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GHANA 2021 POPULATION AND HOUSING CENSUS Volume 2

PROXIMITY

of Residential Structures
to Essential Service Facilities



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THE COORDINATED PROGRAMME OF ECONOMIC AND
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DEVELOPMENT

GHANA STATISTICAL SERVICE
OCTOBER 2021

GHANA 2021 POPULATION AND HOUSING CENSUS
VOLUME 2

PROXIMITY OF RESIDENTIAL STRUCTURES TO ESSENTIAL SERVICE FACILITIES

GHANA STATISTICAL SERVICE

OCTOBER, 2021

ADMINISTRATIVE MAP OF GHANA



GHANA 2021 POPULATION AND HOUSING CENSUS PUBLICATIONS

Volume 1	Preliminary Report
Volume 2	Proximity of Residential Structures to Essential Service Facilities
Volume 3A	Population of Regions and Districts
Volume 3B	Age and Sex Profile
Volume 3C	Background Characteristics
Volume 3D	Literacy and Education
Volume 3E	Economic Activity
Volume 3F	Difficulty in Performing Activities
Volume 3G	Information and Communication Technology
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Volume 3M	Sanitation and Water
Volume 3N	Structures
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FOREWORD

The Ghana 2021 Population and Housing Census (PHC) was conducted to provide updated demographic, social and economic data for research, policy and planning to support national development activities and to track the implementation of national, continental, and global development goals, such as The Coordinated Programme of Economic and Social Development Policies (2017-2024): An Agenda for Jobs: Creating Prosperity and Equal Opportunity for All; AU Agenda 2063: The Africa We Want; and Transforming Our World: The 2030 Agenda for Sustainable Development.

Embedded in all these agendas is ensuring that all persons have access to essential services. The geospatial data available in the 2021 PHC makes it possible for the first time to conduct analysis on the proximity of residences to essential services.

Volume 2: Proximity of Residential Structures to Essential Service Facilities Report presents statistics at the national, regional and district levels on the availability of facilities providing basic education, healthcare, financial and security services; the concentration of these facilities; their proximity to residential structures; and prevalence of underserved areas. The analysis presented in this report is based on straight line distances between residential structures and essential service facilities. Subsequent reports will integrate road network, accessibility indicators and other characteristics of the geographical areas.

The report targets Ministries, Departments, and Agencies (MDAs); Metropolitan, Municipal and District Assemblies (MMDAs); Development Partners; Civil Society Organisations (CSOs); the private sector; researchers; and the general public. Specifically, the report will support the Land Use and Spatial Planning Authority, the Ministry of Local Government, Decentralisation and Rural Development and other relevant stakeholders to implement the Land Use and Spatial Planning Act (2016) whose objectives include promoting sustainable development of land and human settlements through decentralised planning and ensuring judicious use of land to improve quality of life.

The disaggregated statistics will support the implementation and monitoring of policies for 7 out of the 16 Sustainable Development Goals (SDG 3, 4, 5, 8, 10, 11 and 16). The report would thus guide the MMDAs and the education, health, finance, and security sectors to allocate funds based on population needs and to locate essentials services where they would have the most impact.

Professor Samuel Kobina Annim

CHIEF CENSUS OFFICER AND GOVERNMENT STATISTICIAN

ACKNOWLEDGEMENTS

The Ghana Statistical Service (GSS) wishes to thank the Government of Ghana; former presidents; members of the National Census Steering Committee; National Census Technical Advisory Committee; National Census Publicity, Education and Advocacy Committee; and the Regional and District Census Implementation Committees for their commitment and dedication to ensuring a well-coordinated Census operation.

The Service also acknowledges the contributions of the following: Ministry of Finance, Ministry of Education, Ghana Education Service, Ministry of Information, Information Services Department, Ministry of Local Government, Decentralisation and Rural Development, Local Government Service, and the various District Assemblies, National Identification Authority, Ministry of Defence, Ghana Armed Forces, Ministry of Interior, Ghana Police Service, Ghana Immigration Service, Ghana Civil Aviation Authority, Ghana Airport Authority, Ghana Fire Service, Ghana Prisons Service, Ministry of Health, Ghana Health Service, Ministry of Foreign Affairs and Regional Integration, National Commission for Civic Education, Electoral Commission, Office of Government Machinery, Ministry of Parliamentary Affairs, Parliament, Ministry of National Security, National Sports Authority, National Communication Authority, Ghana Highways Authority, Survey Department, Ministry of Sanitation and Water Resources, Ministry of Food and Agriculture, Births and Deaths Registry, religious and traditional leaders, individuals and all other organisations.

Sincere gratitude goes to the following development partners and collaborating institutions for their technical, logistical and financial support that led to the effective management of the Census processes: United Nations Population Fund, The World Bank, European Union, International Organisation for Migration, United Nations Development Programme, United Nations Economic Commission for Africa, United Kingdom Office for National Statistics, Statistics Denmark, Geo-Referenced Infrastructure and Demographic Data for Development, Josphong Group of Companies, Telecommunication companies, CalBank, Windy Lodge Beach Resort, and tertiary educational institutions.

Appreciation is also extended to Census officials and field officers, the media and the general public for ensuring a successful Census.

Finally, GSS is particularly grateful to the following institutions for providing the necessary information to enrich this report: Ghana Education Service, National Schools Inspectorate Authority, Ministry of Health, Land Use and Spatial Planning Authority, Bank of Ghana and Ghana Police Service.

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ABBREVIATIONS AND ACRONYMS

CHPS	Community-based Health Planning and Services
CSOs	Civil Society Organisations
DPs	Development Partners
EA	Enumeration Area
FCUBE	Free and Compulsory Universal Basic Education
FPES	Facilities Providing Essential Services
GES	Ghana Education Service
GoG	Government of Ghana
GPS	Global Positioning System
GSS	Ghana Statistical Service
ICT	Information and Communication Technology
IT	Information Technology
JHS	Junior High School
LUSPA	Land Use and Spatial Planning Authority
MDAs	Ministries, Departments and Agencies
MMDAs	Metropolitan, Municipal and District Assemblies
MoE	Ministry of Education
MoH	Ministry of Health
NaSIA	National Schools Inspectorate Authority
PHC	Population and Housing Census
SDGs	Sustainable Development Goals
UN	United Nations

1. INTRODUCTION

1.1. Background

The Universal Declaration of Human Rights considers education, health and security as basic human rights. This is because these have been conceptualised as essential services needed for human survival and well-being. Access to financial services, though not a human right, has been identified by the World Bank as a pathway to poverty reduction for individuals and risk mitigation and expansion of opportunities for small and medium scale enterprises.

Physical distance or proximity plays a critical role in accessing these essential services. For instance, the longer a pupil takes to reach a school, the lower the likelihood of attendance and completion. In the same vein, distance to healthcare facilities have implication for utilisation. Long distances to financial institutions adversely affect accessing financial services. Similarly, response time to an incidence by the police are affected by the physical distance of event point or area from police station.

In recent decades, proximity analyses have gained prominence in different fields of study including archaeology, business, earth science, geography, maternal health, insurance, urban economics, landscape and urban planning (Bratti et al, 2020; Card et al, 2020; Chen and Buja, 2009; Cochran et al, 2019; Gething et al, 2012; Roberto, 2018). Proximity analyses form the basis for examining the spatial dimensions of essential facilities in settlements.

During the 2021 Population and Housing Census (PHC), georeferenced data were collected on structures making it possible to analyse the distance between where people live and where these essential services are located (GSS, 2021). Physical barriers to accessing services that are fundamental human rights, such as education, health and security, contribute to maintaining and/or widening inequality and increasing the risk of vulnerability to poverty in the society.

In this report, the selected facilities rendering essential services align directly with seven of the Sustainable Development Goals (SDGs). These are Goal 3 (ensure health and well-being for all, at every stage of life), Goal 4 (ensure inclusive and equitable quality education and promote lifelong learning opportunities for all), Goal 5 (achieve gender equality and empower all women and girls), Goal 8 (promote inclusive and sustainable economic growth), Goal 10 (reduce inequality within and among countries), Goal 11 (make cities and communities safe and sustainable) and Goal 16 (promote peace, justice and strong institutions).

This report provides disaggregated statistics on availability, concentration and physical proximity of facilities providing essential services in residential areas at the national,

regional and district levels. The report makes it possible to identify underserved areas with reference to these essential services.

1.2. Census Undertaking

1.2.1. Legal Framework

The legal authority for conducting the 2021 PHC is the Statistical Service Act, 2019 (Act 1003), Clauses 33 and 34 which stipulate that "The Service shall conduct a census of population every ten years in the month of March" and "...a population and housing census shall be taken to ensure that (a) the counts of the population, or (b) the counts of population and houses, are provided for each region, district and constituency" (Republic of Ghana, 2019).

1.2.2. E-Census

The 2021 PHC was fully digital (E-Census) with all the processes based on Information Technology (IT) solutions. The IT platforms adopted were: Computer Assisted Personnel Interviews (CAPI), batch programme for data entry and cleaning, census coverage system which harnessed all the geo-data collected during demarcation, census listing data used to determine physical coverage, census dynamic dashboard for monitoring fieldwork, census citizens platform for census engagement, and common platform for managing census implementation teams.

1.2.3. Census Mapping

The mapping process for the 2021 PHC demarcated the country into 51,913 Enumeration Areas (EAs). The EAs formed the basis for determining the number of field officers required for deployment. During the demarcation exercise, GPS coordinates of structures classified as points of interest (notable landmarks) were taken. These included palaces, schools, health facilities, fuel service stations, markets, lorry stations/bus terminals and religious structures.

1.2.4. Listing of Structures

The listing exercise, which preceded enumeration, entailed canvassing and assigning unique serial numbers to all structures in every Enumeration Area. The collection of basic information about the structures involved the use of global navigation satellite system that determines the location of structures in the form of coordinates which are unique identifiers of a specific geographical location. It is expressed as a combination of latitude, longitude, altitude and degree of accuracy. For the purpose of 2021 PHC the acceptable degree of accuracy was five metres or less. The information captured included type, level of completion, and use of structure.

1.3. Objectives

The report on Proximity of Residential Structures to Essential Service Facilities provides information on their availability, spatial spread and nearness to residential structures. Specifically, the report provides information on:

- a. availability of facilities providing basic education, healthcare, financial and security services;
- b. concentration of facilities providing these essential services;
- c. nearness of residential structures to these essential service facilities; and
- d. existence of underserved areas.

2. DEFINITION OF CONCEPTS

2.1. Facilities Providing Essential Services (FPES)

These are facilities that offer basic services required to meet the needs of the population in a specified area. This report focuses on four categories of essential services:

- a. Basic education - pre-primary, primary and junior high school;
- b. Basic healthcare - Community-based Health Planning and Services (CHPS) compound, health centres/clinics and hospitals (both public and private);
- c. Financial services – commercial banks (rural and community banks, development banks and financial securities) and microfinance institutions (savings and loans companies, susu companies and credit unions).
- d. Security services - police stations.

2.2. Residential Structures

A residential structure is a separate and independent building or an enclosure that is completed or uncompleted, movable or immovable, occupied or unoccupied.

2.3. Locality

Locality refers to an inhabited geographical area with a defined boundary and a distinct name, such as hamlets, villages, towns and cities. Residents of localities access basic amenities such as schools, health facilities, electricity, markets, police station, banks or financial services from a common point. Localities vary in size, population and compactness.

2.4. Residential Cluster

A residential cluster is a geographical area comprising a locality or a group of localities with 1,000 or more inhabitants. Localities with less than 1,000 inhabitants were grouped with one or more adjoining locality(-ies) with similar characteristics to constitute a residential cluster of at least 1,000 inhabitants.

2.5. Indicators

The report focuses on four measures of residential proximity to facilities providing essential services.

2.5.1. Availability of Facilities Providing Essential Services

Availability is the existence of at least one facility providing the defined essential service in a residential cluster.

2.5.2. Concentration of Facilities Providing Essential Services

Index of concentration measures the number of facilities providing the defined essential service in a residential cluster per a given population (number of facilities per 1,000, 10,000 or 100,000 population sub-groups).

This is calculated as the ratio of the number of facilities in a district or region providing essential services to the population in the reference category. Specifically, pre-primary is for persons aged 4-5 years, primary for 6-11 year olds and JHS for 12-14-year-olds; financial services for persons 15 years and older; healthcare facility and police station for the general population.

2.5.3. Proximity to Facilities Providing Essential Services

Proximity to facility is the physical distance between residential structures and a defined essential service. The Euclidean¹ approach is used to measure the distance between a residential structure and a facility. Dasymetric visualisation technique shows the variation in distances from residential structures to facilities providing essential services. The district-level analysis is based on the distances to the nearest facility within a district regardless of the residential cluster. The regional-level analysis considers the distance to the nearest facility within the region regardless of the district of residence. The national-level analysis uses distance to the nearest facility within the country regardless of the region of residence.

For each level, the index of proximity is calculated as the average of the distance from each residence to a facility.

2.5.4. The Underserved

The analysis of the underserved areas applies to education and health which have recommended distances to access the service. The recommended distance of residential structures to essential services are as follows:

- one kilometre for pre-primary, three kilometres for primary, five kilometres for JHS²,
- five kilometres for healthcare facility³

It is the proportion of residential structures located beyond the recommended distance to the closest essential service facility. This is done at the district and regional levels.

¹ Euclidean distance is a straight-line measure between two points

² Ghana Education Service, 2002

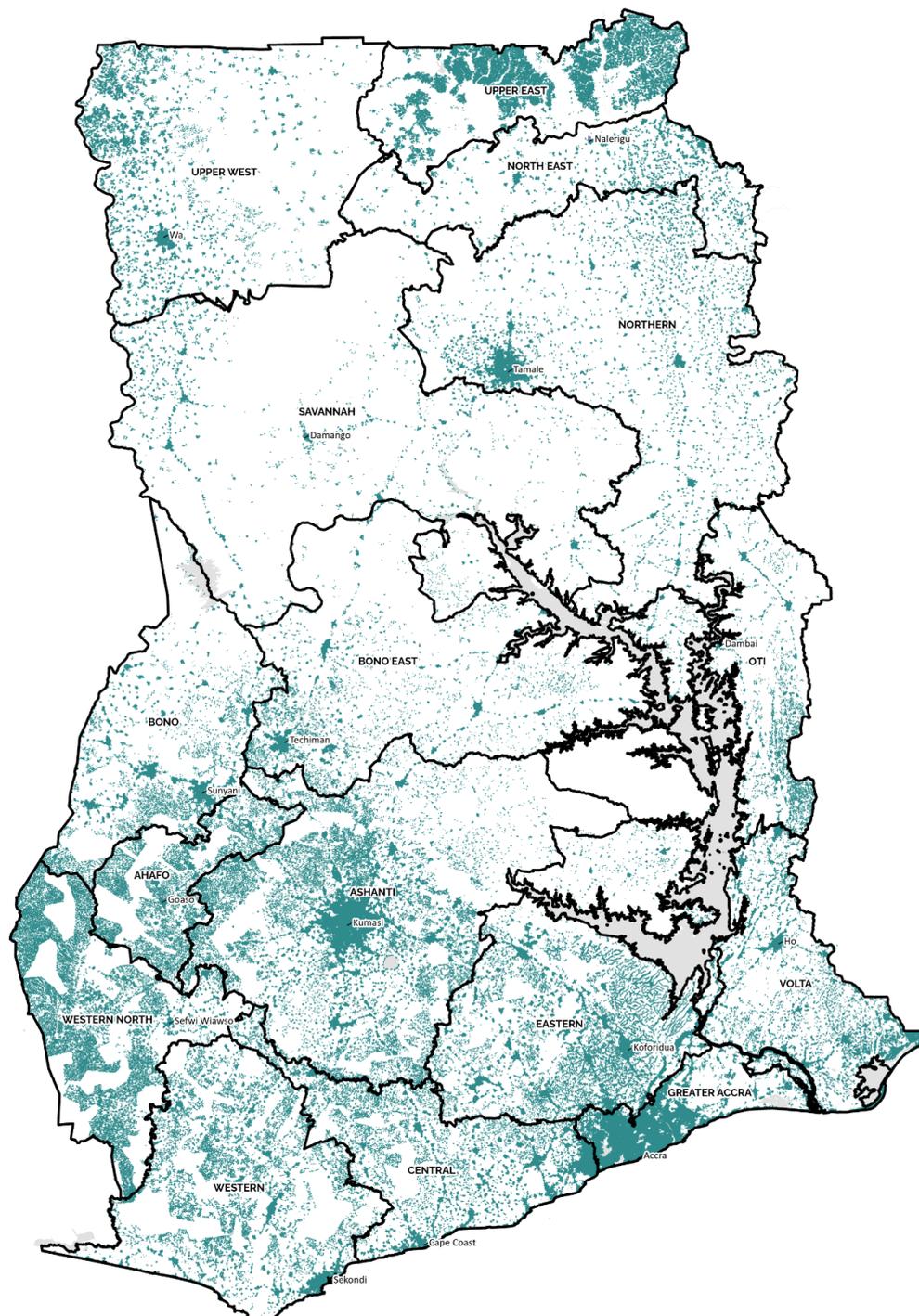
³ Town and Country Planning Department, 2011

3. RESULTS

3.1. Residential Structures

Residential structures are located predominantly in the western, southern and north-eastern parts of the country and most densely in Greater Accra and Upper East regions (Figure 1). In general, the distribution is dense around regional capitals and sparse particularly in Savannah and Bono East and in the middle belt as well as along the riverine areas.

FIGURE 1: DISTRIBUTION OF RESIDENTIAL STRUCTURES BY REGION



3.2. Availability of Essential Service Facilities

3.2.1. Basic Educational Facilities

The distribution of basic educational facilities is skewed towards the southern parts of the country with more availability in and around regional capitals. Basic educational facilities are few and far between in the middle belt. The pre-primary facilities are dominant in the major cities and towns (Figures 2A and 2B).

FIGURE 2A: GEO-LOCATION OF BASIC EDUCATIONAL FACILITIES BY LEVEL

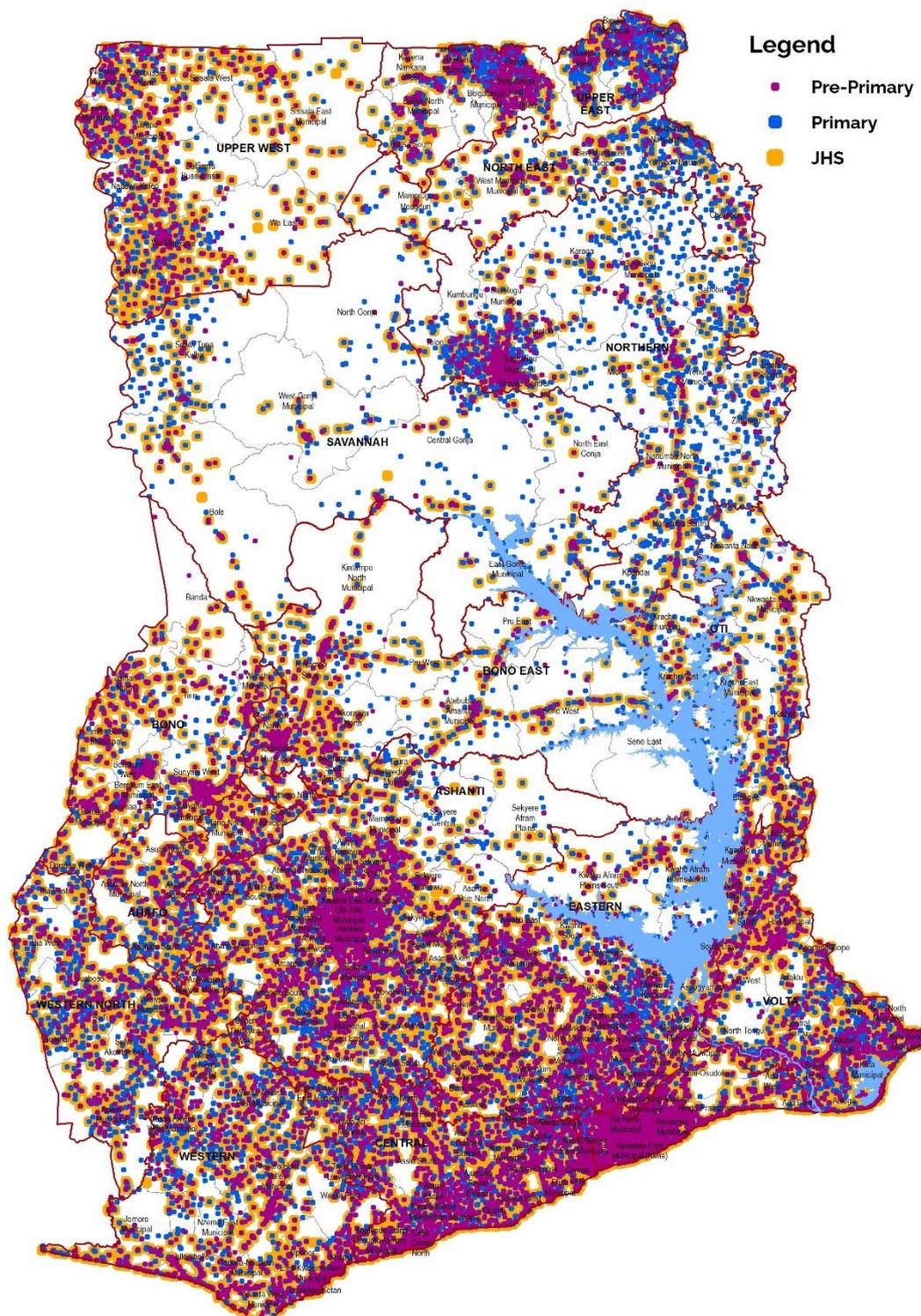
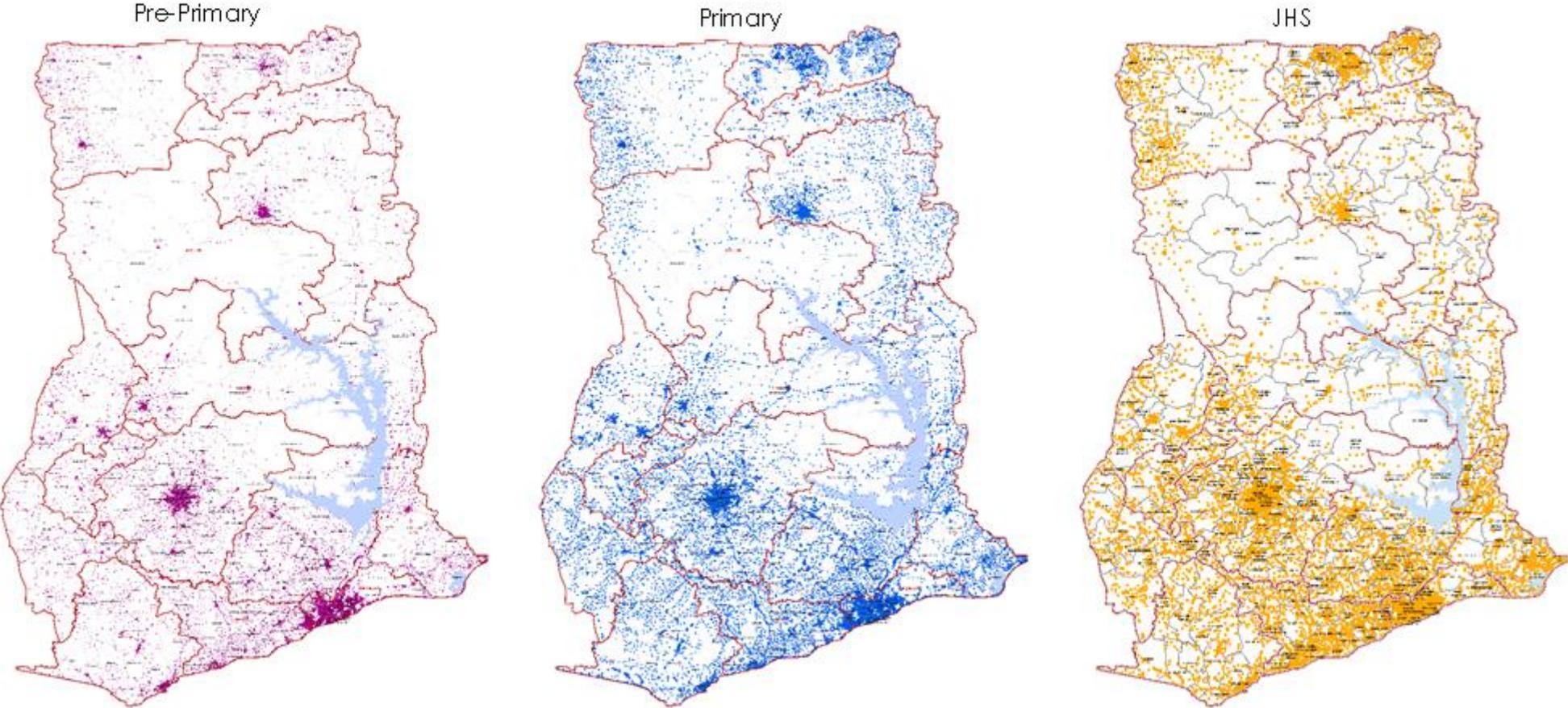


FIGURE 2B: GEO-LOCATION OF PRE-PRIMARY, PRIMARY AND JHS FACILITIES



Ninety-four percent of residential clusters in urban areas nationwide have all levels of basic educational facilities (consisting of pre-primary, primary and junior high school) compared to only 59 percent in rural areas (Table 1). The disparity between rural (70.0%) and urban (96.9%) areas is more pronounced at the pre-primary level. Regional distribution shows that all urban residential clusters in North East, Western North and Ahafo regions have all three levels of basic educational facilities compared to only 26.6, 58.7, and 63.3 percent in their respective rural clusters.

TABLE 1: PERCENT OF RESIDENTIAL STRUCTURES WITH EDUCATIONAL FACILITIES BY TYPE OF LOCALITY AND REGION

Administrative Units	Pre-primary			Primary			JHS			All levels*			No. of Clusters
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	
Ghana	74.3	96.9	70.0	94.1	97.4	93.5	77.1	95.1	73.7	64.9	93.5	59.4	8,450
Region													
Western	79.9	97.9	76.7	94.6	98.9	93.9	80.5	96.8	77.7	68.0	94.7	63.3	632
Central	90.9	97.0	89.6	96.7	94.0	97.3	91.5	90.3	91.8	85.2	89.6	84.3	757
Greater Accra	92.9	98.6	87.1	93.1	98.3	87.8	87.5	96.9	77.7	84.3	96.2	71.9	567
Volta	81.9	92.5	80.5	93.4	98.5	92.7	86.5	91.0	85.9	75.7	88.1	74.0	548
Eastern	87.2	98.5	85.0	96.6	97.7	96.3	86.6	97.7	84.5	79.6	97.7	76.3	865
Ashanti	83.7	97.6	79.8	95.3	97.6	94.6	87.4	95.9	85.0	77.3	94.6	72.5	1,349
Western North	69.1	100.0	66.6	95.0	100.0	94.6	78.6	100.0	76.9	61.8	100.0	58.7	398
Ahafo	76.7	100.0	73.4	93.3	100.0	92.4	82.8	100.0	80.4	67.8	100.0	63.3	180
Bono	81.2	96.8	77.6	95.5	95.2	95.6	81.8	96.8	78.3	70.1	95.2	64.3	335
Bono East	61.1	86.7	57.5	91.6	95.6	91.1	61.9	91.1	57.8	46.5	82.2	41.5	370
Oti	51.9	90.0	49.3	92.3	100.0	91.8	61.2	95.0	58.9	40.4	90.0	37.0	312
Northern	45.4	96.2	39.4	92.9	94.9	92.7	45.0	85.9	40.2	29.9	84.6	23.4	744
Savannah	38.8	85.7	35.9	91.4	92.9	91.3	49.8	100.0	46.8	26.1	85.7	22.5	245
North East	45.0	100.0	40.1	96.7	100.0	96.4	52.9	100.0	48.6	32.6	100.0	26.6	242
Upper East	59.2	94.1	56.9	88.4	100.0	87.6	68.6	97.1	66.7	46.5	91.2	43.5	544
Upper West	81.5	95.8	80.5	93.4	95.8	93.2	84.8	91.7	84.3	73.2	91.7	71.9	362

*Refers to the presence of pre-primary, primary and JHS educational facilities in a residential cluster

3.2.2. Healthcare Facilities

Community-based Health Planning and Services (CHPS) compounds are more widely spread across the country compared to the other types of healthcare facilities. Hospitals, clinics, and maternity homes are more widely available in the southern parts of the country relative to the north (Figures 3A and 3B).

FIGURE 3A: GEO-LOCATION OF HEALTHCARE FACILITIES BY TYPE

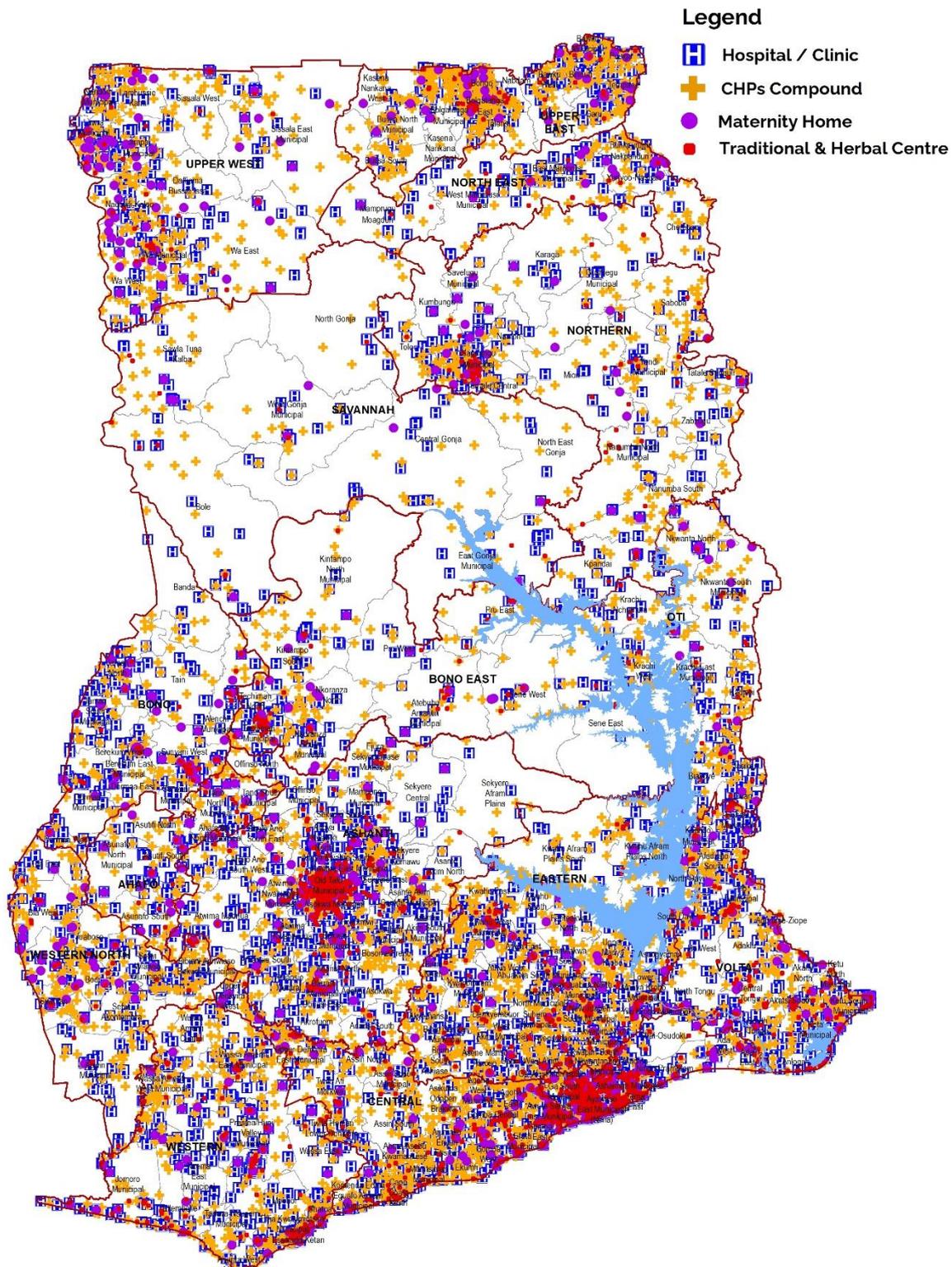
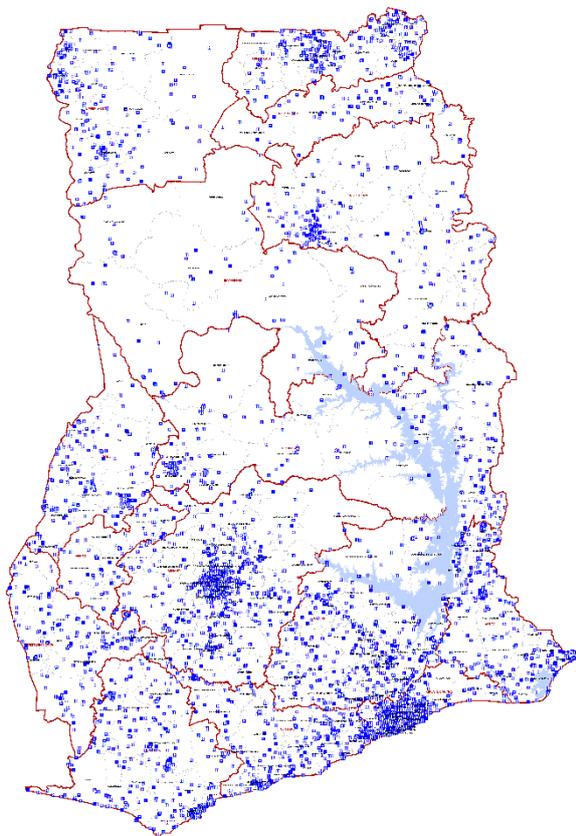
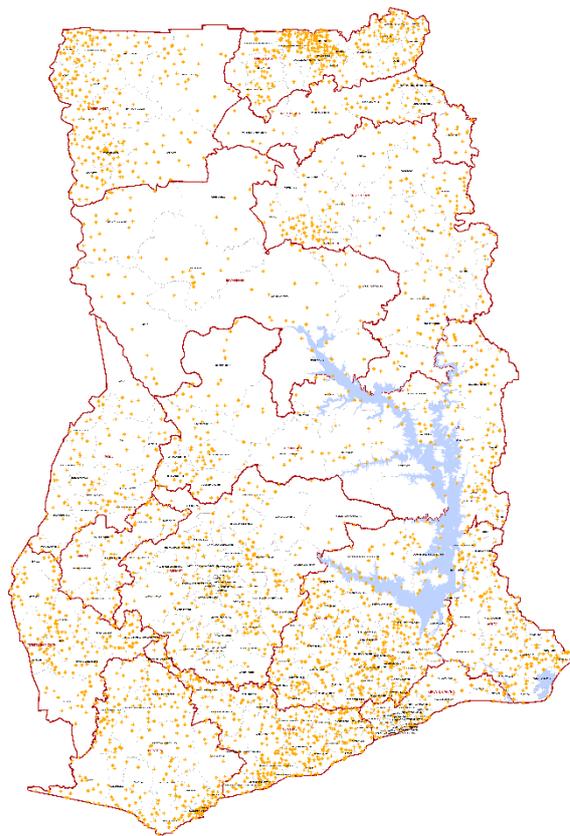


FIGURE 3B: GEO-LOCATION OF HEALTHCARE FACILITIES

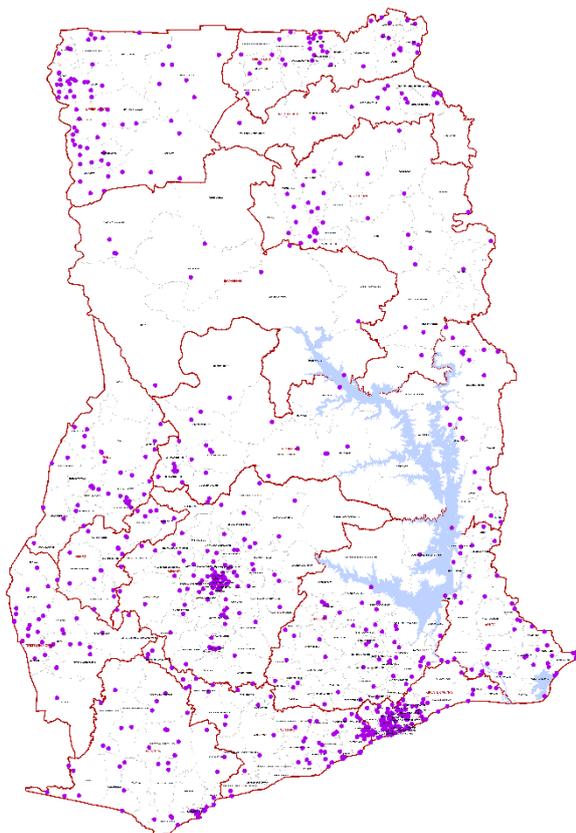
Hospitals & Health Centres



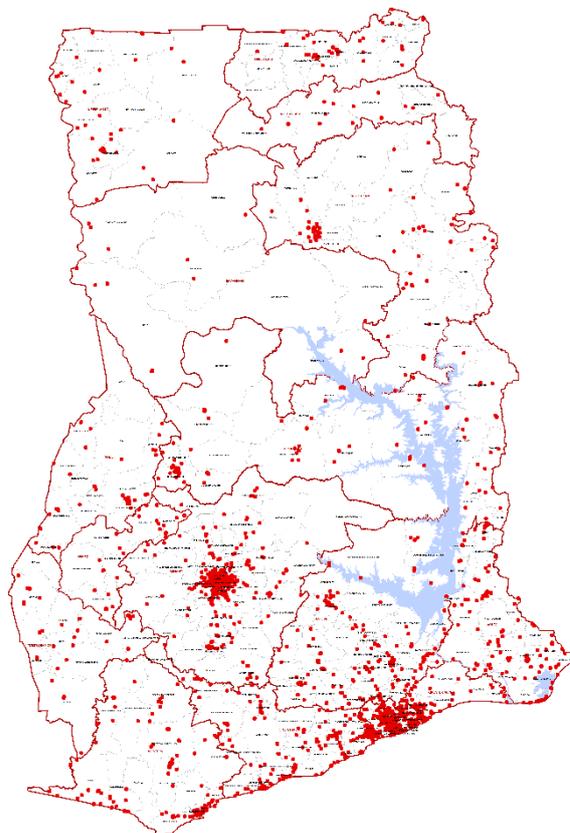
CHPS Compounds



Maternity Homes



Herbal Clinics & Traditional Centres



About eight in ten of urban (84.9%) compared to nearly six in ten of rural (56.3%) residential clusters have access to at least one facility providing healthcare services (Table 2). All urban residential clusters in Savannah have at least one healthcare facility available compared to 73 percent in urban Volta. Rural Upper West Region has the highest (82.2%) of residential clusters with access to a healthcare facility in a rural area compared to 40 percent in Northern Region. At the national level, 33 percent of residential clusters have access to CHPS compounds (urban 19.8% and rural 35.3%); however, only 4.6 percent of rural clusters compared to 38.9 percent of urban have access to a hospital.

