



THE UNITED REPUBLIC OF TANZANIA

KUSINI PEMBA REGION POPULATION PROJECTIONS 2023 - 2050





The United Republic of Tanzania

Kusini Pemba Region Population Projections 2023 - 2050

National Bureau of Statistics
Ministry of Finance
Tanzania

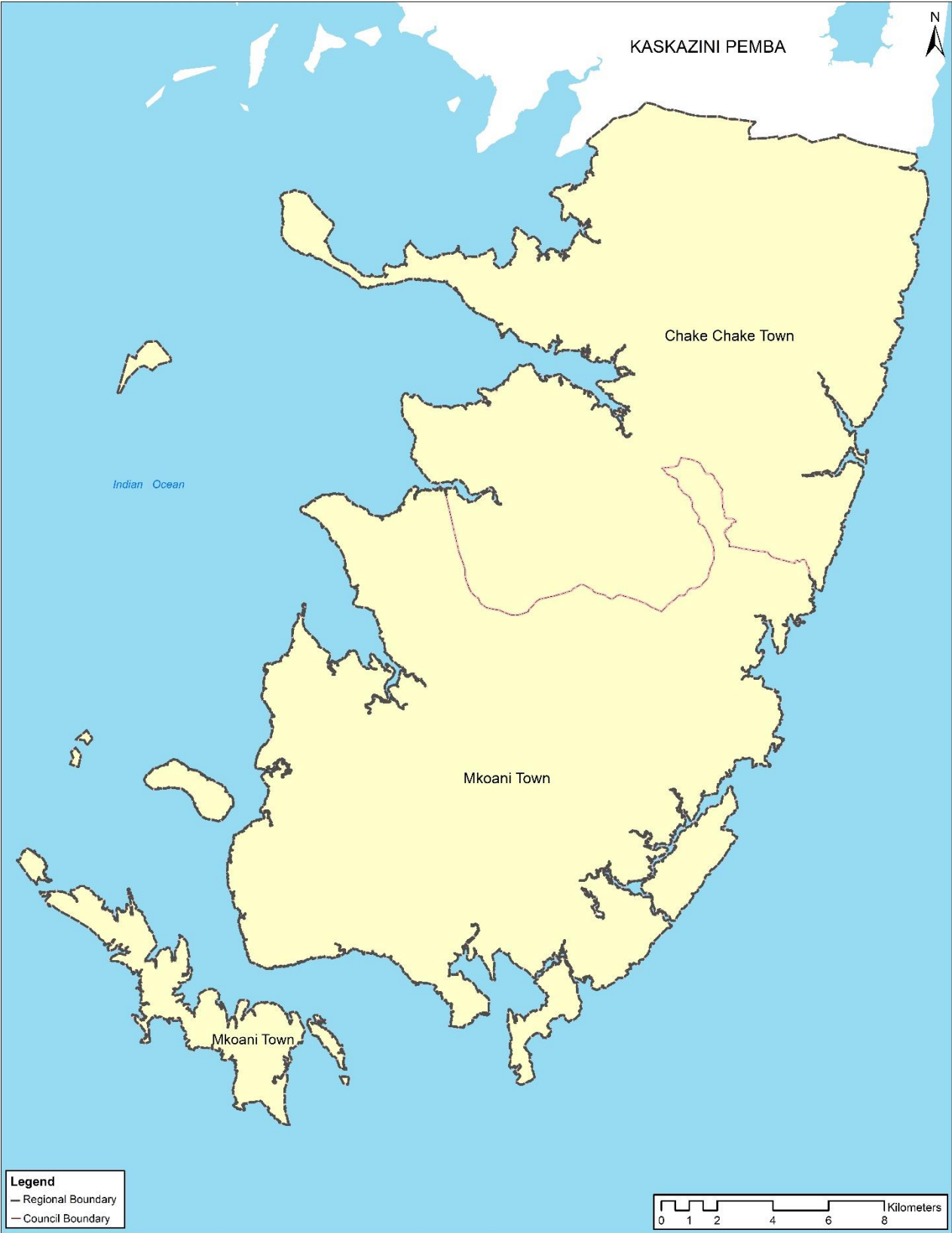
Office of the Chief Government Statistician
President's Office - Finance and Planning
Zanzibar

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KUSINI PEMBA REGION ADMINISTRATIVE BOUNDARIES



Foreword



The 2022 Population and Housing Census (PHC) for the United Republic of Tanzania had its reference as the midnight of the 22nd/23rd August 2022. This was the Sixth and the first digital Census after the Union of Tanganyika and Zanzibar in 1964. Other



post union censuses were carried out in 1967, 1978, 1988, 2002 and 2012. The Sixth Phase Government of Tanzania under the leadership of Her Excellency Dr. Samia Suluhu Hassan, and the Eighth Phase Government of Zanzibar under the leadership of His Excellency Dr. Hussein Ali Mwinyi, like the previous phases, have fulfilled their obligation of conducting the 2022 PHC according to the United Nations Principles and Recommendations for the Population and Housing Census. **We owe them much appreciation for their commitment and support during Census implementation.**

Population and Housing Census is undertaken at ten years intervals to provide current population counts and other socio-demographic indicators. However, these censuses provide statistics at a point in time, and do not account for the continuous change in population over time. It is thus important to provide information on population changes during intercensal periods to inform planning and development initiatives through population projections. Population projections will also assist the Government and stakeholders in monitoring and evaluating various national, regional and international development frameworks including the Tanzania Development Vision 2025 and Zanzibar Development Vision 2050; the Third National Five-Year Development Plan 2021/22 - 2025/26 and Zanzibar Development Plan 2021/22 - 2025/26; the East African Community Vision 2050; the Southern African Development Community Vision 2050, the African Development Agenda 2063 and Tanzania Development Vision 2050.

Furthermore, population projections provide the demographic foundation to inform immediate policy adjustments and resource allocation decisions; modelling long-term demographic trends and their development implications that can respond to evolving population dynamics. Since population growth and distribution contribute to many development challenges, such projections are necessary to demonstrate the future magnitude of those challenges.

The Regional Population Projections Report is the seventh in a series of major planned publications for the 2022 PHC. The main purpose of this report is to assist policymakers, planners, and the general public in accessing statistical information at a lower level to estimate future resource and service needs of the population and thus plan accordingly. Projected numbers will also assist researchers in undertaking research activities in various fields.

The success of the 2022 PHC depended on the cooperation and contributions from the Government, specifically Census Committees from national level to the lowest administrative level. These include the National Central Census Committee; National Census Advisory Committee; National Census Technical Committee; Census Committees at regional, district, wards, village/mtaa and hamlet levels. There were also forums from Non-States Actors including Collaborators Forum, Private Sector, various institutions and the public at large.

A word of thanks goes to Government leaders at all levels, particularly, Minister for Finance; Minister for Lands, Housing and Human Settlements Development, Minister of State - President's Office, Finance and Planning, Zanzibar; Minister for Lands and Housing Development Zanzibar; Members of Parliament and Members of the House of Representatives. Further, appreciation is extended to Councillors/Shehas; Regional and District Census Committees chaired by Regional and District Commissioners of respective areas; Census Coordinators (National and Zanzibar); Regional and District Census Coordinators; Supervisors; Enumerators; Local leaders and all respondents (heads of households, members of households and other individuals).

Special gratitude is extended to the following Development Partners:- United Nations Population Fund (UNFPA); World Bank (WB); United Nations Children's Fund (UNICEF); UN-Women; International Organization for Migration (IOM); United States Agency for International Development (USAID); Foreign, Commonwealth and Development Office (FCDO); United States Census Bureau (USCB), The Republic of South Korea, The People's Republic of China and other Development Partners for providing equipment, expertise, training and financial support in making the 2022 Population and Housing Census a success. We also thank religious, traditional and political leaders, non-governmental organization leaders, the media and all citizens and non-citizens in general for their participation and contributions in the successful implementation of the Census.

Special thanks also go to Honourable Anne Semamba Makinda - Census Commissar for Mainland Tanzania and Former Speaker of the National Assembly and Honourable Ambassador Mohamed Haji Hamza - Census Commissar for Tanzania Zanzibar, for their effective leadership and management in educating and sensitizing all citizens and non-citizens to participate in the 2022 Population and Housing Census thus, resulting in enhanced quality, smooth and timely execution of the Census exercise. We also thank Dr. Albina Chuwa, former Statistician General, for her invaluable contributions to successfully implementing the census 2022.

Finally, we acknowledge the unprecedented efforts and commitment of the management and staff of the National Bureau of Statistics, Office of the Chief Government Statistician, Zanzibar; Ministry of Lands, Housing and Human Settlements Development; Ministry of Information, Communication and Technology; and other Government officials who worked tirelessly to ensure that the 2022 Population and Housing Census was implemented successfully.



Kassim Majaliwa Majaliwa (MP)
Prime Minister of
The United Republic of Tanzania



Hemed Suleiman Abdulla (MRC)
Second Vice President of Zanzibar

Acknowledgement

The National Bureau of Statistics and Office of the Chief Government Statistician, Zanzibar conducted the 2022 Population and Housing Census and the Tanzania Buildings Census to provide necessary information for policy implementation, planning, monitoring and evaluation of development processes. The Census collected detailed information on demographic characteristics, disabilities, migration, possession of national documents and orphanhood, education, economic activities, land ownership and information related to ICT ownership and use, fertility, mortality, housing ownership and assets, agriculture, community facilities and buildings. Some information on physical addresses was also collected.

The preparation of Regional Population Projections Report 2023-2050 is part of the activities in the series of further analysis and production of reports based on the 2022 Population and Housing Census data. Kusini Pemba Region Population Projections Report 2023-2050, estimates future population, providing the demographic changes that reflect the region's developmental challenges and opportunities.

We therefore express our appreciation to all experts who have put their time and efforts to produce this report. In particular we would like to thank Dr. Ruth Davison Minja, the Director of Population Census and Social Statistics NBS; Fahima Mohamed Issa, Director of Social Statistics, Census and Survey, (OCGS); Seif Ahmad Kuchengo, the National Census Coordinator; Abdul-majid Jecha Ramadhan, the Tanzania Zanzibar Census Coordinator, National Census Technical Team, Statisticians, Demographers, Information Technology and Geographic Information System officers for their commitment which led to successful completion of this report.

We also extend our appreciation to all professionals, regional and district supervisors, enumerators, and field supervisors, as well as the media, for their dedicated work. Certainly, the census would not have been successful without their commitment and dedication. We would also like to thank the public for their cooperation during the entire period of the Census.



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Executive Summary

Kusini Pemba Region Population Projections Report presents population projections to the council level for the period of 2023 to 2050. These population projections are based on Cohort Component Technique and were done by using a computer application commonly known as Spectrum Version 6.36, specifically DemProj tool. DemProj is a computer program for making population projections for countries or regions. The program requires information on the number of people by age and sex in the base year, as well as current year data and future assumptions about the Total Fertility Rate (TFR), the age distribution of fertility, life expectancy at birth by sex, the most appropriate model life table and the magnitude and pattern of international migration.

Regional population projections utilizes all three components for population change, namely fertility, mortality and migration. Internal migration was used to establish net regional migration for projecting future trend of population flow. The report gives fertility and mortality levels, as well as estimated total population by sex in five-year age groups including a summary of key demographic indicators at regional level.

Chapter One presents an overview of the 2022 PHC. Results show that the pyramids for Tanzania Zanzibar and Kusini Pemba Region as per the 2022 PHC has a broad base which indicates high fertility and a youthful age structure, with a large proportion of its population in the young and/or youthful ages. Conversely, a slightly narrower base is observed in 2050 population projections pyramids, this indicates declining in fertility.

Chapter Two provides the methodology adopted for conducting the projection. Before projections were made, the 2022 population as enumerated in 23rd August, 2022 was adjusted to mid-year of 2022 (01st July 2022) using population growth rate based on estimated fertility and mortality. Evaluation and adjustment were done through Demographic Analysis and Population Projection System (DAPPS Version 3.3) spreadsheet developed by the US Census Bureau. During this process, regional population projection was adjusted to accommodate 1.1 percent of under-enumerated population during census undertaking as revealed by the 2022 PHC Post-Enumeration Survey (PES).

Chapter Three highlights projection results for selected indicators. Results from the Kusini Pemba Region population projections show that, population growth rate will decrease from

3.3 percent in 2023 (with a population of 283,901) to 2.8 percent in 2050 (with a population of 605,387).

Fertility levels are projected to decline in Kusini Pemba Region during the projection period. Total Fertility Rate (TFR) is projected to decline from 6.5 children per woman in 2023 to 3.6 children per woman in 2050.

Mortality estimates further show that life expectancy at birth for Kusini Pemba Region is expected to increase from 67.9 years in 2023 to 76.1 years in 2050.

Age dependency ratio for Kusini Pemba Region is expected to decrease from 103 for every 100 working persons in 2023 to 75 dependants in 2050.

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Abbreviations and Acronyms

AIDS	-	Acquired Immuno-Deficiency Syndrome
ASFR	-	Age Specific Fertility Rate
CBR	-	Crude Birth Rate
CDR	-	Crude Death Rate
DemProj	-	Demographic Projection Package
GR	-	Growth Rate
HIV	-	Human Immunodeficiency Virus
IMR	-	Infant Mortality Rate
IDB	-	International Database
LE	-	Life Expectancy at Birth
NBS	-	National Bureau of Statistics
NRR	-	Net Reproduction Rate
OCGS	-	Office of Chief Government Statistician
PES	-	Post-Enumeration Survey
PHC	-	Population and Housing Census
RUP	-	Rural Urban Projection
SDGs	-	Sustainable Development Goals
TDHS	-	Tanzania Demographic and Health Survey
TFR	-	Total Fertility Rate
UNFPA	-	United Nations Population Fund
USAID	-	United States Agency for International Development
e ₀	-	Life Expectancy at Birth



CHAPTER ONE

Introduction

1.0 Background

The 2022 Population and Housing Census was the sixth and the first digital census to be undertaken in Tanzania after the Union of Tanganyika and Zanzibar in 1964. Other post union censuses were carried out in 1967, 1978, 1988, 2002 and 2012. The 2022 PHC was carried out with the reference of midnight of the 22nd/23rd August 2022. The main objective of conducting census was to provide up-to-date and reliable data that are essential for the formulation of realistic development plans and making informed decisions for socio-economic development.

Population censuses are among the most important sources of demographic and socio-economic data in the country for preparation, monitoring and evaluation of social and economic development policies and programmes. Census data with other information from administrative sources and surveys are of paramount importance for tracking the implementation of national, regional, continental and global development goals such as the Tanzania Third National Five-Year Development Plan 2021/22 - 2025/26 and Zanzibar Development Plan 2021/22 - 2025/26; the East African Community Vision 2050; the Southern African Development Community Vision 2050, the 2030 Sustainable Development Goals (SDGs) and Africa Agenda of 2063.

Between the 2022 PHC and the next census, there is a need for updated population information to provide the needed statistics to achieve those development goals. The National Bureau of Statistics and the Office of Chief Government Statistician, Zanzibar have computed population projections to offer insights into the future demographic dynamics, informing planners, policy makers, researchers and the public in general about potential changes. Population projections are computed estimates of future population sizes and structures based on the past and current situation of a population.

In this report, brief explanation of the methodology used to make projections is presented together with the projected population for the period of 2023 to 2050 at Regional and Councils levels. It is anticipated that projected numbers in this report will be used by data users for planning, as well as to monitor and evaluate progress made towards achieving national, regional and international development agenda.

Population can be projected by interpolation or extrapolation. If the desired date is between census dates, then an interpolation method is the desired one. Projected population is obtained by interpolating between the two censuses. Interpolation can be made using either the same cohort or the same age groups in the census.

Cohort interpolation is advisable if the age information is reliable. This technique is recommended if data is available by single years for populations that have actual and significant age fluctuations. In addition, information on annual inter-censal births is needed for determining the number of persons born during the inter-censal period (i.e. those who were only enumerated in the preceding census).

Interpolation, using the same age groups in each census, is frequently used in developing countries including Tanzania, since information on single years is unreliable and the age structure usually does not have actual fluctuations. The procedure is acceptable particularly when the interpolation date is close to the census date. The interpolation can be made either linearly or exponentially. If the desired date is close to the one for the census dates, both possibilities give similar results. However, if the interpolation date is several years from the census date, linear interpolation produces higher values than exponential interpolation. In most cases, the exponential interpolation is more suitable than the linear interpolation.

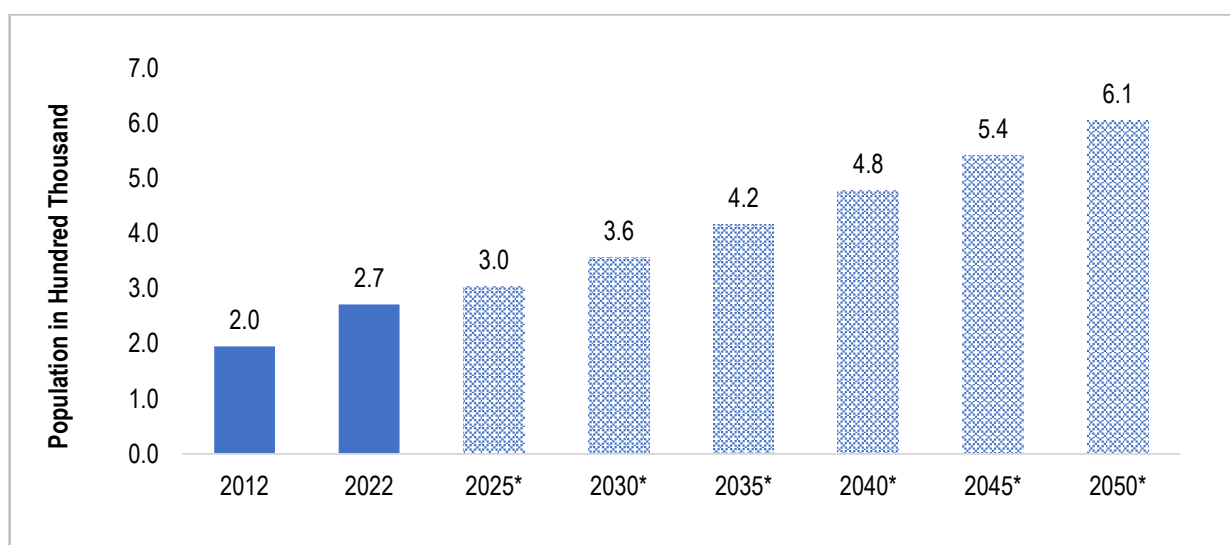
Another procedure for adjusting the population is to shift or move the population from a given date (for instance, a census date) to another date (for instance mid-year). If the total population for the desired date is available, extrapolation can be used. Another possibility is to use the levels of mortality, fertility and migration to estimate a population growth rate, and thereafter use the growth rate to calculate the total population at the desired date. Once the new total has been calculated, the age structure can be adjusted proportionately to the new total. The base population used for projections is based on extrapolated population taking into consideration the levels of mortality, fertility and migration.

Nevertheless, the most commonly used method for projecting populations is the cohort component method, which projects each age and sex cohort over time based on components of growth. Annual births create new cohorts, while existing cohorts are decreased by mortality and either increased or decreased by migration (US Census Bureau 2013). The cohort component method of population projection is used in this report, because it has an advantage over other methods.

1.1 The 2022 Population Census Data and Population Projections

Kusini Pemba Region population features the same structure as that of national population with large proportional of children compared to adults. This young population structure indicates the need for strategic regional planning on harnessing demographic dividend. The projections show that population in Kusini Pemba Region is fast growing shown by increasing number of people from 283,901 in 2023 to 605,387 in 2050 Projections further reveal that from year 2023, regional population is expected to double in 21 years to come (Figure 1.1).

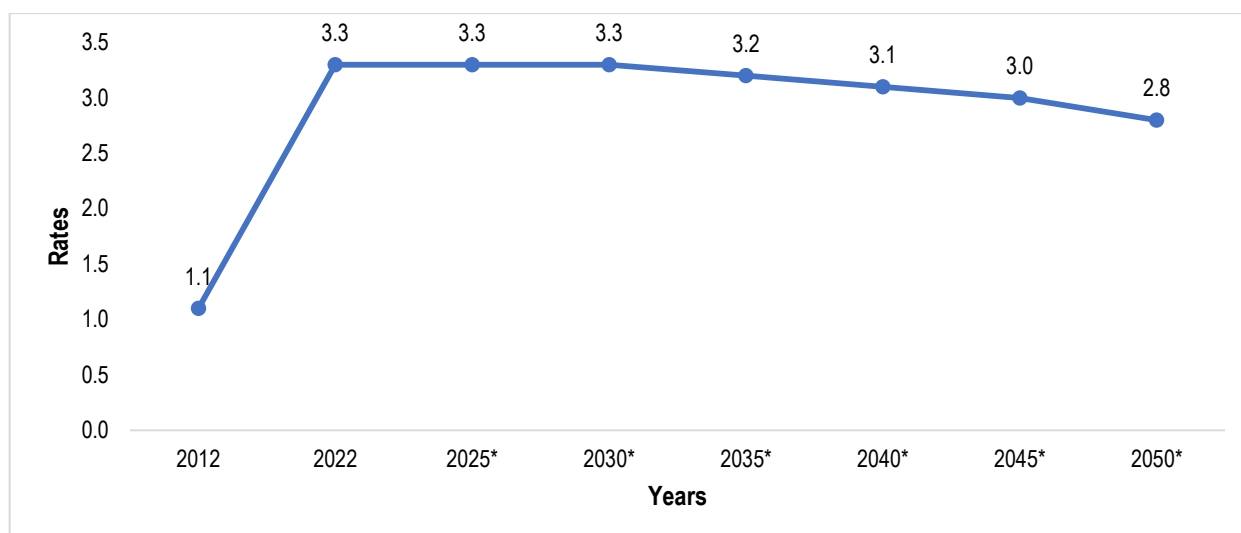
Figure 1.1: Population Trends; Kusini Pemba Region, 2012 – 2050



Note: * Projected Population

Figure 1.2 shows that the annual average population growth rate for Kusini Pemba Region decreased from 1.1 to 3.3 percent during 2002-2012 and 2012-2022 intercensal periods respectively. The growth rate is projected to decrease from 3.3 percent in 2025 to 2.8 percent in 2050.

Figure 1.2: Average Annual Inter-Censual Population Growth Rates; Kusini Pemba Region, 2012–2050



Note: * Projected Population Growth Rates

1.2 Age-Sex Structure of the Population

As shown in Figures 1.3 and 1.4, Kusini Pemba Region as the most regions in Zanzibar has a very young population as a result of high birth rates over a long period of time. A population pyramid is a graphical representation of the age and sex composition of a specific population. It provides a snapshot of the population's age and sex structure. It also provides useful insights into the patterns of vital events (birth and death rates).

The pyramids for Kusini Pemba Region, per the 2022 PHC has a broad base indicative of high fertility and a youthful age structure, that is with a large proportion of its population in the young and/or youthful ages. It creates a high child dependency ratio that places a heavy burden on the working age population and constrains the provision of basic needs and social services. By 2050, the population pyramid of Kusini Pemba Region will continue to reflect a relatively young population, though it will be gradually aging as birth rates decline and life expectancy increases. However, this demographic structure suggests a significant working-age population, which can be beneficial for economic growth if effectively harnessed.

Figure 1.3: Population Pyramid for Five Year Age Groups; Tanzania Zanzibar, 2022 and 2050

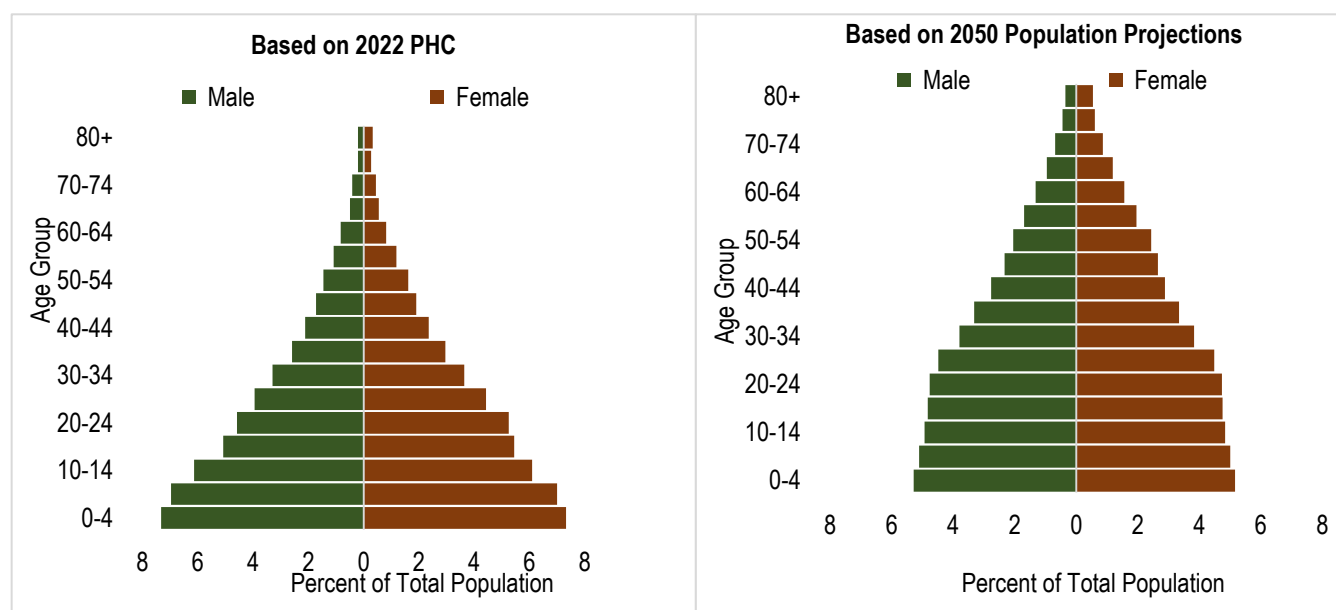
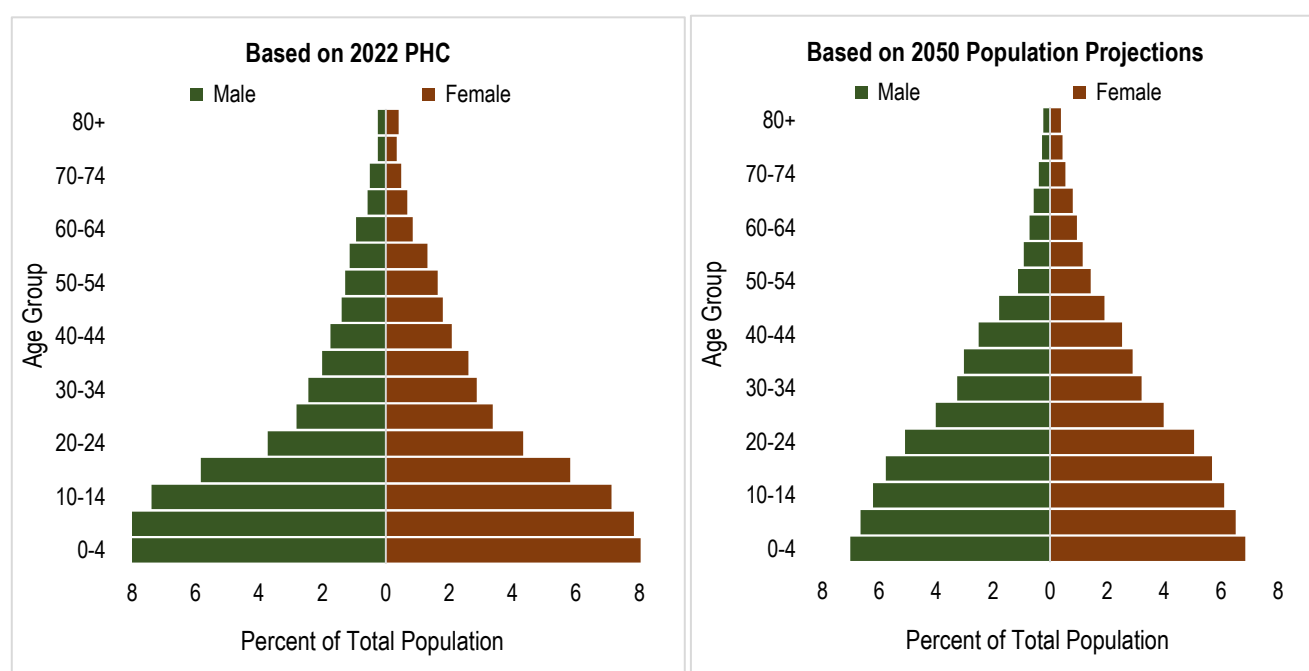


Figure 1.4: Projected Population Pyramid for Five Year Age Groups; Kusini Pemba Region, 2022 and 2050



1.3 Importance of Demographic Projections

Population projection is an important undertaking since it facilitates the Government as well as researchers when making decisions about the future. Policymakers and program planners rely on population projections to assess future demand for resources such as food, water and energy, as well as services such as health and education.

Examples of possible use of results from population projections include:

- i. Estimating demand for basic human needs, such as food, water, power, transportations;
- ii. Planning for the construction of housing, highways etc.;
- iii. Estimating the labour forces in various places;
- iv. Estimating the potential consumption of goods and services in various regions and
- v. Facilitating sociological research, such as providing data about sex ratio or age ratio.

