809	98,973	105,836	207,184	100,448	106,736	209,638	102,056	107,582	212,453	103,773	108,680	215,884	105,686	110,198
28	201,794	97,389	104,405	204,262	98,664	105,598	206,644	100,142	106,502	209,106	101,754	107,352	211,928	103,475	108,453
29	198,497	96,005	102,492	201,245	97,080	104,165	203,721	98,359	105,362	206,111	99,842	106,269	208,581	101,457	107,124
30	194,879	94,690	100,189	197,948	95,696	102,252	200,703	96,775	103,928	203,187	98,059	105,128	205,586	99,545	106,041
31	191,085	93,363	97,722	194,329	94,379	99,950	197,404	95,389	102,015	200,167	96,474	103,693	202,659	97,761	104,898
32	187,026	91,788	95,238	190,536	93,050	97,486	193,785	94,071	99,714	196,867	95,086	101,781	199,637	96,176	103,461
33	182,382	89,723	92,659	186,477	91,475	95,002	189,991	92,741	97,250	193,247	93,766	99,481	196,335	94,787	101,548
34	177,018	87,010	90,008	181,837	89,412	92,425	185,934	91,166	94,768	189,453	92,436	97,017	192,715	93,467	99,248
35	170,963	83,732	87,231	176,479	86,704	89,775	181,297	89,105	92,192	185,398	90,862	94,536	188,922	92,136	96,786
36	165,041	80,497	84,544	170,433	83,432	87,001	175,946	86,401	89,545	180,764	88,803	91,961	184,867	90,561	94,306
37	158,751	77,113	81,638	164,515	80,202	84,313	169,903	83,134	86,769	175,413	86,101	89,312	180,232	88,503	91,729
38	150,716	72,768	77,948	158,225	76,822	81,403	163,984	79,907	84,077	169,369	82,836	86,533	174,877	85,801	89,076
39	140,470	67,225	73,245	150,192	72,482	77,710	157,689	76,527	81,162	163,442	79,608	83,834	168,824	82,535	86,289
40	128,829	60,937	67,892	139,952	66,947	73,005	149,651	72,191	77,460	157,134	76,227	80,907	162,882	79,305	83,577

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario (cont'd)

Single age	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
41	116,425	54,206	62,219	128,325	60,673	67,652	139,415	66,664	72,751	149,090	71,893	77,197	156,560	75,921	80,639
42	104,966	48,009	56,957	115,944	53,959	61,985	127,805	60,403	67,402	138,863	66,375	72,488	148,513	71,589	76,924
43	95,974	43,279	52,695	104,512	47,780	56,732	115,452	53,708	61,744	127,275	60,129	67,146	138,300	66,081	72,219
44	90,462	40,611	49,851	95,544	43,065	52,479	104,053	47,548	56,505	114,955	53,454	61,501	126,738	59,851	66,887
45	87,575	39,487	48,088	90,044	40,402	49,642	95,112	42,848	52,264	103,592	47,315	56,277	114,456	53,198	61,258
46	85,776	38,982	46,794	87,157	39,276	47,881	89,624	40,191	49,433	94,677	42,629	52,048	103,127	47,079	56,048
47	83,673	38,266	45,407	85,348	38,763	46,585	86,731	39,060	47,671	89,194	39,974	49,220	94,233	42,405	51,828
48	81,125	37,260	43,865	83,226	38,035	45,191	84,902	38,534	46,368	86,287	38,833	47,454	88,747	39,748	48,999
49	77,594	35,643	41,951	80,655	37,015	43,640	82,753	37,789	44,964	84,428	38,290	46,138	85,815	38,593	47,222
50	73,473	33,637	39,836	77,100	35,384	41,716	80,150	36,750	43,400	82,244	37,524	44,720	83,918	38,026	45,892
51	69,183	31,560	37,623	72,959	33,367	39,592	76,569	35,105	41,464	79,607	36,466	43,141	81,696	37,239	44,457
52	65,646	29,878	35,768	68,658	31,284	37,374	72,413	33,081	39,332	76,005	34,809	41,196	79,030	36,164	42,866
53	63,486	28,802	34,684	65,114	29,599	35,515	68,109	30,997	37,112	71,844	32,783	39,061	75,416	34,500	40,916
54	63,139	28,527	34,612	62,944	28,519	34,425	64,566	29,313	35,253	67,545	30,703	36,842	71,257	32,476	38,781
55	63,991	28,785	35,206	62,575	28,235	34,340	62,390	28,231	34,159	64,006	29,022	34,984	66,968	30,403	36,565
56	65,511	29,335	36,176	63,393	28,476	34,917	61,998	27,936	34,062	61,823	27,937	33,886	63,434	28,726	34,708
57	66,420	29,617	36,803	64,861	29,001	35,860	62,772	28,157	34,615	61,401	27,628	33,773	61,236	27,635	33,601
58	65,667	29,178	36,489	65,709	29,254	36,455	64,177	28,651	35,526	62,120	27,822	34,298	60,772	27,306	33,466
59	62,538	27,706	34,832	64,901	28,788	36,113	64,954	28,869	36,085	63,449	28,279	35,170	61,426	27,467	33,959
60	57,699	25,492	32,207	61,736	27,298	34,438	64,080	28,370	35,710	64,143	28,456	35,687	62,669	27,882	34,787
61	52,273	23,018	29,255	56,883	25,079	31,804	60,874	26,862	34,012	63,198	27,923	35,275	63,272	28,014	35,258
62	47,355	20,768	26,587	51,460	22,608	28,852	56,009	24,638	31,371	59,951	26,396	33,555	62,252	27,446	34,806
63	43,157	18,849	24,308	46,546	20,363	26,183	50,591	22,173	28,418	55,075	24,170	30,905	58,964	25,902	33,062
64	40,116	17,455	22,661	42,348	18,447	23,901	45,683	19,934	25,749	49,665	21,712	27,953	54,079	23,674	30,405
65	37,900	16,434	21,466	39,290	17,049	22,241	41,486	18,023	23,463	44,765	19,482	25,283	48,678	21,226	27,452
66	35,981	15,560	20,421	37,044	16,017	21,027	38,413	16,621	21,792	40,570	17,576	22,994	43,788	19,005	24,783
67	33,781	14,558	19,223	35,087	15,128	19,959	36,133	15,577	20,556	37,479	16,170	21,309	39,595	17,105	22,490
68	31,167	13,338	17,829	32,856	14,115	18,741	34,137	14,673	19,464	35,166	15,114	20,052	36,486	15,695	20,791
69	27,942	11,802	16,140	30,228	12,894	17,334	31,876	13,651	18,225	33,130	14,196	18,934	34,139	14,628	19,511
70	24,396	10,096	14,300	27,015	11,372	15,643	29,235	12,430	16,805	30,840	13,165	17,675	32,064	13,697	18,367
71	20,754	8,348	12,406	23,505	9,694	13,811	26,038	10,924	15,114	28,187	11,946	16,241	29,746	12,658	17,088
72	17,590	6,839	10,751	19,920	7,983	11,937	22,568	9,275	13,293	25,009	10,457	14,552	27,084	11,441	15,643
73	15,354	5,778	9,576	16,811	6,511	10,300	19,044	7,604	11,440	21,584	8,839	12,745	23,929	9,971	13,958
74	14,300	5,285	9,015	14,606	5,472	9,134	15,997	6,170	9,827	18,130	7,210	10,920	20,556	8,386	12,170
75	14,044	5,183	8,861	13,531	4,978	8,553	13,827	5,157	8,670	15,151	5,818	9,333	17,177	6,803	10,374
76	14,174	5,254	8,920	13,212	4,851	8,361	12,737	4,662	8,075	13,021	4,833	8,188	14,274	5,456	8,818
77	14,079	5,230	8,849	13,248	4,884	8,364	12,356	4,512	7,844	11,918	4,340	7,578	12,190	4,502	7,688
78	13,431	4,999	8,432	13,063	4,825	8,238	12,299	4,509	7,790	11,478	4,169	7,309	11,077	4,012	7,065
79	12,014	4,469	7,545	12,360	4,573	7,787	12,029	4,418	7,611	11,333	4,131	7,202	10,583	3,823	6,760
80+	69,390	26,054	43,336	69,973	26,067	43,906	70,832	26,194	44,638	71,308	26,183	45,125	71,123	25,935	45,188
Total	12,132,541	5,887,402	6,245,139	12,432,365	6,039,753	6,392,612	12,738,764	6,195,477	6,543,287	13,051,778	6,354,595	6,697,183	13,371,542	6,517,179	6,854,363

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario (cont'd)

Single age	2023 Both sexes	2023 Male	2023 Female	2024 Both sexes	2024 Male	2024 Female	2025 Both sexes	2025 Male	2025 Female	2026 Both sexes	2026 Male	2026 Female	2027 Both sexes	2027 Male	2027 Female
0	393,218	199,025	194,193	400,297	202,623	197,674	407,360	206,214	201,146	414,311	209,748	204,563	421,046	213,173	207,873
1	382,512	193,445	189,067	389,733	197,120	192,613	396,892	200,772	196,120	404,040	204,420	199,620	411,082	208,015	203,067
2	373,570	188,865	184,705	380,931	192,620	188,311	388,192	196,323	191,869	395,395	200,005	195,390	402,590	203,684	198,906
3	365,181	184,547	180,634	372,451	188,261	184,190	379,838	192,033	187,805	387,127	195,755	191,372	394,359	199,456	194,903
4	357,104	180,386	176,718	364,335	184,080	180,255	371,623	187,806	183,817	379,029	191,592	187,437	386,338	195,327	191,011
5	349,168	176,296	172,872	356,432	180,007	176,425	363,676	183,710	179,966	370,979	187,446	183,533	378,399	191,242	187,157
6	341,320	172,255	169,065	348,612	175,976	172,636	355,887	179,694	176,193	363,143	183,405	179,738	370,457	187,149	183,308
7	333,452	168,203	165,249	340,842	171,976	168,866	348,142	175,703	172,439	355,426	179,427	175,999	362,692	183,145	179,547
8	325,613	164,178	161,435	333,034	167,959	165,075	340,430	171,737	168,693	347,738	175,469	172,269	355,029	179,198	175,831
9	317,706	160,131	157,575	325,246	163,967	161,279	332,672	167,751	164,921	340,073	171,533	168,540	347,387	175,269	172,118
10	309,622	156,005	153,617	317,387	159,951	157,436	324,930	163,790	161,140	332,360	167,577	164,783	339,766	171,361	168,405
11	300,038	149,361	150,677	309,341	155,851	153,490	317,108	159,800	157,308	324,654	163,640	161,014	332,087	167,429	164,658
12	299,130	148,874	150,256	299,780	149,224	150,556	309,083	155,713	153,370	316,852	159,662	157,190	324,400	163,505	160,895
13	298,430	148,506	149,924	298,867	148,734	150,133	299,524	149,087	150,437	308,827	155,575	153,252	316,598	159,526	157,072
14	297,797	148,170	149,627	298,140	148,348	149,792	298,585	148,579	150,006	299,250	148,937	150,313	308,553	155,423	153,130
15	297,179	147,833	149,346	297,463	147,981	149,482	297,815	148,163	149,652	298,268	148,399	149,869	298,942	148,762	150,180
16	309,851	154,119	155,732	296,794	147,609	149,185	297,088	147,761	149,327	297,448	147,949	149,499	297,911	148,190	149,721
17	307,481	152,867	154,614	309,398	153,850	155,548	296,370	147,358	149,012	296,674	147,516	149,158	297,045	147,709	149,336
18	301,974	149,981	151,993	306,985	152,569	154,416	308,910	153,557	155,353	295,914	147,082	148,832	296,229	147,246	148,983
19	293,255	145,406	147,849	301,442	149,657	151,785	306,457	152,246	154,211	308,391	153,239	155,152	295,429	146,785	148,644
20	281,812	139,395	142,417	292,695	145,062	147,633	300,880	149,310	151,570	305,899	151,901	153,998	307,842	152,900	154,942
21	268,749	132,535	136,214	281,237	139,039	142,198	292,111	144,700	147,411	300,294	148,946	151,348	305,316	151,540	153,776
22	255,710	125,710	130,000	268,173	132,180	135,993	280,648	138,675	141,973	291,513	144,330	147,183	299,693	148,574	151,119
23	244,565	119,927	124,638	255,144	125,365	129,779	267,594	131,826	135,768	280,055	138,312	141,743	290,911	143,961	146,950
24	236,528	115,832	120,696	244,015	119,597	124,418	254,583	125,028	129,555	267,018	131,479	135,539	279,467	137,957	141,510
25	230,911	113,043	117,868	235,991	115,515	120,476	243,473	119,277	124,196	254,031	124,702	129,329	266,453	131,144	135,309
26	225,697	110,533	115,164	230,381	112,736	117,645	235,462	115,208	120,254	242,940	118,967	123,973	253,488	124,385	129,103
27	220,128	107,822	112,306	225,173	110,232	114,941	229,858	112,436	117,422	234,940	114,908	120,032	242,415	118,665	123,750
28	215,364	105,389	109,975	219,609	107,525	112,084	224,654	109,936	114,718	229,342	112,141	117,201	234,425	114,614	119,811
29	211,409	103,179	108,230	214,848	105,095	109,753	219,095	107,232	111,863	224,141	109,643	114,498	228,830	111,849	116,981
30	208,062	101,162	106,900	210,894	102,886	108,008	214,336	104,803	109,533	218,586	106,941	111,645	223,632	109,352	114,280
31	205,064	99,250	105,814	207,545	100,869	106,676	210,382	102,594	107,788	213,828	104,512	109,316	218,080	106,651	111,429
32	202,135	97,466	104,669	204,546	98,956	105,590	207,033	100,577	106,456	209,874	102,304	107,570	213,324	104,223	109,101
33	199,112	95,879	103,233	201,615	97,172	104,443	204,031	98,665	105,366	206,523	100,287	106,236	209,370	102,016	107,354
34	195,808	94,490	101,318	198,589	95,586	103,003	201,098	96,881	104,217	203,520	98,376	105,144	206,018	100,000	106,018
35	192,188	93,169	99,019	195,286	94,196	101,090	198,071	95,295	102,776	200,586	96,592	103,994	203,014	98,089	104,925
36	188,395	91,838	96,557	191,664	92,874	98,790	194,766	93,904	100,862	197,557	95,006	102,551	200,077	96,307	103,770
37	184,337	90,262	94,075	187,867	91,540	96,327	191,139	92,580	98,559	194,245	93,613	100,632	197,041	94,718	102,323
38	179,694	88,200	91,494	183,798	89,959	93,839	187,331	91,240	96,091	190,607	92,283	98,324	193,717	93,320	100,397
39	174,326	85,495	88,831	179,140	87,893	91,247	183,245	89,653	93,592	186,780	90,936	95,844	190,060	91,982	98,078
40	168,258	82,226	86,032	173,754	85,182	88,572	178,565	87,578	90,987	182,670	89,339	93,331	186,207	90,624	95,583

Single age	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
41	162,300	78,992	83,308	167,668	81,909	85,759	173,158	84,861	88,297	177,966	87,254	90,712	182,071	89,016	93,055
42	155,967	75,607	80,360	161,697	78,672	83,025	167,058	81,584	85,474	172,541	84,531	88,010	177,345	86,922	90,423
43	147,922	71,279	76,643	155,358	75,285	80,073	161,078	78,344	82,734	166,433	81,251	85,182	171,909	84,193	87,716
44	137,728	65,782	71,946	147,322	70,962	76,360	154,740	74,958	79,782	160,451	78,010	82,441	165,797	80,911	84,886
45	126,198	59,570	66,628	137,151	65,479	71,672	146,717	70,641	76,076	154,117	74,625	79,492	159,817	77,671	82,146
46	113,952	52,937	61,015	125,652	59,284	66,368	136,568	65,170	71,398	146,105	70,314	75,791	153,487	74,286	79,201
47	102,651	46,835	55,816	113,435	52,668	60,767	125,091	58,987	66,104	135,970	64,850	71,120	145,476	69,976	75,500
48	93,768	42,168	51,600	102,153	46,578	55,575	112,893	52,384	60,509	124,503	58,675	65,828	135,342	64,513	70,829
49	88,270	39,505	48,765	93,272	41,915	51,357	101,621	46,303	55,318	112,314	52,079	60,235	123,875	58,340	65,535
50	85,305	38,331	46,974	87,754	39,241	48,513	92,735	41,639	51,096	101,045	46,003	55,042	111,687	51,747	59,940
51	83,367	37,741	45,626	84,754	38,048	46,706	87,197	38,955	48,242	92,156	41,340	50,816	100,423	45,678	54,745
52	81,113	36,934	44,179	82,782	37,437	45,345	84,168	37,745	46,423	86,604	38,650	47,954	91,538	41,021	50,517
53	78,426	35,847	42,579	80,502	36,615	43,887	82,168	37,118	45,050	83,555	37,428	46,127	85,982	38,329	47,653
54	74,808	34,182	40,626	77,803	35,521	42,282	79,873	36,286	43,587	81,536	36,789	44,747	82,922	37,100	45,822
55	70,657	32,163	38,494	74,187	33,857	40,330	77,167	35,187	41,980	79,230	35,950	43,280	80,890	36,452	44,438
56	66,377	30,096	36,281	70,042	31,843	38,199	73,551	33,524	40,027	76,516	34,846	41,670	78,572	35,606	42,966
57	62,840	28,418	34,422	65,764	29,779	35,985	69,405	31,511	37,894	72,892	33,179	39,713	75,840	34,492	41,348
58	60,617	27,316	33,301	62,214	28,095	34,119	65,119	29,444	35,675	68,733	31,161	37,572	72,197	32,816	39,381
59	60,102	26,961	33,141	59,958	26,975	32,983	61,546	27,749	33,797	64,430	29,086	35,344	68,017	30,787	37,230
60	60,679	27,085	33,594	59,381	26,591	32,790	59,248	26,609	32,639	60,828	27,376	33,452	63,689	28,700	34,989
61	61,827	27,453	34,374	59,875	26,674	33,201	58,604	26,192	32,412	58,484	26,214	32,270	60,055	26,975	33,080
62	62,336	27,541	34,795	60,924	26,994	33,930	59,012	26,233	32,779	57,771	25,763	32,008	57,663	25,791	31,872
63	61,239	26,937	34,302	61,334	27,036	34,298	59,958	26,504	33,454	58,088	25,762	32,326	56,878	25,306	31,572
64	57,910	25,376	32,534	60,157	26,396	33,761	60,264	26,498	33,766	58,925	25,983	32,942	57,100	25,261	31,839
65	53,016	23,149	29,867	56,785	24,819	31,966	59,003	25,822	33,181	59,123	25,928	33,195	57,823	25,430	32,393
66	47,626	20,711	26,915	51,884	22,593	29,291	55,587	24,228	31,359	57,774	25,214	32,560	57,906	25,323	32,583
67	42,745	18,500	24,245	46,506	20,166	26,340	50,678	22,004	28,674	54,311	23,602	30,709	56,463	24,568	31,895
68	38,556	16,607	21,949	41,637	17,967	23,670	45,314	19,590	25,724	49,394	21,381	28,013	52,952	22,940	30,012
69	35,431	15,195	20,236	37,454	16,083	21,371	40,460	17,404	23,056	44,048	18,982	25,066	48,031	20,724	27,307
70	33,051	14,118	18,933	34,314	14,670	19,644	36,287	15,532	20,755	39,214	16,814	22,400	42,708	18,344	24,364
71	30,937	13,174	17,763	31,902	13,584	18,318	33,135	14,120	19,015	35,055	14,955	20,100	37,898	16,194	21,704
72	28,592	12,128	16,464	29,749	12,626	17,123	30,692	13,025	17,667	31,893	13,543	18,350	33,755	14,350	19,405
73	25,924	10,914	15,010	27,380	11,573	15,807	28,502	12,054	16,448	29,420	12,439	16,981	30,586	12,940	17,646
74	22,797	9,464	13,333	24,710	10,364	14,346	26,111	10,995	15,116	27,196	11,457	15,739	28,087	11,828	16,259
75	19,483	7,916	11,567	21,619	8,938	12,681	23,446	9,792	13,654	24,789	10,394	14,395	25,834	10,835	14,999
76	16,189	6,383	9,806	18,373	7,431	10,942	20,398	8,395	12,003	22,135	9,201	12,934	23,417	9,771	13,646
77	13,368	5,085	8,283	15,171	5,952	9,219	17,227	6,933	10,294	19,138	7,836	11,302	20,780	8,593	12,187
78	11,336	4,165	7,171	12,440	4,707	7,733	14,126	5,513	8,613	16,051	6,425	9,626	17,843	7,265	10,578
79	10,220	3,682	6,538	10,466	3,824	6,642	11,494	4,324	7,170	13,061	5,068	7,993	14,851	5,910	8,941
80+	70,320	25,461	44,859	69,368	24,947	44,421	68,844	24,656	44,188	69,400	24,881	44,519	71,375	25,766	45,609
Total	13,697,803	6,682,963	7,014,840	14,030,371	6,851,920	7,178,451	14,369,180	7,024,008	7,345,172	14,714,043	7,199,133	7,514,910	15,064,600	7,377,135	7,687,465

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario (cont'd)

Single age	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
0	427,078	216,229	210,849	432,541	218,996	213,545	437,781	221,651	216,130	442,733	224,160	218,573	447,333	226,491	220,842
1	417,873	211,474	206,399	423,968	214,568	209,400	429,502	217,379	212,123	434,817	220,078	214,739	439,849	222,635	217,214
2	409,660	207,296	202,364	416,481	210,775	205,706	422,612	213,890	208,722	428,183	216,724	211,459	433,539	219,448	214,091
3	401,570	203,146	198,424	408,659	206,770	201,889	415,501	210,261	205,240	421,654	213,391	208,263	427,252	216,239	211,013
4	393,582	199,036	194,546	400,806	202,733	198,073	407,909	206,366	201,543	414,766	209,866	204,900	420,937	213,006	207,931
5	385,717	194,982	190,735	392,970	198,696	194,274	400,205	202,400	197,805	407,318	206,039	201,279	414,187	209,547	204,640
6	377,884	190,948	186,936	385,209	194,693	190,516	392,470	198,412	194,058	399,713	202,120	197,593	406,836	205,765	201,071
7	370,011	186,892	183,119	377,444	190,694	186,750	384,775	194,443	190,332	392,043	198,165	193,878	399,293	201,878	197,415
8	362,299	182,918	179,381	369,623	186,667	182,956	377,060	190,472	186,588	384,396	194,223	190,173	391,669	197,950	193,719
9	354,681	178,999	175,682	361,954	182,721	179,233	369,281	186,472	182,809	376,722	190,279	186,443	384,063	194,033	190,030
10	347,081	175,098	171,983	354,378	178,830	175,548	361,653	182,553	179,100	368,983	186,306	182,677	376,427	190,115	186,312
11	339,494	171,214	168,280	346,811	174,952	171,859	354,109	178,684	175,425	361,387	182,408	178,979	368,719	186,162	182,557
12	331,834	167,294	164,540	339,242	171,079	168,163	346,561	174,817	171,744	353,861	178,551	175,310	361,140	182,276	178,864
13	324,147	163,368	160,779	331,581	167,158	164,423	338,991	170,943	168,048	346,310	174,682	171,628	353,612	178,416	175,196
14	316,323	159,373	156,950	323,873	163,216	160,657	331,307	167,005	164,302	338,717	170,790	167,927	346,038	174,529	171,509
15	308,241	155,244	152,997	316,011	159,193	156,818	323,559	163,034	160,525	330,994	166,823	164,171	338,404	170,609	167,795
16	298,591	148,556	150,035	307,886	155,033	152,853	315,654	158,980	156,674	323,201	162,821	160,380	330,635	166,609	164,026
17	297,514	147,954	149,560	298,201	148,322	149,879	307,491	154,793	152,698	315,256	158,739	156,517	322,803	162,577	160,226
18	296,607	147,443	149,164	297,084	147,692	149,392	297,778	148,064	149,714	307,061	154,528	152,533	314,825	158,472	156,353
19	295,752	146,954	148,798	296,138	147,155	148,983	296,623	147,407	149,216	297,324	147,783	149,541	306,601	154,240	152,361
20	294,913	146,465	148,448	295,244	146,638	148,606	295,639	146,844	148,795	296,133	147,101	149,032	296,842	147,482	149,360
21	307,267	152,542	154,725	294,371	146,127	148,244	294,712	146,305	148,407	295,116	146,516	148,600	295,619	146,778	148,841
22	304,716	151,167	153,549	306,674	152,172	154,502	293,814	145,779	148,035	294,164	145,962	148,202	294,578	146,178	148,400
23	299,086	148,200	150,886	304,110	150,792	153,318	306,075	151,802	154,273	293,250	145,430	147,820	293,611	145,619	147,992
24	290,311	143,597	146,714	298,480	147,832	150,648	303,505	150,424	153,081	305,477	151,437	154,040	292,689	145,086	147,603
25	278,886	137,611	141,275	289,718	143,242	146,476	297,881	147,473	150,408	302,908	150,064	152,844	304,887	151,081	153,806
26	265,894	130,817	135,077	278,311	137,273	141,038	289,132	142,897	146,235	297,289	147,123	150,166	302,318	149,714	152,604
27	252,950	124,075	128,875	265,339	130,495	134,844	277,741	136,942	140,799	288,551	142,557	145,994	296,704	146,780	149,924
28	241,893	118,366	123,527	252,415	123,767	128,648	264,788	130,177	134,611	277,175	136,614	140,561	287,974	142,222	145,752
29	233,912	114,321	119,591	241,373	118,068	123,305	251,883	123,461	128,422	264,240	129,861	134,379	276,612	136,287	140,325
30	228,320	111,557	116,763	233,400	114,027	119,373	240,855	117,770	123,085	251,352	123,154	128,198	263,694	129,544	134,150
31	223,125	109,061	114,064	227,812	111,265	116,547	232,890	113,733	119,157	240,338	117,471	122,867	250,823	122,847	127,976
32	217,575	106,361	111,214	222,617	108,769	113,848	227,304	110,972	116,332	232,380	113,439	118,941	239,822	117,172	122,650
33	212,820	103,934	108,886	217,071	106,071	111,000	222,111	108,477	113,634	226,796	110,679	116,117	231,872	113,144	118,728
34	208,866	101,728	107,138	212,318	103,646	108,672	216,568	105,781	110,787	221,606	108,186	113,420	226,290	110,387	115,903
35	205,514	99,713	105,801	208,365	101,442	106,923	211,817	103,359	108,458	216,066	105,493	110,573	221,102	107,896	113,206
36	202,507	97,804	104,703	205,010	99,427	105,583	207,863	101,155	106,708	211,316	103,072	108,244	215,565	105,205	110,360
37	199,564	96,019	103,545	201,997	97,516	104,481	204,503	99,140	105,363	207,358	100,868	106,490	210,812	102,784	108,028
38	196,515	94,426	102,089	199,040	95,728	103,312	201,476	97,225	104,251	203,985	98,849	105,136	206,842	100,576	106,266
39	193,171	93,020	100,151	195,970	94,128	101,842	198,498	95,430	103,068	200,938	96,927	104,011	203,450	98,551	104,899
40	189,487	91,672	97,815	192,599	92,711	99,888	195,401	93,820	101,581	197,932	95,123	102,809	200,374	96,620	103,754

Table 31: Projection of the total population 2012-2032 by single age according to the high projections scenario (cont'd)

Single age	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
41	185,606	90,302	95,304	188,887	91,351	97,536	191,999	92,391	99,608	194,803	93,501	101,302	197,337	94,804	102,533
42	181,446	88,682	92,764	184,981	89,968	95,013	188,261	91,018	97,243	191,375	92,060	99,315	194,181	93,171	101,010
43	176,705	86,580	90,125	180,802	88,337	92,465	184,335	89,624	94,711	187,615	90,675	96,940	190,730	91,718	99,012
44	171,262	83,846	87,416	176,052	86,228	89,824	180,144	87,984	92,160	183,675	89,270	94,405	186,955	90,323	96,632
45	165,153	80,565	84,588	170,607	83,492	87,115	175,388	85,869	89,519	179,476	87,622	91,854	183,006	88,909	94,097
46	159,173	77,323	81,850	164,496	80,208	84,288	169,939	83,127	86,812	174,712	85,499	89,213	178,795	87,251	91,544
47	152,835	73,933	78,902	158,507	76,960	81,547	163,818	79,837	83,981	169,248	82,747	86,501	174,012	85,114	88,898
48	144,814	69,616	75,198	152,148	73,558	78,590	157,804	76,574	81,230	163,102	79,442	83,660	168,518	82,343	86,175
49	134,667	64,148	70,519	144,101	69,227	74,874	151,408	73,152	78,256	157,047	76,156	80,891	162,330	79,013	83,317
50	123,191	57,972	65,219	133,932	63,748	70,184	143,323	68,800	74,523	150,601	72,705	77,896	156,221	75,696	80,525
51	111,006	51,385	59,621	122,448	57,570	64,878	133,132	63,310	69,822	142,477	68,332	74,145	149,723	72,216	77,507
52	99,757	45,328	54,429	110,277	50,995	59,282	121,651	57,137	64,514	132,275	62,839	69,436	141,570	67,829	73,741
53	90,889	40,684	50,205	99,056	44,959	54,097	109,510	50,584	58,926	120,813	56,681	64,132	131,374	62,342	69,032
54	85,339	37,997	47,342	90,217	40,334	49,883	98,331	44,576	53,755	108,715	50,157	58,558	119,945	56,207	63,738
55	82,274	36,764	45,510	84,680	37,656	47,024	89,528	39,976	49,552	97,588	44,184	53,404	107,901	49,720	58,181
56	80,227	36,107	44,120	81,607	36,419	45,188	84,003	37,306	46,697	88,820	39,607	49,213	96,824	43,780	53,044
57	77,886	35,248	42,638	79,536	35,747	43,789	80,913	36,059	44,854	83,297	36,941	46,356	88,083	39,223	48,860
58	75,125	34,118	41,007	77,161	34,869	42,292	78,804	35,366	43,438	80,179	35,678	44,501	82,551	36,554	45,997
59	71,452	32,425	39,027	74,359	33,715	40,644	76,384	34,461	41,923	78,020	34,956	43,064	79,391	35,268	44,123
60	67,243	30,383	36,860	70,648	32,002	38,646	73,532	33,279	40,253	75,543	34,019	41,524	77,172	34,512	42,660
61	62,887	28,283	34,604	66,405	29,944	36,461	69,777	31,544	38,233	72,635	32,807	39,828	74,633	33,540	41,093
62	59,220	26,542	32,678	62,023	27,832	34,191	65,502	29,471	36,031	68,837	31,050	37,787	71,668	32,297	39,371
63	56,781	25,336	31,445	58,323	26,078	32,245	61,093	27,349	33,744	64,529	28,963	35,566	67,826	30,519	37,307
64	55,920	24,817	31,103	55,834	24,850	30,984	57,360	25,581	31,779	60,094	26,832	33,262	63,485	28,419	35,066
65	56,043	24,726	31,317	54,894	24,295	30,599	54,819	24,331	30,488	56,328	25,051	31,277	59,023	26,280	32,743
66	56,644	24,840	31,804	54,910	24,156	30,754	53,795	23,739	30,056	53,732	23,778	29,954	55,221	24,485	30,736
67	56,604	24,679	31,925	55,382	24,212	31,170	53,698	23,550	30,148	52,619	23,147	29,472	52,568	23,189	29,379
68	55,063	23,884	31,179	55,213	23,995	31,218	54,034	23,546	30,488	52,403	22,906	29,497	51,361	22,518	28,843
69	51,503	22,240	29,263	53,571	23,159	30,412	53,731	23,271	30,460	52,596	22,840	29,756	51,021	22,224	28,797
70	46,583	20,031	26,552	49,964	21,501	28,463	51,984	22,394	29,590	52,154	22,508	29,646	51,067	22,096	28,971
71	41,287	17,672	23,615	45,047	19,302	25,745	48,332	20,724	27,608	50,301	21,589	28,712	50,480	21,704	28,776
72	36,505	15,543	20,962	39,783	16,966	22,817	43,420	18,536	24,884	46,602	19,905	26,697	48,517	20,742	27,775
73	32,384	13,714	18,670	35,035	14,859	20,176	38,194	16,223	21,971	41,702	17,729	23,973	44,774	19,044	25,730
74	29,211	12,308	16,903	30,941	13,048	17,893	33,487	14,141	19,346	36,521	15,444	21,077	39,891	16,882	23,009
75	26,692	11,190	15,502	27,773	11,647	16,126	29,430	12,351	17,079	31,865	13,390	18,475	34,767	14,629	20,138
76	24,416	10,190	14,226	25,238	10,527	14,711	26,272	10,961	15,311	27,853	11,627	16,226	30,172	12,609	17,563
77	21,995	9,129	12,866	22,945	9,523	13,422	23,730	9,841	13,889	24,715	10,251	14,464	26,215	10,878	15,337
78	19,385	7,971	11,414	20,529	8,470	12,059	21,427	8,840	12,587	22,172	9,139	13,033	23,105	9,522	13,583
79	16,518	6,686	9,832	17,955	7,338	10,617	19,026	7,801	11,225	19,870	8,144	11,726	20,573	8,423	12,150
80+	74,756	27,298	47,458	79,232	29,321	49,911	84,440	31,651	52,789	89,947	34,070	55,877	95,510	36,459	59,051
Total	15,419,678	7,557,359	7,862,319	15,778,593	7,739,445	8,039,148	16,141,036	7,923,267	8,217,769	16,506,665	8,108,643	8,398,022	16,875,138	8,295,402	8,579,736