TABLE 2: PERCENT OF RESIDENTIAL CLUSTERS WITH HEALTHCARE FACILITIES BY TYPE OF LOCALITY AND REGION

Administrative Unit	Any Healthcare Facility*			Hospitals (Private/Public)			Clinics/ Health Centres			CHPS			Herbal Clinics/ Traditional Centres			Maternity Homes			No. of Clusters
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	
Ghana Region	60.9	84.9	56.3	10.1	38.9	4.6	33.0	71.0	25.7	32.8	19.8	35.3	14.4	45.4	8.4	7.9	21.1	5.3	8,450
Western	65.3	89.5	61.1	10.6	37.9	5.8	35.1	72.6	28.5	38.0	33.7	38.7	13.8	45.3	8.2	7.1	25.3	3.9	632
Central	64.1	82.1	60.2	6.9	27.6	2.4	28.4	64.9	20.5	39.1	20.1	43.2	18.0	39.6	13.3	7.5	21.6	4.5	757
Greater Accra	67.7	85.8	48.9	33.0	52.9	12.2	55.2	77.9	31.7	13.8	12.5	15.1	37.6	57.4	16.9	16.4	26.0	6.5	567
Volta	61.7	73.1	60.1	6.0	31.3	2.5	39.8	61.2	36.8	29.9	16.4	31.8	17.2	43.3	13.5	7.3	22.4	5.2	548
Eastern	72.1	91.6	68.5	7.5	27.5	4.0	39.2	75.6	32.7	44.6	40.5	45.2	17.0	51.1	10.9	5.9	13.7	4.5	865
Ashanti	54.5	82.0	46.8	16.2	42.0	9.0	33.8	64.4	25.2	18.1	11.2	20.0	18.4	49.2	9.9	7.8	17.3	5.1	1,349
Western North	61.8	83.3	60.1	6.3	43.3	3.3	30.9	63.3	28.3	39.4	30.0	40.2	7.0	43.3	4.1	7.5	30.0	5.7	398
Ahafo	60.0	95.5	55.1	9.4	50.0	3.8	22.2	68.2	15.8	36.7	4.5	41.1	12.2	50.0	7.0	10.6	31.8	7.6	180
Bono	62.4	79.4	58.5	9.3	30.2	4.4	38.2	66.7	31.6	28.7	12.7	32.4	9.3	31.7	4.0	9.9	31.7	4.8	335
Bono East	51.6	86.7	46.8	4.1	26.7	0.9	23.0	75.6	15.7	32.4	17.8	34.5	10.5	33.3	7.4	6.2	17.8	4.6	370
Oti	53.8	90.0	51.4	3.2	30.0	1.4	25.0	75.0	21.6	34.9	30.0	35.3	8.3	50.0	5.5	5.1	15.0	4.5	312
Northern	44.5	83.3	40.0	5.8	30.8	2.8	22.0	74.4	15.9	26.5	20.5	27.3	7.5	25.6	5.4	4.2	15.4	2.8	744
Savannah	51.0	100.0	48.1	4.9	64.3	1.3	22.9	85.7	19.0	33.5	21.4	34.2	4.9	35.7	3.0	3.7	14.3	3.0	245
North East	49.2	95.0	45.0	4.1	25.0	2.3	22.3	90.0	16.2	30.6	25.0	31.1	5.4	25.0	3.6	5.8	25.0	4.1	242
Upper East	68.4	85.3	67.3	8.5	41.2	6.3	29.4	61.8	27.3	48.0	38.2	48.6	5.9	29.4	4.3	6.8	8.8	6.7	544
Upper West	82.6	87.5	82.2	6.1	41.7	3.6	38.7	87.5	35.2	55.0	33.3	56.5	8.6	25.0	7.4	16.9	25.0	16.3	362

* Refers to the presence of at least one type of health facility (hospitals, clinics, health centres, health posts, CHPS compounds) in a residential cluster

3.2.3. Commercial Banks and Microfinance Institutions

Financial institutions are mostly found in the southern part of the country and are predominant in the Ashanti, Greater Accra, Eastern, Western and Central regions (Figure 4). Overall, financial institutions are found in regional and district capitals.

FIGURE 4: GEO-LOCATION OF COMMERCIAL BANKS AND MICROFINANCE INSTITUTIONS

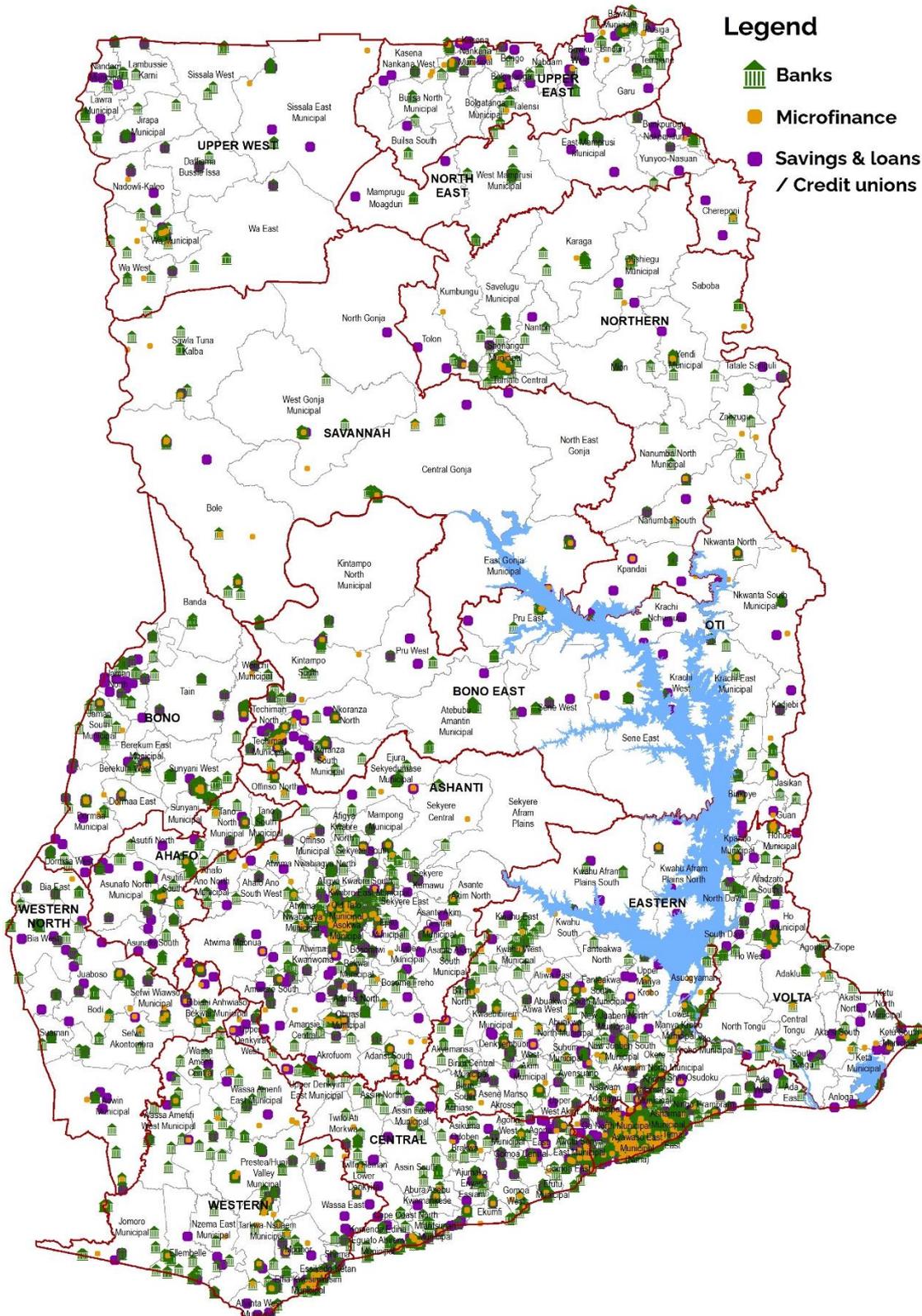


Table 3 indicates that the availability of commercial banks and microfinance institutions is an urban phenomenon. Sixty-nine percent of residential clusters in urban areas have at least one financial institution compared to 14 percent in rural areas. Regional distribution shows that 96 percent of urban residential clusters in Ahafo have a banking facility compared to 43 percent in Volta Region. In contrast, 24 percent of rural residential clusters in Greater Accra have a commercial bank facility compared to less than six percent of rural clusters in six regions.

TABLE 3: PERCENT OF RESIDENTIAL CLUSTERS WITH COMMERCIAL BANKS AND MICROFINANCE INSTITUTIONS BY TYPE OF LOCALITY AND REGION

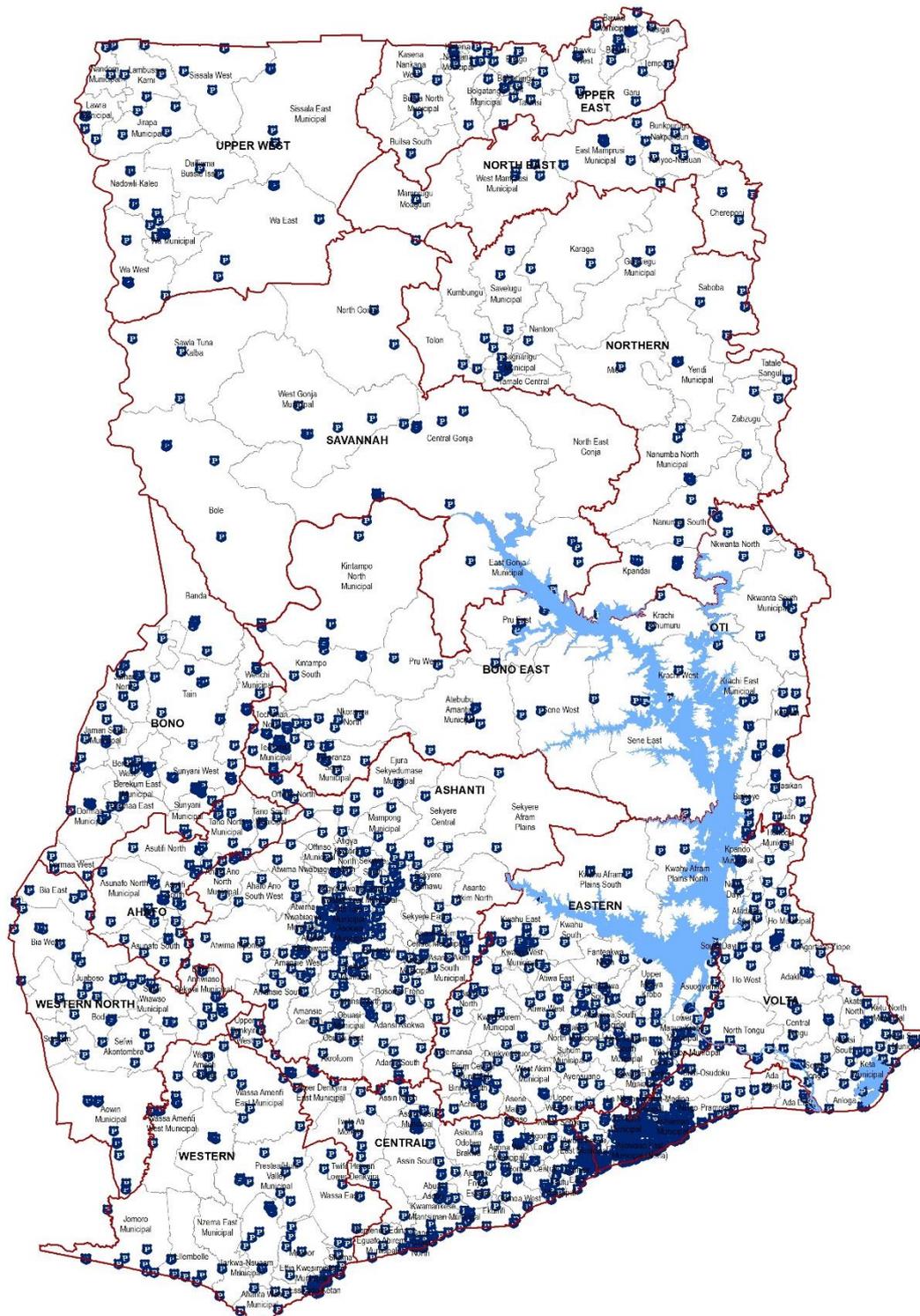
Administrative Unit	Any Financial Institution*			Commercial Banks			Microfinance Institutions			No. of Clusters
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Ghana	22.9	69.0	14.1	15.7	57.2	7.7	14.0	44.7	8.1	8,450
Region										
Western	27.2	76.8	18.4	19.3	64.2	11.4	14.6	48.4	8.6	632
Central	23.8	62.7	15.4	16.0	50.7	8.5	13.5	37.3	8.3	757
Greater Accra	53.4	72.0	34.2	41.1	57.4	24.1	36.2	53.3	18.3	567
Volta	17.7	49.3	13.3	10.8	43.3	6.2	10.6	31.3	7.7	548
Eastern	24.2	76.3	14.9	16.9	67.2	7.9	13.4	42.0	8.3	865
Ashanti	27.4	65.8	16.7	18.6	50.8	9.6	17.6	45.4	9.9	1,349
Western North	17.6	83.3	12.2	10.8	70.0	6.0	11.8	60.0	7.9	398
Ahafo	24.4	100.0	13.9	18.9	95.5	8.2	13.9	54.5	8.2	180
Bono	28.4	76.2	17.3	19.4	63.5	9.2	17.3	49.2	9.9	335
Bono East	18.9	75.6	11.1	11.1	60.0	4.3	13.0	48.9	8.0	370
Oti	12.5	75.0	8.2	7.4	70.0	3.1	8.0	45.0	5.5	312
Northern	12.7	55.1	7.8	8.6	48.7	3.9	7.4	33.3	4.3	744
Savannah	11.4	71.4	7.8	7.3	64.3	3.9	6.9	50.0	4.3	245
North East	11.2	45.0	8.1	6.2	45.0	2.7	7.0	20.0	5.9	242
Upper East	13.8	58.8	10.8	7.9	52.9	4.9	8.5	26.5	7.3	544
Upper West	18.2	87.5	13.3	13.0	79.2	8.3	9.1	41.7	6.8	362

* Refers to the presence of at least of one type of financial institution (commercial banks and microfinance institutions) in a residential cluster.

3.2.4. Police Stations

A greater number of police stations are located in the southern sector of the country, notably Greater Accra, Ashanti, Eastern and Central regions. Police stations are sparsely distributed in the middle belt, stretching from the Afram Plains north-westward towards the Tumu gap in the Upper West Region; and evenly distributed in the Upper East, Volta and Western regions (Figure 5).

FIGURE 5: GEO-LOCATION OF POLICE STATIONS



Forty-five percent of urban residential clusters have a police station facility compared to eight percent in rural clusters (Table 4). The Northern Region has the lowest percentage of localities with police presence for both urban (28.2%) and rural (2.7%) clusters while Ahafo has the highest in the urban clusters (95.5%) and Greater Accra in the rural clusters (12.6%).

TABLE 4: PERCENT OF RESIDENTIAL CLUSTERS WITH POLICE STATIONS BY TYPE OF LOCALITY AND REGION

Administrative Unit	Total	Urban	Rural	No. of Clusters
Ghana	14.2	45.1	8.3	8,450
Region				
Western	13.1	45.3	7.4	632
Central	15.6	46.3	9.0	757
Greater Accra	27.3	41.5	12.6	567
Volta	14.4	40.3	10.8	548
Eastern	16.1	54.2	9.3	865
Ashanti	17.5	39.3	11.4	1,349
Western North	12.1	63.3	7.9	398
Ahafo	18.9	95.5	8.2	180
Bono	17.3	50.8	9.6	335
Bono East	13.5	53.3	8.0	370
Oti	11.2	70.0	7.2	312
Northern	5.4	28.2	2.7	744
Savannah	10.2	71.4	6.5	245
North East	7.9	30.0	5.9	242
Upper East	8.1	44.1	5.7	544
Upper West	10.8	50.0	8.0	362

3.3. Index of Concentration of Essential Service Facilities

3.3.1. Basic Educational Facilities

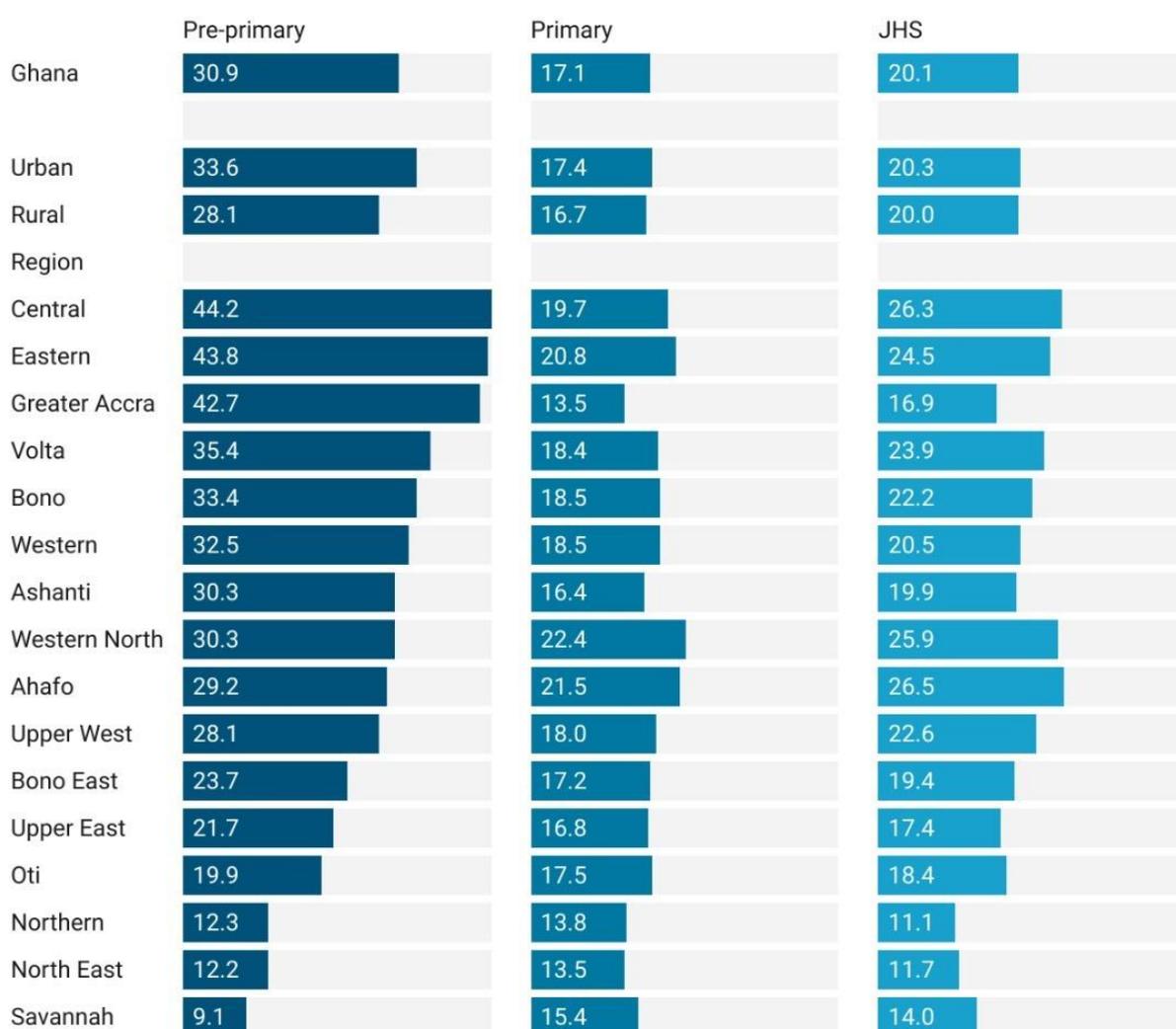
Variation in the index of concentration is most pronounced at the pre-primary level.

In urban and rural areas, the index of concentration is the same at the primary and JHS levels, while for pre-primary urban areas have 34 facilities per 1,000 population aged 4-5 years and 28 in rural areas (Figure 6).

Regional disparities in the index of concentration at the pre-primary level are five times as high, with Savannah recording 9 facilities per 1,000 children aged 4-5 years compared to 44 in Central and Eastern regions.

The variation is much lower at the primary level (1.5 times) with Ahafo and Western North regions having the highest index of concentration of 22 facilities per 1,000 primary school population compared to 14 schools in Greater Accra, Northern and North East regions.

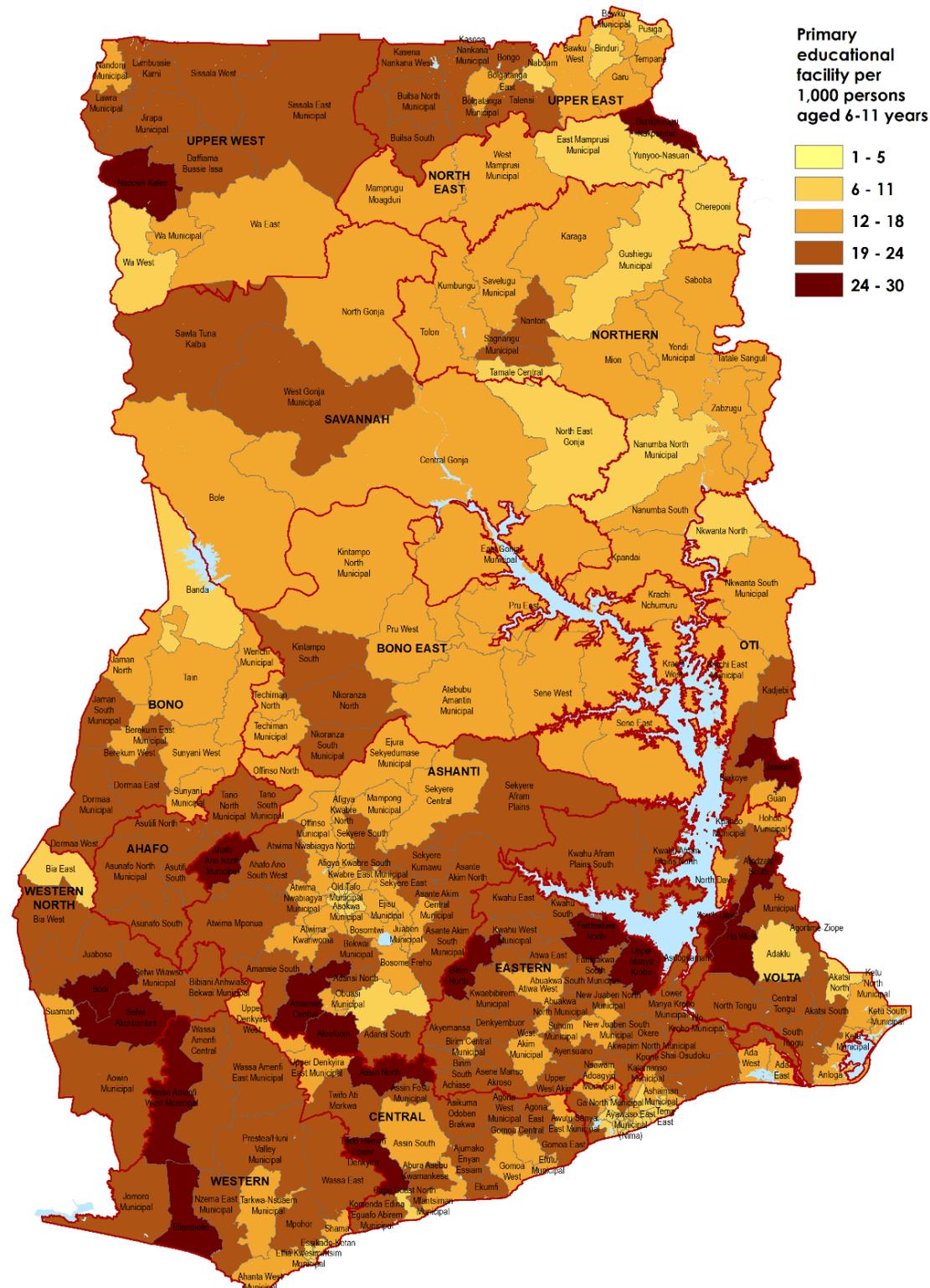
FIGURE 6: BASIC EDUCATION FACILITIES PER 1,000 POPULATION OF THE RELEVANT AGE BRACKET BY TYPE OF LOCALITY AND REGION



Primary Educational Facilities

Primary schools are well distributed throughout the country with at least one district with a high concentration (greater than 18) in each region. Six districts (Ablekuma Central, Accra Metro, Kwadaso, Old Tafo, Nabdram and Binduri) have the lowest index (Figure 8).

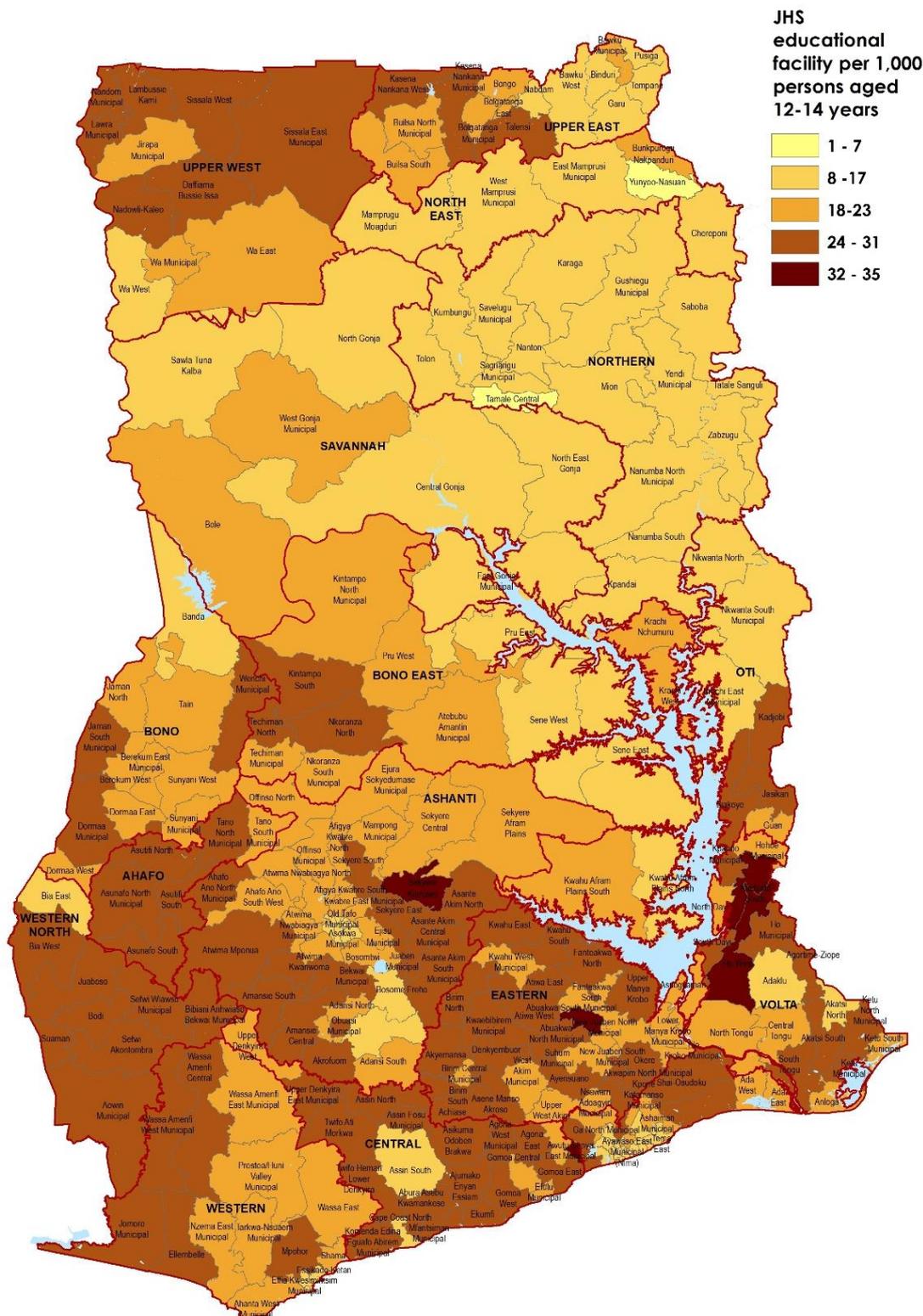
FIGURE 8: PRIMARY SCHOOLS PER 1,000 POPULATION AGED 6-11 YEARS BY DISTRICT



JHS Educational Facilities

Almost all districts in regions in the southern part of Ghana and Upper West Region have high concentrations of JHS facilities per 1,000 population of 12–14-year-olds (Figure 9). Yunyoo-Nasuan and Tamale Central have the lowest index of concentration (less than 8).

FIGURE 9: JHS PER 1,000 POPULATION AGED 12-14 YEARS BY DISTRICT

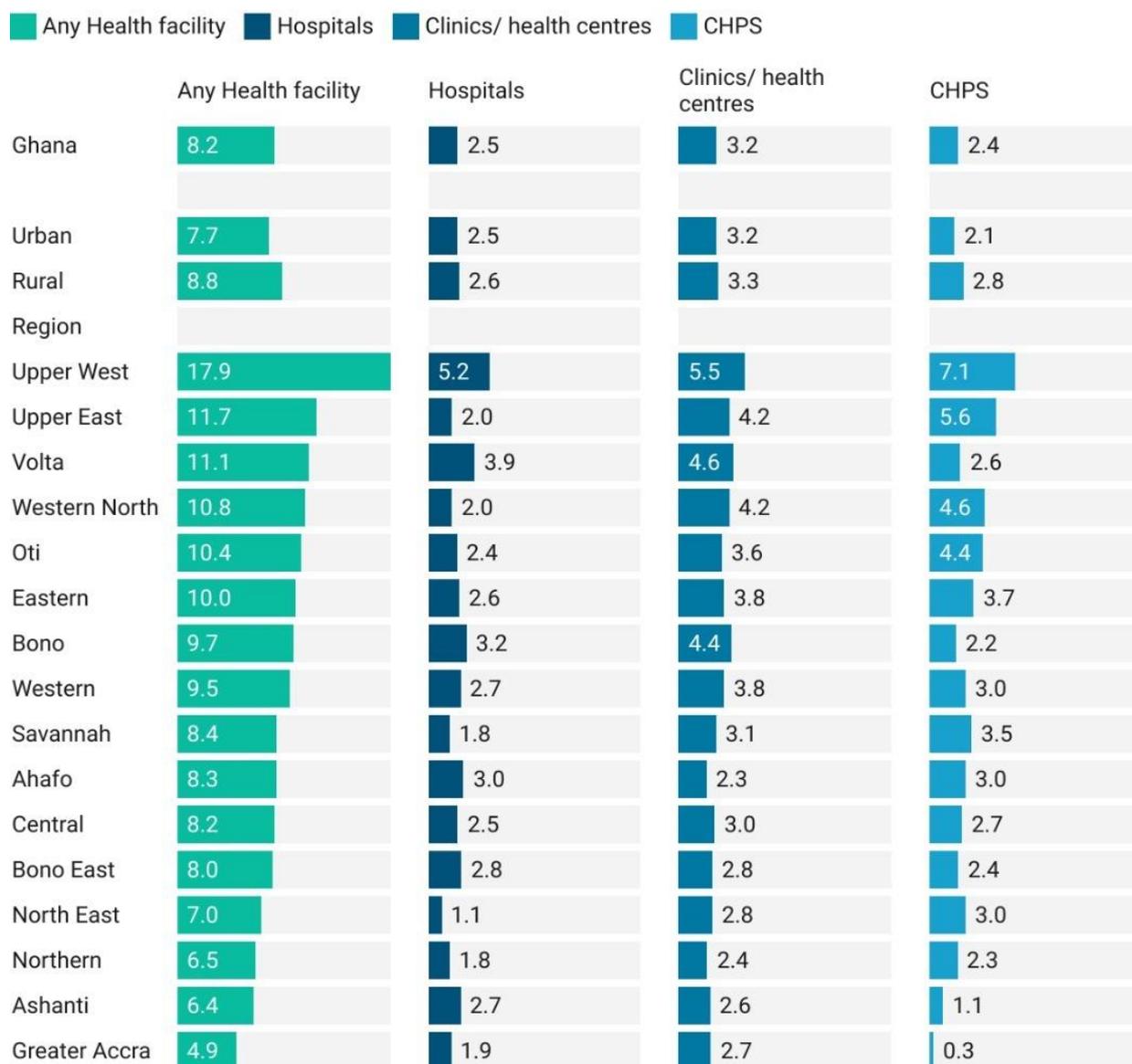


3.3.2. Healthcare Facilities

There are eight healthcare facilities⁴ for every 10,000 population in the country. The index of concentration is slightly higher in rural (9) than urban (8) areas (Figure 10).

