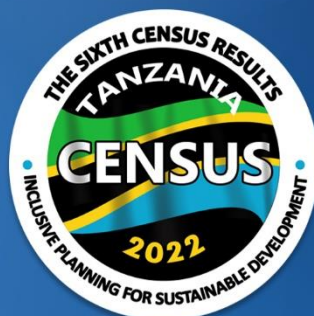




THE UNITED REPUBLIC OF TANZANIA

## KASKAZINI PEMBA REGION POPULATION PROJECTIONS 2023 - 2050





**The United Republic of Tanzania**

# **Kaskazini Pemba Region Population Projections 2023 - 2050**

National Bureau of Statistics  
Ministry of Finance  
Tanzania

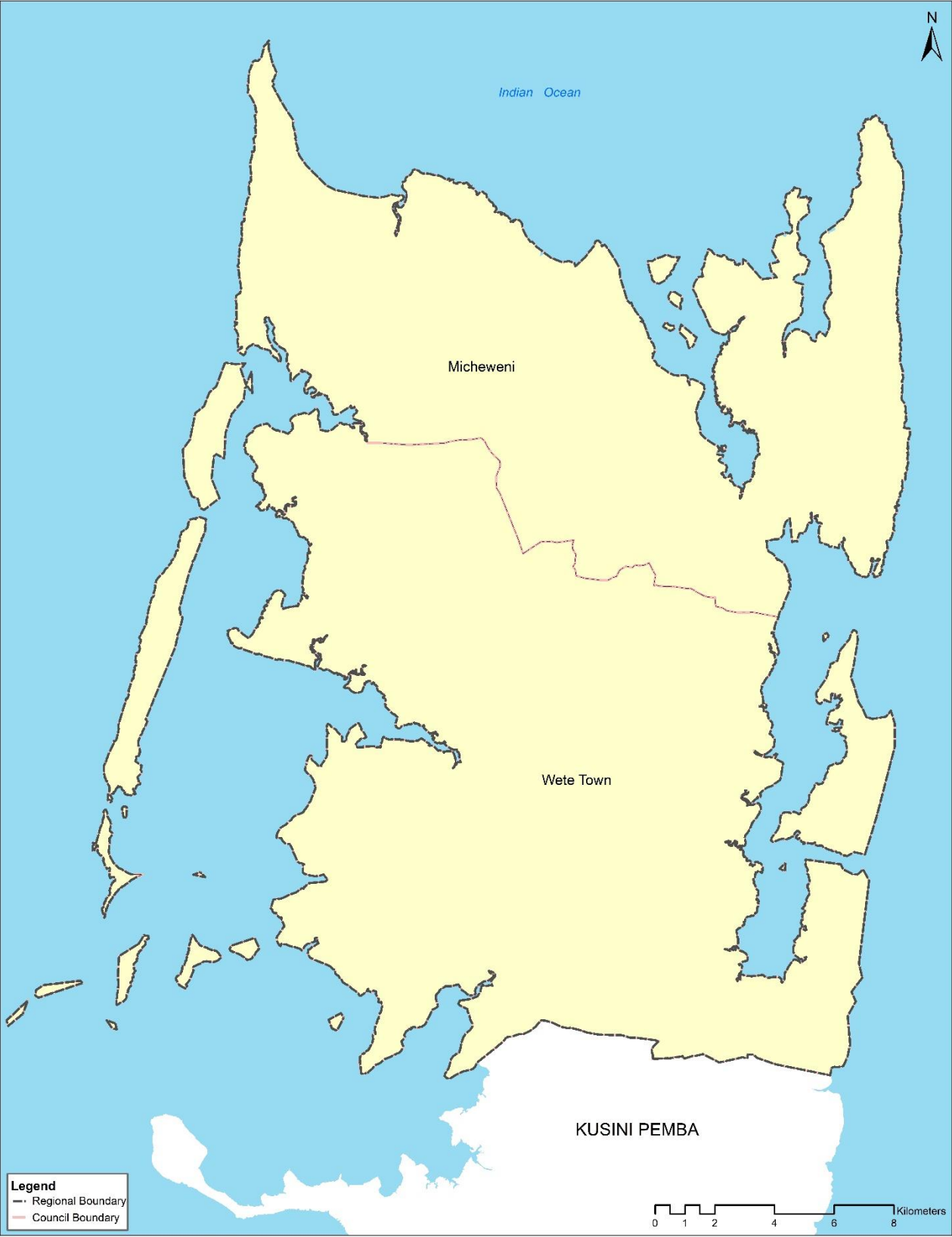
Office of the Chief Government Statistician  
President's Office - Finance and Planning  
Zanzibar

May, 2025

**Citation:**

The United Republic of Tanzania (URT), Ministry of Finance, Tanzania National Bureau of Statistics and President's Office - Finance and Planning, Office of the Chief Government Statistician, Zanzibar. The 2022 Population and Housing Census: Kaskazini Pemba Region Population Projections Report, 2023 to 2050; Tanzania, May 2025.

# KASKAZINI 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 22<sup>nd</sup>/23<sup>rd</sup> 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. Kaskazini 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.



**Dr. Amina Suleiman Msengwa**  
Statistician General  
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**Salum Kassim Ali**  
Chief Government Statistician  
Office of the Chief Government  
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## Executive Summary

Kaskazini 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 level, 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 Kaskazini 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 23<sup>rd</sup> August, 2022 was adjusted to mid-year of 2022 (01<sup>st</sup> 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 Kaskazini Pemba Region population projections show that, population growth rate will



decrease from 3.7 percent in 2023 (with a population of 284,963) to 3.2 percent in 2050 (with a population of 679,608).

Fertility levels are projected to decline in Kaskazini Pemba Region during the projection period. Total Fertility Rate (TFR) is projected to decline from 7.0 children per woman in 2023 to 4.2 children per woman in 2050.

Mortality estimates further show that life expectancy at birth for Kaskazini Pemba Region is expected to increase from 69.7 years in 2023 to 75.7 years in 2050.

Age dependency ratio for Kaskazini Pemba Region is expected to decrease from 108 for every 100 working persons in 2023 to 86 dependants in 2050.

## Table of Contents

Foreword .....	i
Acknowledgement .....	iv
Executive Summary.....	v
Abbreviations and Acronyms .....	xiii
CHAPTER ONE.....	14
Introduction.....	14
1.0 Background.....	15
1.1 The 2022 Population Census Data and Population Projections .....	17
1.2 Age-Sex Structure of the Population .....	18
1.3 Importance of Demographic Projections .....	20
1.4 Population Projection Software .....	20
1.4.1 Demographic Analysis and Population Projection System (DAPPS) .....	20
1.4.2 Population Analysis System (PAS) Software .....	21
1.4.3 DemProj.....	21
CHAPTER TWO .....	22
Methodology .....	22
2.0 Introduction .....	23
2.1 Base Year Population.....	23
2.2 Fertility Assumptions and Estimation .....	24
2.2.1 Introduction.....	24
2.2.2 Fertility Estimation .....	25
2.3 Mortality .....	26
2.3.1 Introduction.....	26
2.3.2 Mortality Estimation .....	26
2.4 Migration .....	28
2.4.1 Introduction.....	28
2.5 HIV/AIDS Assumptions .....	28
2.5.1 Introduction.....	28
2.5.2 HIV/AIDs Assumptions .....	28
CHAPTER THREE .....	30
Projections.....	30
3.0 Introduction .....	31
3.1 Highlights of Population Projections Results .....	31
3.1.1 Population Growth .....	31
3.1.2 Total Fertility Rate.....	31
3.1.3 Life Expectancy at Birth .....	32
3.1.4 Age Dependency Ratio .....	33
3.1.5 Summary of Demographic Indicators.....	34
3.2 Thematic Maps on Selected Age Groups and Indicators for the Year 2025.....	37

3.3	Thematic Maps on Selected Age Groups and Indicators for the Year 2030.....	47
3.4	Thematic Maps on Selected Age Groups and Indicators for the Year 2050.....	57
3.5	Kaskazini Pemba Region Population Projections Results.....	67
3.6	Council Population Projection Results.....	82
Annex.....		95
	List of Contributors .....	95
	References .....	97

## List of Tables

Table 2.1: Reported and Adjusted Population to Mid-Year by Sex, Sex Ratio and Five-Year Age Groups; Kaskazini Pemba Region, 2022 PHC .....	24
Table 2.2 Fertility Assumptions; Kaskazini Pemba Region, 2023 – 2050 .....	25
Table 2.3: Mortality Assumptions - Life Expectancy at Birth; Kaskazini Pemba Region, 2023 – 2050 .....	27
Table 3A.1: Selected Demographic Indicators; Kaskazini Pemba Region, 2023-2031 ....	34
Table 3A.2: Selected Demographic Indicators; Kaskazini Pemba Region, 2032-2040 ....	35
Table 3B.1: Projected Population by Place of Residence and Sex; Kaskazini Pemba Region, 2023-2050.....	67
Table 3B.2: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2023.....	68
Table 3B.3: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2024.....	68
Table 3B.4: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2025.....	69
Table 3B.5: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2026.....	69
Table 3B.6: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2027.....	70
Table 3B.7: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2028.....	70
Table 3B.8: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2029.....	71
Table 3B.9: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2030.....	71
Table 3B.10: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2031.....	72
Table 3B.11: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2032.....	72
Table 3B.12: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2033.....	73
Table 3B.13: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2034.....	73
Table 3B.14: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2035.....	74
Table 3B.15: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2036.....	74
Table 3B.16: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2037.....	75
Table 3B.17: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2038.....	75

Table 3B.18: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2039.....	76
Table 3B.19: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2040.....	76
Table 3B.20: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2041.....	77
Table 3B.21: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2042.....	77
Table 3B.22: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2043.....	78
Table 3B.23: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2044.....	78
Table 3B.24: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2045.....	79
Table 3B.25: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2046.....	79
Table 3B.26: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2047.....	80
Table 3B.27: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2048.....	80
Table 3B.28: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2049.....	81
Table 3B.29: Projected Population by Five Year Age Groups and Sex; Kaskazini Pemba Region, 2050.....	81
Table 3C.1: Projected Population by Council and Sex; Wete Town Council and Micheweni District Council, 2023-2050 .....	82
Table 3C.2: Projected Population by Five Year Age Groups and Sex; Wete Town Council, 2023-2027 .....	83
Table 3C.3: Projected Population by Five Year Age Groups and Sex; Wete Town Council, 2028-2032 .....	84
Table 3C.4: Projected Population by Five Year Age Groups and Sex; Wete Town Council, 2033-2037 .....	85
Table 3C.5: Projected Population by Five Year Age Groups and Sex; Wete Town Council, 2038-2042 .....	86
Table 3C.6: Projected Population by Five Year Age Groups and Sex; Wete Town Council, 2043-2047 .....	87
Table 3C.7: Projected Population by Five Year Age Groups and Sex; Wete Town Council, 2048-2050 .....	88
Table 3C. 8: Projected Population by Five Year Age Groups and Sex; Micheweni District Council, 2023-2027 .....	89
Table 3C.9: Projected Population by Five Year Age Groups and Sex; Micheweni District Council, 2028-2032 .....	90
Table 3C.10: Projected Population by Five Year Age Groups and Sex; Micheweni District Council, 2033-2037 .....	91



Table 3C.11: Projected Population by Five Year Age Groups and Sex; Micheweni District Council, 2038-2042 .....	92
Table 3C.12: Projected Population by Five Year Age Groups and Sex; Micheweni District Council, 2043-2047 .....	93
Table 3C.13: Projected Population by Five Year Age Groups and Sex; Micheweni District Council, 2048-2050 .....	94

## List of Figures

Figure 1.1: Population Trends; Kaskazini Pemba Region, 2012 – 2050 .....	17
Figure 1.2: Average Annual Inter-Censual Population Growth Rates; Kaskazini Pemba Region, 2012–2050 .....	18
Figure 1.3: Population Pyramid for Five Year Age Groups; Tanzania Zanzibar, 2022 and 2050 .....	19
Figure 1.4: Projected Population Pyramid for Five Year Age Groups; Kaskazini Pemba Region, 2022 and 2050 .....	19
Figure 2.1: Fertility Assumptions; Kaskazini Pemba Region, 2023 – 2050 .....	26
Figure 2.2: Mortality Assumptions - Life Expectancy at Birth; Kaskazini Pemba Region, 2023 – 2050 .....	28
Figure 3.1: Projected Population Growth Rates; Kaskazini Pemba Region, 2023 – 2050	31
Figure 3.2: Projected Total Fertility Rate; Kaskazini Pemba Region, 2023 – 2050 .....	32
Figure 3.3: Projected Life Expectancy at Birth by Sex; Kaskazini Pemba Region, 2023 – 2050 .....	33
Figure 3. 4: Projected Age Dependency Ratio; Kaskazini Pemba Region, 2023 – 2050 .	33

## List of Maps

Map 3.1: Percentage Distribution of Projected Population of Children below Age One by Council; Kaskazini Pemba Region, 2025 .....	37
Map 3.2: Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kaskazini Pemba Region, 2025 .....	38
Map 3.3: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kaskazini Pemba Region, 2025 .....	39
Map 3.4: Percentage Distribution of Projected Population Aged 7 to 13 Years by Council; Kaskazini Pemba Region, 2025 .....	40
Map 3.5: Percentage Distribution of Projected Population Aged 15 to 24 Years by Council; Kaskazini Pemba Region, 2025 .....	41
Map 3.6: Percentage Distribution of Projected Population Aged 15 - 35 Years by Council; Kaskazini Pemba Region, 2025 .....	42
Map 3.7: Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kaskazini Pemba Region, 2025 .....	43
Map 3.8: Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kaskazini Pemba Region, 2025 .....	44

Map 3.9:	Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kaskazini Pemba Region, 2025 .....	45
Map 3.10:	Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kaskazini Pemba Region, 2025 .....	46
Map 3.11:	Percentage Distribution of Projected Population of Children below Age One by Council; Kaskazini Pemba Region, 2030 .....	47
Map 3.12:	Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kaskazini Pemba Region, 2030 .....	48
Map 3.13:	Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kaskazini Pemba Region, 2030 .....	49
Map 3.14:	Percentage Distribution of Projected Population Aged 7 to 13 Years by Council; Kaskazini Pemba Region, 2030 .....	50
Map 3.15:	Percentage Distribution of Projected Population Aged 15 to 24 Years by Council; Kaskazini Pemba Region, 2030 .....	51
Map 3.16:	Percentage Distribution of Projected Population Aged 15 - 35 Years and Above by Council; Kaskazini Pemba Region, 2030 .....	52
Map 3.17:	Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kaskazini Pemba Region, 2030 .....	53
Map 3.18:	Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kaskazini Pemba Region, 2030 .....	54
Map 3.19:	Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kaskazini Pemba Region, 2030 .....	55
Map 3.20:	Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kaskazini Pemba Region, 2030 .....	56
Map 3. 21:	Percentage Distribution of Projected Population Children below Age One by Council; Kaskazini Pemba Region, 2050 .....	57
Map 3.22:	Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kaskazini Pemba Region, 2050 .....	58
Map 3.23:	Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kaskazini Pemba Region, 2050 .....	59
Map 3. 24:	Percentage Distribution of Projected Population Aged 7 to 13 Years by Council; Kaskazini Pemba Region, 2050 .....	60
Map 3.25:	Percentage Distribution of Projected Population Aged 15 to 24 Years by Council; Kaskazini Pemba Region, 2050 .....	61
Map 3.26:	Percentage Distribution of Projected Population Aged 15 - 35 Years and Above by Council; Kaskazini Pemba Region, 2050 .....	62
Map 3.27	Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kaskazini Pemba Region, 2050 .....	63
Map 3.28:	Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kaskazini Pemba Region, 2050 .....	64
Map 3.29:	Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kaskazini Pemba Region, 2050 .....	65
Map 3.30:	Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kaskazini Pemba Region, 2050 .....	66

## 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 <sub>0</sub>	-	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 22<sup>nd</sup>/23<sup>rd</sup> 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.

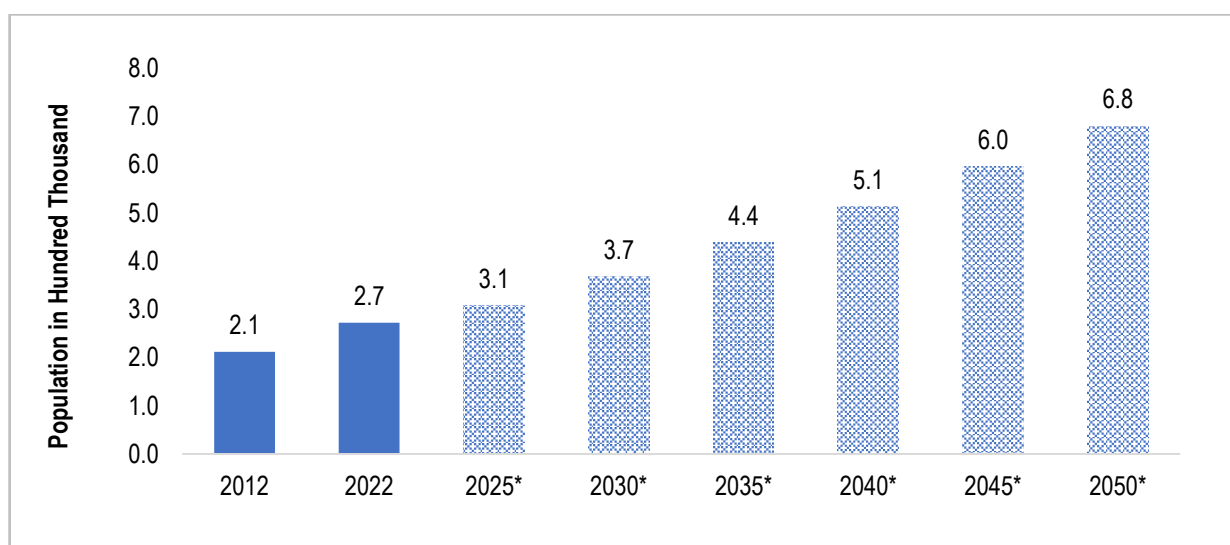
Another procedure for adjusting the population is to shift or move the population from a given date (for instance, a census date) to another date (for instance mid-year). If the total population for the desired date is available, extrapolation can be used. Another possibility is to use the levels of 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

Kaskazini 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 Kaskazini Pemba Region is fast growing shown by increasing number of people from 284,963 in 2023 to 679,608 in 2050. Projections further reveal that from year 2023, regional population is expected to double in 19 years to come (Figure 1.1).

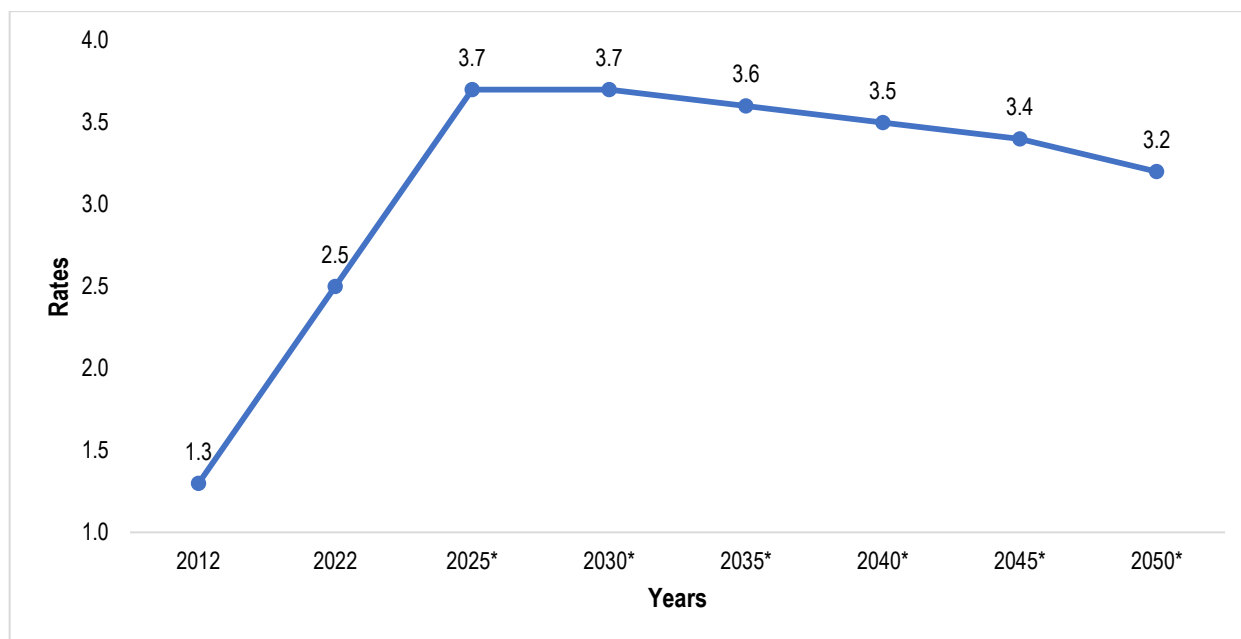
**Figure 1.1: Population Trends; Kaskazini Pemba Region, 2012 – 2050**



**Note:** \* Projected Population

Figure 1.2 shows that the annual average population growth rate for Kaskazini Pemba Region increased from 1.3 to 2.5 percent during 2002-2012 and 2012-2022 intercensal periods respectively. The growth rate is projected to decrease from 3.7 percent in 2025 to 3.2 percent in 2050.

**Figure 1.2: Average Annual Inter-Censal Population Growth Rates; Kaskazini Pemba Region, 2012–2050**



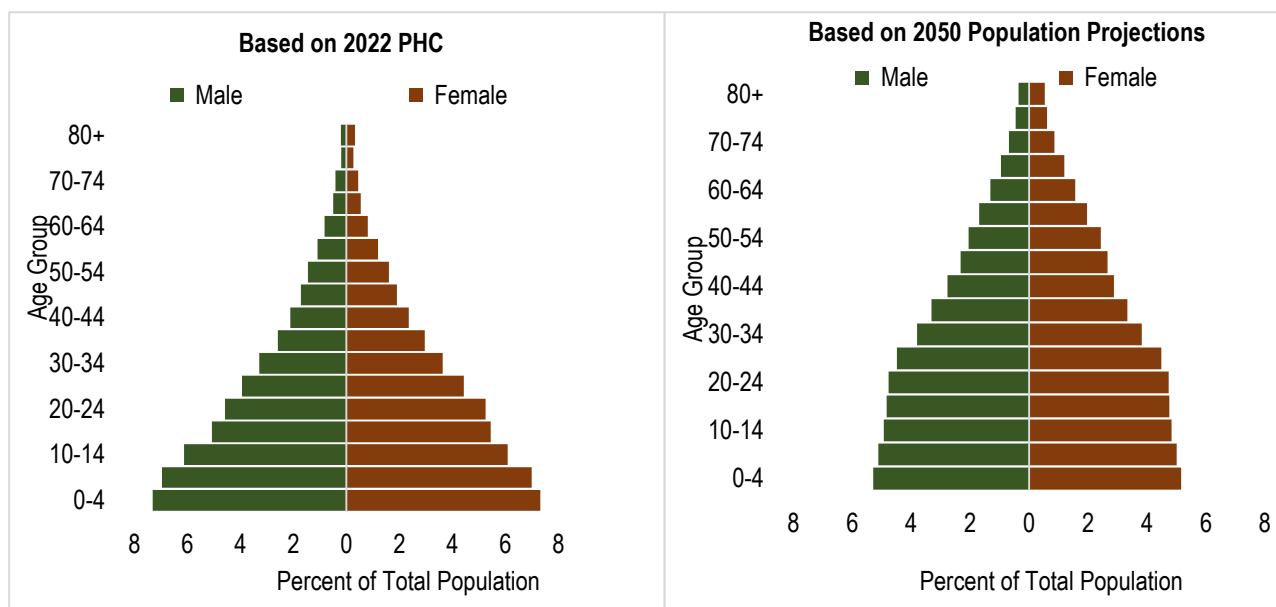
**Note:** \* Projected Population Growth Rates

## 1.2 Age-Sex Structure of the Population

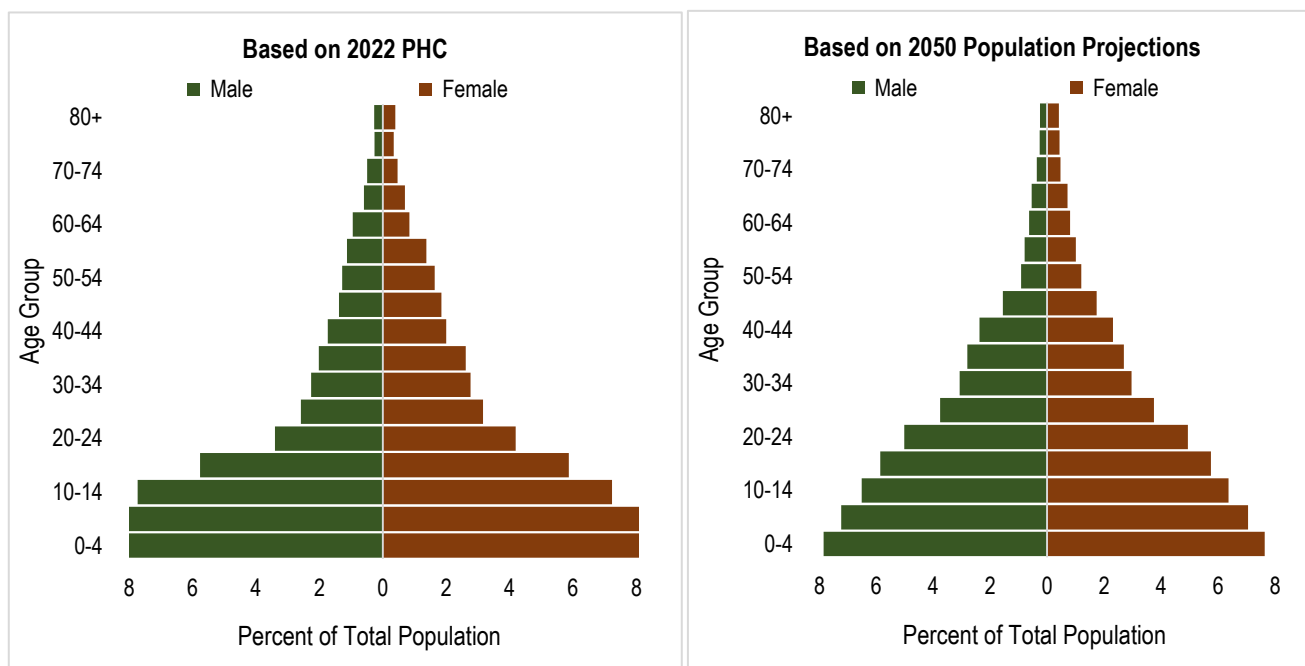
As shown in Figures 1.3 and 1.4, Kaskazini Pemba Region as the most regions in Zanzibar has a very young population as a result of high birth rates over a long period of time. A population pyramid is a graphical representation of the age and sex composition of a specific population. It provides a snapshot 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 Kaskazini 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 Kaskazini 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; Kaskazini 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 Kaskazini Pemba Region based on the 2022 Population and Housing Census (PHC) have been made using a cohort-component model. The projection for Kaskazini 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 Kaskazini 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 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  $nM_x$  and (age specific death rates) and  $nL_x$  (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 ( $nM_x$  and  $nL_x$  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; Kaskazini 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
<b>Total</b>	<b>131,484</b>	<b>140,607</b>	<b>94</b>	<b>133,633</b>	<b>140,982</b>	<b>95</b>
0 - 4	22,092	22,003	100	24,281	23,494	103
5 - 9	22,641	22,184	102	23,540	22,408	105
10 -14	21,055	19,669	107	20,950	19,576	107
15-19	15,699	15,958	98	15,593	15,861	98
20-24	9,267	11,399	81	9,204	11,351	81
25-29	7,036	8,604	82	6,977	8,527	82
30-34	6,155	7,525	82	6,120	7,419	82
35-39	5,497	7,130	77	5,488	7,158	77
40-44	4,726	5,436	87	4,585	5,143	89
45-49	3,763	5,029	75	3,739	5,077	74
50-54	3,496	4,454	78	3,371	4,211	80
55-59	3,075	3,732	82	3,080	3,723	83
60-64	2,583	2,298	112	2,476	2,133	116
65-69	1,609	1,913	84	1,613	1,810	89
70-74	1,356	1,259	108	1,171	1,059	111
75-79	699	945	74	844	1,147	74
80+	735	1,069	69	601	885	68

## 2.2 Fertility Assumptions and Estimation

### 2.2.1 Introduction

Estimation of fertility levels for Kaskazini 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

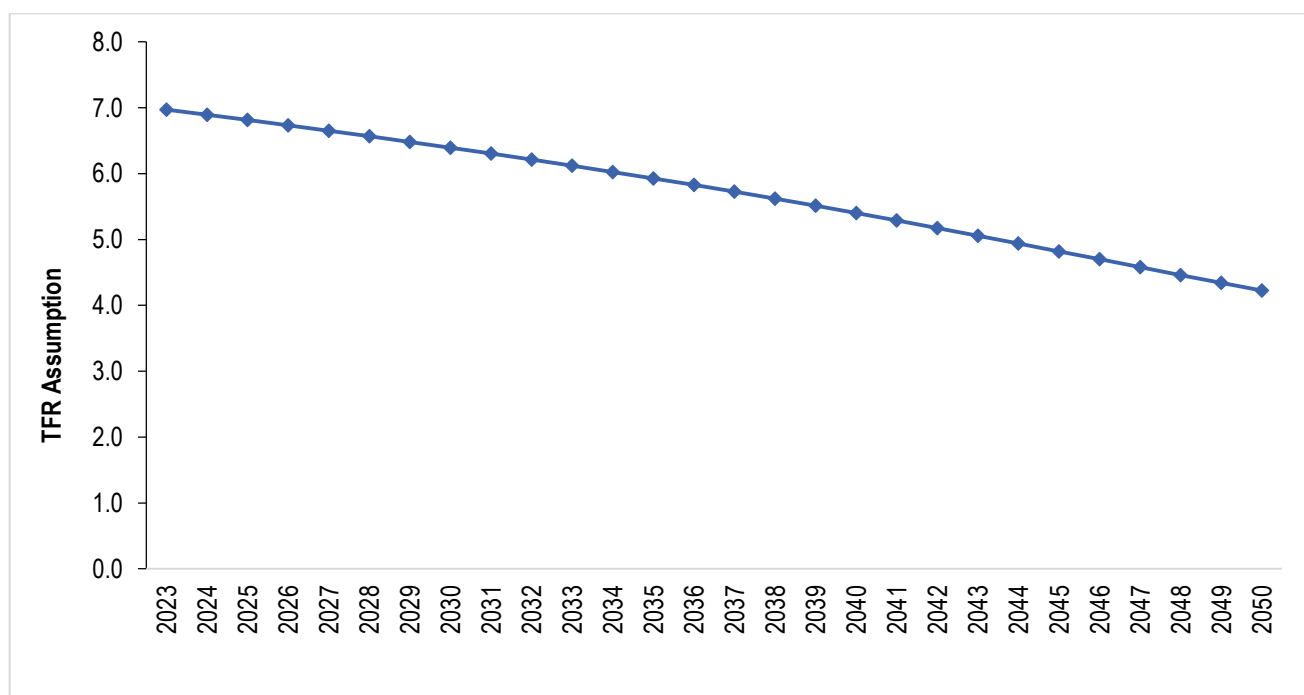
Fertility levels (Total Fertility Rate and Age Specific Fertility Rates) are projected from levels observed in the 2022 TDHS - MIS. Estimation of future fertility levels was done through UN spread sheet template used to estimate the fertility rate (UNFerModel worksheet).