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario

Single age	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	320,087	161,839	158,248	325,392	164,516	160,876	330,348	167,017	163,331	335,078	169,402	165,676	339,694	171,731	167,963
1	308,183	153,759	154,424	315,378	159,214	156,164	320,869	161,989	158,880	326,024	164,595	161,429	330,964	167,092	163,872
2	305,631	152,425	153,206	306,005	152,618	153,387	313,274	158,094	155,180	318,855	160,912	157,943	324,108	163,563	160,545
3	303,902	151,511	152,391	304,106	151,610	152,496	304,561	151,841	152,720	311,878	157,330	154,548	317,521	160,176	157,345
4	302,602	150,815	151,787	302,745	150,884	151,861	303,009	151,011	151,998	303,523	151,270	152,253	310,877	156,769	154,108
5	301,564	150,252	151,312	301,673	150,304	151,369	301,864	150,396	151,468	302,176	150,546	151,630	302,737	150,828	151,909
6	314,190	156,517	157,673	300,788	149,819	150,969	300,936	149,890	151,046	301,167	150,000	151,167	301,517	150,169	151,348
7	311,698	155,206	156,492	313,486	156,121	157,365	300,148	149,456	150,692	300,330	149,543	150,787	300,593	149,669	150,924
8	306,148	152,311	153,837	311,083	154,860	156,223	312,897	155,787	157,110	299,613	149,150	150,463	299,823	149,251	150,572
9	297,449	147,770	149,679	305,615	152,014	153,601	310,566	154,570	155,996	312,403	155,508	156,895	299,164	148,894	150,270
10	286,084	141,831	144,253	296,996	147,522	149,474	305,170	151,769	153,401	310,136	154,332	155,804	311,991	155,278	156,713
11	273,137	135,070	138,067	285,696	141,624	144,072	296,611	147,315	149,296	304,793	151,565	153,228	309,771	154,133	155,638
12	260,238	128,356	131,882	272,790	134,888	137,902	285,348	141,441	143,907	296,266	147,132	149,134	304,456	151,384	153,072
13	249,255	122,692	126,563	259,906	128,181	131,725	272,456	134,711	137,745	285,014	141,262	143,752	295,935	146,954	148,981
14	241,404	118,725	122,679	248,913	122,509	126,404	259,563	127,996	131,567	272,111	134,523	137,588	284,669	141,072	143,597
15	235,975	116,060	119,915	241,032	118,521	122,511	248,543	122,304	126,239	259,191	127,789	131,402	271,737	134,311	137,426
16	230,910	113,642	117,268	235,566	115,829	119,737	240,628	118,291	122,337	248,140	122,073	126,067	258,785	127,554	131,231
17	225,439	110,986	114,453	230,467	113,388	117,079	235,127	115,575	119,552	240,194	118,039	122,155	247,707	121,819	125,888
18	220,754	108,590	112,164	224,967	110,710	114,257	229,998	113,112	116,886	234,663	115,301	119,362	239,734	117,765	121,969
19	216,863	106,399	110,464	220,253	108,292	111,961	224,471	110,413	114,058	229,505	112,816	116,689	234,175	115,005	119,170
20	213,562	104,382	109,180	216,331	106,079	110,252	219,727	107,974	111,753	223,950	110,096	113,854	228,988	112,499	116,489
21	210,592	102,453	108,139	213,003	104,042	108,961	215,780	105,742	110,038	219,182	107,638	111,544	223,411	109,762	113,649
22	207,676	100,645	107,031	210,014	102,103	107,911	212,433	103,695	108,738	215,218	105,397	109,821	218,628	107,296	111,332
23	204,657	99,037	105,620	207,088	100,292	106,796	209,434	101,754	107,680	211,863	103,348	108,515	214,656	105,053	109,603
24	201,353	97,636	103,717	204,067	98,688	105,379	206,506	99,947	106,559	208,862	101,411	107,451	211,300	103,009	108,291
25	197,727	96,311	101,416	200,765	97,293	103,472	203,487	98,350	105,137	205,937	99,612	106,325	208,303	101,080	107,223
26	193,927	94,981	98,946	197,143	95,974	101,169	200,189	96,960	103,229	202,921	98,022	104,899	205,380	99,288	106,092
27	189,860	93,404	96,456	193,346	94,648	98,698	196,570	95,645	100,925	199,624	96,637	102,987	202,365	97,702	104,663
28	185,198	91,330	93,868	189,282	93,073	96,209	192,775	94,321	98,454	196,006	95,323	100,683	199,068	96,319	102,749
29	179,803	88,597	91,206	184,624	91,003	93,621	188,712	92,747	95,965	192,212	93,998	98,214	195,451	95,005	100,446
30	173,703	85,285	88,418	179,236	88,273	90,963	184,059	90,678	93,381	188,151	92,424	95,727	191,657	93,679	97,978
31	167,736	82,016	85,720	173,145	84,968	88,177	178,677	87,953	90,724	183,501	90,357	93,144	187,597	92,105	95,492
32	161,397	78,595	82,802	167,188	81,705	85,483	172,595	84,654	87,941	178,125	87,635	90,490	182,950	90,038	92,912
33	153,288	74,196	79,092	160,859	78,292	82,567	166,646	81,398	85,248	172,051	84,342	87,709	177,580	87,320	90,260
34	142,940	68,579	74,361	152,768	73,906	78,862	160,327	77,993	82,334	166,111	81,094	85,017	171,516	84,035	87,481
35	131,183	62,205	68,978	142,446	68,306	74,140	152,255	73,618	78,637	159,804	77,697	82,107	165,585	80,793	84,792
36	118,651	55,379	63,272	130,721	61,953	68,768	141,958	68,035	73,923	151,748	73,334	78,414	159,288	77,404	81,884
37	107,077	49,094	57,983	118,223	55,149	63,074	130,261	61,702	68,559	141,474	67,766	73,708	151,245	73,051	78,194
38	98,008	44,304	53,704	106,676	48,884	57,792	117,792	54,918	62,874	129,800	61,450	68,350	140,987	67,497	73,490
39	92,477	41,618	50,859	97,624	44,107	53,517	106,270	48,671	57,599	117,355	54,685	62,670	129,332	61,196	68,136
40	89,615	40,510	49,105	92,094	41,424	50,670	97,231	43,906	53,325	105,853	48,455	57,398	116,907	54,448	62,459

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario (cont'd)

Single age	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
41	87,855	40,035	47,820	89,221	40,312	48,909	91,700	41,226	50,474	96,826	43,701	53,125	105,424	48,234	57,190
42	85,779	39,344	46,435	87,448	39,829	47,619	88,819	40,109	48,710	91,298	41,023	50,275	96,412	43,492	52,920
43	83,255	38,361	44,894	85,364	39,132	46,232	87,036	39,620	47,416	88,411	39,904	48,507	90,890	40,818	50,072
44	79,738	36,758	42,980	82,838	38,147	44,691	84,946	38,919	46,027	86,621	39,409	47,212	88,001	39,696	48,305
45	75,638	34,766	40,872	79,327	36,546	42,781	82,421	37,931	44,490	84,530	38,704	45,826	86,207	39,197	47,010
46	71,383	32,709	38,674	75,235	34,557	40,678	78,915	36,331	42,584	82,003	37,714	44,289	84,112	38,487	45,625
47	67,913	31,064	36,849	70,986	32,502	38,484	74,827	34,344	40,483	78,497	36,112	42,385	81,579	37,491	44,088
48	65,865	30,046	35,819	67,513	30,855	36,658	70,577	32,288	38,289	74,406	34,123	40,283	78,065	35,884	42,181
49	65,690	29,860	35,830	65,445	29,827	35,618	67,092	30,634	36,458	70,146	32,062	38,084	73,962	33,888	40,074
50	66,752	30,222	36,530	65,233	29,620	35,613	64,999	29,592	35,407	66,643	30,398	36,245	69,687	31,819	37,868
51	68,506	30,888	37,618	66,245	29,957	36,288	64,746	29,365	35,381	64,523	29,342	35,181	66,165	30,145	36,020
52	69,627	31,273	38,354	67,944	30,594	37,350	65,711	29,678	36,033	64,234	29,096	35,138	64,022	29,077	34,945
53	69,027	30,905	38,122	69,018	30,956	38,062	67,360	30,289	37,071	65,156	29,387	35,769	63,701	28,815	34,886
54	65,954	29,455	36,499	68,390	30,575	37,815	68,393	30,631	37,762	66,760	29,977	36,783	64,587	29,088	35,499
55	61,100	27,229	33,871	65,318	29,127	36,191	67,743	30,240	37,503	67,756	30,300	37,456	66,150	29,659	36,491
56	55,632	24,727	30,905	60,482	26,911	33,571	64,669	28,793	35,876	67,082	29,898	37,184	67,108	29,964	37,144
57	50,694	22,460	28,234	55,035	24,421	30,614	59,845	26,583	33,262	64,000	28,448	35,552	66,400	29,546	36,854
58	46,508	20,539	25,969	50,109	22,162	27,947	54,410	24,102	30,308	59,178	26,241	32,937	63,300	28,088	35,212
59	43,551	19,178	24,373	45,924	20,242	25,682	49,490	21,846	27,644	53,750	23,764	29,986	58,472	25,879	32,593
60	41,480	18,219	23,261	42,951	18,874	24,077	45,302	19,926	25,376	48,830	21,509	27,321	53,045	23,403	29,642
61	39,728	17,416	22,312	40,851	17,901	22,950	42,311	18,550	23,761	44,637	19,588	25,049	48,125	21,150	26,975
62	37,663	16,465	21,198	39,068	17,084	21,984	40,182	17,564	22,618	41,628	18,205	23,423	43,929	19,229	24,700
63	35,123	15,259	19,864	36,976	16,122	20,854	38,366	16,732	21,634	39,472	17,207	22,265	40,903	17,840	23,063
64	31,864	13,672	18,192	34,423	14,912	19,511	36,249	15,760	20,489	37,622	16,361	21,261	38,718	16,831	21,887
65	28,186	11,860	16,326	31,168	13,334	17,834	33,681	14,548	19,133	35,479	15,380	20,099	36,834	15,971	20,863
66	24,328	9,959	14,369	27,512	11,540	15,972	30,432	12,978	17,454	32,896	14,165	18,731	34,663	14,979	19,684
67	20,952	8,298	12,654	23,691	9,665	14,026	26,800	11,204	15,596	29,654	12,605	17,049	32,065	13,762	18,303
68	18,618	7,144	11,474	20,350	8,031	12,319	23,017	9,358	13,659	26,047	10,852	15,195	28,830	12,213	16,617
69	17,688	6,674	11,014	18,031	6,892	11,139	19,715	7,751	11,964	22,307	9,035	13,272	25,251	10,482	14,769
70	17,764	6,700	11,064	17,075	6,417	10,658	17,412	6,630	10,782	19,046	7,460	11,586	21,558	8,699	12,859
71	18,376	6,971	11,405	17,084	6,418	10,666	16,430	6,150	10,280	16,762	6,357	10,405	18,342	7,155	11,187
72	18,758	7,144	11,614	17,602	6,649	10,953	16,373	6,124	10,249	15,754	5,872	9,882	16,081	6,073	10,008
73	18,445	7,050	11,395	17,887	6,782	11,105	16,794	6,316	10,478	15,631	5,821	9,810	15,049	5,584	9,465
74	17,062	6,529	10,533	17,501	6,657	10,844	16,982	6,408	10,574	15,955	5,972	9,983	14,859	5,507	9,352
75	14,991	5,735	9,256	16,101	6,130	9,971	16,526	6,254	10,272	16,047	6,024	10,023	15,086	5,617	9,469
76	14,009	5,275	8,734	14,063	5,350	8,713	15,114	5,723	9,391	15,524	5,842	9,682	15,084	5,631	9,453
77	12,235	4,593	7,642	13,054	4,886	8,168	13,113	4,959	8,154	14,104	5,308	8,796	14,497	5,423	9,074
78	10,668	4,051	6,617	11,316	4,221	7,095	12,083	4,494	7,589	12,146	4,565	7,581	13,074	4,889	8,185
79	9,540	3,763	5,777	9,785	3,691	6,094	10,388	3,850	6,538	11,100	4,101	6,999	11,167	4,169	6,998
80+	76,884	30,444	46,440	73,831	29,012	44,819	71,525	27,766	43,759	70,177	26,883	43,294	69,739	26,388	43,351
Total	10,736,772	5,178,353	5,558,419	10,996,895	5,310,426	5,686,469	11,262,565	5,445,205	5,817,360	11,533,446	5,582,524	5,950,922	11,809,295	5,722,258	6,087,037

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario (cont'd)

Single age	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
0	344,124	173,977	170,147	348,415	176,155	172,260	352,583	178,270	174,313	356,709	180,368	176,341	360,858	182,484	178,374
1	335,782	169,537	166,245	340,375	171,855	168,520	344,836	174,109	170,727	349,166	176,304	172,862	353,422	178,484	174,938
2	329,141	166,109	163,032	334,042	168,589	165,453	338,722	170,945	167,777	343,266	173,239	170,027	347,661	175,475	172,186
3	322,833	162,858	159,975	327,919	165,426	162,493	332,877	167,930	164,947	337,611	170,312	167,299	342,197	172,632	169,565
4	316,561	159,636	156,925	321,911	162,334	159,577	327,038	164,919	162,119	332,034	167,441	164,593	336,798	169,842	166,956
5	310,117	156,334	153,783	315,829	159,213	156,616	321,209	161,923	159,286	326,365	164,522	161,843	331,384	167,059	164,325
6	302,115	150,469	151,646	309,512	155,979	153,533	315,248	158,867	156,381	320,652	161,588	159,064	325,826	164,198	161,628
7	300,975	149,853	151,122	301,600	150,166	151,434	309,013	155,678	153,335	314,768	158,575	156,193	320,186	161,305	158,881
8	300,113	149,390	150,723	300,519	149,585	150,934	301,168	149,909	151,259	308,593	155,424	153,169	314,359	158,327	156,032
9	299,398	149,006	150,392	299,708	149,155	150,553	300,134	149,360	150,774	300,801	149,693	151,108	308,233	155,209	153,024
10	298,790	148,684	150,106	299,040	148,804	150,236	299,368	148,961	150,407	299,810	149,173	150,637	300,490	149,513	150,977
11	311,642	155,087	156,555	298,470	148,507	149,963	298,735	148,634	150,101	299,077	148,797	150,280	299,530	149,016	150,514
12	309,444	153,957	155,487	311,328	154,916	156,412	298,183	148,350	149,833	298,461	148,482	149,979	298,813	148,651	150,162
13	304,131	151,208	152,923	309,128	153,784	155,344	311,023	154,748	156,275	297,904	148,195	149,709	298,192	148,333	149,859
14	295,591	146,763	148,828	303,791	151,018	152,773	308,796	153,597	155,199	310,703	154,567	156,136	297,608	148,027	149,581
15	284,291	140,857	143,434	295,213	146,546	148,667	303,417	150,802	152,615	308,430	153,384	155,046	310,347	154,359	155,988
16	271,325	134,072	137,253	283,875	140,613	143,262	294,796	146,299	148,497	303,003	150,555	152,448	308,022	153,140	154,882
17	258,347	127,295	131,052	270,880	133,806	137,074	283,424	140,342	143,082	294,343	146,025	148,318	302,551	150,281	152,270
18	247,247	121,543	125,704	257,882	127,014	130,868	270,407	133,519	136,888	282,944	140,048	142,896	293,859	145,727	148,132
19	239,250	117,470	121,780	246,761	121,246	125,515	257,390	126,712	130,678	269,907	133,210	136,697	282,436	139,732	142,704
20	233,662	114,690	118,972	238,741	117,156	121,585	246,252	120,931	125,321	256,875	126,391	130,484	269,382	132,881	136,501
21	228,452	112,166	116,286	233,131	114,360	118,771	238,214	116,827	121,387	245,725	120,600	125,125	256,341	126,054	130,287
22	222,861	109,421	113,440	227,906	111,826	116,080	232,590	114,022	118,568	237,678	116,492	121,186	245,188	120,263	124,925
23	218,073	106,954	111,119	222,311	109,082	113,229	227,361	111,489	115,872	232,050	113,687	118,363	237,142	116,159	120,983
24	214,102	104,717	109,385	217,525	106,621	110,904	221,770	108,751	113,019	226,823	111,159	115,664	231,518	113,360	118,158
25	210,749	102,681	108,068	213,559	104,392	109,167	216,990	106,299	110,691	221,240	108,431	112,809	226,297	110,841	115,456
26	207,755	100,760	106,995	210,210	102,364	107,846	213,029	104,078	108,951	216,467	105,988	110,479	220,722	108,123	112,599
27	204,833	98,973	105,860	207,217	100,448	106,769	209,682	102,056	107,626	212,509	103,773	108,736	215,954	105,686	110,268
28	201,818	97,389	104,429	204,295	98,664	105,631	206,689	100,142	106,547	209,163	101,754	107,409	211,999	103,475	108,524
29	198,521	96,005	102,516	201,279	97,080	104,199	203,766	98,359	105,407	206,170	99,842	106,328	208,653	101,457	107,196
30	194,903	94,690	100,213	197,982	95,696	102,286	200,749	96,775	103,974	203,246	98,059	105,187	205,659	99,545	106,114
31	191,110	93,363	97,747	194,364	94,379	99,985	197,451	95,389	102,062	200,228	96,474	103,754	202,733	97,761	104,972
32	187,051	91,788	95,263	190,571	93,050	97,521	193,832	94,071	99,761	196,928	95,086	101,842	199,713	96,176	103,537
33	182,407	89,723	92,684	186,512	91,475	95,037	190,039	92,741	97,298	193,309	93,766	99,543	196,412	94,787	101,625
34	177,043	87,010	90,033	181,872	89,412	92,460	185,982	91,166	94,816	189,515	92,436	97,079	192,792	93,467	99,325
35	170,988	83,732	87,256	176,515	86,704	89,811	181,345	89,105	92,240	185,460	90,862	94,598	188,999	92,136	96,863
36	165,066	80,497	84,569	170,468	83,432	87,036	175,993	86,401	89,592	180,826	88,803	92,023	184,945	90,561	94,384
37	158,775	77,113	81,662	164,550	80,202	84,348	169,951	83,134	86,817	175,476	86,101	89,375	180,309	88,503	91,806
38	150,740	72,768	77,972	158,260	76,822	81,438	164,032	79,907	84,125	169,431	82,836	86,595	174,954	85,801	89,153
39	140,493	67,225	73,268	150,225	72,482	77,743	157,736	76,527	81,209	163,504	79,608	83,896	168,901	82,535	86,366
40	128,851	60,937	67,914	139,984	66,947	73,037	149,696	72,191	77,505	157,195	76,227	80,968	162,959	79,305	83,654

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario (cont'd)

Single age	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
41	116,446	54,206	62,240	128,355	60,673	67,682	139,459	66,664	72,795	149,149	71,893	77,256	156,636	75,921	80,715
42	104,985	48,009	56,976	115,972	53,959	62,013	127,846	60,403	67,443	138,920	66,375	72,545	148,588	71,589	76,999
43	95,992	43,279	52,713	104,538	47,780	56,758	115,490	53,708	61,782	127,327	60,129	67,198	138,370	66,081	72,289
44	90,479	40,611	49,868	95,569	43,065	52,504	104,088	47,548	56,540	115,004	53,454	61,550	126,805	59,851	66,954
45	87,591	39,487	48,104	90,068	40,402	49,666	95,145	42,848	52,297	103,637	47,315	56,322	114,518	53,198	61,320
46	85,792	38,982	46,810	87,180	39,276	47,904	89,655	40,191	49,464	94,719	42,629	52,090	103,184	47,079	56,105
47	83,688	38,266	45,422	85,370	38,763	46,607	86,761	39,060	47,701	89,235	39,974	49,261	94,286	42,405	51,881
48	81,141	37,260	43,881	83,248	38,035	45,213	84,931	38,534	46,397	86,326	38,833	47,493	88,798	39,748	49,050
49	77,609	35,643	41,966	80,677	37,015	43,662	82,782	37,789	44,993	84,467	38,290	46,177	85,864	38,593	47,271
50	73,487	33,637	39,850	77,120	35,384	41,736	80,179	36,750	43,429	82,282	37,524	44,758	83,967	38,026	45,941
51	69,196	31,560	37,636	72,979	33,367	39,612	76,596	35,105	41,491	79,644	36,466	43,178	81,745	37,239	44,506
52	65,660	29,878	35,782	68,677	31,284	37,393	72,440	33,081	39,359	76,042	34,809	41,233	79,079	36,164	42,915
53	63,499	28,802	34,697	65,133	29,599	35,534	68,136	30,997	37,139	71,880	32,783	39,097	75,464	34,500	40,964
54	63,153	28,527	34,626	62,963	28,519	34,444	64,592	29,313	35,279	67,580	30,703	36,877	71,304	32,476	38,828
55	64,006	28,785	35,221	62,595	28,235	34,360	62,416	28,231	34,185	64,041	29,022	35,019	67,014	30,403	36,611
56	65,528	29,335	36,193	63,414	28,476	34,938	62,026	27,936	34,090	61,859	27,937	33,922	63,480	28,726	34,754
57	66,437	29,617	36,820	64,884	29,001	35,883	62,802	28,157	34,645	61,438	27,628	33,810	61,283	27,635	33,648
58	65,686	29,178	36,508	65,735	29,254	36,481	64,210	28,651	35,559	62,160	27,822	34,338	60,822	27,306	33,516
59	62,557	27,706	34,851	64,928	28,788	36,140	64,989	28,869	36,120	63,493	28,279	35,214	61,479	27,467	34,012
60	57,718	25,492	32,226	61,763	27,298	34,465	64,117	28,370	35,747	64,190	28,456	35,734	62,727	27,882	34,845
61	52,291	23,018	29,273	56,910	25,079	31,831	60,912	26,862	34,050	63,248	27,923	35,325	63,335	28,014	35,321
62	47,373	20,768	26,605	51,486	22,608	28,878	56,046	24,638	31,408	60,002	26,396	33,606	62,319	27,446	34,873
63	43,174	18,849	24,325	46,571	20,363	26,208	50,627	22,173	28,454	55,125	24,170	30,955	59,033	25,902	33,131
64	40,133	17,455	22,678	42,372	18,447	23,925	45,718	19,934	25,784	49,713	21,712	28,001	54,147	23,674	30,473
65	37,918	16,434	21,484	39,315	17,049	22,266	41,520	18,023	23,497	44,812	19,482	25,330	48,744	21,226	27,518
66	35,999	15,560	20,439	37,069	16,017	21,052	38,446	16,621	21,825	40,616	17,576	23,040	43,851	19,005	24,846
67	33,798	14,558	19,240	35,112	15,128	19,984	36,167	15,577	20,590	37,524	16,170	21,354	39,657	17,105	22,552
68	31,185	13,338	17,847	32,882	14,115	18,767	34,171	14,673	19,498	35,212	15,114	20,098	36,548	15,695	20,853
69	27,959	11,802	16,157	30,253	12,894	17,359	31,911	13,651	18,260	33,176	14,196	18,980	34,202	14,628	19,574
70	24,412	10,096	14,316	27,040	11,372	15,668	29,270	12,430	16,840	30,887	13,165	17,722	32,127	13,697	18,430
71	20,769	8,348	12,421	23,528	9,694	13,834	26,071	10,924	15,147	28,234	11,946	16,288	29,810	12,658	17,152
72	17,604	6,839	10,765	19,941	7,983	11,958	22,599	9,275	13,324	25,054	10,457	14,597	27,147	11,441	15,706
73	15,368	5,778	9,590	16,831	6,511	10,320	19,074	7,604	11,470	21,627	8,839	12,788	23,990	9,971	14,019
74	14,313	5,285	9,028	14,625	5,472	9,153	16,024	6,170	9,854	18,168	7,210	10,958	20,613	8,386	12,227
75	14,059	5,183	8,876	13,550	4,978	8,572	13,852	5,157	8,695	15,186	5,818	9,368	17,230	6,803	10,427
76	14,190	5,254	8,936	13,232	4,851	8,381	12,762	4,662	8,100	13,054	4,833	8,221	14,322	5,456	8,866
77	14,096	5,230	8,866	13,269	4,884	8,385	12,381	4,512	7,869	11,950	4,340	7,610	12,235	4,502	7,733
78	13,448	4,999	8,449	13,085	4,825	8,260	12,326	4,509	7,817	11,511	4,169	7,342	11,121	4,012	7,109
79	12,029	4,469	7,560	12,382	4,573	7,809	12,058	4,418	7,640	11,368	4,131	7,237	10,628	3,823	6,805
80+	69,482	26,054	43,428	70,102	26,067	44,035	71,006	26,194	44,812	71,543	26,183	45,360	71,458	25,935	45,523
Total	12,089,720	5,864,284	6,225,436	12,374,398	6,008,388	6,366,010	12,663,117	6,154,447	6,508,670	12,955,768	6,302,428	6,653,340	13,252,274	6,452,338	6,799,936

Single age	2023			2024			2025			2026			2027		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	364,790	184,486	180,304	368,549	186,401	182,148	372,161	188,242	183,919	375,527	189,958	185,569	378,549	191,501	187,048
1	357,661	180,657	177,004	361,689	182,720	178,969	365,547	184,698	180,849	369,263	186,605	182,658	372,736	188,389	184,347
2	351,963	177,683	174,280	356,249	179,887	176,362	360,327	181,982	178,345	364,236	183,992	180,244	368,005	185,932	182,073
3	346,621	174,887	171,734	350,954	177,115	173,839	355,272	179,339	175,933	359,383	181,455	177,928	363,327	183,487	179,840
4	341,405	172,176	169,229	345,851	174,444	171,407	350,207	176,687	173,520	354,549	178,927	175,622	358,685	181,058	177,627
5	336,164	169,470	166,694	340,787	171,814	168,973	345,252	174,094	171,158	349,625	176,348	173,277	353,987	178,600	175,387
6	330,857	166,742	164,115	335,650	169,162	166,488	340,287	171,515	168,772	344,766	173,804	170,962	349,155	176,069	173,086
7	325,370	163,922	161,448	330,411	166,473	163,938	335,215	168,900	166,315	339,865	171,260	168,605	344,357	173,558	170,799
8	319,784	161,063	158,721	324,977	163,685	161,292	330,027	166,241	163,786	334,841	168,674	166,167	339,501	171,042	168,459
9	314,005	158,116	155,889	319,437	160,856	158,581	324,637	163,482	161,155	329,695	166,044	163,651	334,517	168,482	166,035
10	307,924	155,029	152,895	313,700	157,939	155,761	319,138	160,682	158,456	324,344	163,312	161,032	329,409	165,878	163,531
11	300,219	149,361	150,858	307,654	154,877	152,777	313,435	157,789	155,646	318,877	160,535	158,342	324,089	163,168	160,921
12	299,274	148,874	150,400	299,970	149,224	150,746	307,407	154,739	152,668	313,192	157,654	155,538	318,638	160,402	158,236
13	298,551	148,506	150,045	299,020	148,734	150,286	299,723	149,087	150,636	307,162	154,602	152,560	312,951	157,519	155,432
14	297,904	148,170	149,734	298,272	148,348	149,924	298,748	148,579	150,169	299,459	148,937	150,522	306,900	154,451	152,449
15	297,276	147,833	149,443	297,581	147,981	149,600	297,957	148,163	149,794	298,442	148,399	150,043	299,161	148,762	150,399
16	309,947	154,119	155,828	296,902	147,609	149,293	297,217	147,761	149,456	297,602	147,949	149,653	298,096	148,190	149,906
17	307,574	152,867	154,707	309,507	153,850	155,657	296,491	147,358	149,133	296,815	147,516	149,299	297,211	147,709	149,502
18	302,065	149,981	152,084	307,091	152,569	154,522	309,032	153,557	155,475	296,048	147,082	148,966	296,383	147,246	149,137
19	293,343	145,406	147,937	301,547	149,657	151,890	306,577	152,246	154,331	308,527	153,239	155,288	295,576	146,785	148,791
20	281,899	139,395	142,504	292,798	145,062	147,736	300,999	149,310	151,689	306,033	151,901	154,132	307,994	152,900	155,094
21	268,834	132,535	136,299	281,338	139,039	142,299	292,228	144,700	147,528	300,428	148,946	151,482	305,467	151,540	153,927
22	255,793	125,710	130,083	268,272	132,180	136,092	280,763	138,675	142,088	291,645	144,330	147,315	299,843	148,574	151,269
23	244,647	119,927	124,720	255,242	125,365	129,877	267,707	131,826	135,881	280,186	138,312	141,874	291,060	143,961	147,099
24	236,610	115,832	120,778	244,111	119,597	124,514	254,695	125,028	129,667	267,147	131,479	135,668	279,614	137,957	141,657
25	230,993	113,043	117,950	236,087	115,515	120,572	243,584	119,277	124,307	254,158	124,702	129,456	266,597	131,144	135,453
26	225,780	110,533	115,247	230,477	112,736	117,741	235,572	115,208	120,364	243,065	118,967	124,098	253,630	124,385	129,245
27	220,211	107,822	112,389	225,270	110,232	115,038	229,969	112,436	117,533	235,065	114,908	120,157	242,555	118,665	123,890
28	215,447	105,389	110,058	219,706	107,525	112,181	224,766	109,936	114,830	229,467	112,141	117,326	234,565	114,614	119,951
29	211,493	103,179	108,314	214,945	105,095	109,850	219,207	107,232	111,975	224,267	109,643	114,624	228,971	111,849	117,122
30	208,147	101,162	106,985	210,992	102,886	108,106	214,448	104,803	109,645	218,712	106,941	111,771	223,773	109,352	114,421
31	205,151	99,250	105,901	207,645	100,869	106,776	210,495	102,594	107,901	213,954	104,512	109,442	218,221	106,651	111,570
32	202,224	97,466	104,758	204,647	98,956	105,691	207,147	100,577	106,570	210,002	102,304	107,698	213,465	104,223	109,242
33	199,202	95,879	103,323	201,718	97,172	104,546	204,147	98,665	105,482	206,652	100,287	106,365	209,512	102,016	107,496
34	195,899	94,490	101,409	198,694	95,586	103,108	201,216	96,881	104,335	203,651	98,376	105,275	206,162	100,000	106,162
35	192,280	93,169	99,111	195,391	94,196	101,195	198,191	95,295	102,896	200,718	96,592	104,126	203,159	98,089	105,070
36	188,486	91,838	96,648	191,770	92,874	98,896	194,886	93,904	100,982	197,691	95,006	102,685	200,224	96,307	103,917
37	184,428	90,262	94,166	187,972	91,540	96,432	191,260	92,580	98,680	194,380	93,613	100,767	197,190	94,718	102,472
38	179,785	88,200	91,585	183,904	89,959	93,945	187,451	91,240	96,211	190,742	92,283	98,459	193,867	93,320	100,547
39	174,418	85,495	88,923	179,246	87,893	91,353	183,366	89,653	93,713	186,915	90,936	95,979	190,211	91,982	98,229
40	168,350	82,226	86,124	173,861	85,182	88,679	178,687	87,578	91,109	182,807	89,339	93,468	186,359	90,624	95,735

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario (cont'd)

Single age	2023 Both sexes	2023 Male	2023 Female	2024 Both sexes	2024 Male	2024 Female	2025 Both sexes	2025 Male	2025 Female	2026 Both sexes	2026 Male	2026 Female	2027 Both sexes	2027 Male	2027 Female
41	162,391	78,992	83,399	167,776	81,909	85,867	173,281	84,861	88,420	178,104	87,254	90,850	182,224	89,016	93,208
42	156,058	75,607	80,451	161,804	78,672	83,132	167,182	81,584	85,598	172,680	84,531	88,149	177,500	86,922	90,578
43	148,011	71,279	76,732	155,465	75,285	80,180	161,202	78,344	82,858	166,572	81,251	85,321	172,065	84,193	87,872
44	137,813	65,782	72,031	147,426	70,962	76,464	154,863	74,958	79,905	160,590	78,010	82,580	165,954	80,911	85,043
45	126,278	59,570	66,708	137,251	65,479	71,772	146,836	70,641	76,195	154,255	74,625	79,630	159,973	77,671	82,302
46	114,026	52,937	61,089	125,745	59,284	66,461	136,682	65,170	71,512	146,239	70,314	75,925	153,640	74,286	79,354
47	102,719	46,835	55,884	113,521	52,668	60,853	125,197	58,987	66,210	136,097	64,850	71,247	145,626	69,976	75,650
48	93,832	42,168	51,664	102,233	46,578	55,655	112,992	52,384	60,608	124,624	58,675	65,949	135,485	64,513	70,972
49	88,331	39,505	48,826	93,347	41,915	51,432	101,714	46,303	55,411	112,427	52,079	60,348	124,010	58,340	65,670
50	85,366	38,331	47,035	87,827	39,241	48,586	92,823	41,639	51,184	101,151	46,003	55,148	111,814	51,747	60,067
51	83,429	37,741	45,688	84,827	38,048	46,779	87,282	38,955	48,327	92,256	41,340	50,916	100,542	45,678	54,864
52	81,174	36,934	44,240	82,855	37,437	45,418	84,254	37,745	46,509	86,702	38,650	48,052	91,652	41,021	50,631
53	78,487	35,847	42,640	80,576	36,615	43,961	82,255	37,118	45,137	83,653	37,428	46,225	86,094	38,329	47,765
54	74,868	34,182	40,686	77,877	35,521	42,356	79,959	36,286	43,673	81,636	36,789	44,847	83,034	37,100	45,934
55	70,716	32,163	38,553	74,260	33,857	40,403	77,254	35,187	42,067	79,330	35,950	43,380	81,004	36,452	44,552
56	66,436	30,096	36,340	70,114	31,843	38,271	73,637	33,524	40,113	76,616	34,846	41,770	78,686	35,606	43,080
57	62,898	28,418	34,480	65,835	29,779	36,056	69,490	31,511	37,979	72,992	33,179	39,813	75,955	34,492	41,463
58	60,677	27,316	33,361	62,285	28,095	34,190	65,203	29,444	35,759	68,833	31,161	37,672	72,312	32,816	39,496
59	60,165	26,961	33,204	60,031	26,975	33,056	61,631	27,749	33,882	64,529	29,086	35,443	68,131	30,787	37,344
60	60,748	27,085	33,663	59,458	26,591	32,867	59,336	26,609	32,727	60,928	27,376	33,552	63,803	28,700	35,103
61	61,902	27,453	34,449	59,960	26,674	33,286	58,698	26,192	32,506	58,587	26,214	32,373	60,170	26,975	33,195
62	62,417	27,541	34,876	61,017	26,994	34,023	59,114	26,233	32,881	57,881	25,763	32,118	57,783	25,791	31,992
63	61,325	26,937	34,388	61,435	27,036	34,399	60,070	26,504	33,566	58,208	25,762	32,446	57,005	25,306	31,699
64	57,998	25,376	32,622	60,264	26,396	33,868	60,386	26,498	33,888	59,057	25,983	33,074	57,239	25,261	31,978
65	53,104	23,149	29,955	56,895	24,819	32,076	59,133	25,822	33,311	59,266	25,928	33,338	57,976	25,430	32,546
66	47,711	20,711	27,000	51,993	22,593	29,400	55,719	24,228	31,491	57,926	25,214	32,712	58,072	25,323	32,749
67	42,828	18,500	24,328	46,611	20,166	26,445	50,809	22,004	28,805	54,466	23,602	30,864	56,640	24,568	32,072
68	38,637	16,607	22,030	41,739	17,967	23,772	45,441	19,590	25,851	49,548	21,381	28,167	53,132	22,940	30,192
69	35,512	15,195	20,317	37,555	16,083	21,472	40,584	17,404	23,180	44,198	18,982	25,216	48,209	20,724	27,485
70	33,133	14,118	19,015	34,415	14,670	19,745	36,408	15,532	20,876	39,360	16,814	22,546	42,881	18,344	24,537
71	31,020	13,174	17,846	32,004	13,584	18,420	33,256	14,120	19,136	35,197	14,955	20,242	38,066	16,194	21,872
72	28,675	12,128	16,547	29,853	12,626	17,227	30,814	13,025	17,789	32,034	13,543	18,491	33,919	14,350	19,569
73	26,006	10,914	15,092	27,483	11,573	15,910	28,626	12,054	16,572	29,562	12,439	17,123	30,748	12,940	17,808
74	22,876	9,464	13,412	24,812	10,364	14,448	26,235	10,995	15,240	27,340	11,457	15,883	28,249	11,828	16,421
75	19,558	7,916	11,642	21,717	8,938	12,779	23,567	9,792	13,775	24,933	10,394	14,539	25,998	10,835	15,163
76	16,258	6,383	9,875	18,464	7,431	11,033	20,514	8,395	12,119	22,274	9,201	13,073	23,579	9,771	13,808
77	13,430	5,085	8,345	15,254	5,952	9,302	17,335	6,933	10,402	19,270	7,836	11,434	20,938	8,593	12,345
78	11,394	4,165	7,229	12,515	4,707	7,808	14,224	5,513	8,711	16,174	6,425	9,749	17,991	7,265	10,726
79	10,277	3,682	6,595	10,537	3,824	6,713	11,581	4,324	7,257	13,171	5,068	8,103	14,987	5,910	9,077
80+	70,776	25,461	45,315	69,936	24,947	44,989	69,522	24,656	44,866	70,190	24,881	45,309	72,285	25,766	46,519
Total	13,552,034	6,603,858	6,948,176	13,854,856	6,756,902	7,097,954	14,160,550	6,911,352	7,249,198	14,468,759	7,067,049	7,401,710	14,779,043	7,223,769	7,555,274