Ten regions have more CHPS compounds per 10,000 population than hospitals (Upper West, Upper East, Western North, Oti, Eastern, Western, Savannah, Central, North East and Northern).

FIGURE 10: HEALTHCARE FACILITIES PER 10,000 POPULATION BY TYPE AND REGION

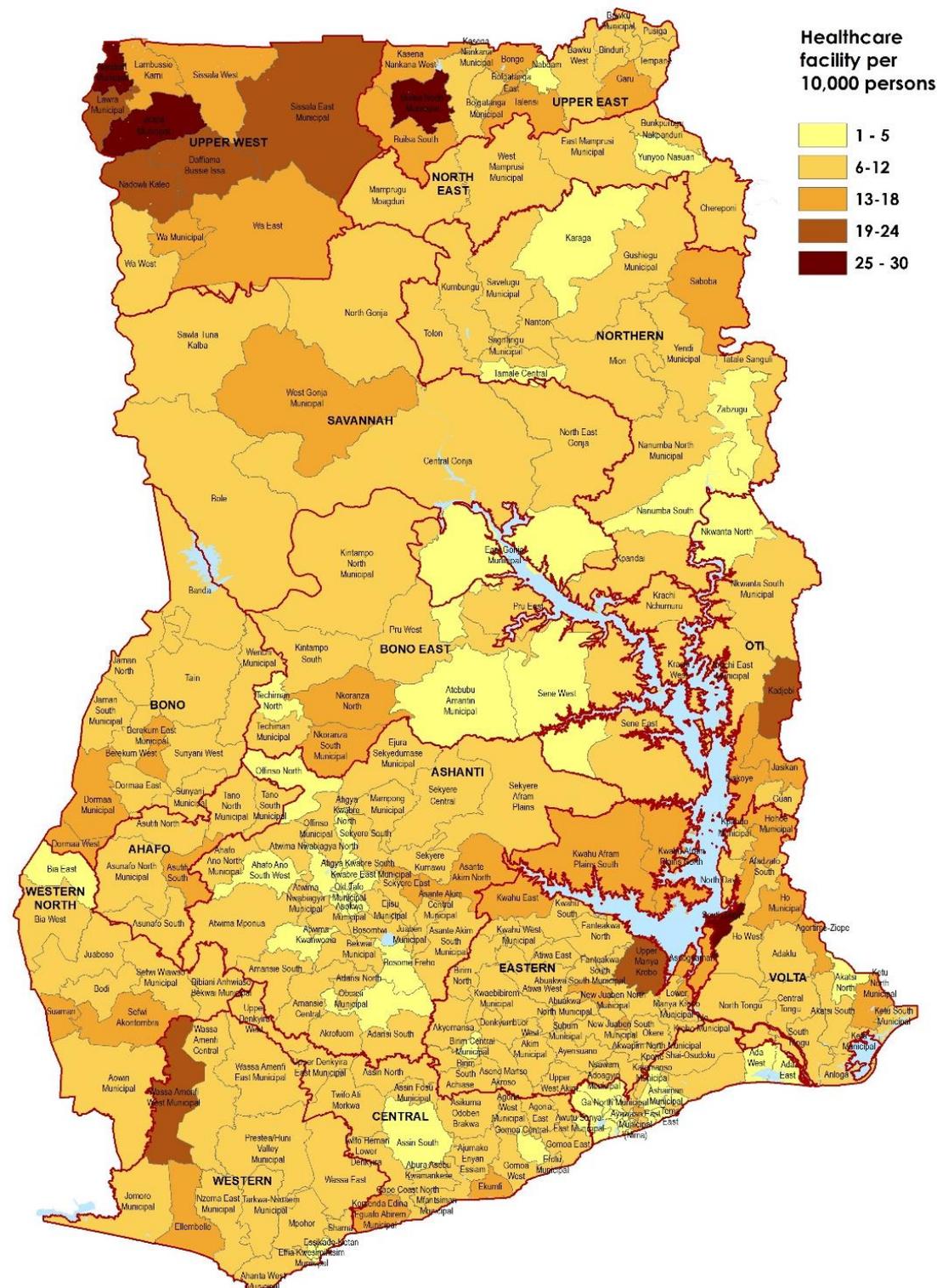


⁴ This is irrespective of the size of the health facility and the range of services provided.

Upper West Region has most (6 out of 11) of its districts having high index of concentration (above 18) of healthcare facilities per 10,000 population in the country.

More than 20 districts fall within the lowest category of the index of concentration for healthcare facilities per 10,000 population (Figure 11).

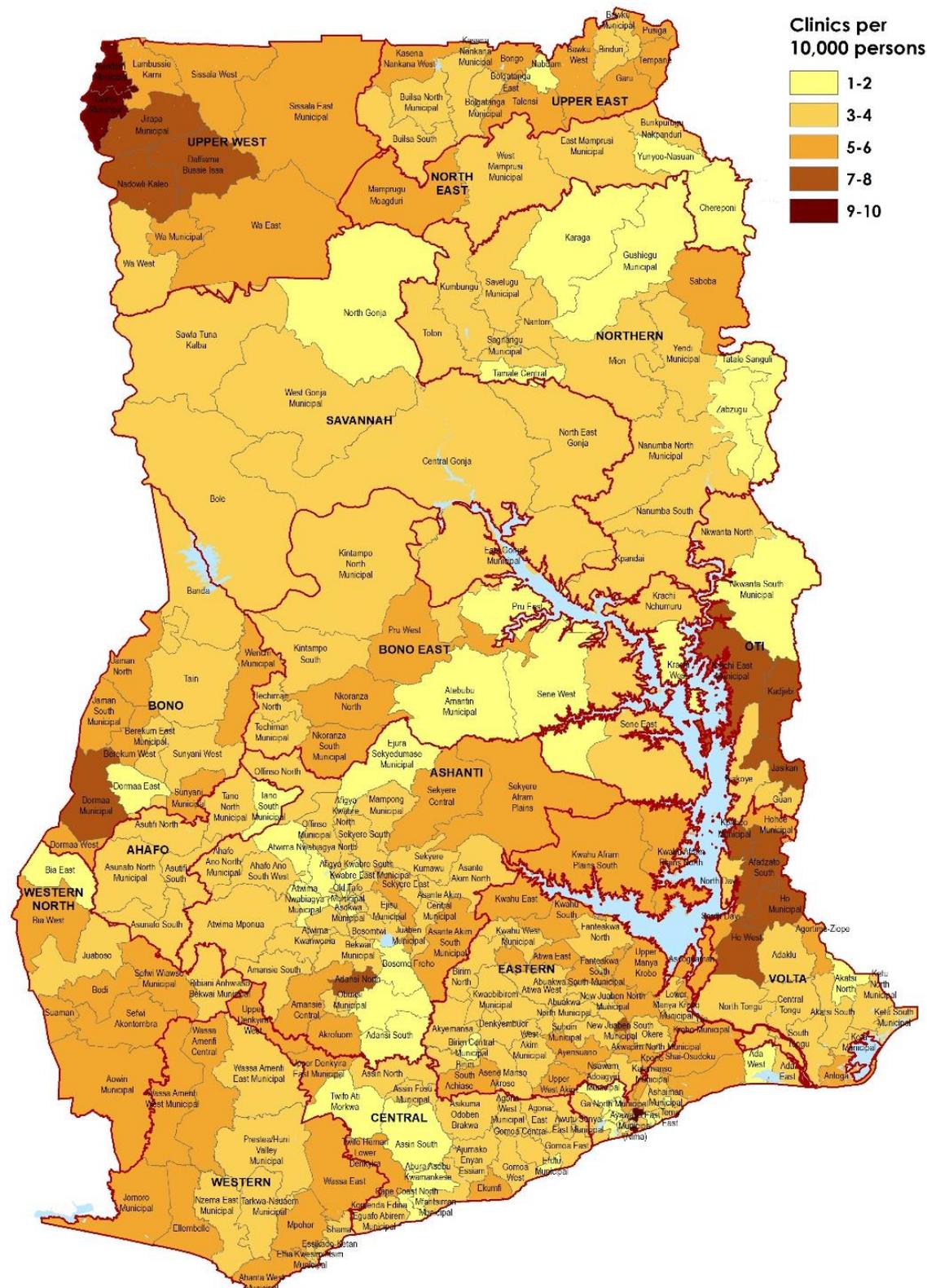
FIGURE 11: HEALTH FACILITIES PER 10,000 POPULATION BY DISTRICT



Clinics or Health Centres

Seventeen of the 261 districts (6.5%) have a concentration greater than six clinics or health centres per 10,000 population, compared to 49 districts (18.7%) with less than two clinics or health centres per 10,000 population (Figure 12).

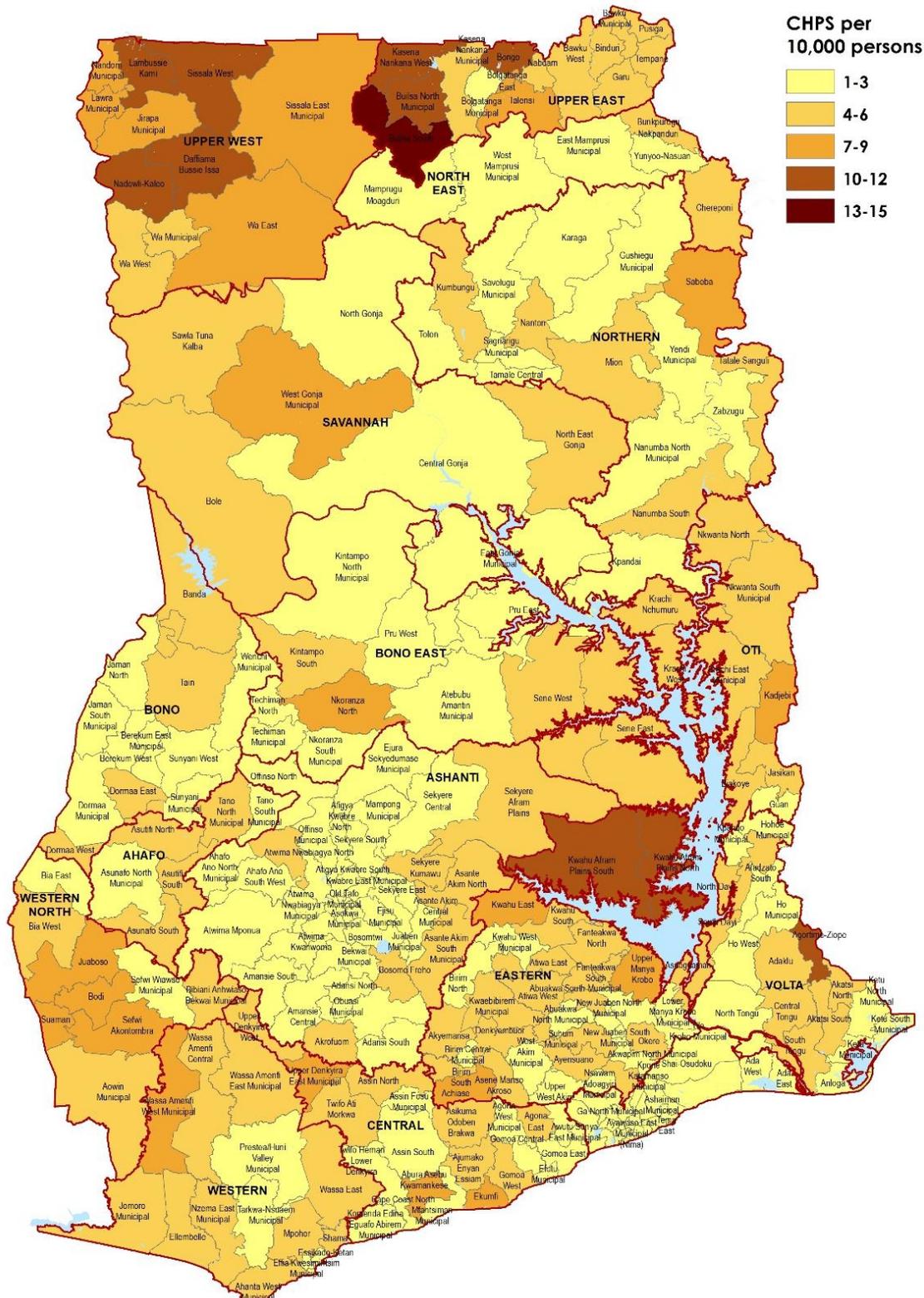
FIGURE 12: CLINICS OR HEALTH CENTRES PER 10,000 POPULATION BY DISTRICT



CHPS Compounds

CHPS compounds are unevenly distributed across the country, ranging from 13.1 in Builsa South district to 0.0 in 14 districts per 10,000 population (Figure 13).

FIGURE 13: CHPS COMPOUNDS PER 10,000 POPULATION BY DISTRICT

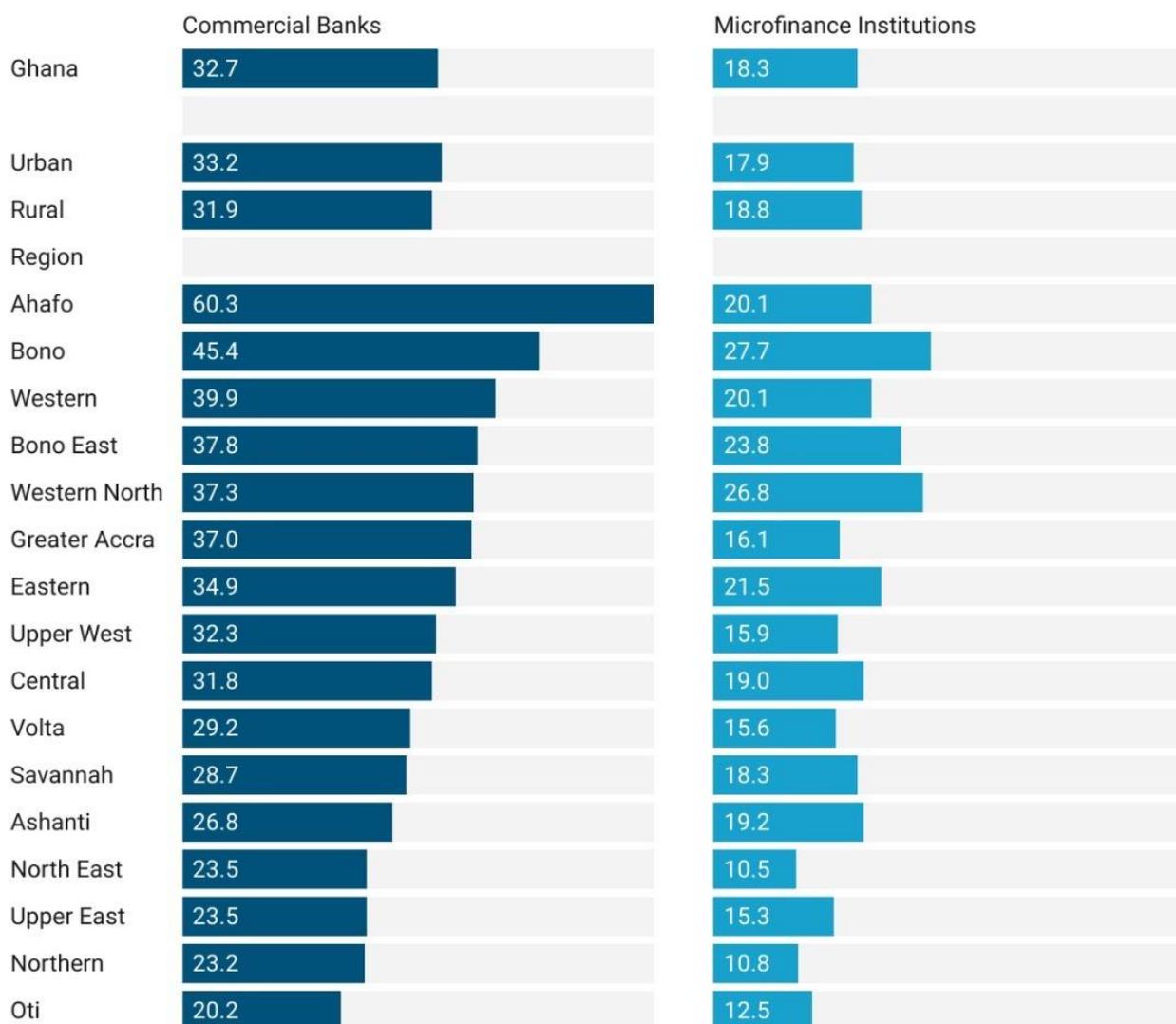


3.3.3. Commercial Banks and Microfinance Institutions

Overall, there are 33 commercial banks per 100,000 population aged 615 years and older nationwide, and with a marginal difference between urban (33) and rural (32) areas (Figure 14). Across the regions, Ahafo has the highest (60) and Oti the lowest (20).

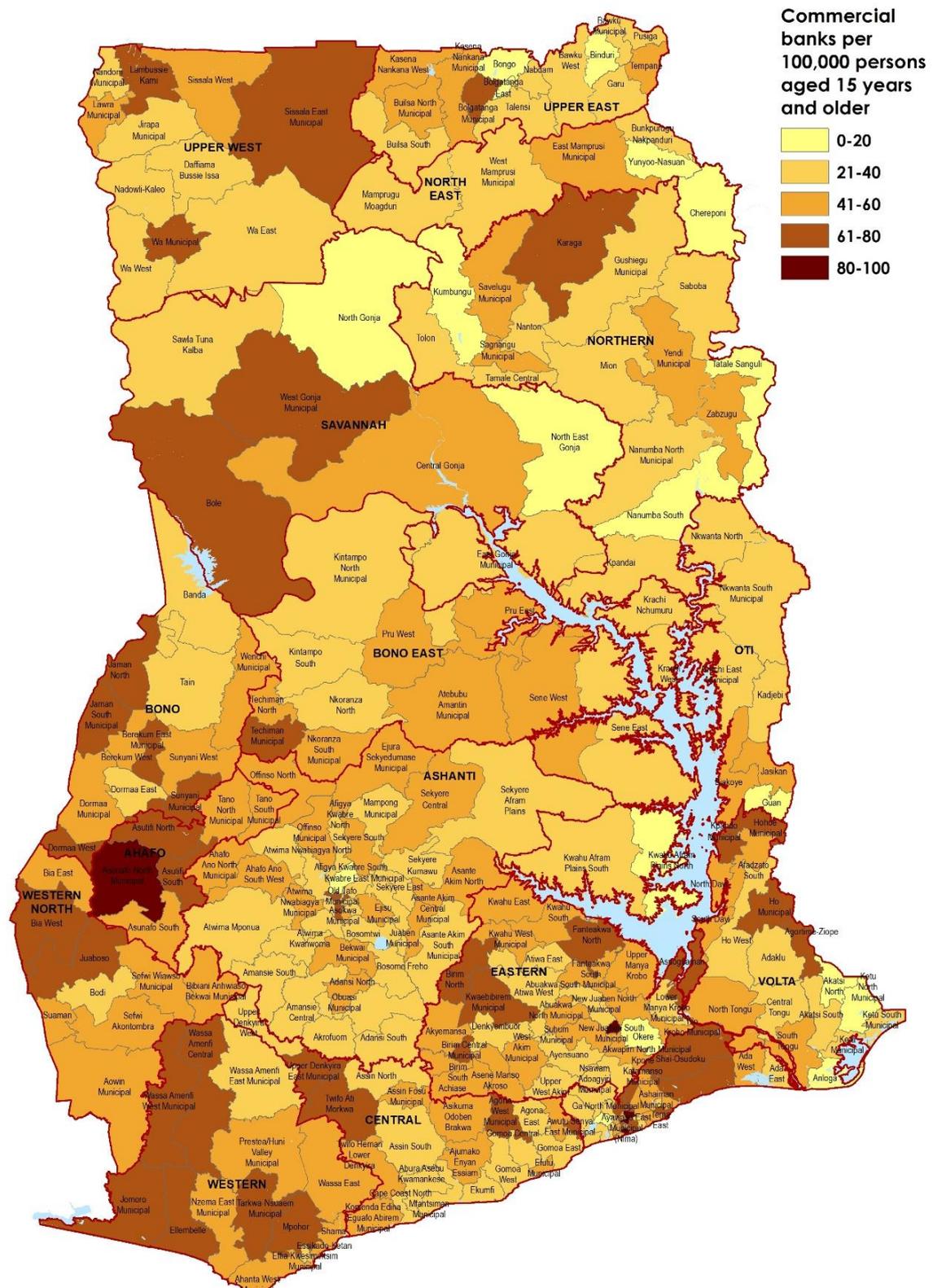
The national average for the concentration of microfinance institutions is 18 per 100,000 population aged 15 years or older, with the highest concentration in Bono Region (28), and the lowest (10.5) in the North East Region.

FIGURE 14: FINANCIAL INSTITUTIONS PER 100,000 POPULATION 15 YEARS AND OLDER



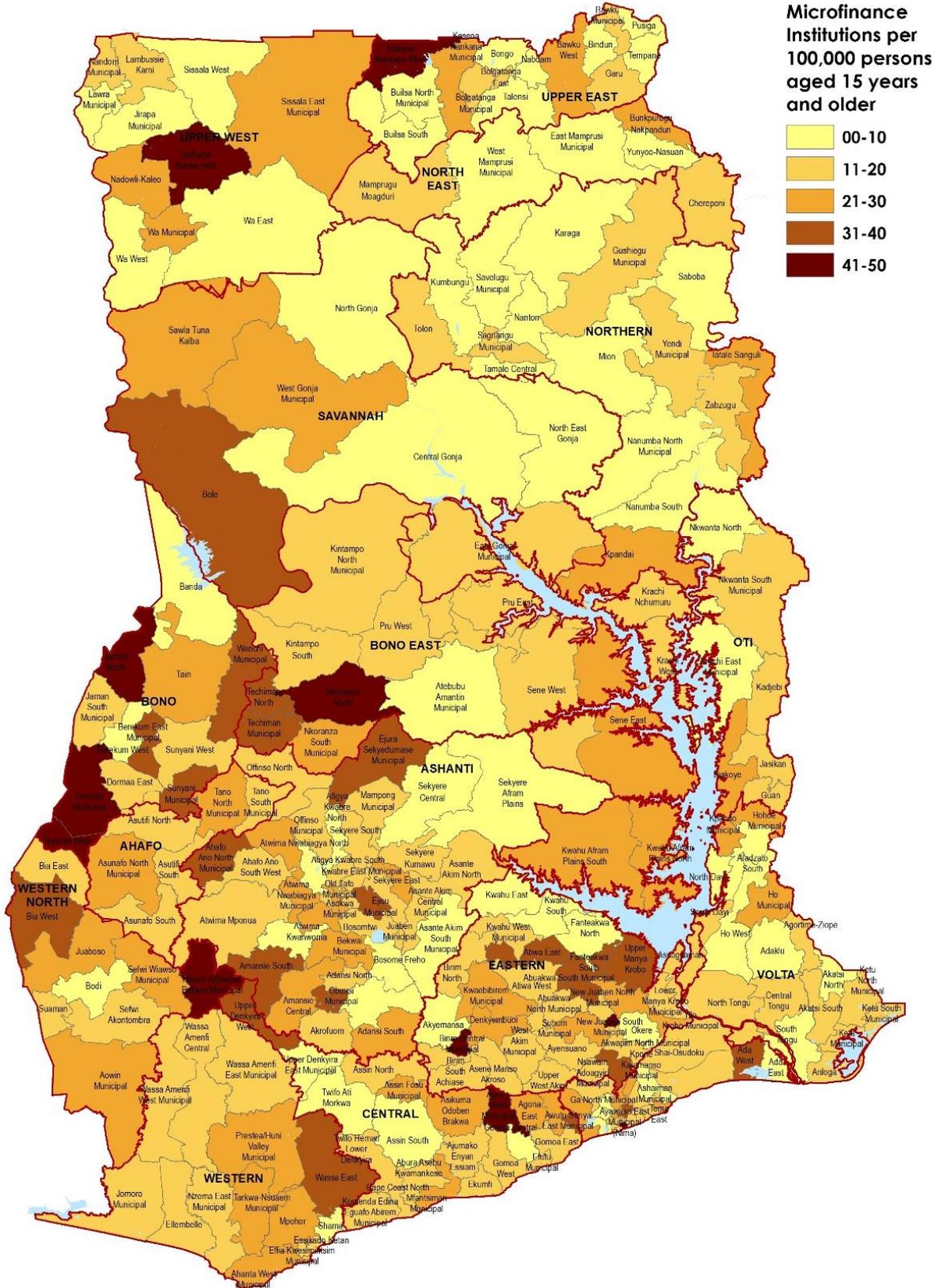
Thirty percent of districts (78 of 261) have fewer than 20 commercial banks compared to five percent (14 out of 261) with more than 60 commercial banks per 100,000 population aged 15 years and older (Figure 15).

FIGURE 15: COMMERCIAL BANKS PER 100,000 POPULATION BY DISTRICT



Microfinance institutions are more widely spread across the country. Sixty-five out of the 261 districts have fewer than ten microfinance institutions per 100,000 population 15 years and older; seven of these districts (see Appendix 5.2) have no microfinance institutions.

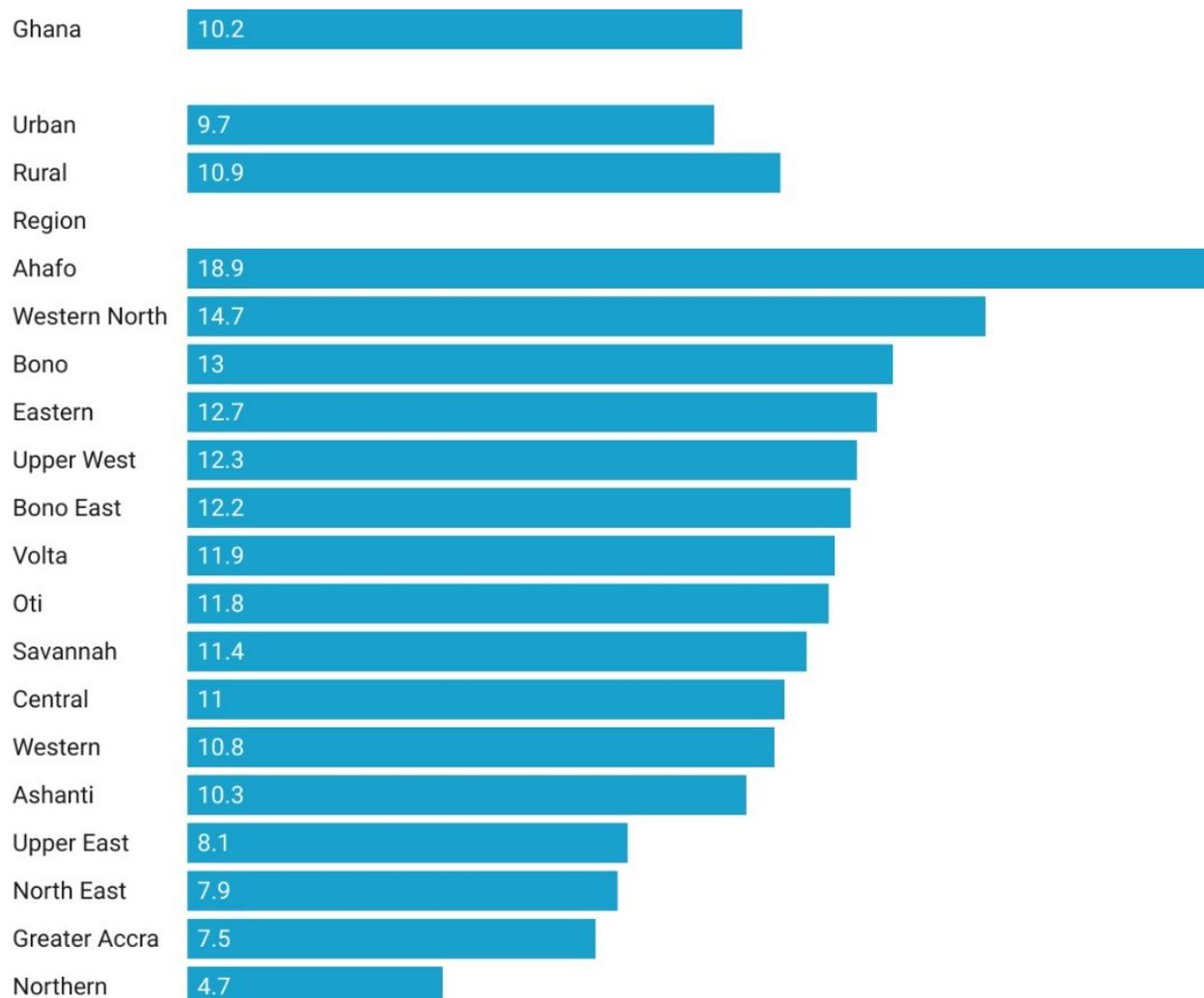
FIGURE 16: MICROFINANCE INSTITUTIONS PER 100,000 POPULATION BY DISTRICT



3.3.4. Police Stations

The index of concentration of police stations per 100,000 population is 10. This is slightly higher in rural (11) than urban (10) areas. Ahafo Region has the highest index of concentration of 19 per 100,000 population and Northern Region has 5, the least (Figure 17).

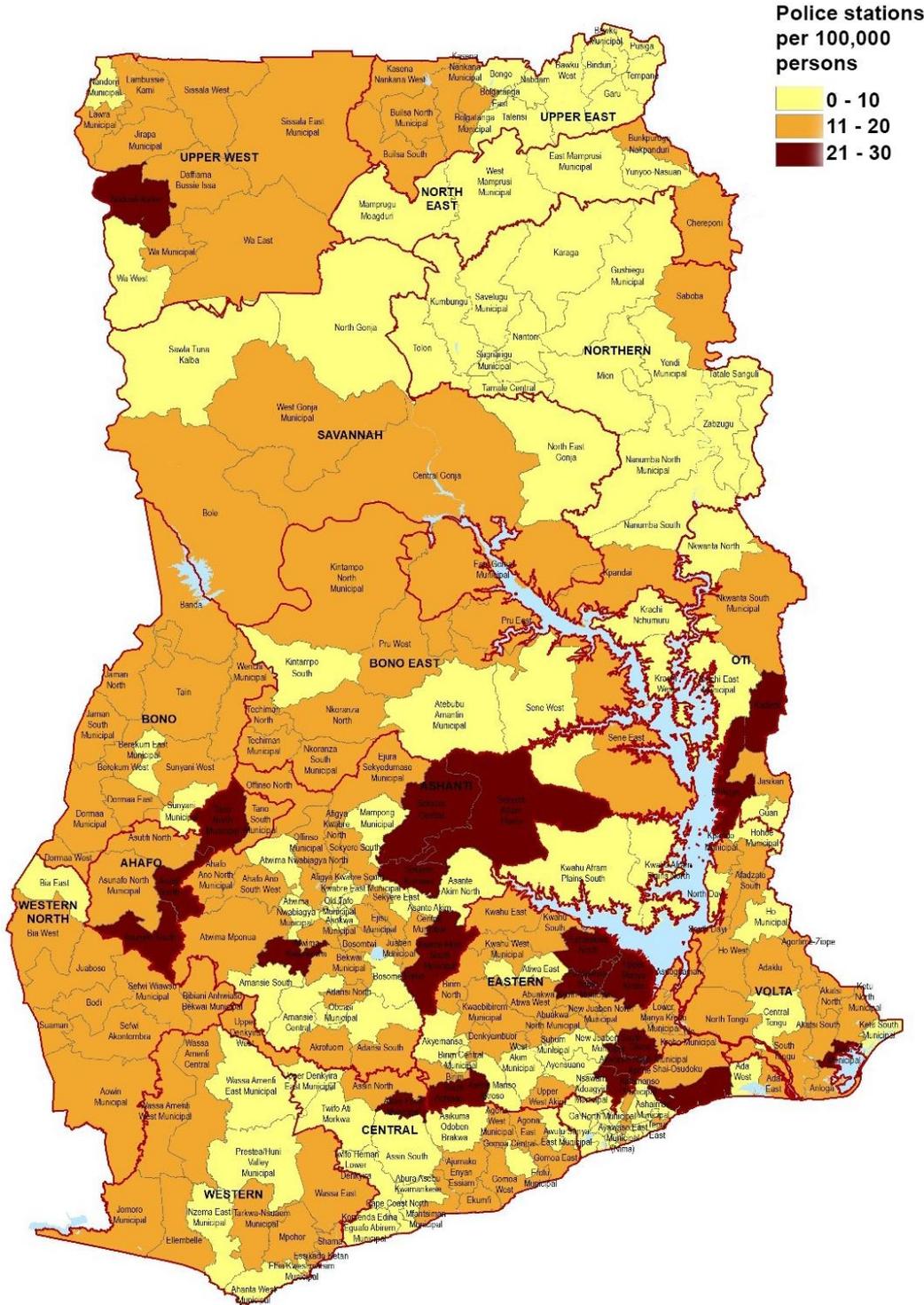
FIGURE 17: POLICE STATIONS PER 100,000 POPULATION BY TYPE OF LOCALITY AND REGION



One hundred and eighteen (45%) of the 261 districts have fewer than 10 police stations per 100,000 population. The only district in the northern part of Ghana with more than 20 or more police stations per 100,000 population is Nadowli Kaleo (Figure 18).

Asutifi South has the highest (29) index of concentration of police stations per 100,000 population, while North East Gonja has none (see Appendix 5.2).

FIGURE 18: POLICE STATIONS PER 100,000 POPULATION BY DISTRICT



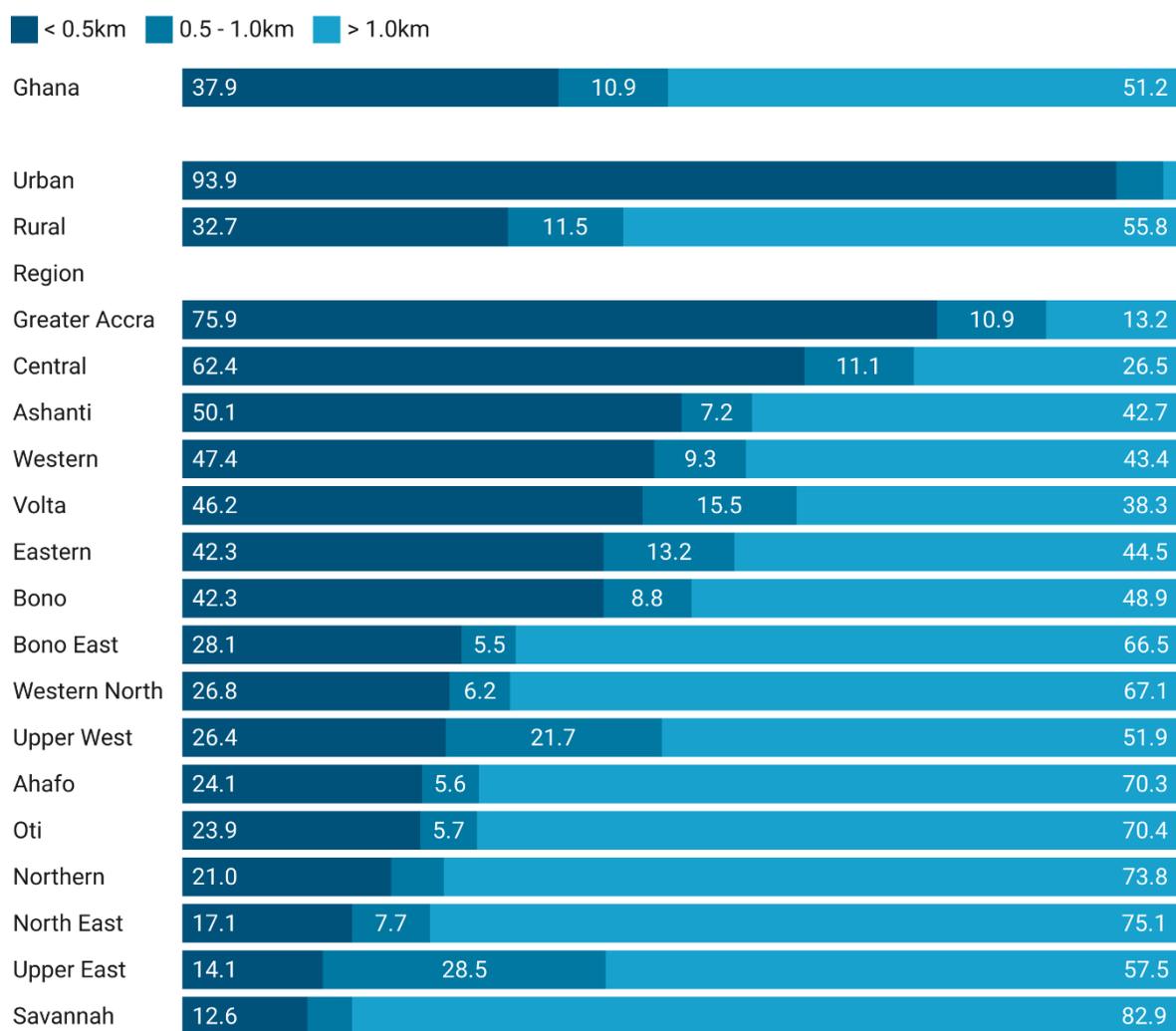
3.4. Proximity to Essential Service Facilities

3.4.1. Basic Educational Facilities

Pre-primary Facilities

Greater Accra has the highest proportion (87%) of residential structures within one kilometre of a pre-primary facility, followed by Central (73%) and Volta (62%) regions. Savannah (17%), North East (25%) and Northern (26%) regions have the lowest proportions within one kilometre of a pre-primary facility (Figure 19).