Population projections constitute a tool for providing demographic information about the present as well as the future at national and sub-national levels that is not available from censuses and surveys reports. Population projections also estimate the probable size and structure as well as population characteristics beyond the most recent census year. Further, they provide an indication of likely changes in the future size and age-sex structure of the school going age population. Population projections are used as the denominator for many health indicators such as fertility and mortality rate.

1.4 Population Projection Software

1.4.1 Demographic Analysis and Population Projection System (DAPPS)

Demographic Analysis and Population Projection System (DAPPS) is a program designed to help users analyse and produce population projections with ease. The software accomplishes this through a user-friendly spreadsheet interface for data entry and the projection power of Rural Urban Projection (RUP).

In order to create a population projection, DAPPS requires at least three inputs: a base year population, by age and sex (usually based on a census or estimate); a mortality structure, by age and sex (usually a life table or deaths, by age and sex); and a fertility pattern, by age of mother (births or age-specific fertility rates). A fourth input is a pattern of net migration (by age and sex of migrant), which is optional but recommended. The data for these components can originate from either a RUP input file or a spreadsheet-based program, such as Microsoft Excel or United Nations MORTPAK.

1.4.2 Population Analysis System (PAS) Software

Population Analysis System (PAS) is a set of Microsoft Excel workbooks developed by the U.S. Census Bureau containing frequently used procedures and methods in basic demographic analysis. The purpose of the workbooks is to facilitate analysis of available data for the following topics: age structure, mortality, fertility, migration, distribution of population, urbanization and population projections.

1.4.3 DemProj

DemProj is a computer program that has been used to make projections in this report. DemProj projects the population for an entire country or region by age and sex, based on assumptions about fertility, mortality and migration. A full set of demographic indicators can be displayed for up to 50 years into the future. Urban and rural projections can also be prepared. The program requires information on the number of people by age and sex in the base year, as well as current year data and future assumptions about the Total Fertility Rate (TFR), age distribution of fertility, life expectancy at birth by sex, the most appropriate model life table, as well as the magnitude and pattern of international migration.

Generally, projections can be made for one or two areas. If two areas are projected, the program can calculate a third area as the sum of the two areas (e.g., total = rural + urban) or the difference (e.g., urban = total - rural).

DemProj has aggregate function that is used to add together several projections to produce a total for a region/country. All indicators referring to numbers of people are added across all projections. Rates, such as TFR and life expectancy, are calculated as weighted averages. Weighting is done by an appropriate population. For example, the TFR for the aggregate population calculated as the weighted average of the TFRs for each of the input projections, weighted with the number of women of reproductive age (15-49).

Flexibility of this programme has a clear advantage of allowing a demographer to create a projection model that accurately reflects the demographic situation in a country and making maximum use of available data in a manner as close as possible to its original form. However, this flexibility comes at a price as it places a burden on the demographer to decide on the best way to model the situation (since the program does not limit the options) and to provide accurate data for all the inputs required to run the program.



CHAPTER TWO

Methodology

2.0 Introduction

Population projections for Kusini Pemba Region based on the 2022 Population and Housing Census (PHC) have been made using a cohort-component model. The projection for Kusini Pemba Region is the aggregate of the projections from its respective councils. For each council, population with age and sex details from the 2022 PHC was adjusted then projected one year at a time from 2023 to 2050 using assumptions about the components of growth i.e. fertility, mortality and internal migration.

2.1 Base Year Population

The projected population of Kusini Pemba Region is based on adjusted 2022 age-sex-specific populations. The enumerated population was adjusted taking into account the undercount of the total population as revealed by the 2022 PHC the Post-Enumeration Survey (PES). The population was also evaluated for age misreporting then adjusted for undercount of children under 10 years. Population under age 10 was adjusted based on fertility and mortality data. Evaluation and adjustment were done through DAPPS analysis tools. The “PopAgeEstUnder10” tool in DAPPS was used to adjust the undercount of children ages 0 to 9 years. To obtain the base population, the following inputs were required:

- i. Population distribution in single year and sex obtained from the 2022 Population and Housing Census and adjusted basing on undercount rate from PES;
- ii. Sex ratio at birth (male births per 100 female births) was assumed to be 103;
- iii. Mortality data used are life tables at two points in time that is earlier (2012 PHC) and later (2022 IDB data); these are nMx and (age specific death rates) and nLx (number of person-years lived) values for males and females in single years; and
- iv. Earlier (2015) and later (2022) date fertility data were Age Specific Fertility Rates (ASFRs) from the Tanzania Demographic and Health Surveys (TDHS). Fertility data from TDHS is based on birth history of individual woman while the same data from the census data is collected retrospectively which makes data from survey to be more reliable.

The next step was to move the population from the census reference date (23 August 2022) to mid-year (01 July 2022) using population growth rate based on estimated fertility and mortality. This was done using the “PopAgeMove” tool in DAPPS. The inputs used in the “PopAgeMove” were:

- Adjusted population disaggregated by five-year age groups and sex generated in DAPPS, with the maximum of 80 years and above;
- Life tables (nMx and nLx values in age groups with maximum of age 80 and above) for males and females separate from the 2022 IDB data; and
- Age-Specific Fertility Rate from the 2022 TDHS.

After moving population to the mid-year, it was then changed from age groups to single year using “PopAge5to1” tool in DAPPS. Table 2.1 shows that there is little difference between the reported population and smooth age-sex distributions population.

Table 2.1: Reported and Adjusted Population to Mid-Year by Sex, Sex Ratio and Five-Year Age Groups; Kusini Pemba Region, 2022 PHC

Age Groups	Reported Data from the 2022 PHC			Adjusted Data Based on 2022 PHC		
	Male	Female	Sex Ratio	Male	Female	Sex Ratio
Total	131,373	139,977	94	133,752	140,851	95
0 - 4	21,874	21,812	100	24,081	23,299	103
5 - 9	21,876	21,234	103	22,745	21,446	106
10 -14	20,060	19,330	104	19,979	19,232	104
15-19	15,833	15,786	100	15,727	15,690	100
20-24	10,098	11,756	86	10,119	11,734	86
25-29	7,633	9,157	83	7,558	9,095	83
30-34	6,631	7,776	85	6,612	7,777	85
35-39	5,457	7,081	77	5,437	7,088	77
40-44	4,724	5,645	84	4,643	5,539	84
45-49	3,786	4,890	77	3,752	4,924	76
50-54	3,483	4,440	78	3,377	4,322	78
55-59	3,095	3,575	87	3,079	3,561	86
60-64	2,532	2,314	109	2,458	2,181	113
65-69	1,558	1,832	85	1,556	1,748	89
70-74	1,374	1,322	104	1,247	1,140	109
75-79	677	937	72	825	1,173	70
80+	682	1,090	63	557	902	62

2.2 Fertility Assumptions and Estimation

2.2.1 Introduction

Estimation of fertility levels for Kusini Pemba Region from the 2022 PHC is based on the number of live births by age of mother in the 12 months preceding the census and the number of children ever born by age of mother reported by women aged 15-49 years. However, given the limitations of the 2022 PHC data, several indirect methods were used to estimate adjusted fertility indicators to evaluate the direct estimates of age-specific and total fertility rates based on births in the year preceding the census. Apart from the PHC data, projections are based on data from 2022 Tanzania Demographic and Health Survey and Malaria Indicator Survey (2022 TDHS -MIS). In general, the PHC and the demographic

survey have shown that, fertility as one of the important components of population change is slowly decreasing in Zanzibar.

2.2.2 Fertility Estimation

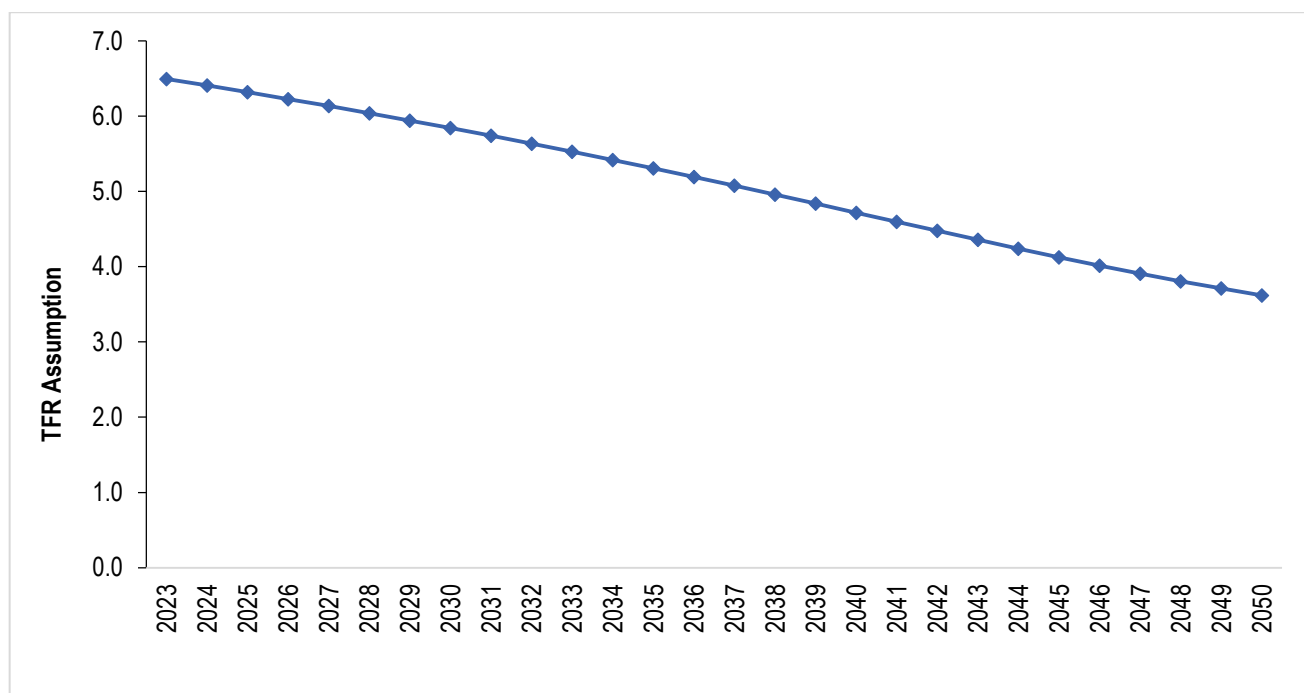
Fertility levels (Total Fertility Rate and Age Specific Fertility Rates) are projected from levels observed in the 2022 TDHS - MIS. Estimation of future fertility levels was done through UN spread sheet template used to estimate the fertility rate (UNFerModel worksheet).

The template allows the user to make projections of the Total Fertility Rate for a considerable period of time (in this case from 2023 to 2050). Three different paces of change in the fertility level can be selected, from which the medium scenario or variant is derived. Population census data and demographic surveys undertaken in Tanzania have shown that fertility, as one of the important components of population change, is slowly decreasing and thus a medium pace was selected.

Table 2.2 Fertility Assumptions; Kusini Pemba Region, 2023 – 2050

Year	Total Fertility Rate
2023	6.5
2024	6.4
2025	6.3
2026	6.2
2027	6.1
2028	6.0
2029	5.9
2030	5.8
2031	5.7
2032	5.6
2033	5.5
2034	5.4
2035	5.3
2036	5.2
2037	5.1
2038	5.0
2039	4.8
2040	4.7
2041	4.6
2042	4.5
2043	4.4
2044	4.2
2045	4.1
2046	4.0
2047	3.9
2048	3.8
2049	3.7
2050	3.6

Figure 2.1: Fertility Assumptions; Kusini Pemba Region, 2023 – 2050



2.3 Mortality

2.3.1 Introduction

Population projections are affected by several factors including Infant Mortality Rate (IMR), Under Five Mortality Rate (U5MR), Crude Death Rate (CDR) and Life expectancy at birth. Application of any index depends mainly on the availability of information or the requirement of models to be used in the exercise. In all mortality indices, life expectancy at birth is considered to be more appropriate as an input for population projections.

2.3.2 Mortality Estimation

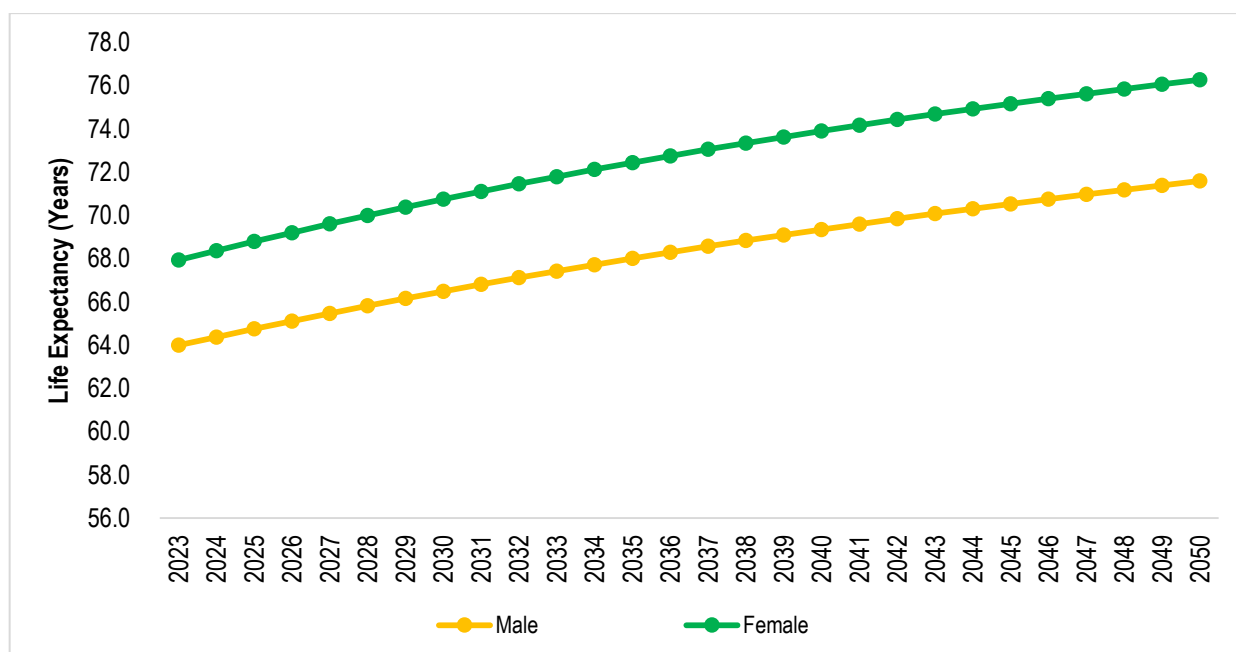
Life expectancy at birth for males and females were interpolated using a UN spread sheet template for estimating the mortality rate (UNMortModel worksheet) using the 2022 levels projected data from the 2012 Population and Housing Census. This template allows the user to make projections of life expectancy at birth for both males and females for a considerable number of years (in this case up to 2050). For each sex, five different paces of change in the level of life expectancy can be selected, from which the medium scenario or variant is derived. This template also allows the user to generate high and low scenarios of life expectancy at birth, with prescribed differentials expressed in numbers of years as compared to the levels in the medium scenario, for both males and females.

Life expectancy at birth from 2022 Population and Housing Census were not used in the projections as there are abnormally high number of deaths, most likely due to COVID-19 that affected Tanzania and the world in general in 2020 and 2021 (the census question asked on the number of deaths 12 months prior to the census date). Mortality assumptions (life expectancy at birth) for Kusini Pemba region, the life expectancy is summarized in Table 2.3 as well as Figures 2.2.

Table 2.3: Mortality Assumptions - Life Expectancy at Birth by Sex; Kusini Pemba Region, 2023 – 2050

Year	Male	Female
2023	64.0	67.9
2024	64.4	68.4
2025	64.7	68.8
2026	65.1	69.2
2027	65.5	69.6
2028	65.8	70.0
2029	66.2	70.4
2030	66.5	70.7
2031	66.8	71.1
2032	67.1	71.5
2033	67.4	71.8
2034	67.7	72.1
2035	68.0	72.4
2036	68.3	72.8
2037	68.6	73.1
2038	68.8	73.3
2039	69.1	73.6
2040	69.4	73.9
2041	69.6	74.2
2042	69.8	74.4
2043	70.1	74.7
2044	70.3	74.9
2045	70.5	75.2
2046	70.8	75.4
2047	71.0	75.6
2048	71.2	75.8
2049	71.4	76.1
2050	71.6	76.3

Figure 2.2: Mortality Assumptions - Life Expectancy at Birth by Sex; Kusini Pemba Region, 2023 – 2050



2.4 Migration

2.4.1 Introduction

Inclusion of migration assumptions in population projections is important because it is one of the major components of population dynamics. Usually there are two types of migration data that are considered in population projections (i.e. internal migration and international migration). Projection at national level considers international migration and internal migration is considered at sub-national (regional) projections.

2.5 HIV/AIDS Assumptions

2.5.1 Introduction

HIV/AIDS cases were clinically diagnosed and reported for the first time in 1983 in Kagera Region. By 1986, all regions of Mainland Tanzania had reported HIV/AIDS cases.

2.5.2 HIV/AIDs Assumptions

HIV/AIDS surveys show that prevalence of HIV among persons aged 15 years and above has been decreasing. The 2022-23 Tanzania HIV Impact Survey (THIS) shows that HIV prevalence among population aged 15 years and above in Tanzania is 4.4 percent. The rate has declined from 4.9 percent recorded in 2016-2017 THIS. This decline and the introduction of antiretroviral HIV drugs, implies that, deaths emanating from HIV/AIDS are

unlikely to affect both life expectancy and the age and sex pattern of mortality and therefore impact of HIV/AIDS was not taken into consideration during projections.



CHAPTER THREE

Projections

3.0 Introduction

The chapter presents brief discussion and summary of selected demographic indicators for the entire projection period of 2023 to 2050.

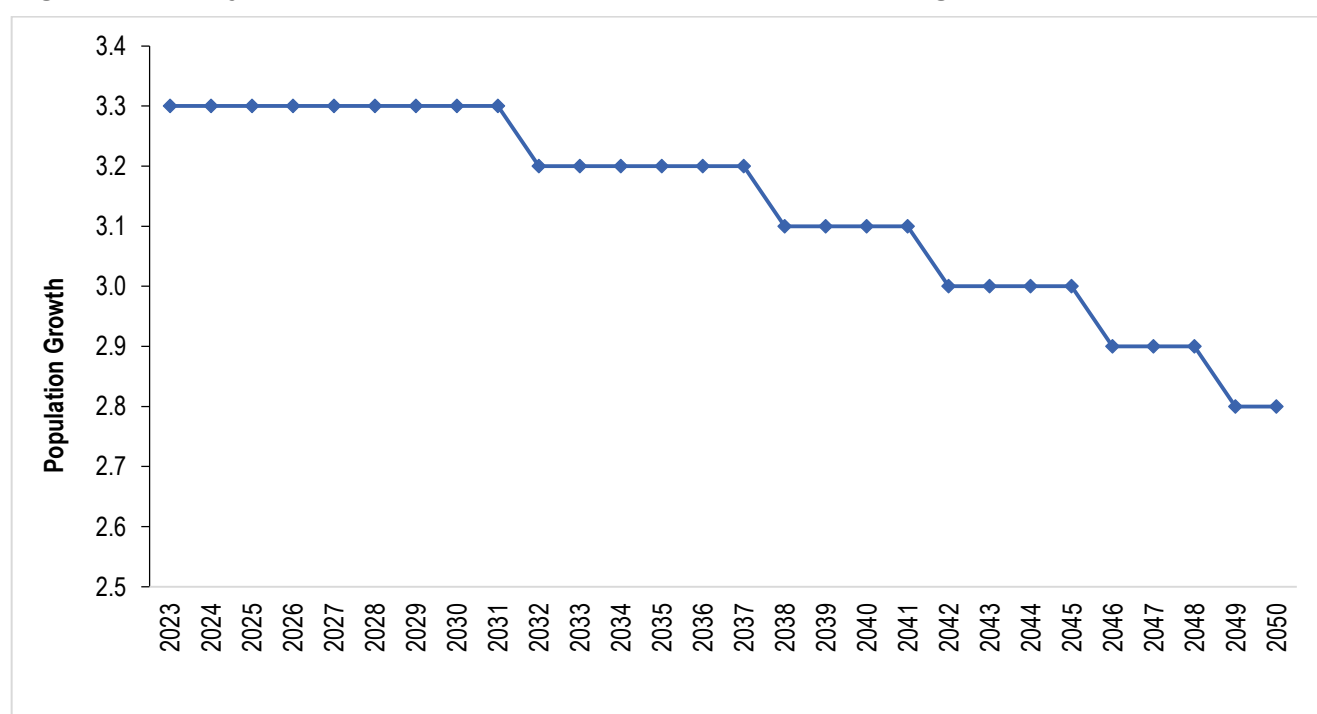
3.1 Highlights of Population Projections Results

This section discusses key demographic indicators for mid-year population between 2023 and 2050.

3.1.1 Population Growth

Projection results show a decline in annual average population growth rates. Population growth rate for Kusini Pemba Region is expected to decrease from 3.3 percent in 2023 to 2.8 percent in 2050 (Figure 3.1, Table 3A.1 & 3A.3). The population of Kusini Pemba Region is projected to increase from 283,901 in 2023 to 605,387 persons in 2050. (Detail are shown in Tables 3B.1 - 3B.29).

Figure 3.1: Projected Population Growth Rates; Kusini Pemba Region, 2023 – 2050

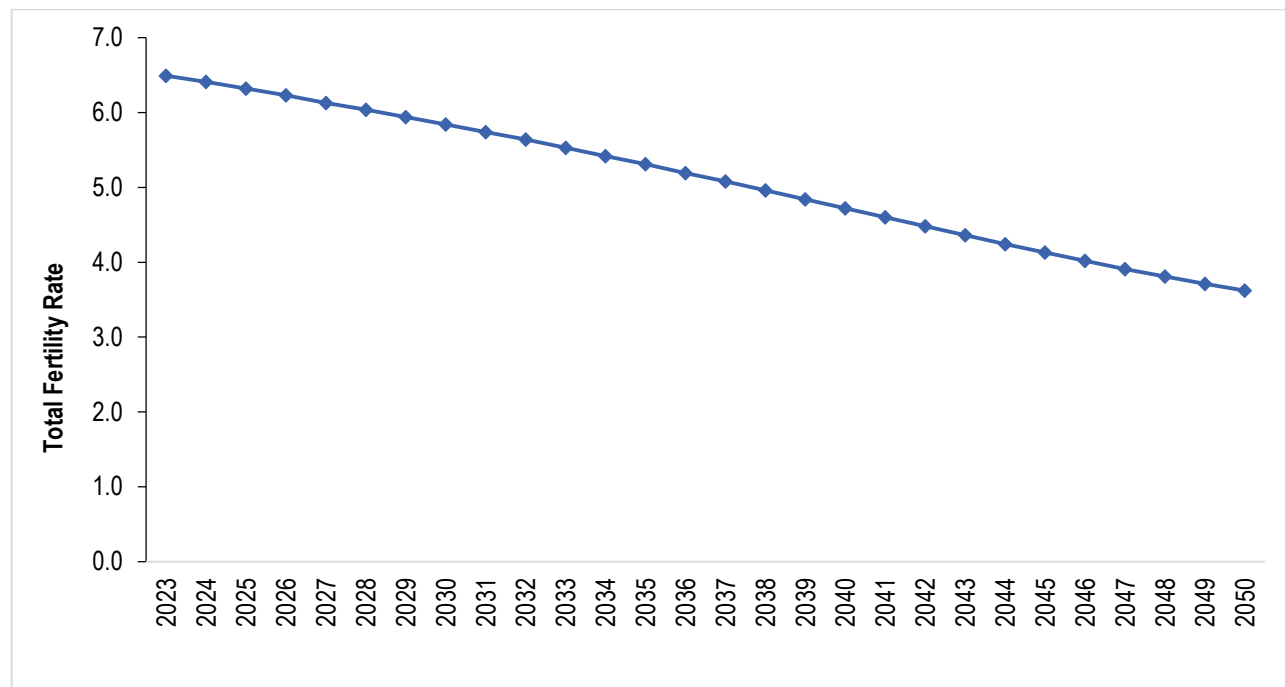


3.1.2 Total Fertility Rate

Results show that fertility levels are projected to decline in Kusini Pemba Region during the projection period. The projected Total Fertility Rate (TFR) at the beginning of the projection period for Kusini Pemba Region is 6.5 children per woman in 2023 and is expected to decline to 3.6 children per woman in 2050 (Figure 3.2 and Table 3A.1 - 3A.3). Due to high

fertility and population momentum, it is probable that the population of Kusini Pemba Region will continue to grow for most of the remainder of the 21st century, even if fertility rates decline.

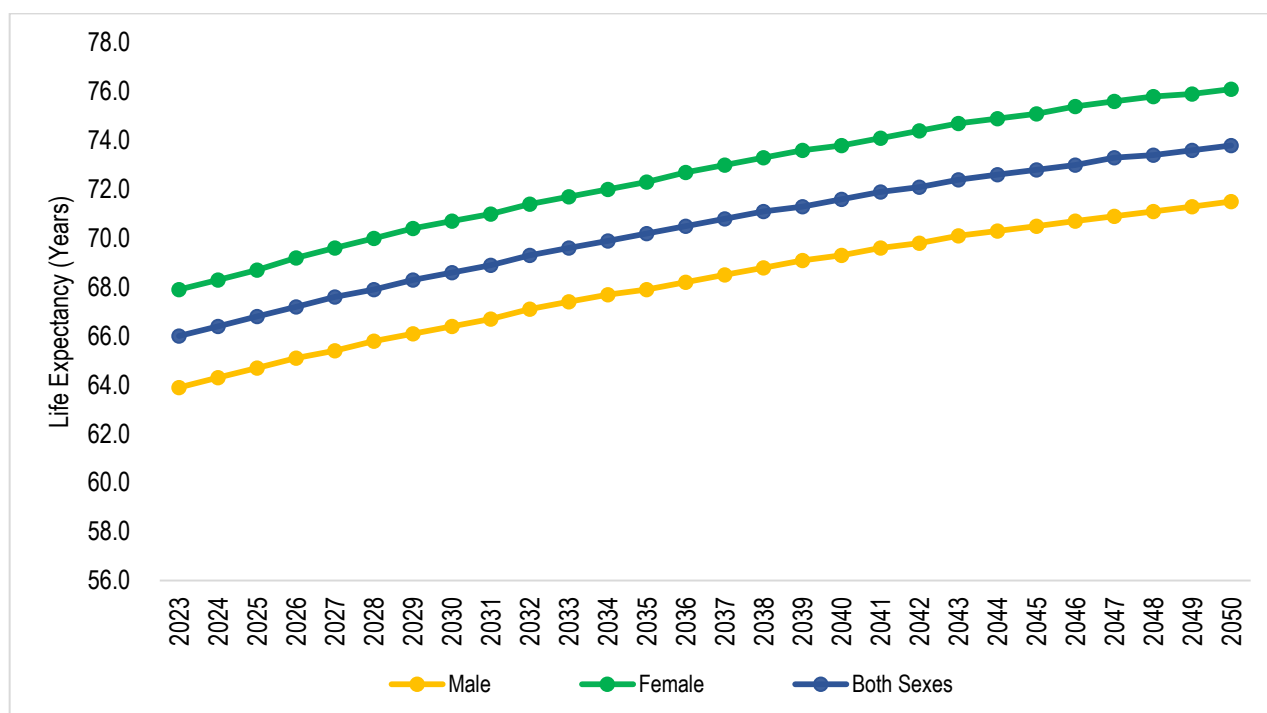
Figure 3.2: Projected Total Fertility Rate; Kusini Pemba Region, 2023 – 2050



3.1.3 Life Expectancy at Birth

Projected life expectancy at birth shows an upward trend in the region. Life expectancy for both sexes in Kusini Pemba Region is expected to increase from 66.0 years in 2023 to 73.8 years in 2050; with that for males being expected to increase from 63.9 years in 2023 to 71.5 years in 2050 and for females from 67.9 years in 2023 to 76.1 years in 2050 (Figure 3.3 and Table 3A.1 - 3A.3).