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; Kaskazini Pemba Region, 2023 – 2050**

Year	Total Fertility Rate
2023	7.0
2024	6.9
2025	6.8
2026	6.7
2027	6.7
2028	6.6
2029	6.5
2030	6.4
2031	6.3
2032	6.2
2033	6.1
2034	6.0
2035	5.9
2036	5.8
2037	5.7
2038	5.6
2039	5.5
2040	5.4
2041	5.3
2042	5.2
2043	5.1
2044	4.9
2045	4.8
2046	4.7
2047	4.6
2048	4.5
2049	4.3
2050	4.2

**Figure 2.1: Fertility Assumptions; Kaskazini 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.

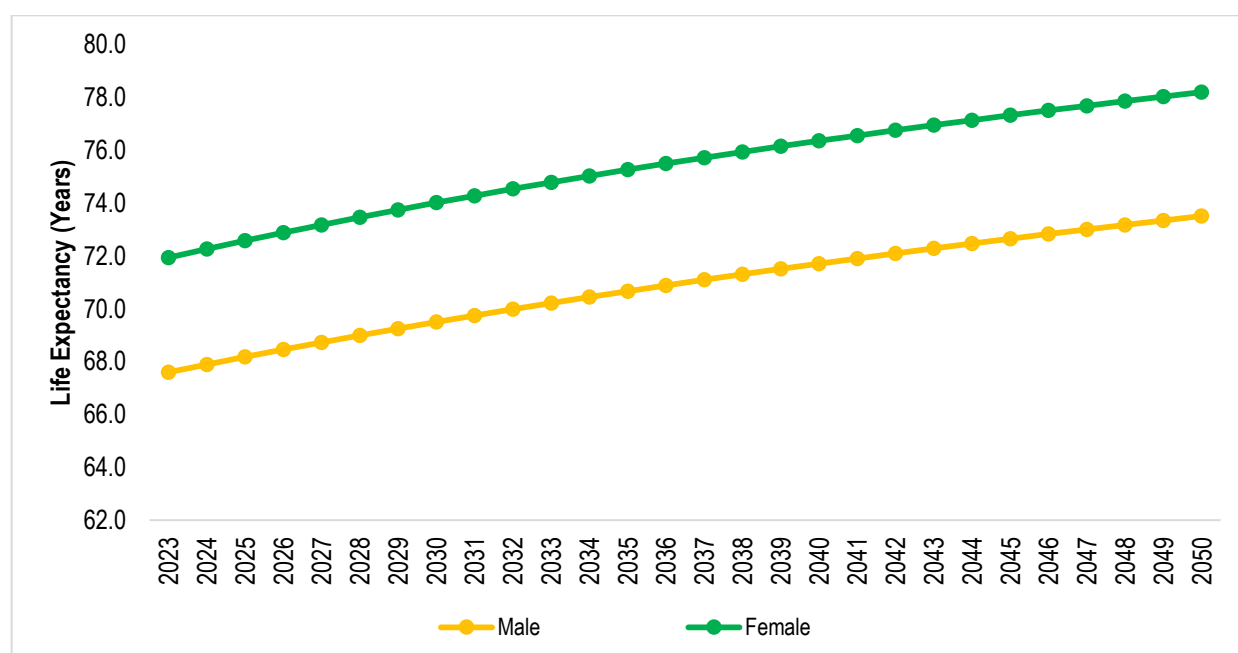
Life expectancy at birth from 2022 Population and Housing Census were not used in the projections as there are abnormally high number of deaths, most likely due to COVID-19 that affected Tanzania and the world in general in 2020 and 2021 (the census question asked on the number of deaths 12 months prior to the census date). Mortality assumptions (life expectancy at birth) for Kaskazini 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; Kaskazini Pemba Region, 2023 – 2050**

Year	Male	Female
2023	67.6	71.9
2024	67.9	72.3
2025	68.2	72.6
2026	68.5	72.9
2027	68.7	73.2
2028	69.0	73.5
2029	69.2	73.7
2030	69.5	74.0
2031	69.7	74.3
2032	70.0	74.5
2033	70.2	74.8
2034	70.4	75.0
2035	70.7	75.3
2036	70.9	75.5
2037	71.1	75.7
2038	71.3	75.9
2039	71.5	76.2
2040	71.7	76.4
2041	71.9	76.6
2042	72.1	76.8
2043	72.3	77.0
2044	72.5	77.1
2045	72.7	77.3
2046	72.8	77.5
2047	73.0	77.7
2048	73.2	77.9
2049	73.3	78.0
2050	73.5	78.2



**Figure 2.2: Mortality Assumptions - Life Expectancy at Birth; Kaskazini 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.

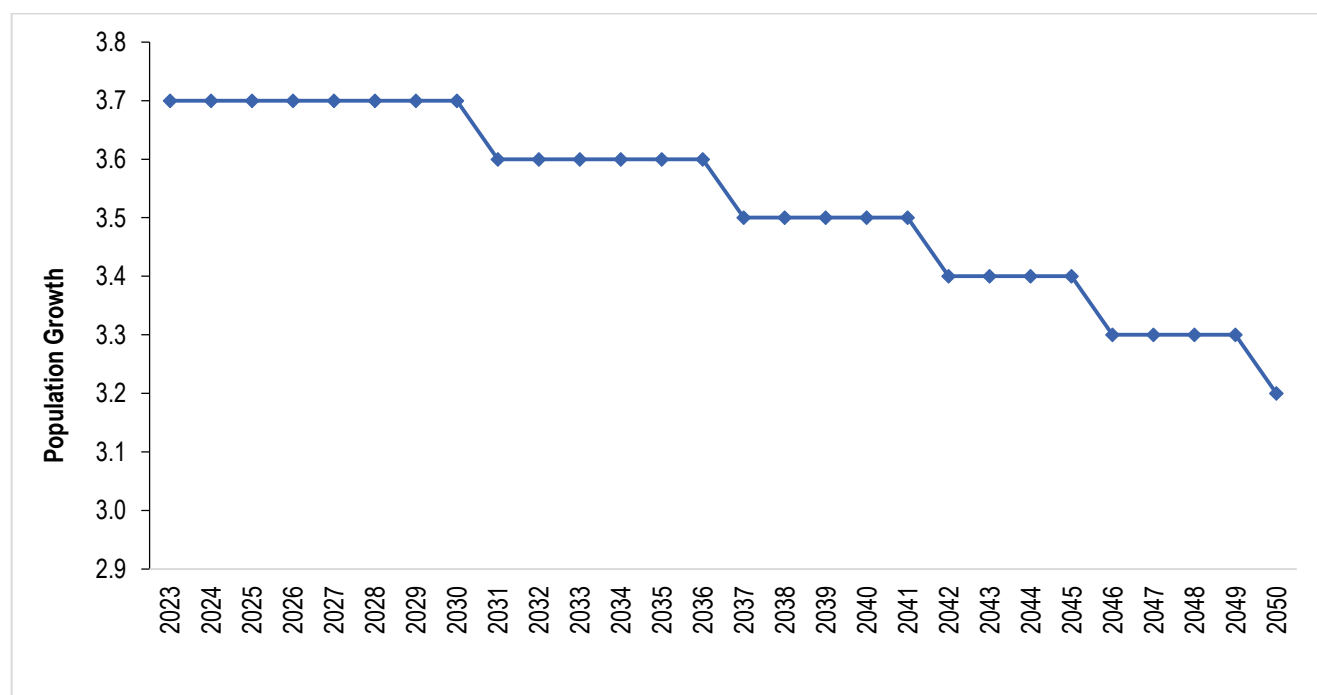
### 3.1 Highlights of Population Projections Results

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 Kaskazini Pemba Region is expected to decrease from 3.7 percent in 2023 to 3.2 percent in 2050 (Figure 3.1, Table 3A.1 & 3A.3). The population of Kaskazini Pemba Region is projected to increase from 284,963 in 2023 to 679,608 persons in 2050. (Detail are shown in Tables 3B.1 - 3B.29).

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

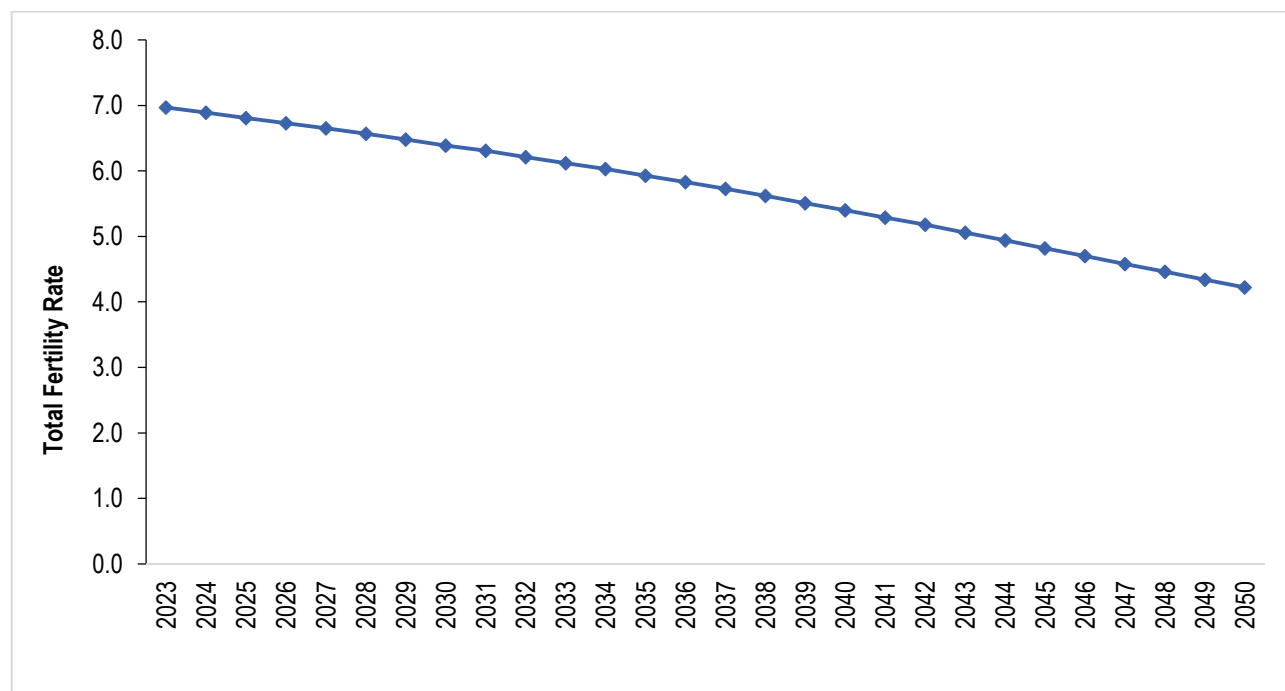


#### 3.1.2 Total Fertility Rate

Results show that fertility levels are projected to decline in Kaskazini Pemba Region during the projection period. The projected Total Fertility Rate (TFR) at the beginning of the projection period for Kaskazini Pemba Region is 7.0 children per woman in 2023 and is

expected to decline to 4.2 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 Kaskazini Pemba Region will continue to grow for most of the remainder of the 21<sup>st</sup> century, even if fertility rates decline.

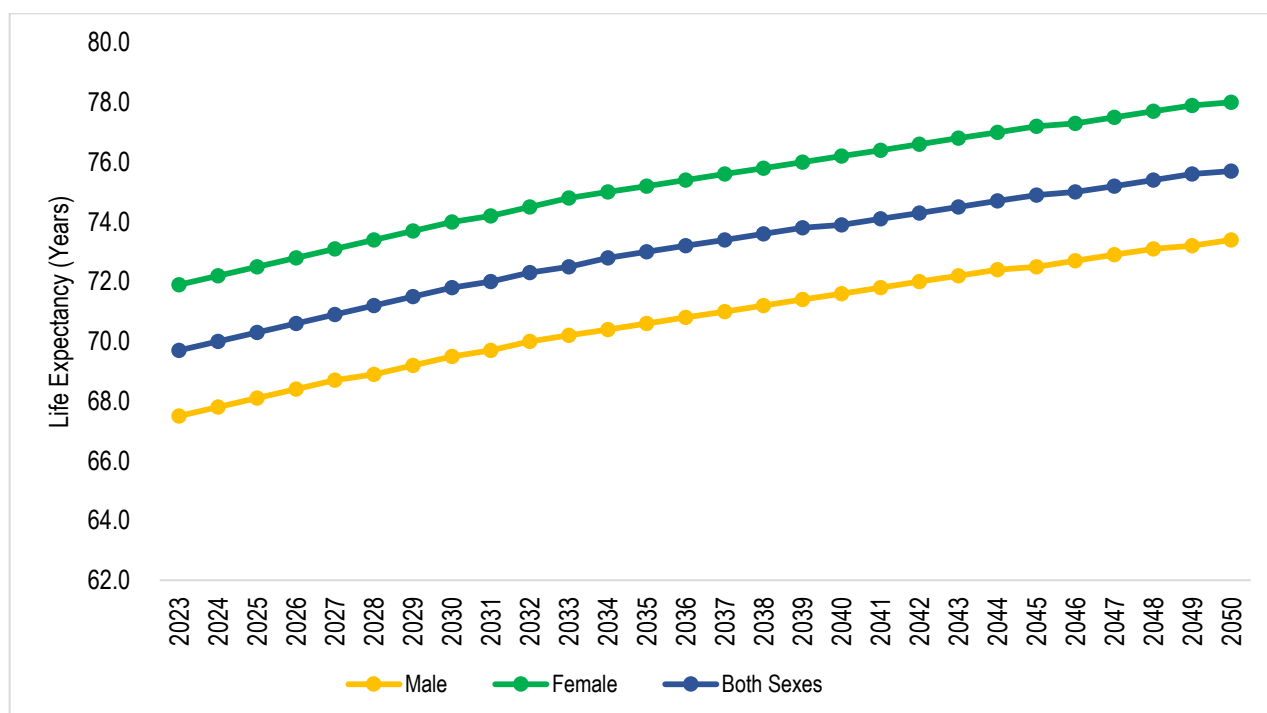
**Figure 3.2: Projected Total Fertility Rate; Kaskazini Pemba Region, 2023 – 2050**



### 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 Kaskazini Pemba Region is expected to increase from 69.7 years in 2023 to 75.7 years in 2050; with that for males being expected to increase from 67.5 years in 2023 to 73.4 years in 2050 and for females from 71.9 years in 2023 to 78.0 years in 2050 (Figure 3.3 and Table 3A.1 - 3A.3).

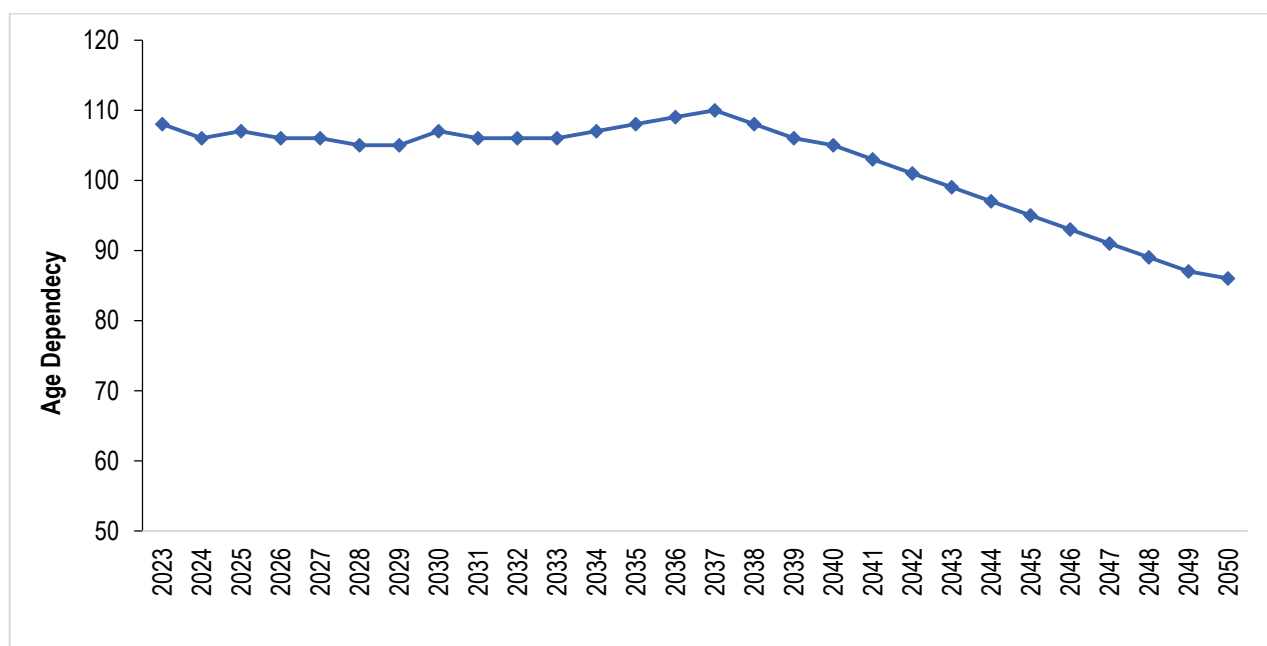
**Figure 3.3: Projected Life Expectancy at Birth by Sex; Kaskazini Pemba Region, 2023 – 2050**



### 3.1.4 Age Dependency Ratio

The age dependency ratio is a proxy measure for economic dependence. Age dependency ratio in Kaskazini Pemba Region is expected to decrease from 108 for every 100 working age persons in 2023 to 86 dependants for every 100 persons of working age in 2050 (Figure 3.4, 3A.1 & 3A.3).

**Figure 3. 4: Projected Age Dependency Ratio; Kaskazini 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 Kaskazini Pemba Region which are presented in Tables 3A.1 to 3A.3.

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

Indicators	2023	2024	2025	2026	2027	2028	2029	2030	2031
<b>Fertility</b>									
TFR	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
GRR	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1
NRR	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0
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	0.9	0.9	1.0	0.9	0.9	0.9	0.9
<b>Mortality</b>									
Male LE	67.5	67.8	68.1	68.4	68.7	68.9	69.2	69.5	69.7
Female LE	71.9	72.2	72.5	72.8	73.1	73.4	73.7	74.0	74.2
Total LE	69.7	70.0	70.3	70.6	70.9	71.2	71.5	71.8	72.0
<b>Vital Rates</b>									
CBR per 1000	48.3	48.2	47.8	47.3	47.0	46.6	46.3	45.8	45.2
CDR per 1000	5.7	5.6	5.4	5.4	5.2	5.1	4.9	4.8	4.7
RNI Percent	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.1	4.1
GR Percent	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6
Doubling Time	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	19.3
<b>Annual Births and Deaths</b>									
Births	11,698	12,077	12,411	12,724	13,091	13,438	13,771	14,116	14,489
Deaths	1,527	1,542	1,565	1,601	1,615	1,632	1,645	1,666	1,689
<b>Population</b>									
Percent Females 15-49	43.1	43.6	42.8	43.0	43.0	43.1	43.3	43.1	43.1
Sex Ratio	95.0	95.0	96.0	96.0	96.0	96.0	96.0	97.0	97.0
Dependency Ratio	108.0	106.0	107.0	106.0	106.0	105.0	105.0	107.0	106.0
Median Age	15	16	16	16	16	16	16	16	16



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

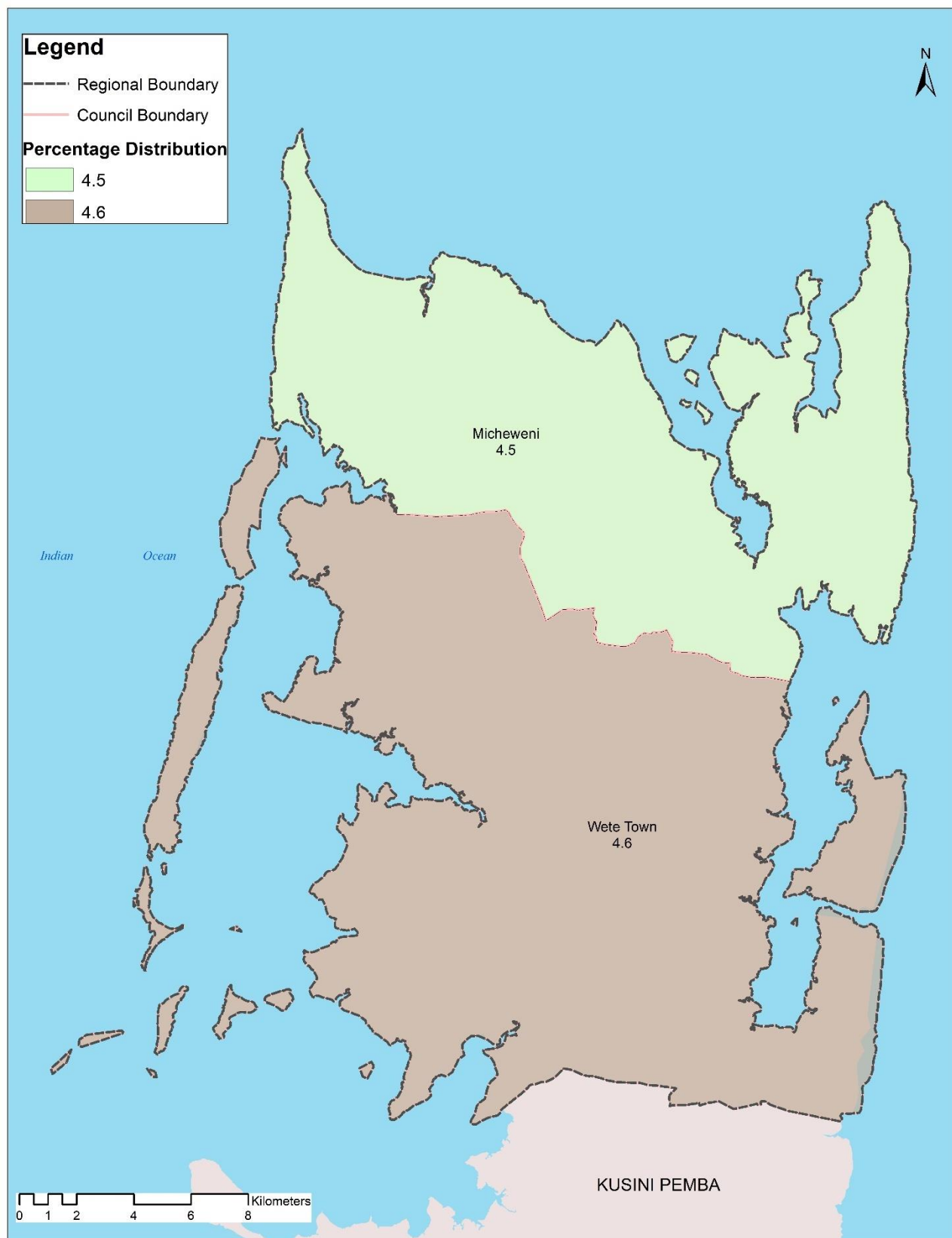
Indicators	2032	2033	2034	2035	2036	2037	2038	2039	2040
<b>Fertility</b>									
TFR	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4
GRR	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7
NRR	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6
Mean Age of Childbearing	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.4	28.4
Child-Woman Ratio	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
<b>Mortality</b>									
Male LE	70.0	70.2	70.4	70.6	70.8	71.0	71.2	71.4	71.6
Female LE	74.5	74.8	75.0	75.2	75.4	75.6	75.8	76.0	76.2
Total LE	72.3	72.5	72.8	73.0	73.2	73.4	73.6	73.8	73.9
<b>Vital Rates</b>									
CBR per 1000	44.5	43.9	43.3	42.5	41.6	40.6	39.9	39.4	38.9
CDR per 1000	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.9
RNI Percent	4.0	4.0	3.9	3.8	3.7	3.7	3.6	3.6	3.5
GR Percent	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5
Doubling Time	19.3	19.3	19.3	19.3	19.3	19.8	19.8	19.8	19.8
<b>Annual Births and Deaths</b>									
Births	14,802	15,091	15,417	15,673	15,967	16,174	16,383	16,689	16,999
Deaths	1,709	1,740	1,765	1,793	1,844	1,875	1,914	1,948	1,990
<b>Population</b>									
Percent Females 15-49	43.1	43.0	42.9	42.5	42.2	41.9	42.4	42.8	43.3
Sex Ratio	97.0	97.0	97.0	97.0	97.0	98.0	98.0	98.0	98.0
Dependency Ratio	106.0	106.0	107.0	108.0	109.0	110.0	108.0	106.0	105.0
Median Age	16	16	16	16	16	16	16	16	16

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

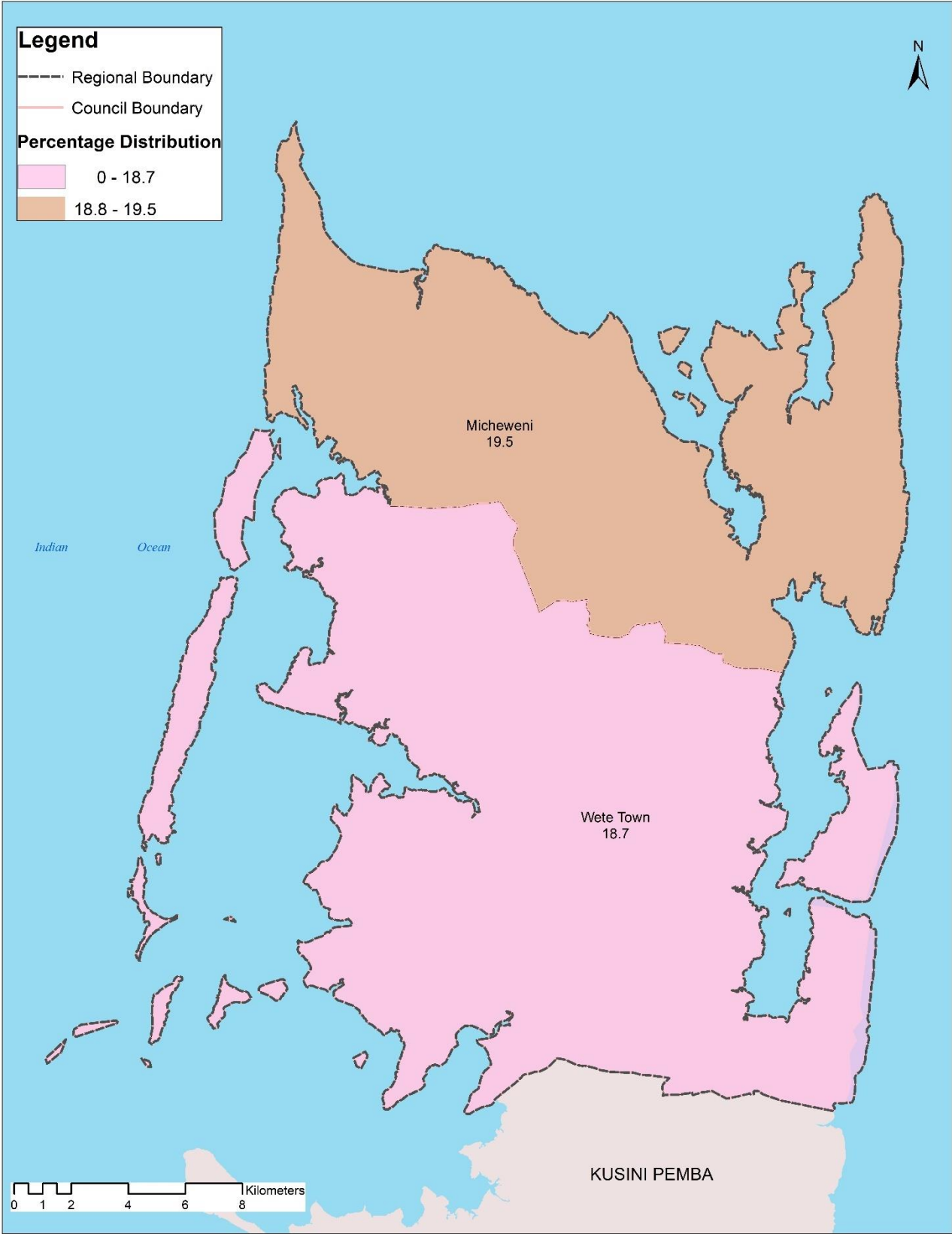
Indicators	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
<b>Fertility</b>										
TFR	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.5	4.3	4.2
GRR	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1
NRR	2.5	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0
Mean Age of Childbearing	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
Child-Woman Ratio	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6
<b>Mortality</b>										
Male LE	71.8	72.0	72.2	72.4	72.5	72.7	72.9	73.1	73.2	73.4
Female LE	76.4	76.6	76.8	77.0	77.2	77.3	77.5	77.7	77.9	78.0
Total LE	74.1	74.3	74.5	74.7	74.9	75.0	75.2	75.4	75.6	75.7
<b>Vital Rates</b>										
CBR per 1000	38.3	37.7	37.1	36.6	36.0	35.4	34.8	34.1	33.5	32.8
CDR per 1000	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4
RNI Percent	3.5	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9
GR Percent	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2
Doubling Time	19.8	20.4	20.4	20.4	20.4	21.0	21.0	21.0	21.0	21.7
<b>Annual Births and Deaths</b>										
Births	17,235	17,477	17,670	17,884	18,114	18,308	18,464	18,588	18,704	18,852
Deaths	2,049	2,092	2,140	2,183	2,228	2,298	2,332	2,371	2,425	2,463
<b>Population</b>										
Percent Females 15-49	43.7	44.1	44.6	45.1	45.6	46.1	46.6	47.1	47.5	48.0
Sex Ratio	98.0	98.0	98.0	98.0	98.0	99.0	99.0	99.0	99.0	99.0
Dependency Ratio	103.0	101.0	99.0	97.0	95.0	93.0	91.0	89.0	87.0	86.0
Median Age	16	16	16	17	17	17	17	18	18	18

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

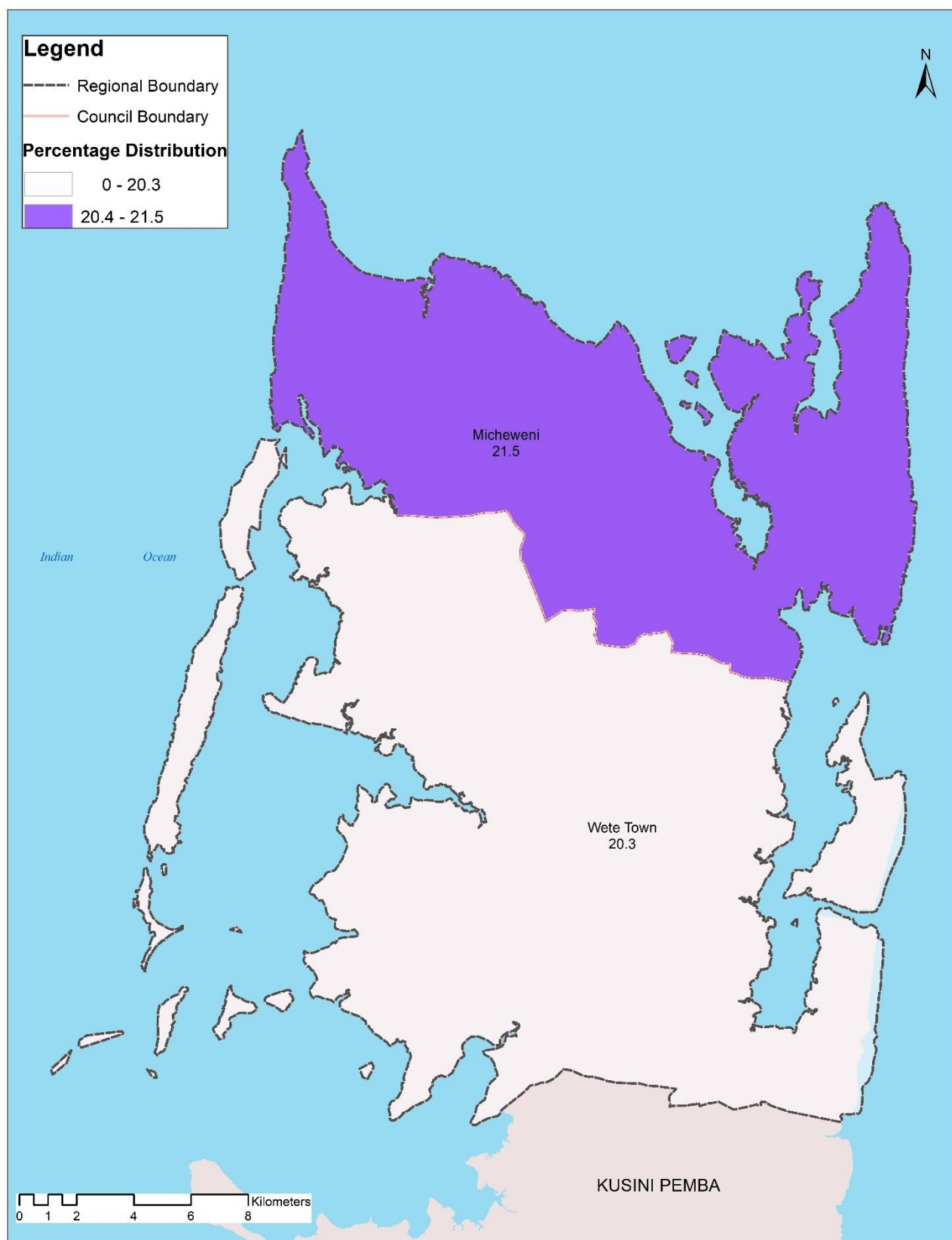
**Map 3.1: Percentage Distribution of Projected Population of Children below Age One by Council; Kaskazini Pemba Region, 2025**



