

THE UNITED REPUBLIC OF TANZANIA



MINISTRY OF WORKS

Basic Statistics and Information in Construction Industry (2024)



Tanzanite Bridge



Makutano - Natta (Sanzate)



**President Office - Ethics
Secretariat**



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THE UNITED REPUBLIC OF TANZANIA



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FOREWORD

The Construction Industry is a fundamental economic sector which facilitates most of other sectors as it transforms various resources into constructed physical economic and social infrastructure necessary for socio-economic development. It embraces the process by which the physical infrastructure are planned, designed, procured, constructed or produced, altered and maintained. Thus, the realization of Vision 2025 partly depends on existence of a reliable and competitive physical infrastructure that is capable of delivering quality services and value for money for the development of the Country.

The goal of the Construction Industry is to develop an internationally competitive industry that will be able to undertake most of the construction projects in Tanzania and export its services and products and ensure value for money is realized as well as protection of environmental. Likewise, availability of the realistic data and effective use of the data will facilitate planning and management as well as in the subsequent implementation of various projects/programs.

In realization of the importance of the above facts, the Ministry of Works has annually been publishing a Sectoral Statistics Document of data collected from various stakeholders. These include Government Ministries, Departments, Agencies, and Institutions.

The document contains key basic statistics in Construction Industry at national level that covers a period of five years from 2020 to 2024. The interpretation of these statistics is expressed in terms of numerical, graphs, histograms and pie-charts.

Ambassador Eng. Aisha S. Amour
PERMANENT SECRETARY

LIST OF ABBREVIATIONS

AQRB	Architects and Quantity Surveyors Registration Board
ATTI	Appropriate Technology Training Institute
CE	Consulting Engineer
CSWS	Corporations Sole Works Superintendent
CRB	Contractors Registration Board
DSM	Dar es Salaam
EAPP	Enhanced Articled Pupilage Programme
EDF	European Development Fund
ERB	Engineers Registration Board
GDP	Gross Domestic Product
GE	Graduate Engineer
GIE	Graduate Incorporated Engineer
GoT	Government of Tanzania
GTE	Graduate Technician Engineers
IE	Incorporated Engineers
ICoT	Institute of Construction Technology
JNIA	Julius Nyerere International Airport
KIA	Kilimanjaro International Airport
MoW	Ministry of Works

MWTI	Morogoro Works Training Institute
NCC	National Construction Council
NBS	National Bureau of Statistics
PE	Professional Engineer
PO-RALG	President's Office Regional Administration and Local Government
RFB	Roads Fund Board
RMMS	Road Maintenance Management System
TANROADS	Tanzania National Roads Agency
TARURA	Tanzania Rural and Urban Roads Agency
TBA	Tanzania Building Agency
TCE	Temporary Consulting Engineer
TEMESA	Tanzania Electrical Mechanical and Electronics Services Agency
TPE	Temporary Professional Engineers

CHAPTER ONE

BACKGROUND INFORMATION

1.1 Introduction

Construction Industry Sector Statistics provides a synopsis of Construction Industry issues and other relevant information within the Ministry of Works and its Institutions. Their effectiveness, appropriateness and adequateness contribute a lot to the development of other socio-economic activities. Adequate and appropriate data and information is also a prerequisite for strategic planning. In other words, statistics play a major role in strategic planning, management and monitoring and evaluation of the sector. In realization of the importance of the data, the Ministry of Works publishes on annual basis information and data related to the Construction Industry Sector. The objective of this publication is to facilitate close monitoring and evaluation of the performance of the Sector.

For any data to be meaningful there is a need of updating them at a frequency that would ensure meeting users expectation. In view of this fact, information and data contained in the Ministry's data bank are updated annually using inputs received from different stakeholders including Governments Ministries, Departments and Agencies. The analysis which includes histograms, charts and graphs are used to show trends and behaviours for quick visual interpretation of the presented data of the Sector.

1.2 Process for developing the Statistic book

The Ministry's Statistics document has been developed in accordance with Participatory approach involving Ministry responsible for Works, Institutions under the Ministry of Works and some key stakeholders were involved in its preparation to ensure that their needs and expectations are adopted.

1.3 The Layout

This document is divided into four chapters: Chapter one is the introductory part; brief explains on basic background data and statistics on Road Network for Tanzania Chapter two provides information on Ministry's Recurrent and Development Budget Status; Chapter three contains, Road Condition, Motor Vehicle and Plant Registration in Tanzania Mainland; information and statistics on Institutions of the Ministry namely; TANROADS, TEMESA, TBA, ERB, AQRB, NCC, RFB, CRB, ICoT and CSWS. Chapter four contains statistics for Local Roads and Employment generated during the implementation of the Ministry's Development projects. It is important to note that this document does not contain all the required data and information for the Ministry.

1.4 Conclusion

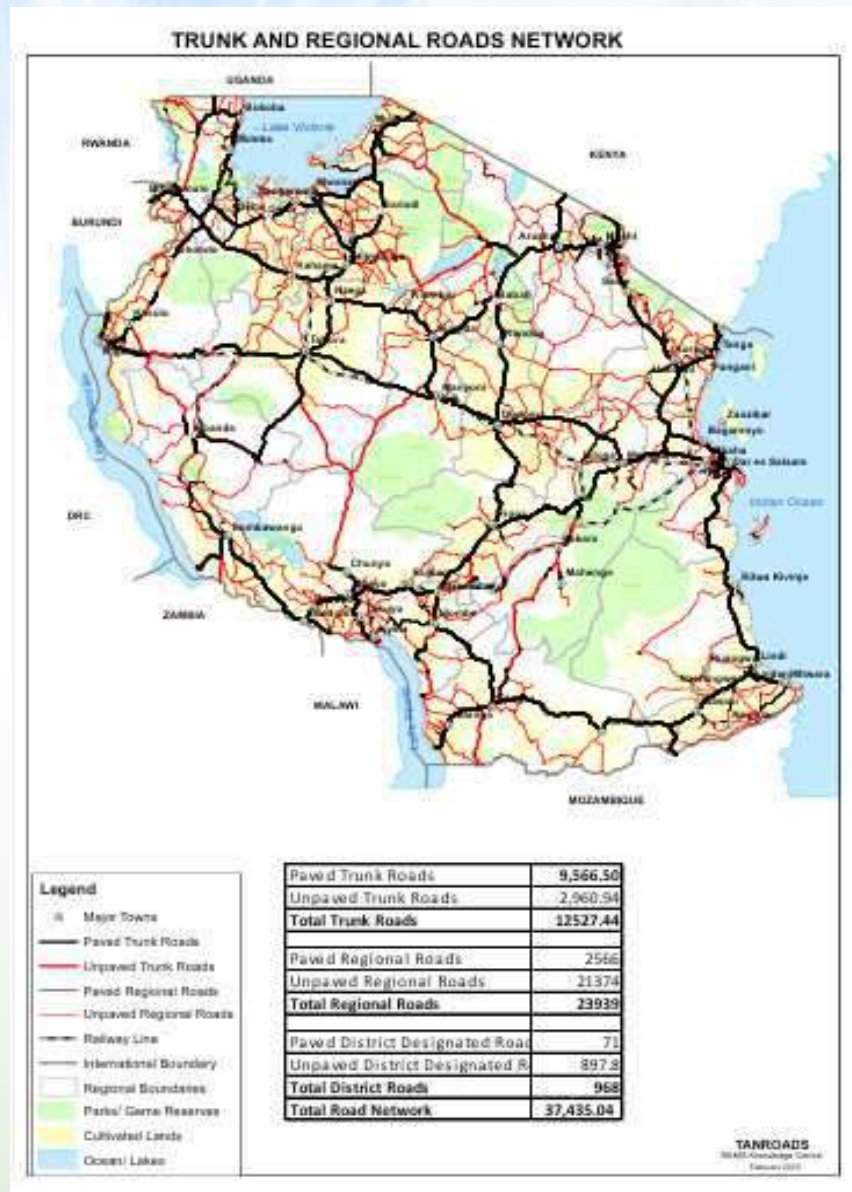
In a nutshell, the document provides a summary on data and information for core activities performed by the Ministry However, comments and inputs are invited from all stakeholders for the purpose of improving it in the future.

Table 1. 1: Data Describing Tanzania

Particular	Data/Information
Location	East Coast of Africa between latitudes 1°S and 11° S and between longitudes 29°E and 41°E.
Share border with	Kenya and Uganda to the North, Rwanda, Burundi and Democratic Republic of Congo to the West, Zambia, Malawi to the South West and Mozambique to the South.
Total area of Tanzania	939,701 km ² of which 58,100 km ² is water representing a part of Lakes Victoria, Tanganyika, Nyasa and several other smaller lakes, rivers and sea.
Capital City	Dodoma with population of 3,085,625 people (2022)
Number of Regions	Tanzania Mainland 26 regions and Zanzibar 5 regions
Number of Districts	Tanzania Mainland 168 districts and Zanzibar 10 districts
Arable Land	15.1 million hectares
Cultivated Land per year	5.1 million hectares
Population of Tanzania Mainland	About 67.44 million people (2023).
Other major cities with their estimated population (2024)	Dar es Salaam (7,776,000), Mwanza (3,699,872), Arusha (2,356,255), Tanga (2,615,597) and Mbeya (2,343,754).

Particular	Data/Information
Average population density of the country	76 people per km ² (197 people per mi ²), calculated on a total land area of 885,800 km ² (342,009 sq. miles).
Total Road Network (2024)	181,655.68km
Railway Network	The railway system of mainland Tanzania has a total track length of 6,793 kilometers with two separate networks, run by two separate organizations. These are the Tanzania – Zambia Railway Authority (TAZARA), which maintains and operates 1860 km network including the Tanzania-Zambia railway line from Dar es Salaam to Kapiri Mposhi in Zambia, and Tanzania Railways Corporation (TRC) which maintains and operates over 4,933 km network including Tanzania's railway links to Kenya and Uganda.
Major Airports	JNIA, KIA , Mtwara, Mwanza, Arusha and Songwe
Ports Network	There are three (3) Main ports along coast namely Dar es Salaam , Mtwara and Tanga ports at Indian Ocean. Other Small Ports along coast includes Kilwa, Lindi, Mafia, Pangani and Bagamoyo. Main ports along lakes includes Mwanza north and south, Kigoma and Kyela , other Small Ports along lakes includes Kasanga Kibirizi ports at Lake Tanganyika, Bukoba, Kemondo bay, Nansio and Musoma at Lake Victoria and Itungi, Manda, Mbamba bay, Liuli ports at Lake Nyasa

Particular	Data/Information
Major Mountains	Mt Kilimanjaro, Mt Meru, and Mt. Rungwe
Major Rivers	River Rufiji, River Wami , River Ruvuma, River Kagera, River Songwe and River Pangani
Major Lakes	Lake Victoria (68,800km ²), Lake Tanganyika (32,900km ²), Lake Nyasa (29,600km ²) and Lake Rukwa (5,760km ²)

Figure 1: Trunk and Regional Roads Network Map

CHAPTER TWO

RECURRENT AND DEVELOPMENT BUDGET STATUS

2.1 Introduction

This Chapter briefly explains the trend of Recurrent and Development Budget. The budget includes the approved budgets, annual releases and expenditures in the respective financial years. The budgets are in line with plans and targets as described in the National Development Vision 2025, National Five Years Development Plan 2021/22-2025/26, Ruling Party Election Manifesto (2020), Sustainable Development Goals (2030), Sectoral Policies, Ministry Strategic Plan 2021/22 – 2025/26 and other National Policy objectives and initiatives.

2.2 Recurrent Budget

The Recurrent budget is for execution of Other Charges. Details of the approved budget for 2024/25 and amount released against budget by 30th June 2024, is shown in **Table 2.1** below.

Table 2. 1: Recurrent Budget, Releases and Expenditure

Financial year	Approved budget (Tshs. Million)	Released fund up to 30th June (Tshs.Million)	Expenditure up to 30th June (Tshs.Million)	% of Releases vs Budget	% of Expenditure vs Releases
2019/20	36,282.75	32,841.42	32,817.61	90.52	99.93
2020/21	40,143.33	34,661.81	26,540.67	86.35	76.57
2021/22	38,548.46	37,700.27	37,631.69	97.80	99.82
2022/23	44,134.54	40,046.88	34,836.70	90.74	86.99
2023/24	48,395.392	60,280.02	60,222.65	96	99.9

Source: MoW, 2024

2.3 Development Budget

The Development budget is for execution of Development Projects. Details of the approved budget for 2024/25 and amount released against budget by 30th June 2024, is shown in **Table 2.2** below.

Table 2. 2: Development Budget against Funds Released

Financial year	Approved Budget (Tshs. Billion)			Cumulative Amount Released (Tshs. Billion)			% of Fund Released
	Local	Foreign	Total	Local	Foreign	Total	
2019/20	1,914.76	304.05	2,218.81	1,720.92	304.05	2,024.97	91.26
2020/21	1,472.40	325.36	1,797.77	1,264.44	325.078	1,589.52	88.42
2021/22	1,510.23	300.00	1,810.23	1,668.38	299.96	1,968.34	108.73
2022/23	1,124.56	252.97	1,377.54	1,350.72	423.29	1,774.01	129
2023/24	1,081.97	335.18	1,417.15	1,283.23	427.50	1,710.73	120.7

Source: MoW, 2024

2.4 Conclusion

The Recurrent and Development budget show a positive trajectory over the past five years from the baseline year (2019/2020) to the most recent year (2023/2024) as indicated above. This upward trend, suggests that there is adequate efforts by the Government to enhance infrastructure quality. Such improvements can enhance connectivity, attract investment, and support economic growth, which is critical for Tanzania's development agenda. The next Chapter will inform the Public on issues implemented by Institutions under the Ministry of Works.

CHAPTER THREE

INSTITUTIONS UNDER THE MINISTRY OF WORKS

3.1 Introduction

The Ministry of Works Institutions whose data have been collected and analyzed include Tanzania National Roads Agency (TANROADS), Tanzania Electrical, Mechanical and Electronic Services Agency (TEMESA), Tanzania Building Agency (TBA), Roads Fund Board (RFB), National Construction Council (NCC) and regulatory bodies i.e. Contractors Registration Board (CRB), Engineers Registration Board (ERB), Architect and Quantity Surveyors Registration Board (AQRB). Other Institutions includes Institute of Construction Technology (ICoT) and The Corporations Sole Works Superintendent (CSWS). The respective collected and analyzed summary data of these Institutions have been given below:-

3.2 Tanzania National Roads Agency

The Tanzania National Roads Agency (TANROADS) is responsible for the maintenance and development of the Trunk and Regional Roads in Tanzania Mainland. TANROADS was established on 1st July, 2000 by an order published in the Government Gazette, Notice No. 293 of 2000 under Section 3(1) of the Executive Agencies Act No. 30 of 1997, with the expectation of witnessing a significant improvement in road maintenance and development with respect to quality,

efficiency and cost-effectiveness. The Agency is responsible for the management of 37,225.91km of Trunk Roads and Regional Roads according to the Roads Act No. 13 of 2007 and subsequent reclassification up to December, 2024.

The Agency specifically has established the Maintenance Directorate from which all roads maintenance issues are technically and administratively handled. This Directorate is responsible for overall preparation, coordination and budgeting control of roads and bridges maintenance program as stipulated in the TANROADS Strategic and Business Plans. The Directorate has country-wide Regional Offices which are responsible for monitoring and supporting Trunk and Regional Roads to ensure inter-regional movements as well as weighbridge operations to regulate amount of loads carried by vehicles.

3.2.1 Classified Road Network

The total classified road network in Tanzania Mainland is estimated to 181,655.68km as of December, 2024. The Ministry of Works, through Tanzania National Roads Agency (TANROADS) is managing the National Road Network of about 37,225.91km comprising 12,336.02km of Trunk and 24,889.89km of Regional Roads. The remaining road network of about 144,429.77km of Urban, District and Feeder Roads is under the responsibility of the President's Office-Regional Administration and Local Government (PORALG) through Tanzania Rural and Urban Roads Agency (TARURA).

3.2.2 Road Classification

Paved Roads

These are roads provided with a water resistant pavement designed to withstand traffic wear. They include bituminous surface dressing, asphalt pavements and concrete roads.

Unpaved “Gravel Roads”

These roads are mainly engineered and provided with drainage and running surface of gravel materials.

Unpaved “Earth Roads”

These are the roads formed or shaped by use of compacted local material. Mostly, these are within the District and Village roads. The current inventory of this category is not well established.