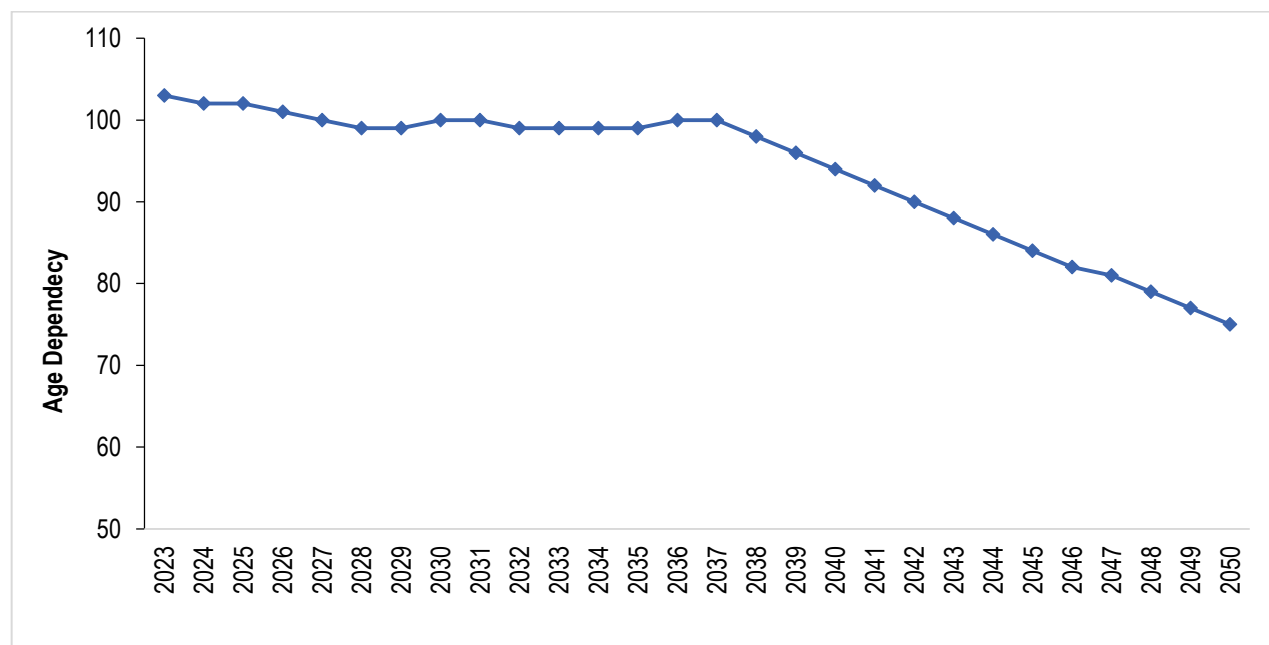
Figure 3.3: Projected Life Expectancy at Birth by Sex; Kusini Pemba Region, 2023 – 2050



3.1.4 Age Dependency Ratio

The age dependency ratio is a proxy measure for economic dependence. Age dependency ratio in Kusini Pemba Region is expected to decrease from 103 for every 100 working age persons in 2023 to 75 dependants for every 100 persons of working age in 2050 (Figure 3.4 and Tables 3A.1 - 3A.3).

Figure 3. 4: Projected Age Dependency Ratios; Kusini Pemba Region, 2023 – 2050



3.1.5 Summary of Demographic Indicators

This section presents a summary of the selected demographic indicators in each year of the projection period for Kusini Pemba Region which are presented in Tables 3A.1 to 3A.3.

Table 3A.1: Selected Demographic Indicators; Kusini Pemba Region, 2023-2031

Indicators	2023	2024	2025	2026	2027	2028	2029	2030	2031
Fertility									
TFR	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7
GRR	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8
NRR	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6
Mean Age of Childbearing	28.7	28.7	28.7	28.7	28.6	28.6	28.6	28.6	28.6
Child-Woman Ratio	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8
Mortality									
Male LE	63.9	64.3	64.7	65.1	65.4	65.8	66.1	66.4	66.7
Female LE	67.9	68.3	68.7	69.2	69.6	70.0	70.4	70.7	71.0
Total LE	66.0	66.4	66.8	67.2	67.6	67.9	68.3	68.6	68.9
Vital Rates									
CBR per 1000	46.2	46.0	45.5	45.0	44.5	44.1	43.6	42.9	42.2
CDR per 1000	7.3	7.1	6.9	6.8	6.6	6.3	6.1	5.9	5.8
RNI Percent	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.6
GR Percent	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Doubling Time	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
Annual Births and Deaths									
Births	11,175	11,459	11,705	11,953	12,209	12,452	12,658	12,869	13,100
Deaths	1,951	1,956	1,968	1,986	1,993	1,998	2,007	2,026	2,041
Population									
Percent Females 15-49	44.1	44.5	44.0	44.3	44.4	44.5	44.6	44.5	44.4
Sex Ratio	95	95	96	96	96	96	96	97	97
Dependency Ratio	103	102	102	101	100	99	99	100	100
Median Age	16	16	16	16	16	16	16	16	17

Table 3A.2: Selected Demographic Indicators; Kusini Pemba Region, 2032-2040

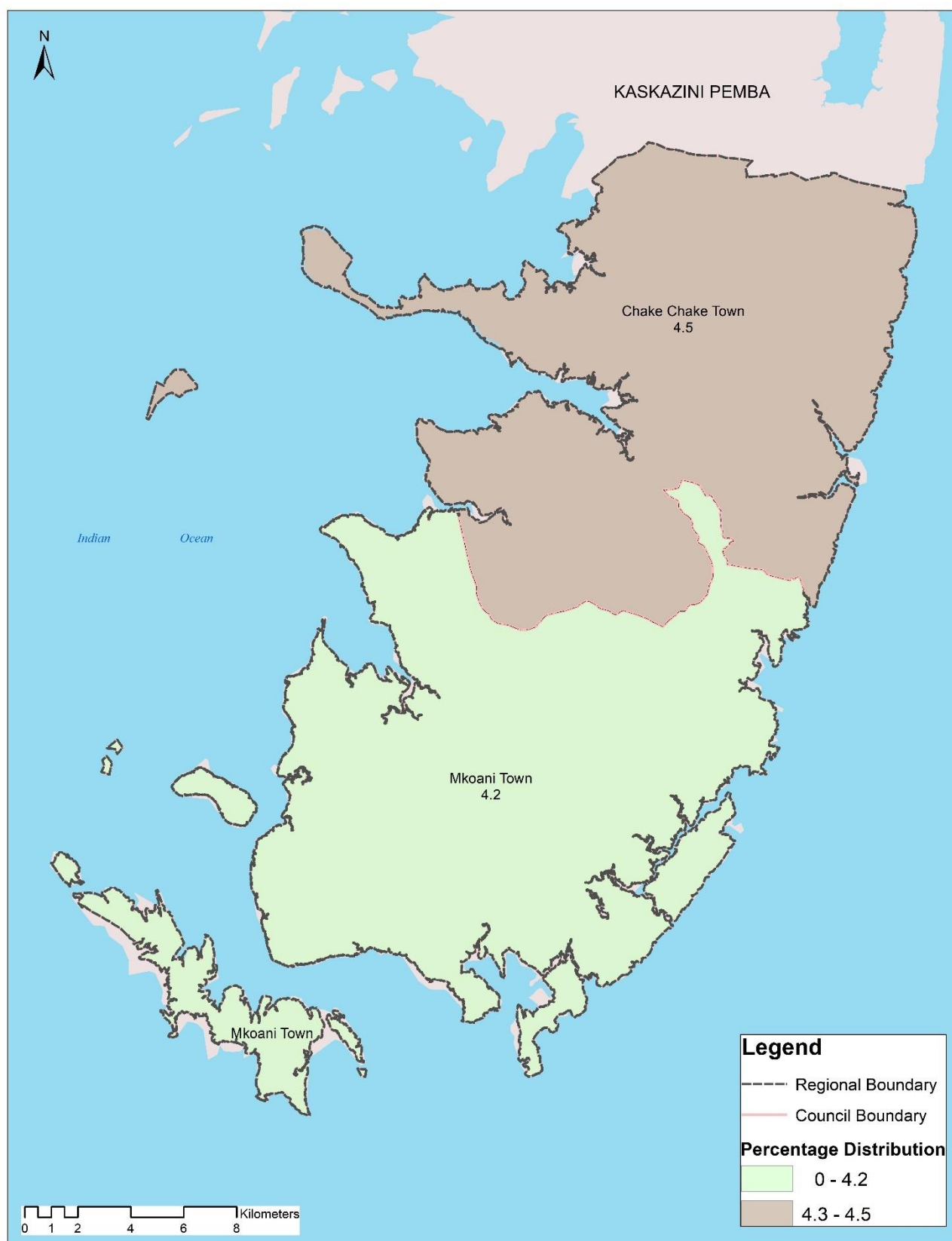
Indicators	2032	2033	2034	2035	2036	2037	2038	2039	2040
Fertility									
TFR	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7
GRR	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3
NRR	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.2
Mean Age of Childbearing	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.4	28.4
Child-Woman Ratio	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Mortality									
Male LE	67.1	67.4	67.7	67.9	68.2	68.5	68.8	69.1	69.3
Female LE	71.4	71.7	72.0	72.3	72.7	73.0	73.3	73.6	73.8
Total LE	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.3	71.6
Vital Rates									
CBR per 1000	41.5	40.8	40.0	39.2	38.2	37.3	36.5	35.9	35.3
CDR per 1000	5.6	5.5	5.3	5.1	5.1	4.9	4.8	4.7	4.6
RNI Percent	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.1
GR Percent	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
Doubling Time	21.7	21.7	21.7	21.7	21.7	21.7	22.4	22.4	22.4
Annual Births and Deaths									
Births	13,324	13,470	13,643	13,782	13,925	14,038	14,124	14,262	14,403
Deaths	2,056	2,071	2,084	2,095	2,117	2,133	2,158	2,175	2,201
Population									
Percent Females 15-49	44.4	44.4	44.4	44.2	44.1	43.9	44.4	44.9	45.3
Sex Ratio	97	97	97	97	97	97	97	98	98
Dependency Ratio	99	99	99	99	100	100	98	96	94
Median Age	17	17	17	17	17	17	17	17	17

Table 3A. 3: Selected Demographic Indicators; Kusini Pemba Region, 2041-2050

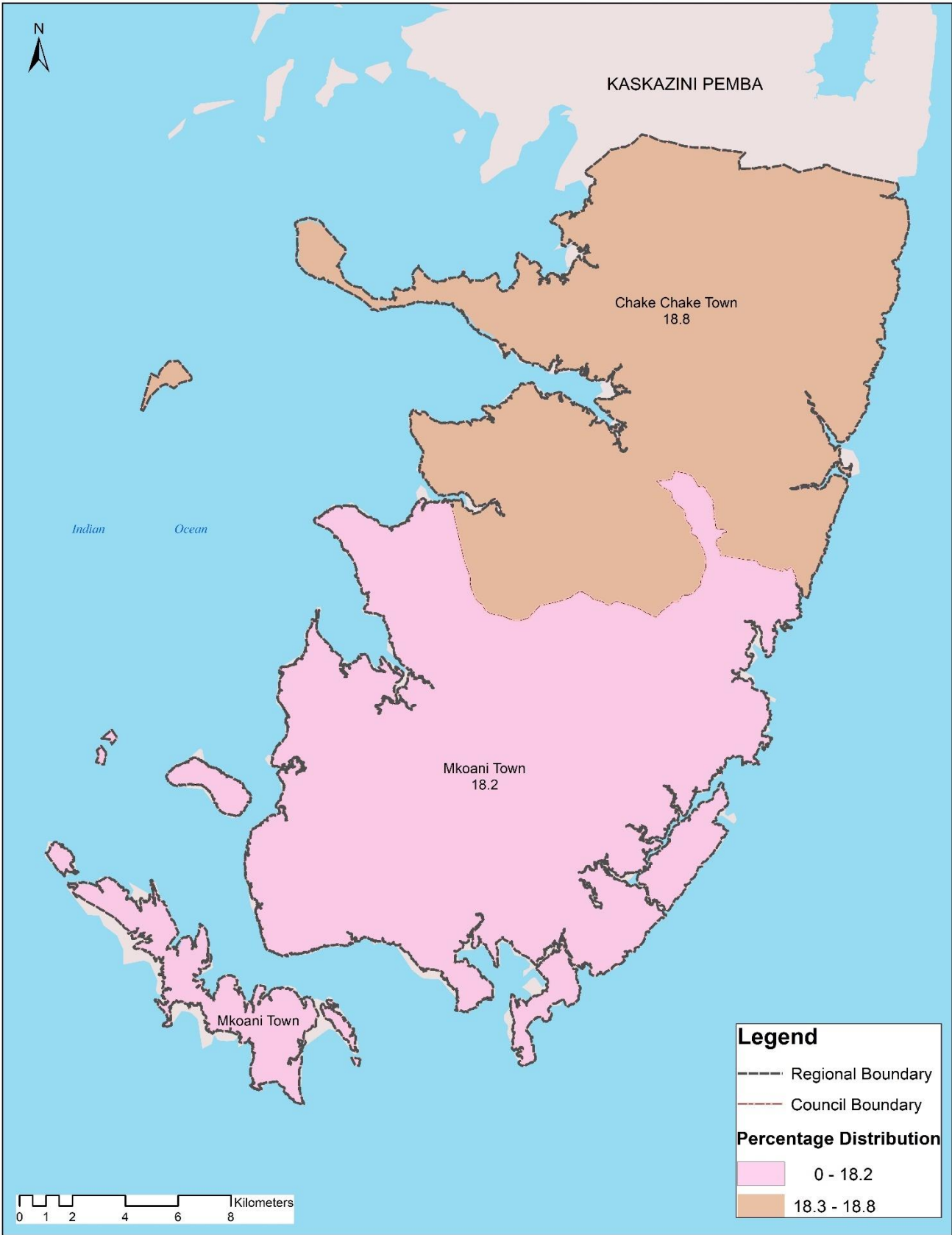
Indicators	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Fertility										
TFR	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6
GRR	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8
NRR	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7
Mean Age of Childbearing	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
Child-Woman Ratio	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Mortality										
Male LE	69.6	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5
Female LE	74.1	74.4	74.7	74.9	75.1	75.4	75.6	75.8	75.9	76.1
Total LE	71.9	72.1	72.4	72.6	72.8	73.0	73.3	73.4	73.6	73.8
Vital Rates										
CBR per 1000	34.7	34.0	33.3	32.7	32.1	31.5	30.9	30.4	29.8	29.3
CDR per 1000	4.5	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0
RNI Percent	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5
GR Percent	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
Doubling Time	22.4	23.1	23.1	23.1	23.1	23.9	23.9	23.9	24.8	24.8
Annual Births and Deaths										
Births	14,467	14,544	14,598	14,654	14,756	14,813	14,846	14,890	14,923	15,021
Deaths	2,235	2,261	2,290	2,322	2,360	2,408	2,441	2,479	2,535	2,572
Population										
Percent Females 15-49	45.7	46.2	46.8	47.3	47.8	48.3	48.8	49.3	49.7	50.1
Sex Ratio	98	98	98	98	98	98	98	98	98	98
Dependency Ratio	92	90	88	86	84	82	81	79	77	75
Median Age	17	17	18	18	18	18	19	19	19	20

3.2 Thematic Maps on Selected Age Groups and Indicators for the Year 2025

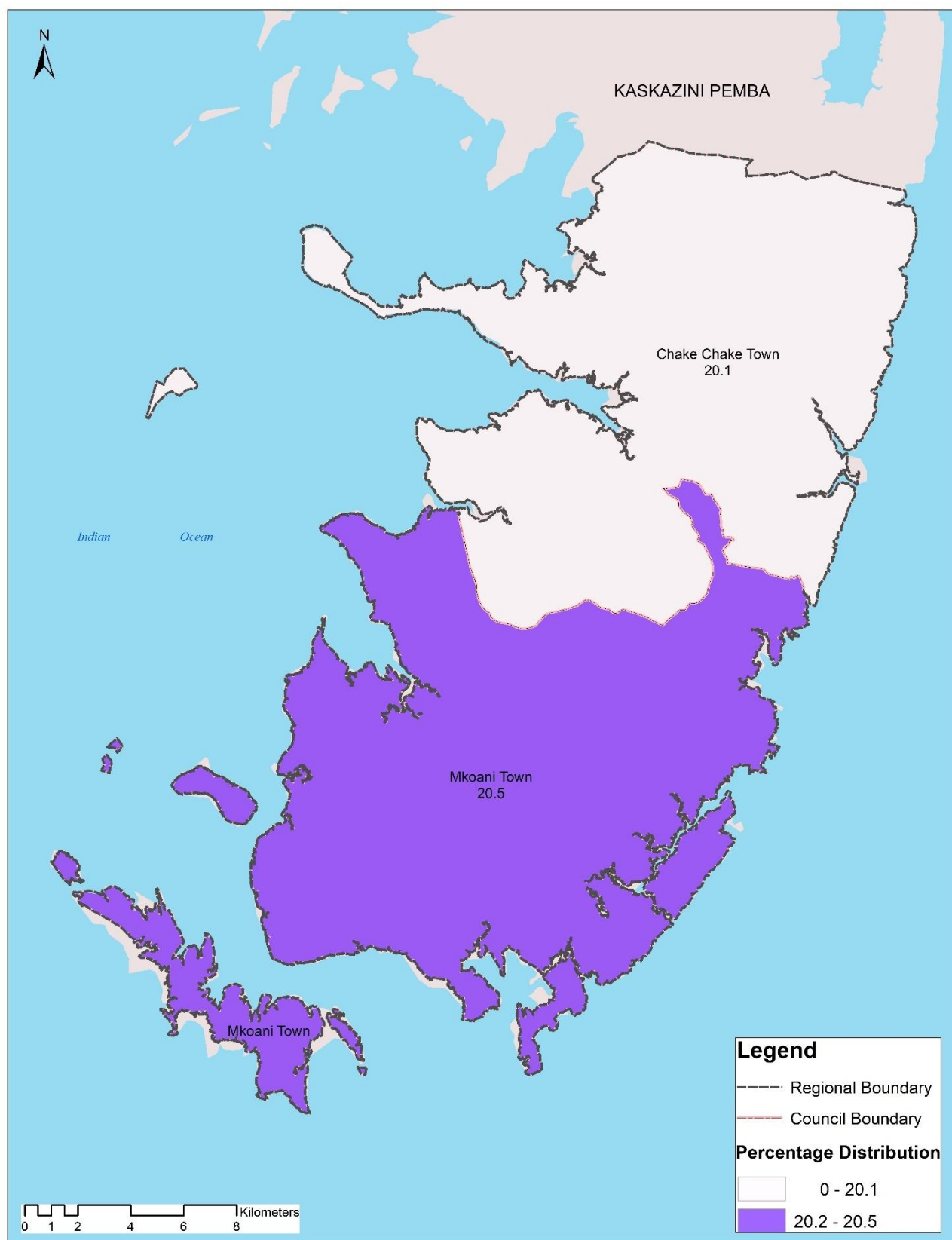
Map 3.1: Percentage Distribution of Projected Population of Children below Age One by Council; Kusini Pemba Region, 2025



Map 3.2: Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council, Kusini Pemba Region, 2025



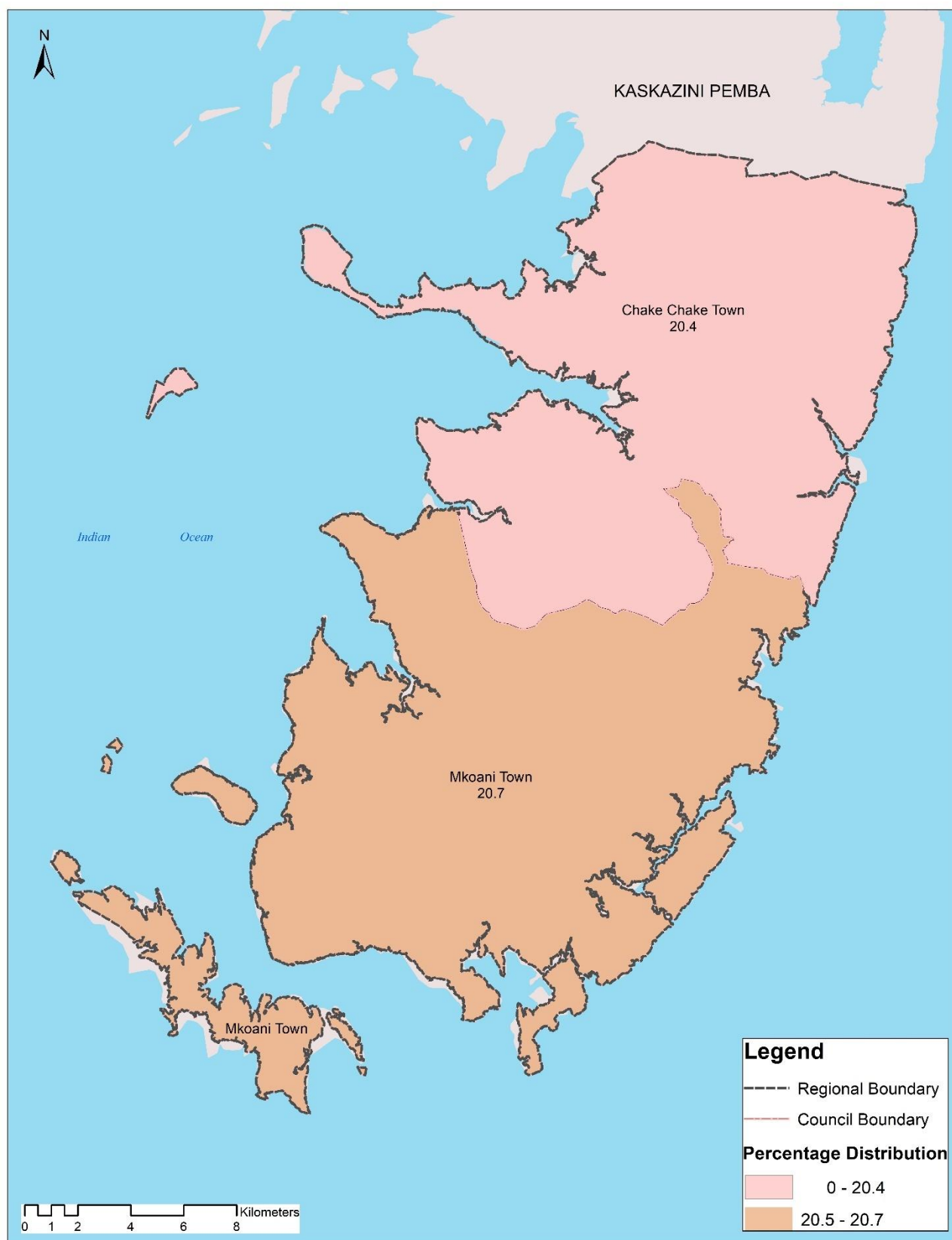
Map 3.3: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council, Kusini Pemba Region, 2025



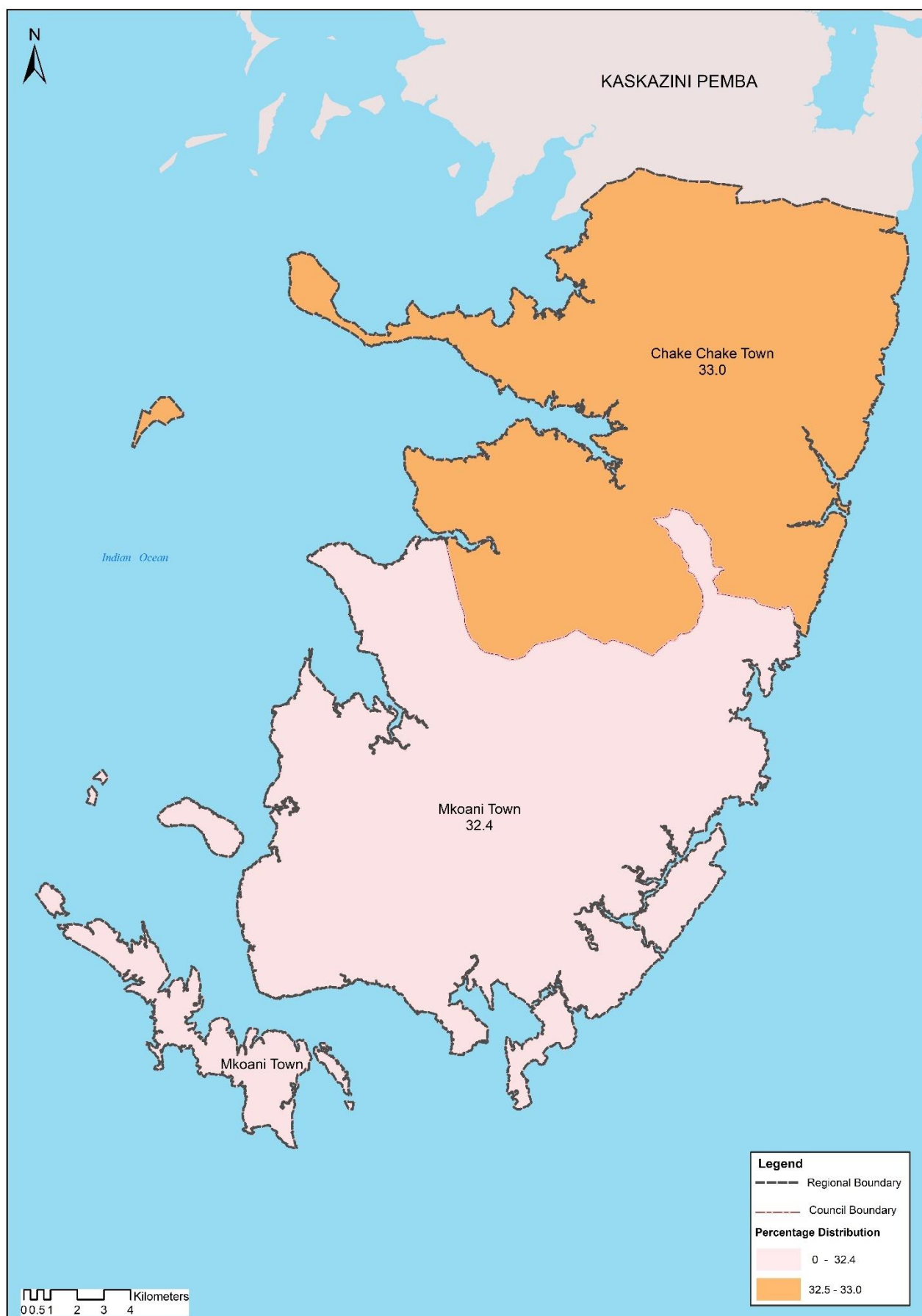
Map 3.4: Percentage Distribution of Projected Population Aged 7 to 13 Years by Council, Kusini Pemba Region, 2025



Map 3.5: Percentage Distribution of Projected Population Aged 15 to 24 Years by Council, Kusini Pemba Region, 2025



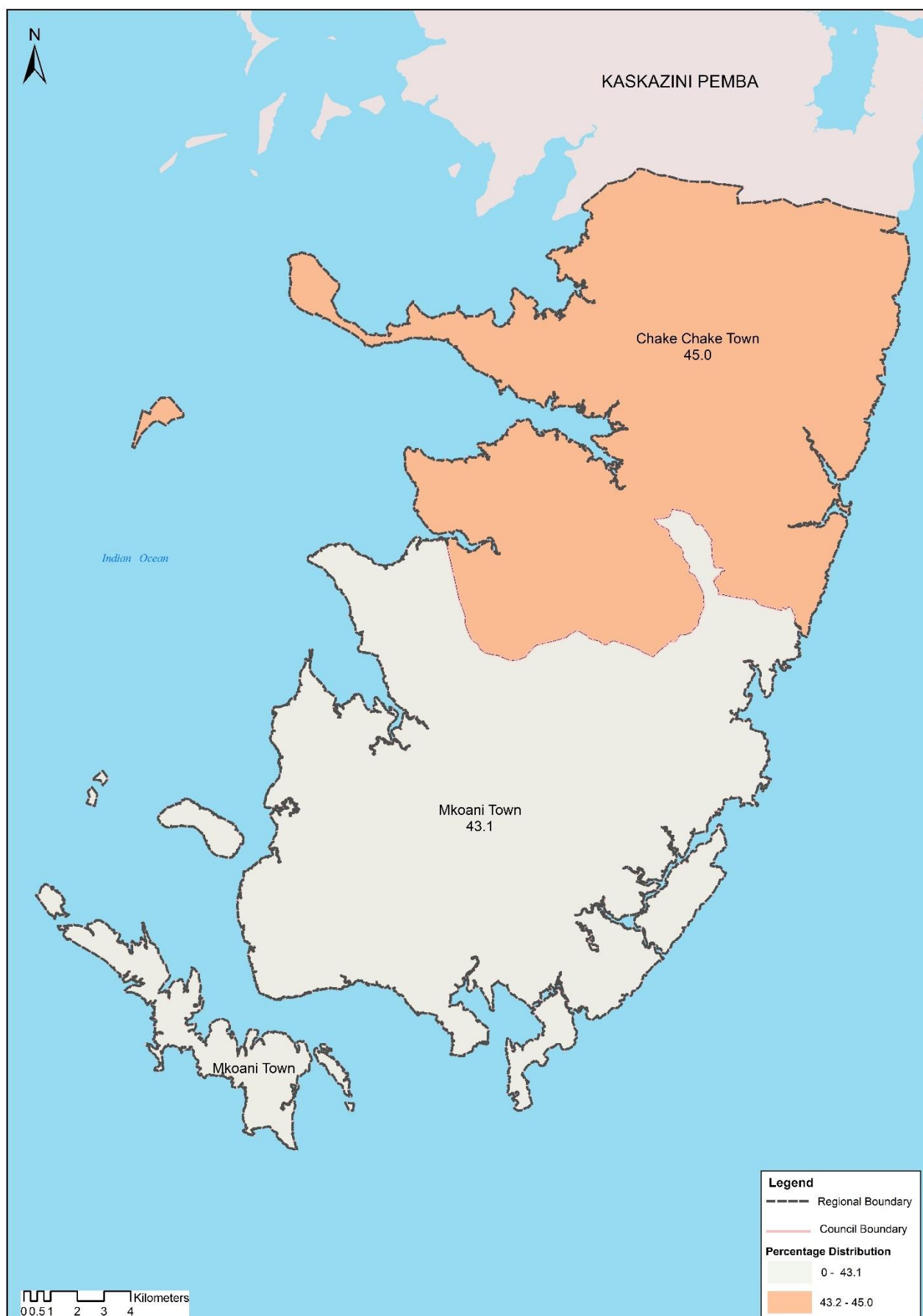
Map 3.6: Percentage Distribution of Projected Population Aged 15 - 35 Years by Council; Kusini Pemba Region, 2025