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario (cont'd)

Single age	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
0	380,690	192,584	188,106	382,141	193,318	188,823	383,244	193,876	189,368	383,961	194,238	189,723	384,244	194,381	189,863
1	375,854	189,986	185,868	378,099	191,128	186,971	379,659	191,923	187,736	380,875	192,545	188,330	381,708	192,973	188,735
2	371,526	187,744	183,782	374,694	189,369	185,325	376,991	190,541	186,450	378,607	191,368	187,239	379,880	192,022	187,858
3	367,127	185,445	181,682	370,680	187,275	183,405	373,881	188,919	184,962	376,215	190,111	186,104	377,869	190,959	186,910
4	362,651	183,103	179,548	366,474	185,074	181,400	370,051	186,917	183,134	373,277	188,576	184,701	375,638	189,783	185,855
5	358,140	180,741	177,399	362,124	182,796	179,328	365,965	184,777	181,188	369,561	186,631	182,930	372,807	188,300	184,507
6	353,530	178,328	175,202	357,697	180,477	177,220	361,695	182,540	179,155	365,552	184,529	181,023	369,164	186,392	182,772
7	348,757	175,828	172,929	353,143	178,094	175,049	357,322	180,249	177,073	361,333	182,319	179,014	365,202	184,316	180,886
8	344,002	173,344	170,658	348,412	175,620	172,792	352,808	177,890	174,918	356,997	180,052	176,945	361,019	182,128	178,891
9	339,185	170,853	168,332	343,693	173,160	170,533	348,111	175,439	172,672	352,515	177,715	174,800	356,713	179,881	176,832
10	334,237	168,319	165,918	338,910	170,693	168,217	343,426	173,003	170,423	347,850	175,287	172,563	352,262	177,565	174,697
11	329,158	165,736	163,422	333,991	168,179	165,812	338,670	170,556	168,114	343,191	172,869	170,322	347,621	175,156	172,465
12	323,854	163,037	160,817	328,927	165,607	163,320	333,765	168,053	165,712	338,449	170,432	168,017	342,975	172,747	170,228
13	318,401	160,269	158,132	323,620	162,906	160,714	328,697	165,477	163,220	333,540	167,925	165,615	338,228	170,306	167,922
14	312,691	157,369	155,322	318,144	160,120	158,024	323,367	162,759	160,608	328,449	165,332	163,117	333,296	167,782	165,514
15	306,602	154,274	152,328	312,396	157,193	155,203	317,853	159,945	157,908	323,079	162,584	160,495	328,165	165,159	163,006
16	298,823	148,557	150,266	306,263	154,065	152,198	312,060	156,985	155,075	317,520	159,738	157,782	322,750	162,379	160,371
17	297,713	147,954	149,759	298,449	148,324	150,125	305,888	153,829	152,059	311,687	156,750	154,937	317,151	159,504	157,647
18	296,787	147,444	149,343	297,299	147,694	149,605	298,044	148,069	149,975	305,482	153,570	151,912	311,284	156,490	154,794
19	295,921	146,954	148,967	296,336	147,157	149,179	296,857	147,413	149,444	297,611	147,792	149,819	305,048	153,288	151,760
20	295,076	146,466	148,610	295,432	146,641	148,791	295,857	146,850	149,007	296,390	147,110	149,280	297,154	147,495	149,659
21	307,436	152,543	154,893	294,554	146,131	148,423	294,921	146,311	148,610	295,358	146,526	148,832	295,902	146,793	149,109
22	304,885	151,168	153,717	306,864	152,176	154,688	294,019	145,786	148,233	294,398	145,973	148,425	294,847	146,194	148,653
23	299,254	148,201	151,053	304,300	150,796	153,504	306,288	151,809	154,479	293,481	145,441	148,040	293,872	145,635	148,237
24	290,479	143,598	146,881	298,670	147,835	150,835	303,720	150,431	153,289	305,719	151,449	154,270	292,948	145,103	147,845
25	279,051	137,612	141,439	289,907	143,246	146,661	298,096	147,480	150,616	303,150	150,077	153,073	305,159	151,099	154,060
26	266,057	130,818	135,239	278,498	137,277	141,221	289,346	142,904	146,442	297,533	147,135	150,398	302,591	149,733	152,858
27	253,110	124,076	129,034	265,523	130,499	135,024	277,953	136,948	141,005	288,793	142,569	146,224	296,978	146,798	150,180
28	242,051	118,367	123,684	252,596	123,770	128,826	264,996	130,184	134,812	277,414	136,625	140,789	288,247	142,239	146,008
29	234,069	114,322	119,747	241,551	118,071	123,480	252,086	123,467	128,619	264,475	129,872	134,603	276,882	136,304	140,578
30	228,478	111,558	116,920	233,577	114,030	119,547	241,056	117,776	123,280	251,582	123,165	128,417	263,958	129,560	134,398
31	223,282	109,062	114,220	227,989	111,267	116,722	233,089	113,739	119,350	240,564	117,481	123,083	251,081	122,863	128,218
32	217,733	106,362	111,371	222,795	108,772	114,023	227,503	110,977	116,526	232,604	113,448	119,156	240,076	117,187	122,889
33	212,978	103,935	109,043	217,248	106,074	111,174	222,310	108,483	113,827	227,020	110,688	116,332	232,123	113,159	118,964
34	209,026	101,729	107,297	212,495	103,649	108,846	216,766	105,787	110,979	221,829	108,195	113,634	226,541	110,401	116,140
35	205,675	99,714	105,961	208,543	101,444	107,099	212,016	103,364	108,652	216,289	105,502	110,787	221,353	107,910	113,443
36	202,670	97,805	104,865	205,191	99,430	105,761	208,063	101,161	106,902	211,539	103,081	108,458	215,815	105,219	110,596
37	199,728	96,020	103,708	202,179	97,519	104,660	204,705	99,145	105,560	207,582	100,877	106,705	211,062	102,798	108,264
38	196,682	94,427	102,255	199,225	95,731	103,494	201,681	97,231	104,450	204,212	98,858	105,354	207,094	100,591	106,503
39	193,339	93,021	100,318	196,158	94,130	102,028	198,706	95,435	103,271	201,168	96,937	104,231	203,705	98,565	105,140
40	189,657	91,673	97,984	192,789	92,714	100,075	195,612	93,825	101,787	198,166	95,132	103,034	200,634	96,635	103,999

Table 32: Projection of the total population 2012-2032 by single age according to the medium projections scenario (cont'd)

Single age	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
41	185,778	90,303	95,475	189,079	91,353	97,726	192,214	92,397	99,817	195,042	93,511	101,531	197,602	94,819	102,783
42	181,620	88,683	92,937	185,175	89,971	95,204	188,478	91,024	97,454	191,618	92,070	99,548	194,451	93,186	101,265
43	176,880	86,581	90,299	180,998	88,340	92,658	184,555	89,630	94,925	187,861	90,685	97,176	191,004	91,733	99,271
44	171,438	83,847	87,591	176,248	86,231	90,017	180,365	87,990	92,375	183,923	89,281	94,642	187,232	90,338	96,894
45	165,328	80,566	84,762	170,804	83,494	87,310	175,609	85,875	89,734	179,725	87,633	92,092	183,284	88,924	94,360
46	159,347	77,324	82,023	164,693	80,211	84,482	170,160	83,133	87,027	174,961	85,509	89,452	179,074	87,266	91,808
47	153,007	73,934	79,073	158,702	76,963	81,739	164,038	79,843	84,195	169,496	82,757	86,739	174,291	85,129	89,162
48	144,981	69,617	75,364	152,341	73,561	78,780	158,023	76,580	81,443	163,349	79,452	83,897	168,797	82,358	86,439
49	134,828	64,149	70,679	144,289	69,230	75,059	151,625	73,157	78,468	157,293	76,166	81,127	162,607	79,028	83,579
50	123,343	57,973	65,370	134,113	63,751	70,362	143,536	68,805	74,731	150,846	72,715	78,131	156,498	75,711	80,787
51	111,149	51,386	59,763	122,620	57,572	65,048	133,338	63,315	70,023	142,717	68,341	74,376	149,999	72,231	77,768
52	99,893	45,328	54,565	110,440	50,997	59,443	121,847	57,142	64,705	132,509	62,848	69,661	141,843	67,843	74,000
53	91,019	40,684	50,335	99,211	44,961	54,250	109,696	50,588	59,108	121,036	56,689	64,347	131,638	62,356	69,282
54	85,467	37,997	47,470	90,365	40,336	50,029	98,507	44,580	53,927	108,927	50,165	58,762	120,199	56,220	63,979
55	82,402	36,765	45,637	84,826	37,658	47,168	89,697	39,979	49,718	97,788	44,191	53,597	108,142	49,732	58,410
56	80,356	36,108	44,248	81,754	36,421	45,333	84,169	37,310	46,859	89,013	39,614	49,399	97,052	43,791	53,261
57	78,017	35,249	42,768	79,684	35,749	43,935	81,081	36,063	45,018	83,487	36,947	46,540	88,302	39,233	49,069
58	75,257	34,118	41,139	77,312	34,871	42,441	78,975	35,370	43,605	80,371	35,685	44,686	82,768	36,564	46,204
59	71,585	32,426	39,159	74,512	33,717	40,795	76,557	34,465	42,092	78,216	34,963	43,253	79,611	35,279	44,332
60	67,375	30,383	36,992	70,801	32,005	38,796	73,707	33,284	40,423	75,743	34,026	41,717	77,397	34,522	42,875
61	63,020	28,283	34,737	66,559	29,946	36,613	69,955	31,549	38,406	72,839	32,814	40,025	74,864	33,551	41,313
62	59,354	26,543	32,811	62,177	27,834	34,343	65,680	29,475	36,205	69,043	31,057	37,986	71,903	32,308	39,595
63	56,920	25,337	31,583	58,479	26,080	32,399	61,272	27,353	33,919	64,736	28,970	35,766	68,064	30,530	37,534
64	56,068	24,818	31,250	55,996	24,852	31,144	57,541	25,585	31,956	60,302	26,839	33,463	63,725	28,430	35,295
65	56,204	24,727	31,477	55,066	24,297	30,769	55,007	24,335	30,672	56,538	25,058	31,480	59,264	26,290	32,974
66	56,822	24,841	31,981	55,098	24,159	30,939	53,995	23,744	30,251	53,950	23,785	30,165	55,465	24,496	30,969
67	56,797	24,680	32,117	55,588	24,215	31,373	53,916	23,555	30,361	52,851	23,155	29,696	52,820	23,200	29,620
68	55,268	23,884	31,384	55,437	23,998	31,439	54,273	23,551	30,722	52,655	22,914	29,741	51,629	22,529	29,100
69	51,712	22,241	29,471	53,808	23,161	30,647	53,990	23,277	30,713	52,872	22,848	30,024	51,312	22,236	29,076
70	46,789	20,032	26,757	50,206	21,504	28,702	52,259	22,400	29,859	52,454	22,517	29,937	51,385	22,108	29,277
71	41,486	17,673	23,813	45,285	19,305	25,980	48,611	20,729	27,882	50,617	21,599	29,018	50,825	21,718	29,107
72	36,698	15,544	21,154	40,013	16,968	23,045	43,695	18,541	25,154	46,923	19,914	27,009	48,881	20,756	28,125
73	32,571	13,715	18,856	35,257	14,861	20,396	38,458	16,228	22,230	42,016	17,738	24,278	45,141	19,058	26,083
74	29,397	12,309	17,088	31,156	13,050	18,106	33,741	14,146	19,595	36,823	15,452	21,371	40,249	16,896	23,353
75	26,877	11,191	15,686	27,983	11,649	16,334	29,674	12,356	17,318	32,153	13,398	18,755	35,108	14,641	20,467
76	24,601	10,190	14,411	25,448	10,529	14,919	26,511	10,965	15,546	28,128	11,634	16,494	30,496	12,620	17,876
77	22,178	9,129	13,049	23,153	9,525	13,628	23,965	9,845	14,120	24,982	10,257	14,725	26,523	10,888	15,635
78	19,560	7,971	11,589	20,733	8,472	12,261	21,660	8,843	12,817	22,435	9,145	13,290	23,402	9,532	13,870
79	16,682	6,686	9,996	18,150	7,339	10,811	19,252	7,805	11,447	20,127	8,150	11,977	20,863	8,432	12,431
80+	75,812	27,301	48,511	80,461	29,329	51,132	85,872	31,667	54,205	91,610	34,099	57,511	97,430	36,504	60,926
Total	15,090,251	7,380,862	7,709,389	15,401,596	7,537,916	7,863,680	15,712,647	7,694,732	8,017,915	16,022,992	7,851,095	8,171,897	16,332,186	8,006,778	8,325,408

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario

Single age	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	313,894	158,712	155,182	312,682	158,099	154,583	310,816	157,155	153,661	308,404	155,935	152,469	305,508	154,470	151,038
1	308,213	153,779	154,434	309,337	156,179	153,158	308,427	155,732	152,695	306,869	154,958	151,911	304,768	153,909	150,859
2	305,645	152,434	153,211	306,064	152,656	153,408	307,317	155,107	152,210	306,550	154,732	151,818	305,137	154,031	151,106
3	303,912	151,517	152,395	304,140	151,630	152,510	304,649	151,896	152,753	305,987	154,381	151,606	305,315	154,054	151,261
4	302,609	150,819	151,790	302,769	150,898	151,871	303,064	151,045	152,019	303,640	151,343	152,297	305,040	153,854	151,186
5	301,570	150,256	151,314	301,692	150,316	151,376	301,905	150,421	151,484	302,253	150,593	151,660	302,881	150,918	151,963
6	314,194	156,520	157,674	300,803	149,828	150,975	300,969	149,910	151,059	301,226	150,037	151,189	301,618	150,230	151,388
7	311,703	155,209	156,494	313,499	156,129	157,370	300,175	149,472	150,703	300,378	149,572	150,806	300,672	149,718	150,954
8	306,152	152,313	153,839	311,094	154,867	156,227	312,920	155,802	157,118	299,653	149,175	150,478	299,888	149,290	150,598
9	297,452	147,772	149,680	305,624	152,020	153,604	310,586	154,582	156,004	312,438	155,530	156,908	299,219	148,927	150,292
10	286,086	141,833	144,253	297,003	147,527	149,476	305,187	151,780	153,407	310,166	154,350	155,816	312,040	155,308	156,732
11	273,139	135,071	138,068	285,702	141,628	144,074	296,625	147,324	149,301	304,818	151,581	153,237	309,812	154,158	155,654
12	260,240	128,357	131,883	272,796	134,891	137,905	285,360	141,448	143,912	296,288	147,145	149,143	304,491	151,405	153,086
13	249,257	122,693	126,564	259,911	128,184	131,727	272,467	134,717	137,750	285,033	141,273	143,760	295,966	146,972	148,994
14	241,406	118,726	122,680	248,918	122,511	126,407	259,572	128,002	131,570	272,129	134,533	137,596	284,696	141,088	143,608
15	235,976	116,060	119,916	241,037	118,524	122,513	248,553	122,309	126,244	259,208	127,798	131,410	271,763	134,327	137,436
16	230,912	113,643	117,269	235,570	115,832	119,738	240,637	118,297	122,340	248,156	122,082	126,074	258,810	127,569	131,241
17	225,441	110,987	114,454	230,472	113,390	117,082	235,136	115,581	119,555	240,210	118,048	122,162	247,731	121,833	125,898
18	220,755	108,591	112,164	224,972	110,713	114,259	230,008	113,118	116,890	234,679	115,310	119,369	239,758	117,779	121,979
19	216,865	106,400	110,465	220,257	108,295	111,962	224,480	110,419	114,061	229,521	112,825	116,696	234,199	115,020	119,179
20	213,564	104,383	109,181	216,336	106,082	110,254	219,737	107,980	111,757	223,967	110,106	113,861	229,014	112,514	116,500
21	210,594	102,455	108,139	213,008	104,046	108,962	215,790	105,748	110,042	219,200	107,649	111,551	223,437	109,779	113,658
22	207,678	100,646	107,032	210,019	102,107	107,912	212,444	103,702	108,742	215,236	105,408	109,828	218,655	107,313	111,342
23	204,659	99,039	105,620	207,093	100,296	106,797	209,446	101,761	107,685	211,881	103,360	108,521	214,684	105,071	109,613
24	201,355	97,637	103,718	204,072	98,692	105,380	206,518	99,954	106,564	208,882	101,423	107,459	211,329	103,027	108,302
25	197,729	96,312	101,417	200,771	97,296	103,475	203,499	98,357	105,142	205,956	99,624	106,332	208,332	101,098	107,234
26	193,929	94,982	98,947	197,149	95,977	101,172	200,201	96,968	103,233	202,940	98,034	104,906	205,409	99,306	106,103
27	189,861	93,405	96,456	193,352	94,651	98,701	196,581	95,652	100,929	199,643	96,648	102,995	202,394	97,720	104,674
28	185,200	91,331	93,869	189,287	93,077	96,210	192,786	94,328	98,458	196,025	95,335	100,690	199,097	96,337	102,760
29	179,805	88,598	91,207	184,630	91,006	93,624	188,723	92,754	95,969	192,231	94,010	98,221	195,480	95,023	100,457
30	173,705	85,286	88,419	179,242	88,277	90,965	184,070	90,685	93,385	188,170	92,436	95,734	191,686	93,697	97,989
31	167,738	82,017	85,721	173,151	84,971	88,180	178,688	87,959	90,729	183,519	90,368	93,151	187,626	92,122	95,504
32	161,398	78,596	82,802	167,193	81,709	85,484	172,606	84,660	87,946	178,143	87,646	90,497	182,979	90,055	92,924
33	153,290	74,197	79,093	160,864	78,295	82,569	166,656	81,404	85,252	172,070	84,353	87,717	177,609	87,338	90,271
34	142,942	68,580	74,362	152,773	73,909	78,864	160,338	77,999	82,339	166,129	81,105	85,024	171,544	84,052	87,492
35	131,184	62,206	68,978	142,451	68,308	74,143	152,265	73,624	78,641	159,822	77,707	82,115	165,613	80,810	84,803
36	118,653	55,379	63,274	130,725	61,956	68,769	141,968	68,041	73,927	151,765	73,344	78,421	159,316	77,420	81,896
37	107,078	49,095	57,983	118,227	55,151	63,076	130,271	61,707	68,564	141,490	67,776	73,714	151,272	73,067	78,205
38	98,009	44,305	53,704	106,680	48,886	57,794	117,801	54,923	62,878	129,816	61,459	68,357	141,013	67,512	73,501
39	92,478	41,619	50,859	97,628	44,109	53,519	106,278	48,676	57,602	117,370	54,693	62,677	129,356	61,210	68,146
40	89,616	40,511	49,105	92,097	41,426	50,671	97,238	43,910	53,328	105,866	48,462	57,404	116,930	54,461	62,469

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario (cont'd)

Single age	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
41	87,856	40,036	47,820	89,225	40,314	48,911	91,707	41,230	50,477	96,839	43,708	53,131	105,445	48,246	57,199
42	85,780	39,344	46,436	87,452	39,832	47,620	88,826	40,114	48,712	91,310	41,030	50,280	96,432	43,503	52,929
43	83,256	38,361	44,895	85,367	39,135	46,232	87,043	39,625	47,418	88,423	39,911	48,512	90,908	40,829	50,079
44	79,740	36,759	42,981	82,841	38,149	44,692	84,953	38,923	46,030	86,633	39,416	47,217	88,019	39,707	48,312
45	75,639	34,767	40,872	79,330	36,548	42,782	82,428	37,936	44,492	84,542	38,711	45,831	86,226	39,208	47,018
46	71,384	32,709	38,675	75,239	34,559	40,680	78,922	36,335	42,587	82,015	37,721	44,294	84,131	38,499	45,632
47	67,914	31,065	36,849	70,989	32,504	38,485	74,834	34,348	40,486	78,509	36,119	42,390	81,598	37,503	44,095
48	65,866	30,047	35,819	67,516	30,857	36,659	70,583	32,292	38,291	74,417	34,130	40,287	78,083	35,895	42,188
49	65,691	29,860	35,831	65,448	29,829	35,619	67,098	30,638	36,460	70,157	32,069	38,088	73,979	33,899	40,080
50	66,753	30,223	36,530	65,236	29,622	35,614	65,005	29,596	35,409	66,654	30,405	36,249	69,704	31,830	37,874
51	68,507	30,888	37,619	66,248	29,959	36,289	64,753	29,369	35,384	64,534	29,349	35,185	66,181	30,155	36,026
52	69,628	31,273	38,355	67,947	30,597	37,350	65,718	29,682	36,036	64,244	29,102	35,142	64,038	29,087	34,951
53	69,028	30,905	38,123	69,021	30,958	38,063	67,367	30,294	37,073	65,168	29,394	35,774	63,717	28,825	34,892
54	65,955	29,456	36,499	68,394	30,577	37,817	68,400	30,635	37,765	66,772	29,984	36,788	64,604	29,099	35,505
55	61,101	27,229	33,872	65,322	29,130	36,192	67,750	30,244	37,506	67,769	30,308	37,461	66,169	29,670	36,499
56	55,633	24,728	30,905	60,486	26,913	33,573	64,677	28,798	35,879	67,095	29,906	37,189	67,128	29,976	37,152
57	50,695	22,461	28,234	55,038	24,424	30,614	59,852	26,588	33,264	64,014	28,456	35,558	66,421	29,559	36,862
58	46,509	20,540	25,969	50,112	22,164	27,948	54,418	24,106	30,312	59,191	26,249	32,942	63,321	28,100	35,221
59	43,552	19,179	24,373	45,927	20,244	25,683	49,497	21,850	27,647	53,763	23,772	29,991	58,492	25,891	32,601
60	41,481	18,219	23,262	42,954	18,876	24,078	45,308	19,930	25,378	48,842	21,517	27,325	53,065	23,415	29,650
61	39,730	17,417	22,313	40,855	17,903	22,952	42,317	18,554	23,763	44,649	19,595	25,054	48,144	21,161	26,983
62	37,664	16,466	21,198	39,071	17,086	21,985	40,189	17,568	22,621	41,640	18,212	23,428	43,947	19,240	24,707
63	35,124	15,260	19,864	36,980	16,124	20,856	38,373	16,736	21,637	39,483	17,214	22,269	40,921	17,851	23,070
64	31,865	13,673	18,192	34,426	14,914	19,512	36,256	15,764	20,492	37,634	16,368	21,266	38,735	16,841	21,894
65	28,187	11,861	16,326	31,171	13,336	17,835	33,688	14,552	19,136	35,490	15,386	20,104	36,852	15,981	20,871
66	24,329	9,959	14,370	27,515	11,542	15,973	30,439	12,982	17,457	32,908	14,171	18,737	34,681	14,989	19,692
67	20,952	8,298	12,654	23,694	9,667	14,027	26,806	11,208	15,598	29,665	12,611	17,054	32,083	13,772	18,311
68	18,619	7,144	11,475	20,352	8,032	12,320	23,023	9,361	13,662	26,057	10,857	15,200	28,847	12,222	16,625
69	17,689	6,674	11,015	18,033	6,894	11,139	19,720	7,754	11,966	22,316	9,041	13,275	25,267	10,491	14,776
70	17,764	6,700	11,064	17,077	6,418	10,659	17,417	6,632	10,785	19,054	7,464	11,590	21,572	8,707	12,865
71	18,377	6,972	11,405	17,087	6,419	10,668	16,435	6,152	10,283	16,771	6,361	10,410	18,356	7,162	11,194
72	18,759	7,144	11,615	17,605	6,651	10,954	16,379	6,127	10,252	15,763	5,876	9,887	16,094	6,079	10,015
73	18,446	7,050	11,396	17,890	6,784	11,106	16,800	6,319	10,481	15,640	5,825	9,815	15,061	5,590	9,471
74	17,063	6,530	10,533	17,504	6,659	10,845	16,989	6,412	10,577	15,965	5,977	9,988	14,872	5,513	9,359
75	14,992	5,736	9,256	16,105	6,132	9,973	16,533	6,258	10,275	16,058	6,029	10,029	15,101	5,624	9,477
76	14,010	5,275	8,735	14,066	5,352	8,714	15,121	5,726	9,395	15,535	5,848	9,687	15,100	5,639	9,461
77	12,236	4,594	7,642	13,057	4,887	8,170	13,119	4,962	8,157	14,114	5,313	8,801	14,512	5,431	9,081
78	10,669	4,052	6,617	11,319	4,223	7,096	12,088	4,497	7,591	12,156	4,570	7,586	13,089	4,897	8,192
79	9,541	3,763	5,778	9,787	3,693	6,094	10,393	3,852	6,541	11,110	4,106	7,004	11,181	4,176	7,005
80+	76,891	30,448	46,443	73,850	29,023	44,827	71,563	27,787	43,776	70,239	26,917	43,322	69,831	26,437	43,394
Total	10,730,761	5,175,336	5,555,425	10,978,626	5,301,274	5,677,352	11,225,544	5,426,645	5,798,899	11,470,865	5,551,145	5,919,720	11,713,994	5,674,491	6,039,503

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario (cont'd)

Single age	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
0	302,090	152,750	149,340	298,094	150,738	147,356	293,514	148,432	145,082	296,978	150,201	146,777	300,458	151,978	148,480
1	302,136	152,577	149,559	298,971	150,981	147,990	295,220	149,093	146,127	290,846	146,912	143,934	294,440	148,763	145,677
2	303,166	153,044	150,122	300,660	151,772	148,888	297,618	150,235	147,383	293,966	148,407	145,559	289,690	146,285	143,405
3	303,989	153,395	150,594	302,102	152,447	149,655	299,679	151,215	148,464	296,703	149,719	146,984	293,118	147,932	145,186
4	304,431	153,556	150,875	303,167	152,926	150,241	301,341	152,008	149,333	298,966	150,807	148,159	296,040	149,340	146,700
5	304,325	153,444	150,881	303,764	153,169	150,595	302,547	152,561	149,986	300,759	151,668	149,091	298,423	150,490	147,933
6	302,284	150,573	151,711	303,763	153,111	150,652	303,240	152,855	150,385	302,053	152,266	149,787	300,297	151,392	148,905
7	301,097	149,927	151,170	301,795	150,284	151,511	303,302	152,833	150,469	302,804	152,592	150,212	301,645	152,020	149,625
8	300,211	149,449	150,762	300,664	149,671	150,993	301,388	150,040	151,348	302,913	152,598	150,315	302,437	152,371	150,066
9	299,478	149,054	150,424	299,825	149,224	150,601	300,300	149,456	150,844	301,041	149,836	151,205	302,582	152,402	150,180
10	298,858	148,724	150,134	299,137	148,860	150,277	299,502	149,038	150,464	299,992	149,280	150,712	300,749	149,668	151,081
11	311,702	155,122	156,580	298,552	148,555	149,997	298,847	148,698	150,149	299,226	148,884	150,342	299,729	149,133	150,596
12	309,496	153,987	155,509	311,401	154,958	156,443	298,278	148,404	149,874	298,586	148,555	150,031	298,976	148,747	150,229
13	304,176	151,235	152,941	309,192	153,820	155,372	311,110	154,798	156,312	298,012	148,257	149,755	298,332	148,414	149,918
14	295,632	146,787	148,845	303,849	151,051	152,798	308,875	153,641	155,234	310,804	154,625	156,179	297,732	148,099	149,633
15	284,329	140,879	143,450	295,267	146,577	148,690	303,490	150,843	152,647	308,524	153,437	155,087	310,466	154,427	156,039
16	271,361	134,093	137,268	283,926	140,642	143,284	294,865	146,338	148,527	303,092	150,606	152,486	308,135	153,205	154,930
17	258,382	127,316	131,066	270,930	133,835	137,095	283,491	140,380	143,111	294,429	146,074	148,355	302,660	150,343	152,317
18	247,281	121,563	125,718	257,930	127,042	130,888	270,472	133,556	136,916	283,029	140,097	142,932	293,965	145,789	148,176
19	239,285	117,491	121,794	246,809	121,275	125,534	257,455	126,749	130,706	269,991	133,258	136,733	282,542	139,794	142,748
20	233,698	114,712	118,986	238,790	117,185	121,605	246,317	120,969	125,348	256,959	126,440	130,519	269,488	132,943	136,545
21	228,489	112,189	116,300	233,182	114,390	118,792	238,280	116,866	121,414	245,809	120,650	125,159	256,446	126,117	130,329
22	222,899	109,445	113,454	227,958	111,858	116,100	232,658	114,063	118,595	237,764	116,543	121,221	245,294	120,327	124,967
23	218,112	106,979	111,133	222,365	109,115	113,250	227,430	111,531	115,899	232,137	113,740	118,397	237,250	116,224	121,026
24	214,142	104,742	109,400	217,580	106,655	110,925	221,840	108,794	113,046	226,912	111,214	115,698	231,627	113,427	118,200
25	210,790	102,707	108,083	213,614	104,426	109,188	217,061	106,343	110,718	221,330	108,487	112,843	226,408	110,910	115,498
26	207,796	100,785	107,011	210,266	102,398	107,868	213,101	104,122	108,979	216,557	106,044	110,513	220,834	108,192	112,642
27	204,874	98,998	105,876	207,273	100,482	106,791	209,755	102,100	107,655	212,600	103,829	108,771	216,066	105,755	110,311
28	201,859	97,414	104,445	204,351	98,698	105,653	206,762	100,187	106,575	209,255	101,810	107,445	212,111	103,544	108,567
29	198,562	96,030	102,532	201,335	97,114	104,221	203,840	98,403	105,437	206,262	99,898	106,364	208,766	101,526	107,240
30	194,945	94,715	100,230	198,038	95,729	102,309	200,823	96,819	104,004	203,338	98,114	105,224	205,772	99,614	106,158
31	191,151	93,388	97,763	194,420	94,412	100,008	197,525	95,432	102,093	200,320	96,529	103,791	202,847	97,829	105,018
32	187,092	91,813	95,279	190,627	93,083	97,544	193,906	94,114	99,792	197,020	95,140	101,880	199,826	96,243	103,583
33	182,448	89,748	92,700	186,569	91,508	95,061	190,112	92,784	97,328	193,401	93,821	99,580	196,525	94,854	101,671
34	177,084	87,034	90,050	181,928	89,445	92,483	186,055	91,209	94,846	189,607	92,490	97,117	192,905	93,533	99,372
35	171,028	83,755	87,273	176,570	86,736	89,834	181,418	89,148	92,270	185,552	90,916	94,636	189,112	92,202	96,910
36	165,106	80,520	84,586	170,522	83,463	87,059	176,066	86,443	89,623	180,917	88,856	92,061	185,058	90,628	94,430
37	158,814	77,136	81,678	164,604	80,233	84,371	170,022	83,175	86,847	175,566	86,154	89,412	180,421	88,568	91,853
38	150,778	72,790	77,988	158,313	76,852	81,461	164,102	79,947	84,155	169,521	82,887	86,634	175,065	85,865	89,200
39	140,529	67,245	73,284	150,277	72,511	77,766	157,805	76,567	81,238	163,592	79,659	83,933	169,011	82,598	86,413
40	128,885	60,957	67,928	140,033	66,975	73,058	149,764	72,229	77,535	157,283	76,277	81,006	163,069	79,367	83,702

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario (cont'd)