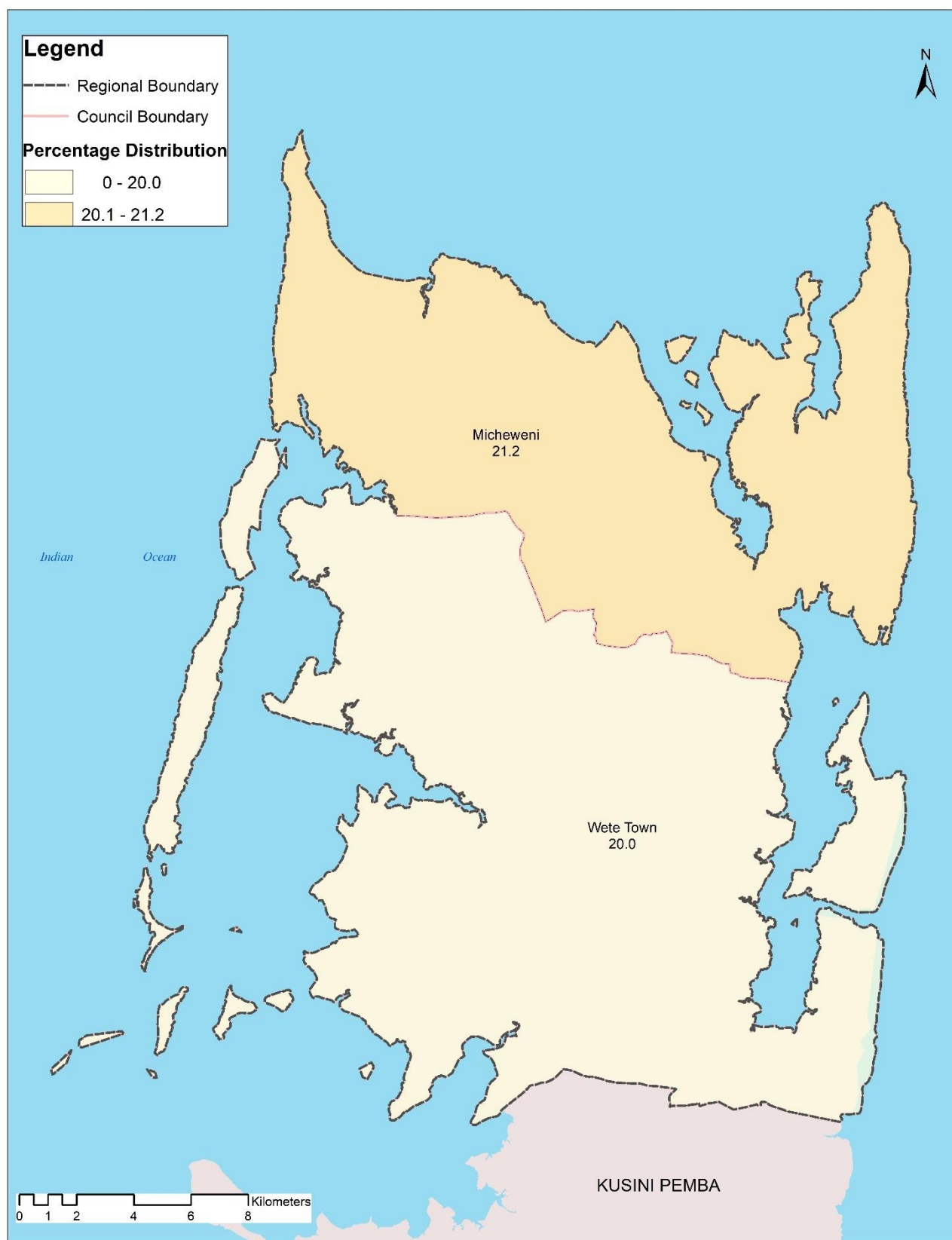
**Map 3.2: Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kaskazini Pemba Region, 2025**



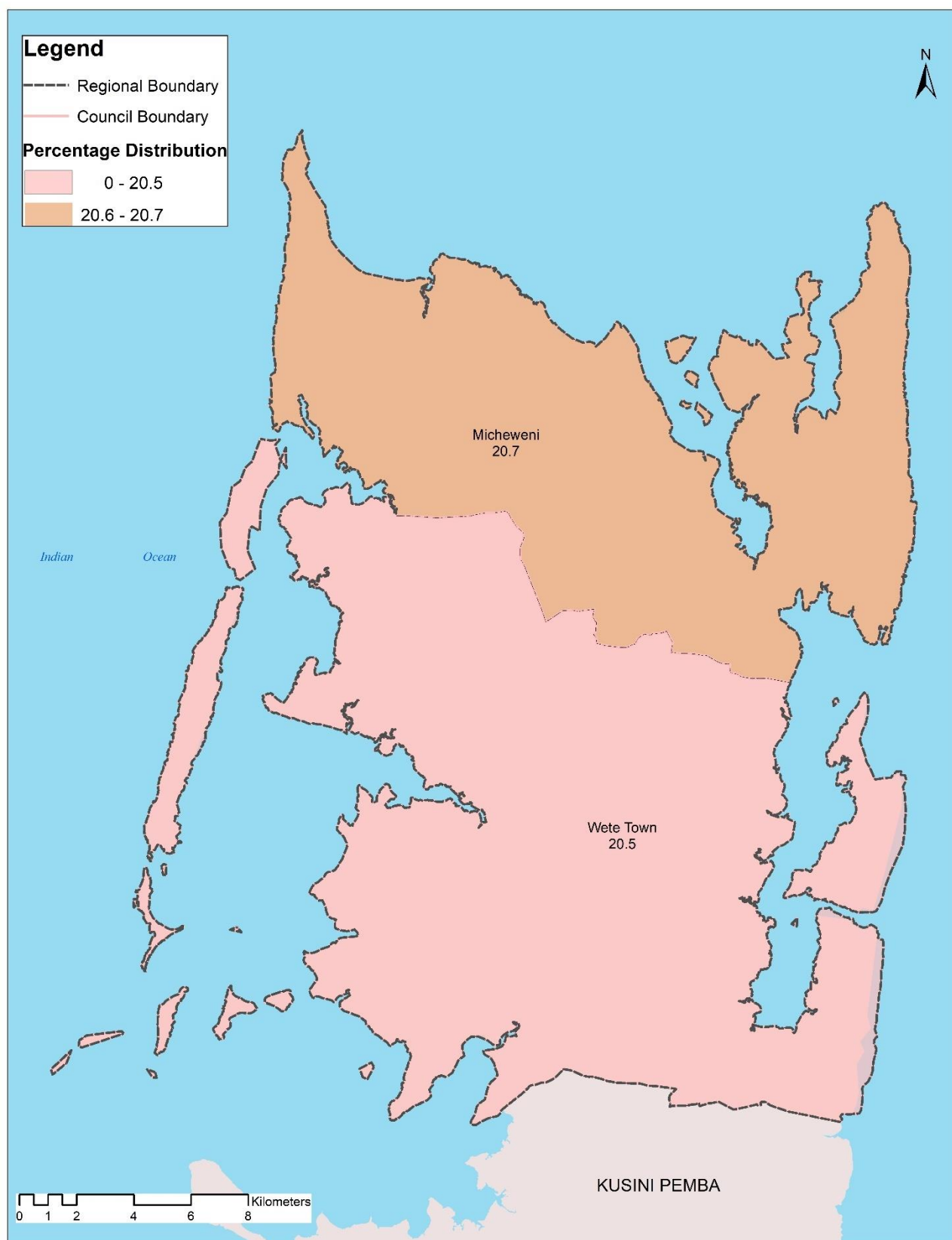
**Map 3.3: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kaskazini Pemba Region, 2025**



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

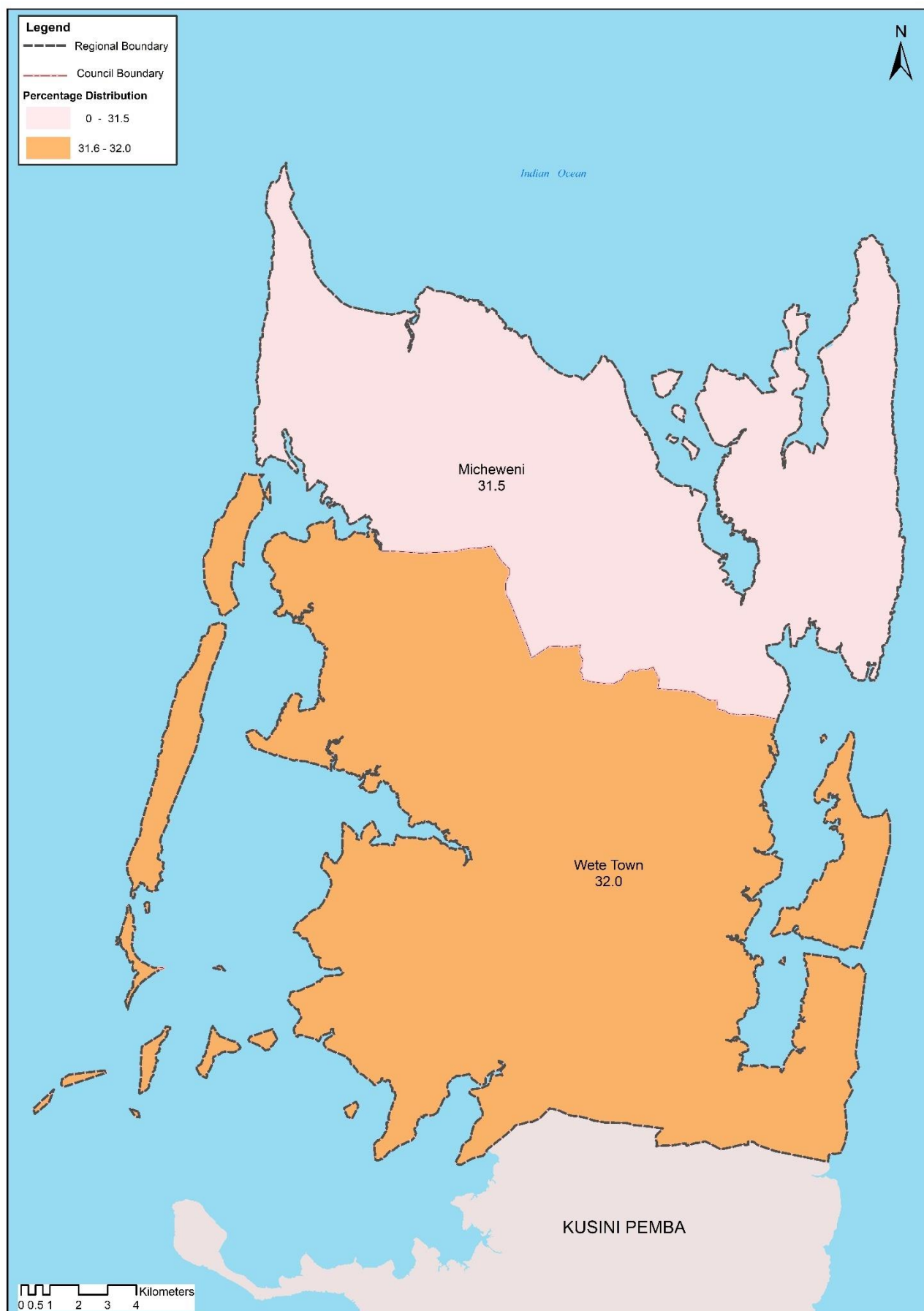


**Map 3.5: Percentage Distribution of Projected Population Aged 15 to 24 Years by Council; Kaskazini Pemba Region, 2025**

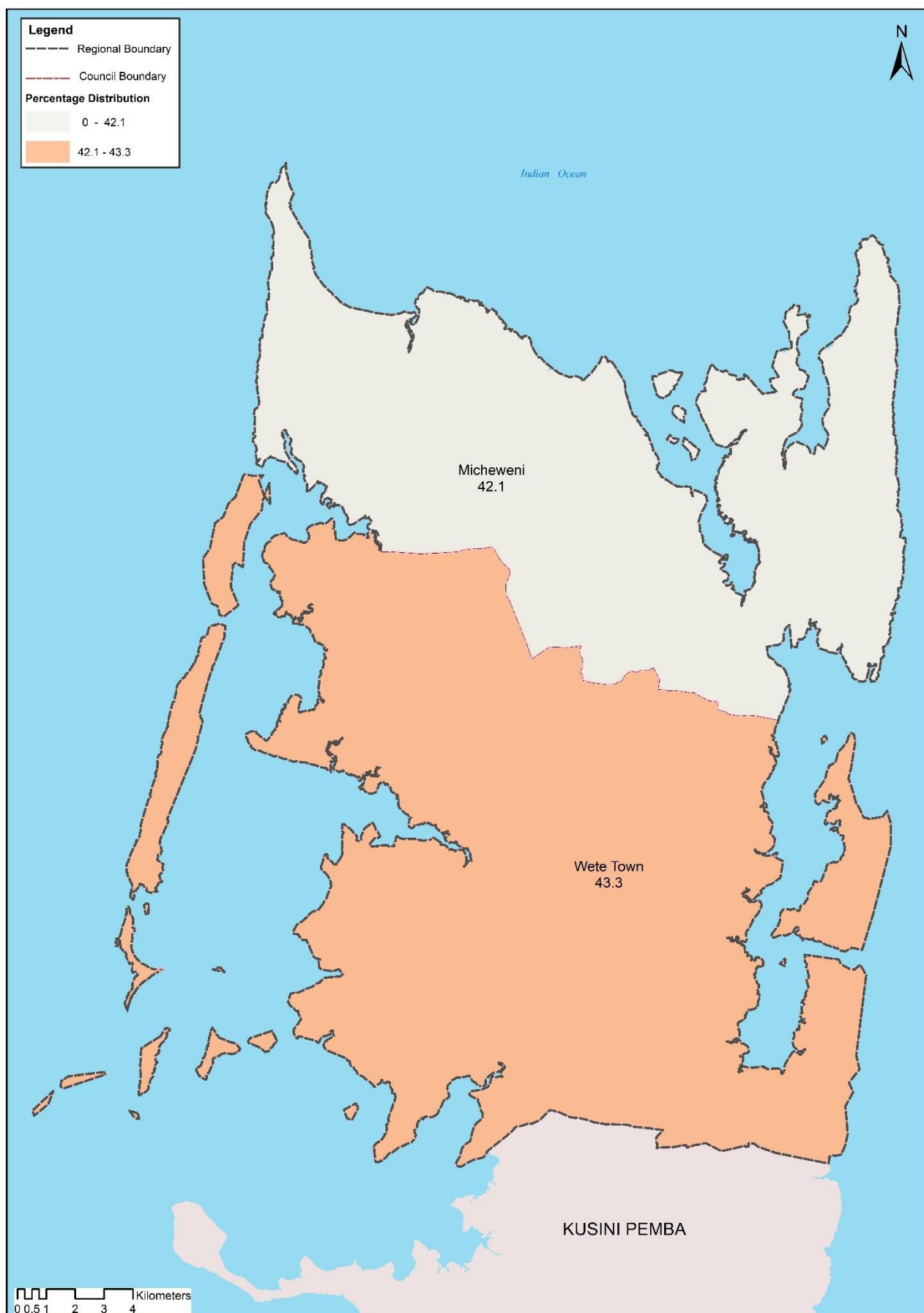




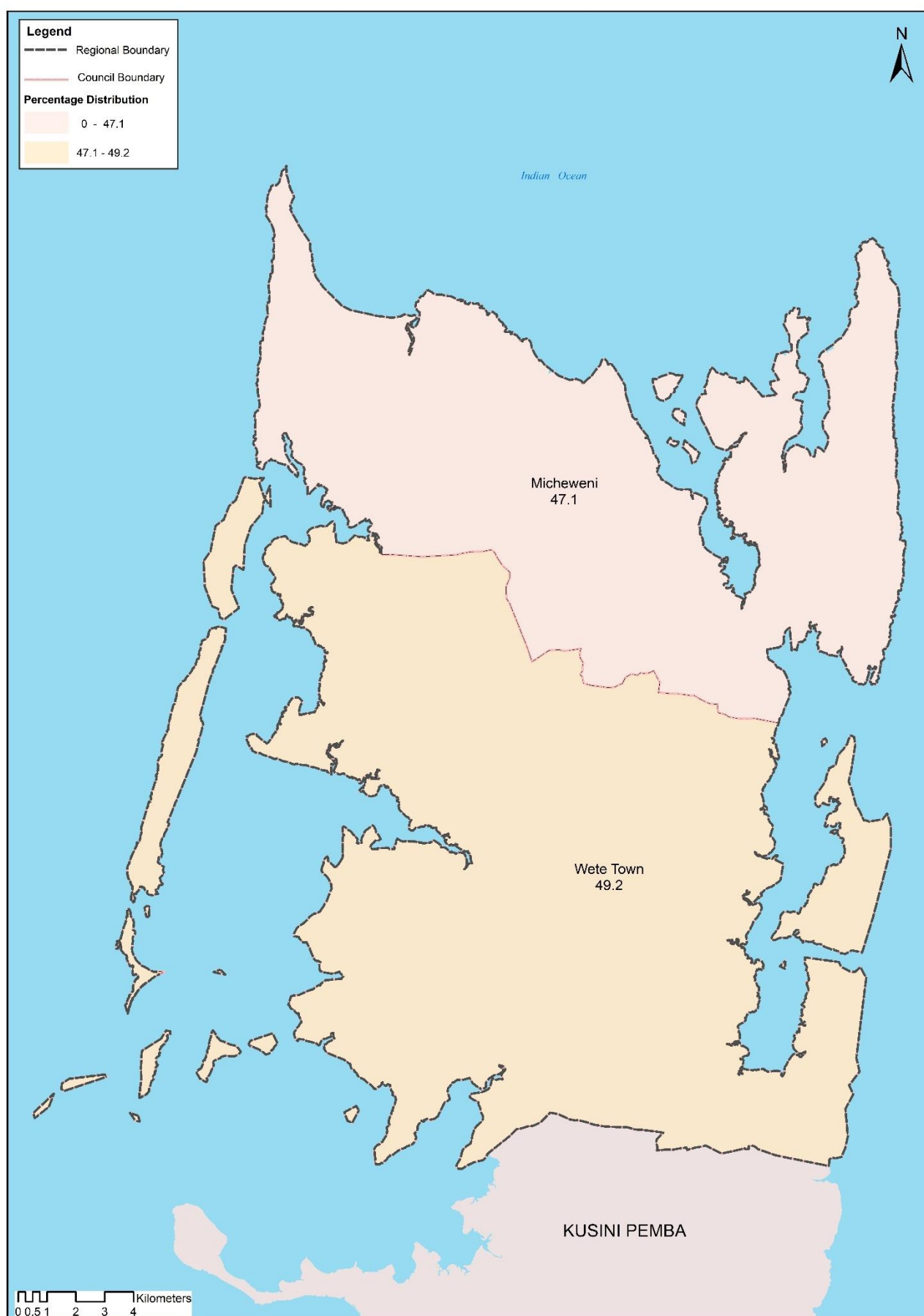
**Map 3.6: Percentage Distribution of Projected Population Aged 15 - 35 Years by Council; Kaskazini Pemba Region, 2025**



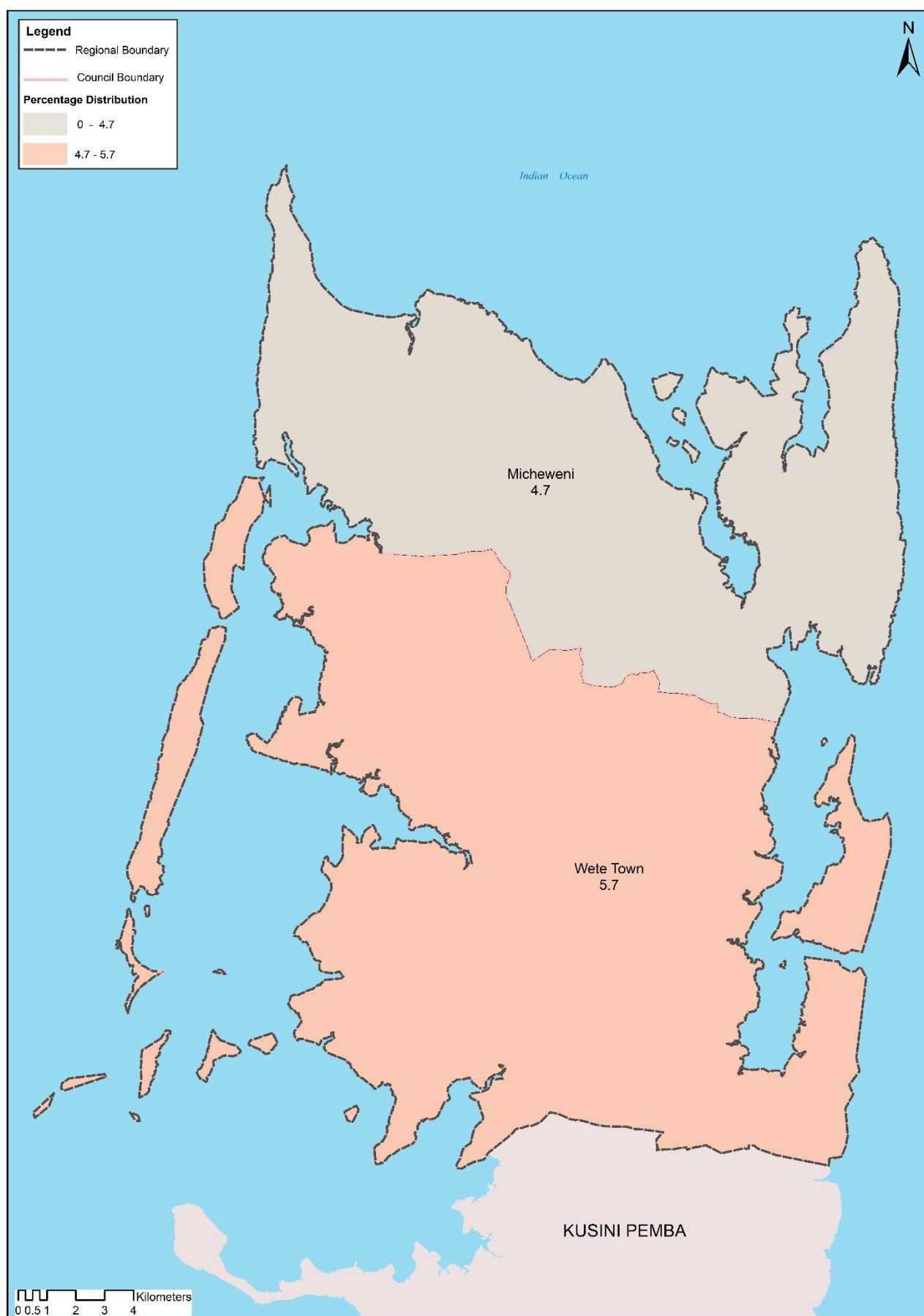
**Map 3.7: Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kaskazini Pemba Region, 2025**



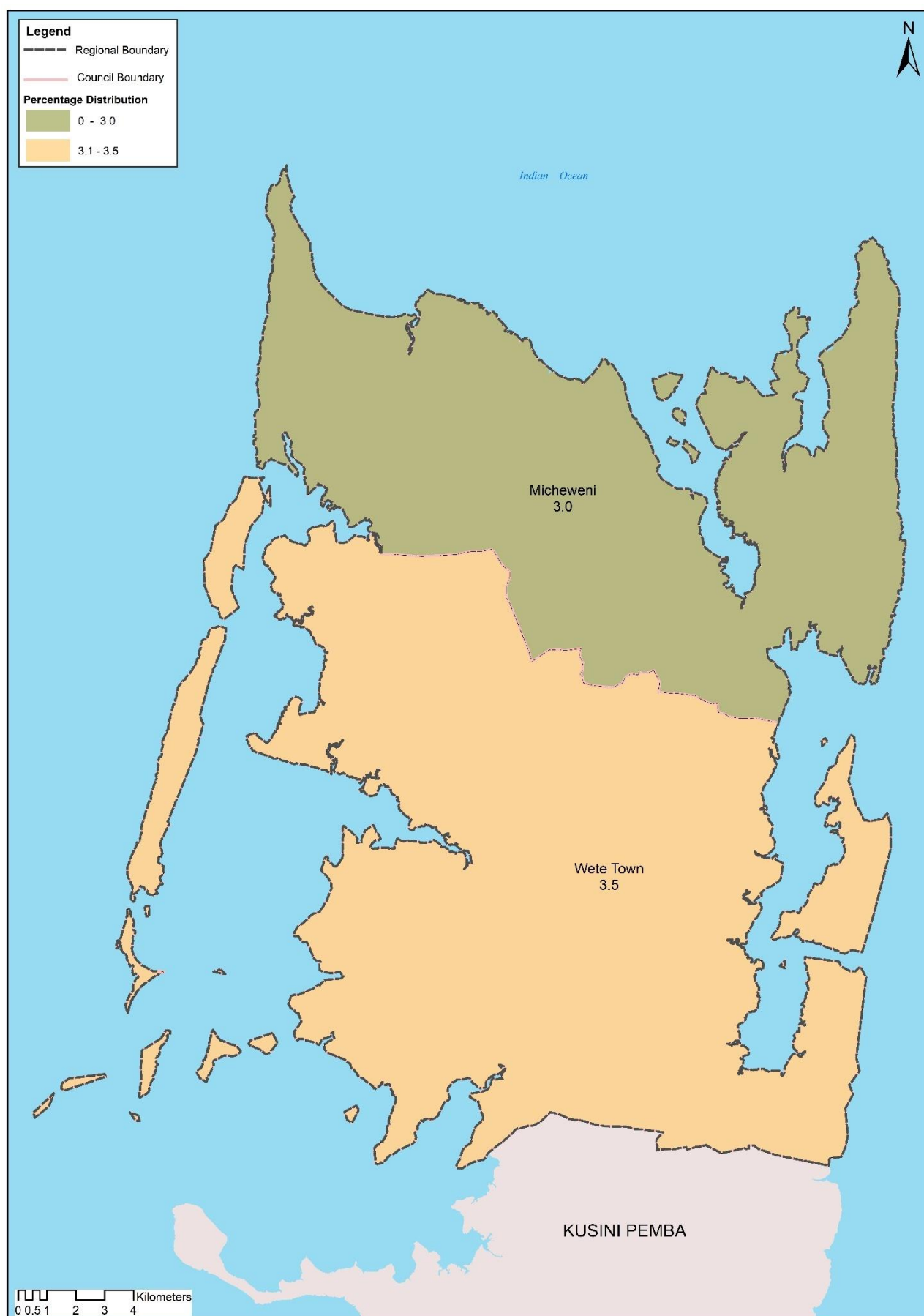
**Map 3.8: Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kaskazini Pemba Region, 2025**



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



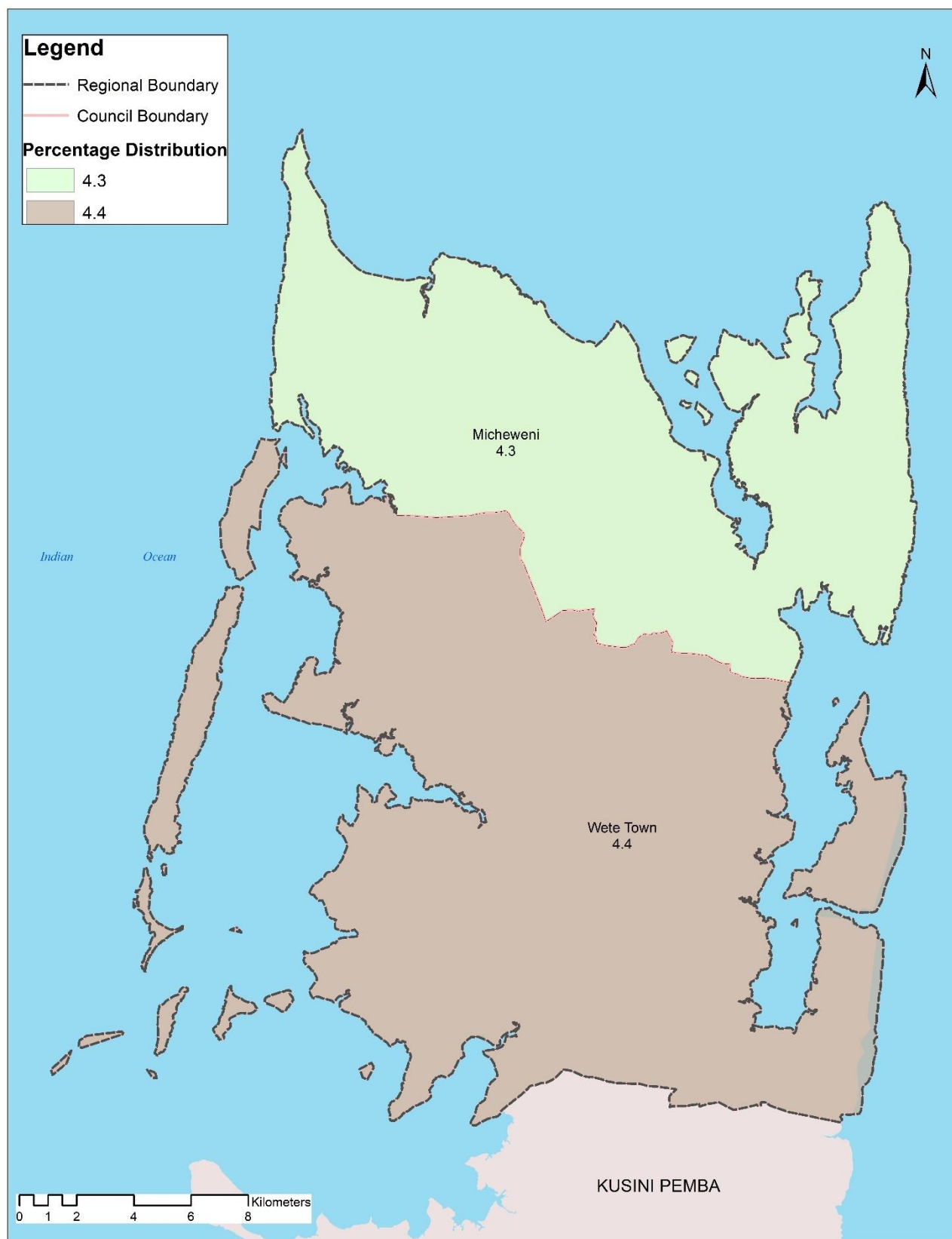
**Map 3.10: Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kaskazini Pemba Region, 2025**