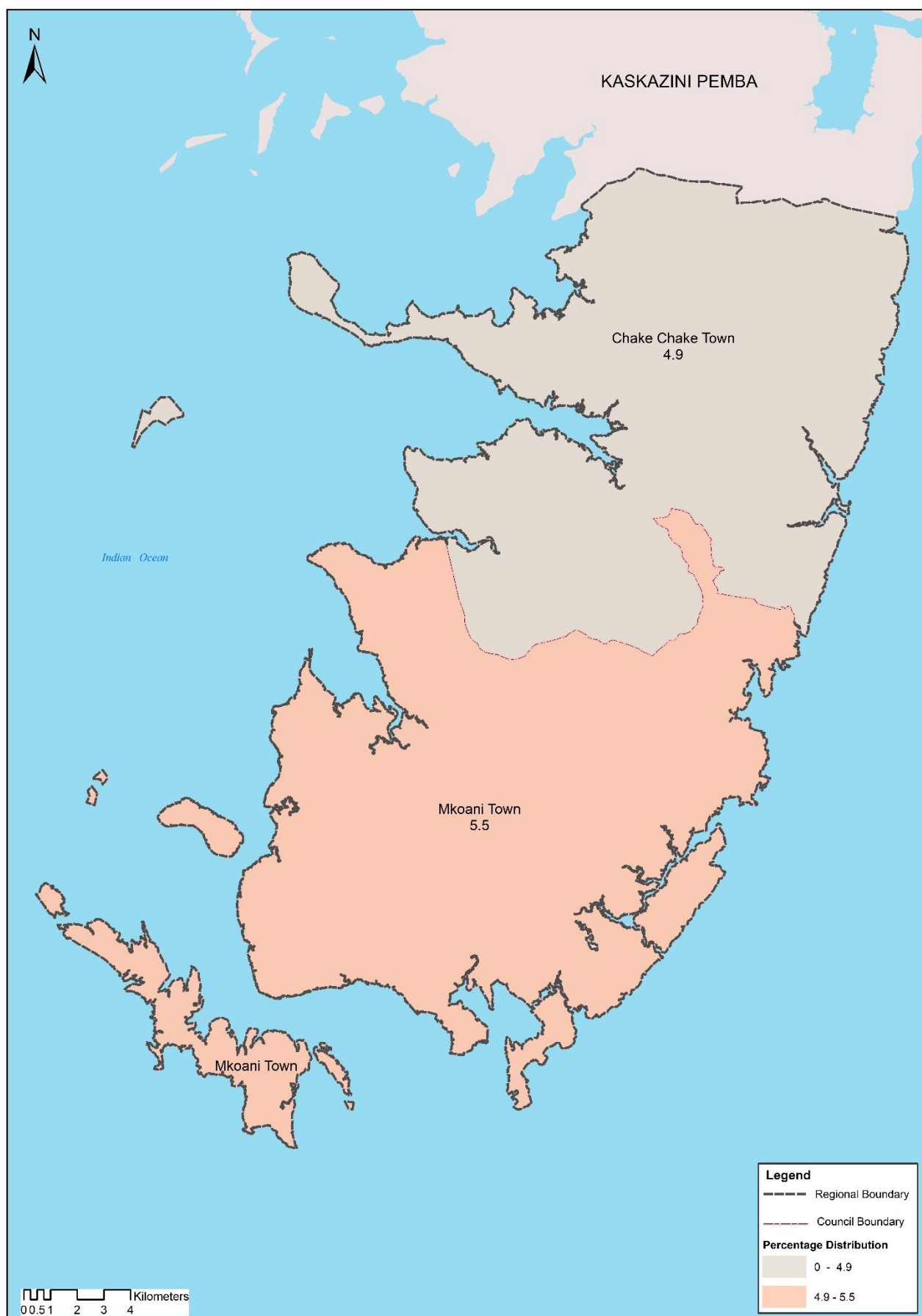
Map 3.7: Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kusini Pemba Region, 2025



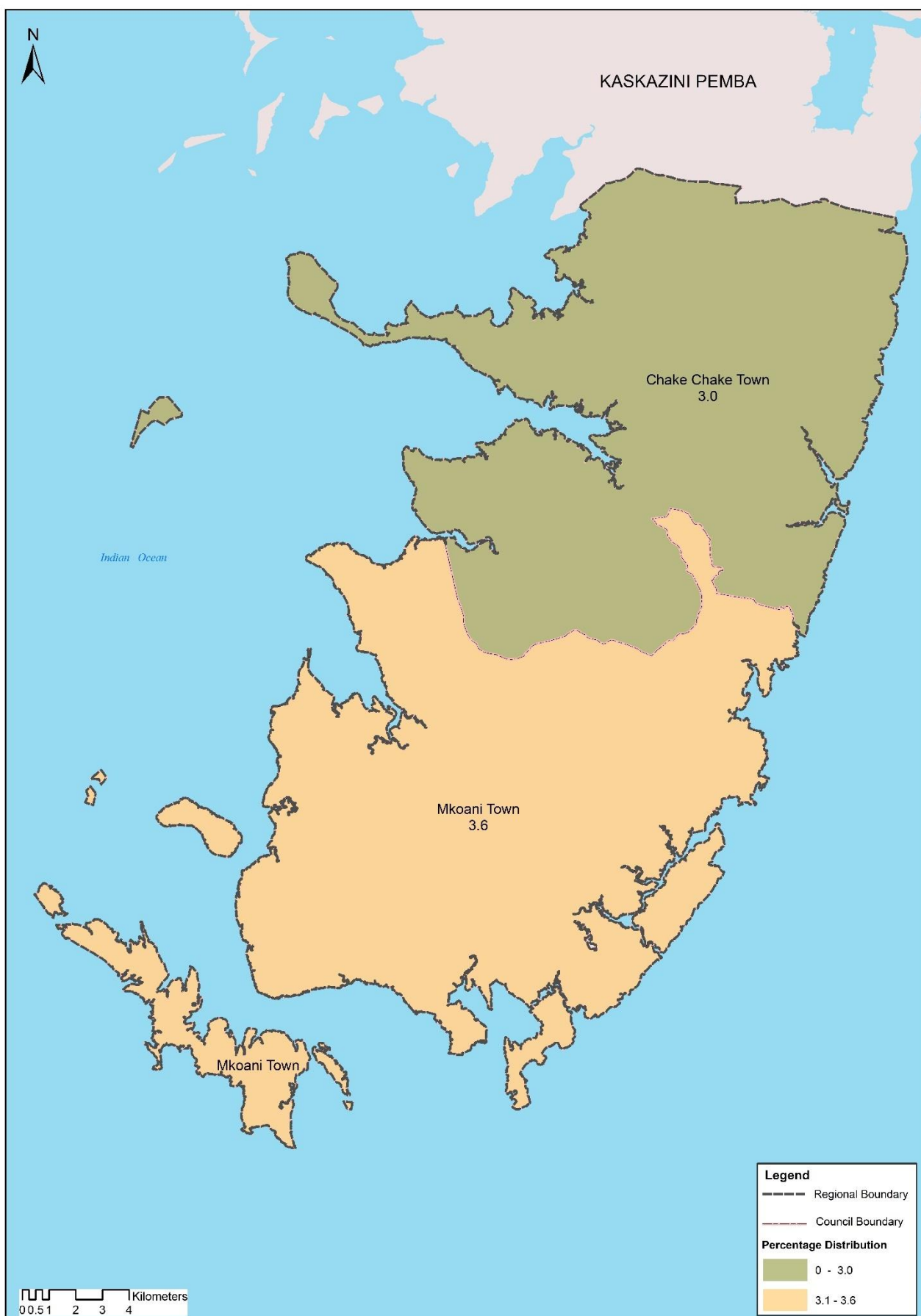
Map 3.8: Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kusini Pemba Region, 2025



Map 3.9: Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kusini Pemba Region, 2025

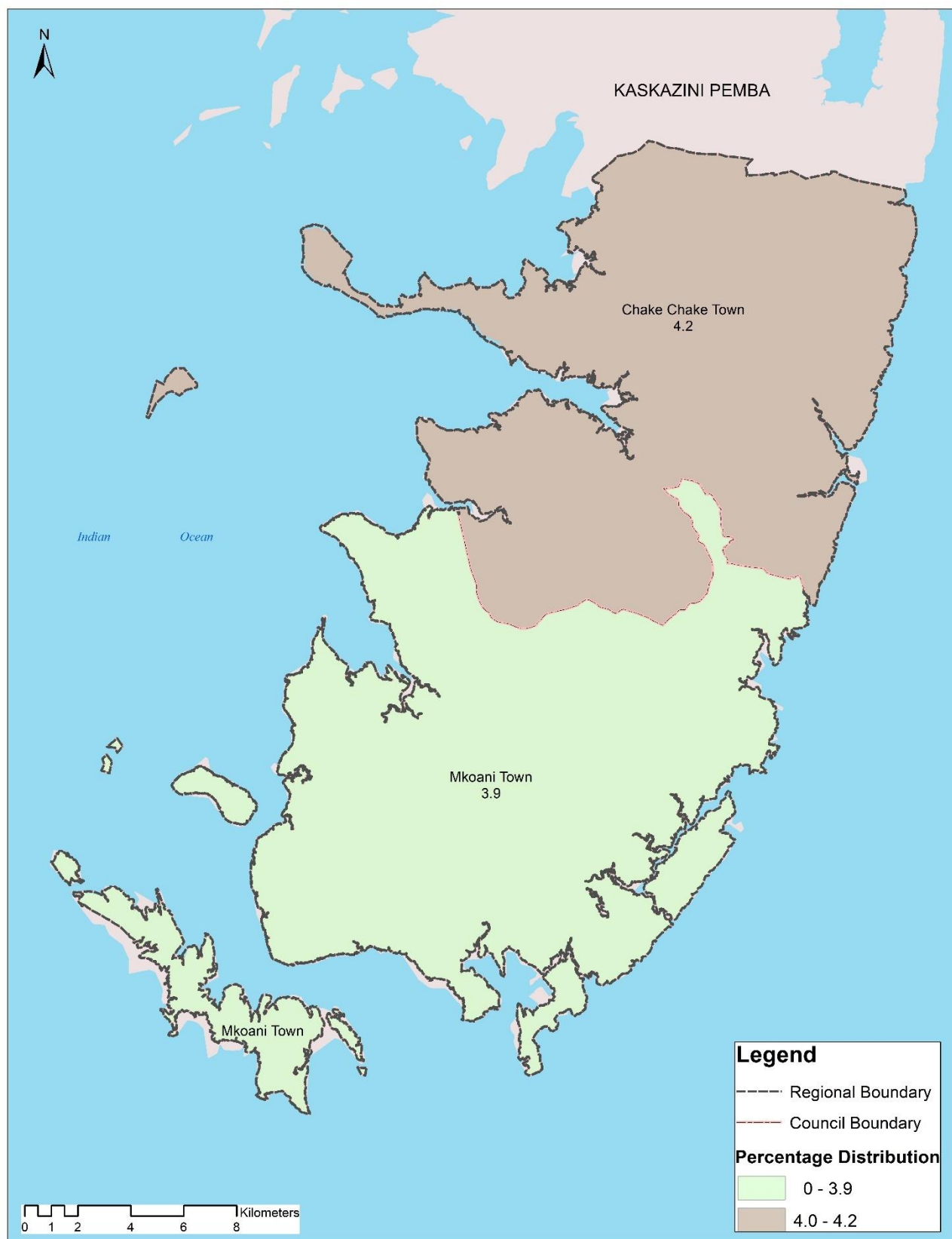


Map 3.10: Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kusini Pemba Region, 2025

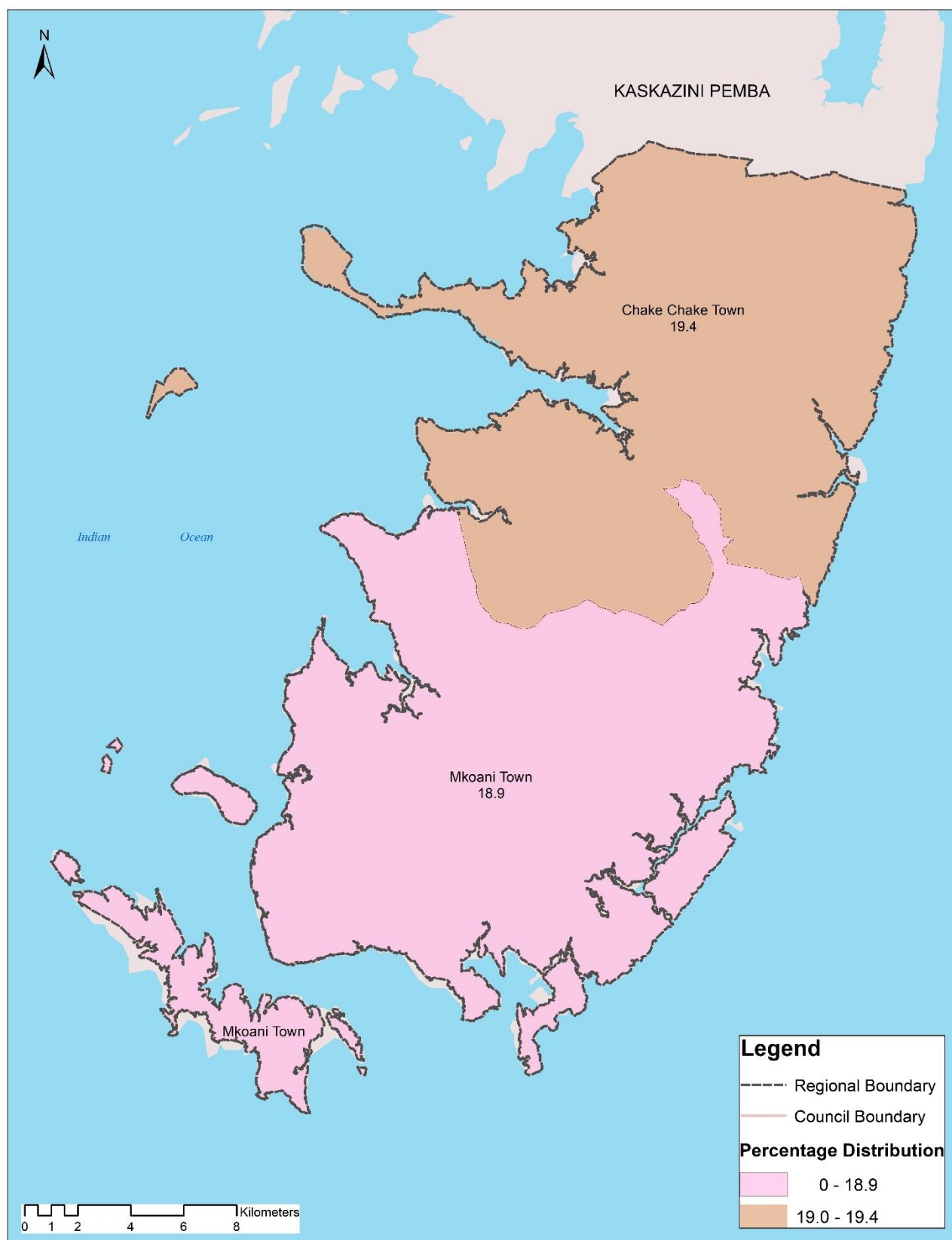


3.3 Thematic Maps on Selected Age Groups and Indicators for the Year 2030

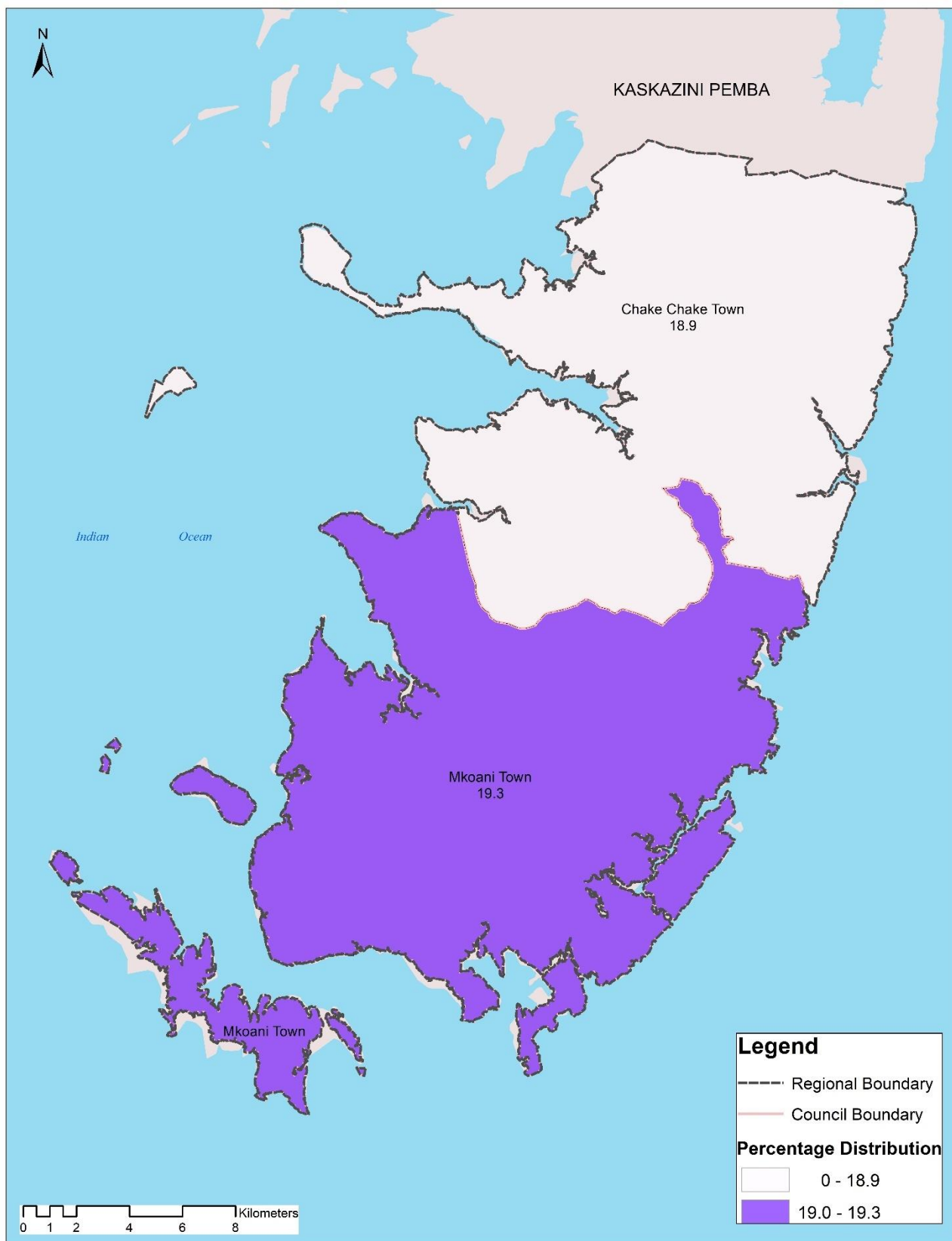
Map 3.11: Percentage Distribution of Projected Population of Children below Age One by Council Kusini Pemba Region, 2030



Map 3.12: Percentage Distribution of Projected Projection of Children Aged 0 to 4 Years by Council, Kusini Pemba Region, 2030



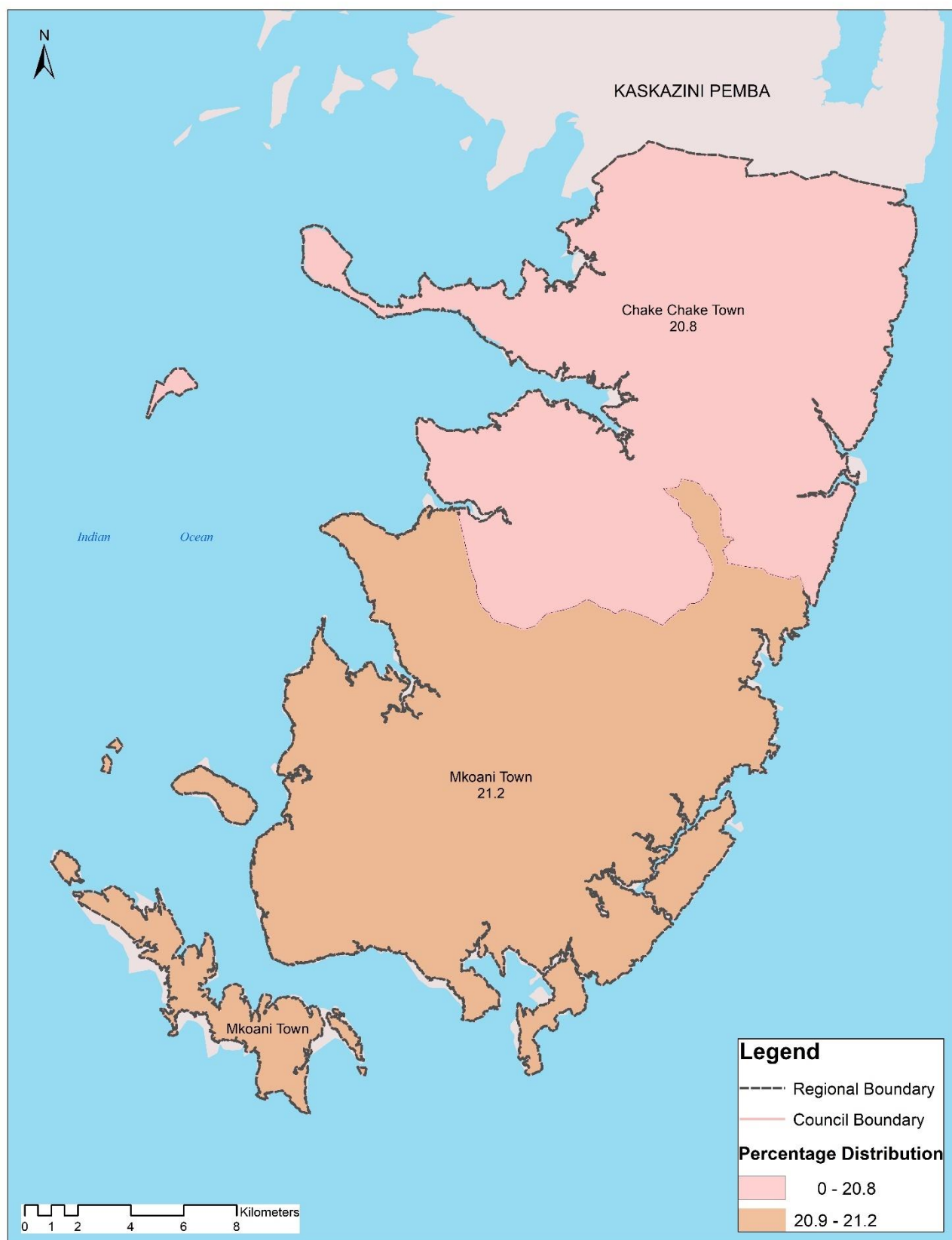
Map 3.13: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council, Kusini Pemba Region, 2030



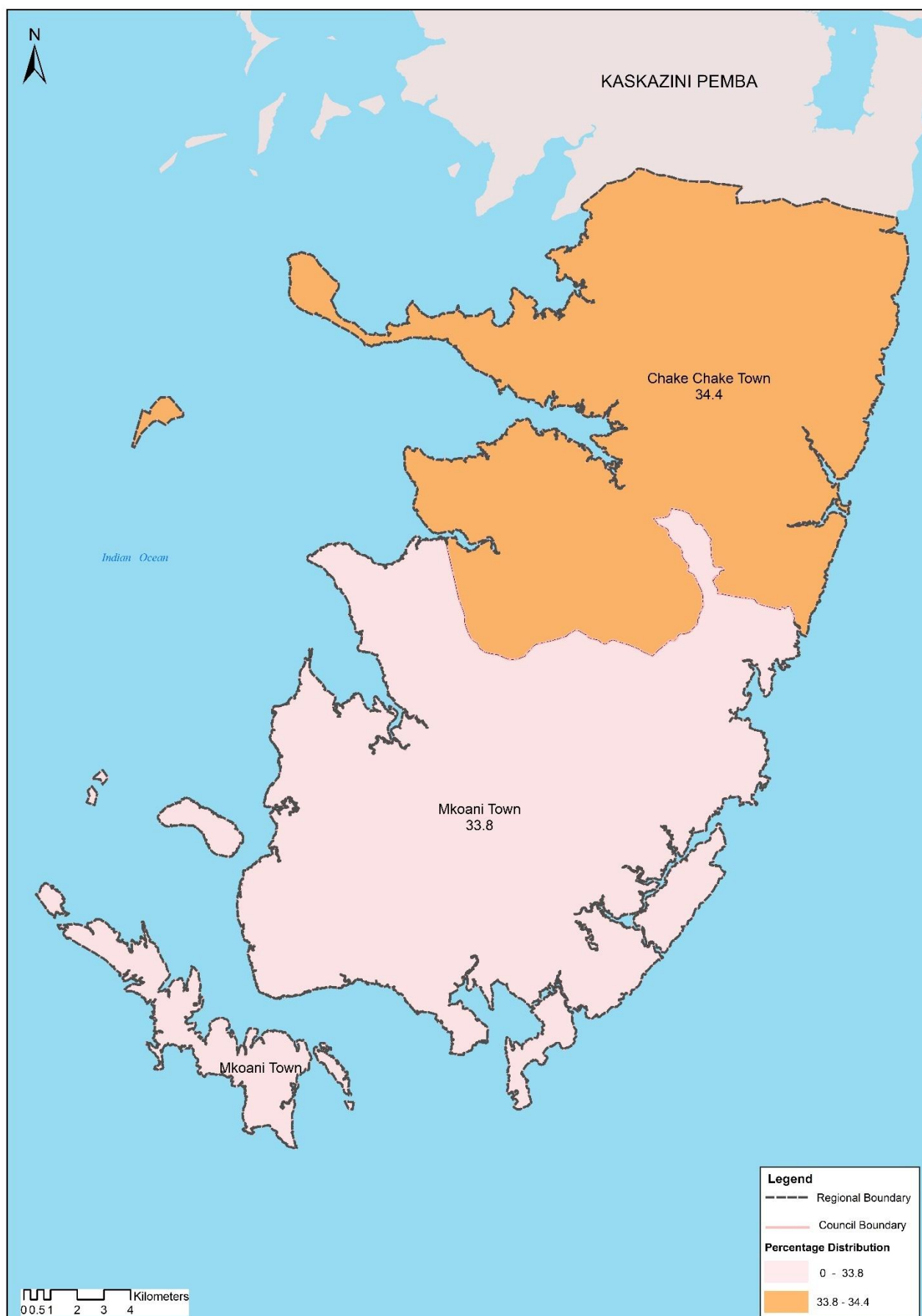
Map 3.14: Percentage Distribution of Projected Population Aged 7 to 13 Years by Council, Kusini Pemba Region, 2030



Map 3.15: Percentage Distribution of Projected Population Aged 15 to 24 Years by Council, Kusini Pemba Region, 2030



Map 3.16: Percentage Distribution of Projected Population Aged 15 - 35 Years and Above by Council; Kusini Pemba Region, 2030



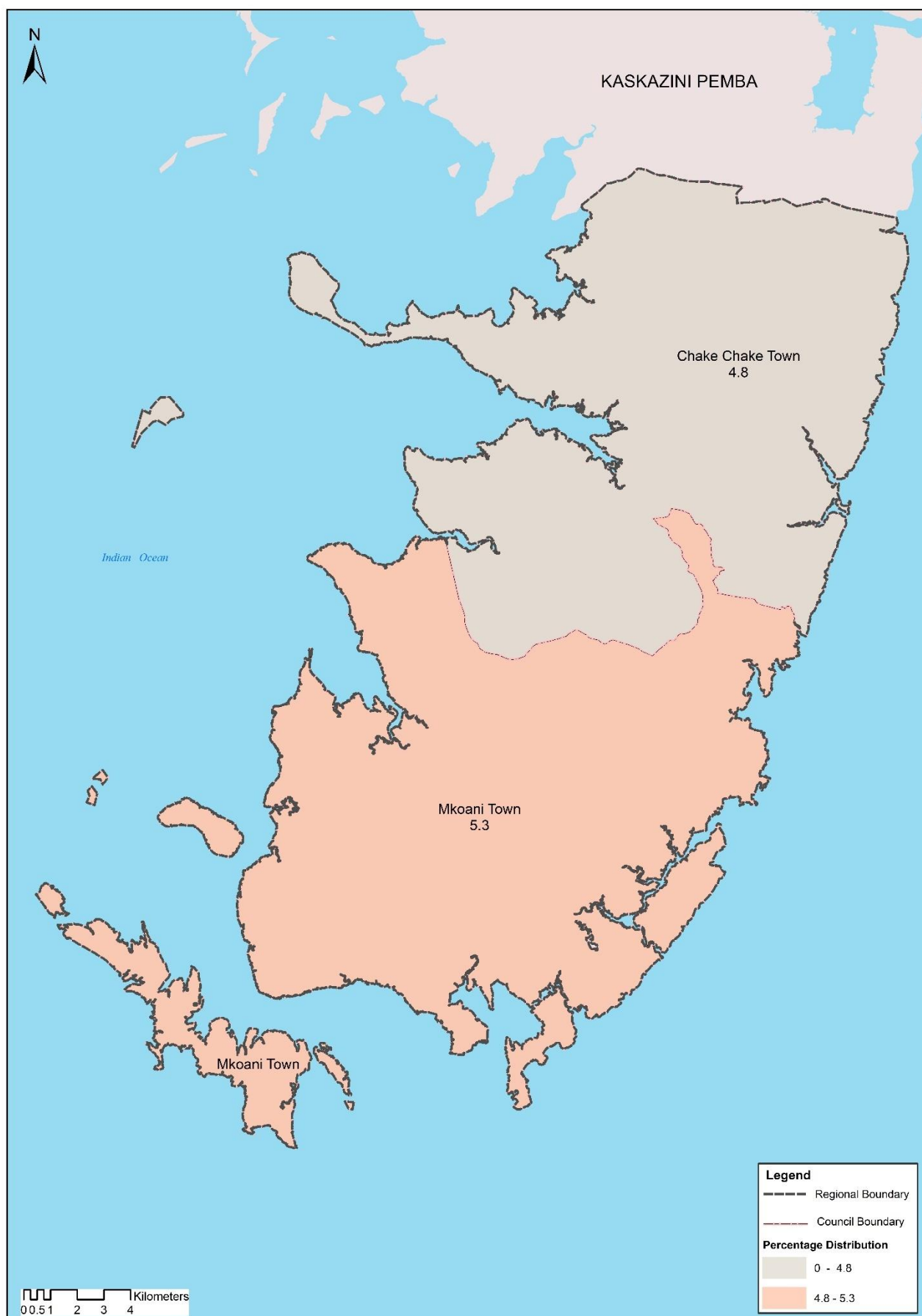
Map 3.17: Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kusini Pemba Region, 2030