Single age	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
41	116,477	54,224	62,253	128,401	60,699	67,702	139,524	66,701	72,823	149,235	71,942	77,293	156,745	75,983	80,762
42	105,014	48,025	56,989	116,015	53,983	62,032	127,907	60,437	67,470	139,002	66,421	72,581	148,694	71,650	77,044
43	96,019	43,295	52,724	104,577	47,802	56,775	115,546	53,739	61,807	127,405	60,172	67,233	138,472	66,139	72,333
44	90,505	40,626	49,879	95,605	43,085	52,520	104,139	47,577	56,562	115,075	53,493	61,582	126,900	59,905	66,995
45	87,617	39,502	48,115	90,103	40,422	49,681	95,193	42,875	52,318	103,702	47,351	56,351	114,606	53,247	61,359
46	85,818	38,998	46,820	87,215	39,296	47,919	89,701	40,216	49,485	94,780	42,663	52,117	103,265	47,123	56,142
47	83,714	38,281	45,433	85,405	38,783	46,622	86,806	39,085	47,721	89,292	40,006	49,286	94,360	42,446	51,914
48	81,166	37,276	43,890	83,283	38,055	45,228	84,977	38,559	46,418	86,383	38,865	47,518	88,869	39,787	49,082
49	77,634	35,658	41,976	80,711	37,035	43,676	82,827	37,815	45,012	84,524	38,322	46,202	85,935	38,632	47,303
50	73,511	33,652	39,859	77,154	35,404	41,750	80,223	36,776	43,447	82,339	37,557	44,782	84,039	38,066	45,973
51	69,220	31,574	37,646	73,011	33,387	39,624	76,641	35,131	41,510	79,702	36,499	43,203	81,817	37,279	44,538
52	65,683	29,892	35,791	68,709	31,303	37,406	72,484	33,106	39,378	76,099	34,841	41,258	79,152	36,204	42,948
53	63,522	28,816	34,706	65,164	29,618	35,546	68,178	31,022	37,156	71,935	32,815	39,120	75,536	34,541	40,995
54	63,177	28,542	34,635	62,994	28,537	34,457	64,633	29,337	35,296	67,634	30,734	36,900	71,375	32,516	38,859
55	64,031	28,800	35,231	62,628	28,254	34,374	62,458	28,255	34,203	64,095	29,053	35,042	67,084	30,441	36,643
56	65,554	29,351	36,203	63,448	28,496	34,952	62,069	27,961	34,108	61,913	27,968	33,945	63,548	28,763	34,785
57	66,466	29,634	36,832	64,921	29,022	35,899	62,848	28,183	34,665	61,494	27,660	33,834	61,352	27,672	33,680
58	65,716	29,196	36,520	65,774	29,277	36,497	64,259	28,679	35,580	62,220	27,855	34,365	60,894	27,345	33,549
59	62,587	27,724	34,863	64,969	28,811	36,158	65,041	28,898	36,143	63,558	28,315	35,243	61,556	27,508	34,048
60	57,747	25,509	32,238	61,804	27,322	34,482	64,172	28,401	35,771	64,260	28,494	35,766	62,810	27,926	34,884
61	52,320	23,035	29,285	56,950	25,102	31,848	60,967	26,893	34,074	63,320	27,962	35,358	63,425	28,061	35,364
62	47,400	20,784	26,616	51,524	22,630	28,894	56,100	24,668	31,432	60,075	26,435	33,640	62,413	27,495	34,918
63	43,200	18,864	24,336	46,608	20,384	26,224	50,679	22,201	28,478	55,197	24,208	30,989	59,128	25,951	33,177
64	40,159	17,470	22,689	42,408	18,467	23,941	45,768	19,961	25,807	49,782	21,748	28,034	54,240	23,722	30,518
65	37,943	16,449	21,494	39,350	17,068	22,282	41,568	18,049	23,519	44,878	19,516	25,362	48,833	21,271	27,562
66	36,025	15,575	20,450	37,104	16,036	21,068	38,494	16,646	21,848	40,680	17,609	23,071	43,937	19,047	24,890
67	33,824	14,572	19,252	35,148	15,147	20,001	36,215	15,602	20,613	37,588	16,202	21,386	39,740	17,146	22,594
68	31,210	13,352	17,858	32,917	14,134	18,783	34,219	14,698	19,521	35,275	15,146	20,129	36,630	15,735	20,895
69	27,984	11,815	16,169	30,288	12,913	17,375	31,959	13,676	18,283	33,241	14,228	19,013	34,285	14,668	19,617
70	24,435	10,108	14,327	27,074	11,390	15,684	29,317	12,455	16,862	30,952	13,197	17,755	32,212	13,736	18,476
71	20,790	8,359	12,431	23,560	9,710	13,850	26,117	10,947	15,170	28,298	11,977	16,321	29,894	12,697	17,197
72	17,623	6,849	10,774	19,970	7,998	11,972	22,642	9,296	13,346	25,115	10,486	14,629	27,231	11,479	15,752
73	15,386	5,787	9,599	16,857	6,523	10,334	19,112	7,623	11,489	21,684	8,866	12,818	24,070	10,007	14,063
74	14,331	5,294	9,037	14,649	5,484	9,165	16,059	6,187	9,872	18,220	7,234	10,986	20,688	8,419	12,269
75	14,077	5,192	8,885	13,574	4,989	8,585	13,884	5,172	8,712	15,233	5,839	9,394	17,297	6,832	10,465
76	14,210	5,264	8,946	13,257	4,863	8,394	12,793	4,676	8,117	13,097	4,851	8,246	14,382	5,481	8,901
77	14,117	5,241	8,876	13,295	4,896	8,399	12,414	4,527	7,887	11,992	4,357	7,635	12,290	4,524	7,766
78	13,469	5,010	8,459	13,113	4,839	8,274	12,361	4,524	7,837	11,555	4,187	7,368	11,175	4,033	7,142
79	12,050	4,480	7,570	12,410	4,587	7,823	12,093	4,434	7,659	11,414	4,150	7,264	10,683	3,844	6,839
80+	69,611	26,122	43,489	70,277	26,157	44,120	71,242	26,310	44,932	71,877	26,326	45,551	71,899	26,107	45,792
Total	11,954,132	5,796,265	6,157,867	12,190,637	5,916,114	6,274,523	12,422,805	6,033,716	6,389,089	12,658,536	6,153,127	6,505,409	12,897,778	6,274,286	6,623,492

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario (cont'd)

Single age	2023 Both sexes	2023 Male	2023 Female	2024 Both sexes	2024 Male	2024 Female	2025 Both sexes	2025 Male	2025 Female	2026 Both sexes	2026 Male	2026 Female	2027 Both sexes	2027 Male	2027 Female
0	303,804	153,686	150,118	307,004	155,320	151,684	310,100	156,902	153,198	313,017	158,393	154,624	315,679	159,756	155,923
1	298,033	150,612	147,421	301,497	152,394	149,103	304,819	154,105	150,714	308,040	155,766	152,274	311,086	157,339	153,747
2	293,342	148,173	145,169	296,994	150,058	146,936	300,518	151,879	148,639	303,902	153,629	150,273	307,188	155,331	151,857
3	288,903	145,847	143,056	292,593	147,759	144,834	296,285	149,670	146,615	299,850	151,516	148,334	303,278	153,294	149,984
4	292,500	147,581	144,919	288,330	145,523	142,807	292,049	147,453	144,596	295,770	149,383	146,387	299,367	151,249	148,118
5	295,532	149,045	146,487	292,027	147,306	144,721	287,891	145,270	142,621	291,634	147,215	144,419	295,379	149,160	146,219
6	297,989	150,232	147,757	295,126	148,805	146,321	291,650	147,084	144,566	287,544	145,066	142,478	291,306	147,023	144,283
7	299,911	151,161	148,750	297,628	150,015	147,613	294,789	148,604	146,185	291,338	146,898	144,440	287,256	144,895	142,361
8	301,297	151,812	149,485	299,584	150,965	148,619	297,321	149,832	147,489	294,504	148,433	146,071	291,073	146,741	144,332
9	302,123	152,185	149,938	301,000	151,636	149,364	299,305	150,800	148,505	297,059	149,678	147,381	294,260	148,290	145,970
10	302,301	152,240	150,061	301,856	152,031	149,825	300,747	151,491	149,256	299,067	150,663	148,404	296,837	149,551	147,286
11	300,496	149,528	150,968	302,059	152,104	149,955	301,626	151,902	149,724	300,530	151,369	149,161	298,863	150,549	148,314
12	299,490	149,002	150,488	300,267	149,403	150,864	301,840	151,983	149,857	301,418	151,787	149,631	300,333	151,261	149,072
13	298,732	148,613	150,119	299,256	148,873	150,383	300,043	149,279	150,764	301,625	151,863	149,762	301,214	151,674	149,540
14	298,062	148,262	149,800	298,473	148,466	150,007	299,008	148,732	150,276	299,806	149,144	150,662	301,397	151,732	149,665
15	297,419	147,916	149,503	297,761	148,086	149,675	298,184	148,296	149,888	298,730	148,569	150,161	299,539	148,987	150,552
16	310,087	154,200	155,887	297,070	147,706	149,364	297,424	147,883	149,541	297,859	148,100	149,759	298,417	148,380	150,037
17	307,710	152,946	154,764	309,674	153,948	155,726	296,688	147,472	149,216	297,056	147,656	149,400	297,504	147,881	149,623
18	302,198	150,058	152,140	307,256	152,664	154,592	309,233	153,674	155,559	296,280	147,218	149,062	296,662	147,409	149,253
19	293,476	145,483	147,993	301,711	149,753	151,958	306,777	152,363	154,414	308,767	153,380	155,387	295,850	146,945	148,905
20	282,032	139,473	142,559	292,962	145,159	147,803	301,200	149,429	151,771	306,276	152,044	154,232	308,281	153,069	155,212
21	268,967	132,614	136,353	281,504	139,138	142,366	292,432	144,821	147,611	300,673	149,092	151,581	305,759	151,713	154,046
22	255,926	125,790	130,136	268,438	132,280	136,158	280,968	138,798	142,170	291,894	144,479	147,415	300,140	148,752	151,388
23	244,780	120,007	124,773	255,407	125,465	129,942	267,911	131,949	135,962	280,436	138,463	141,973	291,360	144,141	147,219
24	236,744	115,914	120,830	244,276	119,697	124,579	254,898	125,151	129,747	267,395	131,629	135,766	279,914	138,139	141,775
25	231,129	113,126	118,003	236,252	115,616	120,636	243,784	119,399	124,385	254,402	124,850	129,552	266,894	131,323	135,571
26	225,917	110,617	115,300	230,644	112,837	117,807	235,773	115,330	120,443	243,307	119,113	124,194	253,922	124,561	129,361
27	220,349	107,906	112,443	225,437	110,334	115,103	230,170	112,558	117,612	235,306	115,053	120,253	242,843	118,837	124,006
28	215,585	105,473	110,112	219,874	107,627	112,247	224,967	110,058	114,909	229,708	112,286	117,422	234,850	114,785	120,065
29	211,631	103,263	108,368	215,113	105,196	109,917	219,408	107,354	112,054	224,508	109,788	114,720	229,256	112,020	117,236
30	208,286	101,246	107,040	211,160	102,987	108,173	214,649	104,924	109,725	218,952	107,085	111,867	224,058	109,523	114,535
31	205,290	99,333	105,957	207,813	100,969	106,844	210,696	102,715	107,981	214,194	104,656	109,538	218,505	106,821	111,684
32	202,362	97,548	104,814	204,815	99,056	105,759	207,348	100,697	106,651	210,241	102,447	107,794	213,748	104,392	109,356
33	199,340	95,961	103,379	201,886	97,271	104,615	204,349	98,784	105,565	206,892	100,429	106,463	209,795	102,183	107,612
34	196,038	94,572	101,466	198,862	95,684	103,178	201,418	96,999	104,419	203,891	98,517	105,374	206,444	100,166	106,278
35	192,418	93,251	99,167	195,559	94,294	101,265	198,393	95,413	102,980	200,958	96,732	104,226	203,442	98,255	105,187
36	188,625	91,919	96,706	191,938	92,973	98,965	195,088	94,022	101,066	197,931	95,146	102,785	200,507	96,471	104,036
37	184,566	90,342	94,224	188,140	91,638	96,502	191,462	92,697	98,765	194,620	93,752	100,868	197,474	94,882	102,592
38	179,923	88,280	91,643	184,072	90,057	94,015	187,653	91,358	96,295	190,983	92,423	98,560	194,151	93,484	100,667
39	174,555	85,575	88,980	179,414	87,990	91,424	183,569	89,770	93,799	187,157	91,076	96,081	190,496	92,147	98,349
40	168,486	82,305	86,181	174,028	85,279	88,749	178,890	87,695	91,195	183,050	89,479	93,571	186,647	90,789	95,858

Single age	2023			2024			2025			2026			2027		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
41	162,527	79,070	83,457	167,943	82,005	85,938	173,485	84,978	88,507	178,349	87,395	90,954	182,515	89,182	93,333
42	156,193	75,683	80,510	161,971	78,767	83,204	167,385	81,700	85,685	172,926	84,671	88,255	177,793	87,089	90,704
43	148,143	71,353	76,790	155,630	75,379	80,251	161,404	78,459	82,945	166,817	81,390	85,427	172,358	84,359	87,999
44	137,939	65,853	72,086	147,588	71,053	76,535	155,063	75,071	79,992	160,834	78,147	82,687	166,245	81,076	85,169
45	126,396	59,636	66,760	137,404	65,565	71,839	147,032	70,750	76,282	154,495	74,760	79,735	160,262	77,833	82,429
46	114,134	52,997	61,137	125,888	59,363	66,525	136,867	65,273	71,594	146,472	70,444	76,028	153,924	74,445	79,479
47	102,818	46,889	55,929	113,653	52,740	60,913	125,370	59,083	66,287	136,319	64,973	71,346	145,901	70,128	75,773
48	93,924	42,219	51,705	102,354	46,644	55,710	113,151	52,471	60,680	124,831	58,789	66,042	135,747	64,657	71,090
49	88,420	39,553	48,867	93,460	41,976	51,484	101,860	46,382	55,478	112,617	52,183	60,434	124,256	58,474	65,782
50	85,454	38,379	47,075	87,936	39,300	48,636	92,960	41,712	51,248	101,327	46,097	55,230	112,041	51,870	60,171
51	83,518	37,790	45,728	84,936	38,106	46,830	87,416	39,026	48,390	92,422	41,427	50,995	100,753	45,789	54,964
52	81,265	36,984	44,281	82,966	37,496	45,470	84,388	37,816	46,572	86,864	38,734	48,130	91,852	41,124	50,728
53	78,579	35,897	42,682	80,689	36,676	44,013	82,391	37,190	45,201	83,816	37,512	46,304	86,289	38,429	47,860
54	74,959	34,231	40,728	77,991	35,582	42,409	80,098	36,359	43,739	81,802	36,875	44,927	83,230	37,200	46,030
55	70,805	32,212	38,593	74,373	33,917	40,456	77,394	35,261	42,133	79,499	36,038	43,461	81,204	36,555	44,649
56	66,523	30,144	36,379	70,225	31,902	38,323	73,777	33,597	40,180	76,786	34,934	41,852	78,889	35,710	43,179
57	62,984	28,465	34,519	65,944	29,836	36,108	69,627	31,583	38,044	73,161	33,267	39,894	76,160	34,597	41,563
58	60,764	27,363	33,401	62,393	28,152	34,241	65,338	29,514	35,824	69,000	31,248	37,752	72,517	32,920	39,597
59	60,256	27,010	33,246	60,141	27,033	33,108	61,765	27,818	33,947	64,694	29,170	35,524	68,335	30,890	37,445
60	60,846	27,136	33,710	59,574	26,650	32,924	59,473	26,679	32,794	61,093	27,460	33,633	64,004	28,801	35,203
61	62,009	27,508	34,501	60,084	26,737	33,347	58,842	26,264	32,578	58,756	26,299	32,457	60,372	27,075	33,297
62	62,532	27,599	34,933	61,152	27,062	34,090	59,269	26,310	32,959	58,059	25,851	32,208	57,989	25,891	32,098
63	61,446	26,998	34,448	61,581	27,107	34,474	60,238	26,586	33,652	58,400	25,854	32,546	57,223	25,410	31,813
64	58,120	25,437	32,683	60,417	26,470	33,947	60,568	26,585	33,983	59,266	26,082	33,184	57,474	25,371	32,103
65	53,224	23,208	30,016	57,050	24,893	32,157	59,324	25,912	33,412	59,491	26,032	33,459	58,231	25,547	32,684
66	47,826	20,766	27,060	52,144	22,664	29,480	55,913	24,317	31,596	58,162	25,321	32,841	58,346	25,446	32,900
67	42,938	18,552	24,386	46,757	20,233	26,524	50,998	22,090	28,908	54,704	23,709	30,995	56,927	24,696	32,231
68	38,744	16,657	22,087	41,880	18,030	23,850	45,623	19,671	25,952	49,781	21,484	28,297	53,422	23,067	30,355
69	35,618	15,244	20,374	37,690	16,144	21,546	40,759	17,481	23,278	44,422	19,079	25,343	48,494	20,846	27,648
70	33,240	14,167	19,073	34,550	14,730	19,820	36,578	15,606	20,972	39,576	16,906	22,670	43,154	18,460	24,694
71	31,128	13,222	17,906	32,140	13,643	18,497	33,425	14,192	19,233	35,407	15,043	20,364	38,330	16,304	22,026
72	28,784	12,176	16,608	29,991	12,686	17,305	30,984	13,096	17,888	32,242	13,630	18,612	34,174	14,455	19,719
73	26,114	10,961	15,153	27,621	11,632	15,989	28,797	12,126	16,671	29,771	12,525	17,246	30,999	13,042	17,957
74	22,979	9,508	13,471	24,947	10,420	14,527	26,405	11,065	15,340	27,549	11,542	16,007	28,501	11,928	16,573
75	19,653	7,956	11,697	21,845	8,991	12,854	23,733	9,860	13,873	25,139	10,476	14,663	26,249	10,934	15,315
76	16,342	6,418	9,924	18,582	7,478	11,104	20,670	8,457	12,213	22,474	9,280	13,194	23,826	9,867	13,959
77	13,506	5,114	8,392	15,359	5,993	9,366	17,478	6,988	10,490	19,458	7,908	11,550	21,174	8,683	12,491
78	11,463	4,190	7,273	12,608	4,741	7,867	14,351	5,559	8,792	16,344	6,488	9,856	18,212	7,347	10,865
79	10,344	3,706	6,638	10,621	3,854	6,767	11,693	4,364	7,329	13,321	5,121	8,200	15,186	5,981	9,205
80+	71,337	25,665	45,672	70,632	25,185	45,447	70,370	24,933	45,437	71,217	25,205	46,012	73,531	26,151	47,380
Total	13,140,148	6,397,013	6,743,135	13,385,470	6,521,197	6,864,273	13,633,585	6,646,779	6,986,806	13,884,233	6,773,614	7,110,619	14,137,063	6,901,529	7,235,534

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario (cont'd)

Single age	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
0	317,663	160,772	156,891	319,010	161,465	157,545	319,956	161,952	158,004	320,443	162,198	158,245	320,442	162,197	158,245
1	313,844	158,762	155,082	315,930	159,842	156,088	317,370	160,588	156,782	318,385	161,103	157,282	318,943	161,377	157,566
2	310,282	156,934	153,348	313,090	158,389	154,701	315,220	159,494	155,726	316,691	160,250	156,441	317,738	160,776	156,962
3	306,595	155,015	151,580	309,722	156,639	153,083	312,558	158,110	154,448	314,709	159,222	155,487	316,201	159,987	156,214
4	302,817	153,041	149,776	306,158	154,777	151,381	309,306	156,413	152,893	312,157	157,889	154,268	314,323	159,007	155,316
5	298,993	151,037	147,956	302,462	152,841	149,621	305,819	154,586	151,233	308,977	156,226	152,751	311,840	157,707	154,133
6	295,065	148,977	146,088	298,694	150,863	147,831	302,175	152,674	149,501	305,541	154,423	151,118	308,709	156,066	152,643
7	291,030	146,860	144,170	294,801	148,822	145,979	298,441	150,714	147,727	301,930	152,528	149,402	305,303	154,279	151,024
8	287,009	144,749	142,260	290,792	146,719	144,073	294,573	148,686	145,887	298,219	150,581	147,638	301,714	152,397	149,317
9	290,844	146,607	144,237	286,794	144,623	142,171	290,585	146,598	143,987	294,371	148,566	145,805	298,022	150,463	147,559
10	294,049	148,170	145,879	290,646	146,493	144,153	286,607	144,516	142,091	290,403	146,493	143,910	294,193	148,463	145,730
11	296,643	149,442	147,201	293,866	148,067	145,799	290,472	146,396	144,076	286,442	144,423	142,019	290,242	146,401	143,841
12	298,675	150,446	148,229	296,465	149,344	147,121	293,697	147,974	145,723	290,311	146,307	144,004	286,289	144,337	141,952
13	300,139	151,152	148,987	298,489	150,343	148,146	296,288	149,246	147,042	293,527	147,879	145,648	290,149	146,215	143,934
14	300,994	151,548	149,446	299,928	151,031	148,897	298,288	150,226	148,062	296,094	149,133	146,961	293,342	147,771	145,571
15	301,137	151,577	149,560	300,744	151,398	149,346	299,687	150,887	148,800	298,056	150,086	147,970	295,871	148,997	146,874
16	299,236	148,803	150,433	300,841	151,395	149,446	300,458	151,221	149,237	299,410	150,715	148,695	297,789	149,919	147,870
17	298,072	148,166	149,906	298,900	148,594	150,306	300,513	151,188	149,325	300,139	151,020	149,119	299,102	150,518	148,584
18	297,121	147,640	149,481	297,700	147,931	149,769	298,537	148,365	150,172	300,157	150,960	149,197	299,794	150,797	148,997
19	296,243	147,144	149,099	296,714	147,381	149,333	297,303	147,678	149,625	298,151	148,116	150,035	299,778	150,714	149,064
20	295,396	146,655	148,741	295,802	146,861	148,941	296,285	147,105	149,180	296,885	147,407	149,478	297,743	147,851	149,892
21	307,775	152,744	155,031	294,925	146,352	148,573	295,344	146,565	148,779	295,838	146,815	149,023	296,450	147,124	149,326
22	305,231	151,375	153,856	307,259	152,413	154,846	294,445	146,043	148,402	294,876	146,262	148,614	295,382	146,519	148,863
23	299,606	148,413	151,193	304,704	151,040	153,664	306,743	152,084	154,659	293,964	145,735	148,229	294,408	145,961	148,447
24	290,834	143,813	147,021	299,080	148,084	150,996	304,184	150,713	153,471	306,233	151,763	154,470	293,489	145,434	148,055
25	279,404	137,826	141,578	290,318	143,495	146,823	298,565	147,766	150,799	303,674	150,397	153,277	305,735	151,452	154,283
26	266,404	131,028	135,376	278,906	137,524	141,382	289,815	143,190	146,625	298,062	147,458	150,604	303,176	150,092	153,084
27	253,451	124,281	129,170	265,924	130,741	135,183	278,417	137,231	141,186	289,321	142,892	146,429	297,568	147,159	150,409
28	242,386	118,568	123,818	252,988	124,006	128,982	265,452	130,460	134,992	277,936	136,943	140,993	288,835	142,599	146,236
29	234,401	114,520	119,881	241,935	118,302	123,633	252,531	123,735	128,796	264,986	130,182	134,804	277,462	136,658	140,804
30	228,809	111,756	117,053	233,958	114,258	119,700	241,491	118,038	123,453	252,080	123,466	128,614	264,525	129,905	134,620
31	223,613	109,259	114,354	228,368	111,494	116,874	233,520	113,997	119,523	241,051	117,775	123,276	251,633	123,197	128,436
32	218,062	106,558	111,504	223,173	108,997	114,176	227,932	111,234	116,698	233,086	113,737	119,349	240,615	117,512	123,103
33	213,307	104,130	109,177	217,625	106,298	111,327	222,738	108,738	114,000	227,499	110,975	116,524	232,656	113,479	119,177
34	209,353	101,923	107,430	212,870	103,871	108,999	217,192	106,040	111,152	222,307	108,481	113,826	227,072	110,719	116,353
35	206,002	99,906	106,096	208,917	101,665	107,252	212,439	103,616	108,823	216,764	105,785	110,979	221,882	108,226	113,656
36	202,998	97,995	105,003	205,565	99,650	105,915	208,486	101,411	107,075	212,012	103,362	108,650	216,340	105,532	110,808
37	200,057	96,210	103,847	202,554	97,737	104,817	205,128	99,394	105,734	208,054	101,156	106,898	211,585	103,109	108,476
38	197,011	94,617	102,394	199,601	95,948	103,653	202,105	97,478	104,627	204,684	99,136	105,548	207,616	100,900	106,716
39	193,670	93,211	100,459	196,536	94,348	102,188	199,133	95,682	103,451	201,643	97,214	104,429	204,229	98,874	105,355
40	189,991	91,864	98,127	193,170	92,933	100,237	196,042	94,073	101,969	198,645	95,410	103,235	201,162	96,943	104,219

Table 33: Projection of the total population 2012-2032 by single age according to the low projections scenario (cont'd)

Single age	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
41	186,115	90,496	95,619	189,464	91,574	97,890	192,648	92,646	100,002	195,526	93,790	101,736	198,136	95,129	103,007
42	181,960	88,877	93,083	185,564	90,194	95,370	188,918	91,276	97,642	192,107	92,352	99,755	194,992	93,498	101,494
43	177,223	86,776	90,447	181,391	88,565	92,826	184,999	89,885	95,114	188,357	90,970	97,387	191,551	92,049	99,502
44	171,780	84,041	87,739	176,643	86,456	90,187	180,813	88,247	92,566	184,423	89,568	94,855	187,786	90,657	97,129
45	165,667	80,757	84,910	171,197	83,718	87,479	176,058	86,131	89,927	180,228	87,922	92,306	183,842	89,246	94,596
46	159,683	77,512	82,171	165,082	80,431	84,651	170,606	83,388	87,218	175,464	85,799	89,665	179,635	87,590	92,045
47	153,337	74,118	79,219	159,086	77,179	81,907	164,479	80,093	84,386	169,997	83,044	86,953	174,852	85,453	89,399
48	145,301	69,795	75,506	152,719	73,772	78,947	158,459	76,826	81,633	163,844	79,734	84,110	169,355	82,680	86,675
49	135,133	64,317	70,816	144,656	69,434	75,222	152,055	73,398	78,657	157,784	76,444	81,340	163,161	79,345	83,816
50	123,630	58,128	65,502	134,465	63,944	70,521	143,954	69,038	74,916	151,331	72,988	78,343	157,048	76,025	81,023
51	111,416	51,528	59,888	122,952	57,752	65,200	133,739	63,536	70,203	143,191	68,606	74,585	150,545	72,540	78,005
52	100,141	45,458	54,683	110,749	51,161	59,588	122,227	57,348	64,879	132,964	63,100	69,864	142,377	68,144	74,233
53	91,254	40,805	50,449	99,499	45,110	54,389	110,050	50,776	59,274	121,468	56,924	64,544	132,154	62,642	69,512
54	85,697	38,114	47,583	90,638	40,475	50,163	98,837	44,752	54,085	109,330	50,380	58,950	120,687	56,488	64,199
55	82,633	36,882	45,751	85,092	37,793	47,299	90,010	40,139	49,871	98,164	44,387	53,777	108,598	49,977	58,621
56	80,592	36,227	44,365	82,022	36,557	45,465	84,475	37,465	47,010	89,369	39,797	49,572	97,478	44,016	53,462
57	78,257	35,371	42,886	79,958	35,888	44,070	81,389	36,219	45,170	83,837	37,125	46,712	88,706	39,443	49,263
58	75,500	34,242	41,258	77,591	35,012	42,579	79,290	35,529	43,761	80,723	35,864	44,859	83,165	36,768	46,397
59	71,828	32,549	39,279	74,795	33,861	40,934	76,879	34,628	42,251	78,578	35,147	43,431	80,013	35,485	44,528
60	67,617	30,504	37,113	71,086	32,147	38,939	74,035	33,449	40,586	76,113	34,215	41,898	77,810	34,734	43,076
61	63,260	28,402	34,858	66,843	30,087	36,756	70,285	31,714	38,571	73,216	33,005	40,211	75,288	33,769	41,519
62	59,595	26,660	32,935	62,459	27,972	34,487	66,009	29,638	36,371	69,424	31,248	38,176	72,336	32,529	39,807
63	57,167	25,455	31,712	58,762	26,216	32,546	61,599	27,513	34,086	65,116	29,159	35,957	68,501	30,752	37,749
64	56,329	24,940	31,389	56,285	24,989	31,296	57,870	25,743	32,127	60,680	27,024	33,656	64,162	28,649	35,513
65	56,484	24,856	31,628	55,372	24,440	30,932	55,343	24,494	30,849	56,917	25,241	31,676	59,698	26,505	33,193
66	57,125	24,978	32,147	55,425	24,308	31,117	54,349	23,907	30,442	54,338	23,969	30,369	55,900	24,708	31,192
67	57,123	24,824	32,299	55,943	24,373	31,570	54,295	23,727	30,568	53,258	23,344	29,914	53,265	23,413	29,852
68	55,609	24,033	31,576	55,819	24,165	31,654	54,684	23,733	30,951	53,092	23,113	29,979	52,097	22,749	29,348
69	52,057	22,389	29,668	54,208	23,334	30,874	54,431	23,469	30,962	53,345	23,060	30,285	51,813	22,467	29,346
70	47,127	20,175	26,952	50,610	21,675	28,935	52,721	22,598	30,123	52,962	22,741	30,221	51,928	22,355	29,573
71	41,812	17,808	24,004	45,680	19,470	26,210	49,077	20,926	28,151	51,149	21,829	29,320	51,407	21,978	29,429
72	37,011	15,672	21,339	40,392	17,125	23,267	44,150	18,731	25,419	47,458	20,143	27,315	49,488	21,024	28,464
73	32,873	13,837	19,036	35,620	15,009	20,611	38,894	16,407	22,487	42,536	17,958	24,578	45,750	19,324	26,426
74	29,693	12,426	17,267	31,504	13,189	18,315	34,156	14,314	19,842	37,318	15,659	21,659	40,840	17,150	23,690
75	27,171	11,306	15,865	28,323	11,783	16,540	30,070	12,514	17,556	32,623	13,590	19,033	35,668	14,878	20,790
76	24,892	10,303	14,589	25,783	10,658	15,125	26,894	11,115	15,779	28,574	11,814	16,760	31,024	12,841	18,183
77	22,462	9,237	13,225	23,484	9,651	13,833	24,341	9,990	14,351	25,412	10,428	14,984	27,021	11,093	15,928
78	19,832	8,072	11,760	21,053	8,592	12,461	22,028	8,983	13,045	22,853	9,308	13,545	23,879	9,725	14,154
79	16,934	6,777	10,157	18,454	7,451	11,003	19,606	7,936	11,670	20,534	8,306	12,228	21,324	8,616	12,708
80+	77,306	27,761	49,545	82,236	29,880	52,356	87,966	32,332	55,634	94,071	34,912	59,159	100,307	37,503	62,804
Total	14,390,838	7,029,902	7,360,936	14,644,828	7,158,364	7,486,464	14,898,528	7,286,658	7,611,870	15,151,387	7,414,476	7,736,911	15,402,934	7,541,570	7,861,364

Table 34: Projections of the total population, 2012-2032 according to the high projections scenario

5 year age group	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,542,363	771,368	770,995	1,559,592	781,939	777,653	1,584,188	796,240	787,948	1,615,917	814,157	801,760	1,654,552	835,563	818,989
5-9	1,531,038	762,056	768,982	1,532,606	763,118	769,487	1,526,328	760,099	766,229	1,515,536	754,747	760,790	1,503,581	748,810	754,770
10-14	1,310,113	646,675	663,438	1,364,283	674,724	689,559	1,419,111	703,232	715,879	1,468,254	728,814	739,440	1,506,714	748,820	757,894
15-19	1,129,937	555,677	574,259	1,152,271	566,740	585,531	1,178,738	579,696	599,042	1,211,644	596,017	615,628	1,252,062	616,454	635,608
20-24	1,037,836	504,153	533,683	1,050,487	511,204	539,283	1,063,850	519,110	544,740	1,079,025	527,891	551,135	1,096,908	537,619	559,289
25-29	946,509	464,622	481,887	965,145	471,991	493,154	981,701	478,024	503,678	996,645	483,591	513,054	1,010,485	489,394	521,091
30-34	799,059	388,671	410,388	833,180	407,144	426,035	862,271	422,675	439,596	887,883	435,852	452,031	911,217	447,177	464,040
35-39	547,391	252,600	294,791	595,676	278,398	317,279	648,507	306,944	341,563	700,130	334,932	365,198	746,357	359,941	386,416
40-44	426,239	195,008	231,230	436,953	198,844	238,109	449,709	203,781	245,928	468,969	212,492	256,477	497,572	226,688	270,885
45-49	346,485	158,445	188,040	358,497	164,287	194,210	373,812	171,529	202,283	389,548	178,714	210,834	403,873	184,948	218,925
50-54	339,862	152,743	187,119	336,819	151,703	185,116	331,188	149,555	181,633	327,284	148,199	179,086	328,114	148,945	179,169
55-59	257,481	114,133	143,348	276,857	122,863	153,994	296,134	131,564	164,570	311,726	138,652	173,075	321,369	143,136	178,234
60-64	185,854	81,031	104,823	194,258	84,893	109,365	202,387	88,532	113,856	212,152	92,872	119,280	224,662	98,454	126,208
65-69	109,768	43,935	65,834	120,742	49,463	71,279	133,624	55,840	77,785	146,345	62,036	84,309	157,586	67,407	90,179
70-74	90,401	34,394	56,007	87,138	32,923	54,214	83,971	31,629	52,343	83,115	31,481	51,635	85,840	33,017	52,822
75-79	61,440	23,417	38,023	64,308	24,279	40,029	67,202	25,280	41,923	68,884	25,840	43,044	68,853	25,730	43,123
80 +	76,880	30,444	46,435	73,817	29,012	44,805	71,499	27,766	43,733	70,134	26,883	43,251	69,676	26,388	43,287
Total	10,738,655	5,179,373	5,559,283	11,002,628	5,313,527	5,689,101	11,274,221	5,451,495	5,822,726	11,553,192	5,593,167	5,960,025	11,839,419	5,738,490	6,100,929

5 year age group	2018			2019			2020			2021			2022		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,691,239	854,250	836,989	1,727,453	872,715	854,738	1,763,418	891,068	872,350	1,799,337	909,410	889,927	1,835,403	927,832	907,571
5-9	1,514,244	756,037	758,207	1,532,478	767,108	765,371	1,557,982	781,873	776,109	1,590,532	800,221	790,310	1,629,882	822,023	807,858
10-14	1,519,433	755,699	763,735	1,521,517	757,029	764,488	1,515,769	754,289	761,480	1,505,498	749,213	756,284	1,494,030	743,540	750,490
15-19	1,300,346	641,237	659,109	1,354,447	669,226	685,221	1,409,205	697,673	711,531	1,458,320	723,221	735,099	1,496,826	743,239	753,587
20-24	1,117,040	547,949	569,092	1,139,461	559,045	580,416	1,165,978	572,020	593,959	1,198,878	588,329	610,549	1,239,225	608,717	630,508
25-29	1,023,557	495,808	527,750	1,036,396	502,947	533,449	1,049,936	510,934	539,003	1,065,266	519,788	545,479	1,083,275	529,582	553,693
30-34	932,391	456,574	475,817	951,126	464,011	487,115	967,818	470,142	497,676	982,920	475,821	507,099	996,931	481,736	515,195
35-39	785,941	381,334	404,607	819,844	399,641	420,203	848,819	415,075	433,745	874,386	428,210	446,177	897,721	439,535	458,186
40-44	536,657	247,042	289,615	584,276	272,423	311,853	636,375	300,513	335,862	687,318	328,078	359,240	732,994	352,748	380,246
45-49	415,743	189,639	226,105	426,431	193,490	232,941	439,121	198,421	240,700	458,178	207,041	251,136	486,378	221,021	265,356
50-54	334,927	152,403	182,523	346,774	158,153	188,621	361,807	165,247	196,561	377,244	172,284	204,960	391,317	178,405	212,912
55-59	324,128	144,622	179,507	321,440	143,753	177,686	316,291	141,843	174,448	312,800	140,690	172,110	313,837	141,536	172,300
60-64	240,601	105,583	135,018	258,972	113,795	145,177	277,238	121,977	155,261	292,032	128,658	163,374	301,236	132,918	168,318
65-69	166,771	71,693	95,078	174,505	75,204	99,302	182,046	78,545	103,500	191,109	82,539	108,571	202,686	87,660	115,027
70-74	92,393	36,347	56,046	101,856	41,032	60,824	112,882	46,403	66,480	123,750	51,617	72,134	133,378	56,152	77,226
75-79	67,743	25,135	42,607	65,415	24,110	41,305	63,248	23,257	39,991	62,901	23,291	39,610	65,302	24,597	40,706
80 +	69,390	26,054	43,335	69,973	26,067	43,906	70,832	26,194	44,638	71,308	26,183	45,125	71,123	25,935	45,188
Total	12,132,544	5,887,405	6,245,139	12,432,365	6,039,750	6,392,614	12,738,767	6,195,475	6,543,293	13,051,776	6,354,592	6,697,184	13,371,543	6,517,177	6,854,366