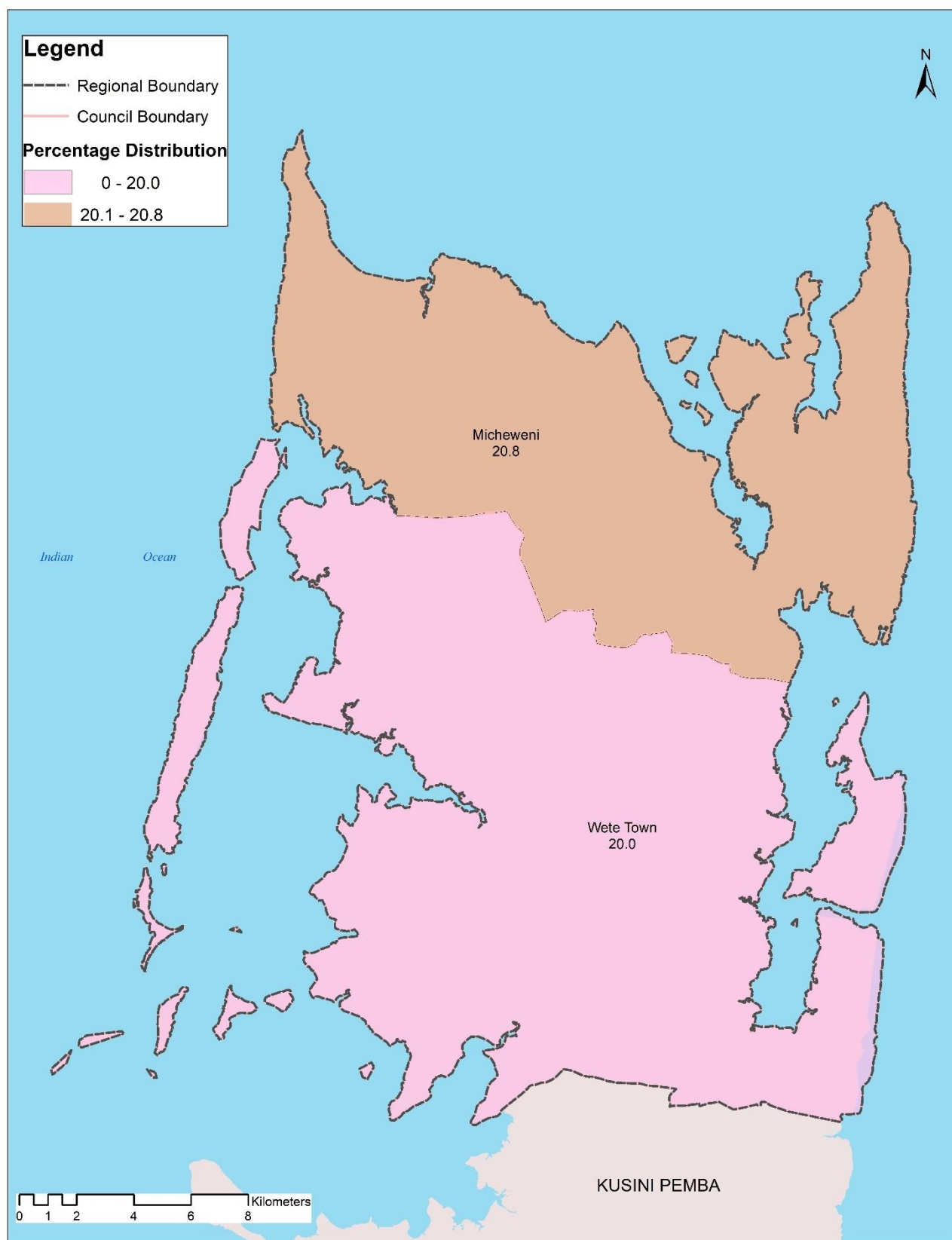


### 3.3 Thematic Maps on Selected Age Groups and Indicators for the Year 2030

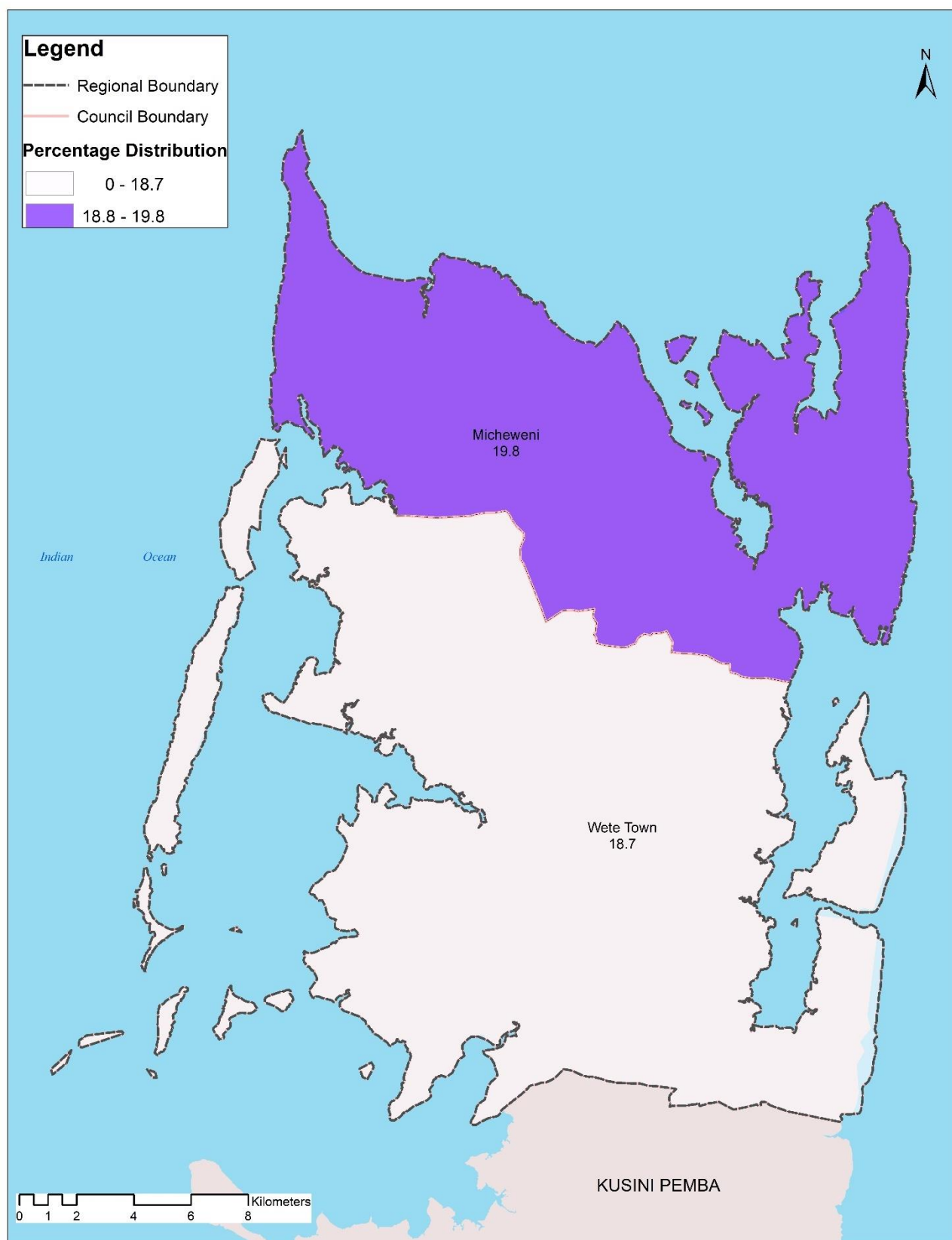
**Map 3.11: Percentage Distribution of Projected Population of Children below Age One by Council; Kaskazini Pemba Region, 2030**



**Map 3.12: Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kaskazini Pemba Region, 2030**

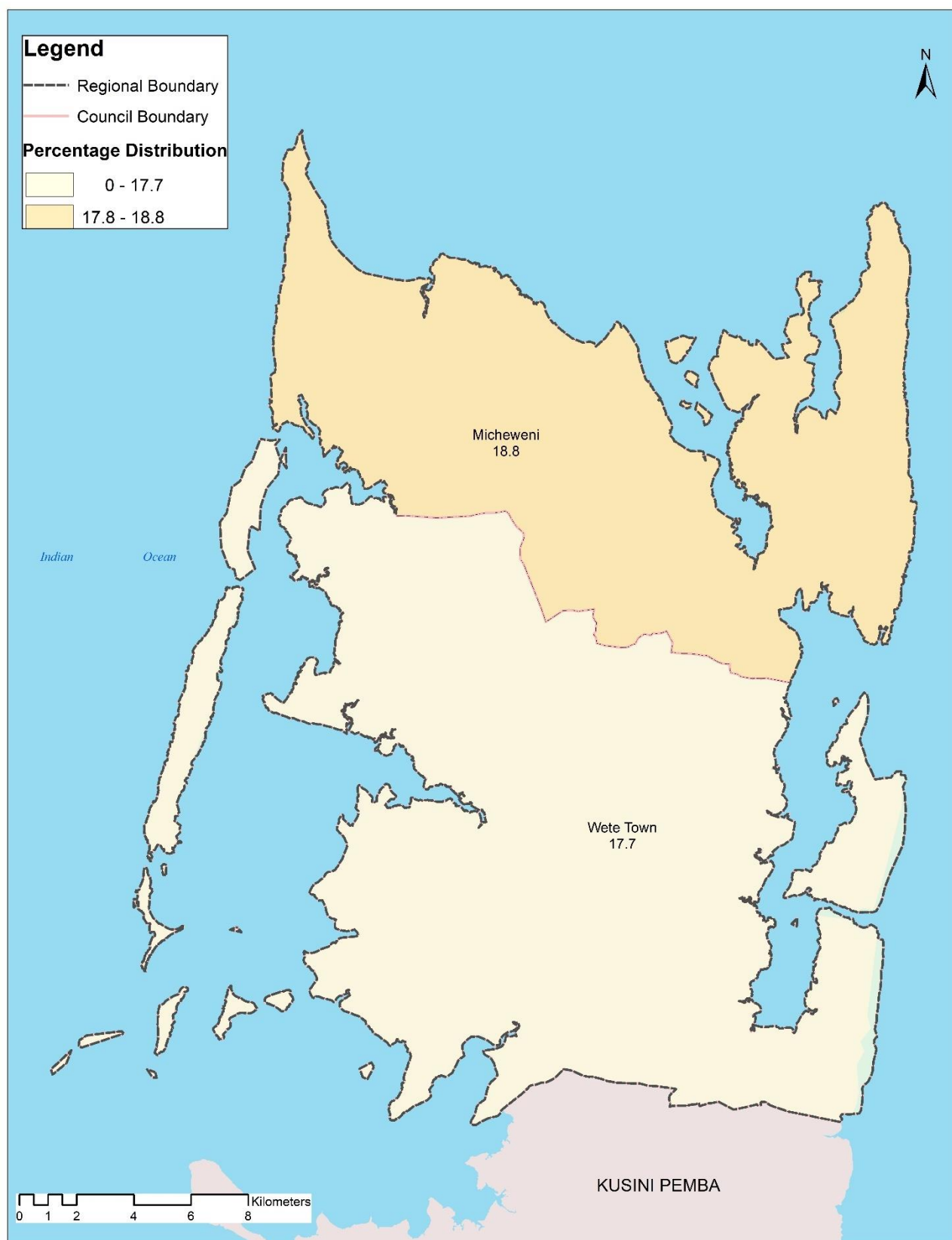


**Map 3.13: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kaskazini Pemba Region, 2030**

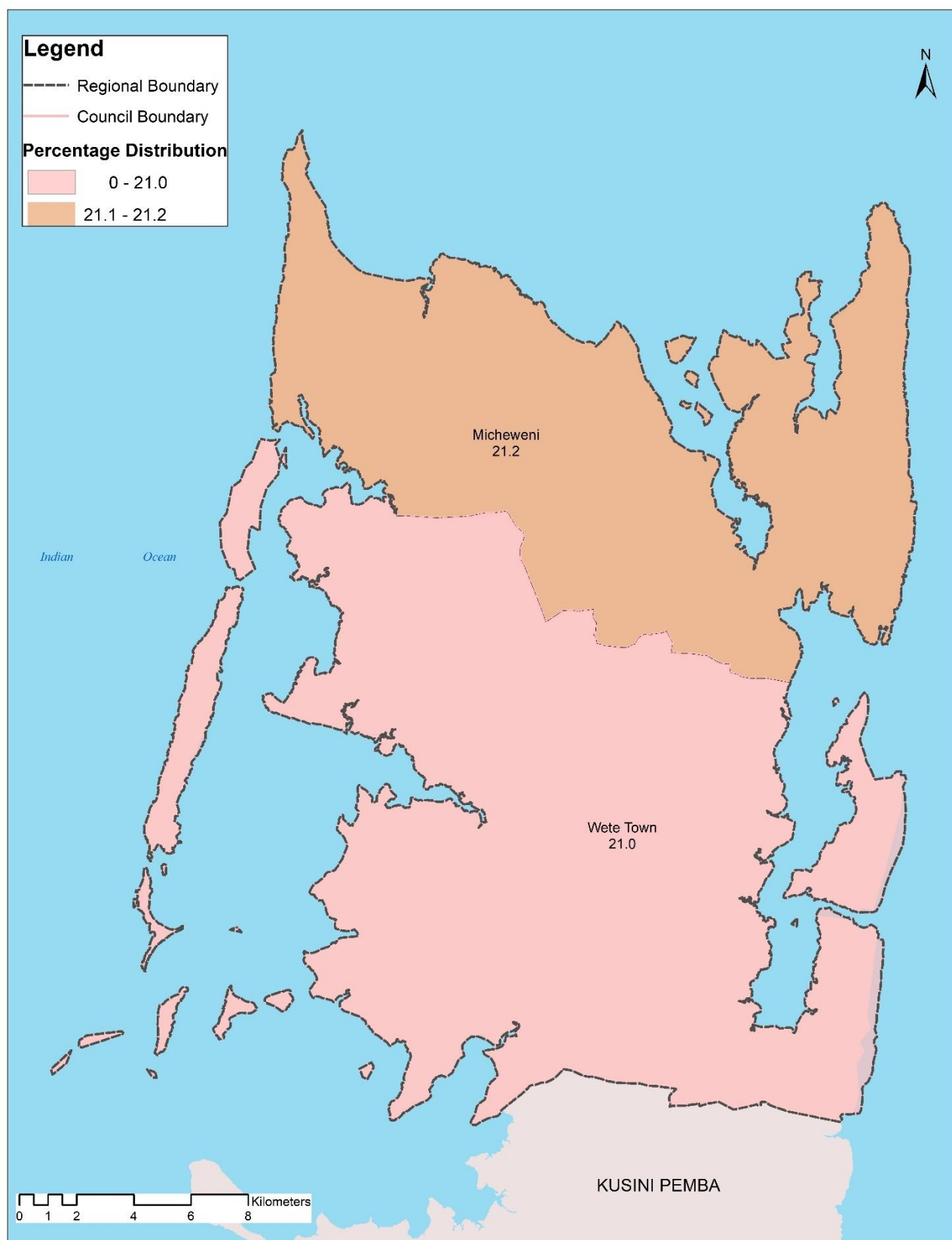




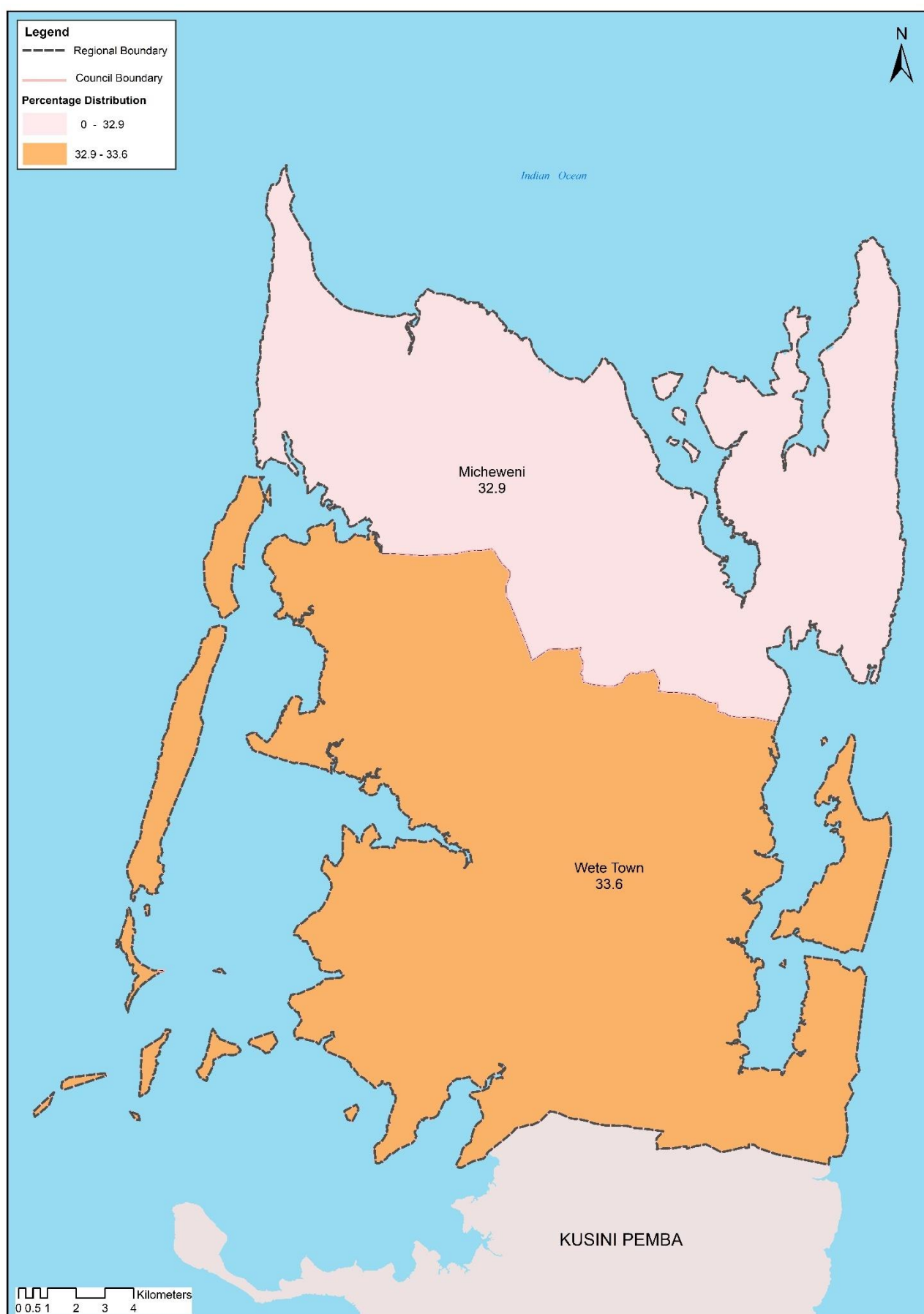
**Map 3.14: Percentage Distribution of Projected Population Aged 7 to 13 Years by Council; Kaskazini Pemba Region, 2030**



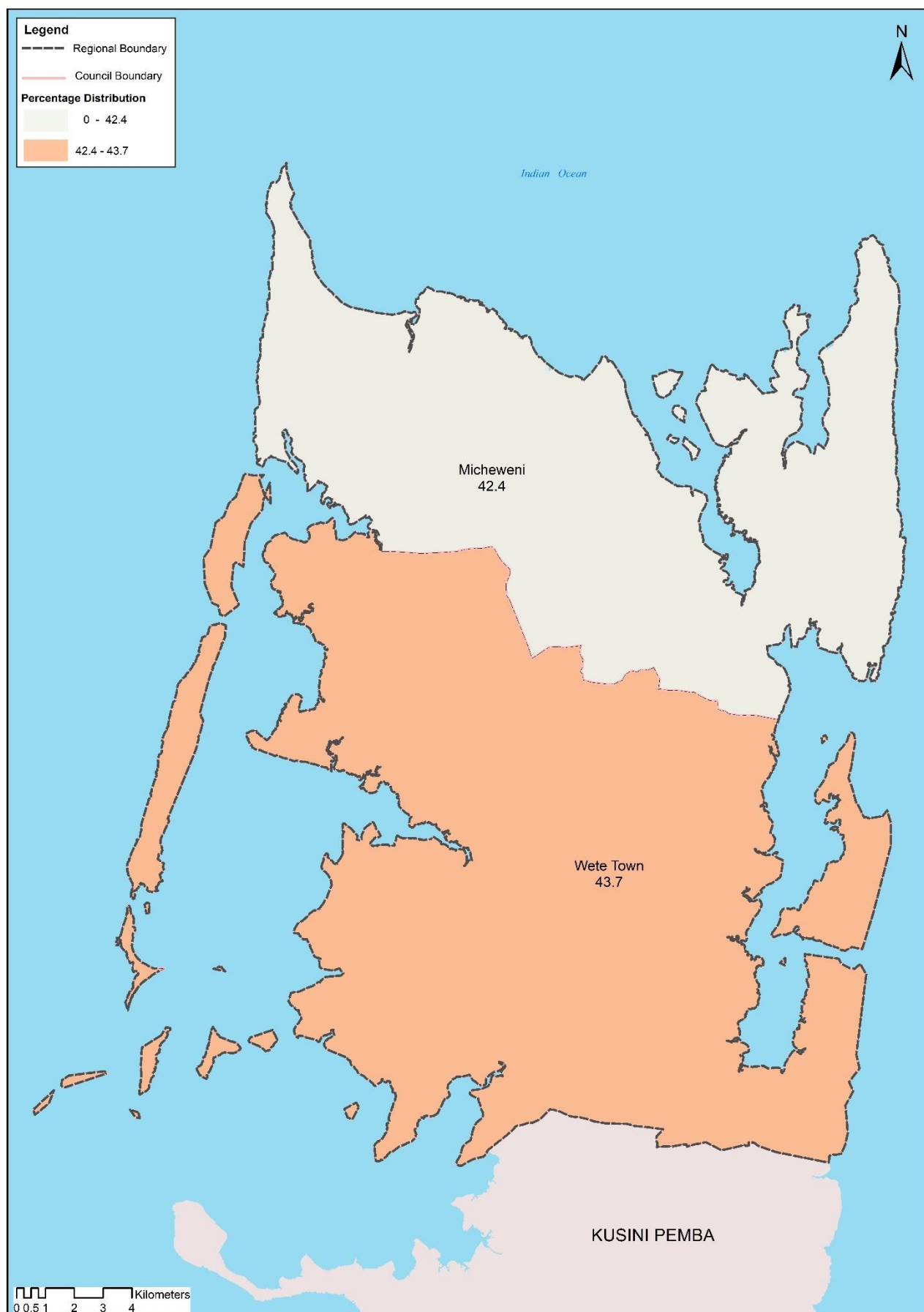
**Map 3.15: Percentage Distribution of Projected Population Aged 15 to 24 Years by Council; Kaskazini Pemba Region, 2030**



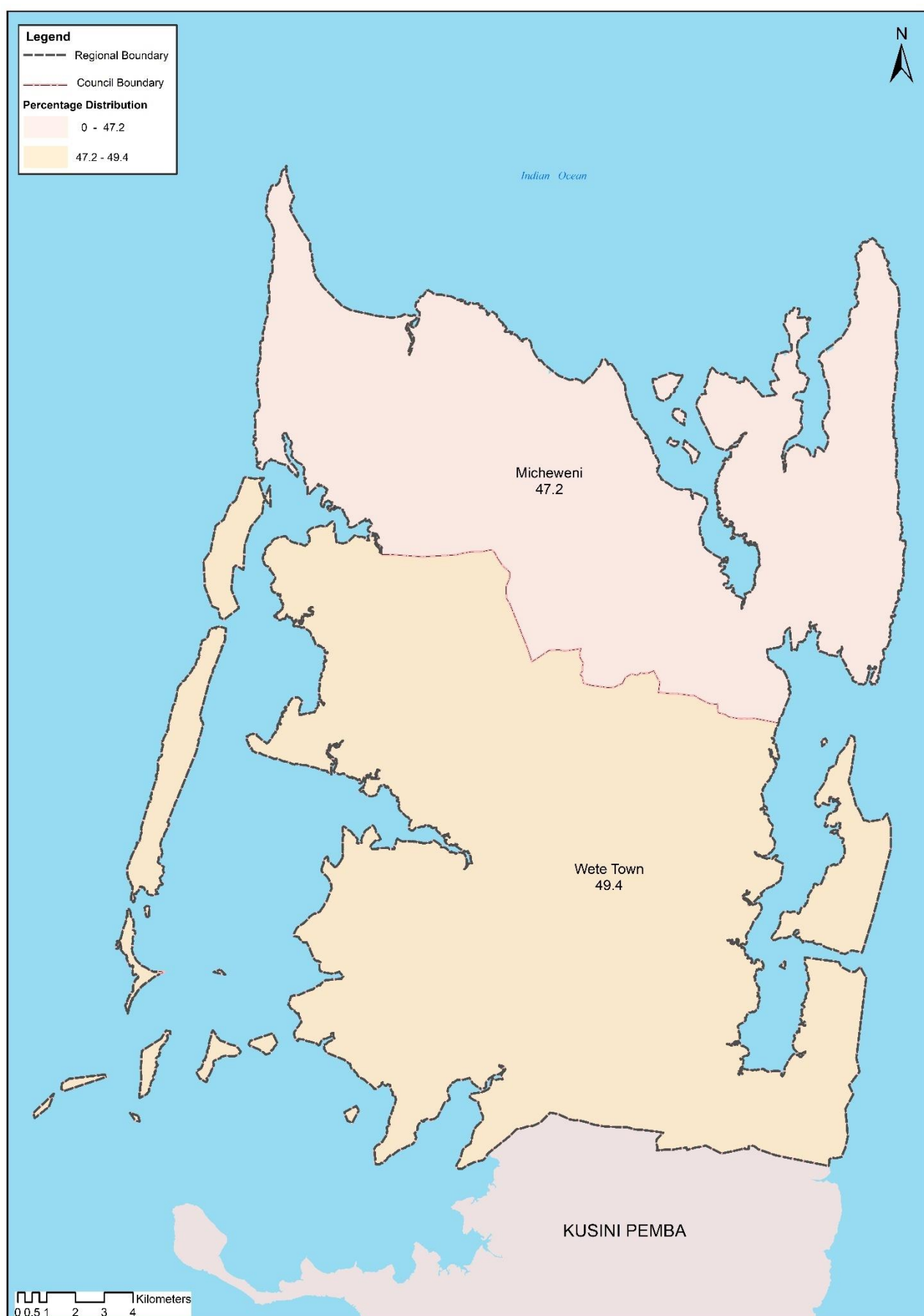
**Map 3.16: Percentage Distribution of Projected Population Aged 15 - 35 Years and Above by Council; Kaskazini Pemba Region, 2030**



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

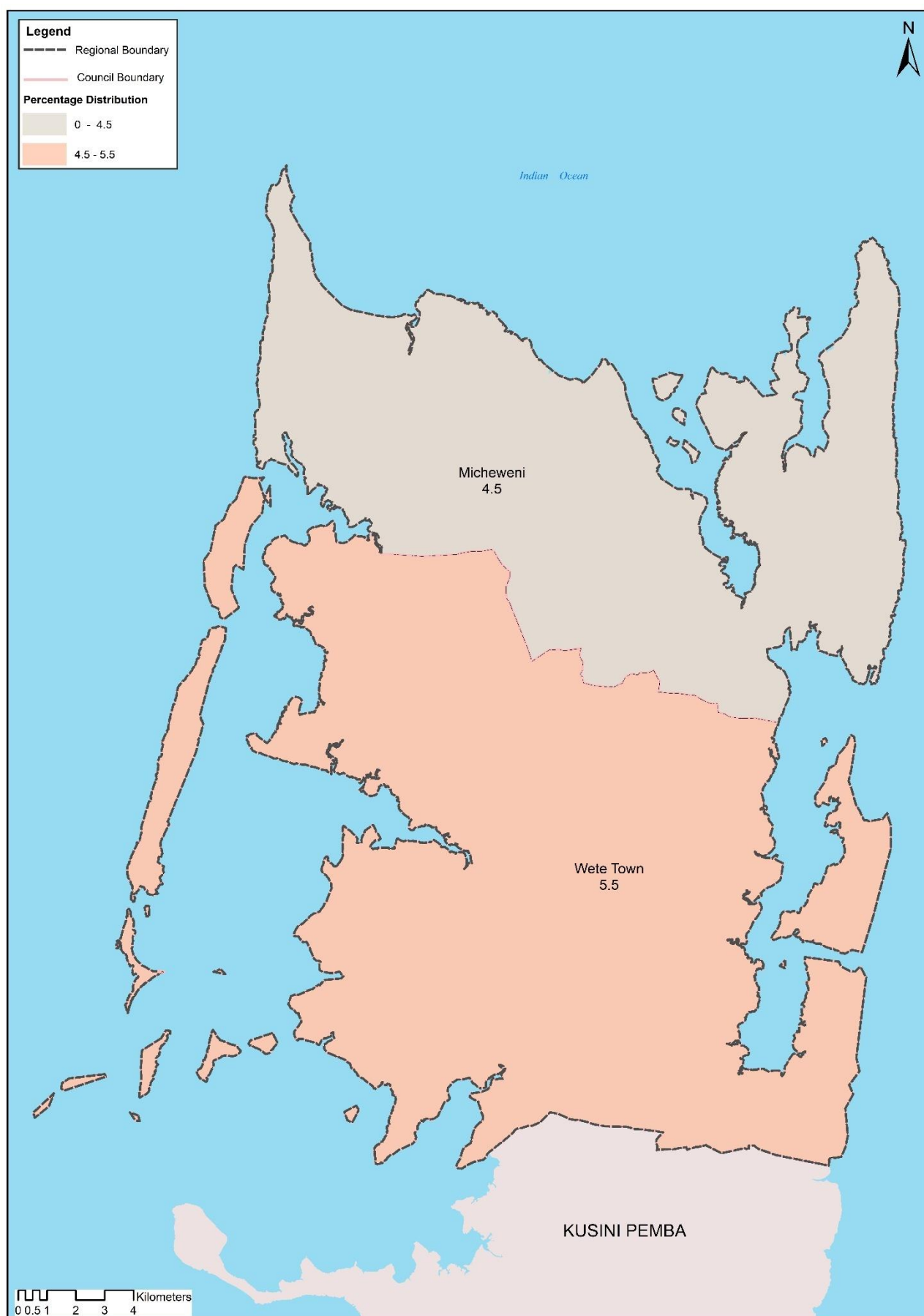


**Map 3.18: Percentage Distribution of Projected Population Aged 15 - 64 Years by Council; Kaskazini Pemba Region, 2030**