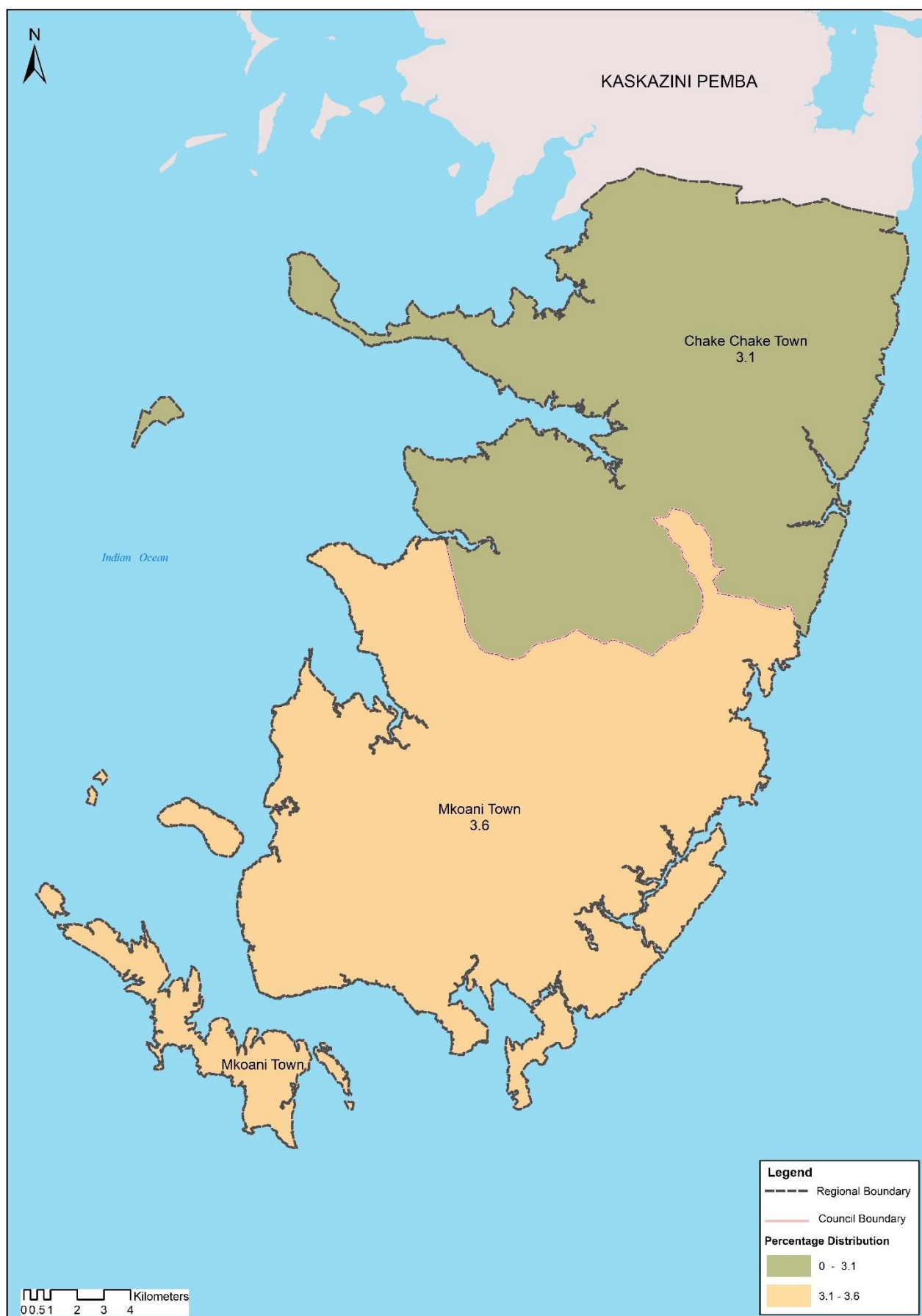
Map 3.18: Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kusini Pemba Region, 2030



Map 3.19: Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kusini Pemba Region, 2030

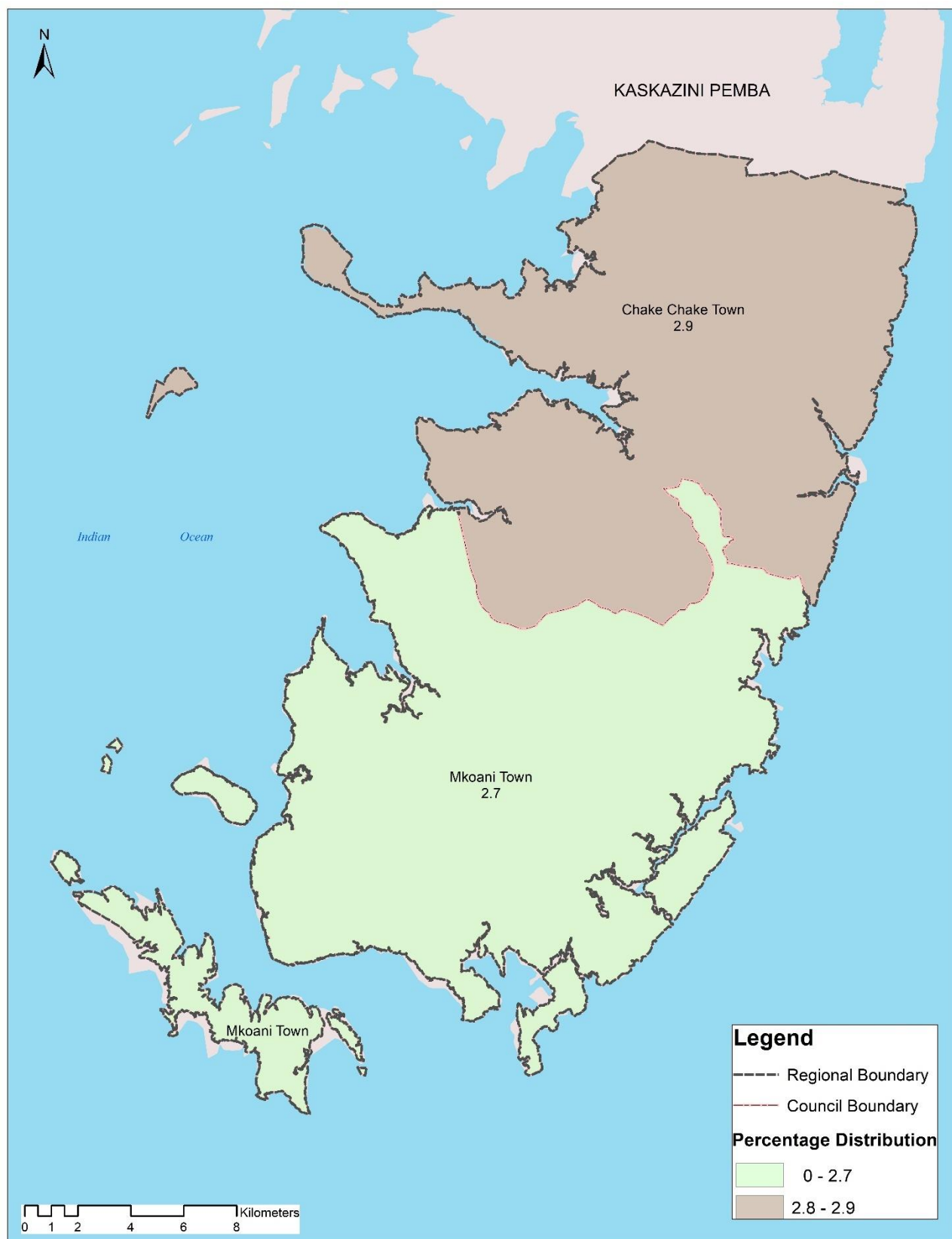


Map 3.20: Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kusini Pemba Region, 2030

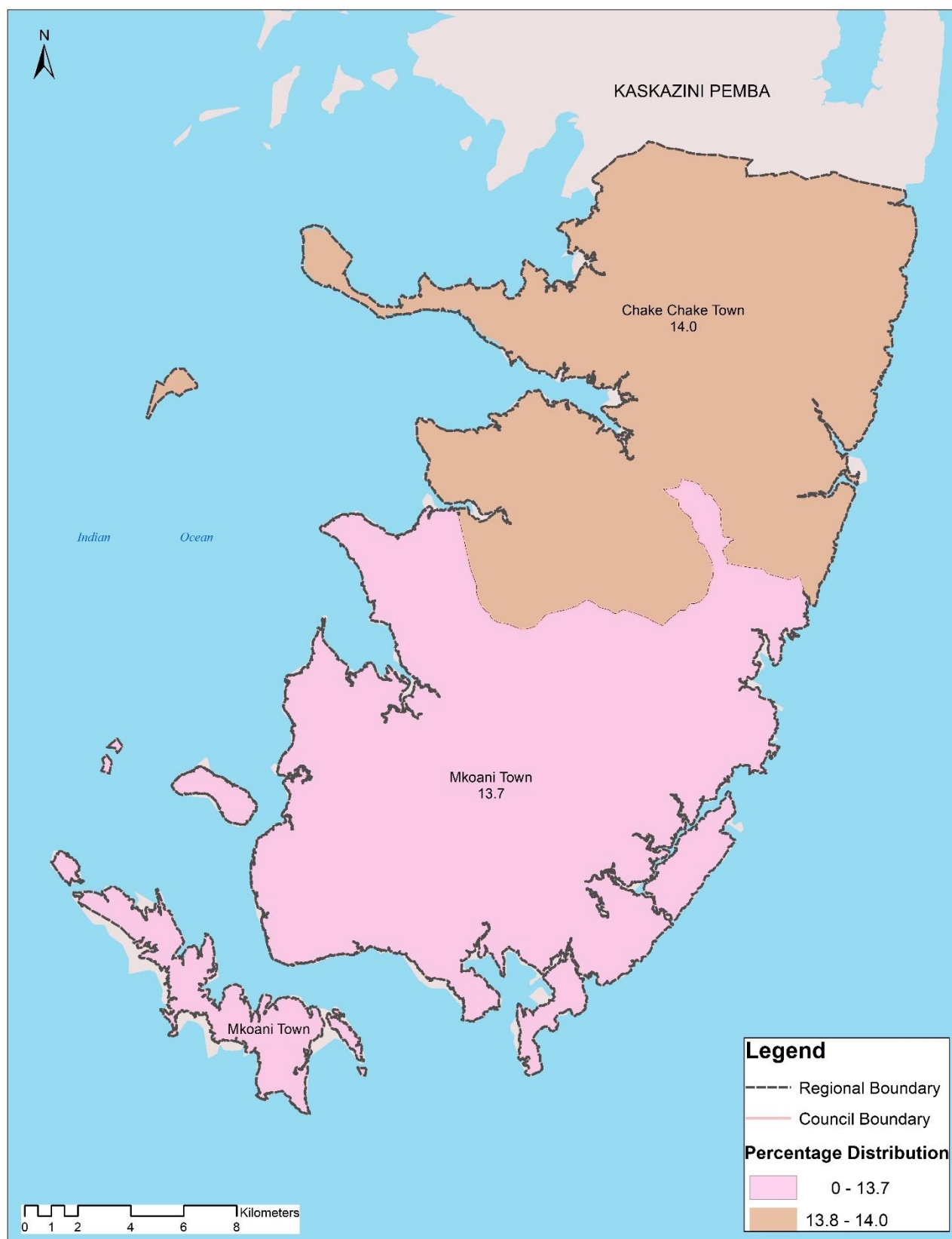


3.4 Thematic Maps on Selected Age Groups and Indicators for the Year 2050

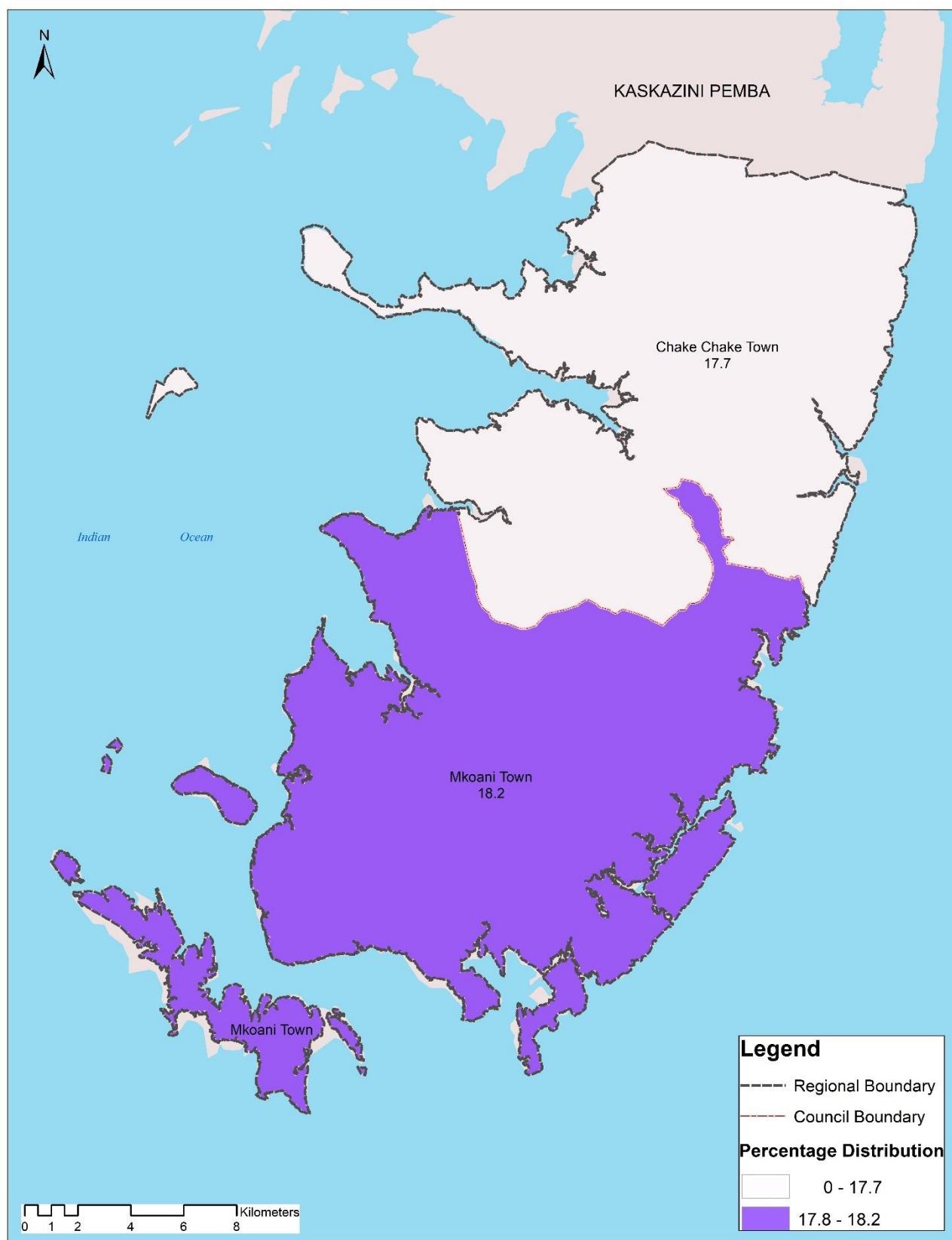
Map 3.21: Percentage Distribution of Projected Population of Children below Age One by Council; Kusini Pemba Region, 2050



Map 3.22: Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kusini Pemba Region, 2050



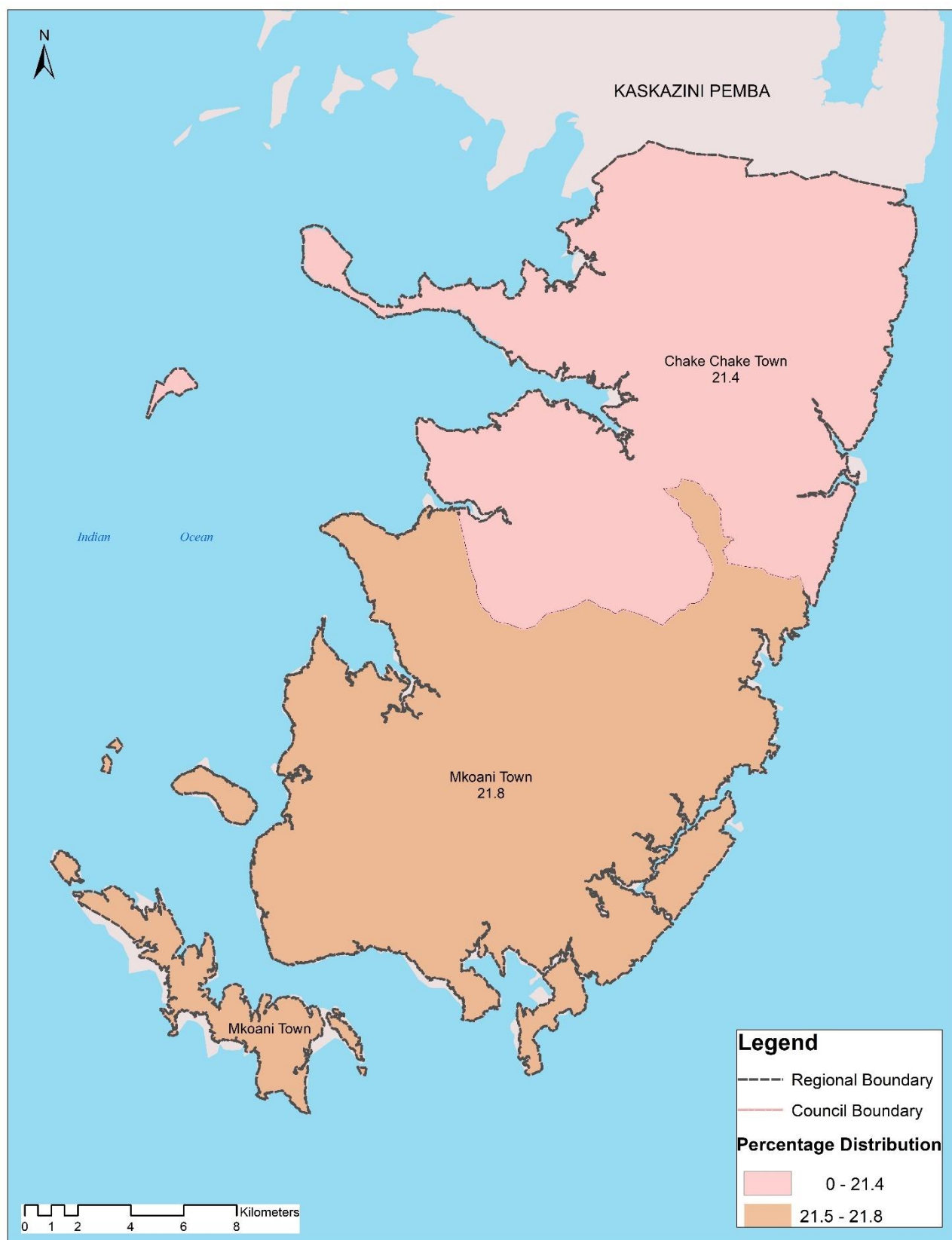
Map 3.23: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kusini Pemba Region, 2050



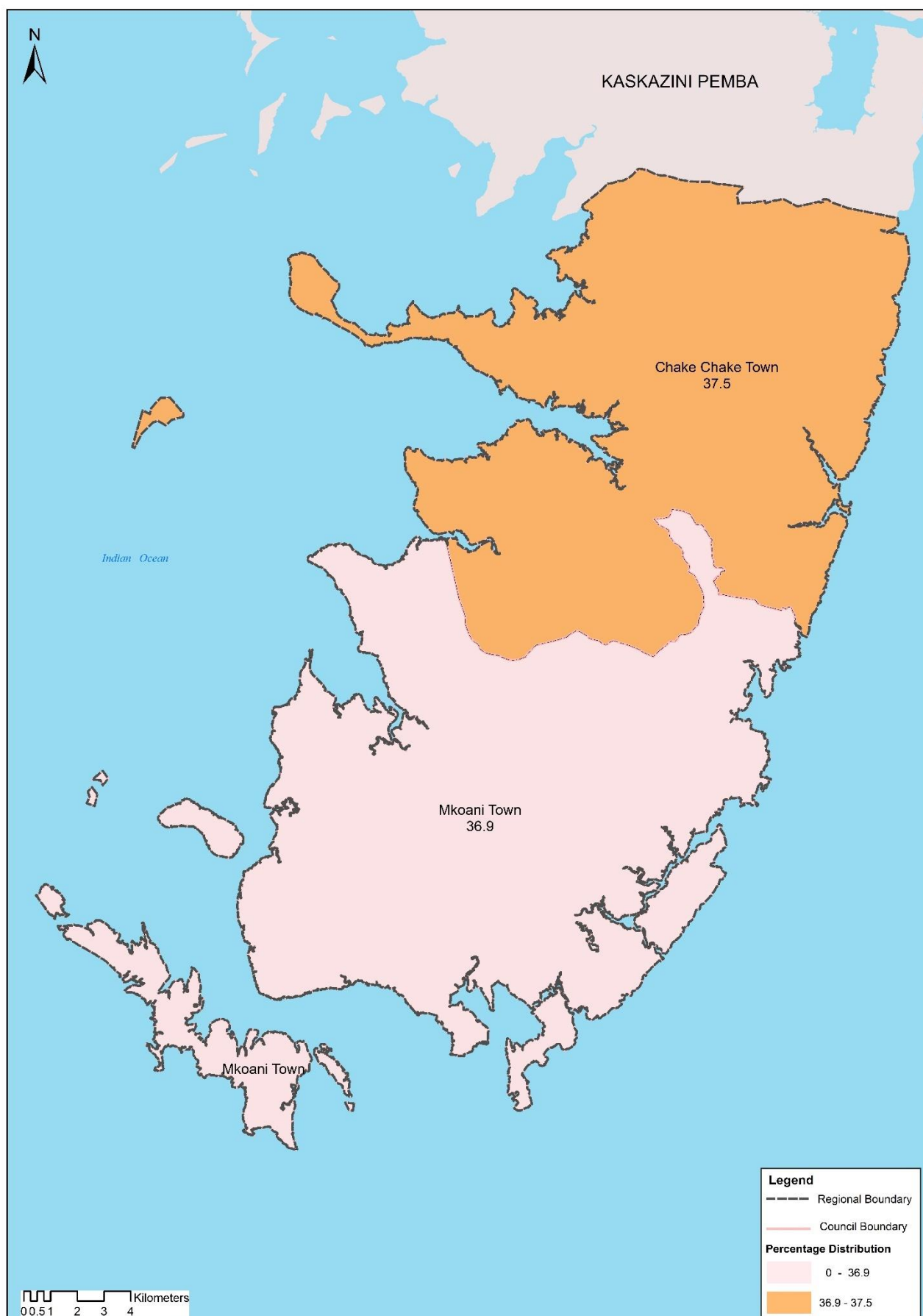
Map 3.24: Percentage Distribution of Projected Population Aged 7 to 13 Years by Council; Kusini Pemba Region, 2050



Map 3.25: Percentage Distribution of Projected Population Aged 15 to 24 Years by Council; Kusini Pemba Region, 2050



Map 3.26: Percentage Distribution of Projected Population Aged 15 - 35 Years and Above by Council; Kusini Pemba Region, 2050



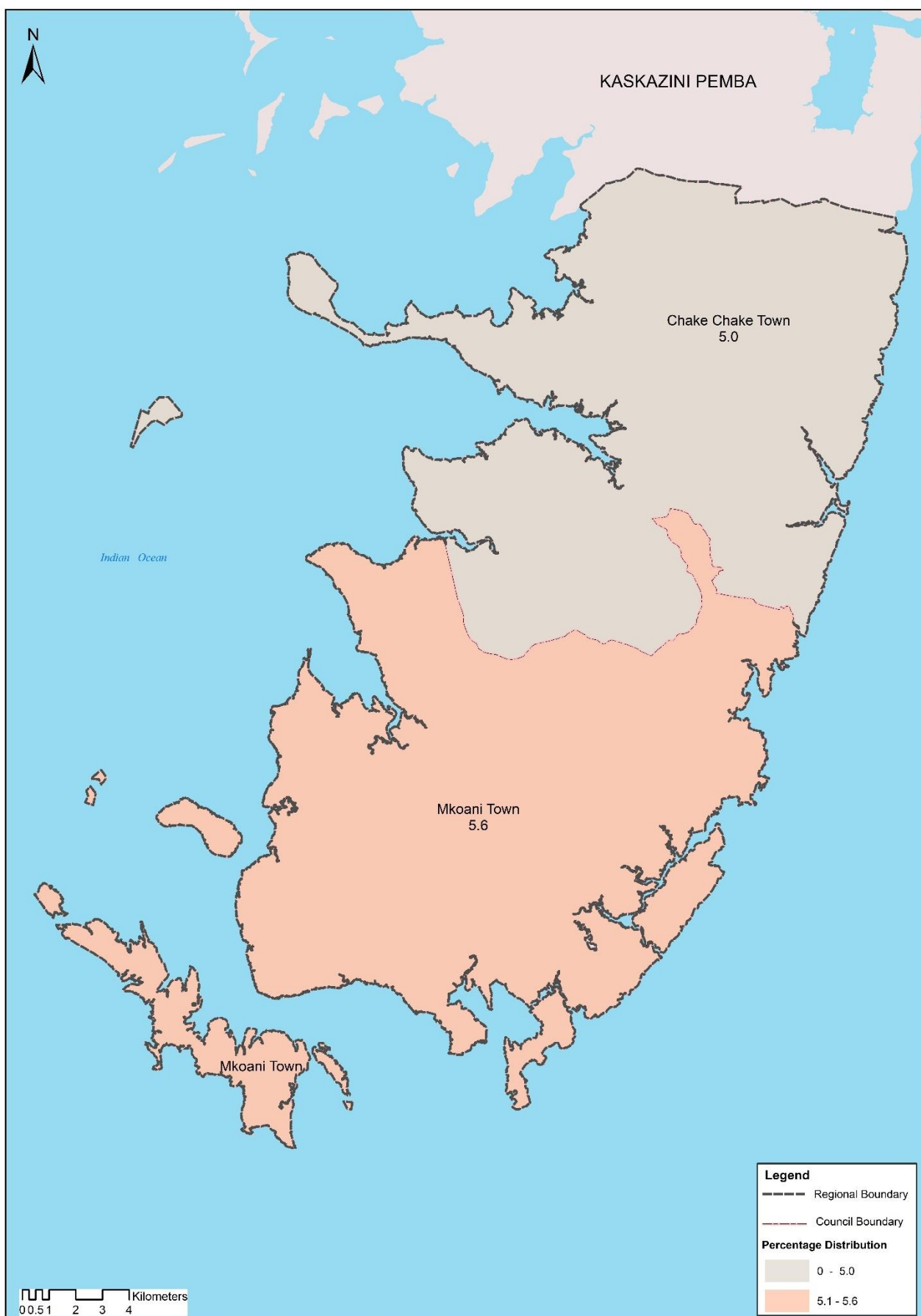
Map 3.27: Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kusini Pemba Region, 2050



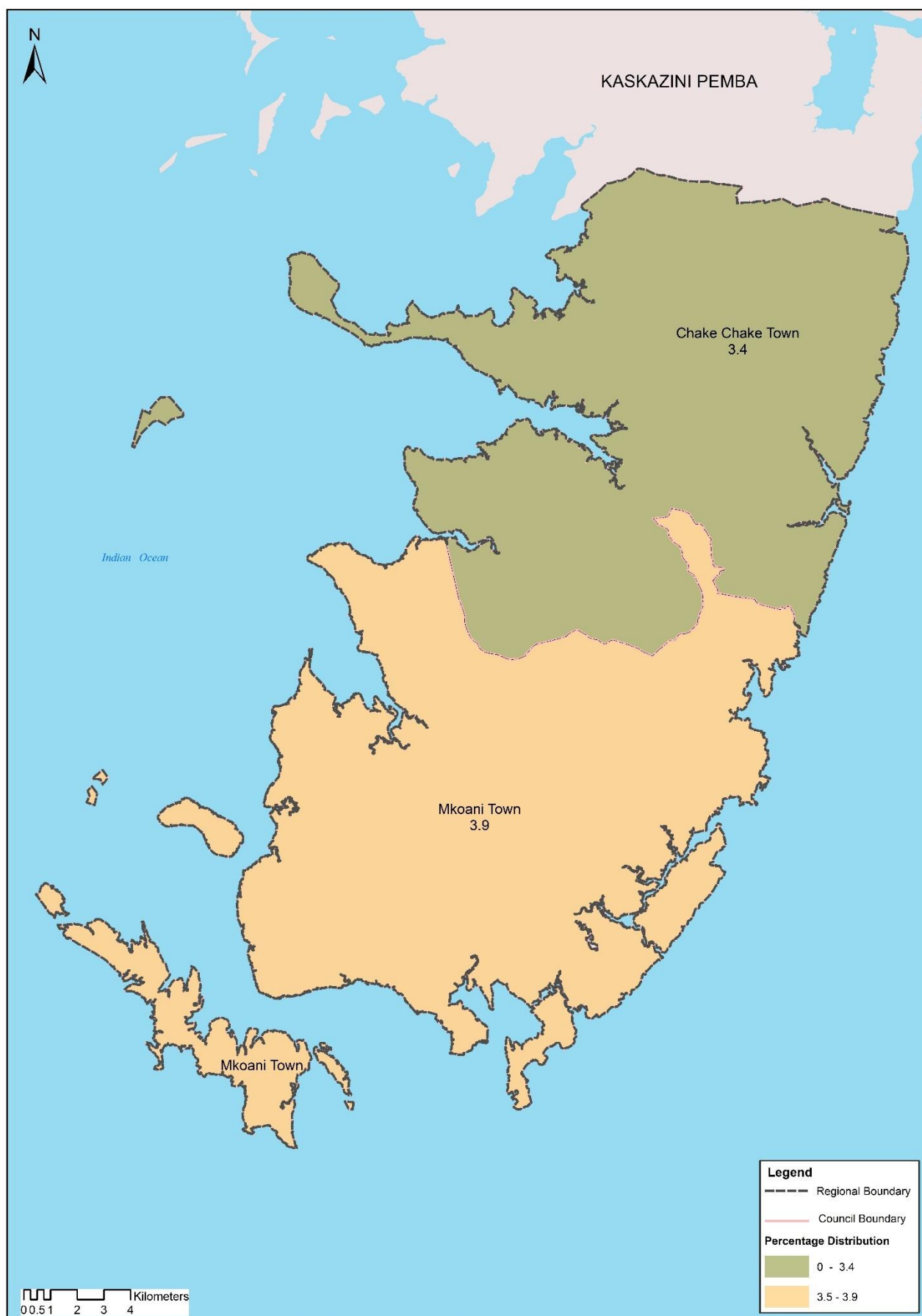
Map 3.28: Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kusini Pemba Region, 2050



Map 3.29: Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kusini Pemba Region, 2050



Map 3.30: Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kusini Pemba Region, 2050



3.5 Kusini Pemba Region Population Projections Results

This section presents population projections for Kusini Pemba Region from 2023 to 2050. The projection disaggregated by Sex and five years' age groups, starting with age 0-4 up to 80 and above. The projection results are presented in Table 3B.1 to Table 3B.29.