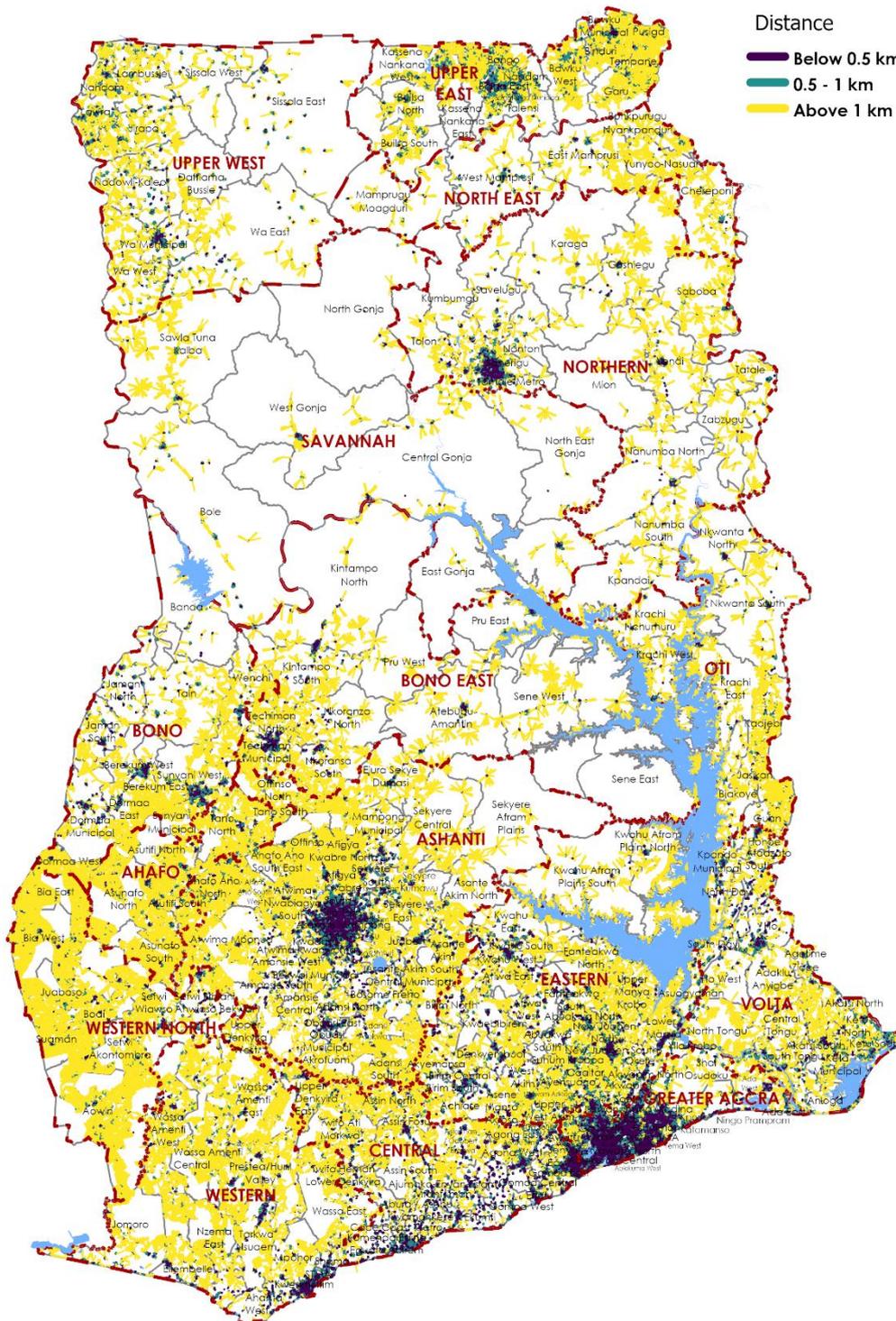
FIGURE 19: PROXIMITY TO PRE-PRIMARY EDUCATIONAL FACILITY BY REGION



Inter-district comparison shows that 26 districts have residential structures within half a kilometre of pre-primary facilities.

Thirty-three districts have all of their residential structures within one kilometre of a pre-primary facility, and Sene East (7%), Mion (8%) and Yunyoo Nasuan (9%) have the lowest (see Appendix 5.3).

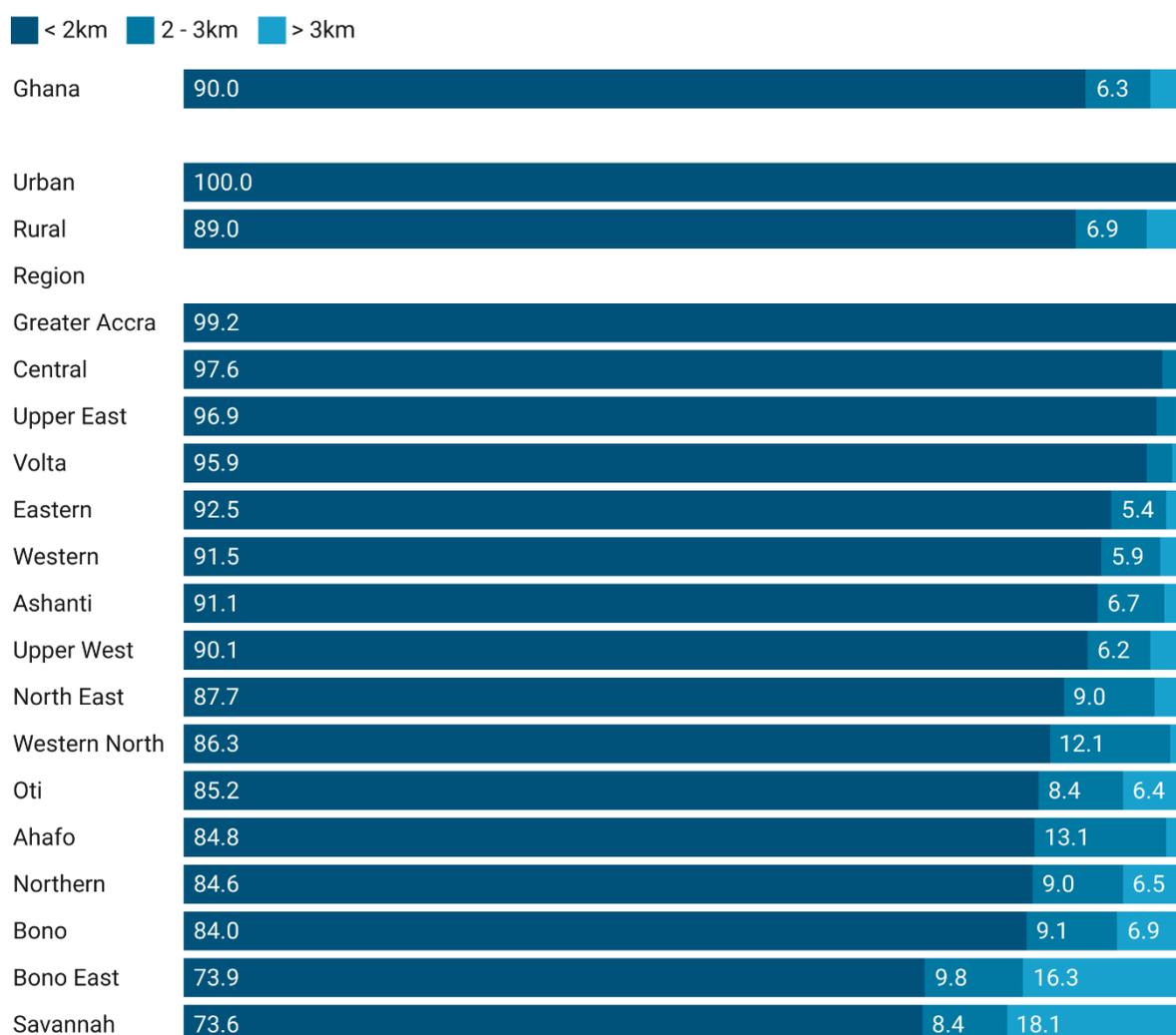
FIGURE 20: PROXIMITY OF RESIDENTIAL STRUCTURES TO PRE-PRIMARY EDUCATIONAL FACILITIES



Primary Level Educational Facilities

All residential structures in Central and Greater Accra regions are within three kilometres of a primary educational facility compared to 84 percent and 82 percent in Bono East and Savannah regions respectively (Figure 21).

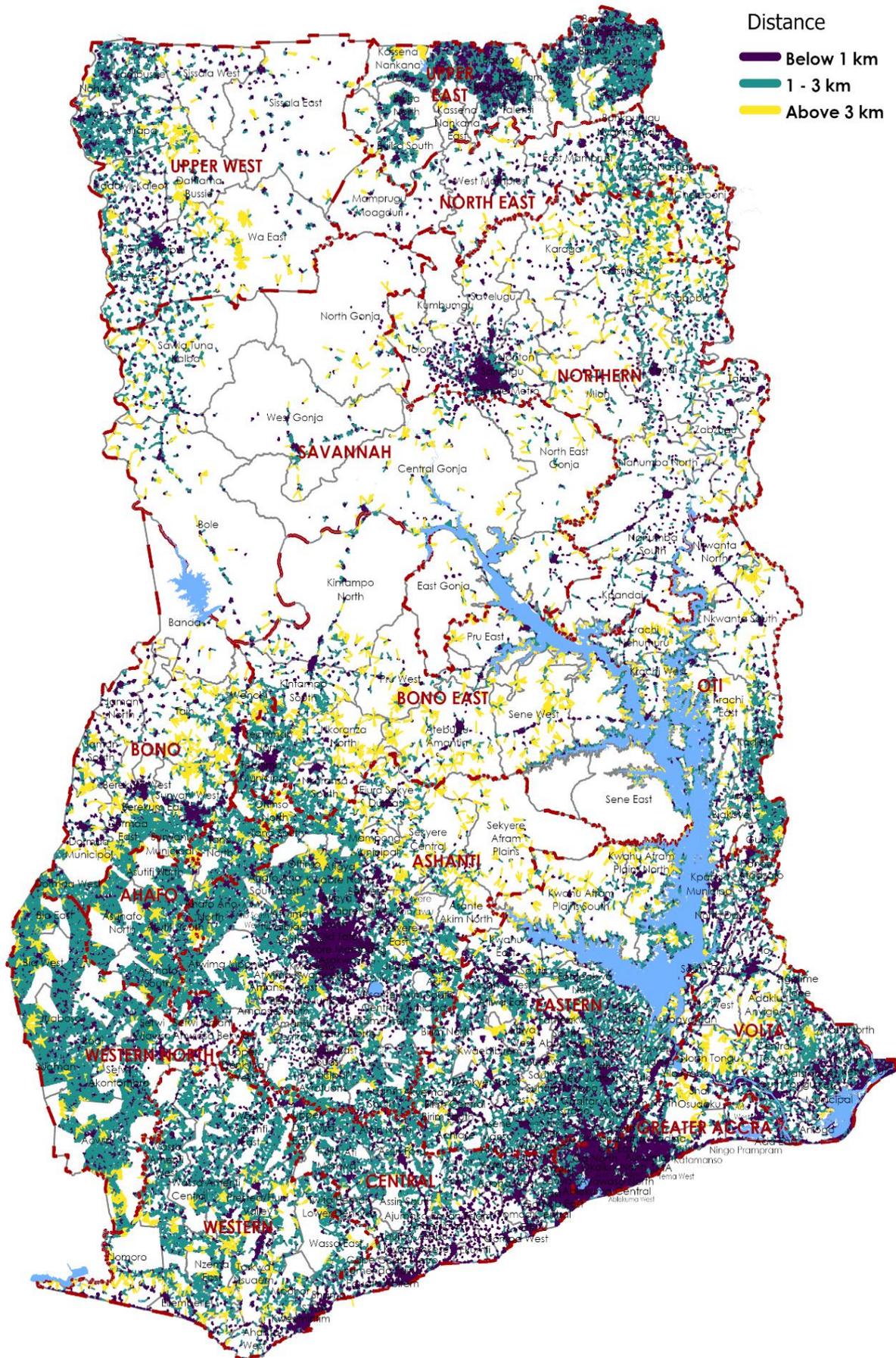
FIGURE 21: PROXIMITY TO PRIMARY EDUCATIONAL FACILITIES WITHIN REGIONS



National and regional capitals have primary schools located within one kilometre of residential structures. In other areas the schools are predominantly within one to three kilometres.

Intra-regional disparities in distances to primary level educational facilities are found in Upper West, Bono, Ashanti, Eastern and Oti regions.

FIGURE 22: PROXIMITY OF RESIDENTIAL STRUCTURES TO PRIMARY EDUCATIONAL FACILITIES



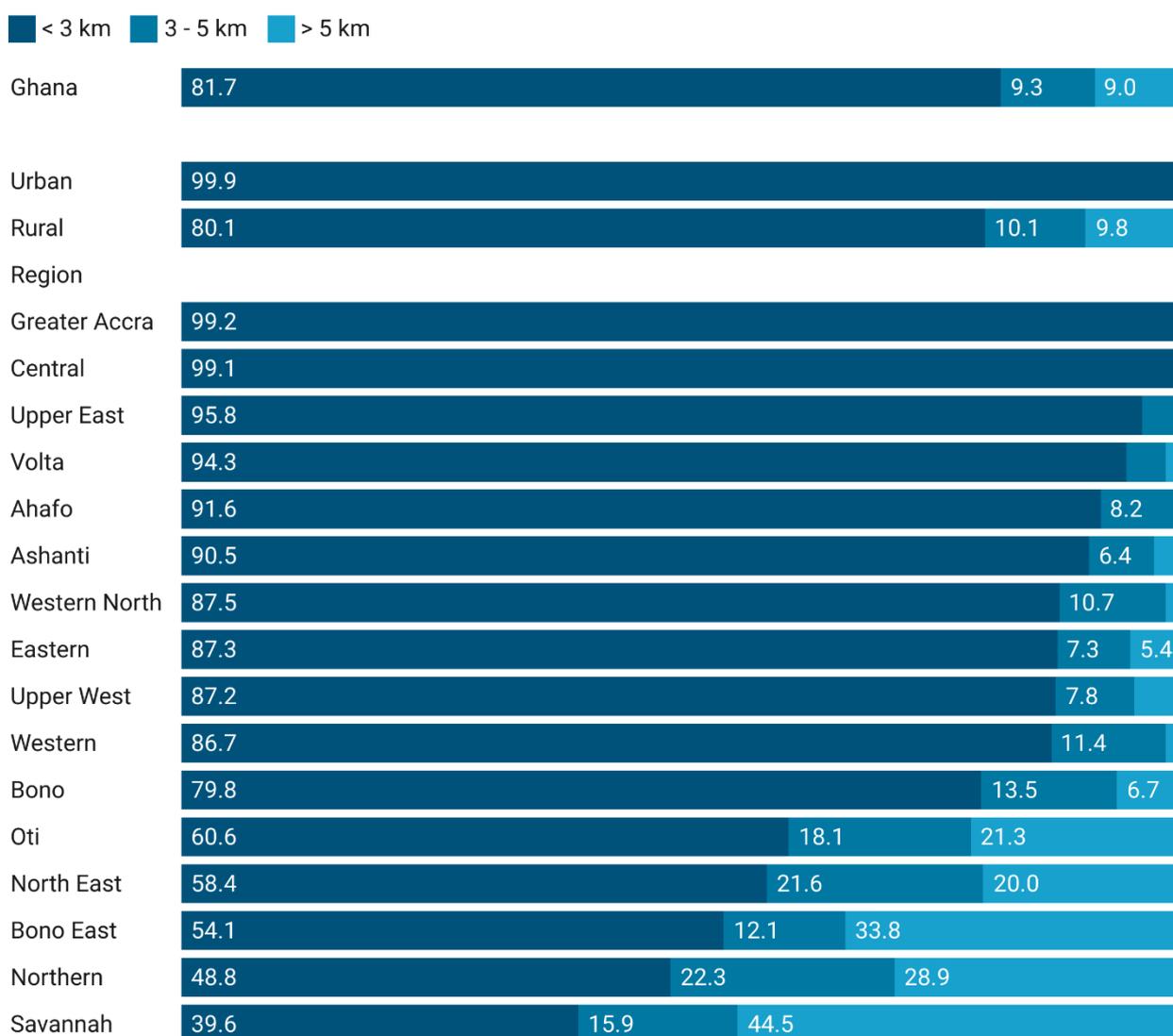
Junior High School (JHS) Facilities

Four regions (Central, Greater Accra, Ahafo and Upper East) have almost all residential structures within five kilometres of a JHS facility.

Savannah Region (55.5%) has the lowest percentage of residential structures within five kilometres of a JHS facility.

In seven regions, at least 75 percent of residential structures are located within two kilometers of a JHS facility (Figure 23).

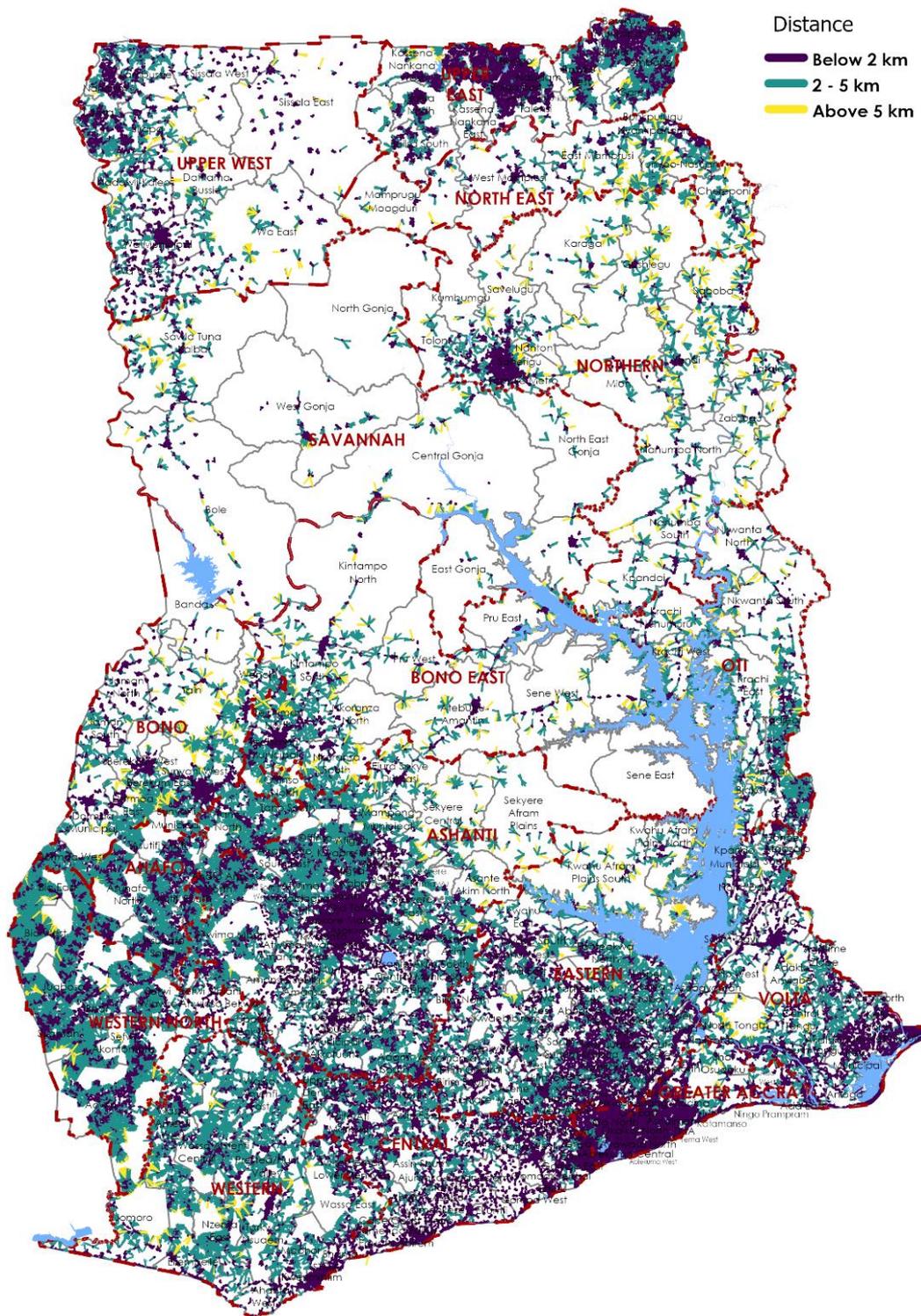
FIGURE 23: PROXIMITY TO JUNIOR HIGH SCHOOLS BY REGION



In all the regional capitals, residential structures are within two kilometres of a JHS facility.

Intra-region disparities in distances to JHS facilities are found in Upper West, Upper East, Bono East, Ashanti and Eastern regions (Figure 24).

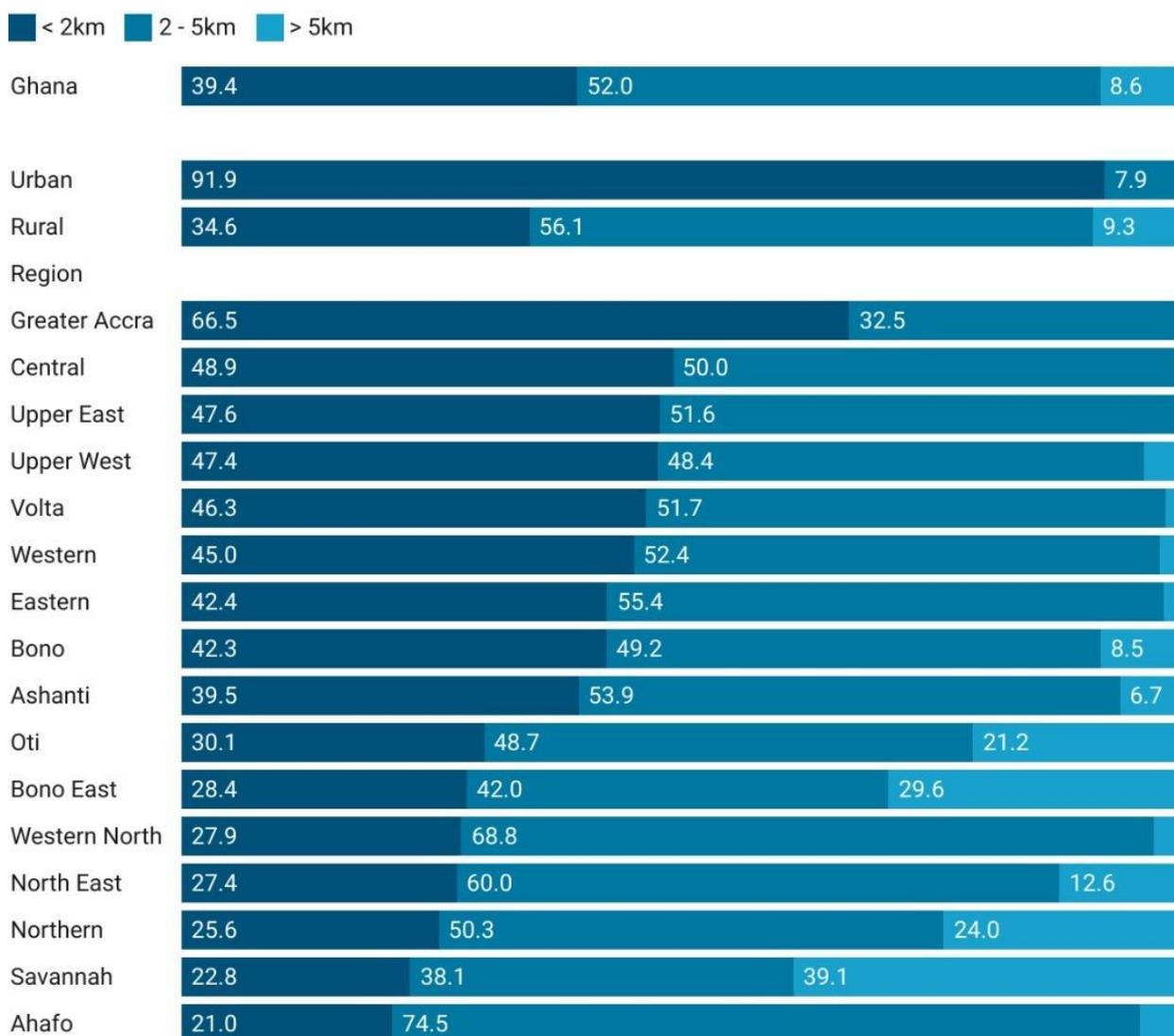
FIGURE 24: DISTANCES OF RESIDENTIAL STRUCTURES TO JUNIOR HIGH SCHOOLS



3.4.2. Healthcare Facilities

Nine regions have more than 95 percent of all their residential structures located within five kilometres of a health facility: Upper East (99.2%), Greater Accra (99.0%), Central (98.9%), Volta (98.0%), Eastern (97.8%), Western (97.4%), Western North (96.7%), Upper West (95.8%) and Ahafo (95.5%). Savannah Region (60.9%) has the lowest (Figure 25).

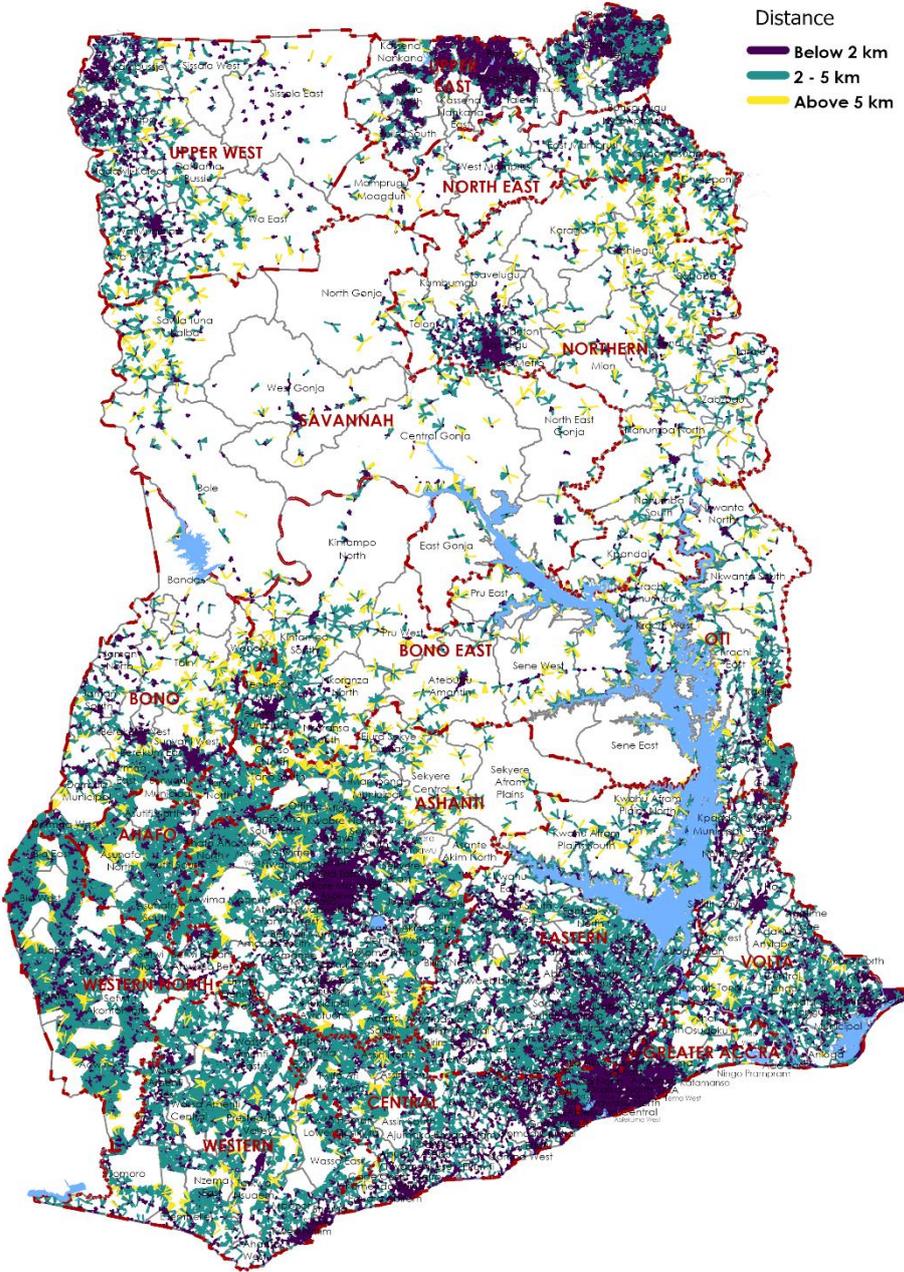
FIGURE 25: PROXIMITY TO HEALTHCARE FACILITIES BY REGION



Healthcare facilities that are located less than two kilometres from residential structures are found mainly in the regional capitals. In other areas, healthcare facilities are predominantly located between two and five kilometres away from residential structures (Figure 26).

Almost half (130) of the districts have all residential structures located within five kilometres of a health facility. Sekyere Afram Plains and Central Gonja districts have the least proportion (46%) of residential structures within five kilometres of a health facility (see Appendix 5.4).

FIGURE 26: PROXIMITY OF RESIDENTIAL STRUCTURES TO HEALTHCARE FACILITIES

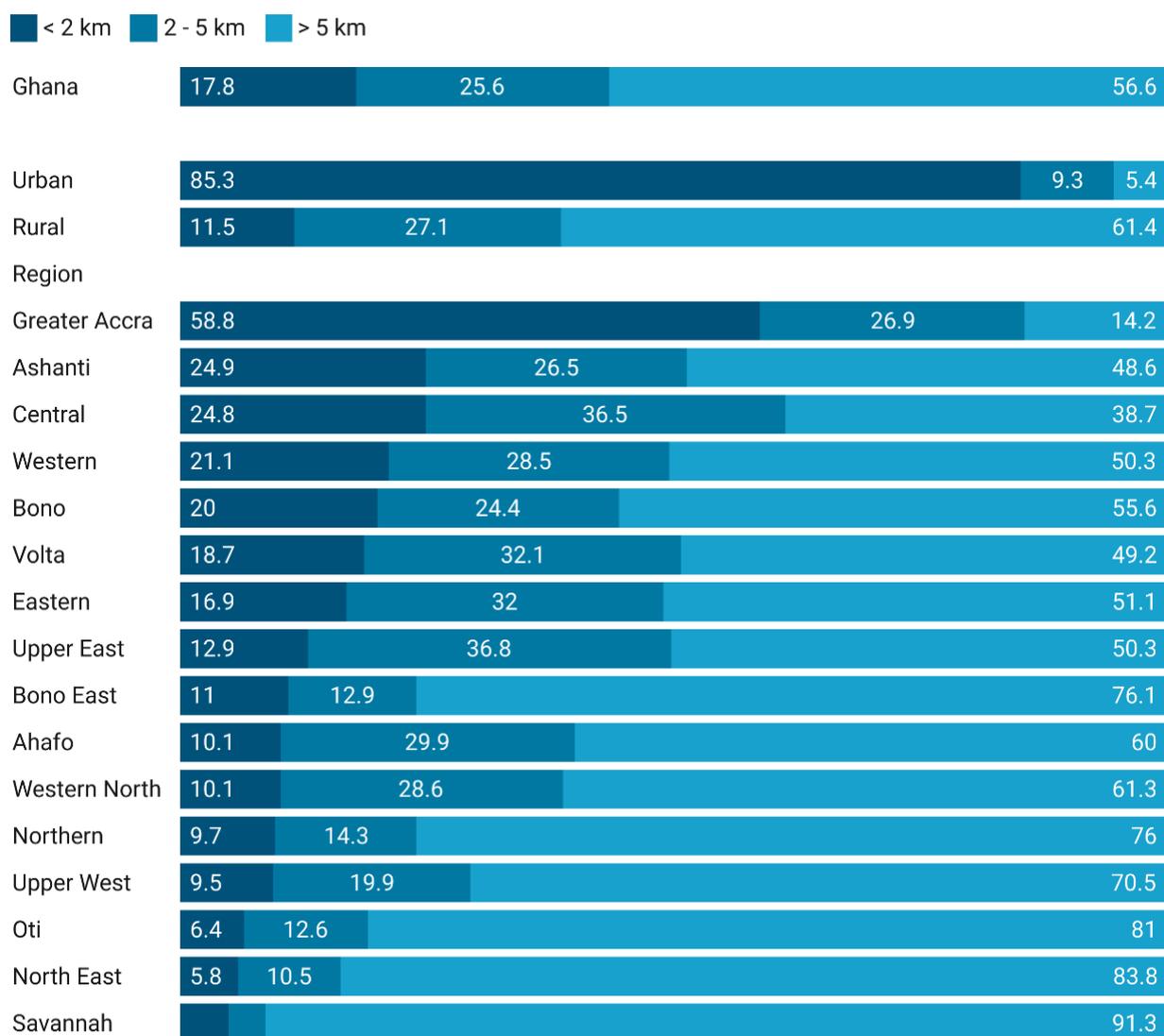


3.4.3. Commercial Banks and Microfinance Institutions

Commercial Banks

There are glaring inter-regional disparities in distances of residential structures to commercial banking facilities. While most commercial banks are located beyond five kilometres from residential structures throughout the country, in Greater Accra, 86 percent of residential structures are located within five kilometres compared to less than 20 percent in Oti (19.0%), North East (16.2%) and Savannah (8.7%) regions (Figure 27).