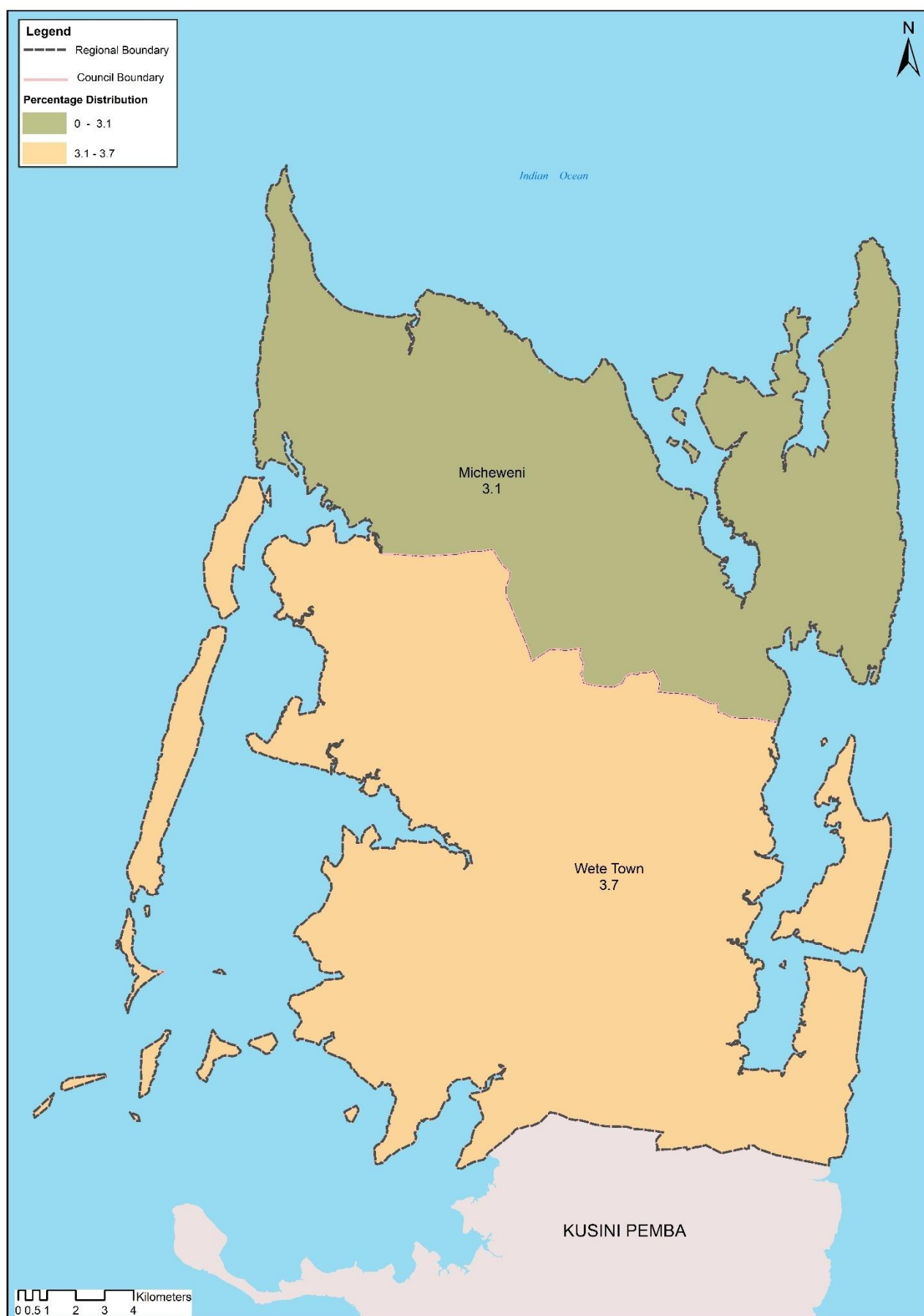




**Map 3.19: Percentage Distribution of Projected Population Aged 60 Years and Above by Council; Kaskazini Pemba Region, 2030**

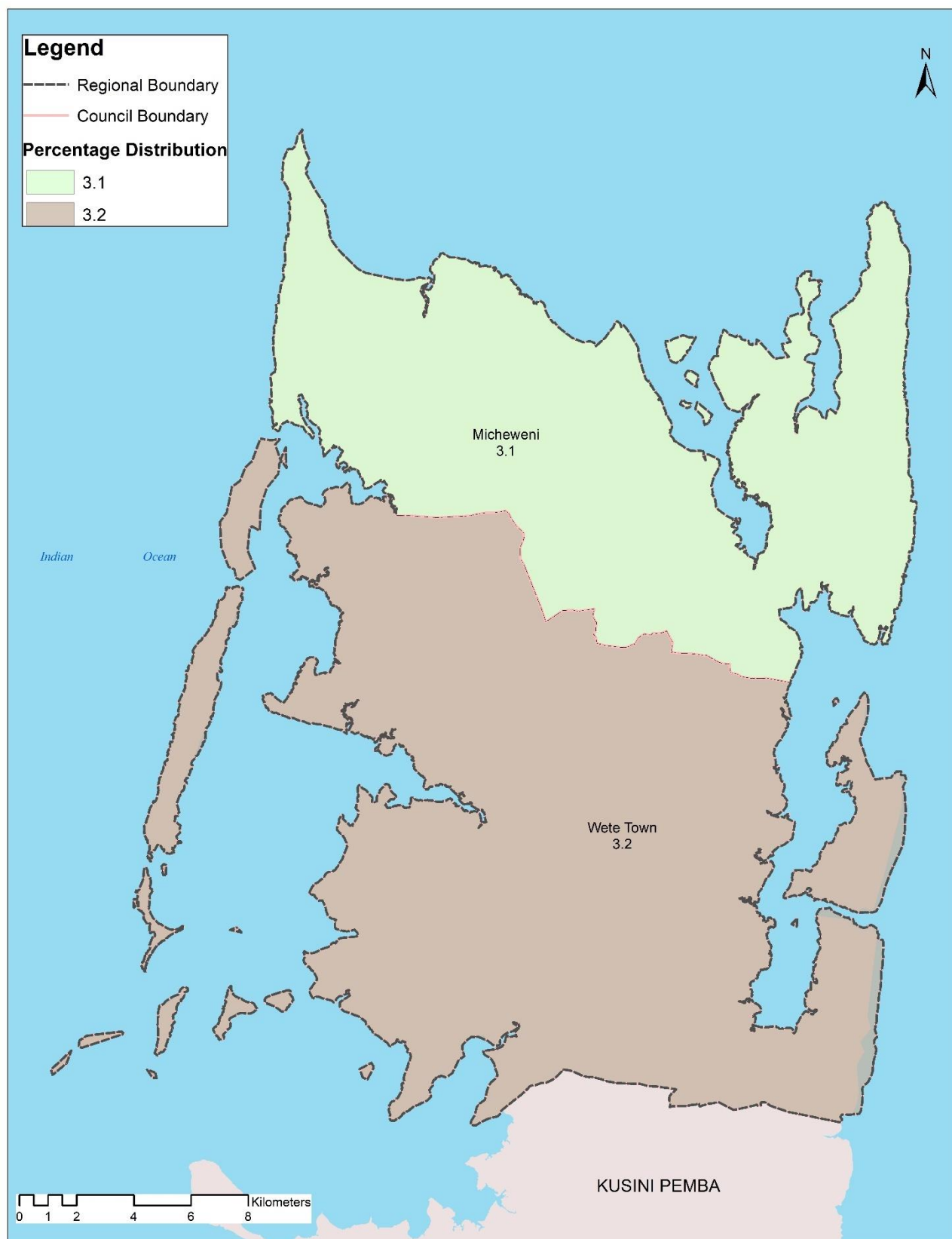


**Map 3.20: Percentage Distribution of Projected Population Aged 65 Years and Above by Council; Kaskazini Pemba Region, 2030**



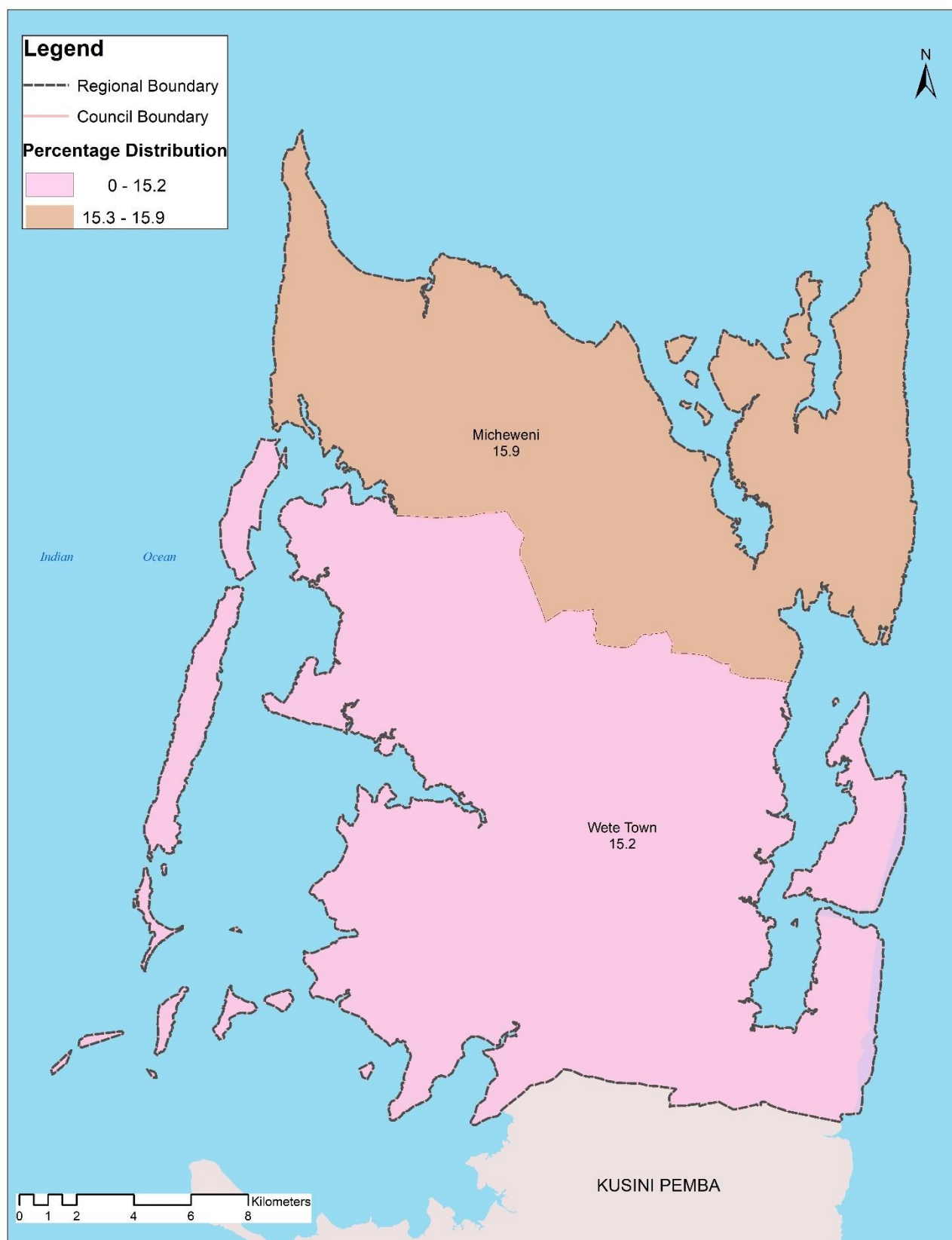
### 3.4 Thematic Maps on Selected Age Groups and Indicators for the Year 2050

**Map 3. 21: Percentage Distribution of Projected Population Children below Age One by Council; Kaskazini Pemba Region, 2050**

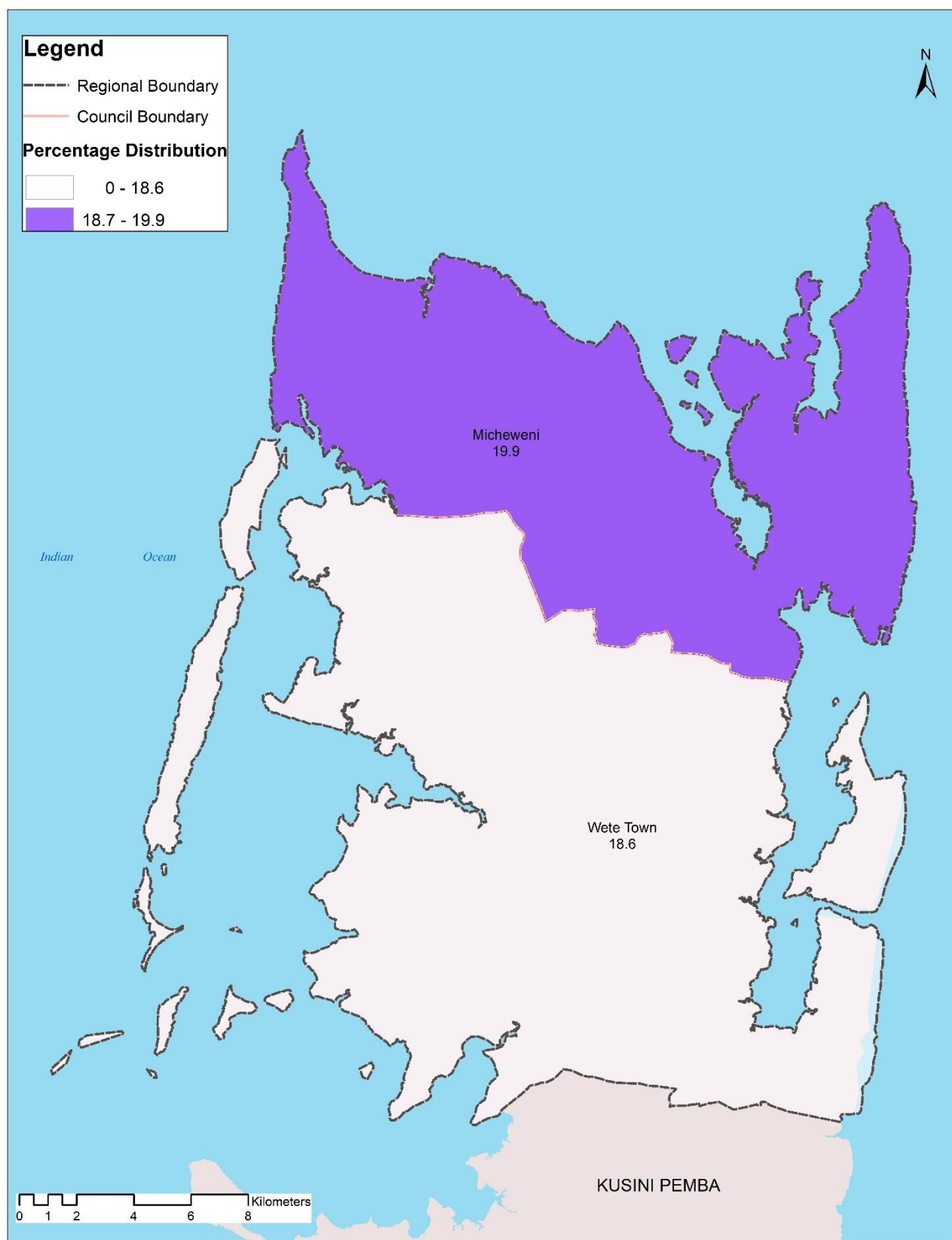




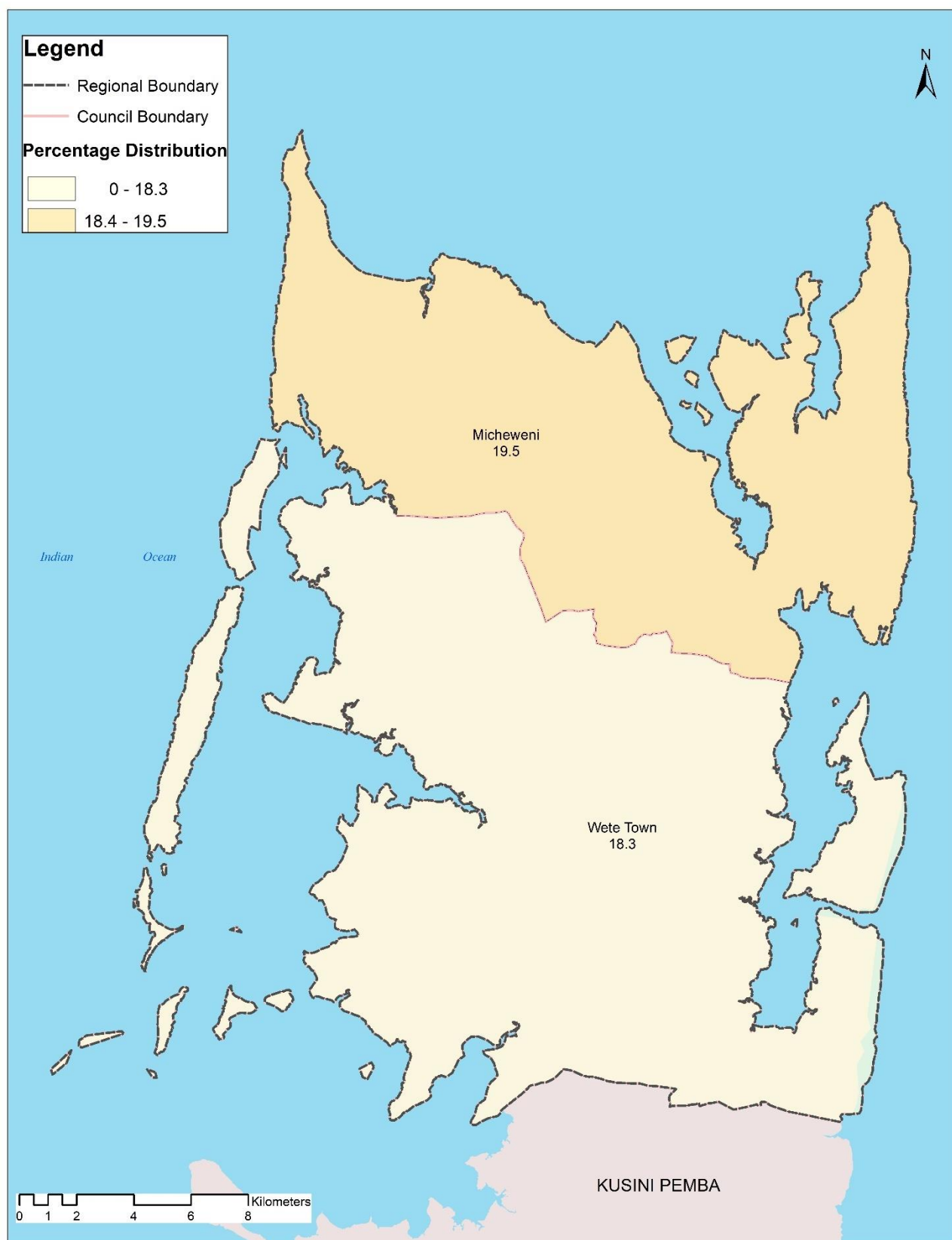
**Map 3.22: Percentage Distribution of Projected Population of Children Aged 0 to 4 Years by Council; Kaskazini Pemba Region, 2050**



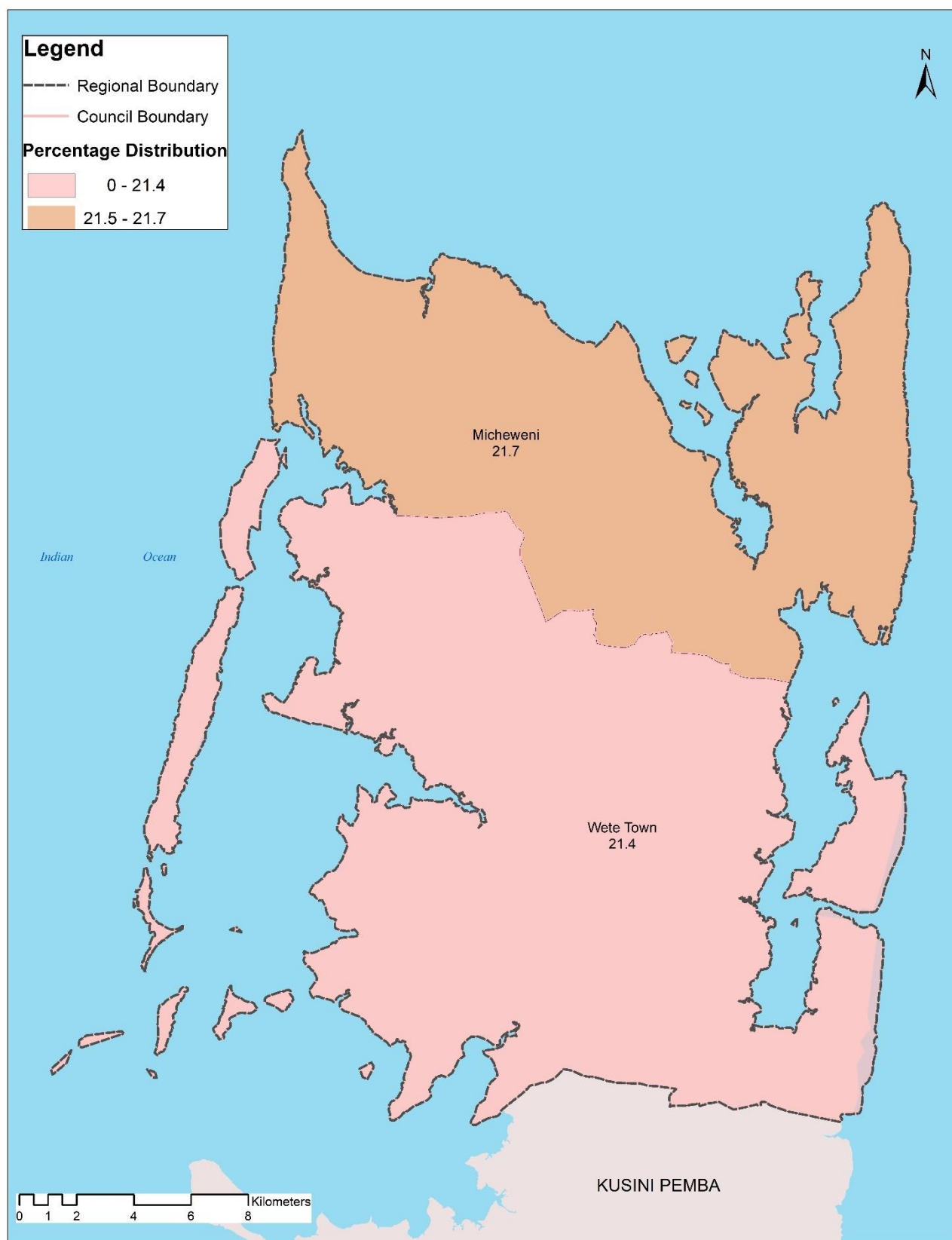
**Map 3.23: Percentage Distribution of Projected Population Aged 6 to 12 Years by Council; Kaskazini Pemba Region, 2050**



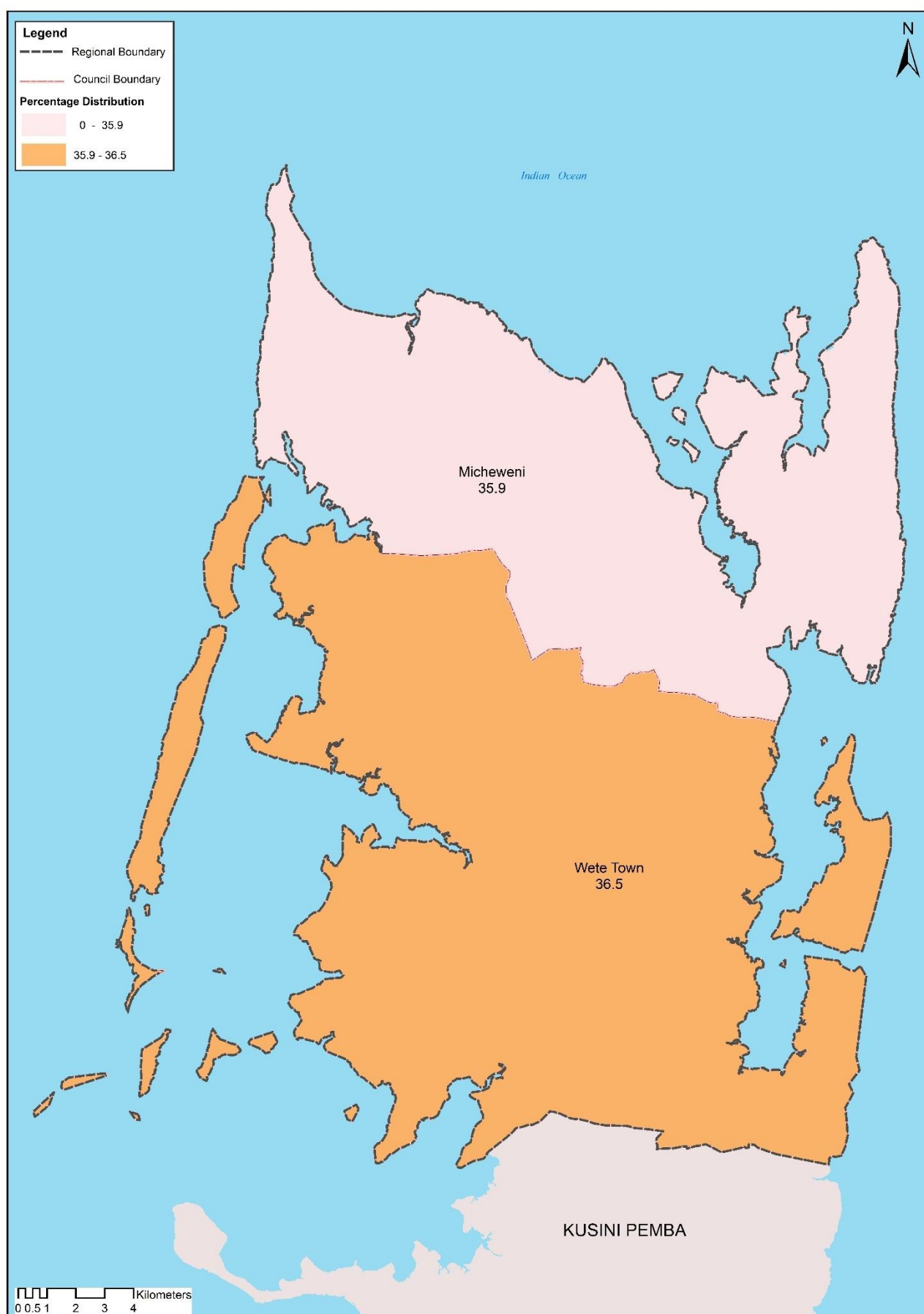
**Map 3. 24: Percentage Distribution of Projected Population Aged 7 to 13 Years by Council; Kaskazini Pemba Region, 2050**



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

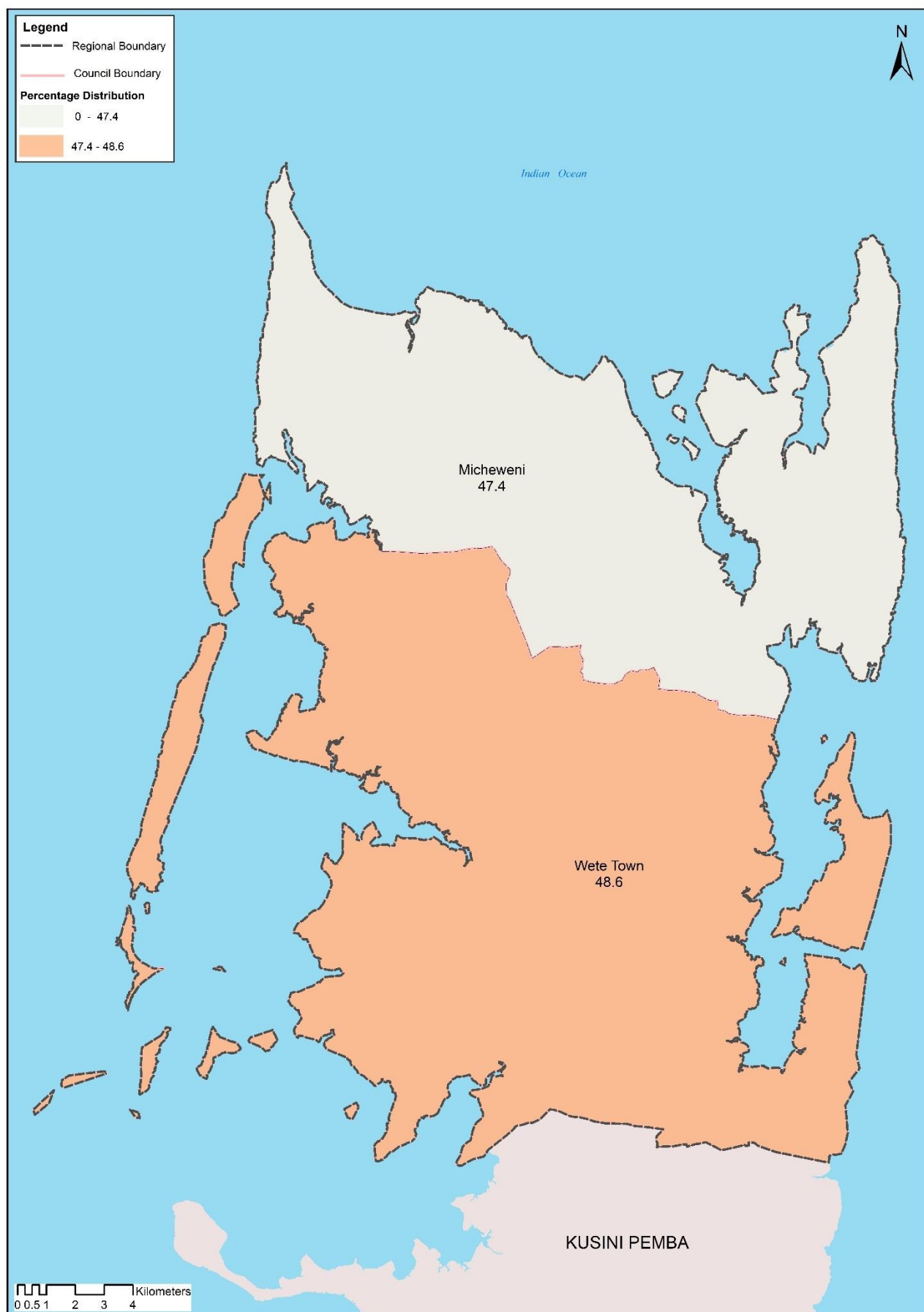


**Map 3.26: Percentage Distribution of Projected Population Aged 15 - 35 Years and Above by Council; Kaskazini Pemba Region, 2050**