Table 3B.1: Projected Population by Place of Residence and Sex; Kusini Pemba Region, 2023-2050

Year	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2023	283,901	138,460	145,441	203,513	99,731	103,782	80,388	38,729	41,659
2024	293,530	143,327	150,203	209,527	102,628	106,899	84,003	40,699	43,304
2025	303,424	148,327	155,097	215,708	105,618	110,090	87,716	42,709	45,007
2026	313,589	153,466	160,123	222,117	108,710	113,407	91,472	44,756	46,716
2027	324,038	158,733	165,305	228,709	111,900	116,809	95,329	46,833	48,496
2028	334,768	164,142	170,626	235,575	115,226	120,349	99,193	48,916	50,277
2029	345,741	169,663	176,078	242,633	118,636	123,997	103,108	51,027	52,081
2030	356,945	175,304	181,641	249,920	122,166	127,754	107,025	53,138	53,887
2031	368,369	181,047	187,322	257,384	125,789	131,595	110,985	55,258	55,727
2032	380,035	186,909	193,126	265,028	129,487	135,541	115,007	57,422	57,585
2033	391,853	192,858	198,995	272,839	133,293	139,546	119,014	59,565	59,449
2034	403,844	198,883	204,961	280,802	137,158	143,644	123,042	61,725	61,317
2035	415,977	204,980	210,997	288,895	141,101	147,794	127,082	63,879	63,203
2036	428,209	211,129	217,080	297,048	145,076	151,972	131,161	66,053	65,108
2037	440,536	217,326	223,210	305,301	149,098	156,203	135,235	68,228	67,007
2038	452,924	223,556	229,368	313,594	153,147	160,447	139,330	70,409	68,921
2039	465,436	229,843	235,593	322,018	157,256	164,762	143,418	72,587	70,831
2040	478,060	236,189	241,871	330,497	161,395	169,102	147,563	74,794	72,769
2041	490,706	242,560	248,146	338,991	165,553	173,438	151,715	77,007	74,708
2042	503,396	248,944	254,452	347,554	169,754	177,800	155,842	79,190	76,652
2043	516,098	255,337	260,761	356,104	173,940	182,164	159,994	81,397	78,597
2044	528,820	261,735	267,085	364,710	178,147	186,563	164,110	83,588	80,522
2045	541,598	268,166	273,432	373,327	182,379	190,948	168,271	85,787	82,484
2046	554,377	274,604	279,773	381,994	186,636	195,358	172,383	87,968	84,415
2047	567,133	281,036	286,097	390,650	190,894	199,756	176,483	90,142	86,341
2048	579,899	287,470	292,429	399,335	195,167	204,168	180,564	92,303	88,261
2049	592,618	293,884	298,734	407,992	199,425	208,567	184,626	94,459	90,167
2050	605,387	300,332	305,055	416,736	203,750	212,986	188,651	96,582	92,069

Table 3B.2: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2023

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	283,901	138,460	145,441	203,513	99,731	103,782	80,388	38,729	41,659
0 - 4	50,008	25,309	24,699	36,509	18,448	18,061	13,499	6,861	6,638
5 -9	44,582	22,897	21,685	32,804	16,960	15,844	11,778	5,937	5,841
10 -14	40,268	20,662	19,606	29,699	15,377	14,322	10,569	5,285	5,284
15-19	32,980	16,522	16,458	23,994	12,275	11,719	8,986	4,247	4,739
20-24	23,229	10,916	12,313	16,018	7,546	8,472	7,211	3,370	3,841
25-29	17,334	7,937	9,397	11,709	5,404	6,305	5,625	2,533	3,092
30-34	14,806	6,721	8,085	9,944	4,461	5,483	4,862	2,260	2,602
35-39	12,599	5,574	7,025	8,729	3,788	4,941	3,870	1,786	2,084
40-44	10,661	4,775	5,886	7,366	3,246	4,120	3,295	1,529	1,766
45-49	8,794	3,861	4,933	6,108	2,650	3,458	2,686	1,211	1,475
50-54	8,018	3,471	4,547	5,669	2,412	3,257	2,349	1,059	1,290
55-59	6,552	2,988	3,564	4,689	2,141	2,548	1,863	847	1,016
60-64	4,997	2,625	2,372	3,496	1,875	1,621	1,501	750	751
65-69	3,374	1,572	1,802	2,519	1,156	1,363	855	416	439
70-74	2,398	1,292	1,106	1,737	959	778	661	333	328
75-79	1,882	772	1,110	1,430	598	832	452	174	278
80+	1,419	566	853	1,093	435	658	326	131	195

Table 3B.3: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2024

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	293,530	143,327	150,203	209,527	102,628	106,899	84,003	40,699	43,304
0 - 4	52,901	26,765	26,136	38,541	19,435	19,106	14,360	7,330	7,030
5 -9	44,774	22,835	21,939	32,763	16,771	15,992	12,011	6,064	5,947
10 -14	40,944	21,121	19,823	29,980	15,611	14,369	10,964	5,510	5,454
15-19	34,952	17,514	17,438	25,463	12,958	12,505	9,489	4,556	4,933
20-24	24,417	11,819	12,598	16,840	8,206	8,634	7,577	3,613	3,964
25-29	18,378	8,262	10,116	12,292	5,564	6,728	6,086	2,698	3,388
30-34	14,983	6,890	8,093	10,116	4,581	5,535	4,867	2,309	2,558
35-39	13,218	5,859	7,359	8,980	3,893	5,087	4,238	1,966	2,272
40-44	10,791	4,809	5,982	7,450	3,243	4,207	3,341	1,566	1,775
45-49	9,295	4,071	5,224	6,401	2,772	3,629	2,894	1,299	1,595
50-54	7,652	3,336	4,316	5,411	2,329	3,082	2,241	1,007	1,234
55-59	6,748	2,970	3,778	4,775	2,083	2,692	1,973	887	1,086
60-64	5,190	2,675	2,515	3,637	1,909	1,728	1,553	766	787
65-69	3,816	1,849	1,967	2,798	1,341	1,457	1,018	508	510
70-74	2,208	1,193	1,015	1,621	893	728	587	300	287
75-79	1,905	809	1,096	1,418	618	800	487	191	296
80+	1,358	550	808	1,041	421	620	317	129	188

Table 3B.4: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2025

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	303,424	148,327	155,097	215,708	105,618	110,090	87,716	42,709	45,007
0 - 4	56,210	28,452	27,758	40,766	20,518	20,248	15,444	7,934	7,510
5 - 9	45,338	23,021	22,317	33,015	16,832	16,183	12,323	6,189	6,134
10 -14	41,727	21,548	20,179	30,369	15,793	14,576	11,358	5,755	5,603
15-19	35,820	18,062	17,758	26,180	13,358	12,822	9,640	4,704	4,936
20-24	26,566	13,059	13,507	18,342	9,118	9,224	8,224	3,941	4,283
25-29	18,619	8,367	10,252	12,384	5,586	6,798	6,235	2,781	3,454
30-34	15,528	7,075	8,453	10,390	4,627	5,763	5,138	2,448	2,690
35-39	12,966	5,823	7,143	8,666	3,819	4,847	4,300	2,004	2,296
40-44	11,451	5,071	6,380	7,837	3,381	4,456	3,614	1,690	1,924
45-49	8,783	3,956	4,827	5,875	2,618	3,257	2,908	1,338	1,570
50-54	8,215	3,558	4,657	5,854	2,493	3,361	2,361	1,065	1,296
55-59	6,466	2,859	3,607	4,534	1,980	2,554	1,932	879	1,053
60-64	5,651	2,708	2,943	4,056	1,955	2,101	1,595	753	842
65-69	3,841	2,020	1,821	2,747	1,458	1,289	1,094	562	532
70-74	2,656	1,221	1,435	1,989	908	1,081	667	313	354
75-79	1,753	855	898	1,287	649	638	466	206	260
80+	1,834	672	1,162	1,417	525	892	417	147	270

Table 3B.5: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2026

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	313,589	153,466	160,123	222,117	108,710	113,407	91,472	44,756	46,716
0 - 4	59,823	30,216	29,607	43,216	21,751	21,465	16,607	8,465	8,142
5 - 9	45,634	23,208	22,426	33,212	16,863	16,349	12,422	6,345	6,077
10 -14	41,812	21,535	20,277	30,305	15,735	14,570	11,507	5,800	5,707
15-19	37,091	18,830	18,261	27,055	13,801	13,254	10,036	5,029	5,007
20-24	28,270	13,982	14,288	19,656	9,875	9,781	8,614	4,107	4,507
25-29	20,023	9,098	10,925	13,201	5,970	7,231	6,822	3,128	3,694
30-34	15,491	7,056	8,435	10,226	4,599	5,627	5,265	2,457	2,808
35-39	13,597	6,199	7,398	8,953	3,966	4,987	4,644	2,233	2,411
40-44	11,619	5,057	6,562	7,893	3,337	4,556	3,726	1,720	2,006
45-49	9,371	4,258	5,113	6,310	2,786	3,524	3,061	1,472	1,589
50-54	8,171	3,525	4,646	5,777	2,469	3,308	2,394	1,056	1,338
55-59	6,869	2,973	3,896	4,803	2,059	2,744	2,066	914	1,152
60-64	5,790	2,744	3,046	4,190	1,991	2,199	1,600	753	847
65-69	3,932	2,068	1,864	2,747	1,461	1,286	1,185	607	578
70-74	2,641	1,199	1,442	1,987	888	1,099	654	311	343
75-79	1,688	869	819	1,224	656	568	464	213	251
80+	1,767	649	1,118	1,362	503	859	405	146	259

Table 3B.6: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2027

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	324,038	158,733	165,305	228,709	111,900	116,809	95,329	46,833	48,496
0 - 4	63,749	32,185	31,564	46,033	23,195	22,838	17,716	8,990	8,726
5 - 9	45,358	23,006	22,352	32,694	16,526	16,168	12,664	6,480	6,184
10 -14	42,711	21,963	20,748	30,863	15,916	14,947	11,848	6,047	5,801
15-19	37,897	19,288	18,609	27,551	14,077	13,474	10,346	5,211	5,135
20-24	30,248	15,103	15,145	21,150	10,741	10,409	9,098	4,362	4,736
25-29	20,995	9,690	11,305	13,793	6,305	7,488	7,202	3,385	3,817
30-34	15,981	7,233	8,748	10,415	4,651	5,764	5,566	2,582	2,984
35-39	13,790	6,319	7,471	9,002	4,003	4,999	4,788	2,316	2,472
40-44	11,966	5,178	6,788	8,108	3,381	4,727	3,858	1,797	2,061
45-49	9,678	4,399	5,279	6,532	2,895	3,637	3,146	1,504	1,642
50-54	8,176	3,517	4,659	5,700	2,428	3,272	2,476	1,089	1,387
55-59	7,164	3,117	4,047	5,044	2,144	2,900	2,120	973	1,147
60-64	6,046	2,773	3,273	4,330	1,995	2,335	1,716	778	938
65-69	4,055	2,121	1,934	2,837	1,511	1,326	1,218	610	608
70-74	2,715	1,256	1,459	2,024	918	1,106	691	338	353
75-79	1,752	899	853	1,279	676	603	473	223	250
80+	1,757	686	1,071	1,354	538	816	403	148	255

Table 3B.7: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2028

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	334,768	164,142	170,626	235,575	115,226	120,349	99,193	48,916	50,277
0 - 4	65,389	33,011	32,378	47,226	23,797	23,429	18,163	9,214	8,949
5 - 9	47,911	24,194	23,717	34,398	17,269	17,129	13,513	6,925	6,588
10 -14	43,123	22,127	20,996	31,049	15,954	15,095	12,074	6,173	5,901
15-19	38,946	19,962	18,984	28,057	14,435	13,622	10,889	5,527	5,362
20-24	31,777	15,878	15,899	22,476	11,401	11,075	9,301	4,477	4,824
25-29	22,333	10,463	11,870	14,705	6,810	7,895	7,628	3,653	3,975
30-34	16,648	7,602	9,046	10,707	4,814	5,893	5,941	2,788	3,153
35-39	14,201	6,427	7,774	9,185	4,031	5,154	5,016	2,396	2,620
40-44	12,045	5,313	6,732	8,121	3,460	4,661	3,924	1,853	2,071
45-49	10,142	4,528	5,614	6,836	2,957	3,879	3,306	1,571	1,735
50-54	8,293	3,622	4,671	5,693	2,442	3,251	2,600	1,180	1,420
55-59	7,465	3,205	4,260	5,242	2,202	3,040	2,223	1,003	1,220
60-64	5,968	2,693	3,275	4,249	1,917	2,332	1,719	776	943
65-69	4,370	2,266	2,104	3,052	1,615	1,437	1,318	651	667
70-74	2,768	1,272	1,496	2,062	932	1,130	706	340	366
75-79	1,748	926	822	1,265	686	579	483	240	243
80+	1,641	653	988	1,252	504	748	389	149	240

Table 3B.8: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2029

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	345,741	169,663	176,078	242,633	118,636	123,997	103,108	51,027	52,081
0 - 4	66,967	33,806	33,161	48,389	24,383	24,006	18,578	9,423	9,155
5 - 9	50,737	25,613	25,124	36,368	18,224	18,144	14,369	7,389	6,980
10 -14	43,337	22,081	21,256	31,032	15,784	15,248	12,305	6,297	6,008
15-19	39,622	20,416	19,206	28,361	14,679	13,682	11,261	5,737	5,524
20-24	33,696	16,841	16,855	23,893	12,055	11,838	9,803	4,786	5,017
25-29	23,490	11,336	12,154	15,531	7,461	8,070	7,959	3,875	4,084
30-34	17,661	7,917	9,744	11,258	4,959	6,299	6,403	2,958	3,445
35-39	14,379	6,593	7,786	9,380	4,162	5,218	4,999	2,431	2,568
40-44	12,646	5,589	7,057	8,345	3,549	4,796	4,301	2,040	2,261
45-49	10,280	4,566	5,714	6,933	2,965	3,968	3,347	1,601	1,746
50-54	8,767	3,820	4,947	5,968	2,556	3,412	2,799	1,264	1,535
55-59	7,130	3,085	4,045	5,007	2,130	2,877	2,123	955	1,168
60-64	6,157	2,683	3,474	4,334	1,867	2,467	1,823	816	1,007
65-69	4,541	2,311	2,230	3,175	1,644	1,531	1,366	667	699
70-74	3,120	1,494	1,626	2,280	1,080	1,200	840	414	426
75-79	1,598	848	750	1,166	631	535	432	217	215
80+	1,613	664	949	1,213	507	706	400	157	243

Table 3B.9: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2030

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	356,945	175,304	181,641	249,920	122,166	127,754	107,025	53,138	53,887
0 - 4	68,494	34,581	33,913	49,591	24,992	24,599	18,903	9,589	9,314
5 - 9	53,974	27,260	26,714	38,539	19,278	19,261	15,435	7,982	7,453
10 -14	43,911	22,273	21,638	31,295	15,850	15,445	12,616	6,423	6,193
15-19	40,398	20,838	19,560	28,744	14,858	13,886	11,654	5,980	5,674
20-24	34,550	17,378	17,172	24,610	12,454	12,156	9,940	4,924	5,016
25-29	25,572	12,534	13,038	16,972	8,337	8,635	8,600	4,197	4,403
30-34	17,910	8,024	9,886	11,384	4,997	6,387	6,526	3,027	3,499
35-39	14,915	6,774	8,141	9,639	4,201	5,438	5,276	2,573	2,703
40-44	12,416	5,561	6,855	8,066	3,489	4,577	4,350	2,072	2,278
45-49	10,916	4,819	6,097	7,301	3,094	4,207	3,615	1,725	1,890
50-54	8,300	3,720	4,580	5,488	2,417	3,071	2,812	1,303	1,509
55-59	7,671	3,296	4,375	5,432	2,285	3,147	2,239	1,011	1,228
60-64	5,924	2,590	3,334	4,133	1,781	2,352	1,791	809	982
65-69	4,987	2,353	2,634	3,576	1,696	1,880	1,411	657	754
70-74	3,184	1,646	1,538	2,273	1,184	1,089	911	462	449
75-79	1,992	887	1,105	1,492	657	835	500	230	270
80+	1,831	770	1,061	1,385	596	789	446	174	272

Table 3B.10: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2031

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	368,369	181,047	187,322	257,384	125,789	131,595	110,985	55,258	55,727
0 - 4	69,933	35,310	34,623	50,724	25,567	25,157	19,209	9,743	9,466
5 - 9	57,524	28,989	28,535	40,949	20,490	20,459	16,575	8,499	8,076
10 -14	44,226	22,471	21,755	31,495	15,887	15,608	12,731	6,584	6,147
15-19	40,504	20,837	19,667	28,721	14,824	13,897	11,783	6,013	5,770
20-24	35,803	18,130	17,673	25,465	12,885	12,580	10,338	5,245	5,093
25-29	27,231	13,429	13,802	18,291	9,096	9,195	8,940	4,333	4,607
30-34	19,275	8,732	10,543	12,145	5,350	6,795	7,130	3,382	3,748
35-39	14,892	6,763	8,129	9,502	4,184	5,318	5,390	2,579	2,811
40-44	13,031	5,925	7,106	8,323	3,618	4,705	4,708	2,307	2,401
45-49	11,084	4,807	6,277	7,375	3,062	4,313	3,709	1,745	1,964
50-54	8,865	4,007	4,858	5,892	2,572	3,320	2,973	1,435	1,538
55-59	7,631	3,265	4,366	5,364	2,265	3,099	2,267	1,000	1,267
60-64	6,294	2,692	3,602	4,381	1,853	2,528	1,913	839	1,074
65-69	5,106	2,382	2,724	3,691	1,725	1,966	1,415	657	758
70-74	3,251	1,680	1,571	2,268	1,184	1,084	983	496	487
75-79	1,972	868	1,104	1,483	643	840	489	225	264
80+	1,747	760	987	1,315	584	731	432	176	256

Table 3B.11: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2032

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	380,035	186,909	193,126	265,028	129,487	135,541	115,007	57,422	57,585
0 - 4	71,326	36,015	35,311	51,844	26,134	25,710	19,482	9,881	9,601
5 - 9	61,379	30,920	30,459	43,704	21,897	21,807	17,675	9,023	8,652
10 -14	43,992	22,290	21,702	31,021	15,575	15,446	12,971	6,715	6,256
15-19	41,403	21,266	20,137	29,284	15,010	14,274	12,119	6,256	5,863
20-24	36,606	18,583	18,023	25,974	13,166	12,808	10,632	5,417	5,215
25-29	29,159	14,517	14,642	19,729	9,926	9,803	9,430	4,591	4,839
30-34	20,223	9,309	10,914	12,730	5,678	7,052	7,493	3,631	3,862
35-39	15,379	6,939	8,440	9,685	4,234	5,451	5,694	2,705	2,989
40-44	13,228	6,043	7,185	8,390	3,658	4,732	4,838	2,385	2,453
45-49	11,425	4,929	6,496	7,587	3,110	4,477	3,838	1,819	2,019
50-54	9,165	4,146	5,019	6,118	2,681	3,437	3,047	1,465	1,582
55-59	7,648	3,264	4,384	5,302	2,231	3,071	2,346	1,033	1,313
60-64	6,573	2,829	3,744	4,611	1,936	2,675	1,962	893	1,069
65-69	5,341	2,412	2,929	3,824	1,733	2,091	1,517	679	838
70-74	3,359	1,727	1,632	2,349	1,230	1,119	1,010	497	513
75-79	2,037	920	1,117	1,519	672	847	518	248	270
80+	1,792	800	992	1,357	616	741	435	184	251

Table 3B.12: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2033

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	391,853	192,858	198,995	272,839	133,293	139,546	119,014	59,565	59,449
0 - 4	72,609	36,671	35,938	52,902	26,676	26,226	19,707	9,995	9,712
5 - 9	63,019	31,747	31,272	44,902	22,503	22,399	18,117	9,244	8,873
10 -14	46,492	23,453	23,039	32,669	16,290	16,379	13,823	7,163	6,660
15-19	41,828	21,438	20,390	29,484	15,061	14,423	12,344	6,377	5,967
20-24	37,642	19,247	18,395	26,467	13,513	12,954	11,175	5,734	5,441
25-29	30,654	15,273	15,381	21,053	10,589	10,464	9,601	4,684	4,917
30-34	21,529	10,059	11,470	13,626	6,171	7,455	7,903	3,888	4,015
35-39	16,032	7,299	8,733	9,968	4,389	5,579	6,064	2,910	3,154
40-44	13,632	6,152	7,480	8,568	3,685	4,883	5,064	2,467	2,597
45-49	11,513	5,064	6,449	7,607	3,188	4,419	3,906	1,876	2,030
50-54	9,611	4,267	5,344	6,405	2,737	3,668	3,206	1,530	1,676
55-59	7,764	3,366	4,398	5,297	2,245	3,052	2,467	1,121	1,346
60-64	6,856	2,913	3,943	4,793	1,989	2,804	2,063	924	1,139
65-69	5,270	2,342	2,928	3,751	1,665	2,086	1,519	677	842
70-74	3,622	1,847	1,775	2,527	1,315	1,212	1,095	532	563
75-79	2,066	930	1,136	1,535	678	857	531	252	279
80+	1,714	790	924	1,285	599	686	429	191	238

Table 3B.13: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2034

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	403,844	198,883	204,961	280,802	137,158	143,644	123,042	61,725	61,317
0 - 4	73,765	37,264	36,501	53,874	27,173	26,701	19,891	10,091	9,800
5 - 9	64,610	32,550	32,060	46,073	23,094	22,979	18,537	9,456	9,081
10 -14	49,267	24,848	24,419	34,589	17,220	17,369	14,678	7,628	7,050
15-19	42,071	21,412	20,659	29,500	14,915	14,585	12,571	6,497	6,074
20-24	38,331	19,704	18,627	26,792	13,765	13,027	11,539	5,939	5,600
25-29	32,535	16,215	16,320	22,431	11,223	11,208	10,104	4,992	5,112
30-34	22,664	10,908	11,756	14,458	6,819	7,639	8,206	4,089	4,117
35-39	17,027	7,610	9,417	10,499	4,525	5,974	6,528	3,085	3,443
40-44	13,817	6,317	7,500	8,782	3,827	4,955	5,035	2,490	2,545
45-49	12,094	5,327	6,767	7,809	3,260	4,549	4,285	2,067	2,218
50-54	9,750	4,307	5,443	6,510	2,750	3,760	3,240	1,557	1,683
55-59	8,220	3,556	4,664	5,558	2,351	3,207	2,662	1,205	1,457
60-64	6,551	2,804	3,747	4,579	1,923	2,656	1,972	881	1,091
65-69	5,444	2,336	3,108	3,824	1,620	2,204	1,620	716	904
70-74	3,772	1,887	1,885	2,636	1,342	1,294	1,136	545	591
75-79	2,325	1,096	1,229	1,696	790	906	629	306	323
80+	1,601	742	859	1,192	561	631	409	181	228

Table 3B.14: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2035

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	415,977	204,980	210,997	288,895	141,101	147,794	127,082	63,879	63,203
0 - 4	74,818	37,800	37,018	54,744	27,616	27,128	20,074	10,184	9,890
5 - 9	66,157	33,336	32,821	47,296	23,715	23,581	18,861	9,621	9,240
10 -14	52,458	26,471	25,987	36,720	18,256	18,464	15,738	8,215	7,523
15-19	42,660	21,615	21,045	29,771	14,985	14,786	12,889	6,630	6,259
20-24	39,111	20,124	18,987	27,171	13,939	13,232	11,940	6,185	5,755
25-29	33,390	16,748	16,642	23,160	11,626	11,534	10,230	5,122	5,108
30-34	24,697	12,074	12,623	15,859	7,667	8,192	8,838	4,407	4,431
35-39	17,280	7,721	9,559	10,644	4,579	6,065	6,636	3,142	3,494
40-44	14,348	6,498	7,850	9,031	3,863	5,168	5,317	2,635	2,682
45-49	11,892	5,309	6,583	7,563	3,217	4,346	4,329	2,092	2,237
50-54	10,370	4,553	5,817	6,868	2,876	3,992	3,502	1,677	1,825
55-59	7,793	3,465	4,328	5,120	2,227	2,893	2,673	1,238	1,435
60-64	7,072	3,004	4,068	4,989	2,070	2,919	2,083	934	1,149
65-69	5,272	2,266	3,006	3,675	1,555	2,120	1,597	711	886
70-74	4,193	1,935	2,258	3,006	1,393	1,613	1,187	542	645
75-79	2,423	1,222	1,201	1,729	878	851	694	344	350
80+	2,043	839	1,204	1,549	639	910	494	200	294

Table 3B.15: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2036

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	428,209	211,129	217,080	297,048	145,076	151,972	131,161	66,053	65,108
0 - 4	75,734	38,270	37,464	55,485	27,996	27,489	20,249	10,274	9,975
5 - 9	67,642	34,089	33,553	48,463	24,310	24,153	19,179	9,779	9,400
10 -14	55,958	28,176	27,782	39,094	19,448	19,646	16,864	8,728	8,136
15-19	43,002	21,823	21,179	29,981	15,028	14,953	13,021	6,795	6,226
20-24	39,252	20,145	19,107	27,192	13,932	13,260	12,060	6,213	5,847
25-29	34,631	17,490	17,141	23,992	12,041	11,951	10,639	5,449	5,190
30-34	26,322	12,948	13,374	17,180	8,431	8,749	9,142	4,517	4,625
35-39	18,612	8,407	10,205	11,371	4,907	6,464	7,241	3,500	3,741
40-44	14,339	6,494	7,845	8,921	3,860	5,061	5,418	2,634	2,784
45-49	12,491	5,660	6,831	7,798	3,327	4,471	4,693	2,333	2,360
50-54	10,543	4,548	5,995	6,950	2,853	4,097	3,593	1,695	1,898
55-59	8,331	3,736	4,595	5,502	2,371	3,131	2,829	1,365	1,464
60-64	7,043	2,978	4,065	4,933	2,055	2,878	2,110	923	1,187
65-69	5,609	2,358	3,251	3,898	1,616	2,282	1,711	742	969
70-74	4,282	1,953	2,329	3,095	1,412	1,683	1,187	541	646
75-79	2,461	1,238	1,223	1,715	873	842	746	365	381
80+	1,957	816	1,141	1,478	616	862	479	200	279