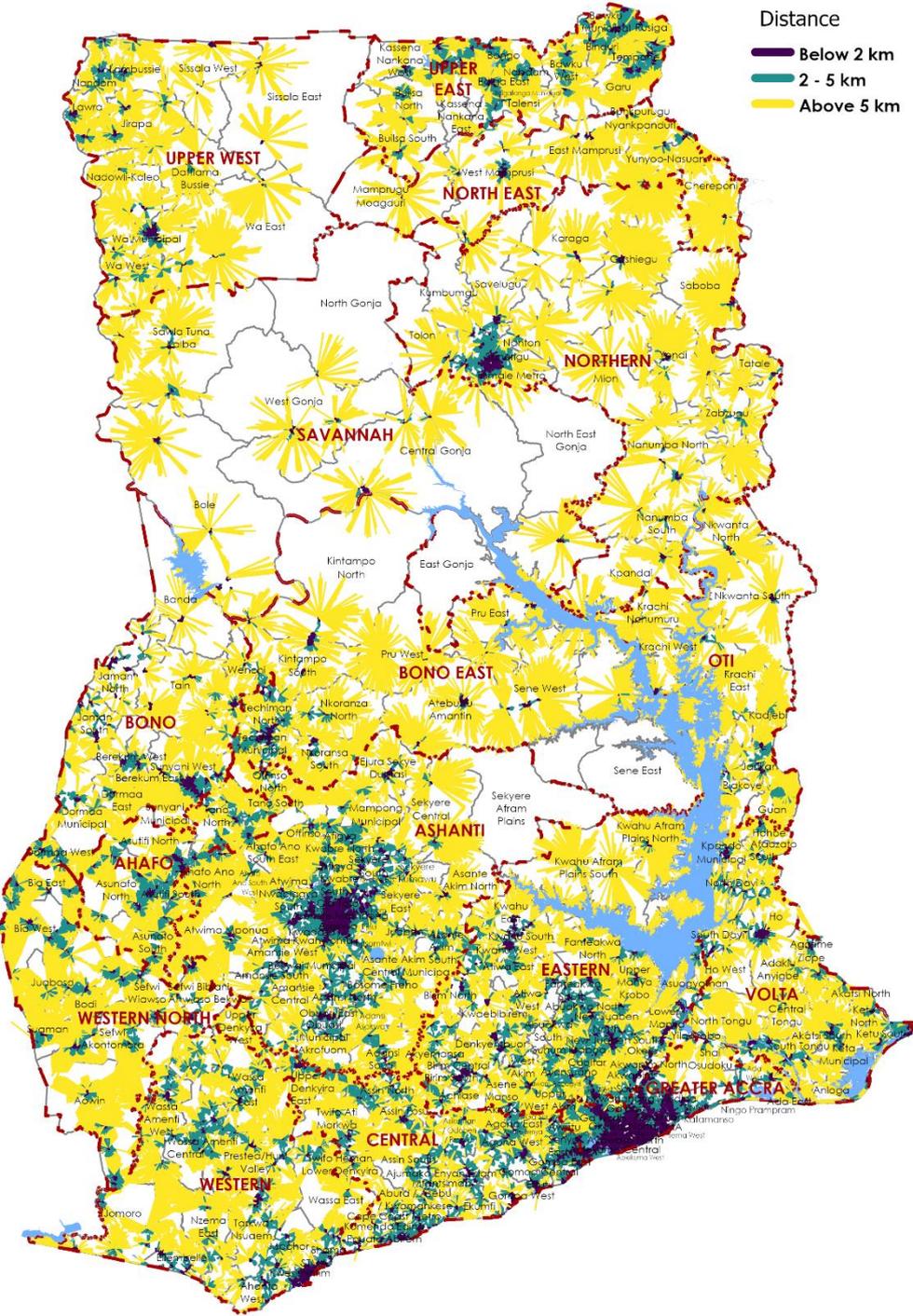
FIGURE 27: PROXIMITY OF RESIDENTIAL STRUCTURES TO COMMERCIAL BANKING INSTITUTIONS BY REGION



Nationally, only 37 districts have all residential structures located within five kilometres of a commercial banking facility (see Appendix 3).

In most regional capitals, residential structures are less than five kilometres away from commercial banking facilities.

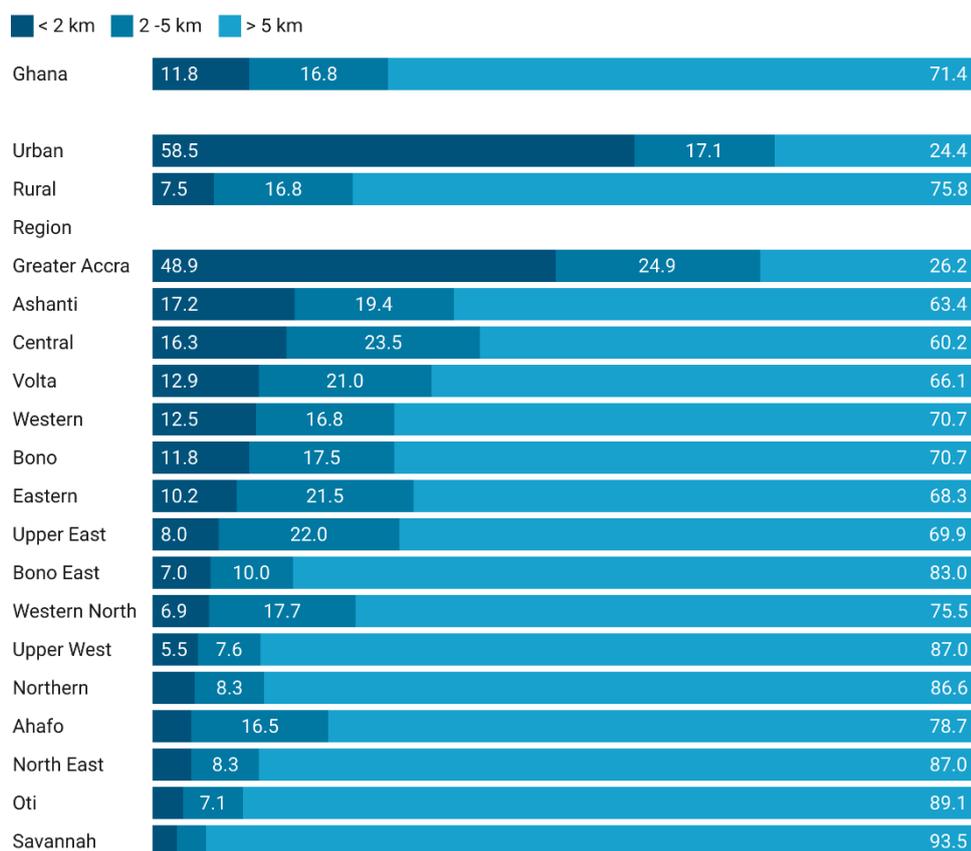
FIGURE 28: PROXIMITY OF RESIDENTIAL STRUCTURES TO COMMERCIAL BANKING FACILITIES



Microfinance Institutions

Apart from Greater Accra (80%), all regions have less than half of their residential structures within five kilometres of a microfinance institution. Four regions (Savannah, Oti, Northern and Upper West) have more than 80 percent of their residential structures located beyond five kilometres of a microfinance institution (Figure 29).

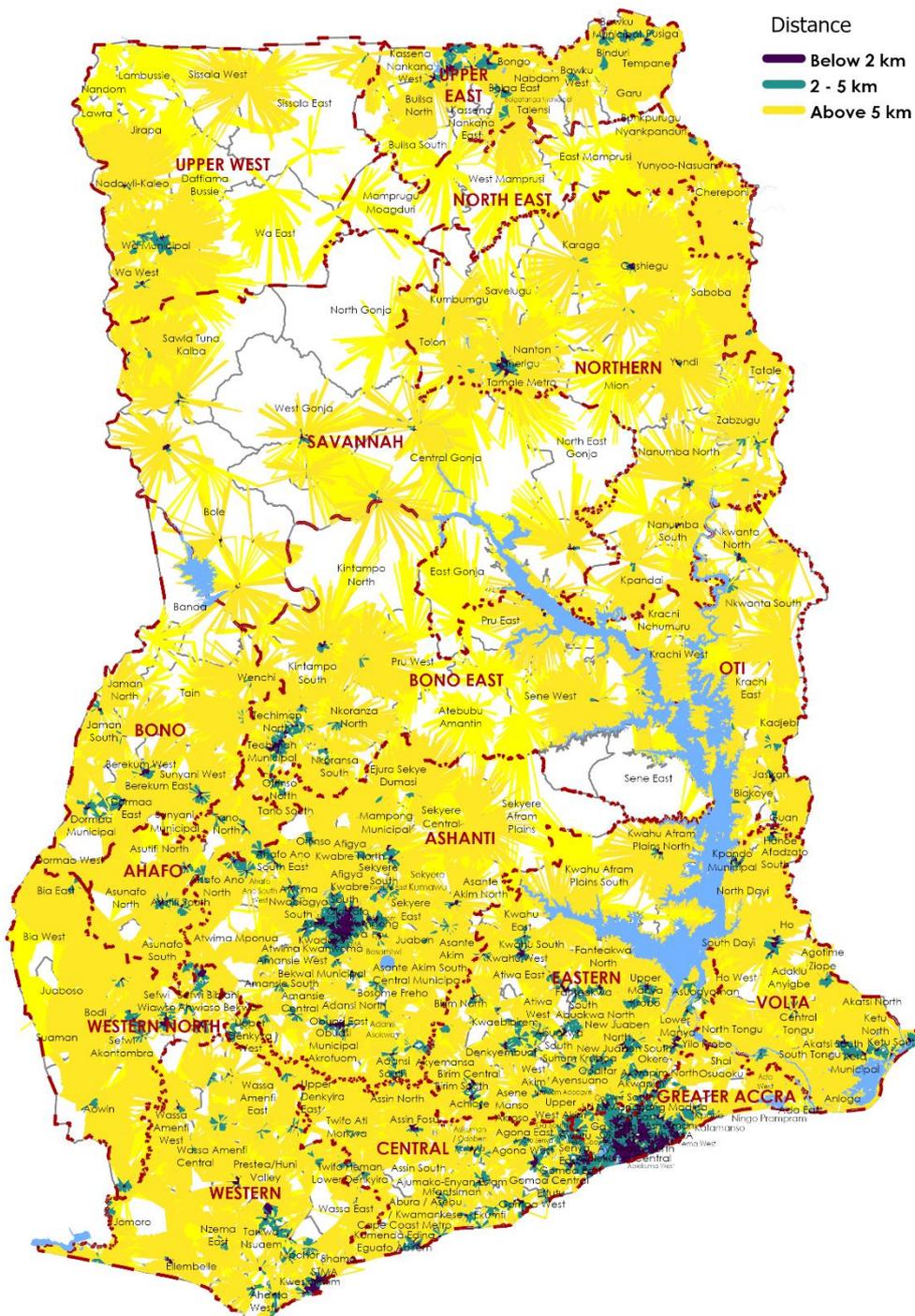
FIGURE 29: PROXIMITY OF RESIDENTIAL STRUCTURES TO MICROFINANCE INSTITUTIONS BY REGION



Thirty-three districts have all their residential structures within five kilometres of a microfinance institution. However, 41 districts have all their residential structures located beyond five kilometres of a microfinance institution (see Appendix 3).

The concentration of microfinance institutions located within five kilometres of residential structures are mainly in the southern part of the country. In almost all the regional capitals, microfinance institutions are located within five kilometres of residential structures.

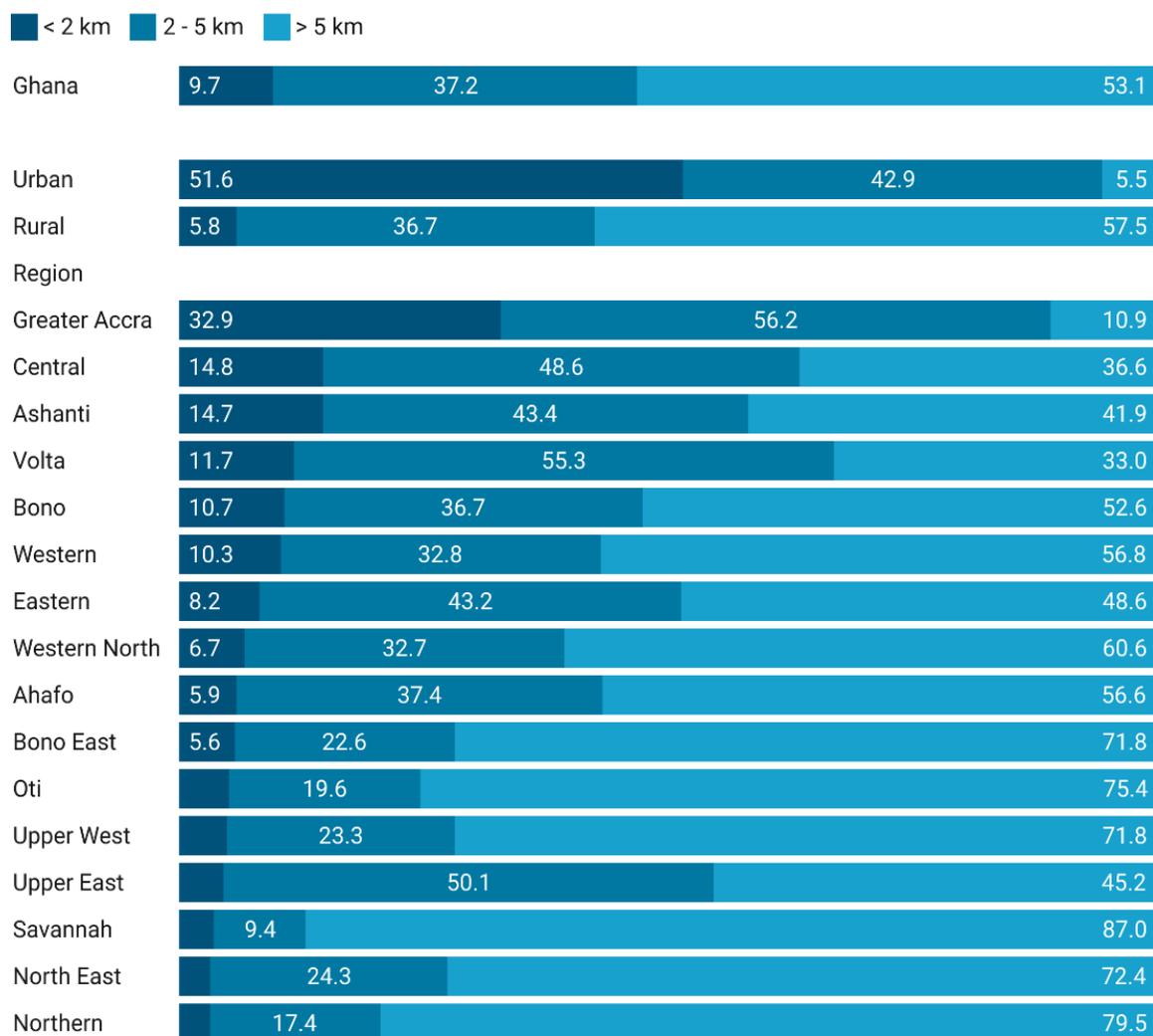
FIGURE 30: PROXIMITY OF RESIDENTIAL STRUCTURES TO MICROFINANCE INSTITUTIONS



3.4.4. Police Stations

Ten out of the 16 administrative regions have less than 50 percent of residential structures within five kilometres of a police station. Greater Accra Region has the highest (89.1%) of residential structures within five kilometres, and Savannah Region (13.0%) the lowest (Figure 31).

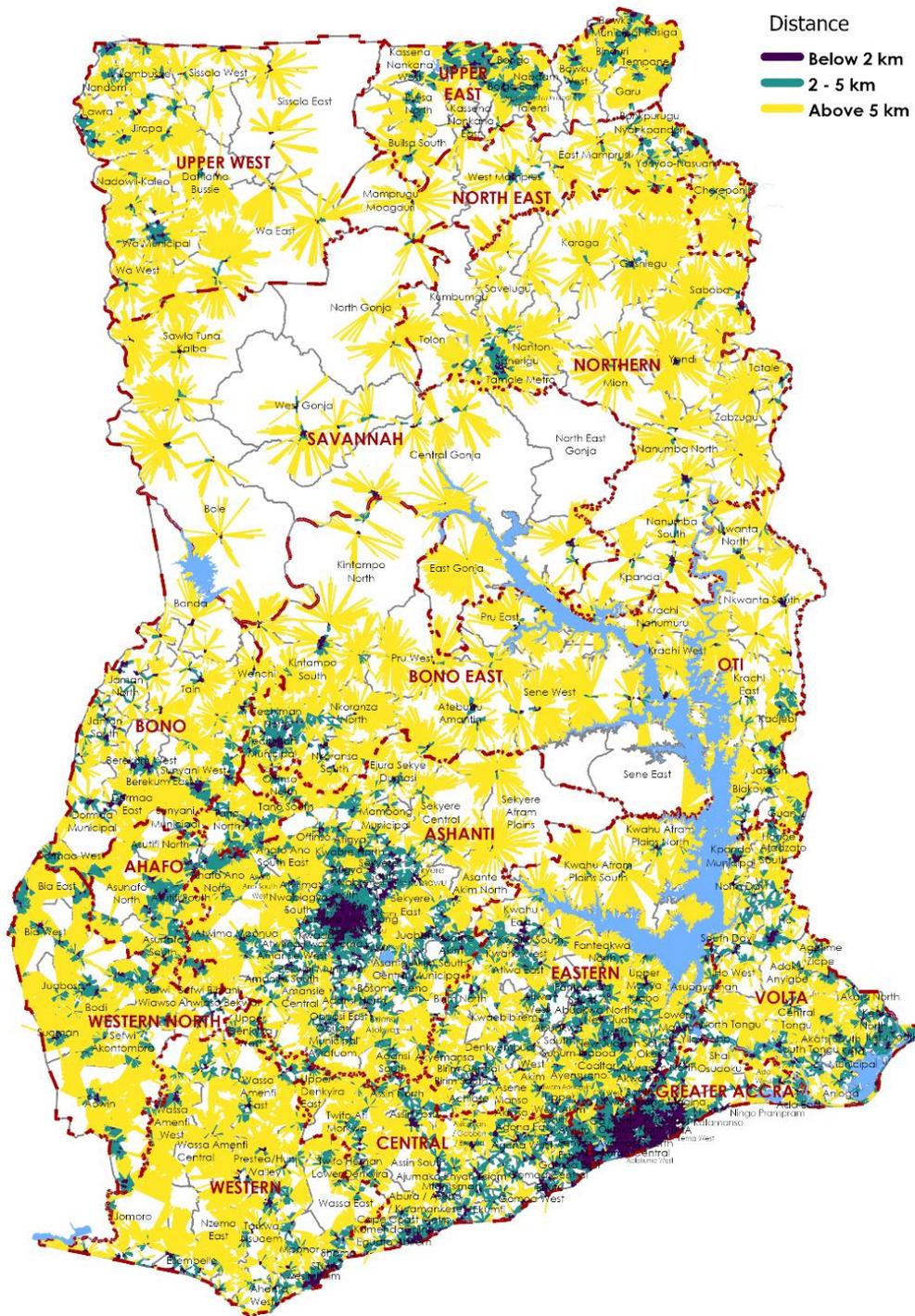
FIGURE 31: PROXIMITY TO A POLICE STATION BY REGION



Thirty-five districts have all their residential structures within five kilometres of a police station. North East Gonja has all its residential structures beyond five kilometres of a police station while Karaga, Mamprugu Moagduri, Mion, Yendi, Zabzugu, Kwahu Afram Plains North, Gushiegu, Kwahu Afram Plains South, and Sawla Tuna Kalba have 90 percent or more of their residential structures beyond five kilometres of a police station (see Appendix 5.3).

The concentration of police stations located within five kilometres of residential structures are mainly in the southern part of the country and also in Upper East Region (Figure 32).

FIGURE 32: PROXIMITY OF RESIDENTIAL STRUCTURES TO POLICE STATIONS



3.5. Underserved Residential Structures

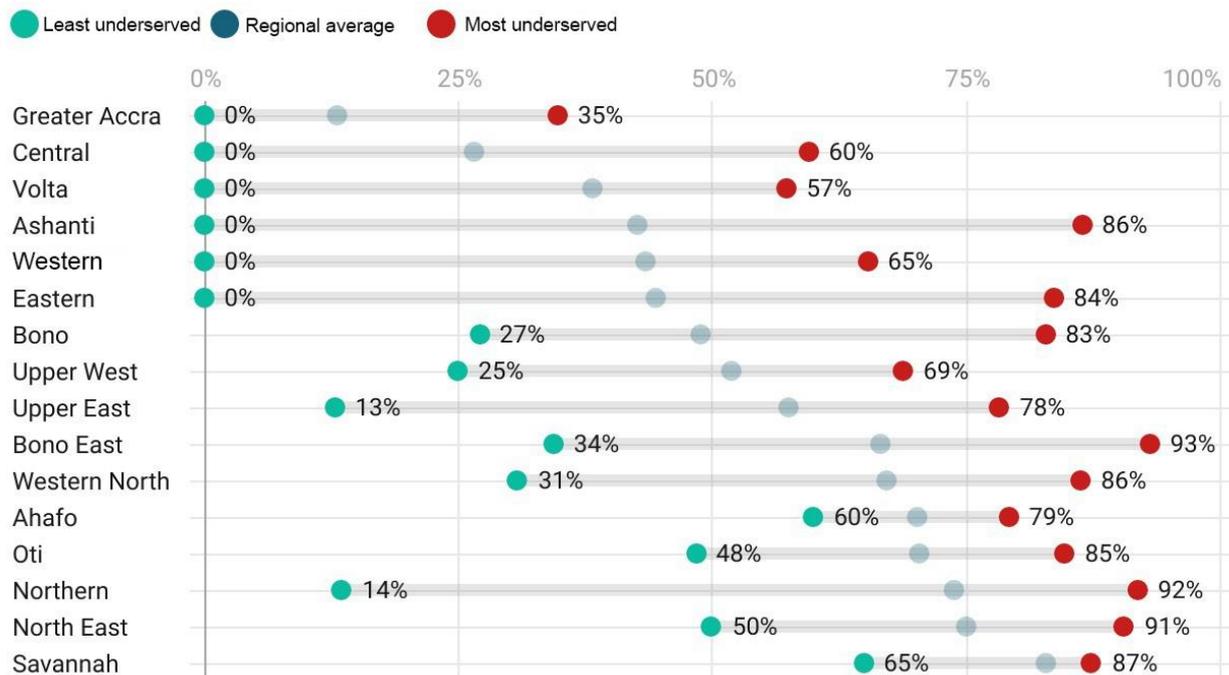
3.5.1. Basic Educational Facilities

Pre-Primary Schools

A little over half (51.2%) of residential structures are located beyond one kilometre standard (underserved) of a pre-primary level educational facility with 56 percent in rural and two percent in urban areas

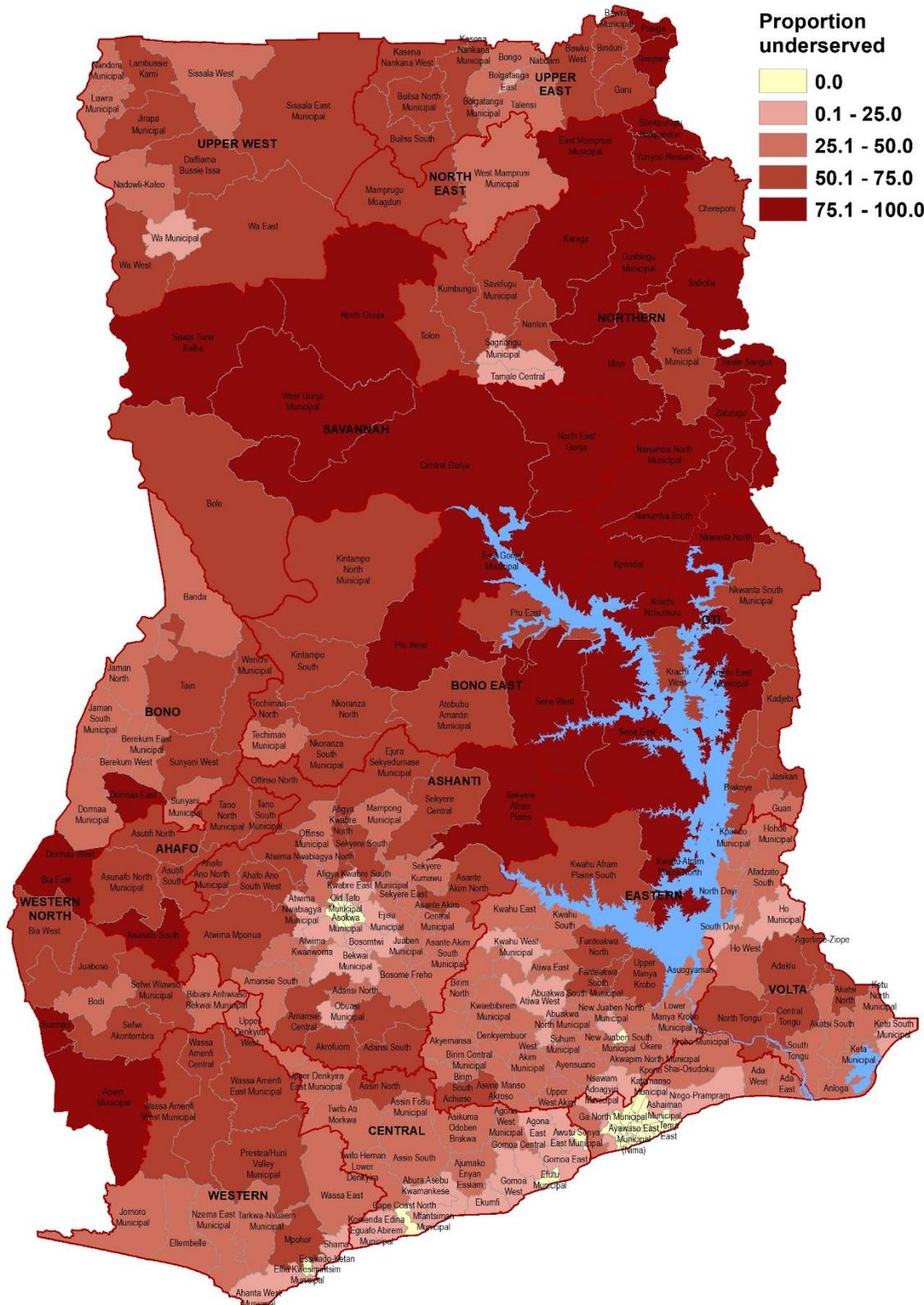
The proportion of underserved residential structures varies significantly across the regions with the highest in Savannah (82.9%), and the lowest in Greater Accra (13.2%). Within the regions, there are striking district disparities, which are most pronounced in Ashanti Region where the least underserved district has none of their residential structures beyond one kilometre of a pre-primary level educational facility but the most underserved district has 86 percent of residential structures beyond. In contrast, the disparities are lowest in Savannah Region (ranging from 65% to 87%) [Figure 33].

FIGURE 33: RESIDENTIAL STRUCTURES UNDERSERVED WITH PRE-PRIMARY EDUCATIONAL FACILITIES BY REGION



The most underserved districts are found mainly along the Volta Lake and parts of Northern, Savannah, North East, Western North and Oti regions (Figure 34).

FIGURE 34: RESIDENTIAL STRUCTURES UNDERSERVED BY PRE-PRIMARY SCHOOLS



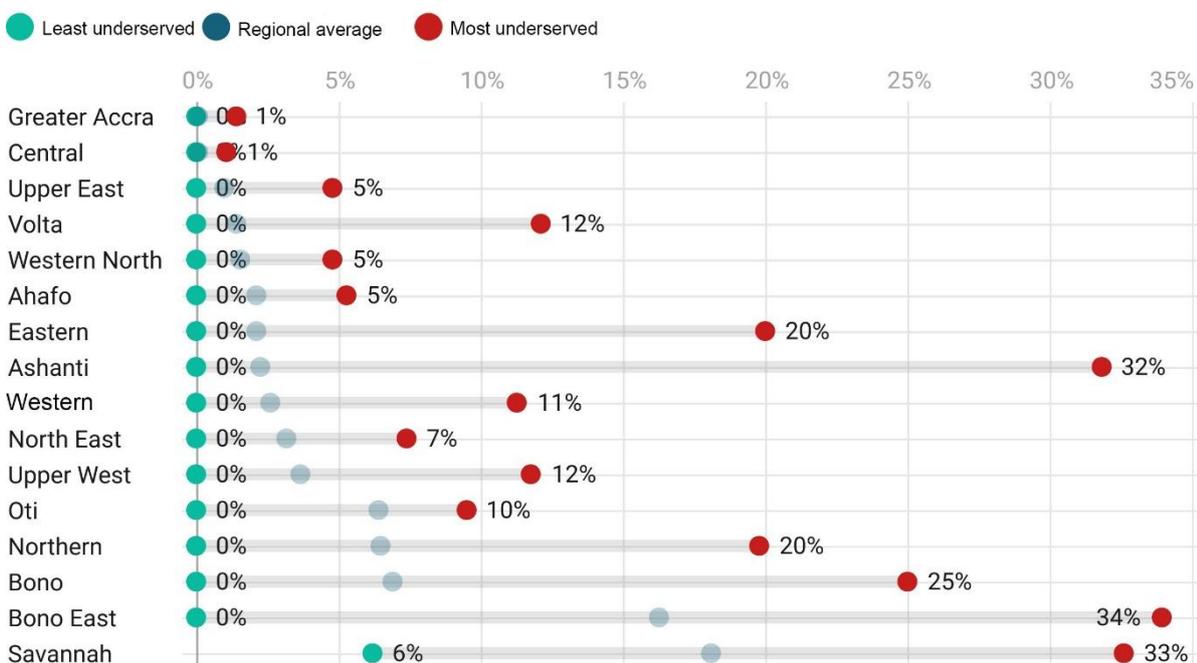
Primary Schools

About four percent of residential structures are beyond three kilometres of a primary level educational facility (underserved). All underserved residential structures are found in the rural (4.1%) areas.

The most underserved region is Savannah (18%) with Greater Accra (0.1%) and Central (0.1%) regions being the least underserved. All regions but Savannah Region have at least one district that is not underserved. The least underserved district in Savannah Region has six percent of its residential structures beyond three kilometres of a primary level educational facility.

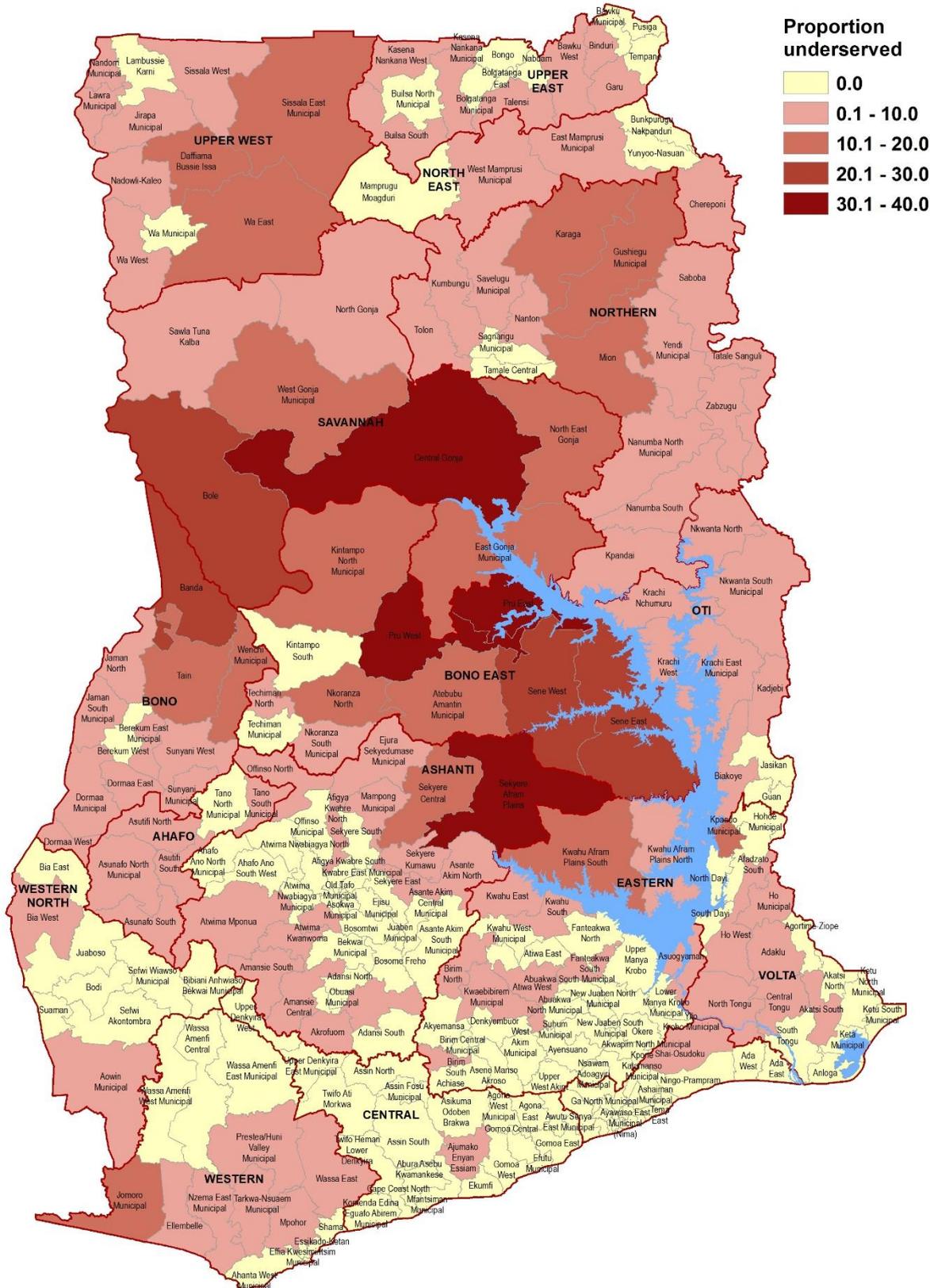
The highest intra-regional disparity is in Bono East Region (34 percentage points), followed by Ashanti Region (32 percentage points) and Savannah Region (26 percentage points) [Figure 35].

FIGURE 35: RESIDENTIAL STRUCTURES UNDERSERVED WITH PRIMARY EDUCATIONAL FACILITIES BY REGION



One hundred and sixteen (44%) of all districts have some residential structures located beyond three kilometres of a primary level educational facility making them underserved. The most underserved districts are Pru East (34%), Pru West (33%), Central Gonja (33%) and Sekyere Afram Plains (32%) [Figure 36].