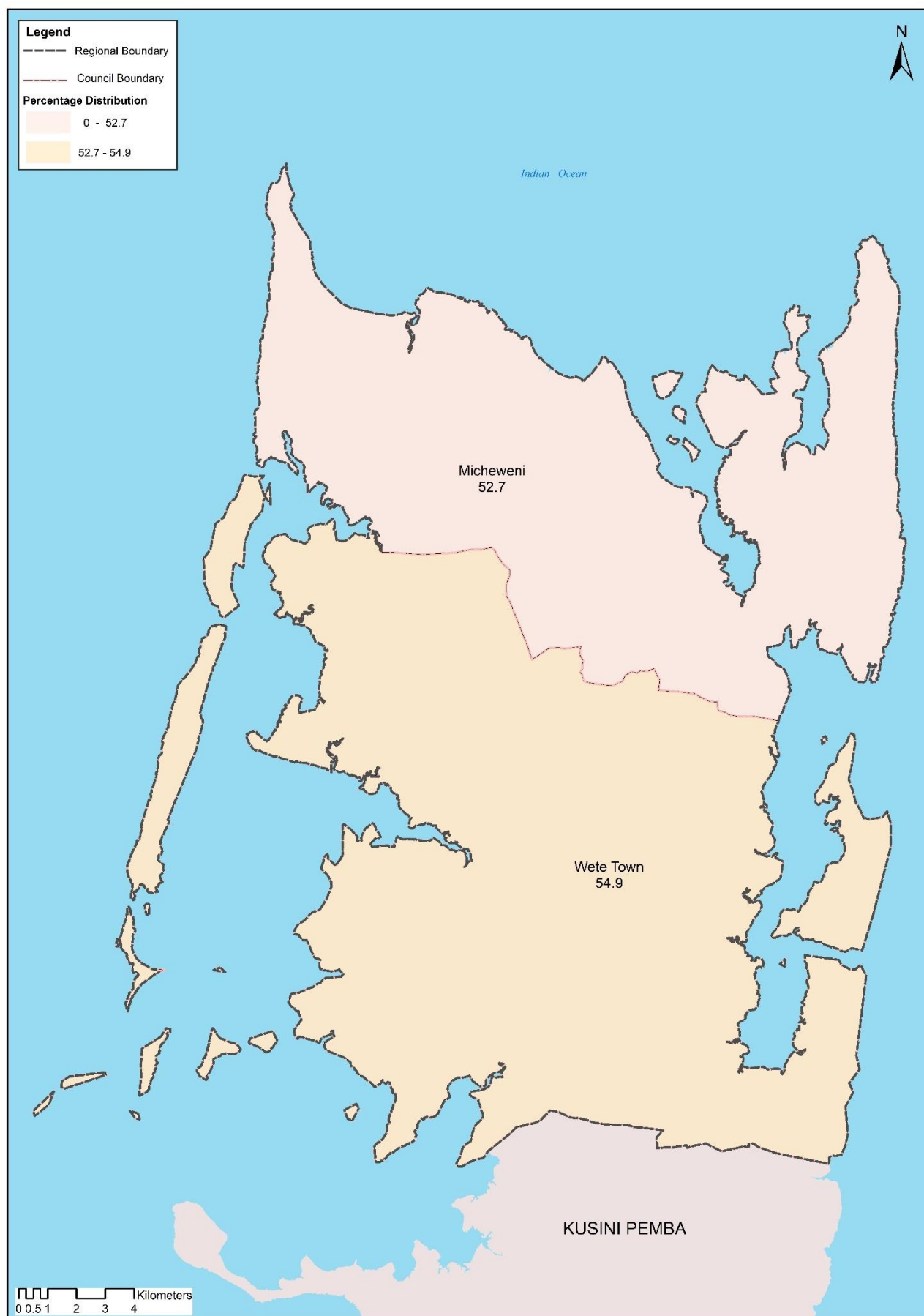




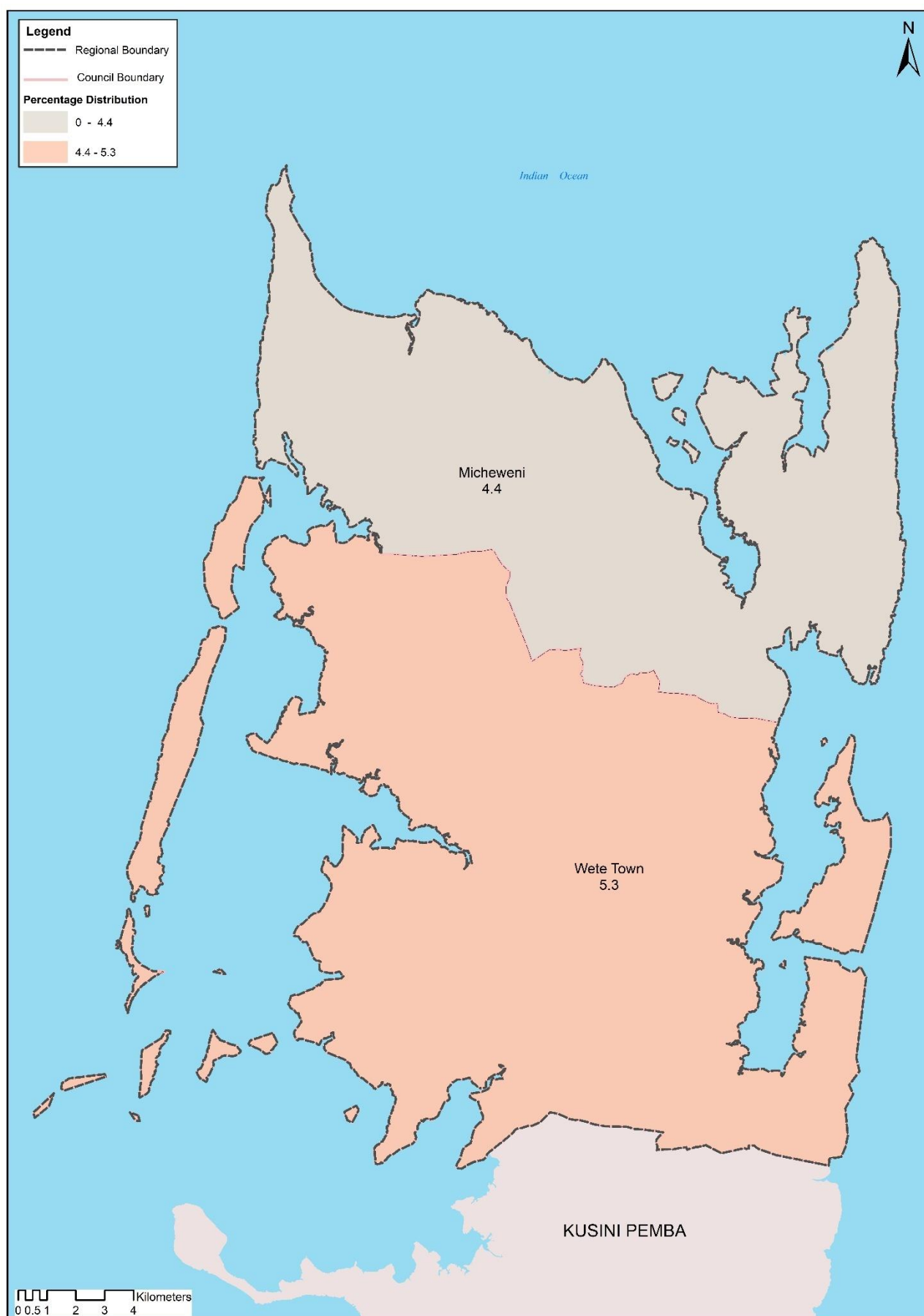
**Map 3.27 Percentage Distribution of Projected Female Population Aged 15 - 49 by Council; Kaskazini Pemba Region, 2050**



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



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





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



### 3.5 Kaskazini Pemba Region Population Projections Results

This section presents population projections for Kaskazini 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; Kaskazini Pemba Region, 2023-2050**

Year	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2023	284,963	138,865	146,098	223,932	109,465	114,467	61,031	29,400	31,631
2024	295,724	144,299	151,425	232,124	113,604	118,520	63,600	30,695	32,905
2025	306,849	149,913	156,936	240,588	117,875	122,713	66,261	32,038	34,223
2026	318,290	155,697	162,593	249,332	122,295	127,037	68,958	33,402	35,556
2027	330,141	161,676	168,465	258,393	126,875	131,518	71,748	34,801	36,947
2028	342,370	167,850	174,520	267,816	131,637	136,179	74,554	36,213	38,341
2029	354,980	174,212	180,768	277,556	136,554	141,002	77,424	37,658	39,766
2030	367,949	180,747	187,202	287,599	141,615	145,984	80,350	39,132	41,218
2031	381,308	187,483	193,825	298,001	146,860	151,141	83,307	40,623	42,684
2032	394,990	194,373	200,617	308,658	152,225	156,433	86,332	42,148	44,184
2033	408,972	201,420	207,552	319,624	157,760	161,864	89,348	43,660	45,688
2034	423,275	208,623	214,652	330,876	163,429	167,447	92,399	45,194	47,205
2035	437,823	215,948	221,875	342,297	169,187	173,110	95,526	46,761	48,765
2036	452,599	223,390	229,209	353,941	175,052	178,889	98,658	48,338	50,320
2037	467,548	230,928	236,620	365,686	180,979	184,707	101,862	49,949	51,913
2038	482,684	238,554	244,130	377,610	186,992	190,618	105,074	51,562	53,512
2039	498,093	246,326	251,767	389,755	193,120	196,635	108,338	53,206	55,132
2040	513,785	254,223	259,562	402,148	199,366	202,782	111,637	54,857	56,780
2041	529,679	262,243	267,436	414,697	205,703	208,994	114,982	56,540	58,442
2042	545,769	270,361	275,408	427,377	212,110	215,267	118,392	58,251	60,141
2043	562,013	278,562	283,451	440,206	218,590	221,616	121,807	59,972	61,835
2044	578,444	286,851	291,593	453,168	225,138	228,030	125,276	61,713	63,563
2045	595,053	295,233	299,820	466,306	231,775	234,531	128,747	63,458	65,289
2046	611,789	303,695	308,094	479,549	238,476	241,073	132,240	65,219	67,021
2047	628,640	312,218	316,422	492,933	245,248	247,685	135,707	66,970	68,737
2048	645,566	320,774	324,792	506,340	252,028	254,312	139,226	68,746	70,480
2049	662,545	329,364	333,181	519,798	258,843	260,955	142,747	70,521	72,226
2050	679,608	337,997	341,611	533,377	265,712	267,665	146,231	72,285	73,946

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>284,963</b>	<b>138,865</b>	<b>146,098</b>	<b>223,932</b>	<b>109,465</b>	<b>114,467</b>	<b>61,031</b>	<b>29,400</b>	<b>31,631</b>
0 - 4	50,792	25,652	25,140	40,694	20,594	20,100	10,098	5,058	5,040
5 - 9	46,783	24,014	22,769	37,585	19,319	18,266	9,198	4,695	4,503
10 -14	41,376	21,416	19,960	33,165	17,254	15,911	8,211	4,162	4,049
15-19	33,546	16,799	16,747	26,319	13,271	13,048	7,227	3,528	3,699
20-24	22,189	10,093	12,096	16,930	7,752	9,178	5,259	2,341	2,918
25-29	15,853	7,110	8,743	12,058	5,403	6,655	3,795	1,707	2,088
30-34	14,114	6,354	7,760	10,871	4,913	5,958	3,243	1,441	1,802
35-39	12,432	5,426	7,006	9,602	4,181	5,421	2,830	1,245	1,585
40-44	10,333	4,783	5,550	7,958	3,631	4,327	2,375	1,152	1,223
45-49	9,000	3,907	5,093	6,918	2,966	3,952	2,082	941	1,141
50-54	7,846	3,479	4,367	5,899	2,625	3,274	1,947	854	1,093
55-59	6,674	2,910	3,764	5,130	2,249	2,881	1,544	661	883
60-64	4,962	2,663	2,299	3,685	1,980	1,705	1,277	683	594
65-69	3,492	1,644	1,848	2,738	1,252	1,486	754	392	362
70-74	2,257	1,233	1,024	1,734	950	784	523	283	240
75-79	1,906	791	1,115	1,519	637	882	387	154	233
80+	1,408	591	817	1,127	488	639	281	103	178

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>295,724</b>	<b>144,299</b>	<b>151,425</b>	<b>232,124</b>	<b>113,604</b>	<b>118,520</b>	<b>63,600</b>	<b>30,695</b>	<b>32,905</b>
0 - 4	54,374	27,429	26,945	43,437	21,952	21,485	10,937	5,477	5,460
5 - 9	46,819	23,972	22,847	37,526	19,233	18,293	9,293	4,739	4,554
10 -14	42,034	21,766	20,268	33,674	17,492	16,182	8,360	4,274	4,086
15-19	35,833	18,032	17,801	28,240	14,315	13,925	7,593	3,717	3,876
20-24	23,829	11,244	12,585	18,230	8,690	9,540	5,599	2,554	3,045
25-29	16,846	7,404	9,442	12,726	5,584	7,142	4,120	1,820	2,300
30-34	14,211	6,354	7,857	10,944	4,881	6,063	3,267	1,473	1,794
35-39	12,994	5,696	7,298	10,013	4,397	5,616	2,981	1,299	1,682
40-44	10,624	4,935	5,689	8,168	3,765	4,403	2,456	1,170	1,286
45-49	9,424	4,063	5,361	7,264	3,070	4,194	2,160	993	1,167
50-54	7,489	3,331	4,158	5,638	2,527	3,111	1,851	804	1,047
55-59	6,841	2,920	3,921	5,226	2,227	2,999	1,615	693	922
60-64	5,174	2,720	2,454	3,862	2,034	1,828	1,312	686	626
65-69	3,861	1,908	1,953	2,967	1,444	1,523	894	464	430
70-74	2,144	1,151	993	1,644	884	760	500	267	233
75-79	1,863	801	1,062	1,476	640	836	387	161	226
80+	1,364	573	791	1,089	469	620	275	104	171

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>306,849</b>	<b>149,913</b>	<b>156,936</b>	<b>240,588</b>	<b>117,875</b>	<b>122,713</b>	<b>66,261</b>	<b>32,038</b>	<b>34,223</b>
0 - 4	58,483	29,455	29,028	46,590	23,489	23,101	11,893	5,966	5,927
5 - 9	47,108	24,127	22,981	37,789	19,403	18,386	9,319	4,724	4,595
10 -14	43,070	22,157	20,913	34,314	17,666	16,648	8,756	4,491	4,265
15-19	37,004	18,936	18,068	29,354	15,151	14,203	7,650	3,785	3,865
20-24	26,169	12,482	13,687	20,001	9,620	10,381	6,168	2,862	3,306
25-29	17,095	7,502	9,593	12,884	5,667	7,217	4,211	1,835	2,376
30-34	14,822	6,604	8,218	11,347	5,024	6,323	3,475	1,580	1,895
35-39	12,305	5,579	6,726	9,386	4,295	5,091	2,919	1,284	1,635
40-44	11,396	5,136	6,260	8,782	3,912	4,870	2,614	1,224	1,390
45-49	8,454	3,911	4,543	6,424	2,935	3,489	2,030	976	1,054
50-54	8,334	3,541	4,793	6,340	2,678	3,662	1,994	863	1,131
55-59	6,445	2,838	3,607	4,845	2,146	2,699	1,600	692	908
60-64	6,018	2,861	3,157	4,641	2,189	2,452	1,377	672	705
65-69	3,746	1,959	1,787	2,787	1,456	1,331	959	503	456
70-74	2,897	1,318	1,579	2,307	1,017	1,290	590	301	289
75-79	1,560	751	809	1,233	605	628	327	146	181
80+	1,943	756	1,187	1,564	622	942	379	134	245

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>318,290</b>	<b>155,697</b>	<b>162,593</b>	<b>249,332</b>	<b>122,295</b>	<b>127,037</b>	<b>68,958</b>	<b>33,402</b>	<b>35,556</b>
0 - 4	63,248	31,909	31,339	50,335	25,420	24,915	12,913	6,489	6,424
5 - 9	46,910	23,878	23,032	37,536	19,145	18,391	9,374	4,733	4,641
10 -14	43,516	22,343	21,173	34,666	17,801	16,865	8,850	4,542	4,308
15-19	38,499	19,841	18,658	30,581	15,892	14,689	7,918	3,949	3,969
20-24	28,117	13,707	14,410	21,594	10,621	10,973	6,523	3,086	3,437
25-29	18,489	8,086	10,403	13,910	6,089	7,821	4,579	1,997	2,582
30-34	14,729	6,614	8,115	11,205	5,019	6,186	3,524	1,595	1,929
35-39	12,714	5,762	6,952	9,662	4,397	5,265	3,052	1,365	1,687
40-44	11,872	5,201	6,671	9,146	3,987	5,159	2,726	1,214	1,512
45-49	8,836	4,150	4,686	6,741	3,107	3,634	2,095	1,043	1,052
50-54	8,360	3,543	4,817	6,381	2,673	3,708	1,979	870	1,109
55-59	6,763	2,990	3,773	5,037	2,251	2,786	1,726	739	987
60-64	6,096	2,833	3,263	4,690	2,167	2,523	1,406	666	740
65-69	3,872	2,038	1,834	2,870	1,516	1,354	1,002	522	480
70-74	2,872	1,316	1,556	2,298	1,023	1,275	574	293	281
75-79	1,563	777	786	1,208	608	600	355	169	186
80+	1,834	709	1,125	1,472	579	893	362	130	232

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>330,141</b>	<b>161,676</b>	<b>168,465</b>	<b>258,393</b>	<b>126,875</b>	<b>131,518</b>	<b>71,748</b>	<b>34,801</b>	<b>36,947</b>
0 - 4	68,538	34,635	33,903	54,619	27,610	27,009	13,919	7,025	6,894
5 - 9	46,053	23,368	22,685	36,663	18,635	18,028	9,390	4,733	4,657
10 -14	44,518	22,789	21,729	35,407	18,149	17,258	9,111	4,640	4,471
15-19	39,243	20,266	18,977	31,242	16,249	14,993	8,001	4,017	3,984
20-24	30,363	15,016	15,347	23,324	11,654	11,670	7,039	3,362	3,677
25-29	19,813	8,846	10,967	14,901	6,666	8,235	4,912	2,180	2,732
30-34	14,932	6,702	8,230	11,242	5,031	6,211	3,690	1,671	2,019
35-39	13,026	5,871	7,155	9,972	4,513	5,459	3,054	1,358	1,696
40-44	12,131	5,250	6,881	9,365	4,037	5,328	2,766	1,213	1,553
45-49	9,294	4,368	4,926	7,042	3,253	3,789	2,252	1,115	1,137
50-54	8,359	3,525	4,834	6,381	2,646	3,735	1,978	879	1,099
55-59	7,106	3,135	3,971	5,348	2,378	2,970	1,758	757	1,001
60-64	6,258	2,801	3,457	4,788	2,143	2,645	1,470	658	812
65-69	4,089	2,166	1,923	3,038	1,619	1,419	1,051	547	504
70-74	2,874	1,328	1,546	2,278	1,019	1,259	596	309	287
75-79	1,696	870	826	1,300	667	633	396	203	193
80+	1,848	740	1,108	1,483	606	877	365	134	231

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>342,370</b>	<b>167,850</b>	<b>174,520</b>	<b>267,816</b>	<b>131,637</b>	<b>136,179</b>	<b>74,554</b>	<b>36,213</b>	<b>38,341</b>
0 - 4	70,684	35,723	34,961	56,396	28,512	27,884	14,288	7,211	7,077
5 - 9	48,970	24,690	24,280	38,894	19,646	19,248	10,076	5,044	5,032
10 -14	45,359	23,265	22,094	36,084	18,541	17,543	9,275	4,724	4,551
15-19	40,093	20,730	19,363	31,741	16,528	15,213	8,352	4,202	4,150
20-24	32,405	16,191	16,214	25,093	12,636	12,457	7,312	3,555	3,757
25-29	21,403	9,709	11,694	16,103	7,332	8,771	5,300	2,377	2,923
30-34	15,280	6,836	8,444	11,477	5,120	6,357	3,803	1,716	2,087
35-39	13,589	6,100	7,489	10,400	4,689	5,711	3,189	1,411	1,778
40-44	11,937	5,197	6,740	9,139	3,957	5,182	2,798	1,240	1,558
45-49	9,879	4,557	5,322	7,511	3,402	4,109	2,368	1,155	1,213
50-54	8,536	3,686	4,850	6,523	2,776	3,747	2,013	910	1,103
55-59	7,356	3,237	4,119	5,521	2,437	3,084	1,835	800	1,035
60-64	6,138	2,646	3,492	4,716	2,046	2,670	1,422	600	822
65-69	4,399	2,331	2,068	3,261	1,729	1,532	1,138	602	536
70-74	2,920	1,351	1,569	2,284	1,026	1,258	636	325	311
75-79	1,702	910	792	1,303	699	604	399	211	188
80+	1,720	691	1,029	1,370	561	809	350	130	220

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>354,980</b>	<b>174,212</b>	<b>180,768</b>	<b>277,556</b>	<b>136,554</b>	<b>141,002</b>	<b>77,424</b>	<b>37,658</b>	<b>39,766</b>
0 - 4	72,807	36,801	36,006	58,162	29,410	28,752	14,645	7,391	7,254
5 - 9	52,470	26,429	26,041	41,558	20,967	20,591	10,912	5,462	5,450
10 -14	45,417	23,237	22,180	36,043	18,468	17,575	9,374	4,769	4,605
15-19	40,748	21,081	19,667	32,253	16,770	15,483	8,495	4,311	4,184
20-24	34,630	17,389	17,241	26,952	13,644	13,308	7,678	3,745	3,933
25-29	22,996	10,823	12,173	17,370	8,244	9,126	5,626	2,579	3,047
30-34	16,247	7,121	9,126	12,122	5,290	6,832	4,125	1,831	2,294
35-39	13,688	6,104	7,584	10,478	4,662	5,816	3,210	1,442	1,768
40-44	12,484	5,458	7,026	9,529	4,160	5,369	2,955	1,298	1,657
45-49	10,163	4,706	5,457	7,721	3,535	4,186	2,442	1,171	1,271
50-54	8,941	3,835	5,106	6,853	2,877	3,976	2,088	958	1,130
55-59	7,023	3,099	3,924	5,280	2,347	2,933	1,743	752	991
60-64	6,301	2,660	3,641	4,810	2,027	2,783	1,491	633	858
65-69	4,589	2,379	2,210	3,419	1,776	1,643	1,170	603	567
70-74	3,215	1,564	1,651	2,464	1,182	1,282	751	382	369
75-79	1,608	842	766	1,231	645	586	377	197	180
80+	1,653	684	969	1,311	550	761	342	134	208

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>367,949</b>	<b>180,747</b>	<b>187,202</b>	<b>287,599</b>	<b>141,615</b>	<b>145,984</b>	<b>80,350</b>	<b>39,132</b>	<b>41,218</b>
0 - 4	74,952	37,892	37,060	59,970	30,329	29,641	14,982	7,563	7,419
5 - 9	56,479	28,405	28,074	44,626	22,464	22,162	11,853	5,941	5,912
10 -14	45,717	23,398	22,319	36,309	18,638	17,671	9,408	4,760	4,648
15-19	41,767	21,464	20,303	32,881	16,940	15,941	8,886	4,524	4,362
20-24	35,777	18,266	17,511	28,048	14,457	13,591	7,729	3,809	3,920
25-29	25,266	12,020	13,246	19,087	9,142	9,945	6,179	2,878	3,301
30-34	16,500	7,222	9,278	12,290	5,378	6,912	4,210	1,844	2,366
35-39	14,286	6,348	7,938	10,872	4,803	6,069	3,414	1,545	1,869
40-44	11,827	5,347	6,480	8,936	4,065	4,871	2,891	1,282	1,609
45-49	10,909	4,901	6,008	8,311	3,675	4,636	2,598	1,226	1,372
50-54	8,030	3,697	4,333	6,065	2,753	3,312	1,965	944	1,021
55-59	7,838	3,302	4,536	5,957	2,494	3,463	1,881	808	1,073
60-64	5,958	2,595	3,363	4,478	1,963	2,515	1,480	632	848
65-69	5,387	2,515	2,872	4,153	1,924	2,229	1,234	591	643
70-74	3,167	1,621	1,546	2,353	1,204	1,149	814	417	397
75-79	2,243	982	1,261	1,787	756	1,031	456	226	230
80+	1,846	772	1,074	1,476	630	846	370	142	228

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>381,308</b>	<b>187,483</b>	<b>193,825</b>	<b>298,001</b>	<b>146,860</b>	<b>151,141</b>	<b>83,307</b>	<b>40,623</b>	<b>42,684</b>
0 - 4	77,087	38,975	38,112	61,795	31,254	30,541	15,292	7,721	7,571
5 - 9	61,138	30,803	30,335	48,284	24,347	23,937	12,854	6,456	6,398
10 -14	45,555	23,172	22,383	36,078	18,393	17,685	9,477	4,779	4,698
15-19	42,229	21,660	20,569	33,255	17,090	16,165	8,974	4,570	4,404
20-24	37,244	19,152	18,092	29,241	15,178	14,063	8,003	3,974	4,029
25-29	27,162	13,208	13,954	20,645	10,118	10,527	6,517	3,090	3,427
30-34	17,851	7,787	10,064	13,277	5,784	7,493	4,574	2,003	2,571
35-39	14,207	6,362	7,845	10,742	4,800	5,942	3,465	1,562	1,903
40-44	12,230	5,528	6,702	9,208	4,169	5,039	3,022	1,359	1,663
45-49	11,377	4,969	6,408	8,675	3,754	4,921	2,702	1,215	1,487
50-54	8,399	3,924	4,475	6,363	2,913	3,450	2,036	1,011	1,025
55-59	7,867	3,306	4,561	5,997	2,490	3,507	1,870	816	1,054
60-64	6,257	2,735	3,522	4,656	2,056	2,600	1,601	679	922
65-69	5,447	2,485	2,962	4,189	1,900	2,289	1,258	585	673
70-74	3,266	1,684	1,582	2,415	1,250	1,165	851	434	417
75-79	2,209	975	1,234	1,768	756	1,012	441	219	222
80+	1,783	758	1,025	1,413	608	805	370	150	220

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>394,990</b>	<b>194,373</b>	<b>200,617</b>	<b>308,658</b>	<b>152,225</b>	<b>156,433</b>	<b>86,332</b>	<b>42,148</b>	<b>44,184</b>
0 - 4	79,150	40,020	39,130	63,573	32,152	31,421	15,577	7,868	7,709
5 - 9	66,326	33,475	32,851	52,469	26,486	25,983	13,857	6,989	6,868
10 -14	44,747	22,690	22,057	35,250	17,909	17,341	9,497	4,781	4,716
15-19	43,226	22,106	21,120	33,991	17,435	16,556	9,235	4,671	4,564
20-24	37,990	19,576	18,414	29,908	15,537	14,371	8,082	4,039	4,043
25-29	29,352	14,480	14,872	22,326	11,116	11,210	7,026	3,364	3,662
30-34	19,142	8,526	10,616	14,247	6,345	7,902	4,895	2,181	2,714
35-39	14,413	6,450	7,963	10,787	4,814	5,973	3,626	1,636	1,990
40-44	12,544	5,639	6,905	9,514	4,280	5,234	3,030	1,359	1,671
45-49	11,637	5,020	6,617	8,893	3,807	5,086	2,744	1,213	1,531
50-54	8,842	4,134	4,708	6,661	3,058	3,603	2,181	1,076	1,105
55-59	7,872	3,295	4,577	6,001	2,467	3,534	1,871	828	1,043
60-64	6,581	2,871	3,710	4,949	2,176	2,773	1,632	695	937
65-69	5,602	2,462	3,140	4,282	1,881	2,401	1,320	581	739
70-74	3,454	1,795	1,659	2,561	1,339	1,222	893	456	437
75-79	2,219	995	1,224	1,758	762	996	461	233	228
80+	1,893	839	1,054	1,488	661	827	405	178	227

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>408,972</b>	<b>201,420</b>	<b>207,552</b>	<b>319,624</b>	<b>157,760</b>	<b>161,864</b>	<b>89,348</b>	<b>43,660</b>	<b>45,688</b>
0 - 4	81,146	41,037	40,109	65,311	33,039	32,272	15,835	7,998	7,837
5 - 9	68,457	34,558	33,899	54,235	27,383	26,852	14,222	7,175	7,047
10 -14	47,610	23,989	23,621	37,420	18,892	18,528	10,190	5,097	5,093
15-19	44,067	22,578	21,489	34,673	17,826	16,847	9,394	4,752	4,642
20-24	38,833	20,036	18,797	30,400	15,811	14,589	8,433	4,225	4,208
25-29	31,344	15,622	15,722	24,061	12,076	11,985	7,283	3,546	3,737
30-34	20,693	9,363	11,330	15,418	6,992	8,426	5,275	2,371	2,904
35-39	14,759	6,584	8,175	11,017	4,901	6,116	3,742	1,683	2,059
40-44	13,093	5,863	7,230	9,929	4,452	5,477	3,164	1,411	1,753
45-49	11,454	4,970	6,484	8,678	3,730	4,948	2,776	1,240	1,536
50-54	9,409	4,320	5,089	7,112	3,201	3,911	2,297	1,119	1,178
55-59	8,044	3,448	4,596	6,139	2,593	3,546	1,905	855	1,050
60-64	6,811	2,962	3,849	5,110	2,230	2,880	1,701	732	969
65-69	5,492	2,325	3,167	4,213	1,795	2,418	1,279	530	749
70-74	3,712	1,929	1,783	2,747	1,428	1,319	965	501	464
75-79	2,242	1,009	1,233	1,749	763	986	493	246	247
80+	1,806	827	979	1,412	648	764	394	179	215

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>423,275</b>	<b>208,623</b>	<b>214,652</b>	<b>330,876</b>	<b>163,429</b>	<b>167,447</b>	<b>92,399</b>	<b>45,194</b>	<b>47,205</b>
0 - 4	83,026	41,992	41,034	66,957	33,875	33,082	16,069	8,117	7,952
5 - 9	70,590	35,641	34,949	56,009	28,284	27,725	14,581	7,357	7,224
10 -14	51,046	25,695	25,351	40,024	20,183	19,841	11,022	5,512	5,510
15-19	44,156	22,569	21,587	34,657	17,768	16,889	9,499	4,801	4,698
20-24	39,503	20,391	19,112	30,930	16,060	14,870	8,573	4,331	4,242
25-29	33,522	16,791	16,731	25,878	13,060	12,818	7,644	3,731	3,913
30-34	22,247	10,444	11,803	16,663	7,880	8,783	5,584	2,564	3,020
35-39	15,708	6,865	8,843	11,653	5,072	6,581	4,055	1,793	2,262
40-44	13,198	5,869	7,329	10,021	4,433	5,588	3,177	1,436	1,741
45-49	11,988	5,225	6,763	9,051	3,923	5,128	2,937	1,302	1,635
50-54	9,685	4,463	5,222	7,319	3,329	3,990	2,366	1,134	1,232
55-59	8,429	3,586	4,843	6,452	2,684	3,768	1,977	902	1,075
60-64	6,506	2,838	3,668	4,887	2,148	2,739	1,619	690	929
65-69	5,642	2,343	3,299	4,300	1,782	2,518	1,342	561	781
70-74	3,878	1,974	1,904	2,884	1,471	1,413	994	503	491
75-79	2,454	1,166	1,288	1,871	877	994	583	289	294
80+	1,697	771	926	1,320	600	720	377	171	206



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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>437,823</b>	<b>215,948</b>	<b>221,875</b>	<b>342,297</b>	<b>169,187</b>	<b>173,110</b>	<b>95,526</b>	<b>46,761</b>	<b>48,765</b>
0 - 4	84,772	42,877	41,895	68,470	34,641	33,829	16,302	8,236	8,066
5 - 9	72,728	36,726	36,002	57,810	29,197	28,613	14,918	7,529	7,389
10 -14	54,993	27,639	27,354	43,037	21,652	21,385	11,956	5,987	5,969
15-19	44,481	22,741	21,740	34,939	17,945	16,994	9,542	4,796	4,746
20-24	40,525	20,781	19,744	31,557	16,237	15,320	8,968	4,544	4,424
25-29	34,661	17,655	17,006	26,964	13,859	13,105	7,697	3,796	3,901
30-34	24,467	11,613	12,854	18,342	8,759	9,583	6,125	2,854	3,271
35-39	15,966	6,970	8,996	11,829	5,165	6,664	4,137	1,805	2,332
40-44	13,792	6,113	7,679	10,409	4,571	5,838	3,383	1,542	1,841
45-49	11,372	5,126	6,246	8,500	3,843	4,657	2,872	1,283	1,589
50-54	10,415	4,654	5,761	7,892	3,467	4,425	2,523	1,187	1,336
55-59	7,584	3,466	4,118	5,722	2,578	3,144	1,862	888	974
60-64	7,293	3,034	4,259	5,542	2,291	3,251	1,751	743	1,008
65-69	5,374	2,297	3,077	4,035	1,734	2,301	1,339	563	776
70-74	4,617	2,100	2,517	3,558	1,605	1,953	1,059	495	564
75-79	2,478	1,229	1,249	1,838	911	927	640	318	322
80+	2,305	927	1,378	1,853	732	1,121	452	195	257