Table 3B.16: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2037

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	440,536	217,326	223,210	305,301	149,098	156,203	135,235	68,228	67,007
0 - 4	76,478	38,647	37,831	56,135	28,326	27,809	20,343	10,321	10,022
5 - 9	69,068	34,814	34,254	49,610	24,893	24,717	19,458	9,921	9,537
10 -14	59,765	30,080	29,685	41,801	20,829	20,972	17,964	9,251	8,713
15-19	42,810	21,667	21,143	29,549	14,739	14,810	13,261	6,928	6,333
20-24	40,160	20,577	19,583	27,764	14,124	13,640	12,396	6,453	5,943
25-29	35,443	17,948	17,495	24,520	12,335	12,185	10,923	5,613	5,310
30-34	28,213	14,011	14,202	18,576	9,235	9,341	9,637	4,776	4,861
35-39	19,552	8,974	10,578	11,960	5,235	6,725	7,592	3,739	3,853
40-44	14,825	6,671	8,154	9,098	3,906	5,192	5,727	2,765	2,962
45-49	12,698	5,783	6,915	7,883	3,380	4,503	4,815	2,403	2,412
50-54	10,882	4,669	6,213	7,162	2,900	4,262	3,720	1,769	1,951
55-59	8,627	3,872	4,755	5,726	2,479	3,247	2,901	1,393	1,508
60-64	7,074	2,985	4,089	4,886	2,031	2,855	2,188	954	1,234
65-69	5,872	2,486	3,386	4,117	1,696	2,421	1,755	790	965
70-74	4,489	1,984	2,505	3,210	1,423	1,787	1,279	561	718
75-79	2,552	1,279	1,273	1,781	909	872	771	370	401
80+	2,028	879	1,149	1,523	658	865	505	221	284

Table 3B.17: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2038

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	452,924	223,556	229,368	313,594	153,147	160,447	139,330	70,409	68,921
0 - 4	77,135	38,984	38,151	56,639	28,586	28,053	20,496	10,398	10,098
5 - 9	70,390	35,492	34,898	50,703	25,453	25,250	19,687	10,039	9,648
10 -14	61,418	30,913	30,505	43,009	21,437	21,572	18,409	9,476	8,933
15-19	45,285	22,821	22,464	31,158	15,440	15,718	14,127	7,381	6,746
20-24	40,609	20,764	19,845	27,998	14,197	13,801	12,611	6,567	6,044
25-29	36,482	18,605	17,877	25,011	12,674	12,337	11,471	5,931	5,540
30-34	29,689	14,756	14,933	19,905	9,904	10,001	9,784	4,852	4,932
35-39	20,832	9,706	11,126	12,839	5,715	7,124	7,993	3,991	4,002
40-44	15,473	7,025	8,448	9,382	4,059	5,323	6,091	2,966	3,125
45-49	13,100	5,893	7,207	8,063	3,409	4,654	5,037	2,484	2,553
50-54	10,974	4,801	6,173	7,186	2,977	4,209	3,788	1,824	1,964
55-59	9,060	3,992	5,068	6,004	2,534	3,470	3,056	1,458	1,598
60-64	7,191	3,082	4,109	4,883	2,041	2,842	2,308	1,041	1,267
65-69	6,126	2,558	3,568	4,279	1,741	2,538	1,847	817	1,030
70-74	4,428	1,925	2,503	3,143	1,364	1,779	1,285	561	724
75-79	2,747	1,364	1,383	1,914	969	945	833	395	438
80+	1,985	875	1,110	1,478	647	831	507	228	279

Table 3B.18: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2039

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	465,436	229,843	235,593	322,018	157,256	164,762	143,418	72,587	70,831
0 - 4	77,786	39,314	38,472	57,157	28,849	28,308	20,629	10,465	10,164
5 - 9	71,585	36,105	35,480	51,704	25,968	25,736	19,881	10,137	9,744
10 -14	63,015	31,720	31,295	44,193	22,037	22,156	18,822	9,683	9,139
15-19	48,031	24,199	23,832	33,040	16,348	16,692	14,991	7,851	7,140
20-24	40,878	20,756	20,122	28,032	14,064	13,968	12,846	6,692	6,154
25-29	37,178	19,063	18,115	25,353	12,932	12,421	11,825	6,131	5,694
30-34	31,537	15,681	15,856	21,247	10,520	10,727	10,290	5,161	5,129
35-39	21,949	10,536	11,413	13,671	6,361	7,310	8,278	4,175	4,103
40-44	16,445	7,330	9,115	9,895	4,189	5,706	6,550	3,141	3,409
45-49	13,290	6,057	7,233	8,287	3,554	4,733	5,003	2,503	2,500
50-54	11,542	5,058	6,484	7,376	3,042	4,334	4,166	2,016	2,150
55-59	9,199	4,033	5,166	6,108	2,549	3,559	3,091	1,484	1,607
60-64	7,612	3,254	4,358	5,124	2,138	2,986	2,488	1,116	1,372
65-69	5,855	2,465	3,390	4,088	1,687	2,401	1,767	778	989
70-74	4,587	1,924	2,663	3,214	1,329	1,885	1,373	595	778
75-79	2,870	1,398	1,472	2,002	993	1,009	868	405	463
80+	2,077	950	1,127	1,527	696	831	550	254	296

Table 3B.19: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2040

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	478,060	236,189	241,871	330,497	161,395	169,102	147,563	74,794	72,769
0 - 4	78,444	39,653	38,791	57,625	29,091	28,534	20,819	10,562	10,257
5 - 9	72,675	36,664	36,011	52,603	26,429	26,174	20,072	10,235	9,837
10 -14	64,564	32,506	32,058	45,417	22,658	22,759	19,147	9,848	9,299
15-19	51,171	25,793	25,378	35,128	17,359	17,769	16,043	8,434	7,609
20-24	41,478	20,967	20,511	28,307	14,138	14,169	13,171	6,829	6,342
25-29	37,966	19,486	18,480	25,732	13,105	12,627	12,234	6,381	5,853
30-34	32,390	16,209	16,181	21,986	10,926	11,060	10,404	5,283	5,121
35-39	23,932	11,670	12,262	15,033	7,186	7,847	8,899	4,484	4,415
40-44	16,703	7,441	9,262	10,053	4,248	5,805	6,650	3,193	3,457
45-49	13,813	6,236	7,577	8,531	3,588	4,943	5,282	2,648	2,634
50-54	11,358	5,044	6,314	7,158	3,008	4,150	4,200	2,036	2,164
55-59	9,797	4,266	5,531	6,455	2,668	3,787	3,342	1,598	1,744
60-64	7,237	3,182	4,055	4,733	2,031	2,702	2,504	1,151	1,353
65-69	6,353	2,649	3,704	4,479	1,821	2,658	1,874	828	1,046
70-74	4,483	1,880	2,603	3,127	1,290	1,837	1,356	590	766
75-79	3,254	1,452	1,802	2,337	1,046	1,291	917	406	511
80+	2,442	1,091	1,351	1,793	803	990	649	288	361

Table 3B.20: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2041

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	490,706	242,560	248,146	338,991	165,553	173,438	151,715	77,007	74,708
0 - 4	79,142	40,013	39,129	58,126	29,350	28,776	21,016	10,663	10,353
5 - 9	73,609	37,142	36,467	53,368	26,821	26,547	20,241	10,321	9,920
10 -14	66,038	33,255	32,783	46,582	23,253	23,329	19,456	10,002	9,454
15-19	54,598	27,463	27,135	37,454	18,527	18,927	17,144	8,936	8,208
20-24	41,827	21,178	20,649	28,514	14,179	14,335	13,313	6,999	6,314
25-29	38,115	19,514	18,601	25,775	13,114	12,661	12,340	6,400	5,940
30-34	33,611	16,936	16,675	22,788	11,323	11,465	10,823	5,613	5,210
35-39	25,520	12,521	12,999	16,347	7,942	8,405	9,173	4,579	4,594
40-44	18,000	8,111	9,889	10,746	4,561	6,185	7,254	3,550	3,704
45-49	13,810	6,235	7,575	8,431	3,589	4,842	5,379	2,646	2,733
50-54	11,940	5,384	6,556	7,377	3,109	4,268	4,563	2,275	2,288
55-59	9,969	4,265	5,704	6,540	2,649	3,891	3,429	1,616	1,813
60-64	7,742	3,433	4,309	5,091	2,164	2,927	2,651	1,269	1,382
65-69	6,330	2,628	3,702	4,428	1,809	2,619	1,902	819	1,083
70-74	4,767	1,955	2,812	3,312	1,338	1,974	1,455	617	838
75-79	3,306	1,457	1,849	2,389	1,051	1,338	917	406	511
80+	2,382	1,070	1,312	1,723	774	949	659	296	363

Table 3B.21: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2042

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	503,396	248,944	254,452	347,554	169,754	177,800	155,842	79,190	76,652
0 - 4	79,861	40,385	39,476	58,650	29,622	29,028	21,211	10,763	10,448
5 - 9	74,371	37,534	36,837	54,039	27,167	26,872	20,332	10,367	9,965
10 -14	67,444	33,972	33,472	47,716	23,831	23,885	19,728	10,141	9,587
15-19	58,320	29,324	28,996	40,082	19,865	20,217	18,238	9,459	8,779
20-24	41,648	21,031	20,617	28,092	13,899	14,193	13,556	7,132	6,424
25-29	39,006	19,939	19,067	26,339	13,303	13,036	12,667	6,636	6,031
30-34	34,405	17,381	17,024	23,314	11,617	11,697	11,091	5,764	5,327
35-39	27,362	13,555	13,807	17,697	8,720	8,977	9,665	4,835	4,830
40-44	18,915	8,660	10,255	11,328	4,883	6,445	7,587	3,777	3,810
45-49	14,286	6,408	7,878	8,607	3,636	4,971	5,679	2,772	2,907
50-54	12,139	5,499	6,640	7,465	3,164	4,301	4,674	2,335	2,339
55-59	10,296	4,382	5,914	6,744	2,697	4,047	3,552	1,685	1,867
60-64	8,023	3,559	4,464	5,306	2,266	3,040	2,717	1,293	1,424
65-69	6,369	2,639	3,730	4,395	1,791	2,604	1,974	848	1,126
70-74	5,007	2,069	2,938	3,512	1,412	2,100	1,495	657	838
75-79	3,470	1,482	1,988	2,478	1,061	1,417	992	421	571
80+	2,474	1,125	1,349	1,790	820	970	684	305	379

Table 3B.22: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2043

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	516,098	255,337	260,761	356,104	173,940	182,164	159,994	81,397	78,597
0 - 4	80,559	40,745	39,814	59,146	29,878	29,268	21,413	10,867	10,546
5 - 9	75,040	37,880	37,160	54,561	27,440	27,121	20,479	10,440	10,039
10 -14	68,741	34,636	34,105	48,796	24,386	24,410	19,945	10,250	9,695
15-19	59,937	30,139	29,798	41,267	20,464	20,803	18,670	9,675	8,995
20-24	44,066	22,157	21,909	29,642	14,567	15,075	14,424	7,590	6,834
25-29	39,451	20,123	19,328	26,572	13,377	13,195	12,879	6,746	6,133
30-34	35,419	18,022	17,397	23,786	11,939	11,847	11,633	6,083	5,550
35-39	28,797	14,276	14,521	19,006	9,380	9,626	9,791	4,896	4,895
40-44	20,159	9,369	10,790	12,182	5,349	6,833	7,977	4,020	3,957
45-49	14,911	6,748	8,163	8,875	3,780	5,095	6,036	2,968	3,068
50-54	12,530	5,607	6,923	7,639	3,189	4,450	4,891	2,418	2,473
55-59	10,387	4,508	5,879	6,771	2,771	4,000	3,616	1,737	1,879
60-64	8,435	3,673	4,762	5,569	2,317	3,252	2,866	1,356	1,510
65-69	6,473	2,725	3,748	4,388	1,799	2,589	2,085	926	1,159
70-74	5,216	2,126	3,090	3,641	1,445	2,196	1,575	681	894
75-79	3,416	1,436	1,980	2,422	1,014	1,408	994	422	572
80+	2,561	1,167	1,394	1,841	845	996	720	322	398

Table 3B.23: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2044

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	528,820	261,735	267,085	364,710	178,147	186,563	164,110	83,588	80,522
0 - 4	81,180	41,059	40,121	59,583	30,100	29,483	21,597	10,959	10,638
5 - 9	75,695	38,213	37,482	55,091	27,710	27,381	20,604	10,503	10,101
10 -14	69,914	35,238	34,676	49,788	24,896	24,892	20,126	10,342	9,784
15-19	61,500	30,928	30,572	42,428	21,051	21,377	19,072	9,877	9,195
20-24	46,744	23,498	23,246	31,459	15,438	16,021	15,285	8,060	7,225
25-29	39,721	20,119	19,602	26,612	13,253	13,359	13,109	6,866	6,243
30-34	36,100	18,467	17,633	24,127	12,193	11,934	11,973	6,274	5,699
35-39	30,597	15,176	15,421	20,307	9,975	10,332	10,290	5,201	5,089
40-44	21,243	10,171	11,072	13,003	5,981	7,022	8,240	4,190	4,050
45-49	15,856	7,046	8,810	9,368	3,903	5,465	6,488	3,143	3,345
50-54	12,713	5,765	6,948	7,859	3,334	4,525	4,854	2,431	2,423
55-59	10,927	4,750	6,177	6,949	2,827	4,122	3,978	1,923	2,055
60-64	8,564	3,710	4,854	5,667	2,331	3,336	2,897	1,379	1,518
65-69	6,849	2,877	3,972	4,601	1,883	2,718	2,248	994	1,254
70-74	4,983	2,050	2,933	3,476	1,399	2,077	1,507	651	856
75-79	3,547	1,440	2,107	2,479	990	1,489	1,068	450	618
80+	2,687	1,228	1,459	1,913	883	1,030	774	345	429

Table 3B.24: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2045

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	541,598	268,166	273,432	373,327	182,379	190,948	168,271	85,787	82,484
0 - 4	81,761	41,353	40,408	59,980	30,302	29,678	21,781	11,051	10,730
5 - 9	76,355	38,553	37,802	55,572	27,960	27,612	20,783	10,593	10,190
10 -14	70,984	35,786	35,198	50,681	25,355	25,326	20,303	10,431	9,872
15-19	63,017	31,694	31,323	43,636	21,663	21,973	19,381	10,031	9,350
20-24	49,807	25,050	24,757	33,480	16,415	17,065	16,327	8,635	7,692
25-29	40,306	20,325	19,981	26,870	13,317	13,553	13,436	7,008	6,428
30-34	36,869	18,883	17,986	24,489	12,359	12,130	12,380	6,524	5,856
35-39	31,427	15,688	15,739	21,036	10,377	10,659	10,391	5,311	5,080
40-44	23,167	11,269	11,898	14,327	6,781	7,546	8,840	4,488	4,352
45-49	16,111	7,155	8,956	9,537	3,970	5,567	6,574	3,185	3,389
50-54	13,218	5,936	7,282	8,094	3,365	4,729	5,124	2,571	2,553
55-59	10,756	4,741	6,015	6,743	2,799	3,944	4,013	1,942	2,071
60-64	9,131	3,930	5,201	5,995	2,443	3,552	3,136	1,487	1,649
65-69	6,532	2,824	3,708	4,270	1,799	2,471	2,262	1,025	1,237
70-74	5,442	2,213	3,229	3,843	1,522	2,321	1,599	691	908
75-79	3,512	1,419	2,093	2,450	971	1,479	1,062	448	614
80+	3,203	1,347	1,856	2,324	981	1,343	879	366	513

Table 3B.25: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2046

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	554,377	274,604	279,773	381,994	186,636	195,358	172,383	87,968	84,415
0 - 4	82,301	41,622	40,679	60,416	30,519	29,897	21,885	11,103	10,782
5 - 9	77,060	38,918	38,142	56,088	28,230	27,858	20,972	10,688	10,284
10 -14	71,904	36,257	35,647	51,441	25,746	25,695	20,463	10,511	9,952
15-19	64,461	32,428	32,033	44,779	22,245	22,534	19,682	10,183	9,499
20-24	53,148	26,674	26,474	35,741	17,548	18,193	17,407	9,126	8,281
25-29	40,655	20,536	20,119	27,065	13,354	13,711	13,590	7,182	6,408
30-34	37,023	18,912	18,111	24,552	12,378	12,174	12,471	6,534	5,937
35-39	32,615	16,394	16,221	21,806	10,756	11,050	10,809	5,638	5,171
40-44	24,712	12,095	12,617	15,613	7,524	8,089	9,099	4,571	4,528
45-49	17,366	7,800	9,566	10,199	4,263	5,936	7,167	3,537	3,630
50-54	13,224	5,940	7,284	8,003	3,368	4,635	5,221	2,572	2,649
55-59	11,314	5,062	6,252	6,952	2,891	4,061	4,362	2,171	2,191
60-64	9,297	3,931	5,366	6,082	2,429	3,653	3,215	1,502	1,713
65-69	6,992	3,046	3,946	4,595	1,915	2,680	2,397	1,131	1,266
70-74	5,419	2,191	3,228	3,793	1,508	2,285	1,626	683	943
75-79	3,738	1,477	2,261	2,598	1,010	1,588	1,140	467	673
80+	3,148	1,321	1,827	2,271	952	1,319	877	369	508

Table 3B.26: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2047

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	567,133	281,036	286,097	390,650	190,894	199,756	176,483	90,142	86,341
0 - 4	82,781	41,866	40,915	60,748	30,688	30,060	22,033	11,178	10,855
5 - 9	77,779	39,291	38,488	56,618	28,505	28,113	21,161	10,786	10,375
10 -14	72,658	36,646	36,012	52,119	26,098	26,021	20,539	10,548	9,991
15-19	65,837	33,129	32,708	45,899	22,817	23,082	19,938	10,312	9,626
20-24	56,774	28,483	28,291	38,294	18,844	19,450	18,480	9,639	8,841
25-29	40,488	20,397	20,091	26,655	13,078	13,577	13,833	7,319	6,514
30-34	37,896	19,328	18,568	25,103	12,564	12,539	12,793	6,764	6,029
35-39	33,394	16,830	16,564	22,330	11,047	11,283	11,064	5,783	5,281
40-44	26,495	13,094	13,401	16,916	8,273	8,643	9,579	4,821	4,758
45-49	18,254	8,332	9,922	10,767	4,577	6,190	7,487	3,755	3,732
50-54	13,685	6,106	7,579	8,174	3,413	4,761	5,511	2,693	2,818
55-59	11,510	5,175	6,335	7,042	2,947	4,095	4,468	2,228	2,240
60-64	9,614	4,044	5,570	6,282	2,477	3,805	3,332	1,567	1,765
65-69	7,258	3,165	4,093	4,800	2,012	2,788	2,458	1,153	1,305
70-74	5,472	2,212	3,260	3,774	1,499	2,275	1,698	713	985
75-79	3,940	1,572	2,368	2,765	1,072	1,693	1,175	500	675
80+	3,298	1,366	1,932	2,364	983	1,381	934	383	551

Table 3B.27: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2048

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	579,899	287,470	292,429	399,335	195,167	204,168	180,564	92,303	88,261
0 - 4	83,238	42,095	41,143	61,127	30,879	30,248	22,111	11,216	10,895
5 - 9	78,482	39,650	38,832	57,124	28,766	28,358	21,358	10,884	10,474
10 -14	73,317	36,986	36,331	52,641	26,369	26,272	20,676	10,617	10,059
15-19	67,113	33,782	33,331	46,967	23,366	23,601	20,146	10,416	9,730
20-24	58,360	29,281	29,079	39,459	19,432	20,027	18,901	9,849	9,052
25-29	42,848	21,494	21,354	28,143	13,713	14,430	14,705	7,781	6,924
30-34	38,335	19,511	18,824	25,339	12,643	12,696	12,996	6,868	6,128
35-39	34,385	17,455	16,930	22,785	11,356	11,429	11,600	6,099	5,501
40-44	27,896	13,797	14,099	18,202	8,924	9,278	9,694	4,873	4,821
45-49	19,461	9,019	10,442	11,596	5,030	6,566	7,865	3,989	3,876
50-54	14,291	6,437	7,854	8,436	3,555	4,881	5,855	2,882	2,973
55-59	11,886	5,278	6,608	7,211	2,972	4,239	4,675	2,306	2,369
60-64	9,702	4,162	5,540	6,305	2,545	3,760	3,397	1,617	1,780
65-69	7,637	3,267	4,370	5,037	2,054	2,983	2,600	1,213	1,387
70-74	5,565	2,288	3,277	3,768	1,505	2,263	1,797	783	1,014
75-79	4,098	1,613	2,485	2,862	1,095	1,767	1,236	518	718
80+	3,285	1,355	1,930	2,333	963	1,370	952	392	560

Table 3B.28: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2049

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	592,618	293,884	298,734	407,992	199,425	208,567	184,626	94,459	90,167
0 - 4	83,643	42,305	41,338	61,411	31,026	30,385	22,232	11,279	10,953
5 - 9	79,101	39,965	39,136	57,564	28,990	28,574	21,537	10,975	10,562
10 -14	73,967	37,318	36,649	53,183	26,650	26,533	20,784	10,668	10,116
15-19	68,266	34,374	33,892	47,946	23,869	24,077	20,320	10,505	9,815
20-24	59,891	30,055	29,836	40,598	20,009	20,589	19,293	10,046	9,247
25-29	45,459	22,800	22,659	29,895	14,551	15,344	15,564	8,249	7,315
30-34	38,604	19,512	19,092	25,382	12,525	12,857	13,222	6,987	6,235
35-39	35,055	17,892	17,163	23,127	11,610	11,517	11,928	6,282	5,646
40-44	29,645	14,669	14,976	19,463	9,497	9,966	10,182	5,172	5,010
45-49	20,511	9,795	10,716	12,398	5,647	6,751	8,113	4,148	3,965
50-54	15,203	6,720	8,483	8,911	3,670	5,241	6,292	3,050	3,242
55-59	12,064	5,429	6,635	7,423	3,111	4,312	4,641	2,318	2,323
60-64	10,211	4,388	5,823	6,471	2,596	3,875	3,740	1,792	1,948
65-69	7,755	3,299	4,456	5,128	2,066	3,062	2,627	1,233	1,394
70-74	5,882	2,414	3,468	3,944	1,575	2,369	1,938	839	1,099
75-79	3,910	1,553	2,357	2,722	1,056	1,666	1,188	497	691
80+	3,451	1,396	2,055	2,426	977	1,449	1,025	419	606

Table 3B.29: Projected Population by Five Year Age Groups and Sex; Kusini Pemba Region, 2050

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	605,387	300,332	305,055	416,736	203,750	212,986	188,651	96,582	92,069
0 - 4	84,008	42,496	41,512	61,743	31,201	30,542	22,265	11,295	10,970
5 - 9	79,682	40,262	39,420	57,970	29,198	28,772	21,712	11,064	10,648
10 -14	74,623	37,655	36,968	53,671	26,904	26,767	20,952	10,751	10,201
15-19	69,322	34,915	34,407	48,837	24,329	24,508	20,485	10,586	9,899
20-24	61,382	30,809	30,573	41,793	20,616	21,177	19,589	10,193	9,396
25-29	48,449	24,313	24,136	31,856	15,497	16,359	16,593	8,816	7,777
30-34	39,185	19,719	19,466	25,633	12,588	13,045	13,552	7,131	6,421
35-39	35,809	18,299	17,510	23,485	11,774	11,711	12,324	6,525	5,799
40-44	30,458	15,169	15,289	20,179	9,891	10,288	10,279	5,278	5,001
45-49	22,373	10,853	11,520	13,677	6,418	7,259	8,696	4,435	4,261
50-54	15,453	6,829	8,624	9,076	3,738	5,338	6,377	3,091	3,286
55-59	12,553	5,596	6,957	7,652	3,143	4,509	4,901	2,453	2,448
60-64	10,064	4,386	5,678	6,287	2,574	3,713	3,777	1,812	1,965
65-69	8,289	3,502	4,787	5,439	2,171	3,268	2,850	1,331	1,519
70-74	5,636	2,376	3,260	3,684	1,510	2,174	1,952	866	1,086
75-79	4,318	1,691	2,627	3,051	1,163	1,888	1,267	528	739
80+	3,783	1,462	2,321	2,703	1,035	1,668	1,080	427	653

3.6 Council Population Projection Results

This section presents population projections for all Kusini Pemba Councils from 2023 to 2050. The projection disaggregated by Sex and five years' age groups, starting with age 0-4 up to 80 and above. The projection results are presented in Table 3C.1 to Table 3C.13.