FIGURE 36: RESIDENTIAL STRUCTURES UNDERSERVED BY PRIMARY LEVEL EDUCATIONAL FACILITIES

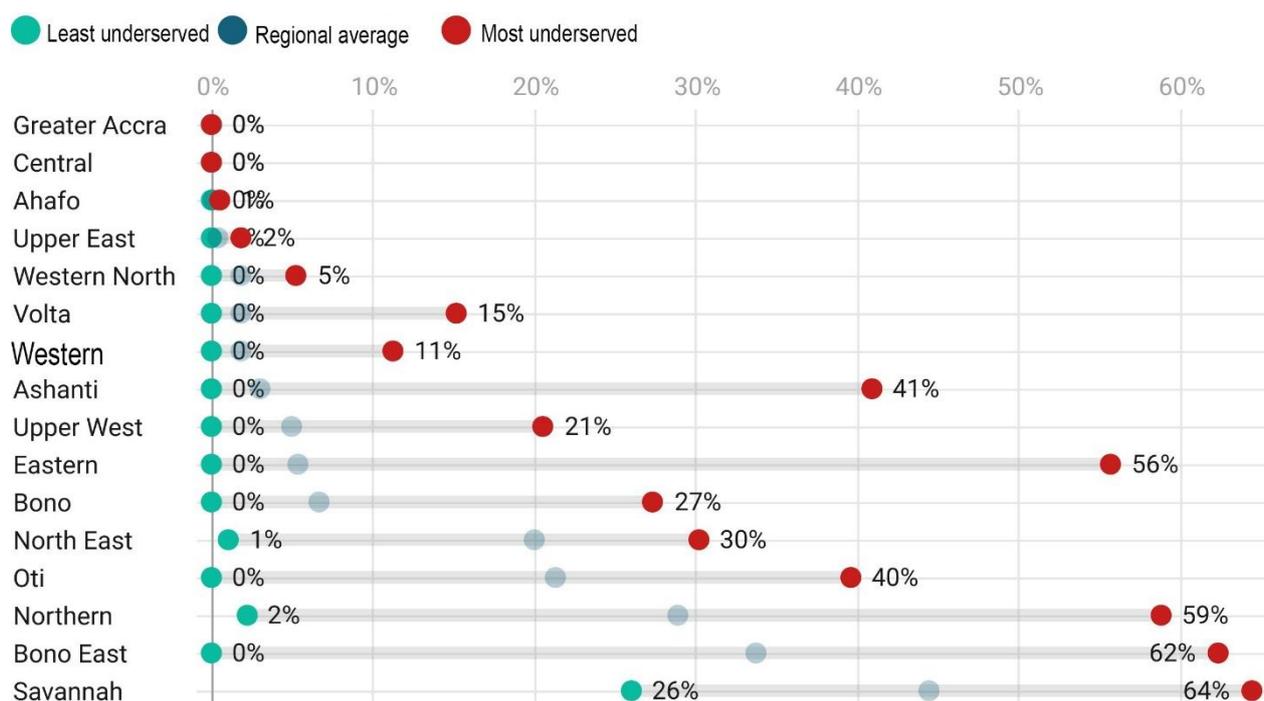


Junior High Schools

Nine percent of residential structures are located beyond five kilometres (underserved) of a junior high school. Underserved residential structures in rural areas (9.8%) are 98 times as high as urban (0.1%).

The regions with the highest proportion of residential structures that are underserved by JHS facilities are Savannah (44.5%), Bono East (33.8%), Northern (28.9%), Oti (21.3%) and North East (20.0%). The largest intra-regional disparities⁵ are observed in Bono East (62%), Northern (57%) and Eastern (56%) regions (Figure 37).

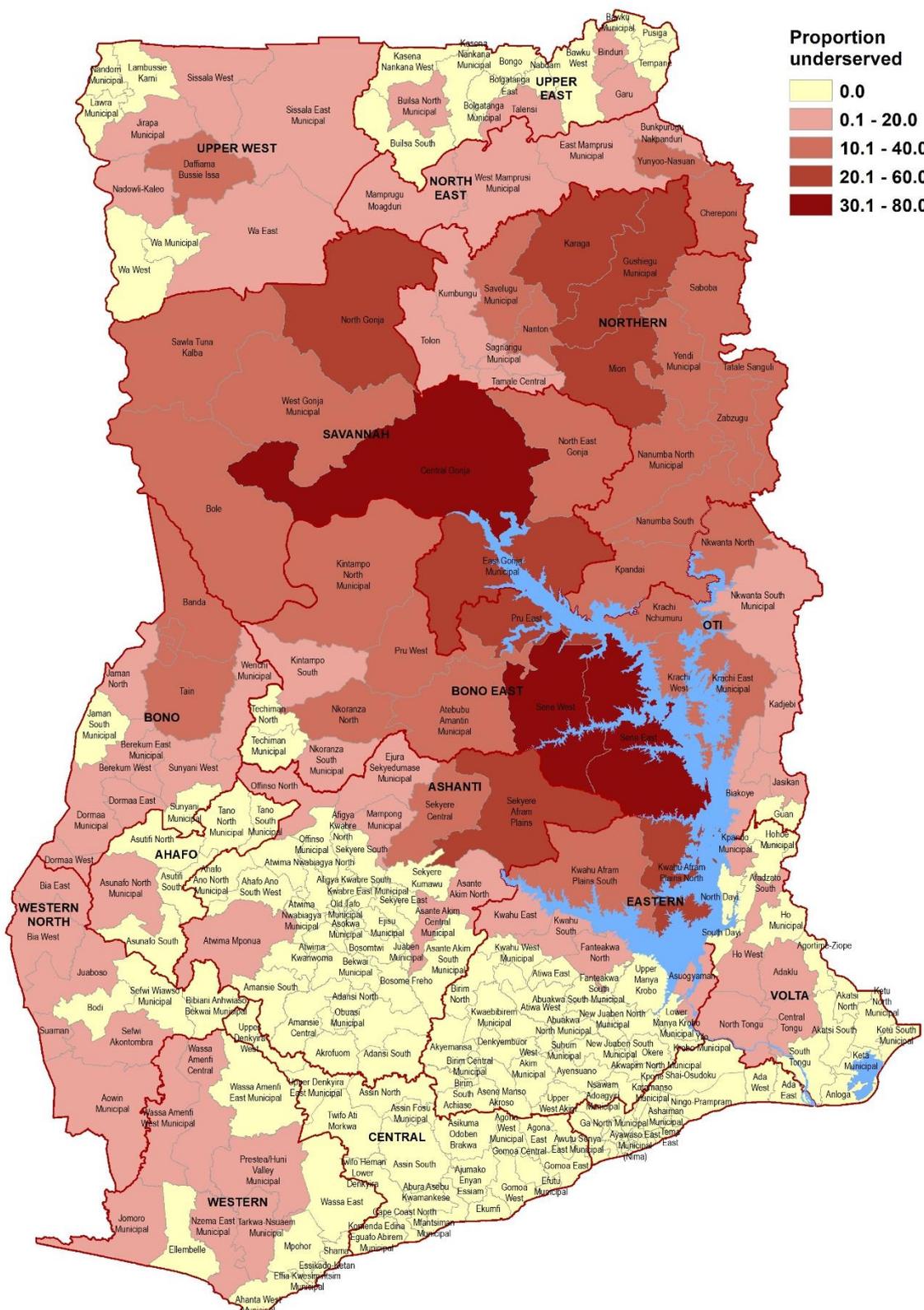
FIGURE 37: UNDERSERVED RESIDENTIAL STRUCTURES WITH JUNIOR HIGH SCHOOL BY REGION



⁵ Disparities are generated by subtracting the lowest from highest district scores in a region.

Eight districts have the highest proportion of residential structures that are underserved, and these are mainly along the Volta Lake and parts of Savannah and Northern regions. The districts are Central Gonja (64%), Sene West (62%), Sene East (62%), Pru East (60%), Gushiegu (59%), North Gonja (56%), Kwahu Afram Plains North (56%) and East Gonja (52%) [Figure 38].

FIGURE 38: RESIDENTIAL STRUCTURES UNDERSERVED BY JUNIOR HIGH SCHOOLS

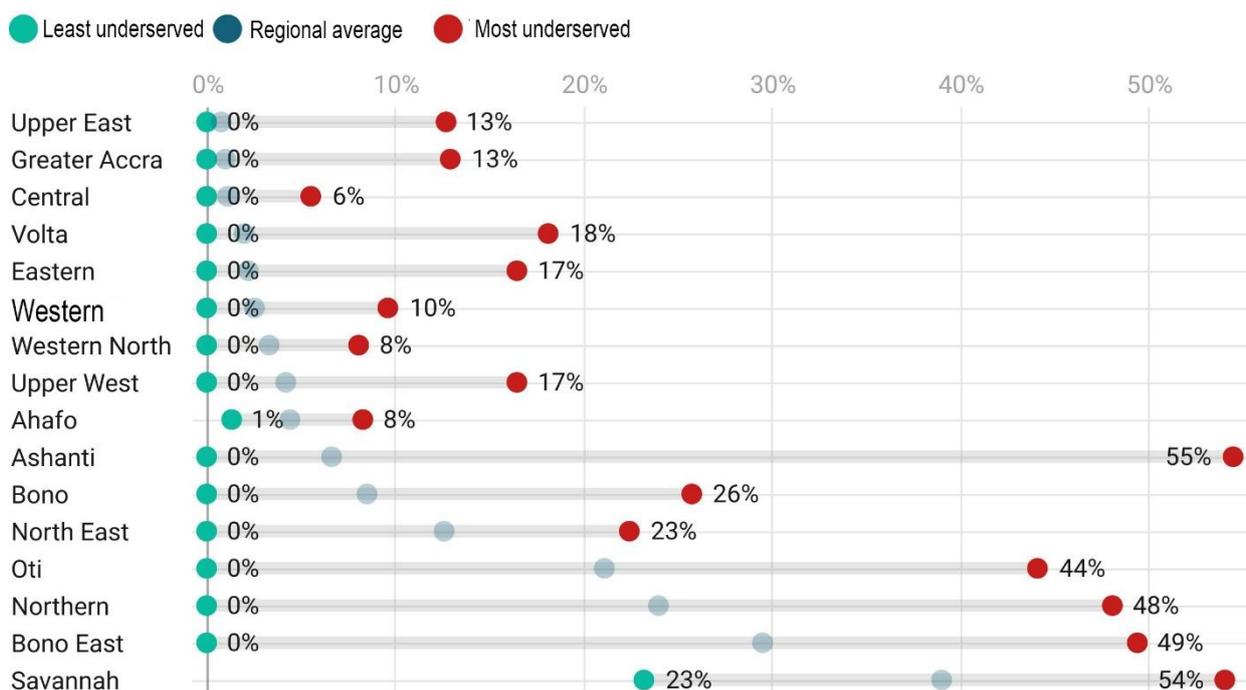


3.5.2. Healthcare Facilities

About nine percent of all residential structures are located beyond five kilometres (underserved) of a basic healthcare facility. Almost all the underserved residential structures are found in rural (9.3%) areas.

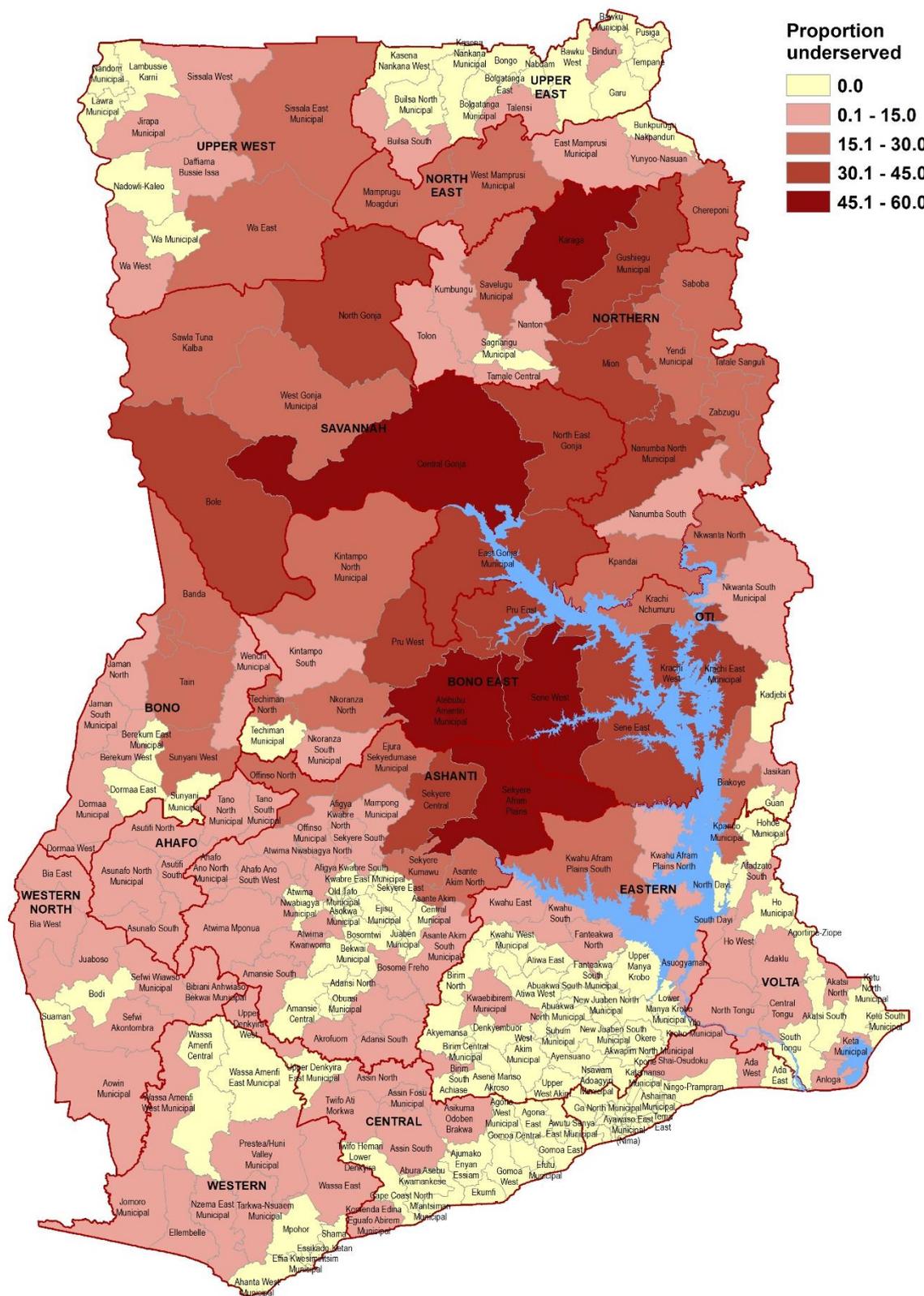
Four regions, namely Savannah (39%), Bono East (30%), Northern (24%) and Oti (21%), have more than 20 percent of their residential structures underserved, and Upper East Region (0.8%) is the least underserved (Figure 39).

FIGURE 39: INTRA REGIONAL UNDERSERVED PRIMARY HEALTHCARE FACILITIES



Half of the districts (130) have none of their residential structures underserved with basic healthcare facilities, while 11 districts have 40 percent or more of their residential structures being underserved: Sekyere Afram Plains (55%), Central Gonja (54%), Sene West (49%), Karaga (48%), Atebubu Amantin (48%), Pru West (44%), Krachi East (44%), Mion (43%), East Gonja (42%), Gushiegu (41%) and Pru East (40%) [Figure 40].

FIGURE 40: UNDERSERVED RESIDENTIAL CLUSTERS OF PRIMARY HEALTHCARE FACILITIES



4. KEY FINDINGS

4.1. Availability

- a. Thirty-five percent of residential clusters within Ghana do not have all levels of basic educational facilities.
- b. In rural residential clusters, 41 percent do not have all levels of the basic educational facilities available in any of their localities compared to seven percent in urban residential clusters.
- c. There are regional disparities in availability of all levels of basic educational facilities, ranging from 85.2% of residential clusters in Central Region to 26.1% in Savannah Region.
- d. Availability of basic educational facilities is highest in districts in the southern part of Ghana, especially in and around the regional capitals, compared to those in the middle and northern belts.
- e. Nearly three in four rural residential clusters compared to one in four in urban clusters do not have any health facility.
- f. Nine in ten rural residential clusters compared to about four in ten in urban do not have a facility providing financial services.
- g. One in 20 rural residential clusters has a police station compared to eight in 20 in urban.

4.2. Index of Concentration

- a. The index of concentration for pre-primary level is higher in urban than rural areas (34 and 28 facilities respectively per 1,000 population aged 4-5 years).
- b. There are no differences in the index of concentration at the primary and JHS levels for urban and rural areas.
- c. There are wide regional disparities at all levels:
 - i. At pre-primary level, Central and Eastern regions (44) have the highest index of concentration, which is 5.0 times that of the Savannah Region (9), the lowest.
 - ii. At primary level, the highest index of concentration is in Ahafo and Western North regions, which is 1.6 times the lowest in Greater Accra, North East and Northern regions.
 - iii. At JHS level, the highest index of concentration is in Central, Ahafo and Western North regions, which is 2.4 times the lowest in Northern Region.
- d. Wide disparities also exist at district levels:
 - i. At pre-primary level, the highest index of concentration is in Awutu Senya East District which is 24.3 times the lowest in Yunyoo Nasuan District.
 - ii. At primary level, the index of concentration is highest in Ahafo and Western North regions, which is 1.6 times that of Northern and North East regions, the lowest.

- iii. At JHS level, the index of concentration is highest in Ahafo and Central regions, which is 2.2 times the lowest in Northern and North East regions.
- e. There are eight healthcare facilities (of any type) per 10,000 population nationwide.
- f. There is virtually no difference in the index of concentration of healthcare facilities in rural (9 per 10,000 population) and urban (8 per 10,000 population) areas.
- g. Ten regions have more CHPS compounds per 10,000 population than hospitals, and three of them (Western North, North East, Upper East) have more than twice as many CHPS compounds as hospitals.
- h. There are three commercial banks (all types) per 10,000 population aged 15 years and older countrywide, with the highest index of concentration in Ahafo Region (6 per 10,000 population aged 15 years and older) and the least in Oti Region (2 per 10,000 population aged 15 years and older).
- i. The index of concentration of police stations is highest in Ahafo Region (19 per 100,000 population) and lowest in Northern Region (5 per 100,000 population).

4.3. Proximity to Essential Service Facilities

- a. Almost all urban residential structures, compared to less than half in rural areas, are located within the standard 1.0 km of a pre-primary educational facility.
- b. Nine in ten residential structures in Greater Accra Region are within the standard 1.0 km of a pre-primary educational facility, while it is two in ten in Savannah Region.
- c. In 33 districts, all their residential structures are within the standard 1.0 km of a pre-primary educational facility compared to less than 10 percent in Sene East, Mion and Yunyoo Nasuan districts.
- d. Overall, almost all residential structures (96.3%) are within the standard 3.0 km of a primary educational facility.
- e. In 145 of the 261 districts, all residential structures are within the standard 3.0 km of a primary educational facility, and Pru East District has the lowest proportion of two-thirds of residential structures within the standard distance of a primary educational facility.
- f. Four regions (Central, Greater Accra, Ahafo and Upper East) have all residential structures within the standard 5.0 km of a JHS facility, with the lowest percentage in the Savannah Region (55.5%).
- g. Nine regions have more than 95 percent of all their residential structures located within 5.0 km of a health facility, and the lowest is the Savannah Region (60.9%).
- h. Most commercial banks are located beyond 5.0 km from residential structures throughout the country (57%), ranging from 14 percent in Greater Accra Region to 91 percent in Savannah Region.
- i. Ten regions have less than 50 percent of their residential structures within 5.0 km of a police station. Greater Accra Region (89.1%) has the highest of residential structures within 5 km of a police station, and the lowest is Savannah Region (13.0%).

4.4. Underserved

- a. Half of residential structures in the country are located outside the standard 1.0 km of a pre-primary educational facility; Greater Accra Region is the least underserved and Savannah Region, the most underserved.
- b. Disparities in the distribution of pre-primary educational facilities within regions are most striking in Ashanti Region where some districts do not have any underserved residential structures while other districts have as high as 86 percent of underserved residential structures.
- c. One hundred and twenty-three districts are underserved with primary level educational facilities, with Pru East (34%) being the most underserved district.
- d. With JHS educational facilities, five regions (Savannah, Bono East, Northern, Oti and North East), are the most underserved regions, with at least 20 percent of their residential structures underserved.
- e. About one in ten of all residential structures are located beyond the standard 5.0 km of a basic healthcare facility.
- f. Savannah, Bono East, Northern and Oti regions are the most underserved with a basic health facility (more than 20 percent of their residential structures), and Upper East Region (0.8%) is the least underserved.
- g. Ashanti Region has the most pronounced underserved inter-district disparities in basic healthcare facilities; some of its districts do not have any underserved residential structures while other districts have as high as 55 percent of underserved residential structures.

5. APPENDICES

5.1. Availability

District	Pre-primary	Primary	JHS	All levels	Any Healthcare Facility	Hospitals	Clinics/ Health Centres	CHPS	Any Financial Institution	Commercial Banks	Microfinance Institutions	Police Station
WESTERN												
Jomoro	72.7	97.7	86.4	65.9	77.3	9.1	36.4	40.9	15.9	11.4	9.1	15.9
Ellembelle	93.0	97.7	86.0	83.7	72.1	7.0	44.2	39.5	32.6	27.9	7.0	16.3
Nzema East	80.5	95.1	75.6	68.3	53.7	4.9	22.0	31.7	19.5	12.2	9.8	2.4
Ahanta West	84.9	92.5	81.1	69.8	64.2	9.4	35.8	39.6	28.3	20.8	18.9	11.3
Effia Kwesimintsim	94.7	89.5	84.2	84.2	89.5	47.4	73.7	47.4	68.4	47.4	47.4	21.1
STMA	91.1	84.4	75.6	75.6	64.4	22.2	44.4	24.4	46.7	35.6	24.4	17.8
Shama	100.0	96.6	93.1	93.1	69.0	13.8	27.6	51.7	27.6	24.1	10.3	17.2
Wassa East	87.8	97.6	82.9	75.6	61.0	4.9	34.1	34.1	26.8	12.2	19.5	14.6
Mpohor	83.3	94.4	88.9	77.8	88.9	0.0	44.4	55.6	38.9	27.8	22.2	16.7
Tarkwa-Nsuaem	81.8	92.7	80.0	67.3	67.3	20.0	40.0	23.6	30.9	14.5	25.5	16.4
Prestea/Huni Valley	76.1	94.0	79.1	65.7	49.3	4.5	28.4	26.9	16.4	14.9	9.0	10.4
Wassa Amenfi East	63.5	97.3	78.4	54.1	63.5	6.8	23.0	47.3	17.6	9.5	9.5	9.5
Wassa Amenfi Central	62.1	94.8	75.9	48.3	58.6	6.9	31.0	31.0	31.0	25.9	8.6	13.8
Wassa Amenfi West	82.2	97.8	75.6	64.4	75.6	11.1	42.2	62.2	20.0	15.6	8.9	11.1
CENTRAL												
Komenda Edina Eguafu Abirem	93.0	94.7	93.0	87.7	47.4	8.8	17.5	22.8	15.8	10.5	7.0	8.8
CCM	89.3	82.1	69.6	69.6	55.4	16.1	32.1	23.2	30.4	21.4	17.9	14.3
Abura Asebu Kwamankese	97.6	100.0	97.6	95.1	73.2	9.8	14.6	58.5	14.6	12.2	7.3	14.6
Mfantsiman	93.8	96.9	90.6	84.4	71.9	6.3	56.3	31.3	28.1	18.8	18.8	31.3
Ekumfi	95.7	100.0	95.7	91.3	69.6	0.0	17.4	56.5	17.4	13.0	8.7	13.0
Gomoa West	94.9	100.0	94.9	92.3	71.8	5.1	30.8	53.8	23.1	15.4	15.4	17.9
Effutu	100.0	100.0	100.0	100.0	100.0	37.5	25.0	75.0	37.5	37.5	25.0	37.5
Gomoa Central	90.0	93.3	93.3	83.3	53.3	3.3	23.3	30.0	6.7	6.7	0.0	10.0
Gomoa East	100.0	100.0	89.3	89.3	71.4	17.9	42.9	35.7	35.7	21.4	21.4	35.7
Awutu Senya East	94.4	96.3	92.6	90.7	46.3	3.7	40.7	7.4	46.3	25.9	35.2	16.7
Awutu Senya	87.5	92.5	85.0	75.0	60.0	7.5	27.5	35.0	27.5	20.0	12.5	15.0
Agona East	100.0	100.0	92.0	92.0	84.0	12.0	36.0	48.0	32.0	8.0	28.0	16.0
Agona West	94.1	100.0	100.0	94.1	76.5	11.8	41.2	47.1	23.5	17.6	17.6	23.5

District	Pre-primary	Primary	JHS	All levels	Any Healthcare Facility	Hospitals	Clinics/ Health Centres	CHPS	Any Financial Institution	Commercial Banks	Microfinance Institutions	Police Station
Asikuma Odoben Brakwa	88.2	100.0	97.1	85.3	76.5	2.9	17.6	64.7	29.4	20.6	14.7	11.8
Ajumako Enyan Essiam	93.0	100.0	97.7	90.7	62.8	2.3	30.2	32.6	23.3	14.0	11.6	11.6
Assin South	88.9	97.8	95.6	88.9	60.0	2.2	22.2	42.2	20.0	17.8	4.4	15.6
Twifo Heman Lower Denkyira	82.1	96.4	92.9	78.6	60.7	3.6	39.3	28.6	14.3	7.1	10.7	10.7
Twifo Ati Morkwa	82.5	100.0	97.5	80.0	55.0	5.0	12.5	40.0	15.0	12.5	7.5	10.0
Assin Fosu	81.3	87.5	87.5	81.3	68.8	6.3	31.3	37.5	25.0	18.8	12.5	25.0
Assin North	87.5	100.0	96.9	87.5	68.8	3.1	21.9	50.0	18.8	15.6	6.3	15.6
Upper Denkyira East	93.9	100.0	97.0	90.9	87.9	6.1	30.3	72.7	18.2	18.2	3.0	6.1
Upper Denkyira West	77.8	100.0	77.8	66.7	61.1	2.8	27.8	38.9	22.2	8.3	16.7	16.7
GREATER ACCRA												
Ga South	88.3	95.0	80.0	71.7	50.0	13.3	36.7	23.3	36.7	20.0	25.0	16.7
Weija Gbawe	100.0	100.0	100.0	100.0	84.6	53.8	69.2	23.1	53.8	38.5	38.5	30.8
Ga Central	95.0	100.0	95.0	95.0	80.0	40.0	70.0	5.0	50.0	35.0	35.0	20.0
Ablekuma North	100.0	100.0	100.0	100.0	100.0	83.3	100.0	0.0	83.3	83.3	66.7	50.0
Ablekuma West	93.3	93.3	86.7	86.7	73.3	33.3	53.3	0.0	60.0	33.3	46.7	26.7
Ablekuma Central	90.0	90.0	90.0	90.0	90.0	50.0	90.0	0.0	90.0	50.0	70.0	20.0
AMA	90.0	90.0	85.0	85.0	80.0	45.0	65.0	0.0	85.0	70.0	65.0	45.0
Korle Klottey	90.0	90.0	70.0	70.0	90.0	60.0	90.0	20.0	100.0	100.0	80.0	50.0
Ayawaso Central	100.0	100.0	100.0	100.0	83.3	66.7	83.3	0.0	100.0	83.3	83.3	16.7
Ayawaso East	100.0	100.0	100.0	100.0	100.0	50.0	100.0	0.0	100.0	100.0	100.0	50.0
Ayawaso North	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	50.0
La Dade-Kotopon	100.0	100.0	100.0	100.0	100.0	77.8	88.9	22.2	88.9	88.9	55.6	44.4
Ledzokuku	100.0	100.0	100.0	100.0	88.9	44.4	77.8	33.3	77.8	77.8	55.6	44.4
Krowor	100.0	88.9	88.9	88.9	77.8	33.3	77.8	11.1	88.9	77.8	44.4	33.3
Adentan	95.8	87.5	87.5	87.5	83.3	45.8	83.3	12.5	66.7	54.2	33.3	45.8
Ayawaso West	90.9	81.8	72.7	72.7	100.0	90.9	100.0	0.0	100.0	100.0	90.9	36.4
Okaikoi North	88.9	94.4	94.4	88.9	83.3	27.8	72.2	16.7	72.2	66.7	38.9	27.8
Ga North	100.0	100.0	93.8	93.8	87.5	56.3	81.3	6.3	62.5	37.5	50.0	43.8
Ga West	94.5	90.9	85.5	81.8	49.1	18.2	36.4	7.3	40.0	20.0	27.3	10.9
Ga East	97.1	88.2	82.4	79.4	55.9	29.4	50.0	2.9	52.9	41.2	38.2	23.5
La Nkwantanang Madina	95.2	95.2	95.2	95.2	61.9	42.9	47.6	9.5	52.4	38.1	42.9	33.3
Kpone Katamanso	100.0	100.0	100.0	100.0	81.0	57.1	57.1	9.5	61.9	61.9	33.3	42.9
Ashaiman	85.3	85.3	82.4	82.4	67.6	32.4	55.9	2.9	50.0	38.2	29.4	14.7

District	Pre-primary	Primary	JHS	All levels	Any Healthcare Facility	Hospitals	Clinics/ Health Centres	CHPS	Any Financial Institution	Commercial Banks	Microfinance Institutions	Police Station
Tema West	100.0	100.0	100.0	100.0	100.0	85.7	100.0	42.9	100.0	71.4	85.7	71.4
TMA	90.9	90.9	90.9	90.9	90.9	90.9	81.8	18.2	90.9	63.6	81.8	72.7
Ningo-Prampram	100.0	87.9	81.8	81.8	60.6	15.2	48.5	24.2	45.5	39.4	15.2	39.4
Shai-Osudoku	91.7	97.2	83.3	75.0	66.7	11.1	41.7	25.0	22.2	16.7	11.1	19.4
Ada West	84.6	96.2	96.2	84.6	42.3	0.0	23.1	19.2	30.8	19.2	19.2	7.7
Ada East	82.8	93.1	82.8	72.4	41.4	3.4	13.8	27.6	6.9	6.9	0.0	10.3
VOLTA												
South Tongu	81.0	97.6	83.3	76.2	50.0	4.8	33.3	33.3	14.3	9.5	7.1	14.3
Anloga	75.0	100.0	91.7	75.0	45.8	0.0	41.7	20.8	12.5	4.2	12.5	16.7
Keta	84.2	100.0	94.7	78.9	68.4	10.5	52.6	15.8	21.1	15.8	10.5	31.6
Ketu South	74.0	79.2	66.2	61.0	51.9	6.5	36.4	19.5	16.9	10.4	10.4	7.8
Ketu North	78.4	91.9	91.9	73.0	62.2	8.1	29.7	32.4	13.5	2.7	13.5	18.9
Akatsi North	92.3	100.0	100.0	92.3	53.8	0.0	23.1	38.5	15.4	7.7	7.7	23.1
Akatsi South	81.3	100.0	93.8	81.3	62.5	3.1	31.3	43.8	15.6	6.3	12.5	9.4
Central Tongu	72.2	97.2	88.9	63.9	55.6	2.8	33.3	30.6	8.3	5.6	5.6	8.3
North Tongu	70.3	89.2	81.1	67.6	62.2	5.4	27.0	32.4	21.6	16.2	8.1	21.6
Ho West	92.7	100.0	92.7	90.2	58.5	4.9	41.5	26.8	9.8	7.3	4.9	14.6
Adaklu	90.0	100.0	95.0	85.0	75.0	0.0	50.0	50.0	15.0	5.0	10.0	20.0
Agortime-Ziope	86.7	100.0	93.3	80.0	86.7	0.0	33.3	73.3	33.3	26.7	13.3	13.3
Ho	87.5	87.5	87.5	81.3	65.6	12.5	43.8	28.1	18.8	9.4	12.5	15.6
South Dayi	85.7	95.2	90.5	76.2	66.7	4.8	42.9	23.8	33.3	23.8	14.3	19.0
Afadzato South	89.7	100.0	93.1	82.8	72.4	0.0	55.2	37.9	13.8	10.3	3.4	13.8
North Dayi	89.5	94.7	100.0	89.5	78.9	21.1	36.8	47.4	31.6	21.1	10.5	10.5
Kpando	93.3	93.3	93.3	86.7	80.0	6.7	73.3	20.0	26.7	20.0	20.0	13.3
Hohoe	84.6	89.7	79.5	71.8	64.1	12.8	53.8	10.3	23.1	12.8	20.5	10.3
EASTERN												
Birim South	100.0	100.0	100.0	100.0	80.0	0.0	20.0	70.0	30.0	30.0	10.0	30.0
Birim Central	83.3	100.0	100.0	83.3	83.3	16.7	50.0	66.7	33.3	33.3	16.7	16.7
Achiase	93.3	100.0	100.0	93.3	86.7	0.0	40.0	80.0	33.3	26.7	13.3	33.3
Asene Manso Akroso	95.0	100.0	100.0	95.0	95.0	5.0	50.0	55.0	30.0	25.0	15.0	15.0
West Akim	79.3	93.1	69.0	62.1	48.3	3.4	31.0	31.0	17.2	10.3	10.3	6.9
Upper West Akim	75.8	100.0	75.8	63.6	57.6	0.0	36.4	30.3	12.1	6.1	9.1	15.2

District	Pre-primary	Primary	JHS	All levels	Any Healthcare Facility	Hospitals	Clinics/ Health Centres	CHPS	Any Financial Institution	Commercial Banks	Microfinance Institutions	Police Station
Ayensuano	85.0	97.5	95.0	82.5	67.5	5.0	32.5	40.0	20.0	15.0	7.5	7.5
Nsawam Adoagyiri	85.7	91.4	77.1	71.4	51.4	17.1	25.7	25.7	14.3	11.4	8.6	2.9
Akwapim South	95.5	86.4	90.9	86.4	68.2	9.1	45.5	54.5	31.8	9.1	27.3	27.3
Akwapim North	93.5	96.8	87.1	83.9	61.3	12.9	48.4	25.8	25.8	19.4	16.1	22.6
Okere	100.0	100.0	100.0	100.0	65.0	0.0	30.0	40.0	5.0	5.0	0.0	25.0
New Juaben South	100.0	88.0	76.0	72.0	76.0	32.0	68.0	32.0	56.0	52.0	28.0	12.0
New Juaben North	91.7	91.7	83.3	83.3	75.0	8.3	50.0	58.3	41.7	33.3	33.3	33.3
Suhum	87.5	96.9	93.8	81.3	81.3	6.3	40.6	53.1	15.6	9.4	9.4	9.4
Abuakwa North	83.3	91.7	91.7	83.3	91.7	33.3	41.7	58.3	41.7	33.3	33.3	41.7
Abuakwa South	80.8	92.3	92.3	80.8	57.7	7.7	26.9	34.6	19.2	7.7	15.4	15.4
Denkyembuor	95.8	100.0	100.0	95.8	79.2	8.3	20.8	58.3	33.3	12.5	20.8	16.7
Akyemansa	90.6	100.0	96.9	90.6	71.9	3.1	37.5	46.9	18.8	15.6	3.1	9.4
Kwaebibirem	93.2	97.7	90.9	88.6	72.7	4.5	31.8	45.5	29.5	20.5	20.5	13.6
Birim North	92.6	100.0	92.6	92.6	77.8	14.8	48.1	33.3	29.6	25.9	11.1	22.2
Atiwa West	95.2	95.2	90.5	90.5	85.7	0.0	23.8	61.9	9.5	9.5	9.5	23.8
Atiwa East	94.4	100.0	100.0	94.4	88.9	5.6	50.0	61.1	22.2	11.1	16.7	11.1
Fanteakwa South	94.7	100.0	78.9	78.9	57.9	5.3	42.1	36.8	36.8	21.1	21.1	31.6
Yilo Krobo	89.7	92.3	82.1	79.5	66.7	2.6	51.3	25.6	30.8	17.9	15.4	15.4
Lower Manya Krobo	85.0	95.0	85.0	75.0	80.0	20.0	55.0	45.0	35.0	30.0	15.0	30.0
Asuogyaman	86.8	97.4	89.5	78.9	81.6	2.6	50.0	47.4	28.9	21.1	10.5	15.8
Upper Manya Krobo	87.1	100.0	80.6	74.2	77.4	3.2	32.3	67.7	19.4	6.5	19.4	12.9
Fanteakwa North	78.9	100.0	89.5	73.7	73.7	5.3	31.6	52.6	15.8	15.8	5.3	26.3
Kwahu South	85.2	100.0	81.5	81.5	70.4	14.8	48.1	33.3	25.9	18.5	7.4	14.8
Kwahu West	82.5	93.0	87.7	77.2	57.9	7.0	31.6	24.6	21.1	17.5	10.5	10.5
Kwahu East	88.0	100.0	100.0	88.0	92.0	8.0	40.0	64.0	24.0	20.0	8.0	24.0
Kwahu Afram Plains South	73.1	100.0	69.2	57.7	88.5	0.0	42.3	73.1	19.2	11.5	11.5	7.7
Kwahu Afram Plains North	58.6	100.0	48.3	34.5	82.8	6.9	41.4	55.2	13.8	3.4	13.8	6.9
ASHANTI												
Amansie South	85.7	93.9	85.7	73.5	51.0	4.1	28.6	26.5	22.4	8.2	18.4	8.2
Amansie Central	70.5	95.5	79.5	56.8	52.3	9.1	36.4	22.7	18.2	11.4	11.4	9.1
Akrofuom	82.6	95.7	87.0	73.9	39.1	0.0	17.4	21.7	13.0	8.7	8.7	13.0
Adansi South	77.4	96.8	93.5	77.4	38.7	9.7	12.9	19.4	19.4	9.7	16.1	12.9
Adansi Asokwa	79.3	96.6	93.1	79.3	41.4	3.4	27.6	13.8	13.8	13.8	10.3	17.2