5 year age group	2023			2024			2025			2026			2027		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,871,585	946,268	925,317	1,907,747	964,704	943,043	1,943,905	983,148	960,757	1,979,902	1,001,518	978,383	2,015,415	1,019,654	995,761
5-9	1,667,259	841,062	826,197	1,704,166	859,886	844,280	1,740,807	878,596	862,211	1,777,358	897,280	880,078	1,813,964	916,002	897,962
10-14	1,505,017	750,916	754,100	1,523,514	762,108	761,407	1,549,230	776,969	772,261	1,581,943	795,392	786,551	1,621,404	817,245	804,160
15-19	1,509,739	750,206	759,533	1,512,082	751,666	760,417	1,506,640	749,085	757,555	1,496,696	744,186	752,510	1,485,556	738,693	746,863
20-24	1,287,365	633,397	653,968	1,341,265	661,243	680,022	1,395,816	689,540	706,276	1,444,778	714,969	729,809	1,483,230	734,932	748,299
25-29	1,103,508	539,966	563,542	1,126,001	551,103	574,898	1,152,542	564,088	588,454	1,185,394	580,361	605,033	1,225,612	600,657	624,954
30-34	1,010,180	488,247	521,933	1,023,189	495,469	527,720	1,036,879	503,519	533,360	1,052,331	512,419	539,912	1,070,424	522,242	548,182
35-39	918,940	448,964	469,976	937,755	456,462	481,293	954,552	462,672	491,880	969,774	468,431	501,343	983,908	474,417	509,491
40-44	772,174	373,886	398,288	805,800	392,011	413,789	834,600	407,324	427,276	860,060	420,384	439,676	883,329	431,666	451,662
45-49	524,839	241,015	283,824	571,663	265,923	305,739	622,891	293,485	329,406	673,010	320,544	352,466	717,998	344,786	373,212
50-54	403,019	183,036	219,983	413,595	186,862	226,733	426,141	191,744	234,397	444,895	200,210	244,686	472,553	213,875	258,678
55-59	320,593	144,955	175,637	332,165	150,548	181,617	346,788	157,415	189,373	361,800	164,223	197,578	375,515	170,154	205,361
60-64	303,990	134,393	169,597	301,671	133,691	167,980	297,087	132,036	165,050	294,096	131,099	162,997	295,385	132,032	163,353
65-69	217,375	94,163	123,212	234,266	101,627	132,638	251,042	109,048	141,994	264,650	115,107	149,543	273,175	118,985	154,190
70-74	141,299	59,797	81,502	148,056	62,818	85,238	154,728	65,726	89,002	162,778	69,208	93,570	173,033	73,656	99,377
75-79	70,597	27,231	43,366	78,068	30,852	47,216	86,690	34,957	51,733	95,173	38,923	56,250	102,726	42,375	60,351
80 +	70,320	25,461	44,859	69,368	24,947	44,421	68,844	24,656	44,188	69,400	24,881	44,519	71,375	25,766	45,609
Total	13,697,800	6,682,966	7,014,835	14,030,370	6,851,920	7,178,450	14,369,183	7,024,009	7,345,174	14,714,038	7,199,135	7,514,903	15,064,603	7,377,137	7,687,466

5 year age group	2028			2029			2030			2031			2032		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	2,049,763	1,037,180	1,012,583	2,082,456	1,053,842	1,028,614	2,113,304	1,069,546	1,043,758	2,142,154	1,084,219	1,057,935	2,168,909	1,097,819	1,071,090
5-9	1,850,593	934,739	915,853	1,887,200	953,472	933,728	1,923,790	972,199	951,592	1,960,192	990,828	969,364	1,996,048	1,009,172	986,876
10-14	1,658,880	836,348	822,532	1,695,885	855,234	840,651	1,732,621	874,003	858,618	1,769,258	892,737	876,521	1,805,936	911,498	894,438
15-19	1,496,706	746,150	750,556	1,515,320	757,394	757,925	1,541,104	772,279	768,825	1,573,837	790,694	783,143	1,613,269	812,506	800,763
20-24	1,496,293	741,971	754,322	1,498,879	743,562	755,317	1,493,745	741,154	752,591	1,484,141	736,446	747,695	1,473,339	731,143	742,196
25-29	1,273,534	625,189	648,345	1,327,156	652,846	674,310	1,381,425	680,949	700,476	1,430,164	706,219	723,945	1,468,496	726,084	742,412
30-34	1,090,707	532,642	558,066	1,113,218	543,778	569,440	1,139,727	556,733	582,994	1,172,473	572,929	599,544	1,212,502	593,094	619,408
35-39	997,270	480,983	516,287	1,010,382	488,241	522,142	1,024,158	496,309	527,848	1,039,663	505,209	534,455	1,057,772	515,011	542,761
40-44	904,508	441,081	463,426	923,320	448,595	474,725	940,141	454,837	485,304	955,401	460,629	494,772	969,577	466,637	502,940
45-49	756,642	365,585	391,056	789,858	383,445	406,413	818,357	398,559	419,798	843,585	411,467	432,118	866,662	422,629	444,033
50-54	510,183	233,365	276,818	555,930	257,605	298,324	605,947	284,407	321,540	654,882	310,714	344,168	698,832	334,290	364,542
55-59	386,964	174,663	212,302	397,343	178,406	218,937	409,632	183,168	226,464	427,904	191,366	236,538	454,750	204,545	250,205
60-64	302,051	135,360	166,691	313,233	140,707	172,526	327,263	147,225	180,038	341,639	153,671	187,968	354,784	159,286	195,498
65-69	275,857	120,368	155,489	273,971	119,818	154,153	270,077	118,438	151,640	267,678	117,722	149,955	269,195	118,696	150,499
70-74	185,970	79,269	106,701	200,769	85,676	115,093	215,417	92,018	123,400	227,280	97,176	130,104	234,730	100,469	134,261
75-79	109,006	45,165	63,841	114,440	47,505	66,934	119,885	49,794	70,091	126,475	52,551	73,924	134,832	56,061	78,772
80 +	74,756	27,298	47,458	79,232	29,321	49,910	84,440	31,651	52,789	89,947	34,070	55,877	95,510	36,459	59,051
Total	15,419,682	7,557,355	7,862,327	15,778,592	7,739,448	8,039,144	16,141,033	7,923,267	8,217,766	16,506,671	8,108,646	8,398,026	16,875,142	8,295,400	8,579,742

Table 35:   Projections of the total population, 2012-2032 according to the medium projections scenario

5 year age group	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,540,404	770,350	770,055	1,553,626	778,841	774,785	1,572,061	789,951	782,110	1,595,359	803,509	791,850	1,623,164	819,331	803,832
5-9	1,531,050	762,056	768,994	1,532,645	763,118	769,526	1,526,411	760,099	766,312	1,515,688	754,747	760,941	1,503,836	748,810	755,026
10-14	1,310,118	646,675	663,444	1,364,300	674,724	689,576	1,419,149	703,232	715,916	1,468,321	728,814	739,507	1,506,822	748,820	758,002
15-19	1,129,941	555,677	574,264	1,152,285	566,740	585,545	1,178,767	579,696	599,071	1,211,694	596,017	615,677	1,252,138	616,454	635,684
20-24	1,037,841	504,153	533,688	1,050,502	511,204	539,298	1,063,880	519,110	544,770	1,079,075	527,891	551,185	1,096,983	537,619	559,365
25-29	946,514	464,622	481,892	965,161	471,991	493,170	981,733	478,024	503,710	996,699	483,591	513,108	1,010,566	489,394	521,172
30-34	799,064	388,671	410,393	833,196	407,144	426,051	862,303	422,675	439,629	887,938	435,852	452,086	911,301	447,177	464,124
35-39	547,396	252,600	294,795	595,690	278,398	317,292	648,536	306,944	341,592	700,181	334,932	365,249	746,438	359,941	386,497
40-44	426,242	195,008	231,234	436,964	198,844	238,120	449,731	203,781	245,951	469,009	212,492	256,517	497,634	226,688	270,947
45-49	346,488	158,445	188,043	358,506	164,287	194,219	373,831	171,529	202,303	389,581	178,714	210,868	403,926	184,948	218,978
50-54	339,865	152,743	187,123	336,829	151,703	185,127	331,208	149,555	181,653	327,316	148,199	179,118	328,161	148,945	179,216
55-59	257,485	114,133	143,352	276,868	122,863	154,005	296,157	131,564	164,593	311,766	138,652	173,114	321,430	143,136	178,294
60-64	185,858	81,031	104,827	194,269	84,893	109,375	202,409	88,532	113,878	212,189	92,872	119,318	224,720	98,454	126,266
65-69	109,771	43,935	65,837	120,752	49,463	71,289	133,645	55,840	77,806	146,382	62,036	84,346	157,644	67,407	90,237
70-74	90,405	34,394	56,011	87,149	32,923	54,225	83,992	31,629	52,363	83,148	31,481	51,668	85,889	33,017	52,872
75-79	61,443	23,417	38,026	64,319	24,279	40,039	67,224	25,280	41,945	68,922	25,840	43,081	68,908	25,730	43,179
80 +	76,884	30,444	46,440	73,831	29,012	44,818	71,525	27,766	43,758	70,177	26,883	43,294	69,739	26,388	43,351
Total	10,736,771	5,178,354	5,558,417	10,996,891	5,310,430	5,686,461	11,262,564	5,445,206	5,817,359	11,533,445	5,582,519	5,950,925	11,809,300	5,722,258	6,087,041

5 year age group	2018			2019			2020			2021			2022		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,648,441	832,116	816,325	1,672,663	844,359	828,304	1,696,055	856,174	839,881	1,718,786	867,664	851,122	1,740,936	878,916	862,020
5-9	1,512,717	755,053	757,664	1,527,168	764,098	763,070	1,546,772	775,737	771,034	1,571,179	789,801	781,377	1,599,987	806,099	793,889
10-14	1,519,598	755,699	763,899	1,521,756	757,029	764,727	1,516,105	754,289	761,816	1,505,954	749,213	756,740	1,494,633	743,540	751,092
15-19	1,300,459	641,237	659,222	1,354,611	669,226	685,385	1,409,434	697,673	711,760	1,458,627	723,221	735,406	1,497,215	743,239	753,976
20-24	1,117,150	547,949	569,202	1,139,615	559,045	580,570	1,166,187	572,020	594,168	1,199,152	588,329	610,824	1,239,572	608,717	630,854
25-29	1,023,675	495,808	527,868	1,036,560	502,947	533,613	1,050,156	510,934	539,222	1,065,549	519,788	545,762	1,083,626	529,582	554,044
30-34	932,515	456,574	475,941	951,301	464,011	487,289	968,053	470,142	497,911	983,226	475,821	507,405	997,309	481,736	515,573
35-39	786,062	381,334	404,728	820,018	399,641	420,377	849,057	415,075	433,982	874,697	428,210	446,487	898,108	439,535	458,573
40-44	536,752	247,042	289,711	584,417	272,423	311,994	636,578	300,513	336,065	687,596	328,078	359,518	733,358	352,748	380,610
45-49	415,822	189,639	226,183	426,542	193,490	233,052	439,274	198,421	240,853	458,383	207,041	251,342	486,649	221,021	265,628
50-54	334,996	152,403	182,593	346,872	158,153	188,719	361,943	165,247	196,697	377,427	172,284	205,143	391,559	178,405	213,154
55-59	324,215	144,622	179,593	321,557	143,753	177,803	316,443	141,843	174,599	312,991	140,690	172,301	314,078	141,536	172,542
60-64	240,689	105,583	135,106	259,101	113,795	145,306	277,419	121,977	155,442	292,277	128,658	163,620	301,560	132,918	168,642
65-69	166,859	71,693	95,166	174,630	75,204	99,427	182,216	78,545	103,671	191,339	82,539	108,801	203,001	87,660	115,341
70-74	92,467	36,347	56,120	101,965	41,032	60,933	113,038	46,403	66,635	123,969	51,617	72,352	133,687	56,152	77,535
75-79	67,821	25,135	42,685	65,519	24,110	41,408	63,379	23,257	40,122	63,070	23,291	39,779	65,536	24,597	40,939
80 +	69,482	26,054	43,427	70,102	26,067	44,035	71,006	26,194	44,812	71,543	26,183	45,360	71,458	25,935	45,523
Total	12,089,721	5,864,287	6,225,434	12,374,397	6,008,384	6,366,013	12,663,116	6,154,445	6,508,671	12,955,763	6,302,425	6,653,338	13,252,272	6,452,337	6,799,935

Table 35: Projections of the total population, 2012-2032 according to the medium projections scenario (cont'd)

5 year age group	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
0-4	1,762,440	889,889	872,551	1,783,292	900,567	882,725	1,803,513	910,948	892,566	1,822,957	920,936	902,021	1,841,303	930,369	910,934
5-9	1,626,180	819,313	806,867	1,651,262	831,989	819,273	1,675,418	844,232	831,186	1,698,793	856,131	842,662	1,721,518	867,750	853,768
10-14	1,503,872	749,941	753,931	1,518,616	759,121	759,495	1,538,451	770,877	767,574	1,563,034	785,040	777,994	1,591,986	801,418	790,568
15-19	1,510,205	750,206	759,999	1,512,628	751,666	760,963	1,507,274	749,085	758,189	1,497,435	744,186	753,249	1,486,427	738,693	747,734
20-24	1,287,784	633,397	654,387	1,341,761	661,243	680,518	1,396,393	689,540	706,853	1,445,440	714,969	730,470	1,483,977	734,932	749,045
25-29	1,103,925	539,966	563,959	1,126,485	551,103	575,382	1,153,097	564,088	589,008	1,186,022	580,361	605,661	1,226,319	600,657	625,662
30-34	1,010,624	488,247	522,376	1,023,697	495,469	528,228	1,037,452	503,519	533,934	1,052,970	512,419	540,551	1,071,132	522,242	548,890
35-39	919,397	448,964	470,433	938,284	456,462	481,821	955,153	462,672	492,481	970,446	468,431	502,015	984,651	474,417	510,235
40-44	772,623	373,886	398,737	806,332	392,011	414,321	835,213	407,324	427,889	860,753	420,384	440,369	884,101	431,666	452,435
45-49	525,186	241,015	284,171	572,096	265,923	306,173	623,421	293,485	329,936	673,642	320,544	353,098	718,735	344,786	373,949
50-54	403,323	183,036	220,288	413,962	186,862	227,100	426,573	191,744	234,829	445,398	200,210	245,188	473,137	213,875	259,262
55-59	320,891	144,955	175,936	332,525	150,548	181,977	347,215	157,415	189,801	362,299	164,223	198,077	376,088	170,154	205,933
60-64	304,391	134,393	169,998	302,135	133,691	168,444	297,602	132,036	165,566	294,660	131,099	163,560	296,000	132,032	163,967
65-69	217,791	94,163	123,628	234,793	101,627	133,166	251,686	109,048	142,637	265,405	115,107	150,298	274,029	118,985	155,044
70-74	141,711	59,797	81,914	148,567	62,818	85,750	155,339	65,726	89,614	163,493	69,208	94,285	173,862	73,656	100,206
75-79	70,917	27,231	43,685	78,487	30,852	47,635	87,221	34,957	52,264	95,822	38,923	56,899	103,493	42,375	61,118
80 +	70,775	25,461	45,314	69,936	24,947	44,989	69,522	24,656	44,866	70,190	24,881	45,308	72,285	25,766	46,519
Total	13,552,035	6,603,862	6,948,173	13,854,858	6,756,900	7,097,958	14,160,545	6,911,352	7,249,192	14,468,760	7,067,053	7,401,707	14,779,042	7,223,773	7,555,269

5 year age group	2028 Both sexes	Male	Female	2029 Both sexes	Male	Female	2030 Both sexes	Male	Female	2031 Both sexes	Male	Female	2032 Both sexes	Male	Female
0-4	1,857,849	938,863	918,986	1,872,087	946,164	925,924	1,883,827	952,176	931,651	1,892,936	956,838	936,098	1,899,338	960,118	939,221
5-9	1,743,614	879,094	864,520	1,765,068	890,145	874,923	1,785,900	900,895	885,005	1,805,957	911,245	894,712	1,824,905	921,017	903,888
10-14	1,618,340	814,730	803,610	1,643,593	827,505	816,088	1,667,925	839,848	828,077	1,691,478	851,845	839,633	1,714,382	863,557	850,825
15-19	1,495,846	745,183	750,663	1,510,742	754,434	756,308	1,530,701	766,241	764,461	1,555,379	780,434	774,945	1,584,397	796,821	787,577
20-24	1,497,130	741,977	755,153	1,499,820	743,579	756,241	1,494,806	741,187	753,619	1,485,345	736,500	748,845	1,474,722	731,221	743,502
25-29	1,274,338	625,194	649,144	1,328,075	652,862	675,213	1,382,477	680,983	701,494	1,431,364	706,277	725,087	1,469,857	726,173	743,684
30-34	1,091,497	532,646	558,851	1,114,104	543,792	570,312	1,140,724	556,762	583,962	1,173,599	572,978	600,621	1,213,779	593,171	620,608
35-39	998,094	480,987	517,107	1,011,296	488,255	523,041	1,025,172	496,337	528,835	1,040,791	505,256	535,535	1,059,029	515,083	543,946
40-44	905,372	441,086	464,286	924,288	448,610	475,678	941,224	454,866	486,358	956,610	460,678	495,932	970,923	466,711	504,212
45-49	757,491	365,590	391,901	790,828	383,459	407,369	819,456	398,588	420,868	844,823	411,517	433,307	868,053	422,705	445,348
50-54	510,871	233,368	277,503	556,750	257,616	299,133	606,924	284,431	322,492	656,036	310,758	345,278	700,177	334,360	365,817
55-59	387,617	174,666	212,952	398,087	178,416	219,671	410,479	183,187	227,291	428,875	191,399	237,476	455,876	204,599	251,277
60-64	302,737	135,364	167,373	314,011	140,717	173,294	328,155	147,246	180,909	342,663	153,707	188,956	355,952	159,341	196,611
65-69	276,803	120,372	156,431	274,998	119,830	155,168	271,182	118,461	152,721	268,866	117,760	151,107	270,490	118,751	151,739
70-74	186,942	79,273	107,669	201,916	85,688	116,228	216,763	92,044	124,720	228,833	97,220	131,612	236,481	100,537	135,945
75-79	109,898	45,168	64,730	115,467	47,515	67,952	121,061	49,814	71,247	127,825	52,585	75,240	136,392	56,114	80,278
80 +	75,812	27,301	48,511	80,461	29,329	51,133	85,872	31,667	54,205	91,610	34,099	57,511	97,430	36,504	60,926
Total	15,090,251	7,380,861	7,709,390	15,401,591	7,537,917	7,863,674	15,712,645	7,694,732	8,017,913	16,022,989	7,851,095	8,171,895	16,332,184	8,006,781	8,325,403

Table 36: Projections of the total population, 2012-2032 according to the low projections scenario

5 year age group	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,534,273	767,262	767,011	1,534,992	769,462	765,530	1,534,273	770,935	763,338	1,531,449	771,349	760,100	1,525,769	770,318	755,451
5-9	1,531,071	762,069	769,002	1,532,712	763,159	769,552	1,526,555	760,187	766,368	1,515,949	754,906	761,042	1,504,279	749,083	755,196
10-14	1,310,127	646,680	663,447	1,364,329	674,742	689,588	1,419,211	703,270	715,941	1,468,434	728,882	739,552	1,507,005	748,931	758,074
15-19	1,129,949	555,682	574,267	1,152,308	566,754	585,554	1,178,814	579,724	599,090	1,211,773	596,063	615,710	1,252,261	616,527	635,734
20-24	1,037,850	504,159	533,691	1,050,529	511,222	539,308	1,063,934	519,145	544,790	1,079,165	527,947	551,218	1,097,118	537,703	559,415
25-29	946,523	464,628	481,895	965,189	472,008	493,181	981,790	478,059	503,731	996,794	483,651	513,144	1,010,711	489,484	521,227
30-34	799,073	388,676	410,397	833,222	407,160	426,062	862,358	422,708	439,650	888,032	435,908	452,123	911,444	447,264	464,180
35-39	547,402	252,604	294,798	595,711	278,410	317,301	648,582	306,971	341,611	700,264	334,980	365,284	746,569	360,018	386,551
40-44	426,248	195,012	231,236	436,982	198,855	238,127	449,768	203,802	245,966	469,071	212,528	256,543	497,733	226,745	270,988
45-49	346,493	158,448	188,045	358,523	164,297	194,225	373,865	171,549	202,316	389,640	178,750	210,890	404,016	185,003	219,013
50-54	339,871	152,746	187,125	336,847	151,714	185,133	331,242	149,577	181,666	327,372	148,233	179,139	328,244	148,996	179,248
55-59	257,491	114,137	143,354	276,886	122,874	154,012	296,195	131,586	164,608	311,832	138,691	173,140	321,530	143,196	178,334
60-64	185,863	81,034	104,829	194,286	84,903	109,383	202,444	88,552	113,892	212,248	92,906	119,343	224,812	98,508	126,305
65-69	109,776	43,937	65,839	120,766	49,470	71,295	133,676	55,856	77,820	146,437	62,066	84,371	157,731	67,455	90,276
70-74	90,410	34,396	56,013	87,164	32,931	54,233	84,020	31,643	52,377	83,192	31,503	51,690	85,956	33,051	52,905
75-79	61,448	23,420	38,028	64,333	24,287	40,047	67,255	25,295	41,960	68,972	25,866	43,106	68,983	25,767	43,216
80 +	76,891	30,448	46,443	73,850	29,023	44,827	71,563	27,787	43,776	70,239	26,917	43,322	69,831	26,437	43,394
Total	10,730,760	5,175,338	5,555,422	10,978,629	5,301,271	5,677,358	11,225,545	5,426,644	5,798,901	11,470,864	5,551,147	5,919,716	11,713,993	5,674,487	6,039,506

5 year age group	2018			2019			2020			2021			2022		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	1,515,811	765,322	750,489	1,502,994	758,864	744,130	1,487,372	750,984	736,388	1,477,459	746,045	731,414	1,473,748	744,299	729,449
5-9	1,507,396	752,447	754,950	1,509,811	755,458	754,353	1,510,777	757,745	753,031	1,509,571	758,961	750,610	1,505,384	758,676	746,708
10-14	1,519,864	755,855	764,008	1,522,130	757,245	764,885	1,516,612	754,580	762,032	1,506,620	749,601	757,019	1,495,517	744,062	751,455
15-19	1,300,639	641,342	659,297	1,354,862	669,370	685,492	1,409,773	697,867	711,907	1,459,064	723,472	735,592	1,497,767	743,558	754,209
20-24	1,117,342	548,067	569,275	1,139,875	559,203	580,671	1,166,526	572,224	594,303	1,199,580	588,587	610,994	1,240,105	609,039	631,066
25-29	1,023,881	495,935	527,946	1,036,839	503,119	533,721	1,050,519	511,155	539,363	1,066,004	520,067	545,938	1,084,185	529,925	554,260
30-34	932,720	456,697	476,023	951,581	464,178	487,403	968,421	470,358	498,063	983,686	476,094	507,593	997,875	482,072	515,803
35-39	786,255	381,446	404,809	820,286	399,796	420,491	849,413	415,279	434,134	875,148	428,471	446,677	898,668	439,862	458,806
40-44	536,900	247,126	289,774	584,632	272,545	312,087	636,879	300,683	336,196	687,999	328,306	359,693	733,881	353,045	380,836
45-49	415,949	189,715	226,234	426,716	193,591	233,125	439,503	198,551	240,953	458,681	207,207	251,474	487,035	221,235	265,801
50-54	335,113	152,475	182,639	347,033	158,249	188,784	362,159	165,373	196,786	377,710	172,445	205,265	391,919	178,606	213,314
55-59	324,355	144,705	179,650	321,740	143,860	177,880	316,674	141,976	174,698	313,280	140,851	172,429	314,434	141,731	172,703
60-64	240,825	105,661	135,164	259,295	113,904	145,391	277,686	122,124	155,562	292,635	128,848	163,787	302,016	133,154	168,862
65-69	166,986	71,763	95,224	174,808	75,300	99,508	182,455	78,671	103,784	191,662	82,701	108,962	203,426	87,866	115,560
70-74	92,566	36,397	56,169	102,109	41,105	61,004	113,246	46,507	66,739	124,269	51,759	72,510	134,094	56,338	77,756
75-79	67,923	25,186	42,737	65,650	24,174	41,476	63,545	23,334	40,211	63,291	23,384	39,907	65,827	24,714	41,113
80 +	69,611	26,122	43,488	70,277	26,157	44,120	71,242	26,310	44,932	71,877	26,326	45,550	71,899	26,107	45,791
Total	11,954,137	5,796,261	6,157,876	12,190,638	5,916,117	6,274,521	12,422,803	6,033,721	6,389,082	12,658,538	6,153,125	6,505,413	12,897,779	6,274,288	6,623,491

5 year age group	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
0-4	1,476,583	745,898	730,685	1,486,418	751,054	735,364	1,503,770	760,008	743,762	1,520,580	768,687	751,893	1,536,598	776,968	759,630
5-9	1,496,852	754,435	742,417	1,485,364	748,728	736,637	1,470,956	741,590	729,366	1,462,078	737,291	724,787	1,459,274	736,110	723,164
10-14	1,499,081	747,644	751,437	1,501,911	750,877	751,035	1,503,264	753,387	749,877	1,502,445	754,827	747,618	1,498,644	754,767	743,877
15-19	1,510,890	750,604	760,286	1,513,471	752,157	761,314	1,508,305	749,687	758,618	1,498,692	744,922	753,769	1,487,973	739,602	748,370
20-24	1,288,449	633,797	654,651	1,342,586	661,739	680,847	1,397,409	690,149	707,260	1,446,673	715,708	730,966	1,485,454	735,814	749,640
25-29	1,104,610	540,385	564,225	1,127,318	551,610	575,708	1,154,103	564,698	589,405	1,187,231	581,090	606,141	1,227,765	601,526	626,238
30-34	1,011,316	488,659	522,656	1,024,536	495,968	528,568	1,038,461	504,119	534,342	1,054,171	513,133	541,038	1,072,550	523,084	549,467
35-39	920,086	449,367	470,720	939,123	456,952	482,171	956,164	463,260	492,904	971,651	469,129	502,522	986,071	475,237	510,834
40-44	773,287	374,264	399,023	807,160	392,483	414,677	836,227	407,902	428,325	861,976	421,081	440,894	885,557	432,496	453,061
45-49	525,692	241,294	284,398	572,759	266,288	306,471	624,280	293,960	330,321	674,735	321,148	353,586	720,090	345,537	374,553
50-54	403,774	183,282	220,493	414,518	187,160	227,358	427,253	192,103	235,150	446,231	200,645	245,586	474,166	214,411	259,755
55-59	321,333	145,193	176,140	333,076	150,840	182,236	347,901	157,773	190,128	363,141	164,657	198,484	377,104	170,673	206,432
60-64	304,953	134,678	170,275	302,807	134,026	168,781	298,390	132,424	165,966	295,573	131,546	164,028	297,062	132,548	164,514
65-69	218,350	94,427	123,923	235,521	101,964	133,557	252,616	109,471	143,144	266,561	115,625	150,935	275,419	119,602	155,817
70-74	142,245	60,034	82,211	149,248	63,111	86,137	156,190	66,085	90,105	164,545	69,646	94,899	175,158	74,189	100,969
75-79	71,307	27,384	43,923	79,014	31,056	47,958	87,924	35,227	52,697	96,737	39,272	57,465	104,646	42,812	61,835
80 +	71,337	25,665	45,672	70,632	25,185	45,448	70,370	24,933	45,437	71,217	25,205	46,012	73,531	26,151	47,380
Total	13,140,145	6,397,010	6,743,136	13,385,465	6,521,199	6,864,266	13,633,582	6,646,776	6,986,806	13,884,236	6,773,612	7,110,624	14,137,062	6,901,524	7,235,538

5 year age group	2028 Both sexes	Male	Female	2029 Both sexes	Male	Female	2030 Both sexes	Male	Female	2031 Both sexes	Male	Female	2032 Both sexes	Male	Female
0-4	1,551,202	784,524	766,678	1,563,910	791,112	772,798	1,574,410	796,557	777,853	1,582,385	800,662	781,722	1,587,647	803,343	784,304
5-9	1,462,940	738,229	724,711	1,473,543	743,868	729,675	1,491,592	753,259	738,333	1,509,037	762,324	746,713	1,525,589	770,913	754,676
10-14	1,490,500	750,758	739,742	1,479,393	745,279	734,115	1,465,351	738,358	726,992	1,456,777	734,235	722,542	1,454,215	733,187	721,028
15-19	1,491,810	743,330	748,480	1,494,899	746,699	748,200	1,496,498	749,339	747,160	1,495,913	750,897	745,016	1,492,334	750,945	741,389
20-24	1,498,842	743,000	755,841	1,501,770	744,750	757,020	1,497,000	742,510	754,490	1,487,796	737,982	749,814	1,477,471	732,890	744,581
25-29	1,276,046	626,222	649,824	1,330,071	654,068	676,003	1,384,780	682,382	702,398	1,433,979	707,872	726,107	1,472,776	727,959	744,816
30-34	1,093,145	533,625	559,520	1,115,994	544,918	571,076	1,142,872	558,047	584,825	1,176,023	574,434	601,589	1,216,501	594,812	621,690
35-39	999,738	481,939	517,799	1,013,173	489,348	523,825	1,027,290	497,581	529,709	1,043,157	506,654	536,503	1,061,651	516,640	545,011
40-44	907,069	442,054	465,014	926,232	449,722	476,510	943,420	456,127	487,293	959,059	462,089	496,970	973,626	468,275	505,351
45-49	759,121	366,498	392,623	792,741	384,534	408,207	821,657	399,835	421,821	847,317	412,943	434,375	870,845	424,314	446,531
50-54	512,138	234,033	278,105	558,301	258,442	299,859	608,806	285,450	323,356	658,284	311,998	346,287	702,811	335,838	366,973
55-59	388,810	175,270	213,540	399,458	179,110	220,349	412,044	183,981	228,063	430,671	192,321	238,350	457,960	205,689	252,271
60-64	303,968	135,962	168,006	315,434	141,413	174,022	329,798	148,057	181,741	344,550	154,652	189,898	358,097	160,434	197,663
65-69	278,399	121,080	157,319	276,767	120,619	156,147	273,102	119,330	153,772	270,950	118,726	152,224	272,773	119,842	152,931
70-74	188,517	79,919	108,598	203,806	86,468	117,338	218,997	92,977	126,020	231,423	98,329	133,094	239,413	101,831	137,582
75-79	111,291	45,695	65,596	117,097	48,135	68,962	122,939	50,538	72,402	129,995	53,446	76,550	138,915	57,153	81,763
80 +	77,306	27,761	49,545	82,236	29,880	52,355	87,966	32,332	55,634	94,071	34,912	59,159	100,307	37,503	62,804
Total	14,390,839	7,029,899	7,360,940	14,644,825	7,158,365	7,486,459	14,898,523	7,286,659	7,611,864	15,151,388	7,414,475	7,736,913	15,402,934	7,541,570	7,861,364

Table 37: Projections of the urban population, 2012-2032 according to the high projections scenario

5 year age group	2013			2014			2015			2016			2017		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	236,920	111,271	125,650	249,093	117,273	131,820	262,732	124,002	138,730	277,924	131,502	146,423	294,758	139,812	154,946
5-9	211,298	98,821	112,477	220,119	102,959	117,160	227,833	106,562	121,271	234,816	109,818	124,997	241,520	112,952	128,568
10-14	191,522	87,567	103,954	207,449	95,032	112,416	224,149	102,893	121,256	240,597	110,644	129,953	255,845	117,819	138,026
15-19	202,429	88,038	114,390	214,400	93,292	121,108	227,494	99,021	128,473	242,235	105,519	136,716	258,962	112,985	145,977
20-24	236,704	114,236	122,468	248,276	119,961	128,314	260,201	125,999	134,202	272,769	132,372	140,397	286,251	139,116	147,135
25-29	222,153	114,861	107,292	234,607	120,722	113,885	246,812	126,341	120,472	258,846	131,916	126,930	270,807	137,629	133,178
30-34	173,574	91,610	81,964	187,691	99,341	88,349	201,148	106,626	94,522	214,184	113,542	100,643	227,005	120,160	106,845
35-39	110,573	56,610	53,963	124,975	64,622	60,353	141,124	73,704	67,420	157,797	83,096	74,701	173,967	92,163	81,805
40-44	76,056	39,432	36,624	80,924	41,689	39,235	86,341	44,242	42,100	93,266	47,715	45,552	102,439	52,588	49,851
45-49	53,088	27,568	25,520	57,128	29,677	27,451	61,865	32,129	29,736	66,859	34,669	32,190	71,788	37,116	34,672
50-54	43,193	21,842	21,351	44,576	22,556	22,021	45,585	23,091	22,494	46,792	23,733	23,059	48,667	24,712	23,955
55-59	29,804	14,563	15,241	33,388	16,312	17,076	37,158	18,152	19,006	40,645	19,856	20,789	43,491	21,252	22,239
60-64	20,539	9,639	10,900	22,374	10,512	11,862	24,260	11,397	12,863	26,432	12,415	14,017	29,059	13,651	15,408
65-69	12,202	4,967	7,235	13,991	5,822	8,168	16,118	6,836	9,282	18,350	7,888	10,462	20,515	8,893	11,622
70-74	9,452	3,512	5,940	9,499	3,502	5,997	9,531	3,500	6,030	9,808	3,621	6,187	10,517	3,942	6,575
75-79	6,642	2,348	4,294	7,249	2,537	4,713	7,887	2,748	5,139	8,406	2,920	5,486	8,726	3,018	5,707
80 +	8,216	2,673	5,544	8,230	2,655	5,575	8,310	2,646	5,664	8,487	2,664	5,822	8,766	2,717	6,049
Total	1,844,364	889,557	954,807	1,963,969	948,465	1,015,504	2,088,549	1,009,889	1,078,660	2,218,213	1,073,888	1,144,325	2,353,085	1,140,525	1,212,560