3.2.3 Road Conditions

Good Condition

Roads are classified under this category if they are free from defects and require only routine maintenance to keep them in that state. Road condition can objectively be measured by roughness index which indicate the extent of rutting and surface cracking. For gravel roads, gravel loss is also used to measure condition. The driving comfort for paved and gravel roads range between 100-120 km/h and 70-80km/h respectively.

Fair Condition

Under this category, it is anticipated that the road will have significant defects and requires both routine and periodic maintenance to prevent failure. The driving speed for paved and unpaved roads range from 70 - 90 and 20 - 40km/h respectively.

Poor Condition

Poor roads can be termed as those with pavement failure for over 20 percent of the paved area, as shown by rutting and cracking. For gravel roads failure will result in parts of the sub-grade to be exposed and significantly deformed. Roads in poor condition require rehabilitation or reconstruction to bring them to the original condition. Results of the survey carried out by TANROADS on national road condition is shown in **Table 3.2** and **Table 3.3**

Table 3. 1: National Road Network of Tanzania

Year	Category	Paved (Km)	Unpaved (Km)	Total (Km)
2020	Trunk Roads	8,658	3,518	12,176
	Regional Roads	2,008	22,074	24,082
	Total	10,666	25,592	36,258
2021	Trunk Roads	9,058	3,157	12,216
	Regional Roads	2,270	21,877	24,146
	Total	11,328	25,034	36,362

Year	Category	Paved (Km)	Unpaved (Km)	Total (Km)
2022	Trunk Roads	9,429	2,794	12,223
	Regional Roads	2,538	21,999	24,537
	Total	11,967	24,793	36,760
2023	Trunk Roads	9,452	2,884	12,336
	Regional Roads	2,577	22,313	24,890
	Total	12,029	25,197	37,226
2024	Trunk Roads	9,567	2,961	12,527
	Regional Roads	2,636	22,271	24,908
	Total	12,202.68	25,232	37,435

Source: TANROADS, 2024

Table 3. 2: Condition of Trunk and Regional Roads

Road Class	Condition of National Road Networks								Total	
	Good				Fair				Poor	
	Km	Percent (%)	Km	Percent	Km	Percent	Km	Percent	Km	Percent
Trunk (paved)	5,672.17	59	2,436.89	25	1,477.45	72	1,457.44	15	9,566.50	100
Trunk (unpaved)	285.75	14	1,477.45	72	282.45	14	2,045.65	100		
Regional (paved)	921.17	35	1,172.31	45	520.39	20	2,613.87	100		
Regional (unpaved)	3,217.32	15	15,096.14	71	2,867.27	14	21,180.74	100		
Total Surveyed National Roads Network	10,096.41	29	20,182.79	57	5,127.55	14	35,406.75	100		

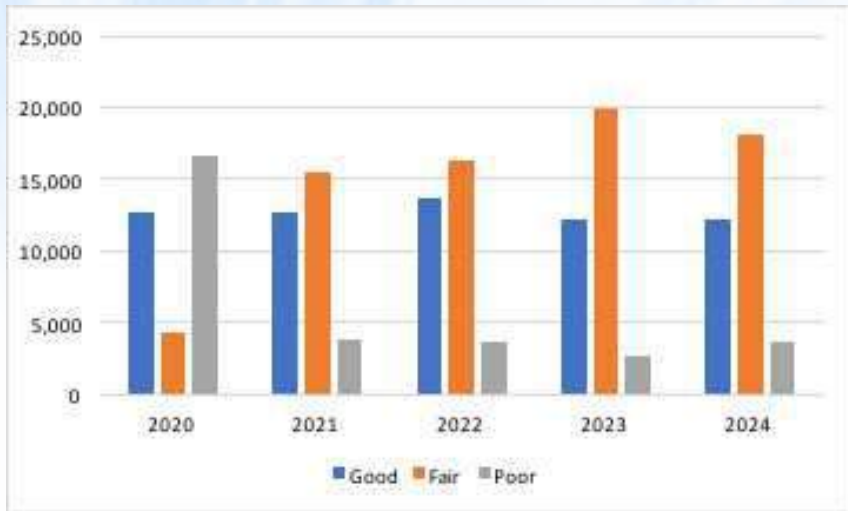
Note: The total road network was not covered due to the fact that , 2,028.29km were not surveyed due to the reasons that road works were in progress, others were impassable and some are under TANAPA.

Source: TANROADS, 2024**Table 3. 3: Condition of Trunk and Regional Roads, (2020– 2024)**

Year	Good		Fair		Poor		Total	
	km	%	km	%	km	%	km	%
2020	12,722	40	15,500	48	3,853	12	32,075	100
2021	12,676	38	17,432	51	3,614	11	33,722	100
2022	13,647	41	16,312	49	3,614	11	33,572	100
2023	12,196	35	19,872	57	2,705	8	34,772	100
2024	10,096	29	20,183	57	5,128	14	35,407	100

Source: TANROADS, 2024

Figure 2: Condition of Trunk and Regional Roads, (2020 – 2024)



Source: TANROADS, 2024

Table 3. 4: Distribution of Trunk and Regional Roads by Region and Surface

Region	Trunk Roads (km)			Regional Roads (km)			Other Roads (km)			Total Network (km)		
	Paved	Unpaved	Total	Paved	Unpaved	Total	Paved	Un-paved	Total	Paved	Unpaved	Total
Arusha	367.97	212.85	580.82	111.10	783.45	894.55	0.81	16.94	17.75	479.88	1,013.24	1,493.12
Coast	503.66	0.00	503.66	49.71	826.04	875.75	0.00	0.00	0.00	553.37	826.04	1,379.41
Dar es Salaam	119.99	0.00	119.99	263.02	157.86	420.88	59.18	18.96	78.14	442.19	176.82	619.01
Dodoma	552.19	0.00	552.19	52.10	1,102.93	1,155.03	0.00	0.00	0.00	604.29	1,102.93	1,707.22
Geita	236.18	0.00	236.18	164.44	539.64	704.08	2.66	76.21	78.87	403.28	615.85	1,019.13
Iringa	393.48	67.35	460.83	42.05	714.83	756.88	0.00	0.00	0.00	435.53	782.18	1,217.71
Kagera	630.86	230.73	861.59	169.90	993.83	1,163.73	0.00	50.95	50.95	800.76	1,275.51	2,076.27
Katavi	276.41	318.05	594.46	49.40	557.95	607.35	0.00	0.00	0.00	325.81	876.00	1,201.81
Kigoma	484.88	214.45	699.33	24.00	698.57	722.57	0.00	135.50	135.50	508.88	1,048.52	1,557.40
Kilimanjaro	292.74	0.00	292.74	227.14	535.63	762.77	4.26	39.06	43.32	524.14	574.69	1,098.83
Lindi	347.97	0.00	347.97	57.18	901.54	958.72	0.00	0.00	0.00	405.15	901.54	1,306.69
Manyara	206.59	0.00	206.59	51.65	1,398.75	1,450.40	0.00	0.00	0.00	258.24	1,398.75	1,656.99
Mara	219.67	190.06	409.73	173.32	803.22	976.54	0.00	63.38	63.38	392.99	1,056.66	1,449.65
Mbeya	389.23	182.31	571.54	80.10	627.66	707.76	0.00	124.04	124.04	469.33	934.01	1,403.34
Morogoro	510.07	339.35	849.42	189.96	1,031.85	1,221.81	0.00	0.00	0.00	700.03	1,371.20	2,071.23

Region	Trunk Roads (km)			Regional Roads (km)			Other Roads (km)			Total Network (km)		
	Paved	Unpaved	Total	Paved	Unpaved	Total	Paved	Un-paved	Total	Paved	Unpaved	Total
Mtwara	277.64	0.00	277.64	166.79	858.29	1,025.08	0.00	0.00	0.00	444.43	858.29	1,302.72
Mwanza	261.86	0.00	261.86	31.81	857.98	889.79	0.05	22.80	22.85	293.72	880.78	1,174.50
Njombe	256.37	147.05	403.42	151.26	716.99	868.25	0.00	156.91	156.91	407.63	1,020.95	1,428.58
Rukwa	298.35	117.51	415.86	80.93	754.05	834.98	0.00	0.00	0.00	379.28	871.56	1,250.84
Ruvuma	702.52	218.13	920.65	34.24	1,211.31	1,245.55	0.00	0.00	0.00	736.76	1,429.44	2,166.20
Shinyanga	228.65	88.41	317.06	39.50	729.18	768.68	0.57	91.43	92.00	268.72	909.02	1,177.74
Simiyu	213.51	119.53	333.04	20.12	505.39	525.51	0.00	66.99	66.99	233.63	691.91	925.54
Singida	430.18	242.69	672.87	61.82	983.62	1,045.44	0.00	0.00	0.00	492.00	1,226.31	1,718.31
Songwe	233.63	0.00	233.63	23.17	778.61	801.78	0.00	0.00	0.00	256.80	778.61	1,035.41
Tabora	804.65	272.47	1,077.12	44.75	1,028.62	1,073.37	3.00	34.60	37.60	852.40	1,335.69	2,188.09
Tanga	327.25	0.00	327.25	206.19	1,275.86	1,482.05	0.00	0.00	0.00	533.44	1,275.86	1,809.30
TOTAL	9,566.50	2,960.94	12,527.44	2,565.65	21,373.64	23,939.30	70.53	897.77	968.30	12,202.68	25,232.36	37,435.04

Source: TANROADS, 2024

Table 3. 5: Ongoing Projects

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
1	Upgrading of Makongorosi - Rungwa - Itigi - Mkiwa road to Bitumen Standard; Lot 7(a): Noranga - Itigi (Mlongoji) section (25km)	25	29.770	GoT	76
2	Upgrading of Makongolosi - Rungwa - Itigi - Mkiwa road to Bitumen Standard lot 7b: Noranga - Doroto (6 km) and Itigi - Mkiwa (25.6km) section (31.569 km)	31.6	39.989	GoT	4
3	Upgrading of Sabasaba - Sepuka - Ndago - Kizaga (77.4km) regional road to Bitumen Standard	77.4	88.5832	GoT	Under mobilization
4	Upgrading of Ifakara - Kihansi (124km) road to Bitumen Standard, lot1: Ifakara - Mbingu	62.5	97.1780	GoT	Under Mobilization
5	Upgrading of Ifakara - Kihansi (124km) road to Bitumen Standard, lot 2: Mbingu-Chita	37.5	70.8240	GoT	Under Mobilization
6	Upgrading of Kongwa jct - Ngambi -Mpwapwa (32.0 km) and Mpwapwa - Gulwe - Kibakwe (46.9 km) road to bitumen standard lot 1: Kongwa jct - Ngambi - Mpwapwa (32 km)	32	53.710	GoT	Under mobilization
7	Tanroads HQ building		42.271	GoT	69

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
8	Design and build for upgrading of Karatu - Mbulu - Maswa (389km) road to Bitumen Standard, lot 1: Mbulu - Garbabi (25km)	25	35.172	GoT	33
9	Upgrading of Mianzini - Olemringaringa - Ngaramtoni Juu & Olemringaringa - Sambasha/ Timbolo roads to Bitumen Standard	18	22.668	GoT	47
10	Upgrading of Karatu - Mbulu - hydom - Sibiti River - Lalago - Maswa (398km) to Bitumen Standard; lot 2: Labay - Haydom Section (25km) under design and build contract	25	42.271	GoT	Under mobilization
11	Upgrading of Matai - Kasesya (50km) road to Bitumen Standard; lot 1: Matai - Tatanda Section	25	37.35	GoT	42
12	Upgrading of Matai - Kasesya (50km) road to Bitumen Standard; lot 2: Tatanda - Kasesya Section	25	36.365	GoT	Under mobilization
13	Upgrading of Ntendo - Muze - Kilyamatundu (179km) road to Bitumen Standard; lot 1: Ntendo - Kizungu Section	25	45.290	GoT	50
14	Design and build for upgrading of Kibaoni - Sitalike (74km) road to Bitumen Standard, lot 1: Kibaoni - Mlele junction (50km)	50	88.725	GoT	15

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
15	Upgrading of Mpanda-Uvinza-Kanyani (250.44km) road to Bitumen Standard; lot 2: Vikonge - Luhafwe section	25	35.630	GoT	60
16	upgrading of Mpanda-Uvinza-Kanyani (250.44km) road to Bitumen Standard; lot 3: Luhafwe - Mishamo/ Bulamata jct section	37.35	58.629	GoT	15
17	Upgrading of Kagwira – Ikolo – Karema (112km) Road to Bitumen Standard; Lot 1: Kagwira – Kasekese Road Section (54.144km)	54.144	106.948	GoT	Under Mobilization
18	Nanganga – Ruangwa – Nachingwea Road (108.9 km) Lot 1: Nachingwea – Ruangwa (57.6km)	55.7	76.664	GoT	2.5
19	Nanganga – Ruangwa – Nachingwea Road (108.9 km) Lot 2: Ruangwa – Nanganga (53.2km)	53.2	50.735	GoT	82
20	Tanga – Pangani – Makurunge (174.5 km) - Tanga – Pangani section	50	68.481	GoT	75
21	Handeni – Kibirashi –Kibaya – Njoro – Goima – Chambalo – Chemba – Kwa Mtoro – Singida - Lot 1: Handeni - Mafuleta	20	24.893	GoT	45

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
22	Handeni – Kibirashi –Kibaya – Njoro – Goima – Chambalo – Chemba – Kwa Mtoro – Singida Lot 2: Mafuleta - Kileguru	30	38.122	GoT	Under Mobilization
23	Kibondo Town link (Nduta jct –Kibondo Town-Kibondo jct)	25.9	31.900	GoT	53.36
24	Upgrading of Kibondo - Mabamba (47.925km) to Bitumen Standard	47.925	63.756	GoT	31
25	Makutano – Natta – Mugumu/Loliendo – Mto wa Mbu (Sanzate – Natta Section)	40	51.085	GoT	41
26	Tarime – Mugumu Road (86.05 km) Lot 1: Mogabiri - Nyamongo (25km)	25	34.662	GoT	54
27	Upgrading of Tarime – Mugumu (86.05km) road to Bitumen Standard; lot 2: Tarime – Mogabiri road Section (9.3km) and Nyamongo – Mugumu road Section (48.15km)	61.09	81.149	GoT	Under Mobilization
28	Construction of Simiyu bridge (150m) and its approach roads (3.0 km) to Bitumen Standard in Mwanza Region under the design and build type of contract	0.15	48.788	GoT	20

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
30	Upgrading of Kitai – Lituhi road (84.5 km) to Bitumen Standard; lot 1: Amani Makoro – Ruanda Section (35km)	35	60.481	GoT	37
31	Kitai – Lituhi including Mnywamaji Bridge (90 km) Lot 2: Ruanda – Ndumbi Port	50	95.756	GoT	Under Mobilization
32	Upgrading of Sibiti bridge approach roads to Bitumen Standard (24.83 km)	24.83	21.776	GoT	0.05
33	Itoni – Ludewa – Manda; Itoni – Lusitu Section	50	95.946	GoT	23
34	Isyonje – Kikondo – Makete; Kitulo – Iniho Section (36.3)	36.3	69.754	GoT	15
35	Rehab of Igawa – Uyole – Songwe Tunduma road (218km): lot 3: Nsalaga – Ifisi (29km) widening to dual carriageway (no vat)	29km	138.727	GoT	19
36	Kigongo – Busisi (J.P. Magufuli) Bridge and its Approach Roads	3	592.61	GoT	95
37	Construction of lower Mpii (140m) and approach roads (2.3km) to Bitumen Standard	0.14	18.4	GoT	Under mobilization

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
38	Upgrading of Sungusila - Nzera - Nkome road (20.365 km) to Bitumen Standard including Nkome ferry ramp under design and building contract	20.365	42.98	GoT	Under mobilization
39	Upgrading of Kyerwa - Omurushaka road (50km) to Bitumen Standard under design and build	50	94.34	GoT	3
40	Upgrading of Bugene - Kasulo (Benaco) - Kumunazi road (128.5km) to Bitumen Standard; lot 2: Bugene - Burigi Chato National Park Section (60.0km)	60	92.84	GoT	41
41	Upgrading of Kagera Sugar Junction - Kakunyu road to Bitumen Standard; Kagera Sugar Junction - Kitengule Junction Section	25	54.79	GoT	0
42	Construction of Mbambe bridge (81m) and approach roads (3.0km) to Bitumen Standard	0.081	24.16	GoT	19
43	Upgrading of Nyamwage - Utete road to Bitumen Standard	33.7	43.42	GoT	7.81