District	Pre-primary	Primary	JHS	All levels	Any Healthcare Facility	Hospitals	Clinics/ Health Centres	CHPS	Any Financial Institution	Commercial Banks	Microfinance Institutions	Police Station
Obuasi East	100.0	95.0	95.0	95.0	70.0	30.0	45.0	10.0	55.0	30.0	30.0	5.0
Obuasi	77.4	87.1	80.6	71.0	48.4	16.1	35.5	9.7	41.9	25.8	25.8	9.7
Adansi North	89.5	100.0	94.7	84.2	47.4	10.5	31.6	15.8	21.1	15.8	15.8	15.8
Bekwai	89.1	95.7	93.5	84.8	43.5	13.0	32.6	10.9	26.1	13.0	17.4	17.4
Amansie West	78.4	89.2	91.9	78.4	37.8	13.5	24.3	8.1	21.6	16.2	8.1	35.1
Atwima Kwanwoma	87.7	98.2	87.7	84.2	59.6	24.6	40.4	12.3	24.6	14.0	17.5	19.3
Bosomtwi	89.1	97.8	93.5	84.8	54.3	19.6	30.4	17.4	19.6	13.0	13.0	19.6
Bosome Freho	80.6	100.0	93.5	74.2	77.4	0.0	19.4	71.0	12.9	6.5	6.5	9.7
Asante Akim Central	82.4	100.0	94.1	76.5	76.5	23.5	41.2	35.3	23.5	11.8	23.5	35.3
Asante Akim South	73.5	98.0	81.6	69.4	55.1	8.2	32.7	30.6	16.3	10.2	6.1	26.5
Asante Akim North	85.7	95.2	90.5	81.0	66.7	4.8	19.0	57.1	9.5	4.8	9.5	14.3
Sekyere Kumawu	88.2	100.0	100.0	88.2	88.2	29.4	47.1	41.2	29.4	29.4	11.8	47.1
Sekyere East	93.3	100.0	100.0	93.3	80.0	13.3	60.0	33.3	13.3	6.7	13.3	13.3
Juaben	95.2	100.0	100.0	95.2	57.1	4.8	42.9	19.0	23.8	9.5	14.3	19.0
Ejisu	88.9	95.6	84.4	75.6	53.3	26.7	31.1	8.9	35.6	17.8	24.4	20.0
Oforikrom	100.0	95.7	95.7	95.7	73.9	34.8	65.2	13.0	52.2	43.5	39.1	34.8
Asokwa	100.0	100.0	100.0	100.0	53.8	46.2	46.2	7.7	61.5	53.8	46.2	23.1
KMA	88.6	80.0	75.7	71.4	78.6	45.7	70.0	2.9	64.3	55.7	41.4	25.7
Kwadaso	84.2	84.2	84.2	84.2	52.6	36.8	36.8	5.3	68.4	42.1	47.4	26.3
Suame	100.0	100.0	100.0	100.0	80.0	60.0	50.0	0.0	90.0	70.0	70.0	30.0
Old Tafo	83.3	83.3	83.3	83.3	83.3	50.0	66.7	0.0	66.7	66.7	33.3	16.7
Asokore Mampong	84.2	89.5	84.2	78.9	68.4	21.1	68.4	10.5	63.2	36.8	52.6	26.3
Kwabre East	92.3	94.9	89.7	87.2	61.5	28.2	46.2	12.8	51.3	41.0	25.6	12.8
Afigya Kwabre South	96.4	94.6	85.7	83.9	44.6	17.9	28.6	1.8	17.9	7.1	14.3	10.7
Atwima Nwabiagya North	90.6	100.0	96.9	90.6	50.0	18.8	21.9	15.6	21.9	18.8	9.4	21.9
Atwima Nwabiagya South	88.6	100.0	85.7	80.0	42.9	20.0	20.0	14.3	28.6	17.1	20.0	11.4
Atwima Mponua	83.1	100.0	93.8	81.5	43.1	6.2	23.1	20.0	12.3	6.2	7.7	10.8
Ahafo Ano South West	74.2	96.8	83.9	67.7	35.5	6.5	22.6	16.1	16.1	12.9	9.7	9.7
Ahafo Ano North	86.2	96.6	93.1	82.8	55.2	6.9	31.0	24.1	27.6	13.8	17.2	13.8
Ahafo Ano South East	73.1	92.3	84.6	73.1	46.2	7.7	15.4	26.9	15.4	7.7	15.4	11.5
Offinso North	95.0	95.0	75.0	75.0	55.0	15.0	30.0	15.0	25.0	20.0	15.0	25.0
Offinso	79.1	95.3	79.1	67.4	44.2	11.6	20.9	16.3	20.9	16.3	11.6	11.6
Afigya Kwabre North	76.2	100.0	81.0	71.4	57.1	9.5	42.9	9.5	23.8	19.0	4.8	19.0
Sekyere South	71.0	90.3	90.3	67.7	41.9	16.1	22.6	6.5	19.4	16.1	12.9	22.6

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Mampong	76.2	95.2	78.6	64.3	54.8	9.5	35.7	14.3	16.7	11.9	9.5	7.1
Ejura Sekyedumase	58.6	96.6	79.3	51.7	51.7	6.9	17.2	31.0	20.7	13.8	13.8	13.8
Sekyere Central	75.9	100.0	75.9	69.0	58.6	6.9	34.5	27.6	20.7	17.2	6.9	24.1
Sekyere Afram Plains	61.5	100.0	92.3	61.5	76.9	0.0	46.2	46.2	7.7	7.7	0.0	23.1
WESTERN NORTH												
Aowin	64.3	87.1	71.4	52.9	50.0	4.3	32.9	25.7	14.3	7.1	10.0	10.0
Sefwi Akontombra	83.3	100.0	86.1	75.0	72.2	2.8	36.1	50.0	13.9	11.1	8.3	11.1
Suaman	56.3	93.8	56.3	50.0	81.3	6.3	31.3	56.3	12.5	12.5	6.3	12.5
Bodi	70.0	100.0	90.0	66.7	76.7	0.0	30.0	56.7	10.0	6.7	6.7	10.0
Sefwi Wiawso	73.6	98.1	86.8	69.8	62.3	11.3	39.6	32.1	18.9	11.3	15.1	13.2
Bibiani Anhwiaso Bekwai	79.3	96.6	89.7	74.1	56.9	12.1	24.1	36.2	22.4	10.3	17.2	12.1
Juaboso	73.8	100.0	90.5	66.7	76.2	4.8	31.0	52.4	21.4	11.9	14.3	14.3
Bia West	63.2	91.2	66.7	54.4	56.1	7.0	31.6	38.6	21.1	15.8	10.5	14.0
Bia East	50.0	94.4	61.1	41.7	52.8	2.8	19.4	36.1	16.7	11.1	11.1	11.1
AHAFO												
Asunafo South	63.9	91.7	80.6	58.3	58.3	8.3	19.4	38.9	13.9	8.3	8.3	19.4
Asunafo North	70.5	93.2	77.3	59.1	45.5	11.4	25.0	22.7	29.5	20.5	20.5	15.9
Asutifi South	77.3	90.9	95.5	68.2	68.2	4.5	27.3	40.9	31.8	31.8	13.6	36.4
Asutifi North	91.7	95.8	87.5	87.5	70.8	8.3	20.8	45.8	33.3	25.0	12.5	12.5
Tano North	83.3	96.7	86.7	80.0	63.3	10.0	26.7	40.0	23.3	20.0	13.3	16.7
Tano South	83.3	91.7	75.0	62.5	66.7	12.5	12.5	41.7	16.7	12.5	12.5	16.7
BONO												
Dormaa West	47.4	84.2	63.2	47.4	68.4	10.5	47.4	31.6	36.8	15.8	26.3	15.8
Dormaa Central	89.5	100.0	89.5	81.6	60.5	2.6	44.7	21.1	21.1	13.2	15.8	13.2
Dormaa East	80.0	100.0	75.0	60.0	70.0	15.0	20.0	45.0	20.0	10.0	20.0	20.0
Sunyani	88.2	86.3	82.4	74.5	47.1	21.6	37.3	5.9	31.4	25.5	17.6	11.8
Sunyani West	81.8	100.0	81.8	72.7	81.8	22.7	45.5	50.0	27.3	22.7	18.2	22.7
Berekum East	91.7	100.0	100.0	91.7	75.0	8.3	41.7	50.0	25.0	16.7	16.7	16.7
Berekum West	86.7	100.0	86.7	80.0	66.7	6.7	46.7	33.3	26.7	20.0	6.7	20.0
Jaman South	85.7	97.1	88.6	74.3	71.4	5.7	54.3	22.9	34.3	25.7	14.3	20.0
Jaman North	72.4	96.6	86.2	65.5	79.3	6.9	48.3	44.8	58.6	34.5	37.9	24.1

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Tain	82.9	100.0	73.2	65.9	51.2	4.9	29.3	22.0	19.5	17.1	12.2	17.1
Wenchi	73.7	94.7	73.7	57.9	39.5	2.6	18.4	23.7	21.1	10.5	15.8	13.2
Banda	86.7	93.3	93.3	80.0	93.3	0.0	33.3	60.0	13.3	13.3	0.0	26.7
BONON EAST												
Nkoranza South	66.7	97.2	69.4	52.8	55.6	2.8	30.6	30.6	22.2	13.9	13.9	19.4
Techiman	89.7	97.4	66.7	66.7	59.0	10.3	28.2	30.8	41.0	23.1	28.2	17.9
Nkoranza North	82.1	100.0	82.1	75.0	78.6	3.6	17.9	64.3	17.9	7.1	14.3	17.9
Techiman North	86.4	95.5	90.9	81.8	63.6	4.5	54.5	22.7	40.9	22.7	31.8	36.4
Atebubu Amantin	52.4	92.9	57.1	40.5	38.1	2.4	21.4	26.2	7.1	4.8	4.8	9.5
Sene West	53.6	89.3	53.6	35.7	46.4	7.1	7.1	39.3	21.4	14.3	10.7	7.1
Sene East	19.0	92.9	35.7	9.5	50.0	0.0	23.8	23.8	11.9	2.4	11.9	9.5
Pru West	30.8	80.8	65.4	23.1	42.3	0.0	26.9	23.1	19.2	11.5	11.5	11.5
Pru East	48.4	80.6	32.3	22.6	32.3	3.2	9.7	25.8	12.9	9.7	6.5	9.7
Kintampo South	82.5	95.0	77.5	60.0	50.0	5.0	20.0	32.5	15.0	10.0	7.5	5.0
Kintampo North	66.7	83.3	63.9	55.6	58.3	5.6	19.4	41.7	8.3	8.3	8.3	13.9
OTI												
Biakoye	86.2	96.6	72.4	69.0	62.1	6.9	27.6	37.9	24.1	13.8	17.2	27.6
Jasikan	56.0	92.0	72.0	52.0	72.0	8.0	44.0	48.0	16.0	16.0	8.0	8.0
Kadjebi	74.2	93.5	77.4	58.1	64.5	3.2	35.5	45.2	16.1	9.7	12.9	19.4
Krachi East	52.2	100.0	56.5	37.0	39.1	4.3	26.1	21.7	13.0	10.9	4.3	8.7
Krachi West	51.5	87.9	51.5	30.3	54.5	3.0	18.2	33.3	12.1	6.1	6.1	6.1
Krachi Nchumuru	36.8	86.8	55.3	28.9	44.7	0.0	18.4	26.3	13.2	5.3	7.9	5.3
Nkwanta South	46.6	91.4	65.5	37.9	51.7	1.7	17.2	37.9	6.9	1.7	6.9	8.6
Nkwanta North	23.1	89.7	35.9	15.4	48.7	2.6	20.5	35.9	7.7	5.1	5.1	10.3
Guan	69.2	92.3	92.3	69.2	76.9	0.0	38.5	38.5	7.7	0.0	7.7	15.4
NORTHERN												
Kpandai	26.7	85.0	36.7	16.7	38.3	6.7	18.3	18.3	13.3	3.3	11.7	8.3
Nanumba South	22.0	93.2	28.8	16.9	39.0	0.0	6.8	32.2	3.4	1.7	3.4	6.8
Nanumba North	32.8	92.5	40.3	22.4	25.4	1.5	11.9	19.4	7.5	7.5	3.0	4.5
Zabzugu	24.1	96.6	41.4	20.7	41.4	6.9	17.2	20.7	20.7	13.8	10.3	6.9
Tatale Sanguli	38.2	100.0	47.1	23.5	50.0	2.9	20.6	32.4	11.8	2.9	8.8	5.9

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Saboba	34.8	95.7	58.7	26.1	63.0	2.2	19.6	52.2	4.3	2.2	2.2	8.7
Yendi	72.7	97.0	45.5	36.4	54.5	3.0	30.3	33.3	12.1	9.1	6.1	3.0
Mion	17.8	93.3	35.6	8.9	40.0	2.2	13.3	26.7	6.7	6.7	2.2	2.2
Nanton	72.2	94.4	50.0	33.3	66.7	11.1	33.3	50.0	16.7	11.1	5.6	5.6
Tamale	87.0	92.8	69.6	66.7	53.6	13.0	47.8	17.4	29.0	24.6	18.8	5.8
Sagnarigu	92.7	96.4	74.5	70.9	60.0	21.8	38.2	20.0	27.3	21.8	12.7	3.6
Tolon	35.6	91.1	33.3	15.6	44.4	6.7	20.0	24.4	15.6	6.7	11.1	4.4
Kumbungu	61.9	92.9	57.1	45.2	50.0	2.4	28.6	35.7	9.5	4.8	4.8	4.8
Savelugu	54.5	93.9	45.5	27.3	42.4	6.1	27.3	24.2	6.1	6.1	3.0	9.1
Karaga	25.0	97.7	36.4	18.2	38.6	2.3	15.9	22.7	9.1	6.8	2.3	4.5
Gushegu	35.4	84.6	21.5	15.4	32.3	3.1	10.8	23.1	7.7	4.6	4.6	3.1
SAVANNAH												
Bole	53.8	87.2	66.7	41.0	71.8	10.3	30.8	48.7	23.1	15.4	12.8	10.3
Sawla Tuna Kalba	41.3	97.8	58.7	28.3	47.8	4.3	17.4	34.8	15.2	10.9	6.5	6.5
North Gonja	25.0	91.7	33.3	16.7	50.0	4.2	16.7	33.3	4.2	0.0	4.2	12.5
West Gonja	42.9	92.9	71.4	35.7	85.7	7.1	50.0	64.3	28.6	21.4	14.3	28.6
Central Gonja	34.0	92.5	34.0	18.9	41.5	5.7	20.8	24.5	7.5	5.7	5.7	11.3
East Gonja	27.7	85.1	42.6	19.1	36.2	2.1	23.4	17.0	4.3	2.1	4.3	10.6
North East Gonja	57.1	100.0	61.9	33.3	57.1	0.0	14.3	42.9	4.8	0.0	4.8	0.0
NORTH EAST												
Mamprugu Moagduri	43.3	100.0	63.3	43.3	50.0	0.0	26.7	23.3	10.0	3.3	6.7	3.3
West Mamprusi	66.7	100.0	70.6	52.9	43.1	3.9	25.5	23.5	11.8	11.8	2.0	5.9
East Mamprusi	35.5	93.5	38.7	22.6	48.4	3.2	29.0	30.6	8.1	4.8	4.8	6.5
Bunkpurugu Nakpanduri	30.3	97.0	60.6	24.2	57.6	9.1	12.1	42.4	24.2	9.1	18.2	12.1
Yunyoo Nasuan	32.1	96.4	39.3	14.3	53.6	7.1	21.4	32.1	7.1	3.6	7.1	14.3
Chereponi	55.3	94.7	47.4	34.2	47.4	2.6	13.2	34.2	7.9	2.6	7.9	7.9
UPPER EAST												
Builsa South	73.3	100.0	93.3	66.7	100.0	6.7	26.7	80.0	13.3	6.7	6.7	6.7
Builsa North	67.9	89.3	67.9	60.7	85.7	10.7	21.4	67.9	10.7	10.7	0.0	10.7
Kasena Nankana	52.6	86.8	78.9	47.4	68.4	5.3	21.1	55.3	10.5	5.3	10.5	10.5
Kasena Nankana West	52.8	100.0	80.6	44.4	83.3	8.3	30.6	72.2	27.8	11.1	22.2	13.9

District	Pre-primary	Primary	JHS	All levels	Any Healthcare Facility	Hospitals	Clinics/ Health Centres	CHPS	Any Financial Institution	Commercial Banks	Microfinance Institutions	Police Station
Bolgatanga	73.2	90.2	75.6	65.9	58.5	12.2	31.7	31.7	19.5	17.1	9.8	9.8
Talensi	72.7	84.1	72.7	56.8	68.2	9.1	29.5	43.2	11.4	9.1	2.3	6.8
Bolgatanga East	93.3	100.0	86.7	80.0	73.3	13.3	26.7	46.7	13.3	0.0	13.3	6.7
Bongo	58.9	85.7	64.3	41.1	82.1	14.3	30.4	67.9	7.1	3.6	5.4	5.4
Nabdam	57.1	60.7	57.1	35.7	64.3	0.0	25.0	46.4	10.7	7.1	3.6	7.1
Bawku West	48.5	89.7	61.8	32.4	52.9	2.9	22.1	33.8	17.6	5.9	13.2	7.4
Binduri	57.6	90.9	60.6	45.5	60.6	9.1	39.4	45.5	15.2	6.1	9.1	12.1
Bawku	68.3	92.7	80.5	58.5	58.5	7.3	31.7	31.7	19.5	12.2	14.6	9.8
Garu	56.7	96.7	53.3	36.7	76.7	16.7	43.3	43.3	6.7	3.3	6.7	6.7
Tempane	45.9	86.5	59.5	40.5	70.3	5.4	37.8	45.9	10.8	10.8	0.0	2.7
Pusiga	41.2	82.4	58.8	23.5	55.9	8.8	26.5	35.3	8.8	5.9	5.9	5.9
UPPER WEST												
Wa West	75.0	97.9	91.7	70.8	70.8	6.3	27.1	52.1	22.9	16.7	8.3	6.3
Wa East	69.8	97.7	83.7	60.5	79.1	9.3	30.2	55.8	7.0	7.0	2.3	9.3
Wa	77.4	75.5	69.8	69.8	71.7	7.5	43.4	41.5	35.8	26.4	18.9	9.4
Nadowli Kaleo	93.1	100.0	79.3	75.9	86.2	17.2	48.3	58.6	13.8	6.9	10.3	13.8
Daffiama Bussie Issa	87.5	100.0	93.8	87.5	93.8	6.3	43.8	56.3	18.8	18.8	12.5	18.8
Sissala East	75.0	96.9	87.5	68.8	84.4	3.1	34.4	59.4	18.8	6.3	15.6	9.4
Sissala West	88.5	100.0	92.3	80.8	88.5	3.8	23.1	65.4	15.4	15.4	3.8	15.4
Jirapa	91.4	94.3	88.6	80.0	88.6	2.9	48.6	60.0	11.4	8.6	5.7	11.4
Lawra	89.7	86.2	82.8	72.4	86.2	3.4	62.1	48.3	10.3	6.9	3.4	10.3
Lambussie Karni	83.3	95.8	87.5	83.3	91.7	0.0	25.0	62.5	16.7	16.7	4.2	16.7
Nandom	81.5	96.3	88.9	74.1	92.6	3.7	44.4	59.3	18.5	7.4	11.1	7.4

5.2. Index of Concentration

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
WESTERN									
Jomoro	27	21	27	11	4	3	50	17	14
Ellembelle	40	26	25	14	5	5	62	15	20
Nzema East	35	19	21	10	3	4	30	13	2
Ahanta West	41	18	23	11	5	3	45	25	9
Kwesimintim	28	8	10	4	3	1	16	17	3
STMA	25	9	12	5	3	1	45	19	10
Shama	42	18	19	7	3	3	30	8	12
Wassa East	40	25	21	10	4	4	32	32	14
Mpohor	39	23	24	10	5	5	47	29	12
Tarkwa Nsuaem	32	15	19	11	4	2	54	29	16
Prestea/Huni Valley	32	20	21	7	4	2	40	23	7
Wassa Amenfi East	25	21	24	11	3	4	17	19	8
Wassa Amenfi Central	25	23	26	9	4	3	48	16	15
Wassa Amenfi West	39	26	28	19	5	8	47	15	13
CENTRAL									
Komenda Edina Eguafo Abirem	51	20	28	15	3	2	45	13	8
CCM	27	10	12	7	2	1	26	13	5
Abura / Asebu / Kwamankese	50	22	30	9	1	6	25	15	10
Mfantsiman	43	18	25	6	4	1	26	24	15
Ekumfi	43	22	32	13	5	7	17	17	11
Gomoa West	36	18	27	11	4	5	22	20	16
Effutu	43	18	21	11	1	1	38	15	13

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Gomoa Central	40	17	24	6	3	2	19	0	10
Gomoa East	53	20	26	7	4	1	15	13	14
Awutu Senya East	73	23	34	4	3	1	55	33	8
Awutu Senya	37	17	22	7	3	2	34	26	9
Agona East	47	24	27	9	3	3	12	28	10
Agona West	53	23	31	8	3	2	53	46	13
Asikuman / Odoben / Brakwa	42	21	27	10	2	6	28	20	9
Ajumako-Enyan-Esiam	39	22	30	8	3	3	31	16	10
Assin South	20	12	14	4	2	2	20	5	7
Twifo Heman Lower Denkyira	52	26	32	8	5	3	29	19	9
Twifo Ati Morkwa	39	22	32	9	1	4	55	10	8
Assin Fosu	40	23	30	7	3	1	39	21	20
Assin North	37	25	32	10	3	6	24	12	18
Upper Denkyira East	37	19	27	12	4	6	60	6	9
Upper Denkyira West	26	17	21	8	4	3	10	31	18
GREATER ACCRA									
Ga South	58	20	25	5	3	1	19	22	10
Weija Gbawe	31	10	13	2	1	0	10	5	6
Ga Central	31	10	15	2	1	0	5	6	2
Ablekuma North	27	8	13	2	1	0	19	14	2
Ablekuma West	28	10	12	3	2	0	15	9	3
Ablekuma Central	26	7	10	3	2	0	29	17	3
AMA	26	7	10	6	3	0	41	17	7
Korle Klottey	32	10	14	14	9	0	235	52	15
Ayawaso Central	32	9	13	2	1	0	61	21	1

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Ayawaso East	25	9	11	10	3	0	42	16	8
Ayawaso North	17	8	9	3	2	0	28	13	6
La Dade Kotopon	32	10	11	8	4	0	67	15	6
Lekzokuku	33	8	13	2	1	0	25	11	3
Krowor	32	10	13	2	1	0	32	11	3
Adenta	38	10	13	4	3	0	28	12	8
Ayawaso West	65	16	18	17	10	0	152	33	15
Okaikoi North	29	8	12	4	3	0	44	20	5
Ga North	30	11	14	3	1	0	12	8	6
Ga West	59	19	20	5	2	0	20	16	5
Ga East	64	21	29	8	4	0	53	25	9
La Nkwananang Madina	69	18	23	10	4	0	67	29	13
Kpone Katamanso	61	19	21	4	3	0	35	9	9
Ashaiman	28	10	14	3	1	0	23	15	3
Tema West	38	9	12	5	2	0	27	18	6
TMA	30	9	12	8	4	0	53	24	16
Ningo Prampram	61	21	25	7	5	1	49	16	22
Shai Osudoku	57	22	25	9	4	2	49	15	16
Ada West	25	15	17	3	2	1	41	32	5
Ada East	39	18	20	5	2	2	21	0	16
VOLTA									
South Tongu	40	20	26	10	3	3	31	8	14
Anloga	25	14	18	7	6	1	6	13	11
Keta Municipal	33	17	27	9	4	1	15	11	20
Ketu South	29	13	16	8	4	2	21	14	7

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Ketu North	32	17	24	12	3	2	8	16	16
Akatsi North	14	11	15	4	1	3	5	5	12
Akatsi South	43	22	25	9	4	4	23	20	11
Central Tongu	32	20	24	10	4	4	23	11	10
North Tongu	24	19	21	7	3	3	32	12	16
Ho West	47	29	39	11	7	3	21	7	14
Adaklu Anyigbe	16	11	14	8	3	4	16	8	11
Agotime Ziope	36	22	28	14	5	9	46	15	15
Ho	61	23	28	16	6	2	55	29	10
South Dayi	40	27	31	27	5	3	37	16	14
Afadzato South	38	23	34	13	8	4	29	4	11
North Dayi	24	14	19	11	2	4	41	7	8
Kpando	49	22	29	10	6	2	55	25	17
Hohoe	37	16	22	14	5	1	47	29	9
EASTERN									
Birim South	57	22	31	8	2	6	43	17	17
Birim Central	42	18	23	4	1	2	62	42	5
Achiase	35	20	24	11	4	6	33	17	21
Asene Manso Akroso	43	22	28	11	4	4	28	12	8
West Akim	36	18	20	9	3	2	41	15	5
Upper West Akim	28	19	20	7	5	3	10	10	11
Ayensuano	46	20	28	10	4	5	23	13	6
Nsawam Adoagyiri	52	18	21	7	3	1	19	13	4
Akwapim South	58	21	26	9	3	4	15	34	23
Akwapim North	56	24	32	12	4	3	33	19	25

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Okere	47	22	27	7	3	4	6	0	23
New Juaben South	61	20	22	15	7	1	112	59	6
New Juaben North	45	15	18	8	3	2	18	18	15
Suhum Kraboa Coaltar	45	19	22	9	3	4	29	26	6
Abuakwa South	38	22	34	10	2	2	39	16	13
Abuakwa North	44	21	26	14	2	4	12	32	14
Denkyembuor	50	22	32	9	2	4	12	27	10
Akyemansa	35	19	26	10	4	6	35	7	9
Kwaebibirem	47	21	27	11	4	3	48	28	12
Birim North	59	25	31	11	3	3	56	15	19
Atiwa West	41	18	28	8	2	5	15	10	20
Atiwa East	51	20	29	11	6	5	24	34	9
Fanteakwa South	50	22	23	8	4	3	44	33	22
Yilo Krobo	40	21	20	8	5	2	30	30	11
Lower Manya	47	21	21	9	3	1	19	19	12
Asuogyaman	48	22	24	12	5	4	53	15	16
Upper Manya Krobo	35	28	24	20	4	8	27	35	23
Fanteakwa North	43	25	25	7	2	5	65	5	25
Kwahu South	38	23	28	11	5	3	39	8	15
Kwahu West	44	20	23	7	3	2	43	17	12
Kwahu East	41	23	29	12	4	7	38	8	18
Kwahu Afram Plains South	27	20	17	14	4	10	22	27	8
Kwahu Afram Plains North	19	19	14	15	4	9	10	24	9
ASHANTI									
Amansie South	30	19	26	10	3	3	16	32	7

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Amansie Central	31	29	24	10	5	2	19	22	10
Akrofuom	41	26	28	10	5	5	18	18	17
Adansi South	27	21	19	10	1	2	22	26	12
Adansi Asokwa	14	10	13	2	1	1	24	7	8
Obuasi	47	17	24	5	3	0	20	33	2
Obuasi East	35	15	21	6	3	1	34	39	6
Adansi North	39	19	24	12	7	1	33	17	15
Bekwai	40	21	27	8	3	1	29	22	14
Amansie West	30	18	24	5	3	1	26	9	27
Atwima Kwanwoma	39	18	20	7	4	1	15	25	12
Bosomtwi	40	16	21	9	3	2	21	17	11
Bosome Freho	16	13	14	6	2	4	10	5	5
Asante Akim Central Mun	44	18	25	7	3	2	37	20	20
Asante Akim South	36	22	25	11	4	3	23	8	21
Asante Akim North	28	20	28	18	3	4	28	14	7
Sekyere Kumawu	35	22	34	11	3	4	25	15	25
Sekyere East	29	22	28	12	3	2	13	29	8
Juaben	32	18	25	10	4	1	20	15	19
Ejisu	44	18	21	8	3	1	34	34	12
Oforikrom	24	9	13	4	2	0	16	12	7
Asokwa	22	9	11	3	2	0	35	24	6
KMA	26	10	14	6	3	0	59	25	8
Kwadaso	21	7	10	2	1	0	24	17	5
Suame	17	8	10	2	1	0	49	23	4
Old Tafo	16	7	9	3	1	0	26	5	4
Asokore Mampong	16	9	9	2	2	0	16	13	4

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Kwabre East	36	17	22	4	2	0	24	15	7
Afigya Kwabre South	37	15	17	5	2	0	8	16	5
Atwima Nwabiagya North	36	16	18	5	2	1	16	6	10
Atwima Nwabiagya South	35	19	19	9	1	1	32	25	6
Atwima Mponua	32	23	29	8	4	2	10	12	10
Ahafo Ano South West	33	22	24	5	3	2	39	15	15
Ahafo Ano North	34	27	31	6	2	2	27	31	15
Ahafo Ano South East	21	20	24	7	1	4	11	21	10
Offinso North	23	17	17	5	3	1	28	20	19
Offinso	27	16	21	9	3	1	30	14	13
Afigya Kwabre North	22	17	20	4	3	1	18	5	14
Sekyere South	34	21	29	8	2	0	31	18	17
Mampong	32	17	22	6	3	1	21	18	7
Ejura Sekye Dumasi	17	19	19	7	2	2	31	34	12
Sekyere Central	28	19	21	8	5	3	31	9	25
Sekyere Afram Plains	12	21	19	9	4	5	11	0	25
WESTERN NORTH									
Aowin	31	25	27	11	5	3	29	22	17
Sefwi Akontombra	35	27	28	15	5	7	28	18	14
Suaman	21	19	30	13	5	7	40	16	10
Bodi	35	26	24	12	4	7	24	10	12
Sefwi Wiawso	26	22	28	11	4	3	39	28	12
Sefwi Bibiani Ahwiaso Bekwai	39	21	26	9	3	4	41	41	18
Juaboso	32	25	28	12	4	7	49	28	14
Bia West	28	23	25	12	5	6	47	33	17

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Bia East	11	10	11	5	2	3	28	12	9
AHAFO									
Asunafo South	21	22	24	10	3	4	35	14	26
Asunafo North	30	23	25	7	3	2	107	30	14
Asutifi South	30	22	31	12	3	4	61	14	29
Asutifi North	35	22	30	7	2	4	51	13	17
Tano North	35	20	28	8	3	3	36	30	21
Tano South	25	20	23	6	1	3	40	11	12
BONO									
Dormaa West	21	20	21	16	5	4	47	40	13
Dormaa	39	20	26	12	6	2	38	43	18
Dormaa East	38	19	22	11	2	4	22	18	15
Sunyani	43	18	21	9	6	0	77	32	8
Sunyani West	38	19	22	7	4	3	35	15	10
Berekum East	39	19	22	14	3	1	53	30	9
Berekum West	31	19	23	8	5	2	31	6	16
Jaman South	35	21	24	9	5	2	49	20	17
Jaman North	19	17	21	11	4	3	53	45	17
Tain	26	17	19	9	3	3	22	22	12
Wenchi	32	18	24	7	4	2	41	31	13
Banda	17	9	14	8	4	4	23	0	18
BONO EAST									
Nkoransa South	29	21	20	12	5	2	42	28	16

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Techiman South	36	19	21	10	2	1	66	38	14
Nkoranza North	40	19	30	13	5	8	23	52	18
Techiman North	39	19	27	5	3	1	27	33	18
Atebubu Amantin	17	15	17	5	2	2	37	7	7
Sene West	11	18	15	6	1	4	29	14	6
Sene East	4	15	11	7	3	3	24	24	14
Pru West	9	12	19	6	4	2	29	19	12
Pru East	11	14	13	8	2	2	36	13	12
Kintampo South	30	21	24	9	3	3	18	11	7
Kintampo North	24	16	20	7	2	3	26	14	11
OTI									
Biakoye	43	25	30	13	4	4	31	27	25
Jasikan	35	26	26	12	6	6	30	15	10
Kadjebi	33	23	27	19	7	6	22	17	22
Krachi East	17	19	16	12	6	4	25	6	9
Krachi West	23	16	16	9	2	5	16	10	7
Krachi Nchumuru	13	16	17	7	3	4	26	13	5
Nkwanta South	18	16	16	10	2	5	15	10	12
Nkwanta North	8	10	11	6	2	4	12	9	10
Guan	19	15	19	8	2	2	0	10	7
NORTHERN									
Kpandai	7	13	10	7	2	2	14	26	18
Nanumba South	4	14	11	6	2	4	4	7	8
Nanumba North	8	11	10	6	2	2	12	10	5

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Zabzugu	7	13	11	5	2	1	37	14	7
Tatale	7	13	9	8	2	4	5	20	5
Saboba	9	18	16	13	5	6	15	4	13
Yendi	17	16	15	8	2	2	41	11	6
Mion	5	14	10	7	2	4	24	4	2
Nanton	12	21	15	8	3	4	15	7	4
Tamale	15	8	7	3	1	0	25	9	2
Sanerigu	32	19	15	6	4	1	33	15	1
Tolon	6	13	11	7	3	3	18	15	3
Kumbungu	13	17	12	8	3	4	10	7	4
Savelugu	14	15	9	8	3	2	29	3	5
Karaga	5	14	11	5	1	2	47	3	4
Gushiegu	7	12	7	8	1	3	10	10	3
SAVANNAH									
Bole	17	17	17	9	4	4	50	31	10
Sawla Tuna Kalba	10	20	16	8	2	4	24	28	5
North Gonja	5	12	11	7	2	3	0	6	10
West Gonja	12	19	23	14	4	7	46	21	19
Central Gonja	7	12	10	9	3	3	39	8	17
East Gonja	8	15	12	6	3	2	12	17	12
North East Gonja	4	10	9	6	3	3	0	5	0
NORTH EAST									
Mamprugu Moagduri	7	12	13	7	4	3	11	11	3
West Mamprusi	24	15	14	7	3	2	23	6	5

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
East Mamprusi	8	11	10	7	3	3	41	8	7
Bunkpurugu Nyankpanduri	13	27	19	11	2	5	23	23	17
Yunyoo-Nasuan	3	8	4	3	1	2	3	7	7
Chereponi	9	12	8	6	2	4	9	13	11
UPPER EAST									
Builsa South	32	20	18	16	3	13	17	9	11
Builsa North	34	23	22	24	3	11	27	0	14
Kassena Nankana East	24	20	25	9	3	5	27	24	14
Kassena Nankana West	20	23	26	16	6	10	45	56	13
Bolgatanga	39	19	18	9	4	3	46	20	10
Talensi	29	20	25	14	6	7	18	4	7
Bolga East	47	18	23	13	5	6	0	16	5
Bongo	22	21	21	18	5	10	5	8	5
Nabdam	15	7	8	6	2	4	12	3	4
Bawku West	15	14	14	10	4	4	16	21	10
Binduri	8	7	7	6	3	3	9	7	7
Bawku	24	16	20	9	3	3	24	16	7
Garu	19	15	13	13	6	5	19	14	6
Tempane	12	17	11	11	5	5	35	0	2
Pusiga	7	12	13	9	5	3	22	9	5
UPPER WEST									
Wa West	11	9	12	7	3	4	16	7	5
Wa East	20	15	20	12	4	7	19	4	13
Wa	29	15	22	15	5	4	48	22	11
Nadowli-Kaleo	43	28	30	23	7	11	14	24	22

Districts	Per 1,000 Population			Per 10,000 Population			Per 100,000 Population		
	Pre-Primary	Primary	JHS	Hospitals	Clinic	CHPS	Banking	Non-banking	Police Station
	aged 4 - 5 years	aged 6 - 11 years	aged 12 - 14 years	all ages			15 years and older	15 years and older	all ages
Daffiama Bussie	27	23	25	23	6	9	25	42	10
Sissala East	24	21	28	21	5	8	53	28	12
Sissala West	28	22	28	18	5	11	37	5	16
Jirapa	39	20	21	25	7	6	17	8	11
Lawra	40	20	27	23	10	8	32	5	14
Lambussie-Karni	28	20	24	16	5	10	46	13	20
Nandom	42	18	25	29	9	9	24	18	8

*This is age specific and per 1,000 population for education, 10,000 population for health and 100,000 population for financial and police station facilities.