5 year age group	2018			2019			2020			2021			2022		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-4	311,812	147,943	163,869	329,281	156,284	172,997	347,199	164,848	182,351	365,595	173,641	191,954	384,512	182,679	201,833
5-9	251,878	118,117	133,761	263,710	124,013	139,697	277,092	130,672	146,420	292,103	138,130	153,974	308,825	146,419	162,406
10-14	267,095	123,116	143,979	276,619	127,585	149,035	284,745	131,383	153,362	291,962	134,745	157,217	298,853	137,951	160,901
15-19	277,940	121,559	156,381	298,874	131,093	167,782	320,718	141,088	179,630	342,013	150,846	191,167	361,453	159,742	201,711
20-24	300,630	146,182	154,448	315,956	153,620	162,336	332,793	161,754	171,039	351,899	171,041	180,858	373,748	181,778	191,970
25-29	282,805	143,616	139,189	294,954	149,916	145,038	307,507	156,575	150,931	320,786	163,612	157,174	335,099	171,066	164,033
30-34	239,611	126,433	113,177	251,866	132,295	119,571	263,833	137,882	125,951	275,606	143,409	132,197	287,311	149,076	138,235
35-39	189,233	100,677	88,556	203,677	108,691	94,986	217,348	116,183	101,166	230,521	123,242	107,280	243,431	129,954	113,477
40-44	114,320	59,153	55,167	128,688	67,265	61,423	144,779	76,443	68,336	161,336	85,897	75,439	177,317	94,972	82,345
45-49	76,439	39,334	37,105	81,009	41,439	39,570	86,122	43,838	42,284	92,727	47,143	45,584	101,545	51,821	49,724
50-54	51,486	26,172	25,313	55,192	28,086	27,107	59,561	30,318	29,243	64,165	32,625	31,539	68,699	34,839	33,860
55-59	45,484	22,242	23,242	46,728	22,880	23,848	47,589	23,341	24,248	48,668	23,914	24,754	50,448	24,828	25,621
60-64	32,277	15,171	17,106	35,997	16,928	19,069	39,891	18,768	21,123	43,458	20,457	23,001	46,323	21,820	24,503
65-69	22,517	9,804	12,713	24,412	10,650	13,761	26,360	11,509	14,852	28,618	12,501	16,117	31,363	13,711	17,651
70-74	11,740	4,501	7,239	13,409	5,265	8,144	15,382	6,163	9,219	17,441	7,091	10,350	19,428	7,971	11,457
75-79	8,908	3,058	5,850	8,916	3,040	5,877	8,926	3,036	5,890	9,180	3,145	6,035	9,842	3,432	6,410
80 +	9,064	2,784	6,280	9,480	2,888	6,592	9,942	3,006	6,936	10,360	3,110	7,250	10,687	3,186	7,502
Total	2,493,238	1,209,862	1,283,376	2,638,769	1,281,937	1,356,832	2,789,790	1,356,809	1,432,981	2,946,439	1,434,549	1,511,889	3,108,884	1,515,244	1,593,640

Table 37: Projections of the urban population, 2012-2032 according to the high projections scenario (cont'd)

5 year age group	2023 Both sexes	2023 Male	2023 Female	2024 Both sexes	2024 Male	2024 Female	2025 Both sexes	2025 Male	2025 Female	2026 Both sexes	2026 Male	2026 Female	2027 Both sexes	2027 Male	2027 Female
0-4	404,019	191,972	212,047	424,038	201,508	222,529	444,596	211,304	233,292	465,688	221,357	244,331	487,261	231,649	255,612
5-9	325,763	154,474	171,289	343,109	162,725	180,383	360,917	171,201	189,717	379,248	179,930	199,318	398,157	188,942	209,215
10-14	310,266	143,617	166,649	323,454	150,139	173,315	338,509	157,565	180,944	355,541	165,949	189,593	374,647	175,338	199,309
15-19	375,165	166,027	209,138	386,393	171,158	215,235	395,662	175,386	220,276	403,709	179,057	224,652	411,366	182,564	228,802
20-24	398,691	194,146	204,545	426,218	207,879	218,339	454,827	222,189	232,638	482,477	236,006	246,471	507,379	248,401	258,977
25-29	350,421	178,863	171,558	366,777	187,061	179,716	384,844	196,072	188,772	405,526	206,464	199,062	429,375	218,601	210,774
30-34	299,078	155,019	144,059	311,005	161,280	149,724	323,377	167,926	155,451	336,553	174,995	161,558	350,866	182,544	168,322
35-39	256,092	136,264	119,828	268,347	142,109	126,239	280,292	147,656	132,636	292,061	153,160	138,901	303,808	158,846	144,961
40-44	192,337	103,439	88,899	206,481	111,358	95,123	219,827	118,729	101,098	232,680	125,665	107,015	245,297	132,271	113,026
45-49	113,020	58,143	54,877	126,908	65,957	60,951	142,458	74,793	67,665	158,446	83,885	74,561	173,873	92,611	81,262
50-54	72,969	36,833	36,136	77,162	38,718	38,443	81,877	40,882	40,995	88,019	43,901	44,118	96,267	48,208	48,059
55-59	53,209	26,222	26,987	56,878	28,063	28,815	61,222	30,217	31,005	65,807	32,445	33,362	70,327	34,582	35,745
60-64	48,276	22,761	25,515	49,440	23,342	26,098	50,215	23,750	26,465	51,239	24,281	26,958	53,020	25,167	27,853
65-69	34,734	15,200	19,534	38,626	16,917	21,709	42,685	18,706	23,978	46,377	20,338	26,040	49,314	21,643	27,671
70-74	21,259	8,765	12,494	22,993	9,500	13,493	24,788	10,249	14,539	26,886	11,122	15,764	29,451	12,192	17,259
75-79	10,977	3,923	7,054	12,515	4,587	7,928	14,320	5,359	8,961	16,195	6,150	10,045	18,004	6,898	11,106
80 +	10,922	3,232	7,690	11,127	3,269	7,858	11,395	3,334	8,061	11,840	3,470	8,370	12,538	3,704	8,834
Total	3,277,199	1,598,900	1,678,299	3,451,471	1,685,572	1,765,899	3,631,811	1,775,318	1,856,493	3,818,293	1,868,176	1,950,117	4,010,951	1,964,163	2,046,788

5 year age group	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
0-4	509,214	242,142	267,071	531,298	252,708	278,590	553,435	263,310	290,125	575,547	273,914	301,633	597,566	284,491	313,075
5-9	417,703	198,280	219,423	437,797	207,893	229,904	458,445	217,786	240,659	479,608	227,940	251,668	501,195	238,314	262,881
10-14	394,003	184,477	209,526	413,809	193,847	219,963	434,112	203,471	230,642	454,954	213,371	241,583	476,370	223,564	252,806
15-19	425,221	189,372	235,849	441,456	197,304	244,151	460,145	206,400	253,744	481,379	216,706	264,673	505,233	228,259	276,975
20-24	524,139	256,723	267,416	537,370	263,241	274,129	547,823	268,352	279,471	556,522	272,586	283,936	564,604	276,531	288,073
25-29	456,764	232,711	224,053	487,053	248,421	238,632	518,482	264,768	253,714	548,689	280,462	268,227	575,616	294,389	281,228
30-34	366,276	190,515	175,761	382,778	198,931	183,847	401,057	208,216	192,841	422,029	218,960	203,070	446,237	231,525	214,713
35-39	315,666	164,879	150,787	327,714	171,268	156,446	340,235	178,074	162,160	353,580	185,325	168,255	368,072	193,066	175,007
40-44	257,692	138,510	119,182	269,691	144,295	125,397	281,380	149,789	131,591	292,884	155,243	137,641	304,343	160,875	143,469
45-49	188,370	100,767	87,603	202,016	108,401	93,615	214,884	115,511	99,373	227,262	122,199	105,063	239,387	128,560	110,828
50-54	107,029	54,058	52,971	120,059	61,296	58,763	134,642	69,481	65,161	149,618	77,901	71,717	164,043	85,976	78,067
55-59	74,586	36,510	38,076	78,772	38,337	40,436	83,491	40,443	43,048	89,649	43,396	46,252	97,921	47,620	50,301
60-64	55,838	26,549	29,289	59,604	28,382	31,221	64,065	30,528	33,537	68,764	32,741	36,023	73,381	34,856	38,524
65-69	51,282	22,535	28,747	52,421	23,077	29,344	53,160	23,456	29,703	54,173	23,964	30,210	55,990	24,824	31,166
70-74	32,607	13,513	19,094	36,244	15,034	21,210	40,018	16,613	23,405	43,428	18,043	25,385	46,110	19,177	26,933
75-79	19,673	7,572	12,101	21,260	8,199	13,061	22,914	8,843	14,071	24,860	9,599	15,261	27,241	10,528	16,713
80 +	13,509	4,045	9,465	14,719	4,475	10,243	16,118	4,974	11,143	17,636	5,511	12,125	19,232	6,067	13,165
Total	4,209,573	2,063,158	2,146,415	4,414,061	2,165,111	2,248,950	4,624,406	2,270,016	2,354,390	4,840,581	2,377,860	2,462,721	5,062,543	2,488,620	2,573,923

Table 38: Projections of the urban population, 2012-2032 according to the medium projections scenario

5 year age group	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
0-4	236,616	111,120	125,495	248,129	116,798	131,331	260,696	123,000	137,696	274,345	129,742	144,603	289,098	137,035	152,063
5-9	211,296	98,818	112,478	220,112	102,949	117,163	227,822	106,543	121,279	234,799	109,785	125,013	241,500	112,901	128,599
10-14	191,519	87,565	103,954	207,440	95,023	112,417	224,132	102,874	121,257	240,567	110,610	129,956	255,798	117,766	138,032
15-19	202,426	88,036	114,390	214,392	93,284	121,108	227,477	99,003	128,474	242,204	105,487	136,717	258,914	112,934	145,980
20-24	236,700	114,232	122,468	248,265	119,950	128,315	260,180	125,976	134,204	272,732	132,332	140,400	286,194	139,054	147,140
25-29	222,149	114,857	107,292	234,597	120,711	113,886	246,792	126,317	120,474	258,810	131,876	126,935	270,753	137,567	133,186
30-34	173,572	91,608	81,964	187,683	99,332	88,351	201,132	106,607	94,525	214,155	113,507	100,648	226,960	120,107	106,854
35-39	110,572	56,608	53,964	124,970	64,616	60,354	141,113	73,690	67,423	157,777	83,071	74,706	173,935	92,121	81,814
40-44	76,055	39,431	36,624	80,921	41,685	39,236	86,335	44,234	42,102	93,256	47,700	45,555	102,422	52,564	49,857
45-49	53,088	27,567	25,521	57,126	29,674	27,452	61,861	32,123	29,738	66,852	34,659	32,193	71,776	37,099	34,677
50-54	43,192	21,841	21,351	44,575	22,553	22,022	45,583	23,087	22,496	46,788	23,726	23,062	48,660	24,701	23,959
55-59	29,804	14,562	15,242	33,387	16,310	17,077	37,156	18,148	19,008	40,643	19,850	20,793	43,487	21,243	22,244
60-64	20,539	9,639	10,900	22,374	10,511	11,863	24,260	11,395	12,865	26,432	12,411	14,021	29,059	13,645	15,414
65-69	12,202	4,967	7,235	13,991	5,822	8,169	16,118	6,834	9,284	18,351	7,886	10,466	20,517	8,889	11,628
70-74	9,452	3,512	5,941	9,500	3,502	5,998	9,532	3,500	6,033	9,811	3,620	6,191	10,521	3,940	6,581
75-79	6,642	2,348	4,294	7,250	2,536	4,714	7,889	2,748	5,141	8,409	2,919	5,490	8,731	3,017	5,714
80 +	8,217	2,673	5,544	8,232	2,655	5,577	8,312	2,645	5,667	8,491	2,663	5,828	8,773	2,715	6,058
Total	1,844,040	889,382	954,658	1,962,945	947,912	1,015,033	2,086,390	1,008,724	1,077,666	2,214,421	1,071,844	1,142,578	2,347,098	1,137,299	1,209,799

5 year age group	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
0-4	303,818	144,018	159,800	318,688	151,077	167,611	333,728	158,216	175,512	348,948	165,437	183,511	364,355	172,748	191,607
5-9	251,534	117,889	133,645	262,668	123,421	139,247	274,921	129,502	145,419	288,312	136,139	152,173	302,851	143,333	159,518
10-14	267,027	123,038	143,989	276,524	127,475	149,049	284,620	131,236	153,384	291,805	134,555	157,250	298,661	137,712	160,949
15-19	277,866	121,482	156,385	298,766	130,980	167,785	320,565	140,931	179,634	341,805	150,633	191,171	361,179	159,465	201,714
20-24	300,544	146,090	154,455	315,833	153,489	162,344	332,622	161,574	171,048	351,668	170,800	180,868	373,442	181,463	191,979
25-29	282,724	143,525	139,199	294,839	149,787	145,051	307,348	156,401	150,948	320,574	163,381	157,193	334,823	170,769	164,055
30-34	239,543	126,353	113,190	251,770	132,182	119,588	263,701	137,728	125,973	275,431	143,207	132,224	287,084	148,817	138,267
35-39	189,183	100,614	88,569	203,602	108,598	95,004	217,244	116,053	101,191	230,380	123,068	107,312	243,244	129,728	113,516
40-44	114,292	59,115	55,177	128,645	67,207	61,438	144,715	76,358	68,357	161,243	85,776	75,467	177,190	94,807	82,383
45-49	76,421	39,309	37,113	80,984	41,404	39,580	86,088	43,789	42,299	92,680	47,077	45,603	101,481	51,731	49,750
50-54	51,475	26,156	25,319	55,177	28,062	27,115	59,538	30,284	29,255	64,134	32,579	31,555	68,660	34,779	33,881
55-59	45,478	22,228	23,249	46,719	22,860	23,859	47,577	23,315	24,262	48,651	23,880	24,771	50,428	24,785	25,644
60-64	32,276	15,161	17,115	35,996	16,914	19,082	39,889	18,747	21,141	43,455	20,428	23,027	46,320	21,782	24,538
65-69	22,520	9,798	12,723	24,417	10,641	13,776	26,368	11,496	14,872	28,629	12,483	16,145	31,378	13,688	17,691
70-74	11,746	4,498	7,248	13,417	5,260	8,157	15,394	6,157	9,238	17,458	7,081	10,378	19,454	7,957	11,497
75-79	8,916	3,056	5,860	8,927	3,037	5,890	8,940	3,032	5,908	9,198	3,140	6,058	9,869	3,426	6,443
80 +	9,075	2,782	6,293	9,495	2,885	6,610	9,964	3,003	6,961	10,391	3,106	7,285	10,733	3,180	7,553
Total	2,484,438	1,205,111	1,279,327	2,626,466	1,275,280	1,351,186	2,773,222	1,347,823	1,425,399	2,924,764	1,422,772	1,501,991	3,081,153	1,500,168	1,580,985

Table 38: Projections of the urban population, 2012-2032 according to the medium projections scenario (cont'd)

5 year age group	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
0-4	379,990	180,158	199,833	395,791	187,647	208,144	411,773	195,224	216,549	427,917	202,877	225,040	444,154	210,576	233,578
5-9	317,344	150,166	167,179	331,970	157,058	174,913	346,767	164,033	182,734	361,771	171,114	190,657	377,020	178,322	198,698
10-14	309,641	143,131	166,510	321,935	149,182	172,753	335,574	155,881	179,693	350,596	163,250	187,346	367,024	171,301	195,723
15-19	374,818	165,680	209,138	385,968	170,736	215,232	395,155	174,883	220,273	403,120	178,468	224,652	410,698	181,883	228,815
20-24	398,291	193,740	204,551	425,705	207,366	218,339	454,181	221,552	232,629	481,683	235,230	246,453	506,423	247,475	258,948
25-29	350,069	178,489	171,580	366,336	186,600	179,736	384,298	195,509	188,789	404,858	205,785	199,073	428,565	217,785	210,779
30-34	298,788	154,696	144,093	310,642	160,883	149,759	322,929	167,445	155,485	336,010	174,419	161,591	350,216	181,864	168,353
35-39	255,850	135,979	119,871	268,043	141,758	126,285	279,917	147,232	132,684	291,607	152,656	138,951	303,266	158,254	145,012
40-44	192,167	103,223	88,944	206,259	111,083	95,176	219,545	118,389	101,157	232,331	125,252	107,079	244,872	131,778	113,094
45-49	112,932	58,022	54,910	126,788	65,795	60,993	142,295	74,578	67,717	158,231	83,609	74,622	173,598	92,266	81,332
50-54	72,919	36,756	36,164	77,100	38,623	38,477	81,801	40,765	41,036	87,922	43,756	44,166	96,142	48,028	48,115
55-59	53,183	26,167	27,016	56,845	27,994	28,851	61,179	30,130	31,048	65,752	32,338	33,414	70,258	34,454	35,805
60-64	48,273	22,714	25,560	49,436	23,285	26,151	50,207	23,682	26,525	51,226	24,201	27,025	53,000	25,074	27,927
65-69	34,756	15,168	19,588	38,655	16,875	21,780	42,719	18,653	24,066	46,416	20,271	26,146	49,356	21,562	27,794
70-74	21,296	8,746	12,550	23,040	9,476	13,564	24,846	10,220	14,626	26,954	11,085	15,869	29,530	12,147	17,383
75-79	11,017	3,915	7,102	12,568	4,576	7,992	14,389	5,344	9,045	16,281	6,130	10,151	18,106	6,872	11,234
80 +	10,988	3,225	7,763	11,214	3,261	7,953	11,502	3,325	8,178	11,969	3,459	8,510	12,690	3,691	9,000
Total	3,242,324	1,579,974	1,662,350	3,408,295	1,662,197	1,746,098	3,579,078	1,746,844	1,832,233	3,754,643	1,833,900	1,920,743	3,934,920	1,923,330	2,011,590

5 year age group	2028 Both sexes	Male	Female	2029 Both sexes	Male	Female	2030 Both sexes	Male	Female	2031 Both sexes	Male	Female	2032 Both sexes	Male	Female
0-4	460,369	218,276	242,093	476,302	225,844	250,457	491,859	233,237	258,623	506,956	240,415	266,541	521,517	247,348	274,169
5-9	392,575	185,700	206,875	408,344	193,193	215,150	424,323	200,799	223,525	440,467	208,490	231,978	456,679	216,221	240,459
10-14	383,419	178,960	204,459	399,962	186,699	213,263	416,681	194,537	222,145	433,596	202,487	231,109	450,727	210,563	240,164
15-19	423,938	188,339	235,599	438,949	195,630	243,319	455,729	203,757	251,972	474,283	212,729	261,554	494,595	222,539	272,056
20-24	523,044	255,656	267,388	536,151	262,037	274,114	546,499	267,015	279,484	555,115	271,120	283,995	563,139	274,938	288,201
25-29	455,802	231,744	224,058	485,932	247,285	238,646	517,199	263,451	253,748	547,250	278,957	268,293	574,038	292,698	281,340
30-34	365,520	189,723	175,796	381,915	198,022	183,893	400,087	207,181	192,907	420,949	217,785	203,164	445,043	230,196	214,847
35-39	315,038	164,194	150,844	327,001	170,486	156,515	339,438	177,189	162,249	352,703	184,332	168,371	367,119	191,960	175,159
40-44	257,194	137,935	119,259	269,124	143,636	125,488	280,749	149,046	131,703	292,194	154,414	137,780	303,599	159,956	143,643
45-49	188,035	100,349	87,686	201,622	107,907	93,715	214,434	114,939	99,495	226,759	121,548	105,212	238,839	127,829	111,010
50-54	106,871	53,833	53,038	119,864	61,017	58,847	134,405	69,138	65,268	149,340	77,488	71,852	163,727	85,489	78,237
55-59	74,505	36,359	38,146	78,682	38,163	40,519	83,392	40,244	43,149	89,541	43,167	46,374	97,803	47,352	50,450
60-64	55,812	26,439	29,373	59,574	28,254	31,320	64,033	30,379	33,655	68,734	32,570	36,164	73,357	34,664	38,693
65-69	51,328	22,442	28,886	52,472	22,973	29,499	53,219	23,343	29,875	54,242	23,841	30,401	56,071	24,690	31,382
70-74	32,701	13,457	19,244	36,358	14,967	21,391	40,159	16,534	23,624	43,598	17,953	25,645	46,312	19,077	27,235
75-79	19,796	7,541	12,255	21,405	8,163	13,242	23,087	8,802	14,285	25,065	9,553	15,512	27,487	10,476	17,011
80 +	13,691	4,028	9,663	14,937	4,456	10,481	16,379	4,952	11,427	17,949	5,486	12,463	19,604	6,039	13,565
Total	4,119,638	2,014,975	2,104,663	4,308,595	2,108,732	2,199,863	4,501,673	2,204,541	2,297,132	4,698,742	2,302,333	2,396,408	4,899,655	2,402,034	2,497,621

Table 39: Projections of the urban population, 2012-2032 according to the low projections scenario

5 year age group	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
0-4	235,660	110,664	124,996	245,111	115,359	129,752	254,343	119,972	134,371	263,206	124,436	138,770	271,521	128,663	142,858
5-9	211,286	98,810	112,476	220,084	102,926	117,158	227,765	106,496	121,269	234,707	109,708	124,998	241,370	112,790	128,580
10-14	191,509	87,557	103,952	207,409	94,999	112,410	224,065	102,823	121,243	240,451	110,520	129,931	255,618	117,624	137,994
15-19	202,416	88,028	114,388	214,360	93,260	121,101	227,411	98,953	128,458	242,089	105,399	136,690	258,732	112,795	145,937
20-24	236,688	114,223	122,466	248,228	119,920	128,307	260,103	125,915	134,188	272,598	132,225	140,373	285,986	138,887	147,099
25-29	222,138	114,848	107,290	234,560	120,681	113,879	246,718	126,257	120,461	258,683	131,772	126,911	270,556	137,407	133,150
30-34	173,563	91,600	81,963	187,654	99,308	88,346	201,071	106,556	94,515	214,049	113,418	100,631	226,794	119,967	106,827
35-39	110,566	56,603	53,963	124,952	64,601	60,351	141,072	73,656	67,417	157,701	83,007	74,694	173,811	92,016	81,795
40-44	76,051	39,428	36,623	80,909	41,675	39,234	86,311	44,214	42,098	93,214	47,665	45,549	102,353	52,506	49,846
45-49	53,085	27,565	25,520	57,118	29,668	27,450	61,844	32,109	29,735	66,822	34,634	32,188	71,730	37,060	34,670
50-54	43,190	21,840	21,351	44,569	22,549	22,021	45,571	23,077	22,494	46,768	23,710	23,059	48,630	24,676	23,955
55-59	29,803	14,561	15,242	33,383	16,307	17,077	37,148	18,141	19,007	40,628	19,837	20,791	43,464	21,223	22,241
60-64	20,539	9,638	10,900	22,372	10,509	11,863	24,256	11,392	12,864	26,425	12,405	14,020	29,047	13,634	15,413
65-69	12,202	4,967	7,235	13,990	5,821	8,169	16,117	6,833	9,284	18,348	7,882	10,466	20,512	8,883	11,629
70-74	9,452	3,511	5,941	9,500	3,501	5,999	9,533	3,499	6,033	9,811	3,619	6,192	10,521	3,939	6,582
75-79	6,642	2,348	4,294	7,251	2,536	4,714	7,890	2,748	5,142	8,411	2,919	5,492	8,734	3,017	5,717
80 +	8,217	2,673	5,544	8,233	2,655	5,577	8,314	2,646	5,668	8,494	2,664	5,830	8,778	2,717	6,061
Total	1,843,008	888,864	954,144	1,959,685	946,277	1,013,408	2,079,532	1,005,286	1,074,246	2,202,406	1,065,820	1,136,586	2,328,156	1,127,804	1,200,352

5 year age group	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
0-4	279,034	132,204	146,830	285,883	135,426	150,457	292,018	138,303	153,714	299,121	141,646	157,475	307,398	145,549	161,849
5-9	250,348	117,256	133,092	259,253	121,707	137,546	267,933	126,067	141,866	276,241	130,270	145,971	283,987	134,218	149,769
10-14	266,756	122,827	143,929	276,139	127,179	148,960	284,096	130,839	153,258	291,137	134,056	157,082	297,850	137,112	160,739
15-19	277,584	121,268	156,316	298,344	130,667	167,677	319,961	140,489	179,472	340,993	150,048	190,945	360,141	158,726	201,415
20-24	300,229	145,841	154,388	315,374	153,132	162,242	331,977	161,080	170,897	350,811	170,153	180,658	372,340	180,640	191,700
25-29	282,429	143,286	139,142	294,412	149,448	144,964	306,755	155,935	150,820	319,796	162,778	157,018	333,840	170,015	163,825
30-34	239,291	126,145	113,146	251,405	131,885	119,520	263,193	137,321	125,872	274,766	142,683	132,083	286,249	148,168	138,081
35-39	188,988	100,450	88,538	203,311	108,357	94,954	216,828	115,714	101,114	229,826	122,622	107,203	242,538	129,168	113,370
40-44	114,180	59,022	55,158	128,468	67,062	61,407	144,448	76,141	68,308	160,868	85,473	75,395	176,691	94,407	82,284
45-49	76,349	39,249	37,100	80,878	41,317	39,561	85,937	43,668	42,269	92,477	46,915	45,561	101,212	51,519	49,693
50-54	51,429	26,118	25,312	55,108	28,006	27,102	59,439	30,204	29,235	64,000	32,472	31,528	68,488	34,642	33,846
55-59	45,442	22,198	23,244	46,668	22,817	23,850	47,506	23,257	24,249	48,560	23,806	24,754	50,315	24,693	25,622
60-64	32,256	15,143	17,113	35,964	16,886	19,078	39,840	18,706	21,134	43,389	20,372	23,017	46,236	21,711	24,526
65-69	22,512	9,788	12,723	24,403	10,627	13,776	26,347	11,475	14,872	28,601	12,455	16,146	31,343	13,651	17,692
70-74	11,746	4,496	7,250	13,416	5,256	8,160	15,391	6,149	9,242	17,456	7,070	10,385	19,452	7,943	11,509
75-79	8,920	3,057	5,863	8,932	3,037	5,895	8,947	3,032	5,915	9,208	3,139	6,069	9,884	3,425	6,459
80 +	9,082	2,784	6,298	9,505	2,888	6,617	9,978	3,006	6,972	10,415	3,110	7,305	10,769	3,185	7,584
Total	2,456,575	1,191,132	1,265,444	2,587,463	1,255,696	1,331,767	2,720,594	1,321,385	1,399,209	2,857,665	1,389,068	1,468,597	2,998,734	1,458,772	1,539,962

Table 39: Projections of the urban population, 2012-2032 according to the low projections scenario (cont'd)

5 year age group	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
0-4	317,103	150,119	166,984	328,413	155,447	172,965	341,593	161,656	179,937	354,943	167,942	187,002	368,417	174,285	194,132
5-9	290,958	137,462	153,496	297,274	140,395	156,879	302,905	143,010	159,896	309,624	146,147	163,477	317,660	149,919	167,741
10-14	307,458	141,854	165,604	316,979	146,575	170,404	326,256	151,203	175,054	335,145	155,673	179,472	343,438	159,889	183,549
15-19	373,563	164,794	208,769	384,501	169,705	214,796	393,485	173,711	219,774	401,280	177,172	224,108	408,726	180,480	228,246
20-24	396,919	192,724	204,195	424,035	206,133	217,902	452,190	220,085	232,105	479,384	233,532	245,853	503,848	245,559	258,290
25-29	348,872	177,578	171,294	364,913	185,522	179,391	382,635	194,254	188,382	402,956	204,345	198,611	426,422	216,152	210,270
30-34	297,778	153,916	143,862	309,450	159,967	149,483	321,551	166,387	155,164	334,456	173,223	161,233	348,497	180,530	167,967
35-39	254,989	135,302	119,687	267,023	140,961	126,062	278,737	146,314	132,423	290,281	151,623	138,658	301,810	157,112	144,698
40-44	191,537	102,720	88,818	205,494	110,473	95,021	218,641	117,668	100,973	231,298	124,426	106,873	243,725	130,852	112,873
45-49	112,584	57,747	54,837	126,345	65,444	60,900	141,743	74,139	67,604	157,568	83,076	74,492	172,833	91,641	81,192
50-54	72,709	36,589	36,120	76,851	38,426	38,425	81,511	40,535	40,976	87,590	43,490	44,100	95,763	47,718	48,045
55-59	53,046	26,056	26,990	56,681	27,861	28,820	60,987	29,973	31,014	65,534	32,156	33,378	70,022	34,250	35,772
60-64	48,175	22,628	25,546	49,325	23,187	26,138	50,087	23,574	26,514	51,101	24,083	27,017	52,873	24,947	27,926
65-69	34,714	15,121	19,592	38,607	16,818	21,789	42,668	18,585	24,084	46,369	20,194	26,175	49,319	21,480	27,839
70-74	21,298	8,729	12,568	23,048	9,457	13,591	24,863	10,198	14,665	26,986	11,063	15,923	29,583	12,126	17,457
75-79	11,039	3,914	7,125	12,602	4,575	8,027	14,439	5,345	9,094	16,354	6,134	10,220	18,209	6,881	11,328
80 +	11,039	3,232	7,808	11,284	3,270	8,014	11,595	3,337	8,258	12,090	3,475	8,616	12,848	3,712	9,136
Total	3,143,780	1,530,485	1,613,295	3,292,824	1,604,215	1,688,609	3,445,888	1,679,973	1,765,915	3,602,959	1,757,752	1,845,207	3,763,993	1,837,531	1,926,462

5 year age group	2028 Both sexes	Male	Female	2029 Both sexes	Male	Female	2030 Both sexes	Male	Female	2031 Both sexes	Male	Female	2032 Both sexes	Male	Female
0-4	381,941	180,661	201,280	395,290	186,953	208,336	408,351	193,105	215,246	420,992	199,046	221,946	433,112	204,731	228,381
5-9	327,290	154,462	172,827	338,668	159,838	178,830	352,050	166,160	185,890	365,621	172,572	193,050	379,301	179,033	200,268
10-14	350,909	163,342	187,567	357,671	166,473	191,198	363,675	169,264	194,410	370,993	172,684	198,309	379,872	176,850	203,023
15-19	420,197	186,086	234,112	431,599	191,696	239,903	442,698	197,208	245,490	453,244	202,511	250,732	462,937	207,469	255,468
20-24	520,295	253,576	266,718	533,312	259,836	273,476	543,655	264,732	278,923	552,338	268,791	283,547	560,505	272,599	287,906
25-29	453,447	229,920	223,527	483,399	245,275	238,124	514,540	261,269	253,271	544,528	276,628	267,900	571,330	290,259	281,071
30-34	363,672	188,266	175,406	379,977	196,455	183,522	398,098	205,517	192,581	418,936	216,028	202,908	443,037	228,348	214,689
35-39	313,486	162,956	150,530	325,390	169,166	156,224	337,805	175,801	162,004	351,077	182,886	168,192	365,535	190,468	175,067
40-44	255,963	136,924	119,039	267,844	142,558	125,286	279,456	147,918	131,539	290,920	153,247	137,673	302,376	158,765	143,611
45-49	187,190	99,642	87,548	200,724	107,132	93,593	213,514	114,109	99,406	225,847	120,678	105,169	237,963	126,934	111,030
50-54	106,445	53,474	52,972	119,395	60,602	58,792	133,905	68,670	65,236	148,829	76,973	71,856	163,233	84,943	78,290
55-59	74,259	36,138	38,121	78,437	37,929	40,508	83,159	40,001	43,158	89,327	42,916	46,411	97,617	47,092	50,525
60-64	55,687	26,303	29,384	59,457	28,111	31,346	63,934	30,231	33,703	68,664	32,424	36,240	73,330	34,526	38,804
65-69	51,310	22,359	28,951	52,480	22,894	29,586	53,258	23,272	29,986	54,320	23,782	30,538	56,198	24,648	31,550
70-74	32,782	13,438	19,344	36,476	14,953	21,523	40,325	16,530	23,795	43,825	17,966	25,859	46,610	19,115	27,495
75-79	19,933	7,557	12,376	21,581	8,187	13,394	23,308	8,838	14,470	25,343	9,606	15,737	27,838	10,555	17,283
80 +	13,892	4,057	9,835	15,190	4,495	10,695	16,695	5,004	11,691	18,340	5,557	12,783	20,086	6,138	13,949
Total	3,928,699	1,919,162	2,009,537	4,096,890	2,002,553	2,094,337	4,268,427	2,087,628	2,180,799	4,443,145	2,174,295	2,268,850	4,620,880	2,262,471	2,358,409

Table 40:   Projections of the rural population, 2012-2032 according to the high projections scenario

5 year age group	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
0-4	1,305,443	660,097	645,345	1,310,498	664,666	645,832	1,321,456	672,238	649,218	1,337,993	682,655	655,338	1,359,794	695,750	664,043
5-9	1,319,740	663,235	656,505	1,312,487	660,160	652,327	1,298,495	653,537	644,958	1,280,721	644,928	635,793	1,262,060	635,858	626,202
10-14	1,118,591	559,107	559,484	1,156,834	579,692	577,142	1,194,962	600,339	594,623	1,227,657	618,170	609,487	1,250,869	631,001	619,867
15-19	927,508	467,639	459,869	937,871	473,448	464,423	951,244	480,675	470,569	969,410	490,498	478,912	993,100	503,469	489,631
20-24	801,132	389,917	411,215	802,212	391,243	410,968	803,649	393,111	410,538	806,256	395,519	410,738	810,657	398,503	412,154
25-29	724,356	349,762	374,595	730,538	351,268	379,270	734,889	351,683	383,206	737,799	351,676	386,124	739,678	351,765	387,913
30-34	625,485	297,061	328,424	645,489	307,803	337,686	661,123	316,048	345,074	673,699	322,310	351,388	684,211	327,017	357,195
35-39	436,818	195,990	240,828	470,701	213,776	256,926	507,383	233,241	274,142	542,333	251,836	290,497	572,390	267,778	304,612
40-44	350,183	155,576	194,607	356,029	157,156	198,874	363,367	159,539	203,829	375,703	164,777	210,926	395,134	174,100	221,034
45-49	293,397	130,877	162,519	301,369	134,610	166,759	311,946	139,399	172,547	322,688	144,045	178,644	332,085	147,832	184,253
50-54	296,669	130,901	165,768	292,243	129,147	163,096	285,603	126,464	159,139	280,492	124,466	156,026	279,447	124,233	155,214
55-59	227,677	99,571	128,107	243,469	106,551	136,918	258,976	113,412	145,564	271,081	118,796	152,285	277,878	121,883	155,995
60-64	165,315	71,392	93,923	171,884	74,381	97,503	178,127	77,134	100,993	185,719	80,456	105,263	195,602	84,803	110,800
65-69	97,567	38,968	58,599	106,751	43,640	63,111	117,507	49,004	68,503	127,995	54,148	73,847	137,071	58,514	78,557
70-74	80,949	30,882	50,066	77,639	29,421	48,217	74,440	28,128	46,312	73,307	27,860	45,447	75,322	29,075	46,247
75-79	54,798	21,069	33,729	57,059	21,743	35,316	59,315	22,531	36,784	60,478	22,921	37,558	60,127	22,711	37,416
80 +	68,663	27,771	40,892	65,587	26,357	39,230	63,189	25,120	38,069	61,648	24,219	37,429	60,910	23,672	37,238
Total	8,894,291	4,289,815	4,604,476	9,038,659	4,365,063	4,673,596	9,185,672	4,441,605	4,744,066	9,334,979	4,519,279	4,815,700	9,486,335	4,597,965	4,888,370