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
44	Upgrading of Tamco - Vikawe - Mapinga (23km) road to Bitumen Standard, lot ii: Pangani - Mapinga Section (13.59 km)	13.59	17.86	GoT	9.3
45	Upgrading of Kibada - Mwasonga - Kimbiji/Songani jct - Kimbiji center (41 km) to Bitumen Standard; package 1: Kibada - Mwasonga - Songani jct section (26.7 km) and package 2: Songani jct - Kijaka jct - Kimbiji Section (14.3 km)	41	83.89	GoT	10
46	Ntyuka - Mvumi - Makulu road (8.6km) and Kikombo jct - Chololo - Mapinduzi (tpdf hq) road (16.4km)	25	38.64	GoT	49
47	Upgrading of Ntyuka jct - Mvumi - Kikombo jct 976.0 km) and Chololo - Mapinduzi - (tpdf hq) (5 km) roads to Bitumen Standard lot 1: Ntyuka - Mvumi Hospital - Kikombo Road Section	53	98.49	GoT	Under Mobilization
48	Upgrading of Same - Kisiwani - Mkomazi (100.5 km) road to Bitumen Standard; lot 2: Ndungu - Mkomazi Section (36 km)	36	59.78	GoT	1.06
49	Upgrading of Katumba - Mbambo - Tukuyu (79.4km) to Bitumen Standard : lot 4 : Mbaka - Kibanja Section (20.7km)	20.7	32.04	GoT	Under Mobilization

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
50	Upgrading of Isongole ii - Kasumulu - Ipyana - Katumba Songwe Regional (114.3km) including Ndembo - Isoko spur road (5.914km) and Muungano - Ipyana Section (0.658) to Bitumen Standard. lot 1: Isongole ii - Ndembo Section (46.5km) including Ndembo - Isoko spur Road (5.914km).	46.5	74.167	GoT	Under Mobilization
51	Upgrading of Katumba - Mbambo - Tukuyu (79.4km) to Bitumen Standard : lot 3 : Katumba - Lupaso Section (35.3km)	35.3	54.08	GoT	Under Mobilization
52	Upgrading of Morogoro (Bigwa) - Mvuha road to Bitumen Standard including Ruvu (64 m) and Mvuha (60 m) bridges	78	132.02	GoT	Under Mobilization
53	Upgrading of Ubena Zomozi - Ngerengere road to Bitumen Standard	11.6	20.54	GoT	Under Mobilization
54	Upgrading of Mkange - Tungamaa - Pangani Road (120.8km) including Pangani Bridge (525m) to Bitumen Standard: Lot 3: Tungamaa - Mkwaja - Mkange (95.2km) including 3.7 km Spur Road to Kipumbwi	95.2 KM	94.540	AfDB & GoT	44.89

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
55	Upgrading of Mkange-Tungamaa-Pangani Road (120.8km) including Pangani Bridge (525m) to Bitumen Standard: Lot 2:Construction of Pangani Bridge (525m) & Upgrading of Its Approach Roads (14.3Km), Ushongo Spur Road (5.9 Km) and Pangani Access Road (5.4 km)	Bridge - 525m, Road - 25.6km	82.190	AfDB & GoT	50.44
56	Construction of Kizengi Weighbridge Including Fixing of Reflectors and Solar Street Lighting along Tabora – Nyahua – Chaya Road		15.058	KFAED	0.254
57	Kigoma – Kidahwe – Uvinza – Kaliua – Tabora (165 km); Malagarasi - Ilunde-Uvinza	51.1	62.760	AfDB&GoT	56
58	Kigoma – Kidahwe – Uvinza – Kaliua – Tabora (165 km); Urambo – Kaliua – Ilunde – Uvinza Road (Kazilambwa – Chagu section)	36	48.65	OPEC	53.4
59	Brt Phase 2, lot 1: road works	20.3	217.480	AfDB/GoT	99
60	Brt Phase 3, lot 1: roadworks	23	231.664	WB	65.31
61	Brt Phase 4,	lot 1: roadworks	174.380	WB	9.1
		lot 2: roadworks	193.856	WB	14.55
		lot 3: building	60.984	WB	9

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
62	Brt Phase 1 improvement (package A)		83.89	WB	14.7
63	Brt Phase 1 improvement (package B)		19.83	WB	8
64	Brt Phase 1 improvement (package B)		19.83	WB	8
65	Songwe/Kasumulu - Tanzania/ Malawi boarder (OSBP)	1	26.426	IDA/GoT	92.45
66	Refurbishment of 20 health facilities - lot 3	1	1.322	IDA/GoT	75
67	Rehabilitation, construction and expansion of ems lot 2	1	0.436	IDA/GoT	85
68	Rehabilitation of Lusahunga – Rusumo Road Section	92	153.564	IDA/GoT	18
69	Upgrading of Mnivata - Newala - Masasi Road to Bitumen Standard ; Lot 1: Mnivata - Mitesa (100 km)	100	141.96	ADF	15.6
70	Upgrading of Mnivata - Newala - Masasi Road to Bitumen Standard ; Lot 2: Mitesa - Masasi (60 km)	60	92.55	ADF	21.86
71	Upgrading of Kagwira – Ikola – Karema road (112km) to Bitumen Standard; lot 2: Kasekese –Ikola -Karema (56.9km).	56.9	112.141	OPEC	0

S/N	Project Name	Length in km	Contract Sum TZS (Billion)	Financier	Progress (%)
72	Upgrading of Kahama-Bulyanhulu JCT-Kakola (73km) Road to Bitumen Standard	73	100.604	Barrick Bulyanhuru Gold Mine	33
73	Upgrading of Iringa (Ipogolo) - Kilolo Road (33.61 Km) to Bitumen Standard in Iringa Region	33.61	60.144	WB	29.51
74	Upgrading of Iringa - Msembe Road (104 Km) to Bitumen Standard	104	112.62	WB	Under Mobilization
75	Msalato International Airport - phase 1 : lot 1 (package 1: infrastructure)	3.6	165.627	AfDB/GoT	81.7
76	Msalato International Airport - phase 1 : lot 1 (package 2: building)		194.403	AfDB/GoT	50.5
77	Musoma Airport	1.6	35.048	GoT	57
78	Rehabilitation and upgrading of Tabora Airport (phase iii)	1.9	27.032	EIB/GoT	84
79	Rehabilitation and upgrading of Shinyanga Airport	1.9	44.803	EIB/GoT	73.5
80	Rehabilitation and upgrading of Sumbawanga Airport	1.725	55.908	EIB/GoT	40
81	Rehabilitation and upgrading of Kigoma Airport (phase ii)	1.725	55.908	EIB/GoT	13.5

Source: TANROADS, 2024

3.3 Tanzania Electrical, Mechanical and Electronics Services Agency

Tanzania Electrical, Mechanical and Electronics Services Agency (TEMESA) is established under the Ministry of Works, with the aim of providing efficient and effective electrical, mechanical and electronic services, reliable and safe ferry transport services and hiring of equipment to government institutions and the public at large. The Agency was established on 25th August 2005 in accordance with the Executive Agencies Act No. 30 of 1997. The overall objective of the Agency is to provide efficient and effective electrical, mechanical and electronics' services as well as reliable and safe ferry services to the general public. The Agency also aims to provide quality and reliable services related to the hiring of equipment to government institutions and the general public.

3.3.1 Ferries

Tanzania Electrical, Mechanical and Electronics Services Agency (TEMESA) has a total of 31 ferries all over the country few are not operational. **Table 3.6** and **Table 3.7** provide the number of ferries operated by TEMESA, their capacities and Ferry Traffic Count respectively.

Table 3. 6: Status of Ferries and their Capacities in each Location

S/N	OPERATIONAL LOCATION	REGION	S/N	NAME OF FERRY	FERRY CAPACITY	YEAR OF MANU - FACTURE	STATUS
1.		Dar es Salaam	1.	MV Magogoni	500 (Pass - 2,000, Car - 60)	2008	Non Operational. Under rehabilitation.
2.	Magogoni - Kigamboni	Dar es Salaam	2.	MV Kigamboni	170 (Pass - 800, Car - 22)	1990	Non Operational. Under rehabilitation.
3.		Dar es Salaam	3.	MV Kazi	170 (Pass - 800, Car - 22)	2017	Operational
4.	Ilagala - Kajeje	Kigoma	4.	MV Malagarasi	50 (Pass - 100, Car - 6)	2012	Operational
5.	Kilambo - Namoto	Mtwara	5.	MV Kilambo	50 (Pass - 100, Car - 6)	2013	Non-operational due to security reasons in Namoto.
6.	Msanga Mkuu - Msembo	Mtwara	6.	MV Mafanikio	50 (Pass - 100, Car - 6)	2014	Operational
7.	Musoma - Kinesi	Mara	7.	MV Musoma	85 (Pass - 330, Car - 10)	2011	Operational
8.	Iramba - Majita	Mara	8.	MV Mara	25 (Pass - 50, Car - 4)	1971	Operational

S/N	OPERATIONAL LOCATION	REGION	S/N	NAME OF FERRY	FERRY CAPACITY	YEAR OF MANU - FACTURE	STATUS
9.	Mpanga - Ngoheranga	Morogoro	9.	MV Kilombero II	50 (Pass – 100, Car – 6)	2007	Non-operational. Under major rehabilitation. To be shifted to Kikove – Ngoherera station which is under construction.
10.	Rusumo - Nyakiziba	Kagera	10.	MV. Ruvuvu	35 (Pass – 80, Car – 4)	2011	Operational
11.		Kagera	11.	MV Old Ruvuvu	7 (Pass – 50, Car – 2)	1975	Non Operational. Under rehabilitation.
12.	Kasharu - Buganguzi	Kagera	12.	MV Kyanyabasa	7 (Pass – 50, Car – 2)	2005	Operational
13.	Mafia - Nyamisati	Pwani	13.	MV Kilindoni	100 (Pass – 200, Car – 10)	2021	Operational
14.	Utete - Mkongo	Pwani	14.	MV Mkongo	15 (Pass – 40)	2017	Operational
15.	Pangani - Bweni	Tanga	15.	MV Pangani II	50 (Pass – 100, Car – 6)	2008	Non Operational. Under rehabilitation.
16.		Tanga	16.	MV Tanga	50 (Pass – 100, Car – 6)	2016	Operational

S/N	OPERATIONAL LOCATION	REGION	S/N	NAME OF FERRY	FERRY CAPACITY	YEAR OF MANU - FACTURE	STATUS
17.	Kigongo - Busisi	Mwanza	17.	MV Misungwi	250 (Pass - 1000, Car - 36)	2008	Operational
18.		Mwanza	18.	MV Sengerema	170 (Pass - 490, Car - 24)	1985	Operational
19.		Mwanza	19.	MV Mwanza	250 (Pass - 100, Car - 34)	2018	Operational
20.	Bugorola - Ukara	Mwanza	20.	MV Nyerere	25 Tons (100 Passengers)	2004	Non Operational. Under rehabilitation.
21.		Mwanza	22.	MV UKARA II "HAPA KAZI TU"	100 (Pass - 300, Car - 10)	2020	Operational
22.		Mwanza	23.	MV Ukara I	25 (Pass - 70)	1978	Non Operational. Under rehabilitation.
23.	Mwanza Mijini (Irunda - Lucheletele)	Mwanza	24.	MV TEMESA	65 (Pass - 120, Car - 6)	1968	Operational
24.	Kisorya - Rugezi	Mwanza	25.	MV Ujenzi	85 (Pass - 330, Car - 10)	2011	Operational

S/N	OPERATIONAL LOCATION	REGION	S/N	NAME OF FERRY	FERRY CAPACITY	YEAR OF MANU - FACTURE	STATUS
25.	Nyakarilo – Kome	Mwanza	26.	MV Kome II	40 (Pass – 100, Car – 4)	2008	Operational
26.		Mwanza	21.	MV Sabasaba	85 (Pass – 330, Car – 10)	1970	Non Operational. Waiting for rehabilitation.
27.	Kayenze – Bezi – Bukimwi	Mwanza	27.	MV Ilemela	100 (Pass – 200, Car – 10)	2019	Operational
28.	Kahunda - Maisome	Mwanza	28.	MV Tegemeo	100 (Pass – 200, Car – 10)	2014	Operational
29.	Chato – Muharamba Chato– Nkome	Geita	29.	MV Chato I	75 (Pass – 200, Car – 6)	1977	Non-operational. Under minor rehabilitation.
30.		Geita	30.	MV Chato II “HAPA KAZI TU”	100 (Pass – 200, Car – 10)	2020	Operational
31.	Mwaya – Kajunjumele	Mbeya	31.	MV Ruhuhu	50 (Pass – 100, Car – 6)	2008	Non Operational. Under rehabilitation.
32.	Lindi – Kitunda	Lindi	32.	MV Kitunda	50 (Pass – 100, Car – 6)	2010	Operational

Source: TEMESA, 2024

Table 3. 7: TEMESA Ferry Traffic Count January-December, 2024

FERRY STATION	ADULTS	CHILDREN ≤14 YRS	BICYCLE & M / CYCLE	PK- G<50Kg PKG>50 Kg&PKG >50 Kg&	CARTS & T/ CYCLE& PSG/ TCYCL	CATTLE & OTHER D/ANI- MAL	SALOON &P/Up ≤1.5ton	SWG	MIN BUS≤15 PSG≤29 PSG, VEH >29PSG, VEH>2T	TRAC- TOR & TRAC- TOR & TRAIL- ER	LORIES 830 TONE& USES>45 PSG	HEAVY TRUCK PLANT ARHT MOVER &HEAV &EQUIT
Magogoni Ferry	15,853,389	1,591,431	415,839	12,131	39,307	2,751	153,482	65,679	11,669	160	348	0
Kigongo/ Busisi	4,076,562	1,590,339	95,385	48,896	7,696	5,660	45,333	3,640	22,641	213	2,496	368
Kisoriya/ Rugezi	308,997	5,034	90,323	13,349	6,006	4,524	44,001	12,696	20,404	107	4,779	787
Nyakaliro/ Kome	347,172	812	43,962	12,973	967	470	1,494	2,423	3,175	31	386	15
Bugolora/ Ukara	190,180	10,740	150,730	33,117	4,587	488	17,352	1,176	2,266	28	333	20
Chato	52,980	5,050	423	2,081	17	301	9	18	88	0	11	0
Mafia/Nyamisati	197,574	2,704	66,760	3,722	5,604	1,943	35,737	2,603	9,291	71	2,405	386
Ilagata (Kigoma)	108,411	14	17,962	342	499	624	327	1,373	2,561	0	126	11
Kilambo	37,414	2,102	101	2,782	142	0	122	98	84	1	50	4
Pangani	380,207	7,926	13,378	3,400	271	541	652	761	1,018	5	89	2
Ruhuhu	79,250	807	28,587	3,445	1,528	624	1,512	1,582	1,819	26	244	2
Kyanyabasa	25,238	6,650	27,520	4,379	1,130	662	1,053	1,574	1,515	15	206	5
Urete Rifiiji	32,966	1,715	6,465	1,328	35	72	441	57	115	0	0	0
Ruvuvu	19,898	388	7,983	4,610	4	423	666	220	104	1	0	0
Musoma	215,248	51,983	31,429	3,710	1,063	2,370	1,364	443	698	5	70	6

Temesa	75,074	8,371	27,379	7,467	1,299	380	1,302	1,336	999	19	332	20
Mara	58,104	4,381	3,284	3,264	210	613	29	85	3	0	1	1
Kahunda/ Maisome	256,913	7,946	1,744	21,454	157	272	210	67	75	11	26	0
Kitunda	163,279	9,779	28,832	20,760	880	289	971	701	699	3	32	26
Msanga Mkuu	227,535	7,380	40,016	17,591	4,265	149	2,173	448	408	5	18	0
Illemela	210,369	7,917	9,833	10,294	1,140	47	735	466	212	4	105	41
GRAND TOTAL	22,916,760	3,323,469	1,107,935	231,095	76,807	23,203	308,965	97,446	79,844	705	12,057	1,694

Source: TEMESA, 2024

3.3.2 Motor Vehicle and Plant Registration

The registration of Motor Vehicle and Plant is coordinated at the Ministry level through the Division of Technical Services.

Table 3.8 provides detailed information.