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>452,599</b>	<b>223,390</b>	<b>229,209</b>	<b>353,941</b>	<b>175,052</b>	<b>178,889</b>	<b>98,658</b>	<b>48,338</b>	<b>50,320</b>
0 - 4	86,379	43,689	42,690	69,853	35,340	34,513	16,526	8,349	8,177
5 - 9	74,885	37,820	37,065	59,653	30,133	29,520	15,232	7,687	7,545
10 -14	59,577	29,997	29,580	46,632	23,504	23,128	12,945	6,493	6,452
15-19	44,353	22,537	21,816	34,733	17,718	17,015	9,620	4,819	4,801
20-24	41,003	20,986	20,017	31,955	16,397	15,558	9,048	4,589	4,459
25-29	36,111	18,526	17,585	28,138	14,564	13,574	7,973	3,962	4,011
30-34	26,324	12,771	13,553	19,873	9,712	10,161	6,451	3,059	3,392
35-39	17,288	7,521	9,767	12,787	5,554	7,233	4,501	1,967	2,534
40-44	13,724	6,128	7,596	10,298	4,577	5,721	3,426	1,551	1,875
45-49	11,769	5,303	6,466	8,756	3,937	4,819	3,013	1,366	1,647
50-54	10,871	4,721	6,150	8,253	3,546	4,707	2,618	1,175	1,443
55-59	7,940	3,684	4,256	6,008	2,729	3,279	1,932	955	977
60-64	7,325	3,041	4,284	5,581	2,288	3,293	1,744	753	991
65-69	5,642	2,421	3,221	4,197	1,820	2,377	1,445	601	844
70-74	4,658	2,070	2,588	3,582	1,584	1,998	1,076	486	590
75-79	2,543	1,270	1,273	1,880	942	938	663	328	335
80+	2,207	905	1,302	1,762	707	1,055	445	198	247

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>467,548</b>	<b>230,928</b>	<b>236,620</b>	<b>365,686</b>	<b>180,979</b>	<b>184,707</b>	<b>101,862</b>	<b>49,949</b>	<b>51,913</b>
0 - 4	87,816	44,419	43,397	71,068	35,958	35,110	16,748	8,461	8,287
5 - 9	76,954	38,870	38,084	61,441	31,040	30,401	15,513	7,830	7,683
10 -14	64,680	32,623	32,057	50,742	25,603	25,139	13,938	7,020	6,918
15-19	43,605	22,089	21,516	33,951	17,258	16,693	9,654	4,831	4,823
20-24	42,008	21,437	20,571	32,697	16,746	15,951	9,311	4,691	4,620
25-29	36,867	18,954	17,913	28,810	14,927	13,883	8,057	4,027	4,030
30-34	28,471	14,015	14,456	21,516	10,688	10,828	6,955	3,327	3,628
35-39	18,557	8,242	10,315	13,745	6,106	7,639	4,812	2,136	2,676
40-44	13,936	6,222	7,714	10,343	4,591	5,752	3,593	1,631	1,962
45-49	12,081	5,414	6,667	9,066	4,051	5,015	3,015	1,363	1,652
50-54	11,130	4,775	6,355	8,470	3,602	4,868	2,660	1,173	1,487
55-59	8,371	3,886	4,485	6,299	2,867	3,432	2,072	1,019	1,053
60-64	7,345	3,037	4,308	5,600	2,274	3,326	1,745	763	982
65-69	5,954	2,553	3,401	4,474	1,932	2,542	1,480	621	859
70-74	4,798	2,057	2,741	3,665	1,570	2,095	1,133	487	646
75-79	2,703	1,366	1,337	2,006	1,020	986	697	346	351
80+	2,272	969	1,303	1,793	746	1,047	479	223	256

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>482,684</b>	<b>238,554</b>	<b>244,130</b>	<b>377,610</b>	<b>186,992</b>	<b>190,618</b>	<b>105,074</b>	<b>51,562</b>	<b>53,512</b>
0 - 4	89,126	45,088	44,038	72,152	36,510	35,642	16,974	8,578	8,396
5 - 9	78,955	39,887	39,068	63,181	31,924	31,257	15,774	7,963	7,811
10 -14	66,814	33,707	33,107	52,509	26,500	26,009	14,305	7,207	7,098
15-19	46,435	23,374	23,061	36,081	18,223	17,858	10,354	5,151	5,203
20-24	42,859	21,913	20,946	33,387	17,140	16,247	9,472	4,773	4,699
25-29	37,721	19,418	18,303	29,317	15,207	14,110	8,404	4,211	4,193
30-34	30,428	15,133	15,295	23,225	11,630	11,595	7,203	3,503	3,700
35-39	20,075	9,059	11,016	14,890	6,736	8,154	5,185	2,323	2,862
40-44	14,286	6,357	7,929	10,583	4,683	5,900	3,703	1,674	2,029
45-49	12,626	5,635	6,991	9,477	4,220	5,257	3,149	1,415	1,734
50-54	10,969	4,735	6,234	8,274	3,532	4,742	2,695	1,203	1,492
55-59	8,919	4,065	4,854	6,733	3,005	3,728	2,186	1,060	1,126
60-64	7,506	3,181	4,325	5,726	2,390	3,336	1,780	791	989
65-69	6,158	2,631	3,527	4,614	1,977	2,637	1,544	654	890
70-74	4,703	1,942	2,761	3,601	1,496	2,105	1,102	446	656
75-79	2,894	1,463	1,431	2,140	1,083	1,057	754	380	374
80+	2,210	966	1,244	1,720	736	984	490	230	260

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>498,093</b>	<b>246,326</b>	<b>251,767</b>	<b>389,755</b>	<b>193,120</b>	<b>196,635</b>	<b>108,338</b>	<b>53,206</b>	<b>55,132</b>
0 - 4	90,449	45,760	44,689	73,209	37,046	36,163	17,240	8,714	8,526
5 - 9	80,847	40,849	39,998	64,836	32,765	32,071	16,011	8,084	7,927
10 -14	68,937	34,784	34,153	54,272	27,395	26,877	14,665	7,389	7,276
15-19	49,820	25,055	24,765	38,630	19,489	19,141	11,190	5,566	5,624
20-24	42,974	21,919	21,055	33,393	17,095	16,298	9,581	4,824	4,757
25-29	38,396	19,777	18,619	29,853	15,460	14,393	8,543	4,317	4,226
30-34	32,568	16,279	16,289	25,007	12,592	12,415	7,561	3,687	3,874
35-39	21,598	10,115	11,483	16,113	7,605	8,508	5,485	2,510	2,975
40-44	15,215	6,634	8,581	11,198	4,848	6,350	4,017	1,786	2,231
45-49	12,739	5,649	7,090	9,580	4,211	5,369	3,159	1,438	1,721
50-54	11,484	4,980	6,504	8,631	3,717	4,914	2,853	1,263	1,590
55-59	9,185	4,202	4,983	6,935	3,131	3,804	2,250	1,071	1,179
60-64	7,865	3,309	4,556	6,018	2,476	3,542	1,847	833	1,014
65-69	5,880	2,522	3,358	4,410	1,905	2,505	1,470	617	853
70-74	4,836	1,962	2,874	3,678	1,488	2,190	1,158	474	684
75-79	3,028	1,499	1,529	2,248	1,116	1,132	780	383	397
80+	2,272	1,031	1,241	1,744	781	963	528	250	278

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>513,785</b>	<b>254,223</b>	<b>259,562</b>	<b>402,148</b>	<b>199,366</b>	<b>202,782</b>	<b>111,637</b>	<b>54,857</b>	<b>56,780</b>
0 - 4	91,848	46,469	45,379	74,381	37,641	36,740	17,467	8,828	8,639
5 - 9	82,601	41,738	40,863	66,360	33,537	32,823	16,241	8,201	8,040
10 -14	71,065	35,864	35,201	56,066	28,305	27,761	14,999	7,559	7,440
15-19	53,699	26,964	26,735	41,579	20,927	20,652	12,120	6,037	6,083
20-24	43,317	22,101	21,216	33,683	17,275	16,408	9,634	4,826	4,808
25-29	39,413	20,168	19,245	30,477	15,638	14,839	8,936	4,530	4,406
30-34	33,690	17,125	16,565	26,079	13,376	12,703	7,611	3,749	3,862
35-39	23,762	11,251	12,511	17,746	8,457	9,289	6,016	2,794	3,222
40-44	15,475	6,737	8,738	11,381	4,941	6,440	4,094	1,796	2,298
45-49	13,316	5,885	7,431	9,958	4,344	5,614	3,358	1,541	1,817
50-54	10,904	4,892	6,012	8,110	3,645	4,465	2,794	1,247	1,547
55-59	9,891	4,385	5,506	7,490	3,262	4,228	2,401	1,123	1,278
60-64	7,095	3,206	3,889	5,353	2,385	2,968	1,742	821	921
65-69	6,638	2,710	3,928	5,041	2,043	2,998	1,597	667	930
70-74	4,659	1,941	2,718	3,495	1,465	2,030	1,164	476	688
75-79	3,690	1,613	2,077	2,845	1,233	1,612	845	380	465
80+	2,722	1,174	1,548	2,104	892	1,212	618	282	336

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>529,679</b>	<b>262,243</b>	<b>267,436</b>	<b>414,697</b>	<b>205,703</b>	<b>208,994</b>	<b>114,982</b>	<b>56,540</b>	<b>58,442</b>
0 - 4	93,334	47,228	46,106	75,574	38,249	37,325	17,760	8,979	8,781
5 - 9	84,190	42,545	41,645	67,728	34,232	33,496	16,462	8,313	8,149
10 -14	73,187	36,941	36,246	57,883	29,227	28,656	15,304	7,714	7,590
15-19	58,184	29,270	28,914	45,092	22,736	22,356	13,092	6,534	6,558
20-24	43,204	21,910	21,294	33,482	17,057	16,425	9,722	4,853	4,869
25-29	39,891	20,374	19,517	30,877	15,801	15,076	9,014	4,573	4,441
30-34	35,112	17,978	17,134	27,225	14,064	13,161	7,887	3,914	3,973
35-39	25,575	12,378	13,197	19,245	9,386	9,859	6,330	2,992	3,338
40-44	16,765	7,276	9,489	12,316	5,325	6,991	4,449	1,951	2,498
45-49	13,258	5,903	7,355	9,859	4,354	5,505	3,399	1,549	1,850
50-54	11,291	5,062	6,229	8,358	3,734	4,624	2,933	1,328	1,605
55-59	10,331	4,454	5,877	7,836	3,342	4,494	2,495	1,112	1,383
60-64	7,430	3,410	4,020	5,620	2,526	3,094	1,810	884	926
65-69	6,666	2,715	3,951	5,077	2,042	3,035	1,589	673	916
70-74	4,887	2,045	2,842	3,625	1,533	2,092	1,262	512	750
75-79	3,701	1,581	2,120	2,848	1,209	1,639	853	372	481
80+	2,673	1,173	1,500	2,052	886	1,166	621	287	334

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>545,769</b>	<b>270,361</b>	<b>275,408</b>	<b>427,377</b>	<b>212,110</b>	<b>215,267</b>	<b>118,392</b>	<b>58,251</b>	<b>60,141</b>
0 - 4	94,929	48,048	46,881	76,857	38,909	37,948	18,072	9,139	8,933
5 - 9	85,601	43,263	42,338	68,929	34,843	34,086	16,672	8,420	8,252
10 -14	75,216	37,969	37,247	59,637	30,115	29,522	15,579	7,854	7,725
15-19	63,174	31,837	31,337	49,096	24,782	24,314	14,078	7,055	7,023
20-24	42,479	21,476	21,003	32,722	16,611	16,111	9,757	4,865	4,892
25-29	40,872	20,814	20,058	31,601	16,141	15,460	9,271	4,673	4,598
30-34	35,850	18,394	17,456	27,884	14,418	13,466	7,966	3,976	3,990
35-39	27,665	13,587	14,078	20,844	10,335	10,509	6,821	3,252	3,569
40-44	17,999	7,976	10,023	13,245	5,857	7,388	4,754	2,119	2,635
45-49	13,469	5,996	7,473	9,906	4,370	5,536	3,563	1,626	1,937
50-54	11,599	5,172	6,427	8,665	3,849	4,816	2,934	1,323	1,611
55-59	10,585	4,507	6,078	8,049	3,397	4,652	2,536	1,110	1,426
60-64	7,845	3,602	4,243	5,904	2,659	3,245	1,941	943	998
65-69	6,688	2,714	3,974	5,098	2,030	3,068	1,590	684	906
70-74	5,166	2,160	3,006	3,878	1,634	2,244	1,288	526	762
75-79	3,819	1,576	2,243	2,914	1,203	1,711	905	373	532
80+	2,813	1,270	1,543	2,148	957	1,191	665	313	352

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>562,013</b>	<b>278,562</b>	<b>283,451</b>	<b>440,206</b>	<b>218,590</b>	<b>221,616</b>	<b>121,807</b>	<b>59,972</b>	<b>61,835</b>
0 - 4	96,529	48,863	47,666	78,141	39,565	38,576	18,388	9,298	9,090
5 - 9	86,891	43,921	42,970	69,999	35,388	34,611	16,892	8,533	8,359
10 -14	77,172	38,965	38,207	61,341	30,982	30,359	15,831	7,983	7,848
15-19	65,258	32,894	32,364	50,823	25,659	25,164	14,435	7,235	7,200
20-24	45,242	22,729	22,513	34,783	17,543	17,240	10,459	5,186	5,273
25-29	41,703	21,279	20,424	32,276	16,529	15,747	9,427	4,750	4,677
30-34	36,681	18,846	17,835	28,375	14,688	13,687	8,306	4,158	4,148
35-39	29,568	14,673	14,895	22,508	11,251	11,257	7,060	3,422	3,638
40-44	19,470	8,766	10,704	14,358	6,466	7,892	5,112	2,300	2,812
45-49	13,807	6,127	7,680	10,134	4,457	5,677	3,673	1,670	2,003
50-54	12,120	5,384	6,736	9,060	4,011	5,049	3,060	1,373	1,687
55-59	10,432	4,469	5,963	7,861	3,328	4,533	2,571	1,141	1,430
60-64	8,363	3,771	4,592	6,313	2,788	3,525	2,050	983	1,067
65-69	6,834	2,846	3,988	5,212	2,138	3,074	1,622	708	914
70-74	5,332	2,224	3,108	3,990	1,669	2,321	1,342	555	787
75-79	3,729	1,484	2,245	2,854	1,143	1,711	875	341	534
80+	2,882	1,321	1,561	2,178	985	1,193	704	336	368

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>578,444</b>	<b>286,851</b>	<b>291,593</b>	<b>453,168</b>	<b>225,138</b>	<b>228,030</b>	<b>125,276</b>	<b>61,713</b>	<b>63,563</b>
0 - 4	98,047	49,636	48,411	79,352	40,180	39,172	18,695	9,456	9,239
5 - 9	88,186	44,578	43,608	71,041	35,916	35,125	17,145	8,662	8,483
10 -14	79,019	39,904	39,115	62,964	31,806	31,158	16,055	8,098	7,957
15-19	67,334	33,947	33,387	52,550	26,534	26,016	14,784	7,413	7,371
20-24	48,544	24,367	24,177	37,257	18,770	18,487	11,287	5,597	5,690
25-29	41,819	21,287	20,532	32,284	16,485	15,799	9,535	4,802	4,733
30-34	37,342	19,197	18,145	28,899	14,936	13,963	8,443	4,261	4,182
35-39	31,650	15,786	15,864	24,241	12,185	12,056	7,409	3,601	3,808
40-44	20,951	9,790	11,161	15,550	7,311	8,239	5,401	2,479	2,922
45-49	14,711	6,395	8,316	10,734	4,618	6,116	3,977	1,777	2,200
50-54	12,234	5,399	6,835	9,165	4,004	5,161	3,069	1,395	1,674
55-59	10,928	4,705	6,223	8,205	3,507	4,698	2,723	1,198	1,525
60-64	8,610	3,895	4,715	6,497	2,901	3,596	2,113	994	1,119
65-69	7,153	2,958	4,195	5,468	2,211	3,257	1,685	747	938
70-74	5,083	2,129	2,954	3,806	1,607	2,199	1,277	522	755
75-79	3,836	1,503	2,333	2,909	1,137	1,772	927	366	561
80+	2,997	1,375	1,622	2,246	1,030	1,216	751	345	406

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>595,053</b>	<b>295,233</b>	<b>299,820</b>	<b>466,306</b>	<b>231,775</b>	<b>234,531</b>	<b>128,747</b>	<b>63,458</b>	<b>65,289</b>
0 - 4	99,488	50,369	49,119	80,507	40,768	39,739	18,981	9,601	9,380
5 - 9	89,545	45,271	44,274	72,182	36,499	35,683	17,363	8,772	8,591
10 -14	80,733	40,775	39,958	64,455	32,564	31,891	16,278	8,211	8,067
15-19	69,410	35,000	34,410	54,302	27,422	26,880	15,108	7,578	7,530
20-24	52,328	26,228	26,100	40,122	20,166	19,956	12,206	6,062	6,144
25-29	42,155	21,466	20,689	32,564	16,660	15,904	9,591	4,806	4,785
30-34	38,335	19,579	18,756	29,509	15,110	14,399	8,826	4,469	4,357
35-39	32,744	16,610	16,134	25,289	12,950	12,339	7,455	3,660	3,795
40-44	23,052	10,891	12,161	17,134	8,137	8,997	5,918	2,754	3,164
45-49	14,963	6,497	8,466	10,914	4,711	6,203	4,049	1,786	2,263
50-54	12,793	5,626	7,167	9,528	4,131	5,397	3,265	1,495	1,770
55-59	10,378	4,622	5,756	7,714	3,441	4,273	2,664	1,181	1,483
60-64	9,288	4,072	5,216	7,033	3,030	4,003	2,255	1,042	1,213
65-69	6,476	2,876	3,600	4,883	2,136	2,747	1,593	740	853
70-74	5,797	2,301	3,496	4,402	1,735	2,667	1,395	566	829
75-79	3,764	1,510	2,254	2,825	1,138	1,687	939	372	567
80+	3,804	1,540	2,264	2,943	1,177	1,766	861	363	498

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>611,789</b>	<b>303,695</b>	<b>308,094</b>	<b>479,549</b>	<b>238,476</b>	<b>241,073</b>	<b>132,240</b>	<b>65,219</b>	<b>67,021</b>
0 - 4	100,854	51,062	49,792	81,607	41,326	40,281	19,247	9,736	9,511
5 - 9	91,004	46,020	44,984	73,361	37,104	36,257	17,643	8,916	8,727
10 -14	82,293	41,566	40,727	65,805	33,249	32,556	16,488	8,317	8,171
15-19	71,487	36,054	35,433	56,084	28,325	27,759	15,403	7,729	7,674
20-24	56,703	28,473	28,230	43,542	21,924	21,618	13,161	6,549	6,612
25-29	42,051	21,283	20,768	32,368	16,445	15,923	9,683	4,838	4,845
30-34	38,803	19,783	19,020	29,901	15,272	14,629	8,902	4,511	4,391
35-39	34,129	17,440	16,689	26,404	13,620	12,784	7,725	3,820	3,905
40-44	24,812	11,983	12,829	18,593	9,040	9,553	6,219	2,943	3,276
45-49	16,215	7,016	9,199	11,817	5,077	6,740	4,398	1,939	2,459
50-54	12,740	5,647	7,093	9,437	4,144	5,293	3,303	1,503	1,800
55-59	10,754	4,787	5,967	7,952	3,526	4,426	2,802	1,261	1,541
60-64	9,704	4,134	5,570	7,360	3,102	4,258	2,344	1,032	1,312
65-69	6,777	3,058	3,719	5,122	2,262	2,860	1,655	796	859
70-74	5,815	2,306	3,509	4,428	1,733	2,695	1,387	573	814
75-79	3,938	1,587	2,351	2,919	1,190	1,729	1,019	397	622
80+	3,710	1,496	2,214	2,849	1,137	1,712	861	359	502

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>628,640</b>	<b>312,218</b>	<b>316,422</b>	<b>492,933</b>	<b>245,248</b>	<b>247,685</b>	<b>135,707</b>	<b>66,970</b>	<b>68,737</b>
0 - 4	102,125	51,704	50,421	82,698	41,878	40,820	19,427	9,826	9,601
5 - 9	92,565	46,822	45,743	74,617	37,749	36,868	17,948	9,073	8,875
10 -14	83,675	42,271	41,404	66,986	33,850	33,136	16,689	8,421	8,268
15-19	73,473	37,061	36,412	57,804	29,196	28,608	15,669	7,865	7,804
20-24	61,570	30,971	30,599	47,441	23,912	23,529	14,129	7,059	7,070
25-29	41,349	20,865	20,484	31,625	16,011	15,614	9,724	4,854	4,870
30-34	39,768	20,215	19,553	30,614	15,607	15,007	9,154	4,608	4,546
35-39	34,852	17,848	17,004	27,049	13,966	13,083	7,803	3,882	3,921
40-44	26,848	13,160	13,688	20,150	9,963	10,187	6,698	3,197	3,501
45-49	17,412	7,696	9,716	12,720	5,595	7,125	4,692	2,101	2,591
50-54	12,947	5,737	7,210	9,487	4,161	5,326	3,460	1,576	1,884
55-59	11,053	4,893	6,160	8,253	3,638	4,615	2,800	1,255	1,545
60-64	9,953	4,190	5,763	7,568	3,157	4,411	2,385	1,033	1,352
65-69	7,173	3,238	3,935	5,394	2,387	3,007	1,779	851	928
70-74	5,851	2,315	3,536	4,459	1,731	2,728	1,392	584	808
75-79	4,177	1,685	2,492	3,134	1,274	1,860	1,043	411	632
80+	3,849	1,547	2,302	2,934	1,173	1,761	915	374	541

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>645,566</b>	<b>320,774</b>	<b>324,792</b>	<b>506,340</b>	<b>252,028</b>	<b>254,312</b>	<b>139,226</b>	<b>68,746</b>	<b>70,480</b>
0 - 4	103,310	52,306	51,004	83,671	42,370	41,301	19,639	9,936	9,703
5 - 9	94,140	47,625	46,515	75,881	38,393	37,488	18,259	9,232	9,027
10 -14	84,941	42,916	42,025	68,042	34,387	33,655	16,899	8,529	8,370
15-19	75,391	38,036	37,355	59,481	30,047	29,434	15,910	7,989	7,921
20-24	63,609	32,005	31,604	49,134	24,770	24,364	14,475	7,235	7,240
25-29	44,049	22,088	21,961	33,632	16,918	16,714	10,417	5,170	5,247
30-34	40,579	20,669	19,910	31,271	15,984	15,287	9,308	4,685	4,623
35-39	35,665	18,289	17,376	27,528	14,229	13,299	8,137	4,060	4,077
40-44	28,698	14,214	14,484	21,772	10,855	10,917	6,926	3,359	3,567
45-49	18,841	8,462	10,379	13,802	6,187	7,615	5,039	2,275	2,764
50-54	13,277	5,864	7,413	9,705	4,243	5,462	3,572	1,621	1,951
55-59	11,553	5,094	6,459	8,628	3,791	4,837	2,925	1,303	1,622
60-64	9,808	4,155	5,653	7,388	3,094	4,294	2,420	1,061	1,359
65-69	7,649	3,391	4,258	5,772	2,505	3,267	1,877	886	991
70-74	5,970	2,426	3,544	4,548	1,820	2,728	1,422	606	816
75-79	4,299	1,727	2,572	3,215	1,296	1,919	1,084	431	653
80+	3,787	1,507	2,280	2,870	1,139	1,731	917	368	549

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>662,545</b>	<b>329,364</b>	<b>333,181</b>	<b>519,798</b>	<b>258,843</b>	<b>260,955</b>	<b>142,747</b>	<b>70,521</b>	<b>72,226</b>
0 - 4	104,346	52,833	51,513	84,529	42,808	41,721	19,817	10,025	9,792
5 - 9	95,639	48,389	47,250	77,078	39,003	38,075	18,561	9,386	9,175
10 -14	86,215	43,563	42,652	69,072	34,910	34,162	17,143	8,653	8,490
15-19	77,205	38,961	38,244	61,074	30,860	30,214	16,131	8,101	8,030
20-24	65,640	33,036	32,604	50,825	25,629	25,196	14,815	7,407	7,408
25-29	47,272	23,683	23,589	36,037	18,106	17,931	11,235	5,577	5,658
30-34	40,701	20,683	20,018	31,288	15,947	15,341	9,413	4,736	4,677
35-39	36,311	18,632	17,679	28,043	14,471	13,572	8,268	4,161	4,107
40-44	30,724	15,295	15,429	23,455	11,760	11,695	7,269	3,535	3,734
45-49	20,278	9,452	10,826	14,963	7,008	7,955	5,315	2,444	2,871
50-54	14,151	6,123	8,028	10,284	4,398	5,886	3,867	1,725	2,142
55-59	11,664	5,110	6,554	8,731	3,786	4,945	2,933	1,324	1,609
60-64	10,278	4,377	5,901	7,716	3,263	4,453	2,562	1,114	1,448
65-69	7,878	3,504	4,374	5,943	2,608	3,335	1,935	896	1,039
70-74	6,236	2,517	3,719	4,763	1,879	2,884	1,473	638	835
75-79	4,086	1,651	2,435	3,050	1,242	1,808	1,036	409	627
80+	3,921	1,555	2,366	2,947	1,165	1,782	974	390	584

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

Age Groups	Total			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>679,608</b>	<b>337,997</b>	<b>341,611</b>	<b>533,377</b>	<b>265,712</b>	<b>267,665</b>	<b>146,231</b>	<b>72,285</b>	<b>73,946</b>
0 - 4	105,259	53,301	51,958	85,294	43,199	42,095	19,965	10,102	9,863
5 - 9	97,065	49,117	47,948	78,224	39,589	38,635	18,841	9,528	9,313
10 -14	87,559	44,251	43,308	70,209	35,493	34,716	17,350	8,758	8,592
15-19	78,892	39,815	39,077	62,550	31,606	30,944	16,342	8,209	8,133
20-24	67,676	34,068	33,608	52,547	26,499	26,048	15,129	7,569	7,560
25-29	50,967	25,499	25,468	38,826	19,465	19,361	12,141	6,034	6,107
30-34	41,036	20,861	20,175	31,565	16,119	15,446	9,471	4,742	4,729
35-39	37,288	19,009	18,279	28,645	14,646	13,999	8,643	4,363	4,280
40-44	31,791	16,096	15,695	24,475	12,502	11,973	7,316	3,594	3,722
45-49	22,316	10,519	11,797	16,496	7,805	8,691	5,820	2,714	3,106
50-54	14,400	6,223	8,177	10,468	4,491	5,977	3,932	1,732	2,200
55-59	12,204	5,329	6,875	9,083	3,909	5,174	3,121	1,420	1,701
60-64	9,769	4,304	5,465	7,256	3,203	4,053	2,513	1,101	1,412
65-69	8,519	3,669	4,850	6,450	2,728	3,722	2,069	941	1,128
70-74	5,679	2,460	3,219	4,280	1,824	2,456	1,399	636	763
75-79	4,738	1,803	2,935	3,603	1,359	2,244	1,135	444	691
80+	4,450	1,673	2,777	3,406	1,275	2,131	1,044	398	646



### 3.6 Council Population Projection Results

This section presents population projections for all Kaskazini 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; Wete Town Council and Micheweni District Council, 2023-2050**

Year	Wete Town			Micheweni District		
	Both Sexes	Male	Female	Both Sexes	Male	Female
2023	156,909	76,473	80,436	128,054	62,392	65,662
2024	162,435	79,291	83,144	133,289	65,008	68,281
2025	168,530	82,378	86,152	138,319	67,535	70,784
2026	174,942	85,654	89,288	143,348	70,043	73,305
2027	180,965	88,704	92,261	149,176	72,972	76,204
2028	188,394	92,350	96,044	153,976	75,500	78,476
2029	195,021	95,713	99,308	159,959	78,499	81,460
2030	202,045	99,329	102,716	165,904	81,418	84,486
2031	209,424	103,092	106,332	171,884	84,391	87,493
2032	216,617	106,742	109,875	178,373	87,631	90,742
2033	224,953	110,823	114,130	184,019	90,597	93,422
2034	232,519	114,685	117,834	190,756	93,938	96,818
2035	240,633	118,796	121,837	197,190	97,152	100,038
2036	248,669	122,909	125,760	203,930	100,481	103,449
2037	256,620	126,922	129,698	210,928	104,006	106,922
2038	265,373	131,269	134,104	217,311	107,285	110,026
2039	273,672	135,443	138,229	224,421	110,883	113,538
2040	282,376	139,870	142,506	231,409	114,353	117,056
2041	291,014	144,285	146,729	238,665	117,958	120,707
2042	299,712	148,660	151,052	246,057	121,701	124,356
2043	308,869	153,208	155,661	253,144	125,354	127,790
2044	317,857	157,759	160,098	260,587	129,092	131,495
2045	327,164	162,417	164,747	267,889	132,816	135,073
2046	336,216	167,079	169,137	275,573	136,616	138,957
2047	345,560	171,770	173,790	283,080	140,448	142,632
2048	355,018	176,561	178,457	290,548	144,213	146,335
2049	364,522	181,314	183,208	298,023	148,050	149,973
2050	374,196	186,201	187,995	305,412	151,796	153,616

**Table 3C.2: Projected Population by Five Year Age Groups and Sex; Wete 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
<b>Total</b>	<b>156,909</b>	<b>76,473</b>	<b>80,436</b>	<b>162,435</b>	<b>79,291</b>	<b>83,144</b>	<b>168,530</b>	<b>82,378</b>	<b>86,152</b>	<b>174,942</b>	<b>85,654</b>	<b>89,288</b>	<b>180,965</b>	<b>88,704</b>	<b>92,261</b>
0 - 4	27,430	13,950	13,480	29,340	14,904	14,436	31,574	16,011	15,563	34,108	17,318	16,790	36,947	18,795	18,152
5 - 9	24,932	12,905	12,027	24,958	12,884	12,074	25,117	12,967	12,150	25,017	12,838	12,179	24,557	12,561	11,996
10-14	22,035	11,461	10,574	22,376	11,641	10,735	22,932	11,857	11,075	23,172	11,954	11,218	23,696	12,189	11,507
15-19	18,163	9,056	9,107	19,394	9,718	9,676	20,039	10,210	9,829	20,841	10,699	10,142	21,241	10,924	10,317
20-24	12,271	5,564	6,707	13,147	6,180	6,967	14,462	6,880	7,582	15,534	7,550	7,984	16,759	8,263	8,496
25-29	8,996	4,008	4,988	9,545	4,176	5,369	9,706	4,230	5,476	10,472	4,555	5,917	11,225	4,981	6,244
30-34	8,024	3,661	4,363	8,076	3,659	4,417	8,422	3,800	4,622	8,382	3,816	4,566	8,469	3,853	4,616
35-39	6,871	2,980	3,891	7,149	3,126	4,023	6,796	3,064	3,732	7,007	3,163	3,844	7,199	3,225	3,974
40-44	5,842	2,737	3,105	5,999	2,824	3,175	6,426	2,941	3,485	6,729	2,992	3,737	6,804	2,992	3,812
45-49	5,163	2,222	2,941	5,345	2,298	3,047	4,772	2,200	2,572	5,016	2,351	2,665	5,200	2,453	2,747
50-54	4,586	2,030	2,556	4,372	1,921	2,451	4,829	2,040	2,789	4,897	2,067	2,830	4,760	1,990	2,770
55-59	4,133	1,734	2,399	4,114	1,712	2,402	3,838	1,668	2,170	4,007	1,754	2,253	4,172	1,828	2,344
60-64	3,135	1,650	1,485	3,197	1,668	1,529	3,670	1,745	1,925	3,815	1,754	2,061	3,817	1,708	2,109
65-69	2,055	992	1,063	2,257	1,114	1,143	2,194	1,166	1,028	2,272	1,207	1,065	2,367	1,266	1,101
70-74	1,366	738	628	1,319	689	630	1,704	749	955	1,720	803	917	1,689	772	917
75-79	1,064	449	615	1,030	451	579	883	420	463	852	430	422	955	483	472
80+	843	336	507	817	326	491	1,166	430	736	1,101	403	698	1,108	421	687