5 year age group	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
0-4	1,379,427	706,308	673,119	1,398,171	716,430	681,741	1,416,219	726,220	689,998	1,433,742	735,769	697,973	1,450,890	745,153	705,737
5-9	1,262,366	637,920	624,447	1,268,768	643,095	625,673	1,280,890	651,200	629,690	1,298,428	662,092	636,336	1,321,057	675,604	645,452
10-14	1,252,338	632,583	619,755	1,244,898	629,445	615,453	1,231,024	622,906	608,118	1,213,535	614,468	599,067	1,195,178	605,589	589,589
15-19	1,022,406	519,678	502,728	1,055,573	538,133	517,440	1,088,487	556,585	531,902	1,116,307	572,375	543,932	1,135,373	583,497	551,875
20-24	816,410	401,766	414,644	823,505	405,425	418,080	833,185	410,265	422,920	846,978	417,287	429,691	865,477	426,939	438,537
25-29	740,752	352,191	388,561	741,443	353,031	388,411	742,430	354,358	388,072	744,481	356,176	388,305	748,176	358,517	389,659
30-34	692,780	330,141	362,640	699,260	331,716	367,544	703,985	332,261	371,725	707,314	332,412	374,902	709,620	332,660	376,960
35-39	596,708	280,657	316,051	616,168	290,950	325,217	631,471	298,892	332,579	643,865	304,968	338,897	654,291	309,581	344,709
40-44	422,337	187,889	234,448	455,588	205,158	250,430	491,596	224,070	267,526	525,982	242,181	283,802	555,676	257,775	297,901
45-49	339,304	150,305	188,999	345,421	152,051	193,370	352,999	154,583	198,416	365,451	159,898	205,553	384,832	169,200	215,632
50-54	283,441	126,231	157,210	291,581	130,067	161,514	302,247	134,929	167,318	313,079	139,659	173,421	322,618	143,566	179,052
55-59	278,644	122,379	156,265	274,712	120,874	153,838	268,702	118,502	150,200	264,133	116,776	147,357	263,388	116,709	146,680
60-64	208,323	90,412	117,911	222,975	96,867	126,108	237,346	103,209	134,138	248,574	108,201	140,373	254,913	111,098	143,815
65-69	144,254	61,889	82,365	150,094	64,554	85,540	155,685	67,037	88,649	162,491	70,037	92,454	171,324	73,948	97,375
70-74	80,653	31,846	48,807	88,447	35,767	52,680	97,500	40,239	57,261	106,309	44,526	61,783	113,951	48,182	65,769
75-79	58,835	22,077	36,758	56,499	21,071	35,428	54,322	20,222	34,100	53,721	20,146	33,575	55,461	21,165	34,296
80 +	60,326	23,271	37,055	60,494	23,179	37,315	60,890	23,188	37,702	60,948	23,073	37,875	60,436	22,750	37,686
Total	9,639,306	4,677,543	4,961,763	9,793,595	4,757,813	5,035,782	9,948,977	4,838,666	5,110,312	10,105,338	4,920,043	5,185,295	10,262,660	5,001,933	5,260,726

Table 40: Projections of the rural population, 2012-2032 according to the high projections scenario (cont'd)

5 year age group	2023 Both sexes	2023 Male	2023 Female	2024 Both sexes	2024 Male	2024 Female	2025 Both sexes	2025 Male	2025 Female	2026 Both sexes	2026 Male	2026 Female	2027 Both sexes	2027 Male	2027 Female
0-4	1,467,566	754,296	713,270	1,483,710	763,196	720,514	1,499,309	771,844	727,465	1,514,214	780,161	734,053	1,528,154	788,006	740,148
5-9	1,341,496	686,588	654,908	1,361,057	697,160	663,897	1,379,890	707,395	672,495	1,398,110	717,349	680,760	1,415,807	727,060	688,747
10-14	1,194,750	607,299	587,451	1,200,060	611,968	588,092	1,210,720	619,404	591,316	1,226,402	629,443	596,958	1,246,757	641,907	604,851
15-19	1,134,575	584,179	550,395	1,125,689	580,507	545,182	1,110,978	573,699	537,279	1,092,987	565,129	527,858	1,074,190	556,129	518,061
20-24	888,674	439,251	449,423	915,047	453,364	461,683	940,989	467,351	473,638	962,301	478,963	483,338	975,852	486,531	489,321
25-29	753,087	361,104	391,983	759,224	364,042	395,182	767,698	368,017	399,682	779,868	373,896	405,972	796,236	382,056	414,180
30-34	711,102	333,228	377,874	712,184	334,188	377,996	713,502	335,593	377,910	715,778	337,424	378,354	719,558	339,698	379,860
35-39	662,848	312,700	350,148	669,408	314,354	355,054	674,261	315,016	359,245	677,713	315,271	362,442	680,100	315,570	364,530
40-44	579,837	270,448	309,389	599,319	280,653	318,666	614,773	288,595	326,178	627,380	294,719	332,661	638,031	299,395	338,636
45-49	411,819	182,872	228,947	444,754	199,966	244,788	480,432	218,692	261,740	514,564	236,659	277,905	544,125	252,174	291,950
50-54	330,050	146,203	183,847	336,433	148,144	188,290	344,264	150,862	193,402	356,876	156,309	200,567	376,286	165,668	210,619
55-59	267,384	118,733	148,650	275,287	122,485	152,801	285,566	127,198	158,368	295,993	131,778	164,216	305,188	135,572	169,616
60-64	255,714	111,632	144,082	252,231	110,349	141,882	246,872	108,286	138,585	242,857	106,818	136,039	242,365	106,865	135,500
65-69	182,641	78,963	103,678	195,639	84,711	110,929	208,358	90,342	118,016	218,273	94,769	123,503	223,861	97,342	126,519
70-74	120,041	51,033	69,008	125,063	53,318	71,745	129,941	55,477	74,464	135,892	58,086	77,806	143,582	61,464	82,119
75-79	59,619	23,308	36,312	65,554	26,266	39,288	72,370	29,598	42,773	78,978	32,773	46,205	84,722	35,477	49,245
80 +	59,399	22,230	37,169	58,241	21,678	36,563	57,449	21,322	36,127	57,560	21,411	36,149	58,837	22,062	36,775
Total	10,420,602	5,084,066	5,336,535	10,578,899	5,166,348	5,412,551	10,737,372	5,248,691	5,488,681	10,895,745	5,330,960	5,564,786	11,053,653	5,412,975	5,640,678

5 year age group	2028 Both sexes	2028 Male	2028 Female	2029 Both sexes	2029 Male	2029 Female	2030 Both sexes	2030 Male	2030 Female	2031 Both sexes	2031 Male	2031 Female	2032 Both sexes	2032 Male	2032 Female
0-4	1,540,549	795,038	745,511	1,551,158	801,134	750,023	1,559,869	806,237	753,633	1,566,607	810,305	756,302	1,571,343	813,328	758,016
5-9	1,432,889	736,459	696,430	1,449,402	745,578	703,824	1,465,345	754,413	710,933	1,480,584	762,887	717,696	1,494,853	770,858	723,995
10-14	1,264,877	651,871	613,006	1,282,075	661,387	620,688	1,298,508	670,532	627,977	1,314,304	679,366	634,938	1,329,566	687,934	641,632
15-19	1,071,484	556,778	514,706	1,073,864	560,090	513,774	1,080,959	565,879	515,080	1,092,458	573,988	518,470	1,108,035	584,247	523,788
20-24	972,154	485,248	486,906	961,509	480,321	481,188	945,922	472,802	473,120	927,619	463,860	463,759	908,735	454,612	454,123
25-29	816,770	392,478	424,292	840,103	404,425	435,678	862,943	416,181	446,762	881,474	425,757	455,718	892,880	431,695	461,184
30-34	724,431	342,127	382,304	730,440	344,847	385,593	738,670	348,517	390,153	750,443	353,969	396,474	766,264	361,570	404,695
35-39	681,604	316,104	365,500	682,668	316,973	365,696	683,923	318,235	365,688	686,084	319,884	366,200	689,700	321,946	367,754
40-44	646,815	302,571	344,244	653,629	304,301	349,328	658,761	305,047	353,713	662,517	305,386	357,131	665,234	305,762	359,472
45-49	568,271	264,818	303,453	587,842	275,044	312,798	603,473	283,048	320,424	616,323	289,268	327,055	627,274	294,069	333,205
50-54	403,154	179,307	223,847	435,871	196,310	239,561	471,305	214,926	256,380	505,264	232,813	272,451	534,789	248,315	286,475
55-59	312,378	138,152	174,226	318,571	140,070	178,501	326,141	142,725	183,416	338,255	147,969	190,286	356,829	156,926	199,903
60-64	246,214	108,812	137,402	253,629	112,324	141,305	263,198	116,697	146,501	272,875	120,930	151,946	281,403	124,430	156,973
65-69	224,576	97,833	126,742	221,550	96,741	124,809	216,918	94,981	121,937	213,504	93,759	119,746	213,205	93,872	119,333
70-74	153,363	65,756	87,607	164,526	70,642	93,884	175,399	75,405	99,995	183,852	79,133	104,720	188,620	81,292	107,328
75-79	89,333	37,593	51,740	93,180	39,306	53,874	96,970	40,951	56,019	101,615	42,952	58,663	107,591	45,533	62,058
80 +	61,247	23,253	37,993	64,513	24,846	39,667	68,322	26,676	41,646	72,311	28,559	43,752	76,277	30,392	45,886
Total	11,210,109	5,494,197	5,715,911	11,364,531	5,574,338	5,790,193	11,516,627	5,653,251	5,863,376	11,666,090	5,730,785	5,935,305	11,812,599	5,806,780	6,005,820

Table 41: Projections of the rural population, 2012-2032 according to the medium projections scenario

5 year age group	2013 Both sexes	2013 Male	2013 Female	2014 Both sexes	2014 Male	2014 Female	2015 Both sexes	2015 Male	2015 Female	2016 Both sexes	2016 Male	2016 Female	2017 Both sexes	2017 Male	2017 Female
0-4	1,303,789	659,229	644,559	1,305,497	662,044	643,453	1,311,365	666,951	644,413	1,321,014	673,767	647,247	1,334,065	682,296	651,769
5-9	1,319,754	663,238	656,516	1,312,532	660,169	652,363	1,298,590	653,557	645,033	1,280,889	644,961	635,928	1,262,335	635,909	626,427
10-14	1,118,599	559,110	559,489	1,156,860	579,701	577,159	1,195,017	600,358	594,659	1,227,754	618,203	609,551	1,251,024	631,054	619,970
15-19	927,515	467,642	459,874	937,893	473,457	464,437	951,291	480,693	470,597	969,489	490,530	478,959	993,224	503,520	489,704
20-24	801,140	389,921	411,220	802,237	391,254	410,982	803,700	393,134	410,566	806,343	395,559	410,785	810,789	398,565	412,225
25-29	724,365	349,765	374,600	730,564	351,280	379,284	734,941	351,706	383,235	737,889	351,716	386,173	739,813	351,826	387,987
30-34	625,493	297,063	328,429	645,513	307,812	337,700	661,172	316,068	345,104	673,783	322,345	351,438	684,341	327,070	357,270
35-39	436,824	195,992	240,832	470,720	213,782	256,938	507,423	233,254	274,169	542,404	251,861	290,543	572,503	267,820	304,684
40-44	350,187	155,577	194,610	356,043	157,159	198,884	363,396	159,547	203,849	375,753	164,792	210,961	395,213	174,123	221,090
45-49	293,400	130,878	162,522	301,380	134,613	166,767	311,970	139,405	172,565	322,730	144,055	178,675	332,149	147,848	184,301
50-54	296,673	130,902	165,772	292,254	129,149	163,105	285,625	126,468	159,157	280,529	124,473	156,056	279,501	124,244	155,257
55-59	227,681	99,571	128,110	243,481	106,553	136,928	259,001	113,415	145,585	271,123	118,802	152,322	277,943	121,893	156,050
60-64	165,319	71,392	93,926	171,895	74,382	97,513	178,150	77,137	101,013	185,757	80,460	105,297	195,661	84,809	110,852
65-69	97,570	38,968	58,602	106,760	43,641	63,120	117,527	49,005	68,522	128,031	54,151	73,880	137,127	58,518	78,609
70-74	80,952	30,882	50,070	77,649	29,422	48,227	74,459	28,129	46,331	73,338	27,861	45,477	75,368	29,077	46,291
75-79	54,801	21,069	33,732	57,068	21,743	35,325	59,335	22,532	36,804	60,512	22,922	37,591	60,177	22,713	37,464
80 +	68,667	27,771	40,896	65,599	26,357	39,242	63,212	25,121	38,091	61,686	24,219	37,466	60,966	23,673	37,294
Total	8,892,730	4,288,972	4,603,758	9,033,946	4,362,518	4,671,428	9,176,174	4,436,481	4,739,693	9,319,023	4,510,676	4,808,348	9,462,201	4,584,959	4,877,242

5 year age group	2018 Both sexes	2018 Male	2018 Female	2019 Both sexes	2019 Male	2019 Female	2020 Both sexes	2020 Male	2020 Female	2021 Both sexes	2021 Male	2021 Female	2022 Both sexes	2022 Male	2022 Female
0-4	1,344,623	688,098	656,526	1,353,975	693,282	660,693	1,362,327	697,958	664,369	1,369,838	702,227	667,611	1,376,581	706,168	670,413
5-9	1,261,184	637,164	624,019	1,264,500	640,677	623,823	1,271,850	646,235	625,616	1,282,866	653,662	629,204	1,297,137	662,766	634,371
10-14	1,252,571	632,661	619,910	1,245,232	629,554	615,678	1,231,485	623,053	608,432	1,214,149	614,658	599,491	1,195,971	605,828	590,143
15-19	1,022,593	519,755	502,838	1,055,845	538,245	517,599	1,088,869	556,743	532,126	1,116,822	572,588	544,234	1,136,037	583,775	552,262
20-24	816,606	401,859	414,747	823,783	405,556	418,226	833,565	410,446	423,120	847,484	417,528	429,956	866,130	427,255	438,875
25-29	740,951	352,282	388,669	741,722	353,160	388,562	742,807	354,533	388,275	744,975	356,406	388,569	748,803	358,813	389,989
30-34	692,972	330,221	362,751	699,531	331,830	367,701	704,353	332,414	371,938	707,794	332,614	375,181	710,225	332,919	377,306
35-39	596,880	280,720	316,159	616,416	291,043	325,372	631,813	299,021	332,791	644,317	305,141	339,175	654,864	309,807	345,057
40-44	422,460	187,926	234,534	455,773	205,216	250,557	491,863	224,155	267,708	526,353	242,302	284,051	556,168	257,940	298,227
45-49	339,400	150,330	189,070	345,558	152,087	193,471	353,187	154,632	198,555	365,703	159,964	205,739	385,168	169,290	215,878
50-54	283,521	126,248	157,273	291,696	130,091	161,604	302,405	134,963	167,442	313,293	139,705	173,588	322,899	143,626	179,273
55-59	278,737	122,393	156,344	274,838	120,893	153,945	268,866	118,528	150,337	264,340	116,810	147,530	263,650	116,752	146,898
60-64	208,413	90,422	117,991	223,106	96,881	126,224	237,530	103,230	134,301	248,823	108,229	140,593	255,240	111,136	144,104
65-69	144,338	61,895	82,443	150,214	64,563	85,651	155,849	67,050	88,799	162,711	70,055	92,656	171,622	73,972	97,651
70-74	80,721	31,849	48,872	88,547	35,772	52,776	97,644	40,246	57,397	106,510	44,536	61,974	114,233	48,196	66,038
75-79	58,905	22,079	36,826	56,591	21,073	35,518	54,439	20,225	34,214	53,871	20,151	33,721	55,666	21,171	34,495
80 +	60,407	23,272	37,135	60,607	23,182	37,425	61,043	23,191	37,851	61,152	23,077	38,075	60,725	22,755	37,969
Total	9,605,283	4,659,176	4,946,108	9,747,931	4,733,105	5,014,827	9,889,893	4,806,621	5,083,272	10,031,000	4,879,653	5,151,347	10,171,119	4,952,168	5,218,950

5 year age group	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
0-4	1,382,450	709,731	672,719	1,387,501	712,920	674,581	1,391,740	715,723	676,016	1,395,040	718,059	676,981	1,397,149	719,793	677,356
5-9	1,308,835	669,147	639,688	1,319,292	674,931	644,361	1,328,652	680,199	648,452	1,337,022	685,017	652,005	1,344,498	689,428	655,070
10-14	1,194,231	606,810	587,421	1,196,681	609,939	586,742	1,202,877	614,996	587,881	1,212,438	621,790	590,648	1,224,962	630,117	594,845
15-19	1,135,387	584,526	550,861	1,126,660	580,930	545,731	1,112,119	574,202	537,917	1,094,315	565,718	528,597	1,075,729	556,810	518,919
20-24	889,493	439,657	449,836	916,056	453,877	462,179	942,212	467,988	474,224	963,757	479,740	484,017	977,554	487,457	490,096
25-29	753,856	361,477	392,379	760,150	364,503	395,646	768,799	368,579	400,220	781,164	374,576	406,588	797,754	382,872	414,882
30-34	711,835	333,552	378,283	713,055	334,586	378,469	714,523	336,074	378,449	716,960	338,000	378,960	720,916	340,379	380,538
35-39	663,547	312,984	350,562	670,241	314,704	355,536	675,236	315,439	359,797	678,839	315,775	363,064	681,385	316,163	365,223
40-44	580,456	270,664	309,793	600,073	280,928	319,145	615,668	288,936	326,733	628,423	295,132	333,290	639,229	299,889	339,341
45-49	412,254	182,993	229,260	445,309	200,129	245,180	481,126	218,907	262,219	515,412	236,935	278,477	545,137	252,520	292,617
50-54	330,404	146,280	184,124	336,862	148,239	188,623	344,772	150,979	193,793	357,476	156,453	201,023	376,995	165,847	211,147
55-59	267,708	118,788	148,919	275,680	122,555	153,126	286,037	127,284	158,752	296,548	131,885	164,663	305,829	135,701	170,128
60-64	256,117	111,679	144,438	252,699	110,406	142,293	247,396	108,354	139,041	243,434	106,898	136,536	243,000	106,959	136,041
65-69	183,035	78,995	104,041	196,138	84,752	111,386	208,966	90,396	118,571	218,989	94,836	124,152	224,673	97,423	127,250
70-74	120,415	51,051	69,364	125,527	53,341	72,186	130,494	55,506	74,988	136,539	58,123	78,416	144,332	61,509	82,822
75-79	59,900	23,316	36,584	65,919	26,277	39,642	72,832	29,613	43,219	79,541	32,793	46,748	85,386	35,503	49,884
80 +	59,787	22,237	37,551	58,722	21,686	37,036	58,020	21,332	36,688	58,221	21,423	36,798	59,595	22,076	37,519
Total	10,309,711	5,023,888	5,285,823	10,446,563	5,094,703	5,351,861	10,581,467	5,164,508	5,416,959	10,714,117	5,233,153	5,480,964	10,844,122	5,300,444	5,543,678

5 year age group	2028 Both sexes	Male	Female	2029 Both sexes	Male	Female	2030 Both sexes	Male	Female	2031 Both sexes	Male	Female	2032 Both sexes	Male	Female
0-4	1,397,480	720,587	676,893	1,395,786	720,320	675,466	1,391,968	718,940	673,028	1,385,980	716,422	669,557	1,377,821	712,770	665,051
5-9	1,351,039	693,394	657,645	1,356,725	696,952	659,773	1,361,577	700,097	661,481	1,365,490	702,755	662,734	1,368,225	704,797	663,429
10-14	1,234,921	635,770	599,151	1,243,630	640,806	602,824	1,251,243	645,311	605,932	1,257,882	649,357	608,525	1,263,655	652,994	610,661
15-19	1,071,909	556,844	515,065	1,071,793	558,804	512,989	1,074,972	562,483	512,489	1,081,096	567,705	513,391	1,089,802	574,282	515,520
20-24	974,086	486,321	487,765	963,669	481,542	482,127	948,306	474,172	474,135	930,230	465,380	464,851	911,583	456,282	455,301
25-29	818,535	393,450	425,085	842,143	405,577	436,567	865,278	417,532	447,746	884,114	427,320	456,794	895,820	433,476	462,344
30-34	725,978	342,923	383,054	732,189	345,770	386,418	740,637	349,581	391,055	752,650	355,193	397,457	768,736	362,974	405,761
35-39	683,056	316,793	366,263	684,295	317,769	366,526	685,733	319,148	366,585	688,088	320,924	367,164	691,910	323,123	368,787
40-44	648,178	303,151	345,027	655,164	304,974	350,190	660,475	305,820	354,655	664,416	306,265	358,152	667,324	306,755	360,569
45-49	569,456	265,241	304,215	589,206	275,552	313,654	605,022	283,650	321,372	618,064	289,969	328,095	629,214	294,876	334,338
50-54	404,000	179,535	224,465	436,886	196,600	240,286	472,518	215,293	257,225	506,696	233,270	273,425	536,451	248,871	287,580
55-59	313,112	138,307	174,805	319,405	140,254	179,151	327,086	142,943	184,143	339,334	148,232	191,102	358,073	157,246	200,827
60-64	246,924	108,925	138,000	254,437	112,463	141,974	264,121	116,867	147,254	273,929	121,137	152,792	282,595	124,677	157,918
65-69	225,475	97,930	127,545	222,526	96,857	125,669	217,963	95,118	122,845	214,625	93,919	120,706	214,419	94,062	120,357
70-74	154,240	65,815	88,425	165,558	70,721	94,836	176,604	75,509	101,095	185,235	79,267	105,968	190,169	81,459	108,710
75-79	90,103	37,627	52,476	94,062	39,352	54,710	97,974	41,012	56,962	102,760	43,032	59,728	108,906	45,638	63,267
80 +	62,121	23,272	38,848	65,525	24,873	40,652	69,493	26,715	42,778	73,661	28,613	45,048	77,826	30,465	47,361
Total	10,970,612	5,365,886	5,604,726	11,092,996	5,429,184	5,663,811	11,210,972	5,490,191	5,720,781	11,324,248	5,548,761	5,775,487	11,432,529	5,604,747	5,827,782

Table 42: Projections of the rural population, 2012-2032 according to the low projections scenario

5 year age group	2013 Both sexes	Male	Female	2014 Both sexes	Male	Female	2015 Both sexes	Male	Female	2016 Both sexes	Male	Female	2017 Both sexes	Male	Female
0-4	1,298,612	656,598	642,015	1,289,881	654,104	635,777	1,279,930	650,962	628,968	1,268,243	646,913	621,330	1,254,249	641,655	612,593
5-9	1,319,785	663,258	656,526	1,312,628	660,234	652,394	1,298,790	653,691	645,099	1,281,242	645,198	636,044	1,262,909	636,294	626,616
10-14	1,118,618	559,123	559,495	1,156,920	579,742	577,178	1,195,146	600,447	594,698	1,227,983	618,362	609,621	1,251,387	631,307	620,080
15-19	927,533	467,654	459,879	937,948	473,494	464,454	951,403	480,771	470,633	969,684	490,664	479,020	993,529	503,732	489,797
20-24	801,162	389,936	411,225	802,302	391,301	411,000	803,832	393,230	410,602	806,567	395,722	410,845	811,132	398,816	412,316
25-29	724,386	349,780	374,605	730,628	351,327	379,302	735,073	351,802	383,270	738,111	351,879	386,232	740,154	352,077	388,077
30-34	625,510	297,076	328,434	645,568	307,852	337,716	661,287	316,152	345,135	673,982	322,490	351,492	684,650	327,296	357,353
35-39	436,836	196,000	240,836	470,759	213,809	256,950	507,510	233,316	274,195	542,562	251,973	290,589	572,758	268,002	304,757
40-44	350,197	155,584	194,613	356,073	157,179	198,893	363,456	159,588	203,868	375,858	164,863	210,994	395,380	174,238	221,142
45-49	293,408	130,883	162,525	301,404	134,629	166,775	312,021	139,440	172,581	322,818	144,116	178,702	332,286	147,943	184,343
50-54	296,681	130,907	165,774	292,278	129,165	163,113	285,671	126,499	159,172	280,604	124,523	156,080	279,614	124,321	155,294
55-59	227,688	99,576	128,112	243,502	106,567	136,935	259,047	113,445	145,602	271,204	118,854	152,350	278,067	121,974	156,093
60-64	165,325	71,396	93,929	171,914	74,394	97,520	178,188	77,160	101,028	185,824	80,501	105,323	195,766	84,874	110,892
65-69	97,574	38,970	58,604	106,775	43,649	63,126	117,559	49,023	68,536	128,088	54,184	73,904	137,219	58,572	78,647
70-74	80,957	30,885	50,072	77,663	29,429	48,234	74,487	28,143	46,344	73,381	27,884	45,498	75,434	29,112	46,322
75-79	54,806	21,072	33,734	57,083	21,750	35,332	59,364	22,547	36,817	60,561	22,947	37,614	60,249	22,750	37,499
80 +	68,674	27,775	40,899	65,618	26,368	39,250	63,249	25,141	38,107	61,744	24,252	37,492	61,053	23,721	37,332
Total	8,887,752	4,286,474	4,601,278	9,018,944	4,354,994	4,663,950	9,146,013	4,421,358	4,724,655	9,268,458	4,485,327	4,783,131	9,385,837	4,546,682	4,839,154

5 year age group	2018 Both sexes	Male	Female	2019 Both sexes	Male	Female	2020 Both sexes	Male	Female	2021 Both sexes	Male	Female	2022 Both sexes	Male	Female
0-4	1,236,777	633,119	603,659	1,217,111	623,438	593,673	1,195,354	612,680	582,674	1,178,338	604,399	573,940	1,166,349	598,750	567,600
5-9	1,257,048	635,190	621,858	1,250,558	633,751	616,807	1,242,843	631,678	611,165	1,233,330	628,691	604,639	1,221,397	624,457	596,939
10-14	1,253,107	633,028	620,079	1,245,990	630,066	615,924	1,232,516	623,741	608,775	1,215,483	615,545	599,937	1,197,667	606,950	590,716
15-19	1,023,055	520,073	502,982	1,056,518	538,703	517,815	1,089,813	557,378	532,435	1,118,071	573,424	544,647	1,137,626	584,832	552,794
20-24	817,113	402,226	414,886	824,501	406,071	418,429	834,549	411,144	423,405	848,769	418,434	430,335	867,765	428,398	439,367
25-29	741,452	352,649	388,804	742,427	353,671	388,757	743,764	355,221	388,543	746,209	357,289	388,920	750,346	359,910	390,435
30-34	693,429	330,552	362,876	700,176	332,293	367,883	705,228	333,038	372,191	708,920	333,411	375,509	711,627	333,904	377,722
35-39	597,267	280,996	316,271	616,976	291,439	325,536	632,585	299,565	333,020	645,323	305,849	339,474	656,130	310,694	345,436
40-44	422,720	188,104	234,616	456,164	205,483	250,681	492,431	224,542	267,888	527,131	242,833	284,298	557,189	258,637	298,552
45-49	339,600	150,466	189,134	345,837	152,273	193,564	353,566	154,882	198,683	366,204	160,292	205,913	385,823	169,716	216,107
50-54	283,684	126,357	157,327	291,925	130,244	161,681	302,720	135,169	167,550	313,710	139,973	173,737	323,431	143,964	179,468
55-59	278,913	122,506	156,406	275,073	121,043	154,030	269,168	118,719	150,449	264,719	117,044	147,675	264,119	117,038	147,081
60-64	208,569	90,517	118,052	223,332	97,019	126,313	237,846	103,418	134,427	249,246	108,476	140,770	255,779	111,444	144,336
65-69	144,475	61,974	82,500	150,405	64,673	85,732	156,109	67,196	88,912	163,062	70,246	92,816	172,083	74,215	97,868
70-74	80,820	31,902	48,919	88,693	35,850	52,844	97,855	40,358	57,497	106,813	44,689	62,124	114,642	48,396	66,247
75-79	59,003	22,129	36,874	56,718	21,136	35,581	54,598	20,302	34,296	54,082	20,245	33,838	55,943	21,289	34,654
80 +	60,529	23,339	37,190	60,772	23,269	37,503	61,264	23,304	37,960	61,462	23,217	38,245	61,130	22,922	38,207
Total	9,497,562	4,605,129	4,892,433	9,603,175	4,660,421	4,942,754	9,702,209	4,712,336	4,989,873	9,800,873	4,764,057	5,036,816	9,899,045	4,815,516	5,083,529

Table 42: Projections of the rural population, 2012-2032 according to the low projections scenario (cont'd)

5 year age group	2023 Both sexes	Male	Female	2024 Both sexes	Male	Female	2025 Both sexes	Male	Female	2026 Both sexes	Male	Female	2027 Both sexes	Male	Female
0-4	1,159,480	595,779	563,701	1,158,005	595,607	562,398	1,162,178	598,352	563,825	1,165,636	600,746	564,891	1,168,181	602,683	565,498
5-9	1,205,894	616,973	588,921	1,188,091	608,333	579,758	1,168,051	598,581	569,470	1,152,454	591,144	561,310	1,141,614	586,191	555,423
10-14	1,191,623	605,790	585,833	1,184,933	604,302	580,630	1,177,008	602,185	574,823	1,167,301	599,154	568,147	1,155,206	594,878	560,328
15-19	1,137,327	585,810	551,517	1,128,970	582,452	546,518	1,114,820	575,976	538,844	1,097,412	567,751	529,661	1,079,247	559,122	520,124
20-24	891,530	441,074	450,456	918,551	455,605	462,946	945,218	470,064	475,155	967,289	482,176	485,113	981,605	490,255	491,350
25-29	755,738	362,807	392,931	762,406	366,088	396,317	771,467	370,444	401,023	784,275	376,745	407,530	801,342	385,374	415,969
30-34	713,538	334,743	378,795	715,086	336,001	379,085	716,909	337,732	379,178	719,715	339,911	379,805	724,054	342,554	381,499
35-39	665,097	314,065	351,032	672,100	315,992	356,108	677,427	316,945	360,481	681,369	317,506	363,863	684,261	318,125	366,136
40-44	581,750	271,544	310,206	601,666	282,010	319,656	617,586	290,234	327,352	630,677	296,656	334,021	641,832	301,644	340,188
45-49	413,108	183,546	229,561	446,415	200,844	245,570	482,538	219,821	262,717	517,166	238,072	279,094	547,257	253,896	293,362
50-54	331,066	146,693	184,373	337,667	148,734	188,933	345,742	151,568	194,175	358,642	157,155	201,487	378,403	166,693	211,710
55-59	268,287	119,137	149,150	276,395	122,980	153,415	286,914	127,801	159,114	297,607	132,501	165,106	307,083	136,423	170,660
60-64	256,778	112,050	144,729	253,482	110,840	142,643	248,303	108,851	139,452	244,473	107,462	137,010	244,189	107,601	136,588
65-69	183,636	79,306	104,331	196,913	85,146	111,767	209,947	90,887	119,061	220,192	95,431	124,761	226,100	98,122	127,978
70-74	120,948	51,305	69,643	126,200	53,654	72,546	131,327	55,887	75,440	137,559	58,582	78,976	145,575	62,063	83,512
75-79	60,268	23,470	36,798	66,413	26,481	39,931	73,485	29,882	43,603	80,383	33,138	47,245	86,437	35,931	50,507
80 +	60,297	22,433	37,864	59,348	21,914	37,434	58,775	21,596	37,179	59,127	21,730	37,397	60,683	22,439	38,244
Total	9,996,365	4,866,525	5,129,840	10,092,641	4,916,984	5,175,657	10,187,694	4,966,804	5,220,891	10,281,277	5,015,859	5,265,417	10,373,069	5,063,993	5,309,076

5 year age group	2028 Both sexes	Male	Female	2029 Both sexes	Male	Female	2030 Both sexes	Male	Female	2031 Both sexes	Male	Female	2032 Both sexes	Male	Female
0-4	1,169,260	603,862	565,398	1,168,620	604,159	564,461	1,166,059	603,452	562,607	1,161,393	601,617	559,776	1,154,535	598,612	555,923
5-9	1,135,651	583,767	551,884	1,134,874	584,030	550,844	1,139,541	587,098	552,443	1,143,416	589,753	553,663	1,146,288	591,880	554,408
10-14	1,139,592	587,416	552,175	1,121,722	578,806	542,917	1,101,676	569,094	532,582	1,085,784	561,550	524,233	1,074,343	556,337	518,005
15-19	1,071,612	557,244	514,369	1,063,300	555,004	508,297	1,053,801	552,131	501,669	1,042,670	548,385	494,284	1,029,397	543,476	485,921
20-24	978,547	489,424	489,123	968,458	484,914	483,545	953,345	477,777	475,568	935,459	469,192	466,267	916,966	460,291	456,676
25-29	822,598	396,302	426,296	846,672	408,794	437,879	870,240	421,113	449,127	889,451	431,244	458,207	901,446	437,701	463,745
30-34	729,473	345,359	384,114	736,017	348,463	387,554	744,775	352,530	392,244	757,087	358,406	398,681	773,465	366,464	407,001
35-39	686,252	318,983	367,268	687,783	320,183	367,601	689,485	321,780	367,706	692,080	323,768	368,312	696,116	326,173	369,943
40-44	651,106	305,130	345,976	658,389	307,164	351,224	663,963	308,209	355,754	668,139	308,842	359,297	671,251	309,510	361,740
45-49	571,930	266,856	305,075	592,016	277,402	314,614	608,142	285,726	322,416	621,471	292,265	329,206	632,882	297,380	335,502
50-54	405,692	180,559	225,133	438,906	197,840	241,067	474,901	216,780	258,121	509,455	235,024	274,431	539,578	250,896	288,682
55-59	314,551	139,132	175,419	321,021	141,180	179,841	328,884	143,980	184,904	341,344	149,405	191,939	360,343	158,597	201,746
60-64	248,280	109,658	138,622	255,977	113,302	142,676	265,864	117,826	148,039	275,886	122,228	153,658	284,767	125,908	158,860
65-69	227,089	98,721	128,368	224,287	97,725	126,562	219,844	96,058	123,786	216,630	94,944	121,686	216,575	95,194	121,381
70-74	155,735	66,481	89,254	167,330	71,515	95,815	178,672	76,447	102,225	187,599	80,363	107,235	192,803	82,716	110,087
75-79	91,358	38,138	53,220	95,516	39,948	55,568	99,631	41,700	57,931	104,652	43,839	60,813	111,078	46,598	64,480
80 +	63,413	23,704	39,710	67,046	25,386	41,660	71,271	27,328	43,943	75,731	29,355	46,376	80,220	31,365	48,855
Total	10,462,140	5,110,736	5,351,403	10,547,935	5,155,812	5,392,122	10,630,096	5,199,031	5,431,065	10,708,243	5,240,180	5,468,064	10,782,054	5,279,099	5,502,955