Table 3. 8: Motor Vehicle and Plant Registration

Year	Registration (1 st January to 31 st December 2024)						
	Category	Plate Numbers			Type		
		From	To	Total	Motor Vehicle	Motor Cycle	Plant
2020	STL	7636	9009	1,374	664	710	0
	DFPA	7677	8540	864	292	552	20
	STA	298	298	1	1	0	0
	PT	4511	4567	57	27	30	0
	CW	6737	6753	17	0	0	17
	MT	382	383	2	2	0	0
	UT	273	304	32	21	11	0
	ZT	43	61	19	19	0	0
	Total			2,366	1,026	1,303	37
2021	STL	9010	9999	990	736	254	0
	STM	0001	0016	16	16	0	0
	STA	299	312	14	14	0	0
	DFPA	8541	9007	467	194	271	2
	PT	4568	4586	19	19	0	0
	CW	6754	6756	3	0	0	3
	MT	384	391	8	8	0	0
	UT	305	325	21	16	5	0
	ZT	62	82	21	16	5	0
	Total			1,559	1019	535	5

Year	Registration (1 st January to 31 st December 2024)						
	Category	Plate Numbers			Type		
		From	To	Total	Motor Vehicle	Motor Cycle	Plant
2022	STM	0017	2676	2660	978	1682	0
	DFPA	9008	9413	406	120	252	34
	STA	315	322	8	8	0	0
	PT	4590	4740	151	110	41	0
	CW	6757	6774	18	0	0	18
	MT	392	408	17	17	0	0
	UT	326	332	7	4	3	0
	ZT	83	111	29	24	5	0
	01JU	0	171	171	145	5	21
	02JU	0	341	341	286	15	40
	03JU	0	248	248	191	42	15
	04JU	0	582	582	263	285	34
	Total			6,197			
2023	STM	2677	8296	5620	1716	3904	0
	STA	323	334	12	12	0	0
	DFPA	9414	9999	586	370	105	111
	DFFB	0000	0018	18	18	0	0
	PT	4741	5052	312	200	112	0
	CW	6775	6787	13	0	0	13
	MT	409	424	8	8	0	0
	UT	333	369	16	16	0	0
	ZT	112	126	15	15	0	0
	01JU	172	187	16	13	2	1
	02JU	342	547	206	180	0	26
	03JU	249	287	37	37	0	0
	04JU	583	786	204	72	115	17
	Total			7,661			

Year	Registration (1 st January to 31 st December 2024)						
	Category	Plate Numbers			Type		
		From	To	Total	Motor Vehicle	Motor Cycle	Plant
2024	STM	8297	9999	1703	132	1571	0
	STN	0001	4505	4505	1489	3014	2
	STA	391	391	1	1	0	0
	DFPB	0019	0732	714	440	248	26
	PT	5053	5423	371	114	257	0
	CW	6788	6803	16	0	0	16
	MT	425	436	12	12	0	0
	UT	370	388	19	4	15	0
	ZT	127	156	30	30	0	0
	01JU	188	211	24	20	0	4
	02JU	548	561	14	7	0	7
	03JU	288	296	9	7	0	2
	04JU	787	866	80	50	28	2
	Total			7498			
Key: ST – Serikali ya Tanzania; DFPA – Donor Fund Project; STA – State; PT – Police Tanzania; MT – Magereza Tanzania; UT – Uhamiaji Tanzania; ZT – Zimamoto Tanzania; CW – Plant ; JU-Jeshi la Uhifadhi							

Source: MoW, 2024

3.4 Tanzania Building Agency

Tanzania Buildings Agency (TBA) is the government's Executive Agency under the Ministry of Works (MoW) with a primary mandate of providing quality accommodation to Government and public servants as well as building consultancy services to the Government. The Agency was established in May 2002 in accordance with the Executive Agencies Act No. 30 of 1997 as a transformation of the Building Department (BD) within the Ministry of Works.

In recent years the Government extended services countrywide leading to increased demand of accommodation especially in Dodoma city. TBA is committed to ensure availability of quality and affordable accommodation to the Government and Public Servants all over the country. A list of Government Houses and Plots countrywide owned by TBA is indicated in **Table 3.9** and **Table 3.10**

Table 3. 9: Number of Government Countrywide

SN.	Region	Total	Public Servants	Non-Public Servants	Houses for Government Leaders	Workshops
1	Arusha	191	81	110	0	1
2	Dar es Salaam	961	222	739	93	2
3	Dodoma	1101	990	111	20	1
4	Geita	54	53	1	0	0
5	Iringa	191	108	83	0	1

6	Kagera	254	57	197	0	2
7	Katavi	50	50	0	0	0
8	Kigoma	145	134	11	0	0
9	Kilimanjaro	272	121	151	0	1
10	Lindi	184	176	8	0	1
11	Manyara	99	79	20	0	0
12	Mara	158	158	0	0	1
13	Mbeya	108	48	60	0	1
14	Morogoro	204	158	46	0	1
15	Mtwara	271	37	234	0	2
16	Mwanza	515	230	285	0	2
17	Njombe	84	82	2	0	0
18	Pwani	127	116	11	0	0
19	Rukwa	72	39	33	0	0
20	Ruvuma	107	102	5	0	1
21	Shinyanga	134	74	60	0	0
22	Simiyu	33	13	20	0	0
23	Singida	104	100	4	0	0
24	Songwe	77	76	1	0	0
25	Tabora	130	56	74	0	1
26	Tanga	847	276	571	0	1
Total		6473	3636	2837	113	19

Source: TBA, 2024

Table 3. 10: Number of Plots Countrywide

Sn.	Region	Survey Status			Title Deed Status		
		Sur-veyed	Unsur-veyed	Total	Titled	Untitled	Total
1	Arusha	104	14	118	73	45	118
2	Dar es Salaam	413	1	414	231	183	414
3	Dodoma	393	16	409	112	297	409
4	Geita	17	3	20	9	11	20
5	Iringa	141	21	162	87	75	162
6	Kagera	86	10	96	40	56	96
7	Katavi	10	1	11	5	6	11
8	Kigoma	95	20	115	0	115	115
9	Kilimanjaro	119	14	133	82	51	133
10	Lindi	83	8	91	52	39	91
11	Manyara	119	16	135	100	35	135
12	Mara	75	8	83	60	23	83
13	Mbeya	39	0	39	23	16	39
14	Morogoro	403	34	437	399	38	437
15	Mtwara	182	10	192	86	106	192
16	Mwanza	305	9	314	113	201	314
17	Njombe	33	23	56	15	41	56
18	Pwani	68	3	71	2	69	71
19	Rukwa	75	7	82	0	82	82
20	Ruvuma	89	13	102	0	102	102
21	Shinyanga	126	6	132	56	76	132
22	Simiyu	57	3	60	19	41	60
23	Singida	103	2	105	0	105	105
24	Songwe	14	2	16	4	12	16

25	Tabora	76	6	82	35	47	82
26	Tanga	315	82	397	244	153	397
Grand Total		3,540	332	3,872	1,847	2,025	3,872

Source: TBA, 2024

NOTE: Since TBA establishment, The Agency has acquired a total of **3,872** plots in Tanzania Mainland. Among those plots **3,540** are surveyed and **332** are not surveyed. TBA is putting much emphasis on acquiring title deeds of all its plots, whereby **1,847** plots have been provided with title deeds and **2,025** plots have no title deeds.

3.5 Roads Fund Board

The Roads Fund Board (RFB) was established under the Road and Fuel Tolls Act, Cap 220. The Road Fund Board is Responsible for disbursing funds which are used in maintenance activities related to road works for both National Roads and District Roads.

The purpose of the Roads Fund is to provide an adequate and stable flow of funds for road maintenance and rehabilitation and to enhance the transparency between revenues collected from road users and the spending on the road network. It would further provide a direct linkage between the road users and the road agencies that are spending the money to provide an agreed service.

3.5.1 Road Maintenance Activities

Road maintenance means all works carried out to preserve the various components of a road in the required condition in order to provide safe and effective passage to the road users. The components (maintenance scope) include the pavement, shoulders, drainage, road signs, structures and ancillary works.

(i) Routine Maintenance

This term incorporates all the activities previously defined separately as routine and recurrent maintenance. The term routine maintenance shall therefore mean all maintenance works required continuously or at intervals on every road whatever its engineering characteristics or traffic volume, and comprises of activities such as grass cutting, drain cleaning, culvert and bridge cleaning and – maintenance, road furniture

and bridge guide rails maintenance, paved road patching, edge repair, crack sealing, and line remarking, and also unpaved road grading, shaping, and pothole repairs.

(ii) Bridge Maintenance

The term bridge maintenance means localized maintenance works on bridges that aim to repair or restore the bridge and its various components to the original specification. Upgrading by widening or improving a bridge beyond its original design shall be included under Development activities.

(iii) Spot Improvement

The term spot improvement means localized maintenance works carried out on short sections (typically 1 km or less) of roads in order to ensure a reasonable level of pass ability, and comprises of activities such as road surface repairs, embankment repairs, culvert and drainage repairs, localized road reshaping and re-gravelling, and the construction of diversion. Spot improvement is usually done due to the excessively poor condition of a road over a short section that threatens the flow of traffic. Spot improvement can be used on both paved and unpaved roads; and includes some works previously defined as emergency maintenance.

(iv) Emergency Maintenance

The term emergency maintenance means all maintenance activities required to open or repair roads, bridges and other parts of the road infrastructure after a natural or other unforeseen disaster like fire, major accidents that cause damage to the road and natural events like floods. Repairs to

roads and bridges that have deteriorated over time cannot be included in this category.

(v) Periodic Maintenance

The term periodic maintenance works carried out at intervals of several years. Some activities included here are also referred to as preventative maintenance. Typical activities on paved roads include resealing, overlays of less than 100 mm, fog sprays and shoulder re-forming. Pavement layer reconstruction or the addition of a pavement layer must not be included here, but under rehabilitation. The maintenance needs for the road related activities has been always bigger compared to the budgeted funds every year which on turn create a big financing gap both routine maintenance and periodic maintenance as shown in the **Table 3.11** and **Table 3.12** respectively.

Table 3. 11: Routine Maintenance for the financial year 2019/20 to 2023/24

Financial Year	2019/20	2020/21	2021/22	2022/23	2023/24
Routine Maintenance Needs (in TZS. Billion)	308.8	199.7	215.17	359.49	362.28
Routine Maintenance Budget (in TZS. Billion)	183.6	189.6	197.14	207.57	207.57
Percentage Coverage	59.4	95	91.6	57.7	57.2

Source: RFB, 2024

Figure 3: Routine Maintenance Needs Against Budget and Percentage Coverage

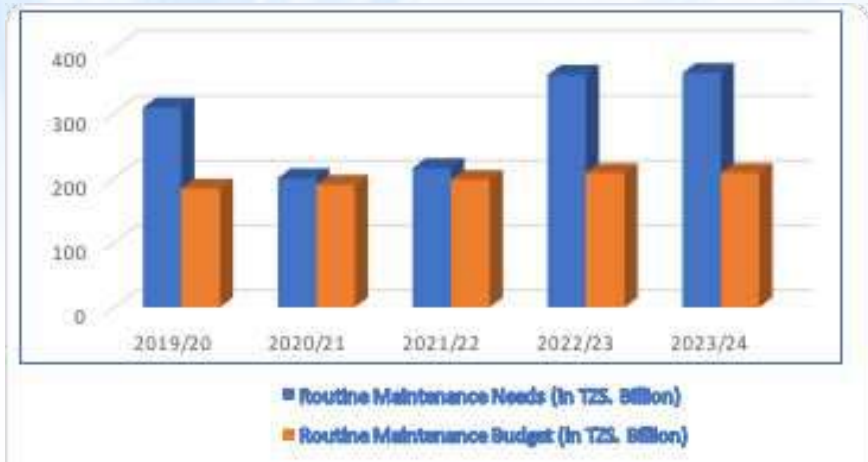
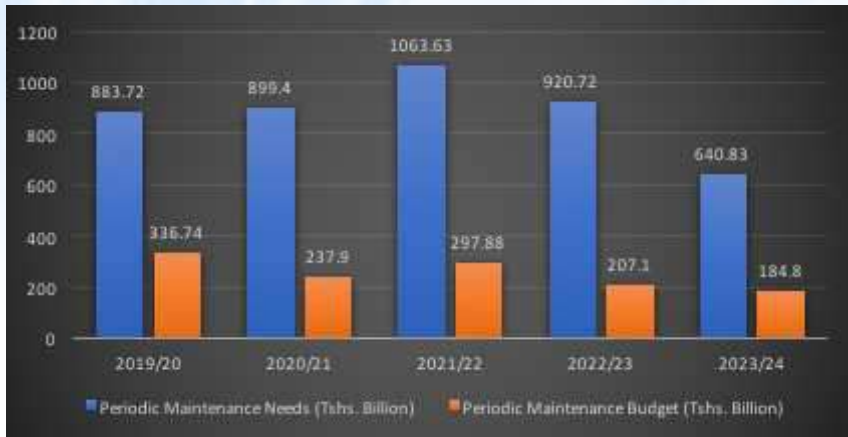


Table 3. 12: Periodic Maintenance for the financial year 2019/20 to 2023/24

Financial Year	2019/20	2020/21	2021/22	2022/23	2023/24
Periodic Maintenance Needs (Tshs. Billion)	877.5	984.8	1,063.60	920.7	640.83
Periodic Maintenance Budget (Tshs. Billion)	286.7	314.2	297.9	207.1	184.8
Percentage Coverage	33	32	23	22	29

Source: RFB, 2024

Figure 4: Periodic Maintenance Needs Against Budget and Percentage Coverage



Source: RFB, 2024

3.6 Contractors Registration Board

The Contractors Registration Board (CRB) is a Government Regulatory Board under the Ministry of Works established by Act of Parliament No 17 of 1997 with the objective to register and regulate all types of Contractors and to promote the development of their capacities for the purpose of protecting consumers of construction services in Tanzania.

Table 3. 13: Number of Registered Contractors

Type	Class									Total
	I			II	III	IV	V	VI	VII	
	L	F	To-tal							
Building	133	50	183	151	99	384	1294	1271	1086	4468
Civil Works	104	71	175	110	123	391	1310	1930	758	4797
Electrical	57	58	115	78	28	157	333	170	336	1217
Mechanical	11	22	33	14	7	50	107	89	63	363
Specialist Building	8	3	11	7	5					23
Specialist Civil	24	20	44	87	1445					1576
Specialist Electrical	60	26	86	220	202					508
Specialist Mechanical	60	38	98	157	199					454
Subtotal -Permanent	457	288	745	824	2108	982	3044	3460	2243	13406
Temporary	34	87	121	14	14	25	14	2	0	190
GRAND TOTAL	491	375	866	838	2122	1007	3058	3462	2243	13596

Source: CRB, 2024

Note: Reduction in the number of registered contractors in the year 2024 emanates from deletions due to non-compliance with registration requirements for permanent contractors and expiry of registration periods for temporary contractors.

Table 3. 14: Number of Registered Contractors by Type

Years/ Type	Build- ings	Civil works	Electri- cal	Me- chanical	Spe- cialists	Tempo- rary Con- tractors
2020	234	251	73	27	263	79
2021	229	284	91	28	236	76
2022	360	430	109	37	305	100
2023	499	629	136	50	391	102
2024	483	609	160	57	429	74

Source: CRB, 2024

Table 3. 15: Cumulative Number of Registered Building Contractors by Class

Class	2020	2021	2022	2023	2024
I	135	146	161	185	183
II	60	79	100	132	151
III	67	73	84	98	99
IV	326	346	380	424	384
V	982	1037	1141	1326	1294
VI	994	1080	1218	1377	1271
VII	1761	1793	1830	1871	1086

Source: CRB, 2024

Note: Reduction in the number of registered contractors in the year 2024 emanates from deletions due to non-compliance with registration requirements for permanent contractors and expiry of registration periods for temporary contractors.

Table 3. 16: Number of Registered Building Contractors

Class	2020	2021	2022	2023	2024
I	3	11	15	24	13
II	9	19	21	32	36
III	3	6	11	14	18
IV	23	20	34	44	53
V	66	55	104	185	166
VI	81	86	138	159	176
VII	49	32	37	41	21
TOTAL	234	229	360	499	483

Source: CRB, 2024

Note: Reduction in the number of registered contractors in the year 2024 emanates from deletions due to non-compliance with registration requirements for permanent contractors and expiry of registration periods for temporary contractors.

Table 3. 17: Cumulative Number of Civil Contractors by Class

Class	2020	2021	2022	2023	2024
I	94	101	108	137	175
II	29	43	61	95	110
III	70	80	101	123	123
IV	309	336	368	429	391
V	857	927	1048	1243	1310
VI	1504	1639	1841	2108	1930
VII	1245	1266	1295	1316	758

Source: CRB, 2024

Note: Reduction in the number of registered contractors in the year 2024 emanates from deletions due to non-compliance with registration requirements for permanent contractors and expiry of registration periods for temporary contractors.