**Table 3C.3: Projected Population by Five Year Age Groups and Sex; Wete 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
<b>Total</b>	<b>188,394</b>	<b>92,350</b>	<b>96,044</b>	<b>195,021</b>	<b>95,713</b>	<b>99,308</b>	<b>202,045</b>	<b>99,329</b>	<b>102,716</b>	<b>209,424</b>	<b>103,092</b>	<b>106,332</b>	<b>216,617</b>	<b>106,742</b>	<b>109,875</b>
0 - 4	38,104	19,386	18,718	39,248	19,971	19,277	40,403	20,561	19,842	41,552	21,148	20,404	42,661	21,714	20,947
5 -9	26,089	13,255	12,834	27,918	14,201	13,717	30,034	15,246	14,788	32,553	16,546	16,007	35,340	17,987	17,353
10 -14	24,150	12,449	11,701	24,185	12,434	11,751	24,337	12,517	11,820	24,252	12,398	11,854	23,822	12,141	11,681
15-19	21,712	11,182	10,530	22,055	11,364	10,691	22,615	11,574	11,041	22,868	11,682	11,186	23,396	11,916	11,480
20-24	17,924	8,937	8,987	19,124	9,576	9,548	19,806	10,089	9,717	20,591	10,564	10,027	21,018	10,807	10,211
25-29	12,148	5,479	6,669	13,030	6,098	6,932	14,316	6,777	7,539	15,398	7,447	7,951	16,628	8,159	8,469
30-34	8,690	3,940	4,750	9,210	4,096	5,114	9,381	4,161	5,220	10,113	4,472	5,641	10,864	4,899	5,965
35-39	7,499	3,349	4,150	7,544	3,350	4,194	7,883	3,486	4,397	7,838	3,493	4,345	7,947	3,541	4,406
40-44	6,753	2,987	3,766	7,055	3,121	3,934	6,711	3,075	3,636	6,903	3,158	3,745	7,079	3,229	3,850
45-49	5,605	2,575	3,030	5,732	2,656	3,076	6,137	2,762	3,375	6,482	2,823	3,659	6,509	2,821	3,688
50-54	4,978	2,148	2,830	5,247	2,219	3,028	4,652	2,125	2,527	4,890	2,271	2,619	5,092	2,363	2,729
55-59	4,473	1,914	2,559	4,212	1,820	2,392	4,673	1,939	2,734	4,705	1,953	2,752	4,564	1,911	2,653
60-64	3,931	1,653	2,278	3,904	1,633	2,271	3,679	1,590	2,089	3,886	1,677	2,209	4,036	1,747	2,289
65-69	2,585	1,392	1,193	2,678	1,394	1,284	3,137	1,490	1,647	3,197	1,478	1,719	3,230	1,434	1,796
70-74	1,781	802	979	1,993	920	1,073	1,877	945	932	1,953	1,012	941	2,041	1,045	996
75-79	941	509	432	896	471	425	1,299	553	746	1,176	539	637	1,259	551	708
80+	1,031	393	638	990	389	601	1,105	439	666	1,067	431	636	1,131	477	654

**Table 3C.4: Projected Population by Five Year Age Groups and Sex; Wete 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
<b>Total</b>	<b>224,953</b>	<b>110,823</b>	<b>114,130</b>	<b>232,519</b>	<b>114,685</b>	<b>117,834</b>	<b>240,633</b>	<b>118,796</b>	<b>121,837</b>	<b>248,669</b>	<b>122,909</b>	<b>125,760</b>	<b>256,620</b>	<b>126,922</b>	<b>129,698</b>
0 - 4	43,737	22,265	21,472	44,750	22,784	21,966	45,688	23,263	22,425	46,552	23,702	22,850	47,320	24,094	23,226
5 - 9	36,476	18,569	17,907	37,612	19,150	18,462	38,752	19,734	19,018	39,903	20,322	19,581	41,006	20,887	20,119
10 - 14	25,321	12,815	12,506	27,167	13,748	13,419	29,297	14,794	14,503	31,718	16,042	15,676	34,432	17,452	16,980
15-19	23,861	12,174	11,687	23,912	12,173	11,739	24,088	12,266	11,822	24,020	12,157	11,863	23,615	11,915	11,700
20-24	21,500	11,072	10,428	21,830	11,244	10,586	22,440	11,489	10,951	22,687	11,587	11,100	23,229	11,829	11,400
25-29	17,778	8,813	8,965	18,992	9,466	9,526	19,664	9,957	9,707	20,461	10,446	10,015	20,889	10,685	10,204
30-34	11,741	5,382	6,359	12,616	5,990	6,626	13,899	6,681	7,218	14,942	7,334	7,608	16,163	8,053	8,110
35-39	8,155	3,616	4,539	8,661	3,769	4,892	8,825	3,827	4,998	9,531	4,130	5,401	10,259	4,528	5,731
40-44	7,385	3,356	4,029	7,440	3,359	4,081	7,802	3,504	4,298	7,771	3,518	4,253	7,853	3,556	4,297
45-49	6,512	2,820	3,692	6,763	2,943	3,820	6,469	2,907	3,562	6,632	2,986	3,646	6,827	3,059	3,768
50-54	5,459	2,490	2,969	5,621	2,571	3,050	6,031	2,682	3,349	6,342	2,741	3,601	6,420	2,735	3,685
55-59	4,932	2,039	2,893	5,077	2,110	2,967	4,533	2,032	2,501	4,734	2,167	2,567	4,947	2,272	2,675
60-64	4,300	1,835	2,465	4,048	1,748	2,300	4,484	1,856	2,628	4,594	1,880	2,714	4,470	1,842	2,628
65-69	3,222	1,394	1,828	3,291	1,369	1,922	3,139	1,368	1,771	3,298	1,431	1,867	3,450	1,499	1,951
70-74	2,247	1,144	1,103	2,367	1,169	1,198	2,731	1,223	1,508	2,780	1,248	1,532	2,852	1,202	1,650
75-79	1,249	568	681	1,359	653	706	1,408	685	723	1,381	703	678	1,529	763	766
80+	1,078	471	607	1,013	439	574	1,383	528	855	1,323	515	808	1,359	551	808

**Table 3C.5: Projected Population by Five Year Age Groups and Sex; Wete 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
<b>Total</b>	<b>265,373</b>	<b>131,269</b>	<b>134,104</b>	<b>273,672</b>	<b>135,443</b>	<b>138,229</b>	<b>282,376</b>	<b>139,870</b>	<b>142,506</b>	<b>291,014</b>	<b>144,285</b>	<b>146,729</b>	<b>299,712</b>	<b>148,660</b>	<b>151,052</b>
0 - 4	48,029	24,458	23,571	48,742	24,824	23,918	49,498	25,210	24,288	50,302	25,623	24,679	51,159	26,066	25,093
5 - 9	42,074	21,433	20,641	43,084	21,950	21,134	44,018	22,428	21,590	44,867	22,862	22,005	45,624	23,250	22,374
10 -14	35,567	18,032	17,535	36,699	18,609	18,090	37,831	19,186	18,645	38,961	19,763	19,198	40,041	20,313	19,728
15-19	25,105	12,582	12,523	26,953	13,488	13,465	29,079	14,541	14,538	31,499	15,778	15,721	34,202	17,164	17,038
20-24	23,727	12,105	11,622	23,786	12,111	11,675	23,979	12,210	11,769	23,933	12,116	11,817	23,528	11,875	11,653
25-29	21,391	10,955	10,436	21,752	11,147	10,605	22,351	11,378	10,973	22,619	11,491	11,128	23,155	11,732	11,423
30-34	17,303	8,710	8,593	18,494	9,351	9,143	19,191	9,870	9,321	19,960	10,339	9,621	20,416	10,601	9,815
35-39	11,073	4,974	6,099	11,919	5,555	6,364	13,116	6,179	6,937	14,112	6,797	7,315	15,267	7,463	7,804
40-44	8,076	3,646	4,430	8,574	3,792	4,782	8,741	3,860	4,881	9,435	4,152	5,283	10,148	4,552	5,596
45-49	7,129	3,182	3,947	7,181	3,188	3,993	7,539	3,324	4,215	7,518	3,344	4,174	7,583	3,378	4,205
50-54	6,375	2,744	3,631	6,679	2,866	3,813	6,360	2,838	3,522	6,551	2,909	3,642	6,726	2,984	3,742
55-59	5,340	2,386	2,954	5,466	2,467	2,999	5,894	2,575	3,319	6,186	2,626	3,560	6,251	2,638	3,613
60-64	4,768	1,967	2,801	4,891	2,040	2,851	4,402	1,965	2,437	4,619	2,098	2,521	4,827	2,197	2,630
65-69	3,604	1,568	2,036	3,426	1,477	1,949	3,859	1,602	2,257	3,919	1,620	2,299	3,857	1,578	2,279
70-74	2,877	1,158	1,719	2,987	1,155	1,832	2,780	1,135	1,645	2,933	1,221	1,712	3,080	1,263	1,817
75-79	1,613	819	794	1,682	836	846	2,110	901	1,209	2,002	879	1,123	2,168	883	1,285
80+	1,322	550	772	1,357	587	770	1,628	668	960	1,598	667	931	1,680	723	957

**Table 3C.6: Projected Population by Five Year Age Groups and Sex; Wete 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
<b>Total</b>	<b>308,869</b>	<b>153,208</b>	<b>155,661</b>	<b>317,857</b>	<b>157,759</b>	<b>160,098</b>	<b>327,164</b>	<b>162,417</b>	<b>164,747</b>	<b>336,216</b>	<b>167,079</b>	<b>169,137</b>	<b>345,560</b>	<b>171,770</b>	<b>173,790</b>
0 - 4	52,021	26,507	25,514	52,839	26,927	25,912	53,614	27,324	26,290	54,348	27,699	26,649	55,032	28,046	26,986
5 - 9	46,312	23,602	22,710	47,003	23,956	23,047	47,725	24,328	23,397	48,501	24,730	23,771	49,333	25,161	24,172
10 - 14	41,082	20,846	20,236	42,065	21,348	20,717	42,978	21,814	21,164	43,809	22,238	21,571	44,543	22,614	21,929
15-19	35,333	17,735	17,598	36,453	18,301	18,152	37,580	18,871	18,709	38,704	19,439	19,265	39,781	19,983	19,798
20-24	24,942	12,488	12,454	26,829	13,439	13,390	28,902	14,459	14,443	31,302	15,677	15,625	34,051	17,091	16,960
25-29	23,652	12,004	11,648	23,714	12,008	11,706	23,900	12,105	11,795	23,846	12,005	11,841	23,446	11,768	11,678
30-34	20,876	10,855	10,021	21,240	11,049	10,191	21,836	11,290	10,546	22,077	11,389	10,688	22,630	11,643	10,987
35-39	16,316	8,055	8,261	17,453	8,667	8,786	18,064	9,119	8,945	18,804	9,573	9,231	19,230	9,801	9,429
40-44	10,956	4,988	5,968	11,779	5,563	6,216	13,007	6,217	6,790	13,983	6,827	7,156	15,134	7,508	7,626
45-49	7,825	3,467	4,358	8,284	3,607	4,677	8,478	3,672	4,806	9,115	3,948	5,167	9,845	4,337	5,508
50-54	7,025	3,102	3,923	7,086	3,110	3,976	7,440	3,247	4,193	7,421	3,267	4,154	7,497	3,299	4,198
55-59	6,285	2,633	3,652	6,552	2,761	3,791	6,249	2,723	3,526	6,402	2,806	3,596	6,585	2,875	3,710
60-64	5,210	2,314	2,896	5,340	2,395	2,945	5,748	2,500	3,248	6,054	2,549	3,505	6,131	2,562	3,569
65-69	3,996	1,699	2,297	4,181	1,740	2,441	3,773	1,698	2,075	3,969	1,815	2,154	4,171	1,906	2,265
70-74	3,243	1,325	1,918	3,119	1,264	1,855	3,463	1,331	2,132	3,503	1,387	2,116	3,489	1,357	2,132
75-79	2,075	836	1,239	2,132	842	1,290	2,127	843	1,284	2,154	879	1,275	2,354	939	1,415
80+	1,720	752	968	1,788	782	1,006	2,280	876	1,404	2,224	851	1,373	2,308	880	1,428

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

Age Groups	2048			2049			2050		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>355,018</b>	<b>176,561</b>	<b>178,457</b>	<b>364,522</b>	<b>181,314</b>	<b>183,208</b>	<b>374,196</b>	<b>186,201</b>	<b>187,995</b>
0 - 4	55,669	28,373	27,296	56,224	28,657	27,567	56,716	28,910	27,806
5 - 9	50,175	25,593	24,582	50,975	26,004	24,971	51,735	26,396	25,339
10 -14	45,217	22,959	22,258	45,896	23,306	22,590	46,611	23,675	22,936
15-19	40,819	20,508	20,311	41,800	21,006	20,794	42,716	21,468	21,248
20-24	35,185	17,665	17,520	36,306	18,233	18,073	37,435	18,803	18,632
25-29	24,895	12,431	12,464	26,782	13,352	13,430	28,914	14,392	14,522
30-34	23,102	11,906	11,196	23,168	11,919	11,249	23,370	12,021	11,349
35-39	19,657	10,038	9,619	20,025	10,230	9,795	20,565	10,435	10,130
40-44	16,191	8,113	8,078	17,319	8,718	8,601	17,984	9,219	8,765
45-49	10,618	4,764	5,854	11,409	5,306	6,103	12,606	5,934	6,672
50-54	7,717	3,391	4,326	8,202	3,523	4,679	8,359	3,590	4,769
55-59	6,876	2,991	3,885	6,964	3,001	3,963	7,327	3,133	4,194
60-64	6,153	2,563	3,590	6,382	2,686	3,696	6,105	2,653	3,452
65-69	4,469	2,010	2,459	4,595	2,065	2,530	4,956	2,165	2,791
70-74	3,618	1,432	2,186	3,856	1,497	2,359	3,410	1,442	1,968
75-79	2,385	966	1,419	2,266	926	1,340	2,712	1,013	1,699
80+	2,272	858	1,414	2,353	885	1,468	2,675	952	1,723



**Table 3C. 8: Projected Population by Five Year Age Groups and Sex; Micheweni District 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
<b>Total</b>	<b>128,054</b>	<b>62,392</b>	<b>65,662</b>	<b>133,289</b>	<b>65,008</b>	<b>68,281</b>	<b>138,319</b>	<b>67,535</b>	<b>70,784</b>	<b>143,348</b>	<b>70,043</b>	<b>73,305</b>	<b>149,176</b>	<b>72,972</b>	<b>76,204</b>
0 - 4	23,362	11,702	11,660	25,034	12,525	12,509	26,909	13,444	13,465	29,140	14,591	14,549	31,591	15,840	15,751
5 -9	21,851	11,109	10,742	21,861	11,088	10,773	21,991	11,160	10,831	21,893	11,040	10,853	21,496	10,807	10,689
10 -14	19,341	9,955	9,386	19,658	10,125	9,533	20,138	10,300	9,838	20,344	10,389	9,955	20,822	10,600	10,222
15-19	15,383	7,743	7,640	16,439	8,314	8,125	16,965	8,726	8,239	17,658	9,142	8,516	18,002	9,342	8,660
20-24	9,918	4,529	5,389	10,682	5,064	5,618	11,707	5,602	6,105	12,583	6,157	6,426	13,604	6,753	6,851
25-29	6,857	3,102	3,755	7,301	3,228	4,073	7,389	3,272	4,117	8,017	3,531	4,486	8,588	3,865	4,723
30-34	6,090	2,693	3,397	6,135	2,695	3,440	6,400	2,804	3,596	6,347	2,798	3,549	6,463	2,849	3,614
35-39	5,561	2,446	3,115	5,845	2,570	3,275	5,509	2,515	2,994	5,707	2,599	3,108	5,827	2,646	3,181
40-44	4,491	2,046	2,445	4,625	2,111	2,514	4,970	2,195	2,775	5,143	2,209	2,934	5,327	2,258	3,069
45-49	3,837	1,685	2,152	4,079	1,765	2,314	3,682	1,711	1,971	3,820	1,799	2,021	4,094	1,915	2,179
50-54	3,260	1,449	1,811	3,117	1,410	1,707	3,505	1,501	2,004	3,463	1,476	1,987	3,599	1,535	2,064
55-59	2,541	1,176	1,365	2,727	1,208	1,519	2,607	1,170	1,437	2,756	1,236	1,520	2,934	1,307	1,627
60-64	1,827	1,013	814	1,977	1,052	925	2,348	1,116	1,232	2,281	1,079	1,202	2,441	1,093	1,348
65-69	1,437	652	785	1,604	794	810	1,552	793	759	1,600	831	769	1,722	900	822
70-74	891	495	396	825	462	363	1,193	569	624	1,152	513	639	1,185	556	629
75-79	842	342	500	833	350	483	677	331	346	711	347	364	741	387	354
80+	565	255	310	547	247	300	777	326	451	733	306	427	740	319	421

**Table 3C.9: Projected Population by Five Year Age Groups and Sex; Micheweni District 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
<b>Total</b>	<b>153,976</b>	<b>75,500</b>	<b>78,476</b>	<b>159,959</b>	<b>78,499</b>	<b>81,460</b>	<b>165,904</b>	<b>81,418</b>	<b>84,486</b>	<b>171,884</b>	<b>84,391</b>	<b>87,493</b>	<b>178,373</b>	<b>87,631</b>	<b>90,742</b>
0 - 4	32,580	16,337	16,243	33,559	16,830	16,729	34,549	17,331	17,218	35,535	17,827	17,708	36,489	18,306	18,183
5 -9	22,881	11,435	11,446	24,552	12,228	12,324	26,445	13,159	13,286	28,585	14,257	14,328	30,986	15,488	15,498
10 -14	21,209	10,816	10,393	21,232	10,803	10,429	21,380	10,881	10,499	21,303	10,774	10,529	20,925	10,549	10,376
15-19	18,381	9,548	8,833	18,693	9,717	8,976	19,152	9,890	9,262	19,361	9,978	9,383	19,830	10,190	9,640
20-24	14,481	7,254	7,227	15,506	7,813	7,693	15,971	8,177	7,794	16,653	8,588	8,065	16,972	8,769	8,203
25-29	9,255	4,230	5,025	9,966	4,725	5,241	10,950	5,243	5,707	11,764	5,761	6,003	12,724	6,321	6,403
30-34	6,590	2,896	3,694	7,037	3,025	4,012	7,119	3,061	4,058	7,738	3,315	4,423	8,278	3,627	4,651
35-39	6,090	2,751	3,339	6,144	2,754	3,390	6,403	2,862	3,541	6,369	2,869	3,500	6,466	2,909	3,557
40-44	5,184	2,210	2,974	5,429	2,337	3,092	5,116	2,272	2,844	5,327	2,370	2,957	5,465	2,410	3,055
45-49	4,274	1,982	2,292	4,431	2,050	2,381	4,772	2,139	2,633	4,895	2,146	2,749	5,128	2,199	2,929
50-54	3,558	1,538	2,020	3,694	1,616	2,078	3,378	1,572	1,806	3,509	1,653	1,856	3,750	1,771	1,979
55-59	2,883	1,323	1,560	2,811	1,279	1,532	3,165	1,363	1,802	3,162	1,353	1,809	3,308	1,384	1,924
60-64	2,207	993	1,214	2,397	1,027	1,370	2,279	1,005	1,274	2,371	1,058	1,313	2,545	1,124	1,421
65-69	1,814	939	875	1,911	985	926	2,250	1,025	1,225	2,250	1,007	1,243	2,372	1,028	1,344
70-74	1,139	549	590	1,222	644	578	1,290	676	614	1,313	672	641	1,413	750	663
75-79	761	401	360	712	371	341	944	429	515	1,033	436	597	960	444	516
80+	689	298	391	663	295	368	741	333	408	716	327	389	762	362	400

**Table 3C.10: Projected Population by Five Year Age Groups and Sex; Micheweni District 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
<b>Total</b>	<b>184,019</b>	<b>90,597</b>	<b>93,422</b>	<b>190,756</b>	<b>93,938</b>	<b>96,818</b>	<b>197,190</b>	<b>97,152</b>	<b>100,038</b>	<b>203,930</b>	<b>100,481</b>	<b>103,449</b>	<b>210,928</b>	<b>104,006</b>	<b>106,922</b>
0 - 4	37,409	18,772	18,637	38,276	19,208	19,068	39,084	19,614	19,470	39,827	19,987	19,840	40,496	20,325	20,171
5 - 9	31,981	15,989	15,992	32,978	16,491	16,487	33,976	16,992	16,984	34,982	17,498	17,484	35,948	17,983	17,965
10 -14	22,289	11,174	11,115	23,879	11,947	11,932	25,696	12,845	12,851	27,859	13,955	13,904	30,248	15,171	15,077
15-19	20,206	10,404	9,802	20,244	10,396	9,848	20,393	10,475	9,918	20,333	10,380	9,953	19,990	10,174	9,816
20-24	17,333	8,964	8,369	17,673	9,147	8,526	18,085	9,292	8,793	18,316	9,399	8,917	18,779	9,608	9,171
25-29	13,566	6,809	6,757	14,530	7,325	7,205	14,997	7,698	7,299	15,650	8,080	7,570	15,978	8,269	7,709
30-34	8,952	3,981	4,971	9,631	4,454	5,177	10,568	4,932	5,636	11,382	5,437	5,945	12,308	5,962	6,346
35-39	6,604	2,968	3,636	7,047	3,096	3,951	7,141	3,143	3,998	7,757	3,391	4,366	8,298	3,714	4,584
40-44	5,708	2,507	3,201	5,758	2,510	3,248	5,990	2,609	3,381	5,953	2,610	3,343	6,083	2,666	3,417
45-49	4,942	2,150	2,792	5,225	2,282	2,943	4,903	2,219	2,684	5,137	2,317	2,820	5,254	2,355	2,899
50-54	3,950	1,830	2,120	4,064	1,892	2,172	4,384	1,972	2,412	4,529	1,980	2,549	4,710	2,040	2,670
55-59	3,112	1,409	1,703	3,352	1,476	1,876	3,051	1,434	1,617	3,206	1,517	1,689	3,424	1,614	1,810
60-64	2,511	1,127	1,384	2,458	1,090	1,368	2,809	1,178	1,631	2,731	1,161	1,570	2,875	1,195	1,680
65-69	2,270	931	1,339	2,351	974	1,377	2,235	929	1,306	2,344	990	1,354	2,504	1,054	1,450
70-74	1,465	785	680	1,511	805	706	1,886	877	1,009	1,878	822	1,056	1,946	855	1,091
75-79	993	441	552	1,095	513	582	1,070	544	526	1,162	567	595	1,174	603	571
80+	728	356	372	684	332	352	922	399	523	884	390	494	913	418	495

**Table 3C.11: Projected Population by Five Year Age Groups and Sex; Micheweni District 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
<b>Total</b>	<b>217,311</b>	<b>107,285</b>	<b>110,026</b>	<b>224,421</b>	<b>110,883</b>	<b>113,538</b>	<b>231,409</b>	<b>114,353</b>	<b>117,056</b>	<b>238,665</b>	<b>117,958</b>	<b>120,707</b>	<b>246,057</b>	<b>121,701</b>	<b>124,356</b>
0 - 4	41,097	20,630	20,467	41,707	20,936	20,771	42,350	21,259	21,091	43,032	21,605	21,427	43,770	21,982	21,788
5 - 9	36,881	18,454	18,427	37,763	18,899	18,864	38,583	19,310	19,273	39,323	19,683	19,640	39,977	20,013	19,964
10 -14	31,247	15,675	15,572	32,238	16,175	16,063	33,234	16,678	16,556	34,226	17,178	17,048	35,175	17,656	17,519
15-19	21,330	10,792	10,538	22,867	11,567	11,300	24,620	12,423	12,197	26,685	13,492	13,193	28,972	14,673	14,299
20-24	19,132	9,808	9,324	19,188	9,808	9,380	19,338	9,891	9,447	19,271	9,794	9,477	18,951	9,601	9,350
25-29	16,330	8,463	7,867	16,644	8,630	8,014	17,062	8,790	8,272	17,272	8,883	8,389	17,717	9,082	8,635
30-34	13,125	6,423	6,702	14,074	6,928	7,146	14,499	7,255	7,244	15,152	7,639	7,513	15,434	7,793	7,641
35-39	9,002	4,085	4,917	9,679	4,560	5,119	10,646	5,072	5,574	11,463	5,581	5,882	12,398	6,124	6,274
40-44	6,210	2,711	3,499	6,641	2,842	3,799	6,734	2,877	3,857	7,330	3,124	4,206	7,851	3,424	4,427
45-49	5,497	2,453	3,044	5,558	2,461	3,097	5,777	2,561	3,216	5,740	2,559	3,181	5,886	2,618	3,268
50-54	4,594	1,991	2,603	4,805	2,114	2,691	4,544	2,054	2,490	4,740	2,153	2,587	4,873	2,188	2,685
55-59	3,579	1,679	1,900	3,719	1,735	1,984	3,997	1,810	2,187	4,145	1,828	2,317	4,334	1,869	2,465
60-64	2,738	1,214	1,524	2,974	1,269	1,705	2,693	1,241	1,452	2,811	1,312	1,499	3,018	1,405	1,613
65-69	2,554	1,063	1,491	2,454	1,045	1,409	2,779	1,108	1,671	2,747	1,095	1,652	2,831	1,136	1,695
70-74	1,826	784	1,042	1,849	807	1,042	1,879	806	1,073	1,954	824	1,130	2,086	897	1,189
75-79	1,281	644	637	1,346	663	683	1,580	712	868	1,699	702	997	1,651	693	958
80+	888	416	472	915	444	471	1,094	506	588	1,075	506	569	1,133	547	586

**Table 3C.12: Projected Population by Five Year Age Groups and Sex; Micheweni District 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
<b>Total</b>	<b>253,144</b>	<b>125,354</b>	<b>127,790</b>	<b>260,587</b>	<b>129,092</b>	<b>131,495</b>	<b>267,889</b>	<b>132,816</b>	<b>135,073</b>	<b>275,573</b>	<b>136,616</b>	<b>138,957</b>	<b>283,080</b>	<b>140,448</b>	<b>142,632</b>
0 - 4	44,508	22,356	22,152	45,208	22,709	22,499	45,874	23,045	22,829	46,506	23,363	23,143	47,093	23,658	23,435
5 - 9	40,579	20,319	20,260	41,183	20,622	20,561	41,820	20,943	20,877	42,503	21,290	21,213	43,232	21,661	21,571
10 -14	36,090	18,119	17,971	36,954	18,556	18,398	37,755	18,961	18,794	38,484	19,328	19,156	39,132	19,657	19,475
15-19	29,925	15,159	14,766	30,881	15,646	15,235	31,830	16,129	15,701	32,783	16,615	16,168	33,692	17,078	16,614
20-24	20,300	10,241	10,059	21,715	10,928	10,787	23,426	11,769	11,657	25,401	12,796	12,605	27,519	13,880	13,639
25-29	18,051	9,275	8,776	18,105	9,279	8,826	18,255	9,361	8,894	18,205	9,278	8,927	17,903	9,097	8,806
30-34	15,805	7,991	7,814	16,102	8,148	7,954	16,499	8,289	8,210	16,726	8,394	8,332	17,138	8,572	8,566
35-39	13,252	6,618	6,634	14,197	7,119	7,078	14,680	7,491	7,189	15,325	7,867	7,458	15,622	8,047	7,575
40-44	8,514	3,778	4,736	9,172	4,227	4,945	10,045	4,674	5,371	10,829	5,156	5,673	11,714	5,652	6,062
45-49	5,982	2,660	3,322	6,427	2,788	3,639	6,485	2,825	3,660	7,100	3,068	4,032	7,567	3,359	4,208
50-54	5,095	2,282	2,813	5,148	2,289	2,859	5,353	2,379	2,974	5,319	2,380	2,939	5,450	2,438	3,012
55-59	4,147	1,836	2,311	4,376	1,944	2,432	4,129	1,899	2,230	4,352	1,981	2,371	4,468	2,018	2,450
60-64	3,153	1,457	1,696	3,270	1,500	1,770	3,540	1,572	1,968	3,650	1,585	2,065	3,822	1,628	2,194
65-69	2,838	1,147	1,691	2,972	1,218	1,754	2,703	1,178	1,525	2,808	1,243	1,565	3,002	1,332	1,670
70-74	2,089	899	1,190	1,964	865	1,099	2,334	970	1,364	2,312	919	1,393	2,362	958	1,404
75-79	1,654	648	1,006	1,704	661	1,043	1,637	667	970	1,784	708	1,076	1,823	746	1,077
80+	1,162	569	593	1,209	593	616	1,524	664	860	1,486	645	841	1,541	667	874

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

Age Groups	2048			2049			2050		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>	<b>290,548</b>	<b>144,213</b>	<b>146,335</b>	<b>298,023</b>	<b>148,050</b>	<b>149,973</b>	<b>305,412</b>	<b>151,796</b>	<b>153,616</b>
0 - 4	47,641	23,933	23,708	48,122	24,176	23,946	48,543	24,391	24,152
5 - 9	43,965	22,032	21,933	44,664	22,385	22,279	45,330	22,721	22,609
10 -14	39,724	19,957	19,767	40,319	20,257	20,062	40,948	20,576	20,372
15-19	34,572	17,528	17,044	35,405	17,955	17,450	36,176	18,347	17,829
20-24	28,424	14,340	14,084	29,334	14,803	14,531	30,241	15,265	14,976
25-29	19,154	9,657	9,497	20,490	10,331	10,159	22,053	11,107	10,946
30-34	17,477	8,763	8,714	17,533	8,764	8,769	17,666	8,840	8,826
35-39	16,008	8,251	7,757	16,286	8,402	7,884	16,723	8,574	8,149
40-44	12,507	6,101	6,406	13,405	6,577	6,828	13,807	6,877	6,930
45-49	8,223	3,698	4,525	8,869	4,146	4,723	9,710	4,585	5,125
50-54	5,560	2,473	3,087	5,949	2,600	3,349	6,041	2,633	3,408
55-59	4,677	2,103	2,574	4,700	2,109	2,591	4,877	2,196	2,681
60-64	3,655	1,592	2,063	3,896	1,691	2,205	3,664	1,651	2,013
65-69	3,180	1,381	1,799	3,283	1,439	1,844	3,563	1,504	2,059
70-74	2,352	994	1,358	2,380	1,020	1,360	2,269	1,018	1,251
75-79	1,914	761	1,153	1,820	725	1,095	2,026	790	1,236
80+	1,515	649	866	1,568	670	898	1,775	721	1,054

## Annex

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