Table 3C.1: Projected Population by Council and Sex; Chakechake and Mkoani Town Council, 2023-2050

Year	Chakechake Town			Mkoani Town		
	Both Sexes	Male	Female	Both Sexes	Male	Female
2023	143,229	69,210	74,019	140,672	69,250	71,422
2024	148,279	71,734	76,545	145,251	71,593	73,658
2025	152,923	74,125	78,798	150,501	74,202	76,299
2026	158,439	76,822	81,617	155,150	76,644	78,506
2027	163,462	79,329	84,133	160,576	79,404	81,172
2028	169,027	82,088	86,939	165,741	82,054	83,687
2029	174,605	84,924	89,681	171,136	84,739	86,397
2030	180,101	87,659	92,442	176,844	87,645	89,199
2031	186,032	90,612	95,420	182,337	90,435	91,902
2032	191,948	93,563	98,385	188,087	93,346	94,741
2033	197,932	96,563	101,369	193,921	96,295	97,626
2034	204,078	99,626	104,452	199,766	99,257	100,509
2035	210,003	102,611	107,392	205,974	102,369	103,605
2036	216,418	105,796	110,622	211,791	105,333	106,458
2037	222,412	108,771	113,641	218,124	108,555	109,569
2038	228,802	111,957	116,845	224,122	111,599	112,523
2039	235,072	115,123	119,949	230,364	114,720	115,644
2040	241,382	118,234	123,148	236,678	117,955	118,723
2041	247,798	121,467	126,331	242,908	121,093	121,815
2042	254,240	124,652	129,588	249,156	124,292	124,864
2043	260,605	127,812	132,793	255,493	127,525	127,968
2044	267,130	131,085	136,045	261,690	130,650	131,040
2045	273,490	134,302	139,188	268,108	133,864	134,244
2046	280,058	137,556	142,502	274,319	137,048	137,271
2047	286,459	140,758	145,701	280,674	140,278	140,396
2048	293,028	144,008	149,020	286,871	143,462	143,409
2049	299,463	147,246	152,217	293,155	146,638	146,517
2050	305,959	150,482	155,477	299,428	149,850	149,578

Table 3C.2: Projected Population by Five Year Age Groups and Sex; Chakechake Town Council, 2023-2027

Age Groups	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
Total	143,229	69,210	74,019	148,279	71,734	76,545	152,923	74,125	78,798	158,439	76,822	81,617	163,462	79,329	84,133
0 - 4	25,572	13,016	12,556	27,108	13,799	13,309	28,780	14,653	14,127	30,612	15,560	15,052	32,585	16,554	16,031
5 - 9	22,415	11,504	10,911	22,511	11,474	11,037	22,795	11,565	11,230	22,951	11,661	11,290	22,810	11,559	11,251
10-14	19,528	9,875	9,653	19,861	10,097	9,764	20,238	10,301	9,937	20,267	10,286	9,981	20,709	10,490	10,219
15-19	16,315	7,935	8,380	17,287	8,408	8,879	17,730	8,680	9,050	18,344	9,040	9,304	18,745	9,269	9,476
20-24	11,804	5,415	6,389	12,385	5,853	6,532	13,482	6,478	7,004	14,335	6,929	7,406	15,344	7,489	7,855
25-29	8,991	4,006	4,985	9,538	4,170	5,368	9,670	4,228	5,442	10,374	4,583	5,791	10,884	4,885	5,999
30-34	7,882	3,567	4,315	7,972	3,649	4,323	8,261	3,757	4,504	8,251	3,743	4,508	8,490	3,828	4,662
35-39	6,438	2,844	3,594	6,747	2,994	3,753	6,618	2,973	3,645	6,925	3,167	3,758	7,029	3,225	3,804
40-44	5,657	2,557	3,100	5,757	2,585	3,172	6,055	2,709	3,346	6,193	2,722	3,471	6,337	2,766	3,571
45-49	4,443	1,926	2,517	4,725	2,033	2,692	4,442	1,974	2,468	4,749	2,121	2,628	4,899	2,193	2,706
50-54	4,016	1,747	2,269	3,842	1,682	2,160	4,056	1,777	2,279	4,116	1,779	2,337	4,058	1,758	2,300
55-59	3,360	1,477	1,883	3,490	1,467	2,023	3,300	1,403	1,897	3,519	1,468	2,051	3,672	1,527	2,145
60-64	2,546	1,381	1,165	2,652	1,405	1,247	2,853	1,411	1,442	2,984	1,468	1,516	3,063	1,430	1,633
65-69	1,656	779	877	1,888	940	948	1,868	993	875	1,986	1,064	922	2,013	1,062	951
70-74	1,136	579	557	1,049	562	487	1,190	552	638	1,278	542	736	1,259	582	677
75-79	845	351	494	868	372	496	777	373	404	776	401	375	791	408	383
80+	625	251	374	599	244	355	808	298	510	779	288	491	774	304	470

Table 3C.3: Projected Population by Five Year Age Groups and Sex; Chakechake Town Council, 2028-2032

Age Groups	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
Total	169,027	82,088	86,939	174,605	84,924	89,681	180,101	87,659	92,442	186,032	90,612	95,420	191,948	93,563	98,385
0 - 4	33,424	16,980	16,444	34,231	17,390	16,841	35,010	17,788	17,222	35,741	18,160	17,581	36,450	18,521	17,929
5 -9	24,075	12,149	11,926	25,476	12,858	12,618	27,116	13,697	13,419	28,890	14,555	14,335	30,854	15,532	15,322
10 -14	20,918	10,577	10,341	21,021	10,554	10,467	21,298	10,642	10,656	21,441	10,732	10,709	21,334	10,649	10,685
15-19	19,267	9,586	9,681	19,584	9,807	9,777	19,988	10,016	9,972	20,033	10,012	10,021	20,476	10,219	10,257
20-24	16,121	7,880	8,241	17,091	8,350	8,741	17,550	8,629	8,921	18,156	8,992	9,164	18,581	9,221	9,360
25-29	11,580	5,277	6,303	12,146	5,701	6,445	13,242	6,325	6,917	14,085	6,768	7,317	15,084	7,320	7,764
30-34	8,858	4,026	4,832	9,383	4,191	5,192	9,547	4,262	5,285	10,219	4,603	5,616	10,764	4,933	5,831
35-39	7,243	3,283	3,960	7,345	3,369	3,976	7,601	3,459	4,142	7,596	3,454	4,142	7,832	3,544	4,288
40-44	6,402	2,840	3,562	6,737	3,003	3,734	6,605	2,975	3,630	6,914	3,171	3,743	7,025	3,237	3,788
45-49	5,139	2,263	2,876	5,222	2,285	2,937	5,513	2,400	3,113	5,628	2,398	3,230	5,794	2,462	3,332
50-54	4,147	1,818	2,329	4,389	1,924	2,465	4,132	1,864	2,268	4,422	2,009	2,413	4,563	2,075	2,488
55-59	3,836	1,582	2,254	3,679	1,523	2,156	3,934	1,613	2,321	3,908	1,618	2,290	3,937	1,602	2,335
60-64	3,034	1,423	1,611	3,123	1,400	1,723	2,996	1,357	1,639	3,214	1,424	1,790	3,327	1,469	1,858
65-69	2,154	1,133	1,021	2,265	1,184	1,081	2,436	1,169	1,267	2,564	1,216	1,348	2,655	1,216	1,439
70-74	1,315	561	754	1,466	694	772	1,443	730	713	1,547	767	780	1,560	790	770
75-79	790	420	370	736	397	339	883	392	491	904	396	508	921	418	503
80+	724	290	434	711	294	417	807	341	466	770	337	433	791	355	436

Table 3C.4: Projected Population by Five Year Age Groups and Sex; Chakechake Town Council, 2033-2037

Age Groups	2033			2034			2035			2036			2037		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	197,932	96,563	101,369	204,078	99,626	104,452	210,003	102,611	107,392	216,418	105,796	110,622	222,412	108,771	113,641
0 - 4	37,106	18,859	18,247	37,694	19,162	18,532	38,230	19,437	18,793	38,694	19,677	19,017	39,070	19,868	19,202
5 - 9	31,679	15,948	15,731	32,480	16,352	16,128	33,257	16,746	16,511	34,005	17,124	16,881	34,724	17,490	17,234
10 -14	22,549	11,204	11,345	23,951	11,901	12,050	25,490	12,673	12,817	27,182	13,483	13,699	28,999	14,378	14,621
15-19	20,695	10,302	10,393	20,811	10,286	10,525	21,109	10,388	10,721	21,283	10,486	10,797	21,186	10,413	10,773
20-24	19,106	9,556	9,550	19,435	9,772	9,663	19,863	9,998	9,865	19,916	10,000	9,916	20,373	10,208	10,165
25-29	15,862	7,709	8,153	16,836	8,179	8,657	17,303	8,461	8,842	17,926	8,832	9,094	18,351	9,059	9,292
30-34	11,426	5,309	6,117	12,036	5,760	6,276	13,116	6,387	6,729	13,978	6,843	7,135	14,992	7,411	7,581
35-39	8,173	3,725	4,448	8,669	3,885	4,784	8,813	3,942	4,871	9,481	4,295	5,186	9,965	4,576	5,389
40-44	7,250	3,301	3,949	7,348	3,382	3,966	7,631	3,489	4,142	7,634	3,485	4,149	7,858	3,568	4,290
45-49	5,834	2,527	3,307	6,128	2,659	3,469	6,029	2,650	3,379	6,323	2,821	3,502	6,435	2,886	3,549
50-54	4,794	2,142	2,652	4,880	2,168	2,712	5,152	2,281	2,871	5,275	2,287	2,988	5,417	2,338	3,079
55-59	3,977	1,655	2,322	4,246	1,757	2,489	3,990	1,701	2,289	4,268	1,840	2,428	4,418	1,903	2,515
60-64	3,494	1,546	1,948	3,333	1,470	1,863	3,546	1,548	1,998	3,614	1,600	2,014	3,584	1,544	2,040
65-69	2,605	1,180	1,425	2,698	1,194	1,504	2,586	1,130	1,456	2,795	1,200	1,595	2,901	1,244	1,657
70-74	1,700	831	869	1,773	873	900	1,910	869	1,041	2,051	889	1,162	2,092	914	1,178
75-79	926	419	507	1,054	497	557	1,077	539	538	1,130	572	558	1,153	581	572
80+	756	350	406	706	329	377	901	372	529	863	362	501	894	390	504

Table 3C.5: Projected Population by Five Year Age Groups and Sex; Chakechake Town Council, 2038-2042

Age Groups	2038			2039			2040			2041			2042		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	228,802	111,957	116,845	235,072	115,123	119,949	241,382	118,234	123,148	247,798	121,467	126,331	254,240	124,652	129,588
0 - 4	39,406	20,042	19,364	39,737	20,211	19,526	40,077	20,387	19,690	40,434	20,572	19,862	40,800	20,763	20,037
5 - 9	35,389	17,831	17,558	35,990	18,138	17,852	36,540	18,420	18,120	37,010	18,659	18,351	37,396	18,858	18,538
10 -14	29,801	14,776	15,025	30,576	15,162	15,414	31,327	15,538	15,789	32,041	15,895	16,146	32,720	16,237	16,483
15-19	22,392	10,953	11,439	23,759	11,623	12,136	25,306	12,378	12,928	26,989	13,186	13,803	28,860	14,088	14,772
20-24	20,620	10,312	10,308	20,745	10,306	10,439	21,058	10,408	10,650	21,242	10,515	10,727	21,147	10,442	10,705
25-29	18,901	9,405	9,496	19,232	9,619	9,613	19,680	9,857	9,823	19,742	9,865	9,877	20,197	10,072	10,125
30-34	15,787	7,817	7,970	16,752	8,293	8,459	17,252	8,607	8,645	17,848	8,960	8,888	18,317	9,221	9,096
35-39	10,613	4,955	5,658	11,187	5,376	5,811	12,188	5,956	6,232	12,992	6,391	6,601	13,935	6,918	7,017
40-44	8,213	3,758	4,455	8,716	3,921	4,795	8,882	3,991	4,891	9,519	4,320	5,199	10,038	4,627	5,411
45-49	6,644	2,946	3,698	6,734	3,025	3,709	6,992	3,111	3,881	7,007	3,114	3,893	7,236	3,199	4,037
50-54	5,485	2,409	3,076	5,759	2,540	3,219	5,674	2,531	3,143	5,946	2,698	3,248	6,059	2,758	3,301
55-59	4,646	1,965	2,681	4,726	1,988	2,738	5,029	2,095	2,934	5,114	2,106	3,008	5,289	2,153	3,136
60-64	3,647	1,621	2,026	3,871	1,711	2,160	3,664	1,663	2,001	3,937	1,804	2,133	4,079	1,867	2,212
65-69	3,033	1,293	1,740	2,915	1,258	1,657	3,098	1,315	1,783	3,155	1,342	1,813	3,165	1,336	1,829
70-74	2,115	872	1,243	2,155	894	1,261	2,083	846	1,237	2,259	895	1,364	2,342	939	1,403
75-79	1,235	614	621	1,302	637	665	1,455	647	808	1,513	671	842	1,569	675	894
80+	875	388	487	916	421	495	1,077	484	593	1,050	474	576	1,091	499	592

Table 3C.6: Projected Population by Five Year Age Groups and Sex; Chakechake Town Council, 2043-2047

Age Groups	2043			2044			2045			2046			2047		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	260,605	127,812	132,793	267,130	131,085	136,045	273,490	134,302	139,188	280,058	137,556	142,502	286,459	140,758	145,701
0 - 4	41,153	20,946	20,207	41,471	21,109	20,362	41,767	21,259	20,508	42,044	21,398	20,646	42,287	21,523	20,764
5 - 9	37,733	19,031	18,702	38,063	19,198	18,865	38,393	19,369	19,024	38,748	19,553	19,195	39,106	19,739	19,367
10 -14	33,349	16,553	16,796	33,917	16,841	17,076	34,435	17,102	17,333	34,881	17,328	17,553	35,243	17,511	17,732
15-19	29,659	14,478	15,181	30,433	14,858	15,575	31,183	15,225	15,958	31,899	15,578	16,321	32,579	15,916	16,663
20-24	22,330	10,976	11,354	23,718	11,654	12,064	25,258	12,431	12,827	26,934	13,222	13,712	28,815	14,134	14,681
25-29	20,444	10,175	10,269	20,573	10,169	10,404	20,886	10,273	10,613	21,080	10,386	10,694	20,988	10,315	10,673
30-34	18,832	9,550	9,282	19,195	9,783	9,412	19,639	10,033	9,606	19,695	10,032	9,663	20,158	10,248	9,910
35-39	14,676	7,287	7,389	15,597	7,749	7,848	16,034	8,008	8,026	16,629	8,375	8,254	17,035	8,591	8,444
40-44	10,683	4,994	5,689	11,239	5,405	5,834	12,284	6,019	6,265	13,082	6,448	6,634	14,045	6,990	7,055
45-49	7,548	3,363	4,185	8,028	3,514	4,514	8,176	3,577	4,599	8,784	3,886	4,898	9,236	4,147	5,089
50-54	6,257	2,818	3,439	6,350	2,894	3,456	6,594	2,984	3,610	6,606	2,982	3,624	6,817	3,062	3,755
55-59	5,326	2,217	3,109	5,627	2,342	3,285	5,515	2,332	3,183	5,803	2,489	3,314	5,894	2,548	3,346
60-64	4,289	1,933	2,356	4,353	1,947	2,406	4,611	2,042	2,569	4,738	2,085	2,653	4,872	2,108	2,764
65-69	3,186	1,358	1,828	3,400	1,470	1,930	3,215	1,414	1,801	3,459	1,537	1,922	3,594	1,594	2,000
70-74	2,470	963	1,507	2,370	948	1,422	2,511	1,001	1,510	2,589	997	1,592	2,562	1,018	1,544
75-79	1,540	652	888	1,610	659	951	1,577	636	941	1,699	674	1,025	1,774	708	1,066
80+	1,130	518	612	1,186	545	641	1,412	597	815	1,388	586	802	1,454	606	848

Table 3C.7: Projected Population by Five Year Age Groups and Sex; Chakechake Town Council, 2048-2050

Age Groups	2048			2049			2050		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	293,028	144,008	149,020	299,463	147,246	152,217	305,959	150,482	155,477
0 - 4	42,520	21,640	20,880	42,727	21,748	20,979	42,912	21,845	21,067
5 - 9	39,463	19,921	19,542	39,777	20,080	19,697	40,067	20,228	19,839
10 -14	35,561	17,672	17,889	35,877	17,832	18,045	36,196	17,993	18,203
15-19	33,213	16,230	16,983	33,786	16,515	17,271	34,309	16,776	17,533
20-24	29,624	14,531	15,093	30,400	14,916	15,484	31,157	15,289	15,868
25-29	22,163	10,837	11,326	23,512	11,491	12,021	25,052	12,268	12,784
30-34	20,411	10,360	10,051	20,536	10,349	10,187	20,861	10,468	10,393
35-39	17,538	8,915	8,623	17,881	9,135	8,746	18,276	9,347	8,929
40-44	14,803	7,381	7,422	15,726	7,835	7,891	16,223	8,135	8,088
45-49	9,855	4,497	5,358	10,373	4,882	5,491	11,316	5,412	5,904
50-54	7,129	3,226	3,903	7,568	3,368	4,200	7,721	3,430	4,291
55-59	6,101	2,599	3,502	6,186	2,670	3,516	6,449	2,758	3,691
60-64	4,932	2,190	2,742	5,184	2,301	2,883	5,107	2,300	2,807
65-69	3,780	1,649	2,131	3,847	1,671	2,176	4,078	1,756	2,322
70-74	2,633	1,024	1,609	2,778	1,116	1,662	2,637	1,075	1,562
75-79	1,854	735	1,119	1,784	718	1,066	1,931	754	1,177
80+	1,448	601	847	1,521	619	902	1,667	648	1,019

Table 3C. 8: Projected Population by Five Year Age Groups and Sex; Mkoani Town Council, 2023-2027

Age Groups	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
Total	140,672	69,250	71,422	145,251	71,593	73,658	150,501	74,202	76,299	155,150	76,644	78,506	160,576	79,404	81,172
0 - 4	24,436	12,293	12,143	25,793	12,966	12,827	27,430	13,799	13,631	29,211	14,656	14,555	31,164	15,631	15,533
5 -9	22,167	11,393	10,774	22,263	11,361	10,902	22,543	11,456	11,087	22,683	11,547	11,136	22,548	11,447	11,101
10 -14	20,740	10,787	9,953	21,083	11,024	10,059	21,489	11,247	10,242	21,545	11,249	10,296	22,002	11,473	10,529
15-19	16,665	8,587	8,078	17,665	9,106	8,559	18,090	9,382	8,708	18,747	9,790	8,957	19,152	10,019	9,133
20-24	11,425	5,501	5,924	12,032	5,966	6,066	13,084	6,581	6,503	13,935	7,053	6,882	14,904	7,614	7,290
25-29	8,343	3,931	4,412	8,840	4,092	4,748	8,949	4,139	4,810	9,649	4,515	5,134	10,111	4,805	5,306
30-34	6,924	3,154	3,770	7,011	3,241	3,770	7,267	3,318	3,949	7,240	3,313	3,927	7,491	3,405	4,086
35-39	6,161	2,730	3,431	6,471	2,865	3,606	6,348	2,850	3,498	6,672	3,032	3,640	6,761	3,094	3,667
40-44	5,004	2,218	2,786	5,034	2,224	2,810	5,396	2,362	3,034	5,426	2,335	3,091	5,629	2,412	3,217
45-49	4,351	1,935	2,416	4,570	2,038	2,532	4,341	1,982	2,359	4,622	2,137	2,485	4,779	2,206	2,573
50-54	4,002	1,724	2,278	3,810	1,654	2,156	4,159	1,781	2,378	4,055	1,746	2,309	4,118	1,759	2,359
55-59	3,192	1,511	1,681	3,258	1,503	1,755	3,166	1,456	1,710	3,350	1,505	1,845	3,492	1,590	1,902
60-64	2,451	1,244	1,207	2,538	1,270	1,268	2,798	1,297	1,501	2,806	1,276	1,530	2,983	1,343	1,640
65-69	1,718	793	925	1,928	909	1,019	1,973	1,027	946	1,946	1,004	942	2,042	1,059	983
70-74	1,262	713	549	1,159	631	528	1,466	669	797	1,363	657	706	1,456	674	782
75-79	1,037	421	616	1,037	437	600	976	482	494	912	468	444	961	491	470
80+	794	315	479	759	306	453	1,026	374	652	988	361	627	983	382	601

Table 3C.9: Projected Population by Five Year Age Groups and Sex; Mkoani Town Council, 2028-2032

Age Groups	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
Total	165,741	82,054	83,687	171,136	84,739	86,397	176,844	87,645	89,199	182,337	90,435	91,902	188,087	93,346	94,741
0 - 4	31,965	16,031	15,934	32,736	16,416	16,320	33,484	16,793	16,691	34,192	17,150	17,042	34,876	17,494	17,382
5 -9	23,836	12,045	11,791	25,261	12,755	12,506	26,858	13,563	13,295	28,634	14,434	14,200	30,525	15,388	15,137
10 -14	22,205	11,550	10,655	22,316	11,527	10,789	22,613	11,631	10,982	22,785	11,739	11,046	22,658	11,641	11,017
15-19	19,679	10,376	9,303	20,038	10,609	9,429	20,410	10,822	9,588	20,471	10,825	9,646	20,927	11,047	9,880
20-24	15,656	7,998	7,658	16,605	8,491	8,114	17,000	8,749	8,251	17,647	9,138	8,509	18,025	9,362	8,663
25-29	10,753	5,186	5,567	11,344	5,635	5,709	12,330	6,209	6,121	13,146	6,661	6,485	14,075	7,197	6,878
30-34	7,790	3,576	4,214	8,278	3,726	4,552	8,363	3,762	4,601	9,056	4,129	4,927	9,459	4,376	5,083
35-39	6,958	3,144	3,814	7,034	3,224	3,810	7,314	3,315	3,999	7,296	3,309	3,987	7,547	3,395	4,152
40-44	5,643	2,473	3,170	5,909	2,586	3,323	5,811	2,586	3,225	6,117	2,754	3,363	6,203	2,806	3,397
45-49	5,003	2,265	2,738	5,058	2,281	2,777	5,403	2,419	2,984	5,456	2,409	3,047	5,631	2,467	3,164
50-54	4,146	1,804	2,342	4,378	1,896	2,482	4,168	1,856	2,312	4,443	1,998	2,445	4,602	2,071	2,531
55-59	3,629	1,623	2,006	3,451	1,562	1,889	3,737	1,683	2,054	3,723	1,647	2,076	3,711	1,662	2,049
60-64	2,934	1,270	1,664	3,034	1,283	1,751	2,928	1,233	1,695	3,080	1,268	1,812	3,246	1,360	1,886
65-69	2,216	1,133	1,083	2,276	1,127	1,149	2,551	1,184	1,367	2,542	1,166	1,376	2,686	1,196	1,490
70-74	1,453	711	742	1,654	800	854	1,741	916	825	1,704	913	791	1,799	937	862
75-79	958	506	452	862	451	411	1,109	495	614	1,068	472	596	1,116	502	614
80+	917	363	554	902	370	532	1,024	429	595	977	423	554	1,001	445	556

Table 3C.10: Projected Population by Five Year Age Groups and Sex; Mkoani Town Council, 2033-2037

Age Groups	2033			2034			2035			2036			2037		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	193,921	96,295	97,626	199,766	99,257	100,509	205,974	102,369	103,605	211,791	105,333	106,458	218,124	108,555	109,569
0 - 4	35,503	17,812	17,691	36,071	18,102	17,969	36,588	18,363	18,225	37,040	18,593	18,447	37,408	18,779	18,629
5 - 9	31,340	15,799	15,541	32,130	16,198	15,932	32,900	16,590	16,310	33,637	16,965	16,672	34,344	17,324	17,020
10 -14	23,943	12,249	11,694	25,316	12,947	12,369	26,968	13,798	13,170	28,776	14,693	14,083	30,766	15,702	15,064
15-19	21,133	11,136	9,997	21,260	11,126	10,134	21,551	11,227	10,324	21,719	11,337	10,382	21,624	11,254	10,370
20-24	18,536	9,691	8,845	18,896	9,932	8,964	19,248	10,126	9,122	19,336	10,145	9,191	19,787	10,369	9,418
25-29	14,792	7,564	7,228	15,699	8,036	7,663	16,087	8,287	7,800	16,705	8,658	8,047	17,092	8,889	8,203
30-34	10,103	4,750	5,353	10,628	5,148	5,480	11,581	5,687	5,894	12,344	6,105	6,239	13,221	6,600	6,621
35-39	7,859	3,574	4,285	8,358	3,725	4,633	8,467	3,779	4,688	9,131	4,112	5,019	9,587	4,398	5,189
40-44	6,382	2,851	3,531	6,469	2,935	3,534	6,717	3,009	3,708	6,705	3,009	3,696	6,967	3,103	3,864
45-49	5,679	2,537	3,142	5,966	2,668	3,298	5,863	2,659	3,204	6,168	2,839	3,329	6,263	2,897	3,366
50-54	4,817	2,125	2,692	4,870	2,139	2,731	5,218	2,272	2,946	5,268	2,261	3,007	5,465	2,331	3,134
55-59	3,787	1,711	2,076	3,974	1,799	2,175	3,803	1,764	2,039	4,063	1,896	2,167	4,209	1,969	2,240
60-64	3,362	1,367	1,995	3,218	1,334	1,884	3,526	1,456	2,070	3,429	1,378	2,051	3,490	1,441	2,049
65-69	2,665	1,162	1,503	2,746	1,142	1,604	2,686	1,136	1,550	2,814	1,158	1,656	2,971	1,242	1,729
70-74	1,922	1,016	906	1,999	1,014	985	2,283	1,066	1,217	2,231	1,064	1,167	2,397	1,070	1,327
75-79	1,140	511	629	1,271	599	672	1,346	683	663	1,331	666	665	1,399	698	701
80+	958	440	518	895	413	482	1,142	467	675	1,094	454	640	1,134	489	645

Table 3C.11: Projected Population by Five Year Age Groups and Sex; Mkoani Town Council, 2038-2042

Age Groups	2038			2039			2040			2041			2042		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	224,122	111,599	112,523	230,364	114,720	115,644	236,678	117,955	118,723	242,908	121,093	121,815	249,156	124,292	124,864
0 - 4	37,729	18,942	18,787	38,049	19,103	18,946	38,367	19,266	19,101	38,708	19,441	19,267	39,061	19,622	19,439
5 - 9	35,001	17,661	17,340	35,595	17,967	17,628	36,135	18,244	17,891	36,599	18,483	18,116	36,975	18,676	18,299
10 -14	31,617	16,137	15,480	32,439	16,558	15,881	33,237	16,968	16,269	33,997	17,360	16,637	34,724	17,735	16,989
15-19	22,893	11,868	11,025	24,272	12,576	11,696	25,865	13,415	12,450	27,609	14,277	13,332	29,460	15,236	14,224
20-24	19,989	10,452	9,537	20,133	10,450	9,683	20,420	10,559	9,861	20,585	10,663	9,922	20,501	10,589	9,912
25-29	17,581	9,200	8,381	17,946	9,444	8,502	18,286	9,629	8,657	18,373	9,649	8,724	18,809	9,867	8,942
30-34	13,902	6,939	6,963	14,785	7,388	7,397	15,138	7,602	7,536	15,763	7,976	7,787	16,088	8,160	7,928
35-39	10,219	4,751	5,468	10,762	5,160	5,602	11,744	5,714	6,030	12,528	6,130	6,398	13,427	6,637	6,790
40-44	7,260	3,267	3,993	7,729	3,409	4,320	7,821	3,450	4,371	8,481	3,791	4,690	8,877	4,033	4,844
45-49	6,456	2,947	3,509	6,556	3,032	3,524	6,821	3,125	3,696	6,803	3,121	3,682	7,050	3,209	3,841
50-54	5,489	2,392	3,097	5,783	2,518	3,265	5,684	2,513	3,171	5,994	2,686	3,308	6,080	2,741	3,339
55-59	4,414	2,027	2,387	4,473	2,045	2,428	4,768	2,171	2,597	4,855	2,159	2,696	5,007	2,229	2,778
60-64	3,544	1,461	2,083	3,741	1,543	2,198	3,573	1,519	2,054	3,805	1,629	2,176	3,944	1,692	2,252
65-69	3,093	1,265	1,828	2,940	1,207	1,733	3,255	1,334	1,921	3,175	1,286	1,889	3,204	1,303	1,901
70-74	2,313	1,053	1,260	2,432	1,030	1,402	2,400	1,034	1,366	2,508	1,060	1,448	2,665	1,130	1,535
75-79	1,512	750	762	1,568	761	807	1,799	805	994	1,793	786	1,007	1,901	807	1,094
80+	1,110	487	623	1,161	529	632	1,365	607	758	1,332	596	736	1,383	626	757

Table 3C.12: Projected Population by Five Year Age Groups and Sex; Mkoani Town Council, 2043-2047

Age Groups	2043			2044			2045			2046			2047		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	255,493	127,525	127,968	261,690	130,650	131,040	268,108	133,864	134,244	274,319	137,048	137,271	280,674	140,278	140,396
0 - 4	39,406	19,799	19,607	39,709	19,950	19,759	39,994	20,094	19,900	40,257	20,224	20,033	40,494	20,343	20,151
5 - 9	37,307	18,849	18,458	37,632	19,015	18,617	37,962	19,184	18,778	38,312	19,365	18,947	38,673	19,552	19,121
10 -14	35,392	18,083	17,309	35,997	18,397	17,600	36,549	18,684	17,865	37,023	18,929	18,094	37,415	19,135	18,280
15-19	30,278	15,661	14,617	31,067	16,070	14,997	31,834	16,469	15,365	32,562	16,850	15,712	33,258	17,213	16,045
20-24	21,736	11,181	10,555	23,026	11,844	11,182	24,549	12,619	11,930	26,214	13,452	12,762	27,959	14,349	13,610
25-29	19,007	9,948	9,059	19,148	9,950	9,198	19,420	10,052	9,368	19,575	10,150	9,425	19,500	10,082	9,418
30-34	16,587	8,472	8,115	16,905	8,684	8,221	17,230	8,850	8,380	17,328	8,880	8,448	17,738	9,080	8,658
35-39	14,121	6,989	7,132	15,000	7,427	7,573	15,393	7,680	7,713	15,986	8,019	7,967	16,359	8,239	8,120
40-44	9,476	4,375	5,101	10,004	4,766	5,238	10,883	5,250	5,633	11,630	5,647	5,983	12,450	6,104	6,346
45-49	7,363	3,385	3,978	7,828	3,532	4,296	7,935	3,578	4,357	8,582	3,914	4,668	9,018	4,185	4,833
50-54	6,273	2,789	3,484	6,363	2,871	3,492	6,624	2,952	3,672	6,618	2,958	3,660	6,868	3,044	3,824
55-59	5,061	2,291	2,770	5,300	2,408	2,892	5,241	2,409	2,832	5,511	2,573	2,938	5,616	2,627	2,989
60-64	4,146	1,740	2,406	4,211	1,763	2,448	4,520	1,888	2,632	4,559	1,846	2,713	4,742	1,936	2,806
65-69	3,287	1,367	1,920	3,449	1,407	2,042	3,317	1,410	1,907	3,533	1,509	2,024	3,664	1,571	2,093
70-74	2,746	1,163	1,583	2,613	1,102	1,511	2,931	1,212	1,719	2,830	1,194	1,636	2,910	1,194	1,716
75-79	1,876	784	1,092	1,937	781	1,156	1,935	783	1,152	2,039	803	1,236	2,166	864	1,302
80+	1,431	649	782	1,501	683	818	1,791	750	1,041	1,760	735	1,025	1,844	760	1,084

Table 3C.13: Projected Population by Five Year Age Groups and Sex; Mkoani Town Council, 2048-2050

Age Groups	2048			2049			2050		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	286,871	143,462	143,409	293,155	146,638	146,517	299,428	149,850	149,578
0 - 4	40,718	20,455	20,263	40,916	20,557	20,359	41,096	20,651	20,445
5 - 9	39,019	19,729	19,290	39,324	19,885	19,439	39,615	20,034	19,581
10 -14	37,756	19,314	18,442	38,090	19,486	18,604	38,427	19,662	18,765
15-19	33,900	17,552	16,348	34,480	17,859	16,621	35,013	18,139	16,874
20-24	28,736	14,750	13,986	29,491	15,139	14,352	30,225	15,520	14,705
25-29	20,685	10,657	10,028	21,947	11,309	10,638	23,397	12,045	11,352
30-34	17,924	9,151	8,773	18,068	9,163	8,905	18,324	9,251	9,073
35-39	16,847	8,540	8,307	17,174	8,757	8,417	17,533	8,952	8,581
40-44	13,093	6,416	6,677	13,919	6,834	7,085	14,235	7,034	7,201
45-49	9,606	4,522	5,084	10,138	4,913	5,225	11,057	5,441	5,616
50-54	7,162	3,211	3,951	7,635	3,352	4,283	7,732	3,399	4,333
55-59	5,785	2,679	3,106	5,878	2,759	3,119	6,104	2,838	3,266
60-64	4,770	1,972	2,798	5,027	2,087	2,940	4,957	2,086	2,871
65-69	3,857	1,618	2,239	3,908	1,628	2,280	4,211	1,746	2,465
70-74	2,932	1,264	1,668	3,104	1,298	1,806	2,999	1,301	1,698
75-79	2,244	878	1,366	2,126	835	1,291	2,387	937	1,450
80+	1,837	754	1,083	1,930	777	1,153	2,116	814	1,302

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