Table 3. 18: Number of Registered Projects

Sn	Year	Number of Projects		Value of Projects (Tshs. Billion)	
		Local	Foreign	Local	Foreign
1	2020	3,067	102	1,761.7	2,032.7
2	2021	3,772	99	2,795.8	2,359.6
3	2022	3,871	141	3,088.5	3,049.0
4	2023	4,401	135	3,610.3	4,894.5
5	2024	4,559	128	4,241.7	6,230.8

Source: CRB, 2024

3.7 Engineers Registration Board

Engineers Registration Board (ERB) is a statutory body established under the Act of Parliament No. 15 of 1997 as amended by the Engineers Registration Act No. 24 of 2007.

The function of ERB is to regulate and monitor engineering practice in Tanzania through promotion of engineering excellence among local engineers, engineering technicians and engineering consulting firms with a view to enhance their competitiveness and professionalism in the engineering practice”

Table 3. 19: Number of Engineering Consulting Firms Registered

Category	Year				
	2020	2021	2022	2023	2024
Local firm	17	8	13	14	12
Foreign Firm	5	5	3	6	6
Total	22	13	16	20	18

Source: ERB, 2024

Table 3. 20: Registration of Engineers by Discipline

Discipline	Category							Total	%
	GIE	GE	IE	PE	TPE	CE	TCE		
Civil	277	9844	192	4310	2001	359	126	17109	41.73%
Mechanical / industrial / Automobile	161	3869	87	1197	325	47	10	5696	13.89%
Electrical	153	4735	140	1228	349	51	12	6668	16.26%
Electronics & Telecommunications	105	2070	46	413	112	13	2	2761	6.73%
Environmental	28	1084	22	358	25	20	3	1540	3.76%
Mining/Mineral/Processing/	0	1595	2	311	107	5	2	2022	4.93%
Petroleum/Oil and Gas									

Discipline	Category							Total	%
	GIE	GE	IE	PE	TPE	CE	TCE		
Aeronautical/Air-craft	0	39	0	6	0	0	0	46	0.11%
Agricultural/Irrigation & Water Resources	2	1538	1	315	26	3	2	1887	4.60%
Chemical & Process	1	795	2	193	18	5	1	1015	2.48%
Marine	4	35	7	26	7	0	0	79	0.19%
Computer & IT/Software	0	1247	3	179	22	1	3	1452	3.54%
Textile	0	54	0	4	2	0	0	60	0.15%
Geotechnical/Geology	0	94	0	23	121	6	1	245	0.60%
Food and Biochemical	0	92	0	17	0	0	0	109	0.27%
Electromechanical	0	159	1	58	11	7	1	237	0.58%
Biomedical	0	71	0	0	0	0	0	71	0.17%
TOTAL	731	27321	503	8638	3127	517	160	40,997	100%

Source: ERB, 2024

Table 3. 21: Registered Engineering Consulting Firms**Category 1: Local Engineering Consulting Firms**

S/N	Discipline	Number of Registered firms				
		2020	2021	2022	2023	2024
1	Civil/Structural/Water/Geo-tech	13	6	10	8	8
2	Mechanical/Electrical/ Electromechanical	3	1	3	3	3
3	Telecommunication & ICT/Computer	0	0	0	2	0
4	Environmental	1	1	0	0	0
5	Mining/Petroleum/Oil & Gas	0	0	0	1	1
	Total	17	8	13	14	12

Source: ERB, 2024

Category 2: Foreign Engineering Consulting Firms

S/N	Discipline	Number of Registered firms				
		2020	2021	2022	2023	2024
1	Civil/Structural/Water/ Geo-tech	2	3	2	4	4
2	Mechanical/Electrical/ Electromechanical	2	1	1	1	2
3	Telecommunication & ICT/Computer	1	0	0	0	0
4	Environmental	0	0	0	0	0
5	Mining/Petroleum/Oil & Gas	0	1	0	1	0
	Total	5	5	3	6	6

Source: ERB, 2024

Category 2: Total Local and Foreign Engineering Consulting Firms

S/N	Discipline	Number of Registered firms				
		2020	2021	2022	2023	2024
1	Civil/Structural/Water/ Geo-tech	15	9	12	12	12
2	Mechanical/Electrical/ Electromechanical	5	2	4	4	5
3	Telecommunication & ICT/ Computer	1	0	0	2	0
4	Environmental	1	1	0	0	0
5	Mining/Petroleum/Oil & Gas	0	1	0	2	1
	Total	22	13	16	20	18

Source: ERB, 2024

3.8 Architects and Quantity Surveyors Registration Board

Architects and Quantity Surveyors Registration Board was established by the Architects and Quantity Surveyors (Registration) Act No 16 of 1997, which was repealed and replaced by Act No 4 of 2010; and among its activities is to register and regulate conducts of Architects, Quantity Surveyors, Interior Designers, Landscape Architects, Conservation Architects, Naval Architects, Furniture Architects, Building Surveyors and Construction Managers.

Table 3. 22: Number of Registered professionals

Year	Architects			Quantity Surveyors			Building Surveyors			Landscape Architects			Interior Designers			Construction Managers			Architectural Technologists		
	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total
2020	507	30	537	543	2	545	23	-	23	5	-	5	11	-	11	35	-	35	11	-	11
2021	549	31	580	637	2	639	24	-	24	6	-	6	17	-	17	35	-	35	15	-	15
2022	559	32	591	624	3	627	27	-	27	7	-	7	20	-	20	36	-	36	24	-	24
2023	580	30	610	681	3	684	25	-	25	14	-	14	24	-	24	39	-	39	37	-	37
2024	615	30	645	770	3	773	35	-	35	19	-	19	26	-	26	44	-	44	54	-	54

Source: AQRB, 2024

Table 3. 23: Registered Firms

Year	Project Manager			Architectural Firms			Quantity Surveying firms			Architectural Technology firms			Building Survey firms			Interior Design firms			Landscape Architecture firms			Project management firms		
	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total
2020	3	-	3	255	9	264	139	1	140	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-
2021	6	-	6	266	9	275	146	1	147	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-
2022	6	-	6	268	5	273	152	1	153	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-
2023	9	-	9	276	4	280	152	1	153	5	-	5	1	-	1	1	-	1	-	-	-	-	-	-
2024	15	-	15	294	4	298	162	1	163	7	-	7	1	-	1	2	-	2	1	-	1	3	-	3

Source: AQRB, 2024

Table 3. 24: Number of Registered Semi Professional

Year	Graduate Architects	Graduate Interior Design	Graduate Landscape Architects	Graduate Quantity Surveyors	Graduate Building Surveyors	Graduate Construction Managers	Graduate Architectural Technicians	Graduate Architectural Draftsman	Graduate Architectural Technologists
2020	213	26	18	265	25	31	23	19	76
2021	247	34	21	380	25	33	23	19	99
2022	273	34	22	445	27	33	25	20	117
2023	109	14	22	396	3	8	31	20	133
2024	164	22	43	457	4	11	39	20	219

Source: AQRB, 2024

Table 3. 25: Number of registered practising Firms

S/N	Firms	Year 2020			Year 2021			Year 2022			Year 2023			Year 2024		
		Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total
1	Architectural firms	12	-	12	14	-	14	4	-	4	19	-	19	17	1	18
2	Quantity Surveying firms	10	-	10	9	-	9	11	-	11	8	-	8	10	-	10
3	Building Surveying	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
4	Landscape Architectural firms	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
5	Architectural Technology firms	-	-	-	-	-	-	-	-	-	5	-	5	2	-	2
6	Interior Designing firms	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
7	Construction Management firms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Project Management firm	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Total				22			23			15			32			36

Source: AQRB, 2024

Table 3. 26: Inspected Construction Projects

S/N	Area of Inspection	2020	2021	2022	2023	2024
		Number of inspected projects	Number of inspected projects	Number of inspected projects	Number of inspected projects	Number of inspected projects
1	Eastern Zone	1219	1238	1465	1823	1978
2	Lake zone	192	442	607	657	867
3	North-ern Zone	105	273	443	615	674
4	Central Zone	238	520	381	817	775
5	South-ern Zone	108	355	338	762	612
Total		1862	2828	3234	4674	4906

Source: AQRB

Table 3. 27: Registered Construction Projects

S/N	Area of Registration	2020	2021	2022	2023	2024
		Number of Registered projects	Number of Registered projects	Number of Registered projects	Number of Registered projects	Number of Registered projects
1	Eastern Zone	672	608	723	672	749
2	Lake zone	102	157	192	238	248
3	North- ern Zone	59	127	119	199	233
4	Central Zone	105	75	78	140	207
5	South- ern Zone	54	62	46	147	179
Total		992	1029	1158	1396	1616

Source: AQRB

Table 3. 28: Enrolled Trainees in EAP-Programme (EAPP)

S/N	Profession	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Total
		Enrolled Number of Graduates	Enrolled Number of Graduates	Enrolled Number of Graduates	Enrolled Number of Graduates	Enrolled Number of Graduates	
1	Architect	26	19	17	19	16	97
2	Architectural Technologist	13	23	15	27	32	110
3	Building Surveyor	-	-	-	-	-	-
4	Construction Managers	-	-	-	-	-	
5	Interior Designers	5	3	3	-	2	13
6	Landscape Architects	5	3	2	4	8	22
7	Project Manager	-	-	-	-	-	
8	Quantity Surveyor	41	75	69	92	44	321
Total		90	123	106	142	102	563

Source: AQRB

Table 3. 29: Professionals Participated in Capacity Building Training Programme

Nature of Professional Training	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Total
	Number of participants	Number of participants	Number of participants	Number of participants	Number of participants	
Continuing Professional Development (CPD)	352	131	396	583	434	1896
Annual Meetings	359	481	518	583	863	2804
Consultative Meetings	-	-	150	75	-	-
Tailor Made	-	17	-	-	-	17
Total	711	629	1,064	1,241	1,297	4,717

Source: AQRB

Table 3. 30: Registered Architectural Technicians and Draughtsman

S/N	Profession	Year 2020			Year 2021			Year 2022			Year 2023			Year 2024		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Architect	-	-	-	-	-	-	4	-	4	5	-	5	5	1	6
2	Quantity Surveyor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Building Surveyor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Landscape Architects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Architectural Technologist	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Interior Designers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Construction Managers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Project Manager	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total			0			0			4			5			6

Source: AQRB

3.9 National Construction Council

The National Construction Council (NCC) is a body corporate established under the National Construction Council Act of 2008, Chapter 162. The functions of the Council is to promote and provide strategic leadership for the growth, development and expansion of the Construction Industry in Tanzania with emphasis on the development of the local capacity for social-economic development and competitiveness in the changing global environment. Other core functions includes research and information dissemination and monitoring the implementation of standards and price fluctuation within the industry as indicated in **Table 3.31**

Additionally, the National Construction Council (NCC) of Tanzania plays a pivotal role in facilitating arbitration and disputes resolution within the Construction Industry. **Table 3.33** and **Table 3.34** shows the number of registered disputes and arbitrators.

Table 3. 31: Price Fluctuation Formula Indices for Building Works

Date	Labour	Cement	Reinfo- ment	Aggregate	CI Sheets	Z'purlins	Softwood	Hardwood	Emulsion paint	Galvanised steel pipe	Fuel [Diesel]	PFFC	IC = (100 x PFFC) + 100
	Lc	Cc	Rc	AG c	Gic	Zc	SWc	HWc	Pc	Gc	Fc		
Jan.2023	103.6573	8.9280	8.6130	5.2412	4.6247	6.1254	4.7446	4.5389	0.3749	0.4766	8.7667	156.0912	15709.12
Feb	103.6573	8.9280	8.4362	5.2412	4.6247	6.1254	4.7446	4.5389	0.3749	0.4766	8.2600	155.4078	15640.78
March	103.6573	8.9280	8.6130	5.2412	4.6247	4.0930	4.7446	4.9135	0.1823	0.4766	8.3267	153.8008	15480.08
April	103.6573	8.9280	8.7897	5.2412	4.3770	4.9720	4.7446	4.5389	0.1823	0.4766	7.5720	153.4797	15447.97
May	103.6573	8.9280	8.7897	5.2412	4.3770	4.9717	4.7446	4.5389	0.1823	0.8248	7.6360	153.8915	15489.15
June	103.6573	8.9280	8.4362	5.2412	4.4124	5.4349	4.7446	4.5389	0.1608	0.8248	7.0787	153.4578	15445.78
July	103.6573	9.6164	8.4362	5.2412	4.0894	5.2386	4.7446	4.5389	0.1608	0.8248	6.7640	153.3122	15431.22
Aug	103.6573	9.6164	8.6130	5.2412	4.4135	5.8976	4.7446	4.5389	0.1608	0.8248	7.8067	155.5147	15651.47
Sept	103.6573	9.6164	8.4362	5.2412	4.4499	5.1993	4.7446	5.2926	0.1608	0.8248	8.6707	156.2938	15729.38
Oct	103.6573	10.133	8.4362	5.2412	4.5833	6.0074	5.2349	5.2926	0.1608	0.8248	9.1747	158.7459	15974.59
Nov	103.6573	9.6164	8.4362	5.2412	4.9149	5.2916	4.9720	5.2926	0.1608	0.8248	8.9773	157.3851	15838.51
Dec	103.6573	9.6164	8.4362	5.2412	4.9088	5.2916	4.9720	5.2926	0.1608	0.8248	8.5827	156.9844	15798.44

Date	Labour	Cement	Reinfo- rce- ment	Aggregate	CI Sheets	Z'purlins	Softwood	Hardwood	Emulsion paint	Galvanised steel pipe	Fuel [Diesel]	PFFC	IC = (100 x PFFC) + 100
	Lc	Cc	Rc	AG c	Glc	Zc	SWc	HWc	Pc	Gc	Fc		
Jan.2024	103.6573	9.6164	8.6130	5.2412	4.9027	5.2246	4.9720	5.2926	0.1608	0.8248	8.1880	156.7604	15776.04
Feb	103.6573	9.6164	8.6130	7.2227	4.9027	5.5728	5.1900	5.2926	0.1608	0.8248	8.0573	158.7623	15976.23
March	103.6573	9.6164	8.6130	6.5622	4.9064	5.5728	4.4341	5.2926	0.1608	0.8248	8.3160	158.1332	15913.32
April	103.6573	9.7196	8.6130	6.5622	4.9064	5.5728	4.4341	5.2926	0.1608	0.8248	8.5400	158.4604	15946.04
May	103.6573	9.7196	8.6130	6.5622	4.9064	5.5728	4.4341	5.2926	0.1608	0.8248	8.5027	158.4231	15942.31
June	103.6573	9.7196	8.6130	6.5622	4.9772	5.5728	4.4341	5.2926	0.1608	0.7355	8.2787	158.1805	15918.05
July	103.6573	9.7196	8.6130	6.5622	5.0775	5.5728	4.4341	5.2926	0.1608	0.7355	8.2867	158.2888	15928.88
Aug	103.6573	9.7196	8.6130	6.5622	5.0775	5.5728	5.4315	5.2926	0.1608	0.7355	8.3293	159.3289	16032.89
Sept	103.6573	9.7196	8.6130	6.5622	5.0775	4.8063	4.6564	5.2926	0.1608	0.7355	8.0093	157.4673	15846.73
Oct	103.6573	10.408	8.6130	6.5622	5.0775	5.4045	4.6565	5.2926	0.1608	0.7355	7.5693	158.3139	15931.39
Nov	103.6573	10.408	8.6130	6.5622	5.0775	5.4045	5.2968	5.2926	0.1608	0.7355	7.5640	158.9489	15994.89
Dec	103.6573	10.408	8.6130	5.9017	4.7213	5.4045	5.2968	5.2926	0.1608	0.7355	7.3907	157.7588	15875.88

Source: NCC, 2024

Table 3. 32: Number of Labour Material Indices and Price Fluctuation Formula Indices

S/N	Year	Labour material Indices (LMI) sold to customers	Price Fluctuation Formula Indices (PFFI)
1	2023	93	62
2	2024	109	57

Source: NCC, 2024

Table 3. 33: Cumulative number of registered disputes as of December, 2024

S/N	Year		Adjudication	Arbitration
1	2023		22	20
2	2024		35	25

Source: NCC, 2024

Table 3. 34: Number of NCC panel arbitrators/Adjudicators by professional

S/N	Professionals	Number on panel arbitrators	Number on panel adjudicators
1	Civil/Mechanical/Electrical Engineers	15	19
2	Quantity/Chartered/Building Surveyors	11	18
3	Architect	1	2
4	Lawyers/Advocate	23	-
TOTAL		50	39

Source: NCC, 2024

3.10 Institute of Construction Technology

3.10.1 Introduction

The Ministry of Works has established the Institute of Construction Technology (ICoT) registered with NACTE with registration number REG / SAT / 035. The institute was established by merging the former Morogoro Works Training Institute (MWTI) with the Appropriate Technology Training Institute (ATTI) of Mbeya under the Ministry of Works and Transport (Works). The headquarters of this Institute (Main Campus) is located in Morogoro where the Morogoro Works Training Institute (MWTI) and the Branch (Campus) are located in Mbeya.