Table 43: Projections of the school-age population, 2012-2032 according to the medium projections scenario

Projections Year	Rwanda			Urban			Rural		
	3-6 years	7-12 years	13-18 years	3-6 years	7-12 years	13-18 years	3-6 years	7-12 years	13-18 years
2012	1,233,836	1,675,012	1,373,912	172,671	228,020	220,916	1,061,165	1,446,992	1,152,996
2013	1,222,258	1,734,755	1,403,738	178,141	246,110	235,302	1,044,117	1,488,645	1,168,436
2014	1,209,312	1,785,665	1,440,851	183,443	263,664	250,777	1,025,869	1,522,001	1,190,074
2015	1,210,371	1,810,740	1,486,316	190,724	277,960	268,183	1,019,647	1,532,780	1,218,133
2016	1,218,744	1,823,541	1,539,314	199,292	290,622	287,607	1,019,452	1,532,919	1,251,707
2017	1,232,652	1,825,799	1,598,567	208,960	301,698	309,056	1,023,692	1,524,101	1,289,511
2018	1,251,625	1,820,362	1,660,932	219,646	311,375	332,131	1,031,979	1,508,987	1,328,801
2019	1,275,171	1,810,665	1,720,768	231,367	320,260	355,717	1,043,804	1,490,405	1,365,051
2020	1,296,371	1,806,601	1,771,862	242,972	330,059	378,383	1,053,399	1,476,542	1,393,479
2021	1,316,661	1,821,509	1,797,326	254,679	343,461	396,485	1,061,982	1,478,048	1,400,841
2022	1,336,205	1,841,610	1,810,579	266,503	358,059	412,100	1,069,702	1,483,551	1,398,479
2023	1,355,047	1,866,575	1,813,318	278,509	374,010	424,821	1,076,538	1,492,565	1,388,497
2024	1,373,242	1,896,149	1,808,373	290,643	391,293	435,646	1,082,599	1,504,856	1,372,727
2025	1,391,017	1,929,859	1,799,169	302,961	409,911	445,323	1,088,056	1,519,948	1,353,846
2026	1,408,324	1,960,814	1,795,529	315,463	428,423	456,130	1,092,861	1,532,391	1,339,399
2027	1,425,155	1,990,511	1,810,701	328,153	447,150	471,934	1,097,002	1,543,361	1,338,767
2028	1,441,448	2,019,192	1,831,017	341,069	466,242	489,590	1,100,379	1,552,950	1,341,427
2029	1,456,975	2,047,076	1,856,171	354,077	485,606	509,019	1,102,898	1,561,470	1,347,152
2030	1,471,592	2,074,101	1,885,908	367,127	505,216	530,246	1,104,465	1,568,885	1,355,662
2031	1,484,604	2,100,335	1,919,756	380,017	525,077	553,227	1,104,587	1,575,258	1,366,529
2032	1,495,477	2,125,792	1,950,874	392,573	545,179	575,919	1,102,904	1,580,613	1,374,955

Table 44: Projections of the working-age population, 2012-2032 according to the medium projections scenario

Projections Year	Rwanda			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2012	5,603,525	2,662,970	2,940,555	1,053,860	556,123	497,737	4,549,665	2,106,847	2,442,818
2013	5,780,720	2,751,025	3,029,695	1,125,822	559,993	565,829	4,654,898	2,191,032	2,463,866
2014	5,959,238	2,839,547	3,119,691	1,203,444	599,119	604,325	4,755,794	2,240,428	2,515,366
2015	6,140,014	2,929,105	3,210,909	1,283,925	639,693	644,232	4,856,089	2,289,412	2,566,677
2016	6,326,257	3,021,421	3,304,836	1,367,839	682,001	685,838	4,958,418	2,339,420	2,618,998
2017	6,521,561	3,118,443	3,403,118	1,455,971	726,430	729,541	5,065,590	2,392,013	2,673,577
2018	6,728,045	3,221,332	3,506,713	1,549,059	773,347	775,712	5,178,986	2,447,985	2,731,001
2019	6,945,382	3,329,939	3,615,443	1,647,219	822,801	824,418	5,298,163	2,507,138	2,791,025
2020	7,171,128	3,443,043	3,728,085	1,750,277	874,719	875,558	5,420,851	2,568,324	2,852,527
2021	7,401,495	3,558,734	3,842,761	1,857,746	928,884	928,862	5,543,749	2,629,850	2,913,899
2022	7,632,688	3,675,079	3,957,609	1,968,986	985,007	983,979	5,663,702	2,690,072	2,973,630
2023	7,861,073	3,790,233	4,070,840	2,083,511	1,042,817	1,040,694	5,777,562	2,747,416	3,030,146
2024	8,072,324	3,896,998	4,175,326	2,197,189	1,100,509	1,096,680	5,875,135	2,796,489	3,078,646
2025	8,281,437	4,002,745	4,278,692	2,313,393	1,159,574	1,153,819	5,968,044	2,843,171	3,124,873
2026	8,490,623	4,108,426	4,382,197	2,432,396	1,220,126	1,212,270	6,058,227	2,888,300	3,169,927
2027	8,701,405	4,214,692	4,486,713	2,554,381	1,282,230	1,272,151	6,147,024	2,932,462	3,214,562
2028	8,914,391	4,321,787	4,592,604	2,678,865	1,345,579	1,333,286	6,235,526	2,976,208	3,259,318
2029	9,135,604	4,434,548	4,701,056	2,808,047	1,411,675	1,396,372	6,327,557	3,022,873	3,304,684
2030	9,362,263	4,549,883	4,812,380	2,941,334	1,479,806	1,461,528	6,420,929	3,070,077	3,350,852
2031	9,592,405	4,666,919	4,925,486	3,078,351	1,549,791	1,528,560	6,514,054	3,117,128	3,396,926
2032	9,824,600	4,785,024	5,039,576	3,218,815	1,621,495	1,597,320	6,605,785	3,163,529	3,442,256

Table 45: Projections of the elderly (60 years and above), 2012-2032 according to the medium projections scenario

Projections Year	Rwanda			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2012	510,156	206,635	303,521	52,662	22,982	29,680	457,494	183,653	273,841
2013	524,361	213,221	311,140	57,053	23,138	33,915	467,309	190,083	277,226
2014	540,319	220,571	319,748	61,347	25,026	36,321	478,971	195,545	283,426
2015	558,796	229,046	329,750	66,112	27,123	38,989	492,684	201,923	290,761
2016	580,818	239,112	341,706	71,494	29,499	41,995	509,323	209,612	299,711
2017	606,901	250,996	355,905	77,601	32,206	45,395	529,300	218,790	310,510
2018	637,317	264,812	372,505	84,533	35,295	49,238	552,784	229,517	323,267
2019	671,317	280,208	391,109	92,252	38,738	53,514	579,065	241,471	337,594
2020	707,059	296,377	410,682	100,555	42,435	58,120	606,504	253,941	352,563
2021	742,198	312,287	429,911	109,131	46,238	62,893	633,066	266,048	367,018
2022	775,241	327,262	447,979	117,755	50,033	67,722	657,487	277,229	380,258
2023	805,585	341,046	464,539	126,330	53,768	72,562	679,255	287,278	391,977
2024	833,919	353,936	479,983	134,913	57,473	77,440	699,006	296,463	402,543
2025	861,370	366,424	494,946	143,663	61,223	82,440	717,707	305,201	412,506
2026	889,569	379,219	510,350	152,846	65,146	87,700	736,723	314,073	422,650
2027	919,669	392,815	526,854	162,683	69,345	93,338	756,986	323,469	433,517
2028	952,191	407,477	544,714	173,328	73,907	99,421	778,863	333,569	445,294
2029	986,853	423,079	563,774	184,747	78,813	105,934	802,106	344,266	457,840
2030	1,023,032	439,231	583,801	196,876	84,010	112,866	826,156	355,221	470,935
2031	1,059,797	455,371	604,426	209,587	89,403	120,184	850,209	365,968	484,241
2032	1,096,746	471,247	625,499	222,832	94,946	127,886	873,914	376,301	497,613

Table 46: Projections of the elderly (65 years and above), 2012-2032 according to the medium projections scenario

Projections Year	Rwanda			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2012	334,368	130,369	203,999	34,058	13,646	20,412	300,310	116,723	183,587
2013	338,503	132,190	206,313	36,513	13,499	23,014	301,990	118,691	183,299
2014	346,050	135,678	210,372	38,973	14,515	24,458	307,077	121,163	185,914
2015	356,386	140,514	215,872	41,852	15,727	26,125	314,534	124,787	189,747
2016	368,629	146,240	222,389	45,062	17,088	27,974	323,566	129,152	194,414
2017	382,181	152,542	229,639	48,542	18,561	29,981	333,639	133,981	199,658
2018	396,628	159,230	237,398	52,257	20,134	32,123	344,372	139,096	205,276
2019	412,216	166,413	245,803	56,256	21,824	34,432	355,959	144,589	211,370
2020	429,640	174,400	255,240	60,666	23,688	36,978	368,974	150,712	218,262
2021	449,920	183,629	266,291	65,676	25,810	39,866	384,244	157,819	226,425
2022	473,681	194,344	279,337	71,435	28,251	43,184	402,247	166,093	236,154
2023	501,194	206,653	294,541	78,057	31,055	47,002	423,137	175,598	247,539
2024	531,784	220,245	311,539	85,477	34,188	51,289	446,307	186,056	260,251
2025	563,767	234,387	329,380	93,456	37,541	55,915	470,312	196,846	273,466
2026	594,910	248,119	346,791	101,620	40,944	60,676	493,289	207,175	286,114
2027	623,669	260,782	362,887	109,683	44,272	65,411	513,986	216,511	297,475
2028	649,455	272,113	377,342	117,516	47,469	70,047	531,939	224,644	307,295
2029	672,842	282,362	390,480	125,173	50,559	74,614	547,670	231,803	315,867
2030	694,877	291,985	402,892	132,843	53,631	79,212	562,035	238,354	323,681
2031	717,134	301,664	415,470	140,853	56,832	84,021	576,281	244,832	331,449
2032	740,794	311,906	428,888	149,475	60,282	89,193	591,319	251,624	339,695

Table 47:   Evolution of the size of selected population groups target of health interventions between 2012 and 2032 by area of residence according to the medium projections scenario

Projections Year	0 year			0-4 years			1-4 years			15-49 years (Females)		
	Rwanda	Urban	Rural	Rwanda	Urban	Rural	Rwanda	Urban	Rural	Rwanda	Urban	Rural
2012	313,036	46,216	266,820	1,532,834	226,305	1,306,529	1,219,798	180,089	1,039,709	2,638,451	477,864	2,160,587
2013	320,087	49,167	270,920	1,540,404	236,616	1,303,788	1,220,318	187,448	1,032,870	2,714,309	542,223	2,172,086
2014	325,392	51,968	273,424	1,553,626	248,129	1,305,497	1,228,234	196,161	1,032,073	2,793,695	578,702	2,214,993
2015	330,348	54,782	275,566	1,572,061	260,696	1,311,365	1,241,713	205,914	1,035,799	2,877,025	616,940	2,260,085
2016	335,078	57,622	277,456	1,595,359	274,345	1,321,014	1,260,281	216,724	1,043,557	2,964,689	657,155	2,307,534
2017	339,694	60,502	279,192	1,623,164	289,098	1,334,066	1,283,469	228,596	1,054,873	3,056,767	699,507	2,357,260
2018	344,124	63,424	280,700	1,648,441	303,818	1,344,623	1,304,317	240,394	1,063,923	3,152,855	744,087	2,408,768
2019	348,415	66,383	282,032	1,672,663	318,688	1,353,975	1,324,247	252,305	1,071,942	3,252,280	790,791	2,461,489
2020	352,583	69,377	283,206	1,696,055	333,728	1,362,327	1,343,472	264,351	1,079,121	3,353,961	839,449	2,514,512
2021	356,709	72,419	284,290	1,718,786	348,948	1,369,838	1,362,077	276,529	1,085,548	3,456,743	889,838	2,566,905
2022	360,858	75,523	285,335	1,740,936	364,355	1,376,581	1,380,078	288,832	1,091,246	3,559,259	941,664	2,617,595
2023	364,790	78,650	286,140	1,762,440	379,990	1,382,450	1,397,650	301,340	1,096,310	3,654,061	993,087	2,660,974
2024	368,549	81,797	286,752	1,783,292	395,791	1,387,501	1,414,743	313,994	1,100,749	3,747,406	1,045,520	2,701,886
2025	372,161	84,971	287,190	1,803,513	411,773	1,391,740	1,431,352	326,803	1,104,549	3,838,290	1,098,734	2,739,556
2026	375,527	88,150	287,377	1,822,957	427,917	1,395,040	1,447,431	339,767	1,107,664	3,925,414	1,152,420	2,772,994
2027	378,549	91,313	287,236	1,841,303	444,154	1,397,149	1,462,754	352,842	1,109,912	4,007,949	1,206,334	2,801,615
2028	380,690	94,334	286,356	1,857,849	460,369	1,397,480	1,477,159	366,035	1,111,124	4,087,105	1,260,631	2,826,474
2029	382,141	97,225	284,916	1,872,087	476,302	1,395,785	1,489,947	379,076	1,110,871	4,164,162	1,315,691	2,848,471
2030	383,244	100,063	283,181	1,883,827	491,859	1,391,968	1,500,583	391,796	1,108,787	4,239,595	1,371,558	2,868,037
2031	383,961	102,830	281,131	1,892,936	506,956	1,385,980	1,508,975	404,126	1,104,849	4,314,272	1,428,370	2,885,902
2032	384,244	105,505	278,739	1,899,338	521,517	1,377,821	1,515,095	416,012	1,099,083	4,388,877	1,486,255	2,902,622

Table 48: **Evolution of the size of selected population groups target of children and youth interventions between 2012 and 2032 according to the medium projections scenario**

Projections Year	0-17 years			14-35 years			15-24 years		
	Rwanda	Urban	Rural	Rwanda	Urban	Rural	Rwanda	Urban	Rural
2012	4,991,864	721,054	4,270,810	4,174,823	842,648	3,332,175	2,134,864	416,262	1,718,602
2013	5,073,898	763,459	4,310,439	4,285,948	896,635	3,389,313	2,167,782	439,126	1,728,656
2014	5,157,636	807,237	4,350,399	4,392,503	952,668	3,439,835	2,202,787	462,657	1,740,130
2015	5,241,919	852,424	4,389,495	4,498,501	1,009,703	3,488,798	2,242,647	487,657	1,754,990
2016	5,326,893	899,133	4,427,760	4,607,322	1,068,494	3,538,828	2,290,769	514,936	1,775,833
2017	5,412,051	947,317	4,464,734	4,721,242	1,129,731	3,591,511	2,349,121	545,108	1,804,013
2018	5,494,720	996,296	4,498,424	4,840,379	1,193,772	3,646,607	2,417,610	578,411	1,839,199
2019	5,571,555	1,045,344	4,526,211	4,962,392	1,260,237	3,702,155	2,494,226	614,599	1,879,627
2020	5,640,568	1,093,790	4,546,778	5,083,971	1,328,606	3,755,365	2,575,621	653,187	1,922,434
2021	5,701,694	1,141,318	4,560,376	5,202,717	1,398,529	3,804,188	2,657,779	693,473	1,964,306
2022	5,756,476	1,188,024	4,568,452	5,304,330	1,467,186	3,837,144	2,736,787	734,621	2,002,166
2023	5,807,289	1,234,019	4,573,270	5,402,722	1,536,812	3,865,910	2,797,989	773,109	2,024,880
2024	5,857,160	1,280,362	4,576,798	5,498,234	1,607,700	3,890,534	2,854,389	811,673	2,042,716
2025	5,909,048	1,327,878	4,581,170	5,591,155	1,679,810	3,911,345	2,903,667	849,336	2,054,331
2026	5,977,644	1,380,649	4,596,995	5,682,044	1,753,154	3,928,890	2,942,874	884,803	2,058,071
2027	6,049,275	1,435,339	4,613,936	5,777,914	1,829,228	3,948,686	2,970,403	917,121	2,053,282
2028	6,122,941	1,492,321	4,630,620	5,877,177	1,907,306	3,969,871	2,992,976	946,981	2,045,995
2029	6,197,856	1,551,075	4,646,781	5,979,428	1,987,798	3,991,630	3,010,562	975,100	2,035,462
2030	6,273,452	1,611,475	4,661,977	6,084,090	2,070,497	4,013,593	3,025,507	1,002,228	2,023,279
2031	6,342,657	1,671,401	4,671,256	6,190,425	2,155,088	4,035,337	3,040,724	1,029,398	2,011,326
2032	6,406,690	1,731,120	4,675,570	6,297,405	2,241,175	4,056,230	3,059,120	1,057,735	2,001,385

Table 49: Evolution of the size of relevant legal majority age groups between 2012 and 2032 by area of residence according to the medium projections scenario

Projections Year	14 years and above			16 years and above			18 years and above			21 years and above		
	Rwanda	Urban	Rural	Rwanda	Urban	Rural	Rwanda	Urban	Rural	Rwanda	Urban	Rural
2012	6,405,570	1,160,797	5,244,773	5,937,893	1,087,918	4,849,975	5,490,777	1,011,121	4,479,656	4,848,146	890,528	3,957,618
2013	6,596,602	1,239,899	5,356,703	6,119,223	1,162,336	4,956,887	5,662,873	1,080,582	4,582,291	5,011,694	953,477	4,058,217
2014	6,795,233	1,325,110	5,470,123	6,305,287	1,242,417	5,062,870	5,839,254	1,155,708	4,683,546	5,177,703	1,021,746	4,155,957
2015	7,004,506	1,414,734	5,589,772	6,496,401	1,325,777	5,170,624	6,020,645	1,233,967	4,786,678	5,346,449	1,092,528	4,253,921
2016	7,226,188	1,509,293	5,716,895	6,694,886	1,412,901	5,281,985	6,206,552	1,315,289	4,891,263	5,518,433	1,165,904	4,352,529
2017	7,460,147	1,609,027	5,851,120	6,903,741	1,504,513	5,399,228	6,397,249	1,399,782	4,997,467	5,694,352	1,242,046	4,452,306
2018	7,704,556	1,714,002	5,990,554	7,124,673	1,601,316	5,523,357	6,595,001	1,488,142	5,106,859	5,874,843	1,321,332	4,553,511
2019	7,956,601	1,823,789	6,132,812	7,357,597	1,703,475	5,654,122	6,802,843	1,581,122	5,221,721	6,059,459	1,403,656	4,655,803
2020	8,212,980	1,937,924	6,275,056	7,600,768	1,810,943	5,789,825	7,022,548	1,679,432	5,343,116	6,248,498	1,489,152	4,759,346
2021	8,470,548	2,055,902	6,414,646	7,851,415	1,923,423	5,927,992	7,254,070	1,783,445	5,470,625	6,444,343	1,578,561	4,865,782
2022	8,714,324	2,174,755	6,539,569	8,106,369	2,040,420	6,065,949	7,495,796	1,893,130	5,602,666	6,650,118	1,672,952	4,977,166
2023	8,957,448	2,296,687	6,660,761	8,362,267	2,161,568	6,200,699	7,744,746	2,008,306	5,736,440	6,867,439	1,773,344	5,094,095
2024	9,199,960	2,421,830	6,778,130	8,604,108	2,282,666	6,321,442	7,997,699	2,127,933	5,869,766	7,096,263	1,879,734	5,216,529
2025	9,441,910	2,550,127	6,891,783	8,845,205	2,406,849	6,438,356	8,251,497	2,251,199	6,000,298	7,334,889	1,991,907	5,342,982
2026	9,683,434	2,681,529	7,001,905	9,085,533	2,534,016	6,551,517	8,491,116	2,373,995	6,117,121	7,580,507	2,109,255	5,471,252
2027	9,931,135	2,817,475	7,113,660	9,325,074	2,664,063	6,661,011	8,729,767	2,499,581	6,230,186	7,829,815	2,230,917	5,598,898
2028	10,183,139	2,957,358	7,225,781	9,563,846	2,796,381	6,767,465	8,967,310	2,627,317	6,339,993	8,079,525	2,356,249	5,723,276
2029	10,438,987	3,101,406	7,337,581	9,808,446	2,933,220	6,875,226	9,203,735	2,757,520	6,446,215	8,314,668	2,479,428	5,835,240
2030	10,698,360	3,249,593	7,448,767	10,057,141	3,074,177	6,982,964	9,439,193	2,890,198	6,548,995	8,548,435	2,604,916	5,943,519
2031	10,961,067	3,401,916	7,559,151	10,309,539	3,219,205	7,090,334	9,680,333	3,027,340	6,652,993	8,780,850	2,732,669	6,048,181
2032	11,226,855	3,558,359	7,668,496	10,565,394	3,368,290	7,197,104	9,925,493	3,168,535	6,756,958	9,012,008	2,862,665	6,149,343

Table 50: Projections of the number and size of the total private households and the newly created households, 2012-2032 according to the medium projections scenario

Projections Year	Total Population	Mean size	Total Households	Newly households to be created
2012	10,482,641	4.3	2,437,823	
2013	10,736,771	4.2	2,532,257	94,434
2014	10,996,891	4.2	2,630,835	98,578
2015	11,262,564	4.1	2,733,632	102,797
2016	11,533,445	4.1	2,840,750	107,118
2017	11,809,300	4.0	2,952,325	111,575
2018	12,089,721	3.9	3,068,457	116,132
2019	12,374,397	3.9	3,189,278	120,820
2020	12,663,116	3.8	3,314,952	125,674
2021	12,955,763	3.8	3,445,682	130,730
2022	13,252,272	3.7	3,581,695	136,013
2023	13,552,035	3.6	3,723,087	141,391
2024	13,854,858	3.6	3,870,072	146,986
2025	14,160,545	3.5	4,022,882	152,810
2026	14,468,760	3.5	4,181,723	158,840
2027	14,779,042	3.4	4,346,777	165,055
2028	15,090,251	3.3	4,518,039	171,262
2029	15,401,591	3.3	4,695,607	177,568
2030	15,712,645	3.2	4,879,703	184,096
2031	16,022,989	3.2	5,070,566	190,863
2032	16,332,184	3.1	5,268,446	197,880

Table 51: Projections of the number and size of the urban private households and the newly created households, 2012-2032 according to the medium projections scenario

Projections Year	Urban Population	Mean size	Total Households	Newly households to be created
2012	1,732,175	4.1	422,482	
2013	1,844,040	4.1	455,319	32,837
2014	1,962,945	4.0	490,736	35,418
2015	2,086,390	4.0	528,200	37,464
2016	2,214,421	3.9	567,800	39,600
2017	2,347,098	3.9	609,636	41,836
2018	2,484,438	3.8	653,799	44,164
2019	2,626,466	3.8	700,391	46,591
2020	2,773,222	3.7	749,519	49,129
2021	2,924,764	3.7	801,305	51,786
2022	3,081,153	3.6	855,876	54,571
2023	3,242,324	3.6	913,331	57,455
2024	3,408,295	3.5	973,799	60,468
2025	3,579,078	3.5	1,037,414	63,615
2026	3,754,643	3.4	1,104,307	66,893
2027	3,934,920	3.4	1,174,603	70,296
2028	4,119,638	3.3	1,248,375	73,772
2029	4,308,595	3.3	1,325,722	77,346
2030	4,501,673	3.2	1,406,773	81,051
2031	4,698,742	3.2	1,491,664	84,891
2032	4,899,655	3.1	1,580,534	88,870

Table 52: **Projections of the number and size of the rural private households and the newly created households, 2012-2032 according to the medium projections scenario**

Projections Year	Rural Population	Mean size	Total Households	Newly households to be created
2012	8,750,466	4.3	2,015,342	
2013	8,892,731	4.3	2,076,939	61,597
2014	9,033,946	4.2	2,140,099	63,160
2015	9,176,174	4.2	2,205,432	65,333
2016	9,319,024	4.1	2,272,950	67,518
2017	9,462,202	4.0	2,342,689	69,739
2018	9,605,283	4.0	2,414,658	71,968
2019	9,747,931	3.9	2,488,887	74,229
2020	9,889,894	3.9	2,565,432	76,546
2021	10,030,999	3.8	2,644,376	78,944
2022	10,171,119	3.7	2,725,819	81,443
2023	10,309,711	3.7	2,809,756	83,937
2024	10,446,563	3.6	2,896,273	86,518
2025	10,581,467	3.5	2,985,468	89,195
2026	10,714,117	3.5	3,077,416	91,948
2027	10,844,122	3.4	3,172,174	94,758
2028	10,970,613	3.4	3,269,664	97,490
2029	11,092,996	3.3	3,369,885	100,221
2030	11,210,972	3.2	3,472,931	103,045
2031	11,324,247	3.2	3,578,902	105,971
2032	11,432,529	3.1	3,687,913	109,011

**PERSONS AND INSTITUTIONS THAT CONTRIBUTED TO
THE FOURTH RWANDA POPULATION AND HOUSING CENSUS, 2012**

National Census Commission

Chairperson:
Claver GATETE   Minister of Finance and Economic Planning
John RWANGOMBWA   Former Minister of Finance and Economic Planning
Vice Chairperson:
James MUSONI   Minister of Local Government
Secretary:
Yusuf MURANGWA   Director General of NISR
Dr. Diane KARUSISI   Former Acting Director General of NISR

Members of the National Census Commission

Venantia TUGIREYEZU   Minister in the Office of the President
Stella Ford MUGABO   Minister of Cabinet Affairs
James KABAREBE   Minister of Defense
Sheikh Mussa HARERIMANA   Minister of Internal Security
Louise MUSHIKIWABO   Minister of Foreign Affairs and Cooperation
Dr. Vincent BIRUTA   Minister of Education
Dr. Mathias HAREBAMUNGU   Minister of State in charge of Primary and Secondary Education
Dr. Agnes BINAGWAHO   Minister of Health
Odda GASINZIGWA   Minister in Prime Minister's Office in charge of Gender and Family Promotion
Jean Philbert NSENGIMANA   Minister of Youth and ICT
Prof. Silas LWAKABAMBA   Minister of Infrastructure
Albert NSENGIYUMVA   Former Minister of Infrastructure
Anastase MUREKEZI   Minister of Public Service and Labour
Stanislas KAMANZI   Minister of Natural Resources
Willy RUKUNDO   Former Acting Director General of ORINFOR
Arthur ASIIMWE   Director General of RBA
Hannington NAMARA   CEO of the Private Sector Federation
Robert BAYIGAMBA   Former CEO of the Private Sector Federation

National Technical Committee

Chairperson:
 Leonard MINEGA RUGWABIZA

Former Director of National Development Planning and Research in MINECOFIN

Vice Chairperson:
 Egide RUGAMBA

Director General of Planning in MINALOC

Secretary:
 Prosper NKAKA MUTIJIMA

Census Coordinator of the RPHC4

Members of the National Technical Committee

Dr. Agnes NTIBANYURWA

Assistant Representative of UNFPA in charge of Population and Development
Director General of Rwanda Housing Authority

Esther MUTAMBA	Director General of Labour and Employment
Anna MUGABO	Director General of Education
Dr. Erasme RWANAMIZA	Director of Planning in MINIRENA
Innocent MUSABYIMANA	Director of Planning and M&E in MIGEPROF
Jeanne d'Arc UMULISA	Director of Planning in MINISANTE
Parfait UWARIRAYE	Director of Youth Employment and Program Coordination
Redempter BATETE MUKUNZI	Former Executive Director of IPAR-Rwanda
Antonio MUTORO	

Branches of the National Census Commission
Members of the Branches of the NCC at Province Level (Governors of Provinces)

Kigali City:
Fidele NDAYISABA, Mayor

Sothern Province:
Alphonse MUNYENTWARI, Governor

Western Province:
Celestin KABAHIZI, Former Governor
Caritas MUKANDASIRA, Governor

Northern Province:
Aime BOSENIBAMWE, Governor

Eastern Province:
Odette UWAMARIYA, Governor
Members of the Branches of the NCC at District Level (Mayors of Districts)

Solange MUKASONGA	Nyarugenge District	Gedeon RUBONEKA	Ngororero District
Willy NDIZEYE	Gasabo District	Oscar NZEYIMANA	Rusizi District
Paul Jules NDAMAGE	Kicukiro District	Jean Baptiste HABYARIMANA	Nyamasheke District
Abdallah MURENZI	Nyanza District	Justus KANGWAGYE	Rulindo District
Leandres KAREKAZI	Gisagara District	Deogratias NZAMWITA	Gakenke District
Francois HABITEGEKO	Nyaruguru District	Winifrida MPEBYEMUNGU	Musanze District
Eugene MUZUKA KAYIRANGA	Huye District	Samuel SEMBAGARE	Burera District
Philbert MUGISHA	Nyamagabe District	Alexandre MVUYEKURE	Gicumbi District
Francois Xavier MBABAZI	Ruhango District	Nehemie UWIMANA	Rwamagana District
Yvonne MTAKWASUKU	Muhanga District	Fred SABITI ATUHE	Nyagatare District
Jacques RUTSINGA	Kamonyi District	Ambrose RUBONEZA	Gatsibo District
Bernard KAYUMBA	Karongi District	John MUGABO	Kayonza District
Gaspard BYUKUSENGE	Rutsiro District	Protais MURAYIRE	Kirehe District
Sheikh Hassan BAHAME	Rubavu District	Aphrodice NAMBAJE	Ngoma District

| Abdoulatif TWAHIRWA | Nyabihu District | Louis RWAGAJU | Bugesera District |

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Dr. Diane KARUSISI, Former Acting Director General of NISR

Census Technical Director
Willy MPABUKA GASAFARI

Census National Coordinator
Prosper NKAKA MUTIJIMA

Census Field Operations

Census National Coordinators

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Major-General Jacques MUSEMAKWELI	Rwanda Defence Force
Eric KAYIRANGA	Rwanda National Police
Alex MUGISHA	Rwanda Correctional Services

Census Province Coordinators

Juvenal MUNYARUGERERO	Kigali City
Baudouin RUTERANA	Southern Province
Willy MPABUKA GASAFARI	Western Province
Francois SEKAMONDO	Northern Province
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Census District Coordinators

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Franck Mine	Gasabo District	Jean BIZIMANA	Nyamasheke District
Jean Paul RUSHAKU	Kicukiro District	Issa MUSABEMUNGU	Rulindo District
Francois ABALIKUMWE	Nyanza District	Clement BIZIMUNGU	Gakenke District
Evelyne KANYONGA	Gisagara District	Beatrice UWAYEZU	Musanze District
Etienne KWIZERA	Nyaruguru District	Esther MAHUKU	Burera District
Juvenal NTAMBARA	Huye District	Vital HABINSHUTI	Gicumbi District
Albert KARERA	Nyamagabe District	Ephrem RUKUNDO	Rwamagana District
Annonciata MUKABAGIRE	Ruhango District	Dominique M. KANOBANA	Nyagatare District
Francois KABAYIZA	Muhanga District	Nicolas MWIZERWA	Nyagatare District
Andre KAJABIKA	Kamonyi District	David MASENGEHO	Gatsibo District
Jean Baptiste SERUGENDO	Karongi District	Venuste NKURUNZIZA	Kayonza District
Jean Marc MUKUNDABANTU	Rutsiro District	Basile NJAMAHORO	Kirehe District
Jean MUGABO	Rubavu District	Dominique MICOMYIZA	Ngoma District
Immaculee MUKANGENDO	Nyabihu District	Eugene UWIRAGIYE	Ngoma District
Olivier MBANGUTSE	Ngororero District	Florence UWIMBABAZI	Bugesera District
Wellars MUDASHIMA	Rusizi District		

Zone and Sector Controllers and Enumerators

Zone Controllers:
127 (mostly Districts Education Officers and Headmasters of some Secondary Schools)

Sector Controllers:
451 (mostly Sector Education Officers)

Enumerators:
24,005 (mostly Primary School Teachers)

Cartography and Data Processing

Programmer:
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　Donath NKUNDIMANA
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　Albert KARERA
　James RWAGASANA
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　Pierre Claver KABANDANA

Administration and Finance

Odette MBABAZI	Deputy Director General in charge of Corporate Services in NISR
Didier GAKUBA	Former Director of Finance in NISR
Liberal SEBULIKOKO	Former Coordinator of Basket Fund
Jean Pierre UWINEZA	Former Acting Director of Finance in NISR
Andre GASHUGI	Director of Administration in NISR
Silas MUNYEMANA	Director of Finance in NISR
Jerome UWIBAMBE	Accountant in NISR
Alicia INGABIRE	Accountant in NISR
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Esperance UWIMANA	Former HR Manager of Temporary Staff in NISR
Nina RURANGIRWA	HR Manager of Temporary Staff in NISR
Maureen TWAHIRWA	Former Public Relations Officer
Yolande KABEGA	Former Public Relations Officer
Antoinette HABINSHUTI	Planning Officer
Theodore RUGANZU	Former Planning Officer
Jean Paul NDISANZE	Planning Officer
Hassan YAHYA	Coordinator of Basket Fund
Eric BUGINGO	Procurement Officer
Alphonse SHUMBUSHO	Procurement Officer
Gerald YEMUKAMA	Procurement Officer
Nadine BABYEYI	Administrative Assistant
Elias DUSENGE	Messenger
Sita KAZIMBAYA	Messenger

Census Data Analysis
National Data Analysts

Jean RUGARAMA	Population Size and Spatial Distribution
Dieudonne MUHOZA	Marital Status and Nuptiality
Beatrice UWAYEZU	Fertility
Willy MPABUKA GASAFARI	Mortality
Dr. Bosco BINENWA	Socio-Cultural Characteristics of the Population
Pierre Claver RUTAYISIRE	Migration and Spatial Mobility
Prof. Emmanuel TWARABAMENYE	Characteristics of Housing and Households
James BYIRINGIRO	Labour Force
Charles RURANGA	Measurement and Mapping of Non-Monetary Poverty
Annonciata MUKABAGIRE	Education
Dominique M.KANOBANA	Gender
Apolline MUKANYONGA	Socio-Economic Status of Persons with Disability
Jules RUBYUTSA	Socio-Economic Status of Children
Venant HABARUGIRA	Socio-Economic Status of Youth
Michel NDAKIZE	Socio-Economic Status of Elderly
Prosper NKAKA MUTIJIMA	Population Projections

International Technical Support

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United Nations Population Fund (UNFPA):
  Dr, Bolaji TAIWO, Chief Technical Adviser
  Dr. Mady BIAYE, Regional Technical Adviser
  Jean Marc HIE, International Data Processing Expert
  Dr. Macoumba THIAM, International Census Analyst
  Dr. Ben MWASI, International GIS Expert

Oxford Policy Management (OPM):

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Felix SCHMIEDING	Juste NITIEMA
Cora MEZGER Jean Michel	Prof. James BROWN
DURR	Wine LANGERAAR
Gilberto RIBEIRO	Stephi SPRINGHAM
Philippe N. GAFISHI	Sophia KAMARUDEEN
Prof. Sabu PADMADAS	Paul JASPER
	Johnson FIFI

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