3.10.2 Students Enrollment

The ICoT enrol students to the following Courses; Basic Certificate Courses (NTA LEVEL 4), Certificate Courses (NTA LEVEL 5) and Ordinary Diploma Courses (NTA LEVEL 6). Other Courses includes Vocational Education and Training (VET) and Short Courses as shown in **Table 3.35**, **Table 3.36** and **Table 3.37**

Table 3. 35: Basic Certificate Courses (NTA LEVEL 4)

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Civil Engineering	25	5	30
2	Electrical Engineering	36	9	45
3	Mechanical Engineering	36	2	38

Source: ICoT, 2024

Table 3. 36: Certificate Courses (NTA LEVEL 5)

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Civil Engineering	19	2	21
2	Electrical Engineering	32	4	36
3	Mechanical Engineering	23	4	27

Source: ICoT, 2024

Table 3. 37: Ordinary Diploma Courses (NTA Level 6)

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Civil Engineering	11	7	18
2	Electrical Engineering	33	4	37
3	Mechanical Engineering	18	1	19

Source: ICoT, 2024

Table 3. 38: Vocational Education and Training (VET)**(i) First Year**

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Auto Electrical	35	3	38
2	Domestic Electrical Installation	42	13	55
3	Motor Vehicle Mechanics	11	4	15
4	Plumbing And Pipe Fittings	31	24	55
5	Road Construction	5	2	7
	TOTAL	124	46	170

Source: ICoT, 2024

(ii) Second Year

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Auto Electrical	45	2	47
2	Civil Draughting	2	0	2
3	Domestic Electrical Installation	48	7	55
4	Motor Vehicle Mechanics	23	0	23
5	Plumbing And Pipe Fittings	23	23	46
6	Road Construction	11	3	14
7	Welding And Metal Fabrication	8	0	8
	TOTAL	160	35	195

Source: ICoT, 2024

(iii) Third Year

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Auto Electrical	5	2	7
2	Civil Draughting	1	0	1
3	Domestic Electrical Installation	3	33	36
4	Motor Vehicle Mechanics	7	1	8
5	Plumbing And Pipe Fittings	9	5	14
6	Road Construction	0	1	1
	TOTAL	25	42	67

Source: ICoT, 2024

Table 3. 39: Short Courses

S/N	Courses Title	Number of Students		
		Male	Female	Total
1	Basic Motor Vehicle Driving	334	26	360
2	Passenger Services Vehicles - PSV	2	113	115
	TOTAL	336	139	475

Source: ICoT, 2024

3.11 The Corporations Sole Works Superintendent

Corporation Sole Works Superintendent was established by an act of Parliament of the United Republic of Tanzania, no. 23 of 1974 and President`s Order, the Corporation sole (Works Superintendent) order, of 1976 by Government Notice No. 26 published on 13 February, 1976.

This is a semi-autonomous construction department in relation to the Ministry of Works. It has a legal status of suing or being sued and it operated commercially, pays taxes and has been registered with the Contractors Registration Board in class I for Building and class II for Civil Works. Corporation Sole Works Superintendent (CSWS) is headed by a Works Superintendent as the General Manager reporting to the Permanent Secretary, Ministry of Works.

The functions of Corporation Sole Works Superintendent since its inception is to undertake the construction and maintenance works in maintenance works in commercial basis in Buildings and Civil Works as well as doing all things or acts and undertaking all enterprises connected with or relating with Construction works.

Table 3. 40: Ongoing Projects as of December, 2024

Sn	Project Name	Project Period	Contract Sum (Tshs. Billion)	Status of Work (%)
1	Construction of Lecture Theatre Building for the Centre of Foreign Relations (CFR) Kurasini Dar es Salaam	12 Months	4,450,359,568.80	23
2	Construction of Office Building (Wing A) for Regional Administration and Local Government at Mtumba, Dodoma	24 Months	20,291,116,856.67	76
3	Construction of Office Building (Wing A) for Ministry of Works and Transport at Government City Mtumba, Dodoma	24 Months	28,749,877,240.12	77.5
4	Construction of Office Building (Wing A) for Ministry of Foreign Affairs and East African Cooperation at Mtumba, Dodoma	24 Months	21,946,486,862.12	85
5	Rehabilitation of Out Patient Department and Administration Block in Morogoro Region	90 Days	396,793,150.00	100
6	Construction of Musoma-Kinesi Landing Ramps	120 Days	540,875,000.00	0
7	Construction of Bukimwi Ferry Landing Ramp in Mwanza Region	90 Days	466,638,372.00	60
8	Construction of Ferry Landing Ramps at Buyagu-Mbalika in Mwanza Region	240 Days	1,264,829,180.00	70

Sn	Project Name	Project Period	Contract Sum (Tshs. Billion)	Status of Work (%)
9	Construction of Proposed Vaccine Production Building for Tanzania Veterinary Laboratory Agency at TVI, Kibaha	2 Years	2,565,000,000.00	30
10	Construction of Proposed Library – Cum – Lecture Hall for Mwl. Nyerere Memorial Academy at Kivukoni Campus	30 Months	14,993,815,543.56	38
11	Rehabilitation of Vice President Residential House at Kilimani in Dodoma	1 Year	103,831,150.00	100
12	Construction of Karagwe District Commissioner's Office Phase II	12 Months	903,450,097.00	98
13	Construction of Passenger's Lounge, Office, Ticket booth, Office, Toilets, Fence and Parking at Chato in Geita Region.	15 Months	365,088,460.00	90
14	Construction of Proposed Administration Block at Nachingwea District Council	2 Years	600,000,000.00	37
15	Rehabilitation of the Vice President's Office Building at Lithuli II – Dar es Salaam		711,325,011.79	66
16	Partitioning and Renovation Works at GPSA HQ Dsm	9 Months	212,598,880.00	55
17	Rehabilitation of TEMESA Workshop in Mara Region	6 Months	599,033,569.04	30

Sn	Project Name	Project Period	Contract Sum (Tshs. Billion)	Status of Work (%)
18	Rehabilitation of TEMESA Workshop Mwanza	28 Months	550,756,150.00	70
19	Construction of Kahama District Commissioner's Office Block in Shinyanga Region	11 Months	256,496,600.00	40
20	Construction of TASAC Three Rescue Stations at Kanyala, Ukerewe and Musoma	13 Months	998,817,335.59	70
21	Construction of Proposed Administration Block at Nachingwea District Council	2 Years	600,000,000.00	37
22	Rehabilitation of the Vice President's Office Building at Lithuli II – Dar es Salaam.	28 Months	711,325,011.79	66
23	Partitioning and Renovation works at GPSA Headquarters	10 Months	212,598,880.00	55

Source: CSWS, 2024

Table 3. 41: Employments Generated as of December, 2024

Year	Number of employments		Total
	Male	Female	
2020	10,031	1,831	11,862
2021	20,834	3,173	24,007
2022	40,362	7,285	47,647
2023	23,564	2,803	26,367
2024	17,589	3,938	21,527

Source: TANROADS/TEMESA/TBA/CSWS, 2024

CHAPTER FOUR

LOCAL ROADS

4.1 Introduction

The President's Office Regional Administration and Local Government has an oversight function of preparing policies and strategies in cooperation with key stakeholders in the sector, as well as being responsible for coordination and monitoring of the district roads activities in the councils and to provide/coordinate capacity building and advisory support for the councils. details for Local Road Network are indicated in **Table 4.1**.

4.2 Tanzania Rural and Urban Agency

TARURA is responsible for managing of District Roads that is, Collector, Feeder and Community roads under the jurisdiction of President's Office Regional Administration and Local Government (PO-RALG). This Agency has Council Office in 184 Local Government Authorities which are coordinated by 26 Regional coordination Offices in each Region. The Council Offices are responsible for inventory and condition surveys, planning, prioritization, project design, tendering and supervision of District road maintenance and development works.

Table 4. 1: Local Roads Network Length (km) as of December, 2024

S/No		Category	Road Type	Length (Km)	Length out of total Local Roads (%)
	Local Roads	Collector	Paved	1,759.08	1.22
			Unpaved	54,860.38	37.98
		Community	Paved	77.08	0.05
			Unpaved	18,005.55	12.47
		Feeder	Paved	1,631.14	1.13
	Unpaved		68,096.54	47.15	
Total Local Roads				144,429.77	

Source: TARURA, 2024

Table 4. 2: Road Condition of District Roads as of December, 2024

Road Class Category	Surface Category	Good		Fair		Poor		Total	
		km	(%)	km	(%)	Km	(%)	km	Total (%)
Collector	Paved	1,472.30	83.70	268.28	15.25	18.49	1.05	1,759.08	1.22
	Unpaved	20,009.58	36.47	21,471.91	39.14	13,378.90	24.39	54,860.38	37.98
	Sub total	21,481.89	37.94	21,740.18	38.40	13,397.39	23.66	56,619.46	39.20
Community	Paved	49.73	64.51	12.49	16.20	14.87	19.29	77.08	0.05
	Unpaved	3,343.43	18.57	6,298.33	34.98	8,363.80	46.45	18,005.55	12.47
	Sub total	3,393.15	18.76	6,310.82	34.90	8,378.67	46.34	18,082.64	12.52
Feeder	Paved	1,261.17	77.32	296.78	18.19	73.19	4.49	1,631.14	1.13
	Unpaved	15,595.08	22.90	25,414.22	37.32	27,087.24	39.78	68,096.54	47.15
	Sub total	16,856.25	24.17	25,711.00	36.87	27,160.43	38.95	69,727.67	48.28
TOTAL		41,731.29	28.89	53,762.00	37.22	48,936.48	33.88	144,429.77	100

Source: TARURA, 2024

4.3 Conclusion

The analysis of local road infrastructure reveals that unpaved roads overwhelmingly dominate, accounting for over 97% of the total local road network. Among these, feeder roads constitute the largest share, with 47.15% of the total local roads being unpaved feeder roads, followed by unpaved collector roads (37.98%) and unpaved community roads (12.47%). In contrast, paved roads are extremely limited, making up just over 2% of the total—with collector and feeder paved roads each contributing slightly over 1%, and community paved roads nearly negligible at 0.05%. This indicates a significant infrastructure gap and highlights the need for prioritized investment in road paving, especially in feeder and community road categories, to enhance connectivity and support local development. Engaging local communities in the planning process will ensure that road improvements meet the actual needs of the population, ultimately enhancing accessibility and quality of life.

ANNEX 2:

Road Network Maps by Region as of February, 2022



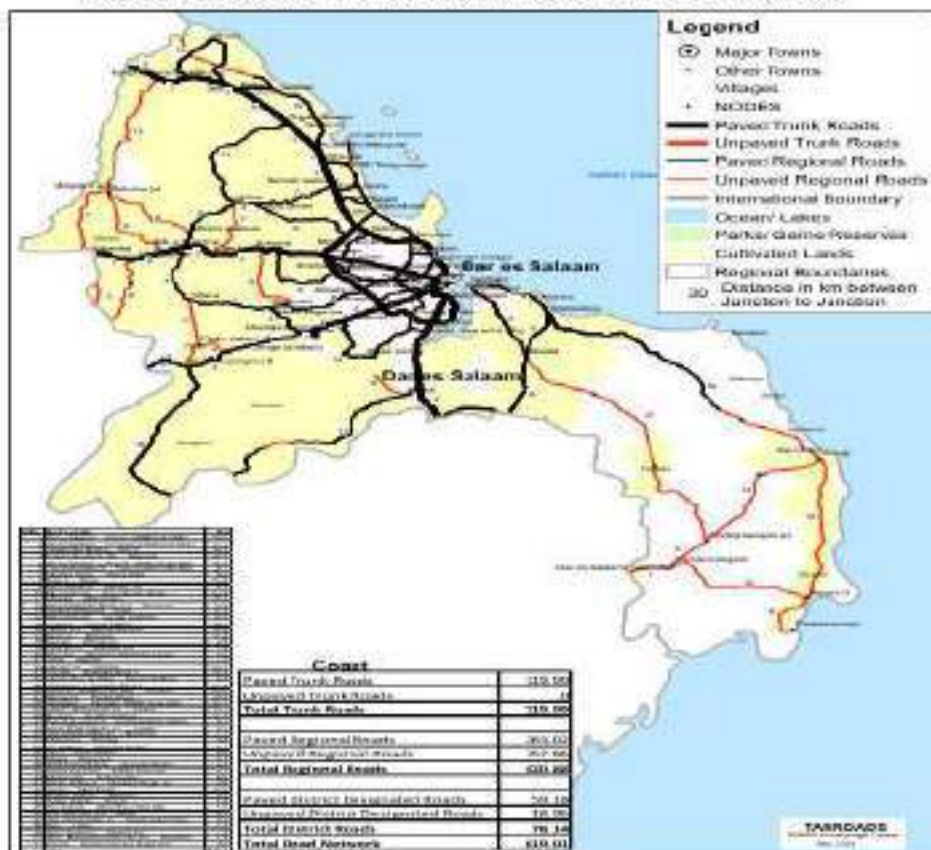
COAST REGION ROADS NETWORK



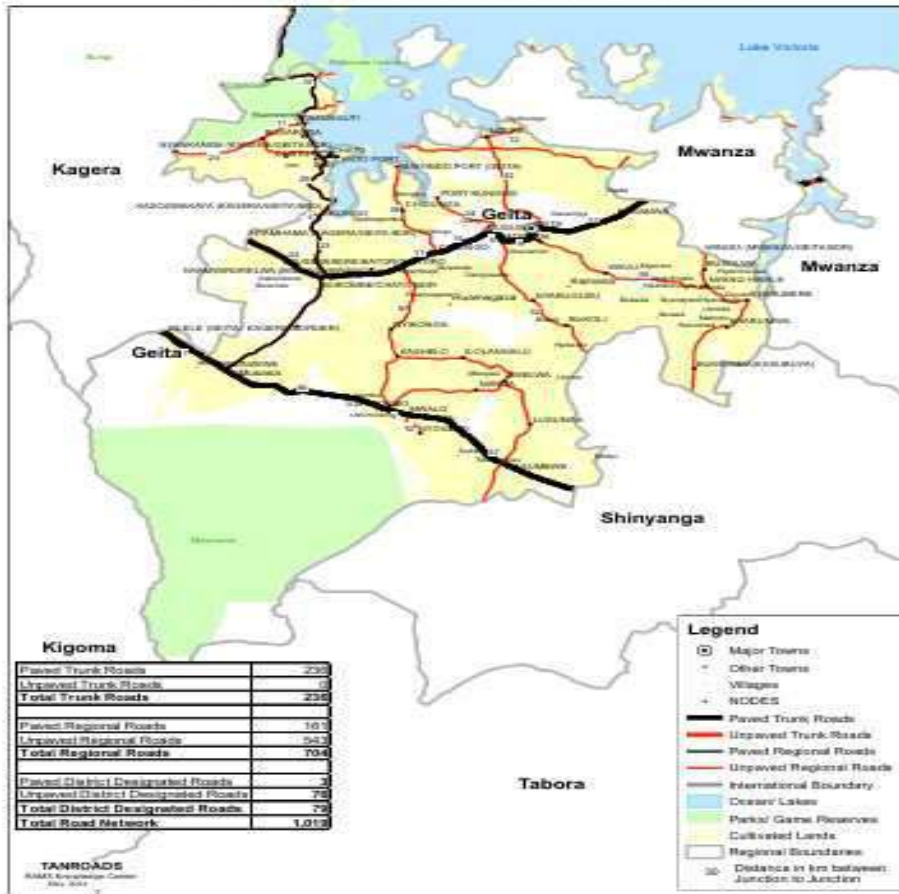
DODOMA REGION ROADS NETWORK



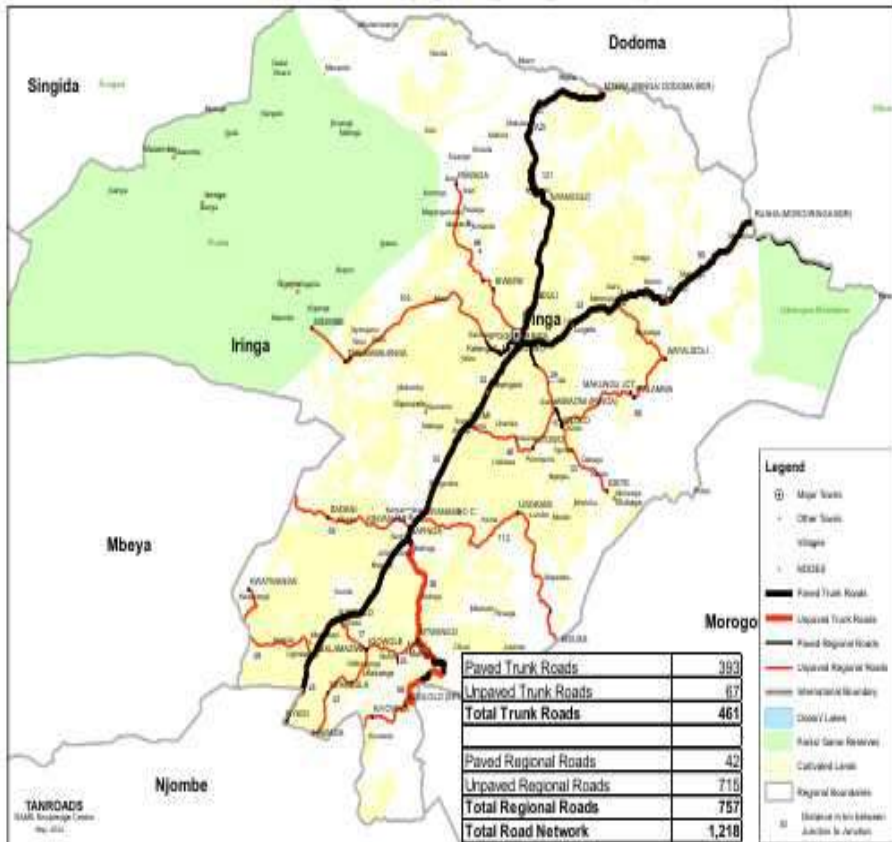
DAR ES SALAAM REGION ROADS NETWORK



GEITA REGION ROADS NETWORK



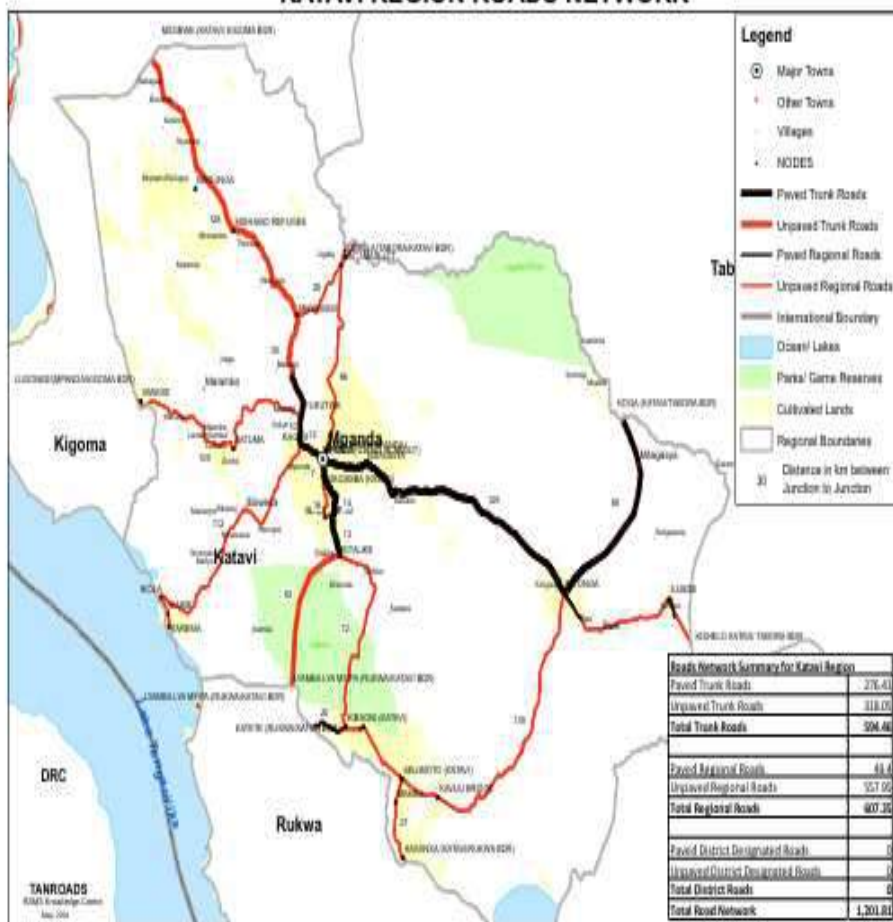
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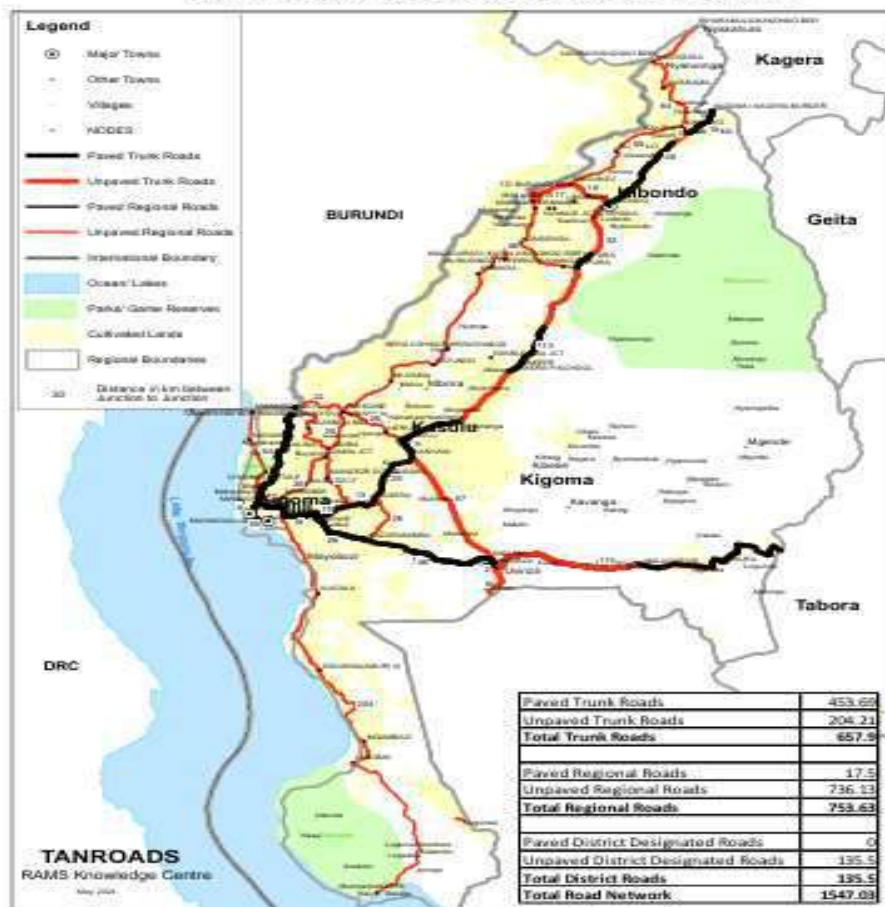
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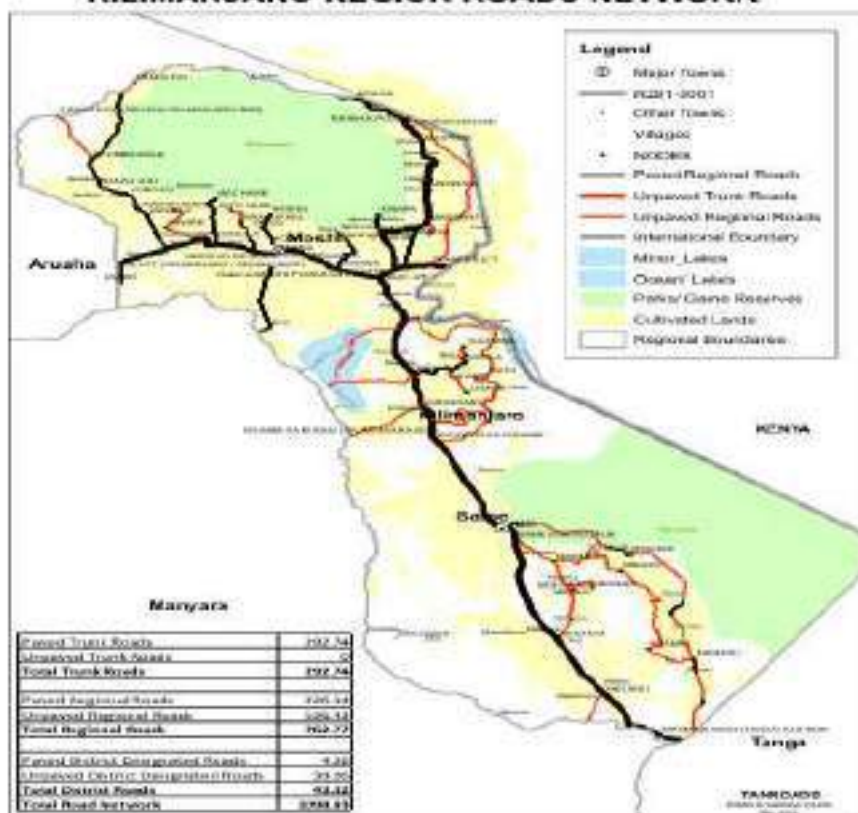
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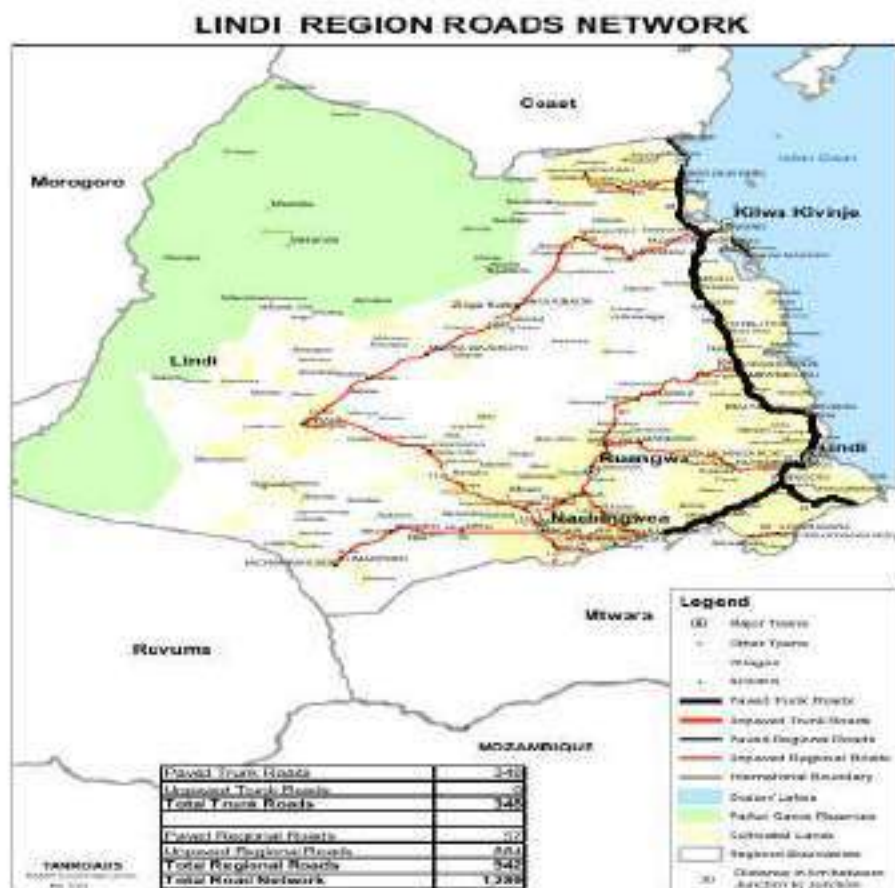


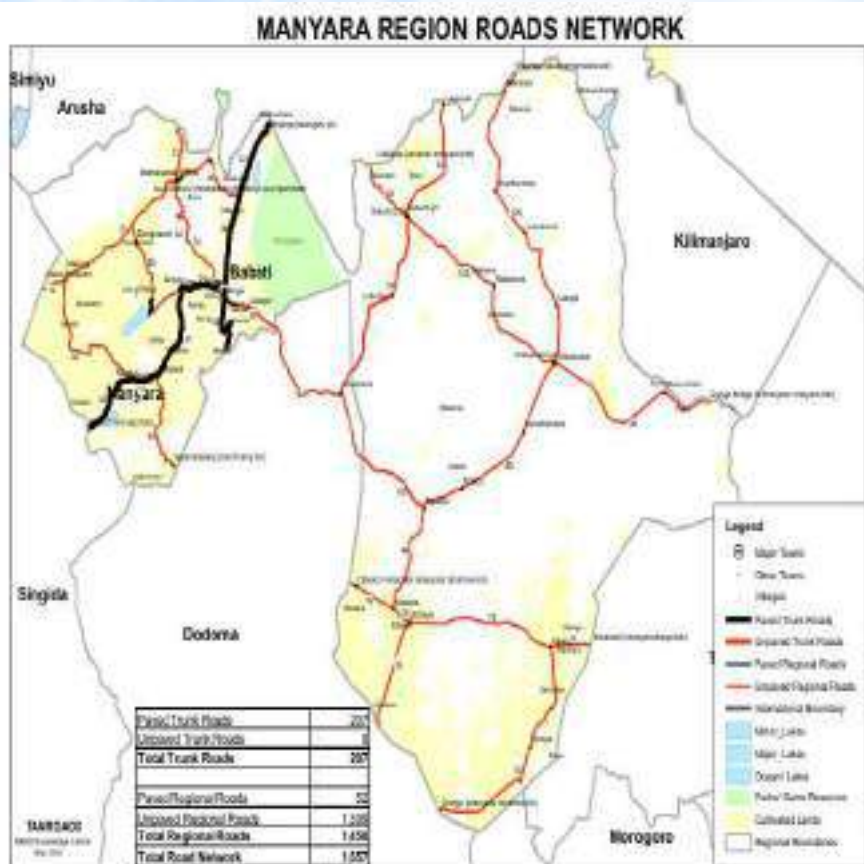
KIGOMA REGION ROADS NETWORK



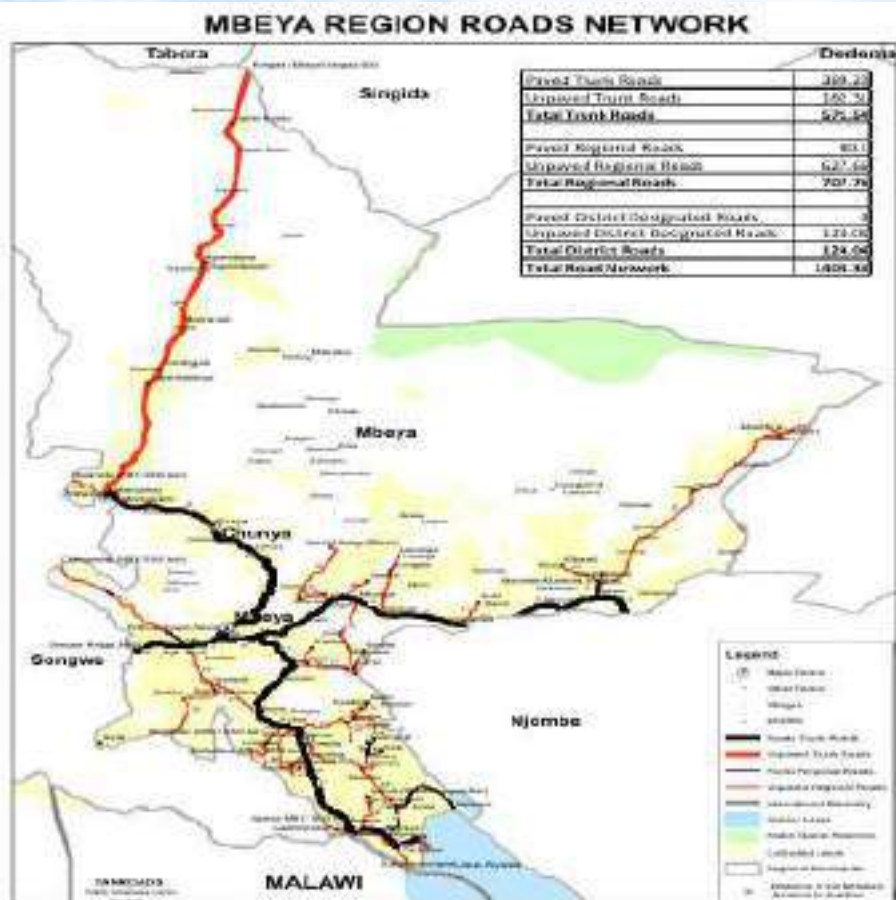
KILIMANJARO REGION ROADS NETWORK



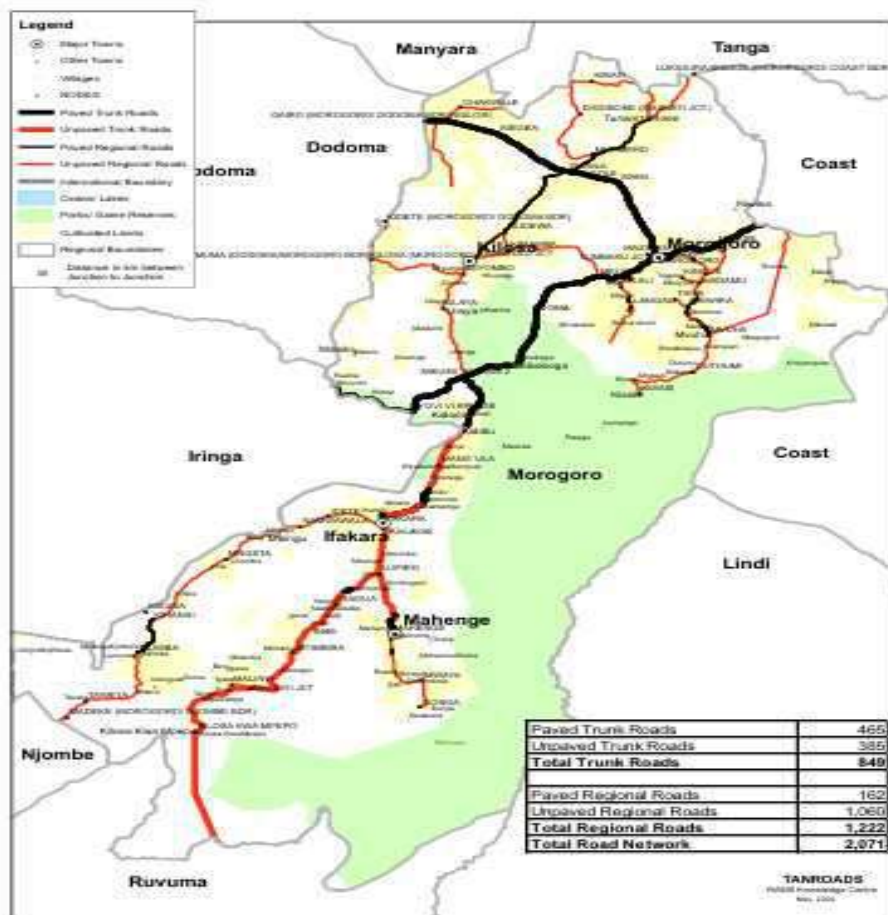




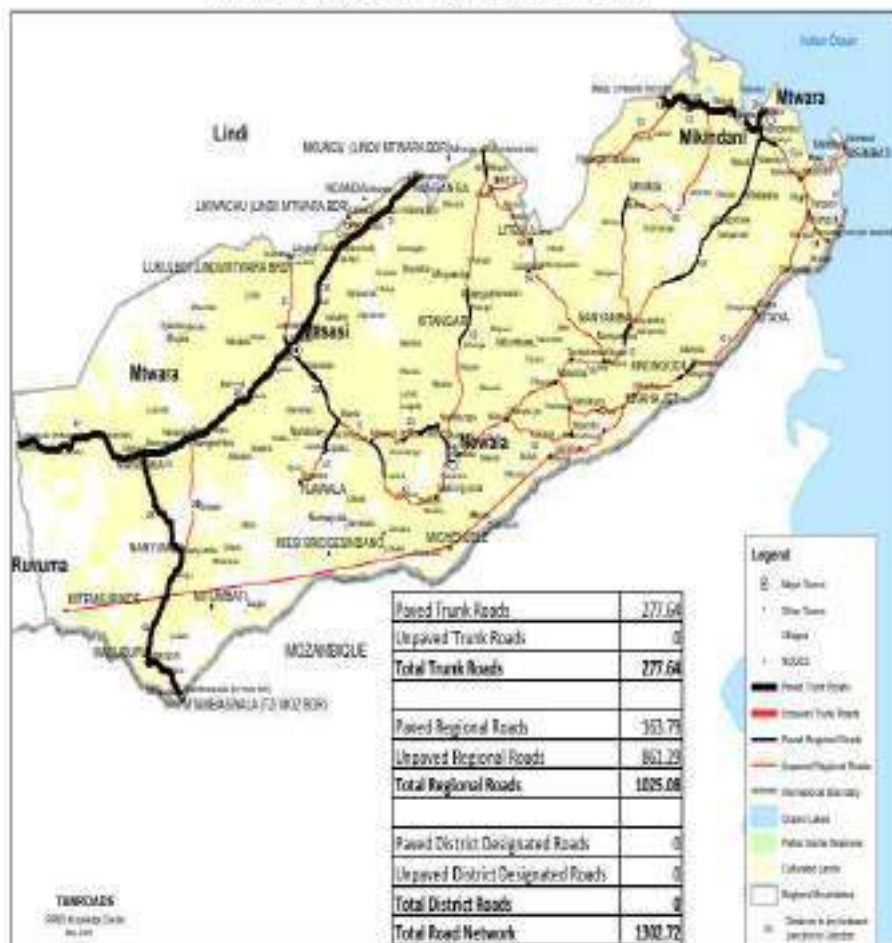




MOROGORO REGION ROADS NETWORK



MTWARA REGION ROADS NETWORK



MWANZA REGION ROADS NETWORK

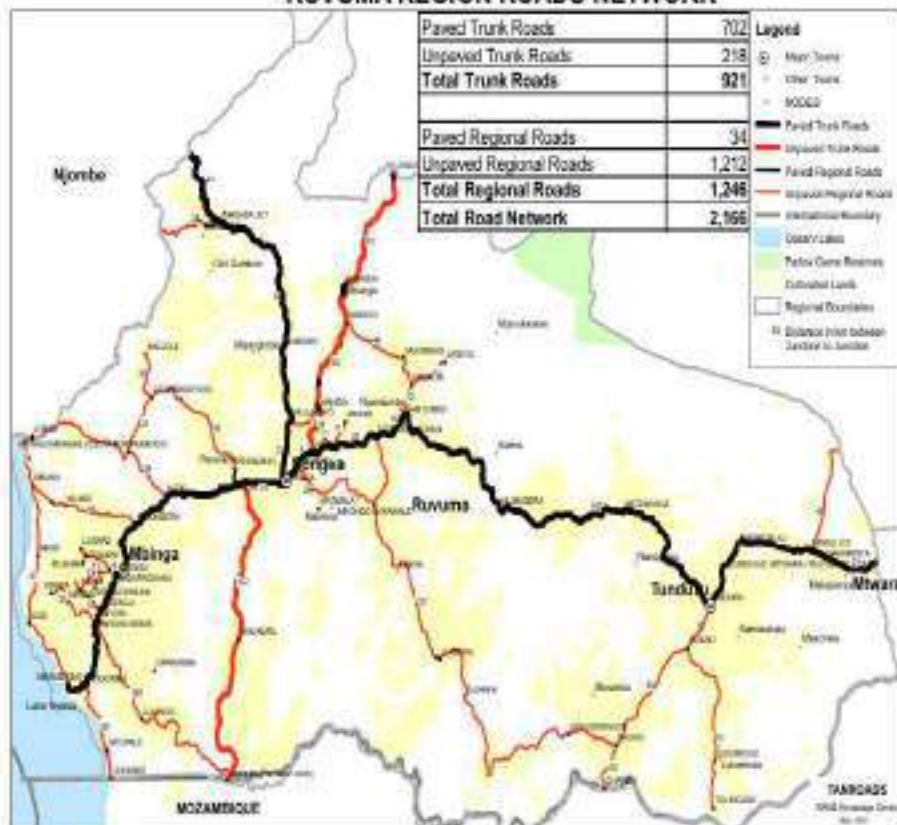


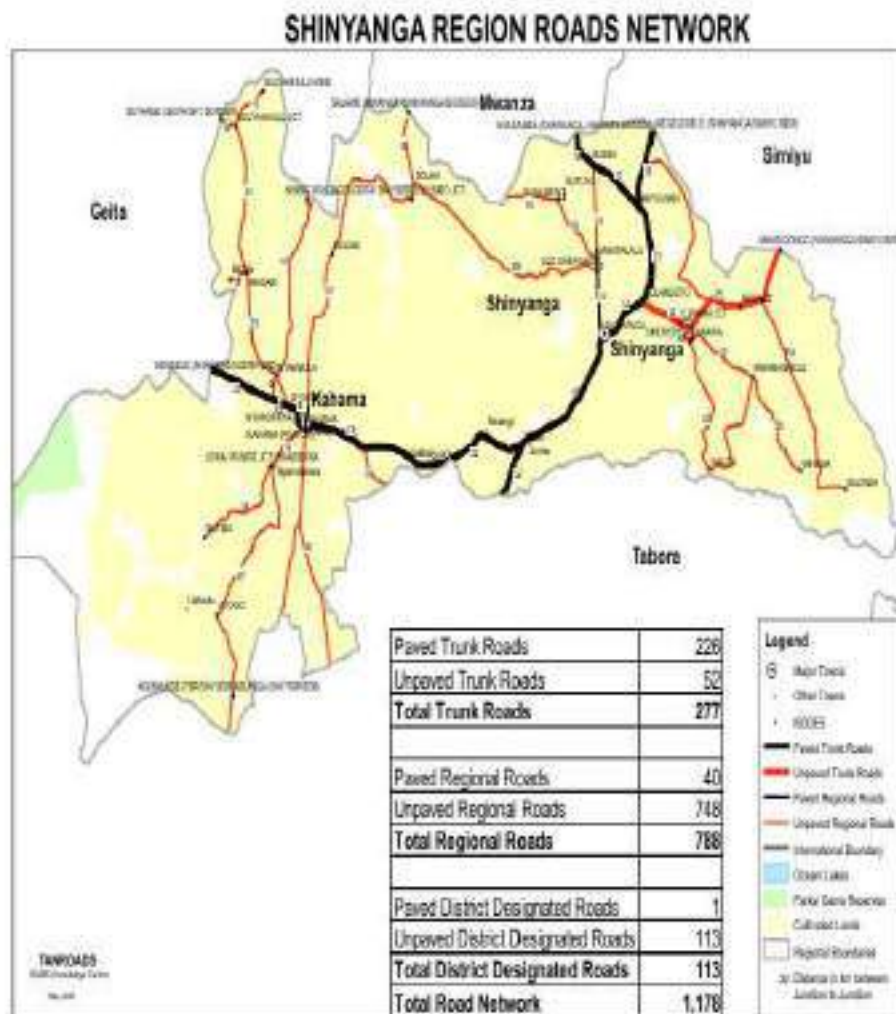


UKWA REGION ROADS NETWORK



RUVUMA REGION ROADS NETWORK

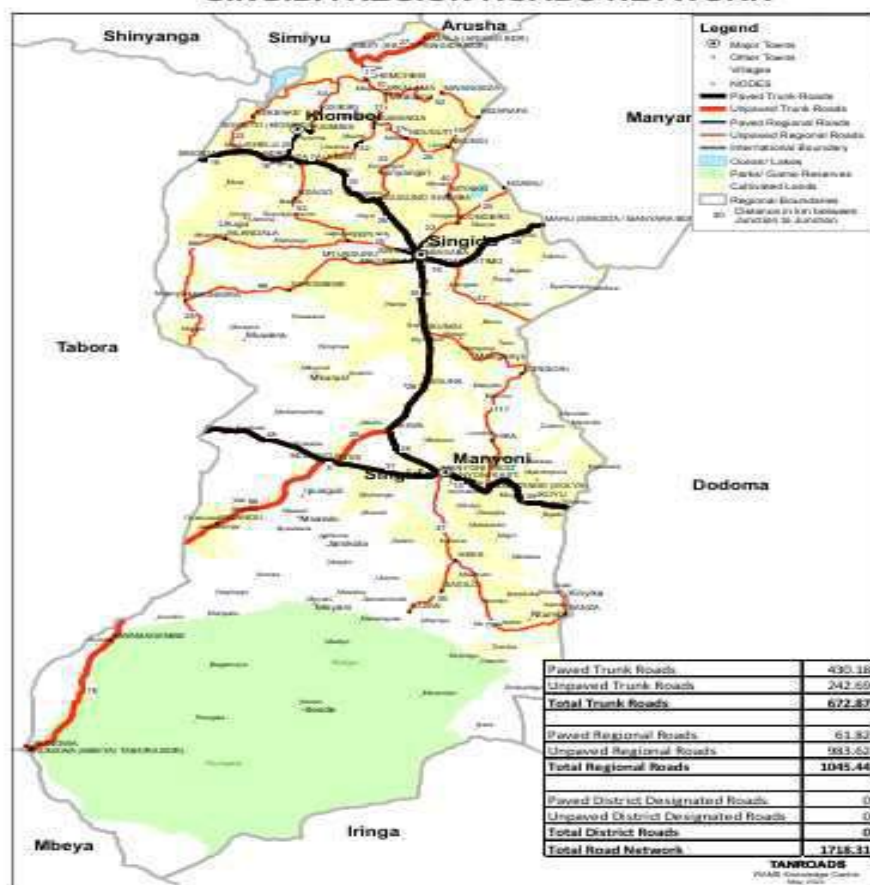


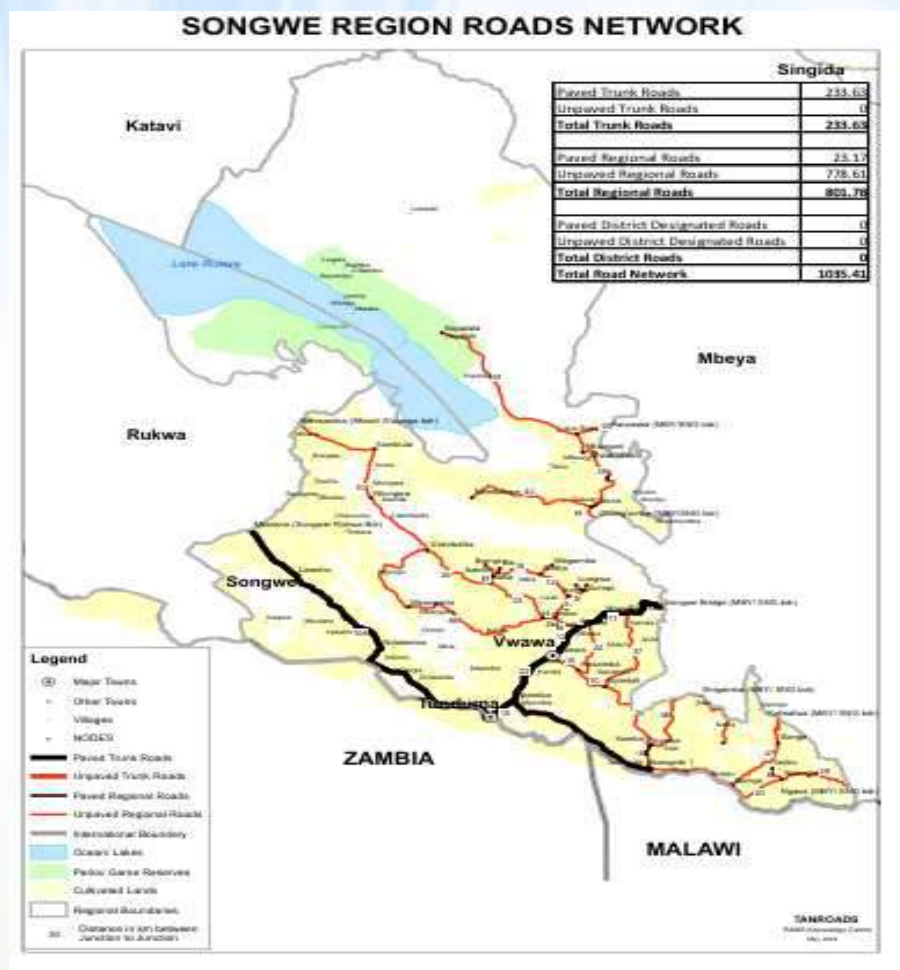


SIMIYU REGION ROADS NETWORK



SINGIDA REGION ROADS NETWORK





TABORA REGION ROADS NETWORK