5.3. Intra-Regional Proximity to Essential Service Facilities

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤ 1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
WESTERN	56.6	97.4	98.1	97.4	43.2	56.8	49.7	50.3	29.3	70.7
Jomoro	55.7	88.7	88.7	96.9	27.8	72.2	33.0	67.0	14.4	85.6
Ellembelle	60.9	96.6	100.0	92.0	46.0	54.0	54.0	46.0	17.8	82.2
Nzema East	56.9	98.6	95.8	90.3	23.6	76.4	44.4	55.6	18.1	81.9
Ahanta West	83.3	100.0	100.0	100.0	76.9	23.1	71.8	28.2	55.1	44.9
Effia-Kwesimintsim	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
STMA	96.1	100.0	100.0	100.0	94.1	5.9	94.1	5.9	96.1	3.9
Shama	91.1	100.0	100.0	100.0	86.7	13.3	91.1	8.9	42.2	57.8
Wassa East	51.9	97.1	100.0	99.0	47.1	52.9	32.7	67.3	30.3	69.7
Mpohor	46.9	93.8	100.0	100.0	28.1	71.9	53.1	46.9	37.5	62.5
Tarkwa Nsuaem	66.7	93.3	98.7	96.0	57.3	42.7	60.0	40.0	49.3	50.7
Prestea Huni Valley	47.9	97.2	97.9	95.1	31.7	68.3	42.3	57.7	18.7	81.3
Wassa Amenfi East	38.1	100.0	100.0	100.0	28.6	71.4	30.6	69.4	15.0	85.0
Wassa Amenfi Central	34.7	100.0	99.0	100.0	29.7	70.3	64.4	35.6	18.8	81.2
Wassa Amenfi West	49.3	100.0	97.2	98.6	22.5	77.5	22.5	77.5	11.3	88.7
CENTRAL	73.5	99.9	100.0	98.9	63.4	36.6	61.3	38.7	39.8	60.2
Komenda Edina Eguafu Abirem	91.6	100.0	100.0	98.8	71.1	28.9	75.9	24.1	39.8	60.2
CCM	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	89.0	11.0
Abura Asebu Kwamankese	87.1	100.0	100.0	100.0	58.1	41.9	67.7	32.3	33.3	66.7
Mfantsiman	83.3	100.0	100.0	100.0	91.7	8.3	70.0	30.0	40.0	60.0
Ekumfi	85.4	100.0	100.0	100.0	72.9	27.1	54.2	45.8	47.9	52.1
Gomoa West	90.1	100.0	100.0	100.0	71.8	28.2	69.0	31.0	41.5	58.5
Effutu	100.0	100.0	100.0	100.0	100.0	0.0	90.9	9.1	72.7	27.3
Gomoa Central	97.0	100.0	100.0	100.0	90.9	9.1	84.8	15.2	54.5	45.5
Gomoa East	90.2	100.0	100.0	100.0	87.8	12.2	82.9	17.1	42.7	57.3
Awutu Senya East	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Awutu Senya	79.0	100.0	100.0	100.0	92.6	7.4	91.4	8.6	71.0	29.0
Agona East	79.2	100.0	100.0	100.0	68.1	31.9	37.5	62.5	61.1	38.9
Agona West	53.5	100.0	100.0	100.0	76.7	23.3	53.5	46.5	25.6	74.4
Asikuma-Odoben-Brakwa	51.9	100.0	100.0	99.1	27.4	72.6	48.1	51.9	28.3	71.7
Ajumako-Enyan-Esiam	67.4	98.9	100.0	100.0	58.9	41.1	49.5	50.5	31.1	68.9

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Assin South	67.6	100.0	100.0	94.4	40.7	59.3	48.1	51.9	9.3	90.7
Twifo Heman Lower Denkyira	63.9	100.0	100.0	100.0	44.3	55.7	31.1	68.9	18.9	81.1
Twifo Ati Morkwa	55.7	100.0	100.0	97.7	36.4	63.6	43.2	56.8	19.3	80.7
Assin Fosu	61.8	100.0	100.0	97.1	67.6	32.4	47.1	52.9	26.5	73.5
Assin North	40.5	100.0	100.0	97.3	37.8	62.2	50.5	49.5	11.3	88.7
Upper Denkyira East	54.9	100.0	100.0	100.0	35.3	64.7	47.1	52.9	12.7	87.3
Upper Denkyira West	61.5	100.0	100.0	96.2	57.7	42.3	28.8	71.2	41.3	58.7
GREATER ACCRA	86.8	99.9	100.0	99.0	89.1	10.9	85.8	14.2	73.8	26.2
Ga South	74.2	100.0	100.0	100.0	88.7	11.3	75.8	24.2	75.4	24.6
Weija Gbawe	92.9	100.0	100.0	100.0	92.9	7.1	100.0	0.0	100.0	0.0
Ga Central	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ablekuma North	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ablekuma West	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ablekuma Central	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
AMA	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Korle Klottey	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ayawaso Central	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ayawaso East	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ayawaso North	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
La Dadekotopon	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ledzokuku	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Krowor	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Adentan	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ayawaso West	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Okaikoi North	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ga North	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ga West	98.5	100.0	100.0	100.0	97.1	2.9	95.6	4.4	95.6	4.4
Ga East	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
La Nkwantanang -Madina	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Kpone Katamanso	96.2	100.0	100.0	100.0	100.0	0.0	100.0	0.0	96.2	3.8
Ashaiman	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Tema West	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
TMA	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Ningo Prampram	80.4	100.0	100.0	100.0	87.5	12.5	98.2	1.8	47.3	52.7

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Shai Osudoku	71.4	98.6	100.0	97.1	71.4	28.6	61.4	38.6	31.4	68.6
Ada West	69.6	100.0	100.0	87.0	41.3	58.7	56.5	43.5	37.0	63.0
Ada East	65.2	100.0	100.0	100.0	78.3	21.7	55.1	44.9	5.1	94.9
VOLTA	61.7	98.6	98.1	98.0	67.0	33.0	50.8	49.2	33.9	66.1
South Tongu	59.1	100.0	100.0	100.0	67.3	32.7	48.2	51.8	19.1	80.9
Anloga	61.9	100.0	100.0	97.6	66.7	33.3	9.5	90.5	14.3	85.7
Keta	59.4	100.0	100.0	96.9	87.5	12.5	37.5	62.5	29.7	70.3
Ketu South	83.3	100.0	100.0	100.0	88.9	11.1	88.1	11.9	79.0	21.0
Ketu North	56.9	100.0	100.0	100.0	80.4	19.6	28.4	71.6	36.8	63.2
Akatsi North	47.7	100.0	100.0	90.9	54.5	45.5	29.5	70.5	8.0	92.0
Akatsi South	50.5	99.0	100.0	100.0	61.2	38.8	48.5	51.5	40.3	59.7
Central Tongu	48.6	99.1	97.2	96.3	51.4	48.6	44.0	56.0	19.3	80.7
North Tongu	42.7	96.0	89.5	96.8	68.5	31.5	58.1	41.9	19.4	80.6
Ho-West	61.5	96.9	96.9	96.9	62.5	37.5	38.5	61.5	20.3	79.7
Adaklu	46.4	92.9	96.4	92.9	33.9	66.1	23.2	76.8	12.5	87.5
Agortime Ziope	45.3	100.0	100.0	100.0	60.4	39.6	60.4	39.6	24.5	75.5
Ho	90.8	99.2	100.0	100.0	83.2	16.8	67.2	32.8	65.5	34.5
South Dayi	78.6	100.0	100.0	97.6	71.4	28.6	64.3	35.7	21.4	78.6
Afadzato South	64.6	100.0	100.0	100.0	60.8	39.2	57.0	43.0	13.9	86.1
North Dayi	70.2	100.0	100.0	100.0	53.2	46.8	61.7	38.3	27.7	72.3
Kpando	60.6	87.9	84.8	81.8	45.5	54.5	48.5	51.5	45.5	54.5
Hohoe	71.2	100.0	100.0	100.0	69.9	30.1	47.9	52.1	57.5	42.5
EASTERN	55.5	97.9	94.6	97.8	51.4	48.6	48.9	51.1	31.7	68.3
Birim South	74.2	96.8	100.0	93.5	35.5	64.5	67.7	32.3	27.4	72.6
Birim Central	55.6	100.0	100.0	100.0	55.6	44.4	66.7	33.3	38.9	61.1
Achiase	48.7	100.0	100.0	100.0	64.1	35.9	35.9	64.1	23.1	76.9
Asene Manso Akroso	56.4	100.0	100.0	100.0	43.6	56.4	56.4	43.6	13.6	86.4
West Akim	56.5	100.0	100.0	100.0	31.9	68.1	49.3	50.7	33.3	66.7
Upper West Akim	53.0	100.0	100.0	100.0	59.0	41.0	49.4	50.6	36.1	63.9
Ayensuano	60.6	100.0	100.0	100.0	43.6	56.4	75.5	24.5	22.9	77.1
Nsawam Adoagyiri	94.4	100.0	100.0	100.0	70.4	29.6	75.9	24.1	60.2	39.8
Akwapim South	78.0	100.0	100.0	100.0	68.3	31.7	63.4	36.6	56.1	43.9
Akwapim North	66.0	100.0	100.0	100.0	86.8	13.2	77.4	22.6	67.0	33.0

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Okere District	73.9	100.0	100.0	100.0	60.9	39.1	52.2	47.8	14.1	85.9
New Juaben South	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
New Juaben North	77.8	100.0	100.0	100.0	94.4	5.6	100.0	0.0	63.9	36.1
Suhum	59.1	100.0	100.0	100.0	59.1	40.9	80.6	19.4	42.5	57.5
Abuakwa North	57.7	100.0	100.0	100.0	92.3	7.7	96.2	3.8	46.2	53.8
Abuakwa South	58.5	100.0	100.0	100.0	73.2	26.8	61.0	39.0	47.6	52.4
Denkyembour	56.5	100.0	100.0	100.0	69.6	30.4	45.7	54.3	39.1	60.9
Akyemansa	57.9	100.0	100.0	100.0	28.9	71.1	42.1	57.9	12.5	87.5
Kwaebibirem	59.5	97.3	100.0	97.3	45.9	54.1	51.4	48.6	42.6	57.4
Birim North	62.9	98.4	100.0	100.0	61.3	38.7	61.3	38.7	19.4	80.6
Atiwa West	81.3	93.8	100.0	100.0	84.4	15.6	43.8	56.3	25.0	75.0
Atiwa East	62.9	100.0	100.0	100.0	45.7	54.3	42.9	57.1	38.6	61.4
Fanteakwa South	47.5	97.5	100.0	100.0	70.0	30.0	70.0	30.0	36.3	63.8
Yilo Krobo	59.5	100.0	100.0	100.0	66.4	33.6	52.6	47.4	40.5	59.5
Lower Manya Krobo	64.1	100.0	100.0	100.0	61.5	38.5	51.3	48.7	37.2	62.8
Asuogyaman	68.8	97.4	98.7	98.7	67.5	32.5	55.8	44.2	35.1	64.9
Upper Manya Krobo	31.0	100.0	100.0	100.0	41.1	58.9	26.8	73.2	36.6	63.4
Fanteakwa North	33.3	100.0	98.5	97.0	34.8	65.2	22.7	77.3	1.5	98.5
Kwahu South	61.8	98.2	98.2	98.2	32.7	67.3	30.9	69.1	16.4	83.6
Kwahu West	81.0	100.0	100.0	100.0	86.9	13.1	66.7	33.3	47.0	53.0
Kwahu East	56.9	94.1	98.0	96.1	49.0	51.0	27.5	72.5	11.8	88.2
Kwahu Afram Plains South	28.7	80.0	67.8	83.5	9.6	90.4	10.4	89.6	6.1	93.9
Kwahu Afram Plains North	16.4	95.1	44.3	86.9	7.4	92.6	5.7	94.3	13.5	86.5
ASHANTI	57.3	97.7	96.9	93.3	58.1	41.9	51.4	48.6	36.6	63.4
Amansie South	61.4	98.8	100.0	98.8	54.2	45.8	50.6	49.4	39.8	60.2
Amansie Central	33.6	99.3	100.0	100.0	34.3	65.7	47.8	52.2	25.0	75.0
Akrofuom	31.0	98.6	100.0	93.0	39.4	60.6	40.8	59.2	10.6	89.4
Adansi South	29.9	100.0	100.0	86.6	37.1	62.9	20.6	79.4	24.7	75.3
Adansi Asokwa	45.1	98.6	100.0	95.8	45.1	54.9	42.3	57.7	25.4	74.6
Obuasi East	95.8	100.0	100.0	100.0	75.0	25.0	100.0	0.0	100.0	0.0
Obuasi	91.7	100.0	100.0	100.0	91.7	8.3	97.2	2.8	88.9	11.1
Adansi North	70.0	100.0	100.0	100.0	76.7	23.3	86.7	13.3	46.7	53.3
Bekwai	76.7	100.0	100.0	100.0	65.6	34.4	71.1	28.9	50.6	49.4
Amansie West	71.7	98.3	100.0	98.3	90.0	10.0	65.0	35.0	24.2	75.8

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Atwima Kwanwoma	88.1	98.5	100.0	98.5	95.5	4.5	85.1	14.9	82.8	17.2
Bosomtwi	77.6	100.0	100.0	100.0	94.0	6.0	64.2	35.8	49.3	50.7
Bosome Freho	58.7	100.0	100.0	92.0	44.0	56.0	29.3	70.7	19.3	80.7
Asante Akim Central	53.3	100.0	96.7	100.0	86.7	13.3	50.0	50.0	63.3	36.7
Asante_Akim_South	64.9	100.0	100.0	98.5	70.7	29.3	47.3	52.7	10.2	89.8
Asante Akim North	43.1	90.2	80.4	82.4	21.6	78.4	5.9	94.1	9.8	90.2
Sekyere Kumawu	54.1	91.9	100.0	83.8	75.7	24.3	73.0	27.0	28.4	71.6
Sekyere East	62.2	94.6	100.0	100.0	45.9	54.1	29.7	70.3	40.5	59.5
Juaben	60.6	100.0	100.0	100.0	39.4	60.6	48.5	51.5	28.8	71.2
Ejisu	83.6	100.0	100.0	100.0	87.3	12.7	78.2	21.8	87.3	12.7
Oforikrom	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Asokwa	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
KMA	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Kwadaso	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Suame	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Old Tafo	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Asokore Mampong	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0
Kwabre East	97.6	100.0	100.0	100.0	100.0	0.0	100.0	0.0	84.1	15.9
Afigya Kwabre South	96.9	100.0	100.0	100.0	98.5	1.5	90.8	9.2	82.3	17.7
Atwima Nwabiagya North	69.0	100.0	100.0	95.2	71.4	28.6	73.8	26.2	51.2	48.8
Atwima Nwabiagya South	82.2	100.0	100.0	100.0	82.2	17.8	93.3	6.7	73.3	26.7
Atwima Mponua	44.6	99.4	99.4	91.5	31.6	68.4	15.3	84.7	13.6	86.4
Ahafo Ano South West	45.8	100.0	100.0	96.4	28.9	71.1	36.1	63.9	16.3	83.7
Ahafo Ano North	35.8	100.0	100.0	99.1	37.7	62.3	36.8	63.2	27.4	72.6
Ahafo Ano South East	38.5	100.0	100.0	95.4	36.9	63.1	30.8	69.2	28.5	71.5
Offinso North	37.1	95.2	95.2	83.9	30.6	69.4	22.6	77.4	10.5	89.5
Offinso	54.4	100.0	100.0	97.5	63.3	36.7	48.1	51.9	25.3	74.7
Afigya Kwabre North	46.5	97.7	100.0	97.7	88.4	11.6	81.4	18.6	15.1	84.9
Sekyere South	48.2	100.0	100.0	91.1	66.1	33.9	75.0	25.0	43.8	56.3
Mampong	63.5	95.9	98.6	98.6	67.6	32.4	54.1	45.9	45.9	54.1
Ejura Sekyedumase	25.3	94.9	83.5	73.4	25.3	74.7	22.8	77.2	13.3	86.7
Sekyere Central	37.1	86.6	71.1	67.0	38.1	61.9	30.9	69.1	12.4	87.6
Sekyere Afram Plains	13.6	68.2	59.1	45.5	15.2	84.8	7.6	92.4	0.0	100.0
WESTERN NORTH	32.9	98.4	98.2	96.7	39.4	60.6	38.7	61.3	24.5	75.5

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Aowin	21.1	95.2	94.7	91.9	32.5	67.5	23.9	76.1	14.8	85.2
Sefwi Akontombra	34.1	100.0	98.9	98.9	33.0	67.0	38.5	61.5	18.7	81.3
Suaman	18.0	100.0	96.0	100.0	28.0	72.0	30.0	70.0	16.0	84.0
Bodi	50.0	100.0	100.0	100.0	27.1	72.9	20.8	79.2	5.2	94.8
Sefwi Wiawso	40.3	100.0	100.0	96.6	42.9	57.1	44.5	55.5	43.3	56.7
Bibiani Anhwiaso Bekwai	69.1	100.0	100.0	98.9	61.7	38.3	55.3	44.7	51.1	48.9
Juaboso	46.2	100.0	98.7	98.7	51.3	48.7	44.9	55.1	30.1	69.9
Bia West	25.5	96.8	99.4	98.1	40.1	59.9	45.9	54.1	20.1	79.9
Bia East	13.7	100.0	98.9	95.8	35.8	64.2	44.2	55.8	18.9	81.1
AHAFO	29.7	97.9	99.8	95.5	43.4	56.6	40.0	60.0	21.3	78.7
Asunafo South	20.8	99.2	100.0	96.0	52.0	48.0	27.2	72.8	17.2	82.8
Asunafo North	25.6	98.1	99.4	91.7	39.7	60.3	42.3	57.7	25.3	74.7
Asutifi South	30.7	94.7	100.0	98.7	53.3	46.7	60.0	40.0	21.3	78.7
Asutifi North	34.2	98.7	100.0	97.4	26.3	73.7	39.5	60.5	13.8	86.2
Tano North	40.0	100.0	100.0	98.8	43.8	56.3	36.3	63.8	25.0	75.0
Tano South	38.3	95.0	100.0	93.3	43.3	56.7	41.7	58.3	24.2	75.8
BONO	51.1	93.1	93.3	91.5	47.4	52.6	44.4	55.6	29.3	70.7
Dormaa West	17.2	98.4	98.4	96.9	53.1	46.9	45.3	54.7	31.3	68.8
Dormaa	72.9	91.4	98.6	90.0	52.9	47.1	51.4	48.6	39.3	60.7
Dormaa East	24.5	92.5	92.5	100.0	20.8	79.2	15.1	84.9	15.1	84.9
Sunyani	65.1	98.8	100.0	100.0	60.2	39.8	55.4	44.6	49.4	50.6
Sunyani West	46.2	94.2	88.5	82.7	40.4	59.6	40.4	59.6	17.3	82.7
Berekum East	52.6	94.7	94.7	100.0	52.6	47.4	52.6	47.4	52.6	47.4
Berekum West	64.0	100.0	96.0	96.0	64.0	36.0	68.0	32.0	48.0	52.0
Jaman South	67.2	96.6	100.0	98.3	63.8	36.2	62.1	37.9	25.9	74.1
Jaman North	65.1	97.7	97.7	95.3	46.5	53.5	53.5	46.5	38.4	61.6
Tain	45.2	83.9	72.6	74.2	29.0	71.0	24.2	75.8	12.9	87.1
Wenchi	38.8	89.6	95.5	85.1	47.8	52.2	41.8	58.2	23.1	76.9
Banda	67.9	75.0	75.0	82.1	35.7	64.3	28.6	71.4	1.8	98.2
BONO EAST	33.5	83.7	66.2	70.4	28.2	71.8	23.9	76.1	17.0	83.0
Nkoranza South	47.7	98.5	95.4	86.2	36.9	63.1	29.2	70.8	24.6	75.4
Techiman	65.6	100.0	100.0	100.0	67.2	32.8	72.1	27.9	50.0	50.0

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Nkoranza North	48.3	81.0	74.1	79.3	46.6	53.4	37.9	62.1	34.5	65.5
Techiman North	42.3	98.1	100.0	84.6	63.5	36.5	44.2	55.8	33.7	66.3
Atebubu Amantin	31.7	82.9	61.0	52.4	18.3	81.7	13.4	86.6	5.5	94.5
Sene West	19.5	71.4	37.7	50.6	11.7	88.3	15.6	84.4	5.8	94.2
Sene East	6.9	77.1	38.2	60.3	15.3	84.7	4.6	95.4	9.2	90.8
Pru West	18.0	67.2	60.7	55.7	19.7	80.3	19.7	80.3	8.2	91.8
Pru East	29.0	66.1	40.3	59.7	25.8	74.2	24.2	75.8	16.1	83.9
Kintampo South	46.8	100.0	89.6	85.7	15.6	84.4	18.2	81.8	10.4	89.6
Kintampo North	46.6	86.2	70.7	81.0	20.7	79.3	15.5	84.5	8.6	91.4
OTI	29.6	93.6	78.7	78.8	24.6	75.4	19.0	81.0	10.9	89.1
Biakoye	44.3	92.9	85.7	80.0	38.6	61.4	30.0	70.0	22.1	77.9
Jasikan	34.0	100.0	96.0	96.0	32.0	68.0	48.0	52.0	9.0	91.0
Kadjebi	44.1	98.3	98.3	100.0	57.6	42.4	27.1	72.9	17.8	82.2
Krachi East	21.4	92.9	60.4	55.8	15.6	84.4	17.5	82.5	5.5	94.5
Krachi West	36.5	90.5	73.0	68.9	18.9	81.1	14.9	85.1	10.8	89.2
Krachi Nchumuru	19.8	90.7	75.6	79.1	11.6	88.4	15.1	84.9	9.9	90.1
Nkwanta South	26.2	92.5	86.0	88.8	14.0	86.0	7.5	92.5	8.9	91.1
Nkwanta North	15.3	93.2	71.2	84.7	27.1	72.9	11.9	88.1	6.8	93.2
Guan	51.6	100.0	100.0	100.0	45.2	54.8	12.9	87.1	21.0	79.0
NORTHERN	26.2	93.5	71.1	76.0	20.5	79.5	24.0	76.0	13.4	86.6
Kpandai	16.7	92.1	78.6	77.8	23.8	76.2	14.3	85.7	18.3	81.7
Nanumba South	12.7	99.2	66.9	85.6	22.0	78.0	8.5	91.5	6.8	93.2
Nanumba North	22.4	93.9	70.7	61.2	10.9	89.1	15.6	84.4	3.4	96.6
Zabzugu	11.7	96.1	67.5	74.0	6.5	93.5	23.4	76.6	10.4	89.6
Tatale	21.9	97.1	62.9	73.3	14.3	85.7	11.4	88.6	13.3	86.7
Saboba	16.3	96.3	76.3	83.1	26.9	73.1	8.8	91.3	1.9	98.1
Yendi	31.4	97.5	75.4	78.8	5.9	94.1	22.9	77.1	8.1	91.9
Mion	8.1	87.4	52.3	56.8	5.4	94.6	7.2	92.8	5.0	95.0
Nanton	37.5	92.9	73.2	87.5	16.1	83.9	26.8	73.2	8.0	92.0
Tamale	80.4	100.0	97.8	96.7	57.6	42.4	75.0	25.0	55.4	44.6
Sagnerigu	86.4	100.0	95.5	100.0	69.7	30.3	98.5	1.5	65.2	34.8
Tolon	25.0	96.4	88.1	95.2	27.4	72.6	40.5	59.5	26.8	73.2
Kumbungu	39.8	98.1	92.2	92.2	35.0	65.0	40.8	59.2	17.0	83.0

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Savelugu	38.7	91.9	79.0	77.4	27.4	72.6	32.3	67.7	8.1	91.9
Karaga	11.5	89.4	59.6	51.9	4.8	95.2	10.6	89.4	2.4	97.6
Gushiegu	14.4	80.2	41.2	59.4	8.0	92.0	13.9	86.1	4.5	95.5
SAVANNAH	17.1	81.9	55.5	60.9	13.0	87.0	8.7	91.3	6.5	93.5
Bole	35.1	77.9	74.0	66.2	13.0	87.0	15.6	84.4	9.1	90.9
Sawla-Tuna-Kalba	13.7	93.8	67.1	70.5	10.3	89.7	15.8	84.2	6.8	93.2
North Gonja	14.6	90.2	43.9	63.4	17.1	82.9	0.0	100.0	2.4	97.6
West Gonja	20.0	83.3	63.3	76.7	23.3	76.7	20.0	80.0	10.0	90.0
Central Gonja	12.6	67.4	35.6	45.9	12.6	87.4	5.2	94.8	4.8	95.2
East Gonja	12.6	81.9	48.0	58.3	18.1	81.9	2.4	97.6	7.9	92.1
North East Gonja	22.6	84.9	69.8	60.4	0.0	100.0	3.8	96.2	3.8	96.2
NORTH EAST	24.9	96.8	80.0	87.4	27.6	72.4	16.2	83.8	13.0	87.0
Mamprugu Moagduri	32.1	100.0	80.4	78.6	5.4	94.6	1.8	98.2	12.5	87.5
West Mamprusi	50.0	93.8	81.3	77.5	28.8	71.3	31.3	68.8	6.3	93.8
East Mamprusi	22.6	95.7	80.0	91.3	22.6	77.4	9.6	90.4	4.8	95.2
Bunkpurugu Nakpanduri	15.6	100.0	98.9	100.0	46.7	53.3	36.7	63.3	35.0	65.0
Yunyoo Nasuan	9.4	100.0	69.8	92.5	33.0	67.0	7.5	92.5	10.4	89.6
Chereponi	27.8	92.6	73.1	79.6	22.2	77.8	11.1	88.9	11.1	88.9
UPPER EAST	42.5	99.0	99.6	99.2	54.8	45.2	49.7	50.3	30.1	69.9
Builsa South	41.3	95.2	100.0	87.3	22.2	77.8	22.2	77.8	7.1	92.9
Builsa North	42.6	100.0	99.2	100.0	66.4	33.6	41.0	59.0	6.1	93.9
Kasena Nankana	34.6	98.8	100.0	100.0	59.3	40.7	67.9	32.1	47.5	52.5
Kassena Nankana West	42.6	97.7	100.0	100.0	70.5	29.5	58.9	41.1	60.5	39.5
Bolgatanga	69.8	100.0	100.0	100.0	83.7	16.3	40.7	59.3	34.3	65.7
Talensi	67.9	98.8	98.8	98.8	60.5	39.5	35.8	64.2	13.6	86.4
Bolgatanga East	87.1	100.0	100.0	100.0	90.3	9.7	58.1	41.9	77.4	22.6
Bongo	54.2	100.0	100.0	100.0	58.9	41.1	52.3	47.7	35.5	64.5
Nabdam	67.3	100.0	100.0	100.0	69.1	30.9	63.6	36.4	29.1	70.9
Bawku West	28.8	98.6	100.0	100.0	45.3	54.7	51.8	48.2	33.8	66.2
Binduri	30.8	99.1	98.1	98.1	66.4	33.6	57.9	42.1	34.6	65.4
Bawku	41.4	100.0	100.0	100.0	48.6	51.4	52.9	47.1	47.9	52.1
Garu	32.2	97.7	98.9	100.0	23.0	77.0	25.3	74.7	16.7	83.3

Districts	Pre-Primary	Primary	JHS	Healthcare	Police Station		Commercial Banks		Micro Finance	
	≤1 km	≤ 3 km	≤ 5 km	≤ 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km	≤ 5 km	> 5 km
Tempene	21.7	100.0	100.0	100.0	31.1	68.9	60.4	39.6	5.7	94.3
Pusiga	24.3	100.0	100.0	100.0	37.8	62.2	54.1	45.9	23.6	76.4
UPPER WEST	48.1	96.3	95.0	95.8	28.2	71.8	29.5	70.5	13.0	87.0
Wa West	31.2	97.9	100.0	97.9	15.6	84.4	29.8	70.2	9.6	90.4
Wa East	38.5	89.0	80.2	83.5	13.2	86.8	11.0	89.0	0.5	99.5
Wa	75.0	100.0	100.0	100.0	48.5	51.5	60.3	39.7	51.5	48.5
Nadowli-Kaleo	52.3	97.7	93.0	100.0	22.1	77.9	20.9	79.1	14.0	86.0
Daffiama Bussie	47.1	88.2	79.4	91.2	11.8	88.2	23.5	76.5	10.3	89.7
Sissala East	45.3	88.7	86.8	84.9	11.3	88.7	5.7	94.3	9.4	90.6
Sissala West	56.3	97.9	97.9	95.8	20.8	79.2	16.7	83.3	5.2	94.8
Jirapa	46.6	96.6	96.6	95.8	27.1	72.9	22.0	78.0	8.1	91.9
Lawra	58.8	99.0	100.0	100.0	51.5	48.5	40.2	59.8	9.3	90.7
Lambussie-Karni	38.6	100.0	100.0	100.0	42.1	57.9	42.1	57.9	5.3	94.7
Nandom	56.1	98.5	100.0	100.0	45.5	54.5	51.5	48.5	28.0	72.0

* Police stations and financial facilities, blue coloured text is the least and the red the worst

5.4. Percent Distribution of Inter-Districts Underserved with Facilities Providing Essential Services

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Ghana	51.2	3.7	9.0	8.6
Urban	1.5	0.0	0.1	0.2
Rural	55.8	4.1	9.8	9.3
WESTERN	43.4	2.6	1.9	2.6
Jomoro	44.3	11.3	11.3	3.1
Ellembelle	39.1	3.4	0.0	8.0
Nzema East	43.1	1.4	4.2	9.7
Ahanta West	16.7	0.0	0.0	0.0
Effia-Kwesimintsim	0.0	0.0	0.0	0.0
STMA	3.9	0.0	0.0	0.0
Shama	8.9	0.0	0.0	0.0
Wassa East	48.1	2.9	0.0	1.0
Mpohor	53.1	6.3	0.0	0.0
Tarkwa Nsuaem	33.3	6.7	1.3	4.0
Prestea Huni Valley	52.1	2.8	2.1	4.9
Wassa Amenfi East	61.9	0.0	0.0	0.0
Wassa Amenfi Central	65.3	0.0	1.0	0.0
Wassa Amenfi West	50.7	0.0	2.8	1.4
CENTRAL	26.5	0.1	0.0	1.1
Komenda Edina Eguafo Abirem	8.4	0.0	0.0	1.2
CCM	0.0	0.0	0.0	0.0
Abura Asebu Kwamankese	12.9	0.0	0.0	0.0
Mfantsiman	16.7	0.0	0.0	0.0
Ekumfi	14.6	0.0	0.0	0.0
Gomoa West	9.9	0.0	0.0	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Effutu	0.0	0.0	0.0	0.0
Gomoa Central	3.0	0.0	0.0	0.0
Gomoa East	9.8	0.0	0.0	0.0
Awutu Senya East	0.0	0.0	0.0	0.0
Awutu Senya	21.0	0.0	0.0	0.0
Agona East	20.8	0.0	0.0	0.0
Agona West	46.5	0.0	0.0	0.0
Asikuma-Odoben-Brakwa	48.1	0.0	0.0	0.9
Ajumako-Enyan-Esiam	32.6	1.1	0.0	0.0
Assin South	32.4	0.0	0.0	5.6
Twifo Heman Lower Denkyira	36.1	0.0	0.0	0.0
Twifo Ati Morkwa	44.3	0.0	0.0	2.3
Assin Fosu	38.2	0.0	0.0	2.9
Assin North	59.5	0.0	0.0	2.7
Upper Denkyira East	45.1	0.0	0.0	0.0
Upper Denkyira West	38.5	0.0	0.0	3.8
GREATER ACCRA	13.2	0.1	0.0	1.0
Ga South	25.8	0.0	0.0	0.0
Weija Gbawe	7.1	0.0	0.0	0.0
Ga Central	0.0	0.0	0.0	0.0
Ablekuma North	0.0	0.0	0.0	0.0
Ablekuma West	0.0	0.0	0.0	0.0
Ablekuma Central	0.0	0.0	0.0	0.0
AMA	0.0	0.0	0.0	0.0
Korle Klottey	0.0	0.0	0.0	0.0
Ayawaso Central	0.0	0.0	0.0	0.0
Ayawaso East	0.0	0.0	0.0	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Ayawaso North	0.0	0.0	0.0	0.0
La Dadekotopon	0.0	0.0	0.0	0.0
Ledzokuku	0.0	0.0	0.0	0.0
Krowor	0.0	0.0	0.0	0.0
Adentan	0.0	0.0	0.0	0.0
Ayawaso West	0.0	0.0	0.0	0.0
Okaikoi North	0.0	0.0	0.0	0.0
Ga North	0.0	0.0	0.0	0.0
Ga West	1.5	0.0	0.0	0.0
Ga East	0.0	0.0	0.0	0.0
La Nkwantanang -Madina	0.0	0.0	0.0	0.0
Kpone Katamanso	3.8	0.0	0.0	0.0
Ashaiman	0.0	0.0	0.0	0.0
Tema West	0.0	0.0	0.0	0.0
TMA	0.0	0.0	0.0	0.0
Ningo Prampram	19.6	0.0	0.0	0.0
Shai Osudoku	28.6	1.4	0.0	2.9
Ada West	30.4	0.0	0.0	13.0
Ada East	34.8	0.0	0.0	0.0
VOLTA	38.3	1.4	1.9	2.0
South Tongu	40.9	0.0	0.0	0.0
Anloga	38.1	0.0	0.0	2.4
Keta	40.6	0.0	0.0	3.1
Ketu South	16.7	0.0	0.0	0.0
Ketu North	43.1	0.0	0.0	0.0
Akatsi North	52.3	0.0	0.0	9.1
Akatsi South	49.5	1.0	0.0	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Central Tongu	51.4	0.9	2.8	3.7
North Tongu	57.3	4.0	10.5	3.2
Ho-West	38.5	3.1	3.1	3.1
Adaklu	53.6	7.1	3.6	7.1
Agortime Ziope	54.7	0.0	0.0	0.0
Ho	9.2	0.8	0.0	0.0
South Dayi	21.4	0.0	0.0	2.4
Afadzato South	35.4	0.0	0.0	0.0
North Dayi	29.8	0.0	0.0	0.0
Kpando	39.4	12.1	15.2	18.2
Hohoe	28.8	0.0	0.0	0.0
EASTERN	44.5	2.1	5.4	2.2
Birim South	25.8	3.2	0.0	6.5
Birim Central	44.4	0.0	0.0	0.0
Achiase	51.3	0.0	0.0	0.0
Asene Manso Akroso	43.6	0.0	0.0	0.0
West Akim	43.5	0.0	0.0	0.0
Upper West Akim	47.0	0.0	0.0	0.0
Ayensuano	39.4	0.0	0.0	0.0
Nsawam Adoagyiri	5.6	0.0	0.0	0.0
Akwapim South	22.0	0.0	0.0	0.0
Akwapim North	34.0	0.0	0.0	0.0
Okere District	26.1	0.0	0.0	0.0
New Juaben South	0.0	0.0	0.0	0.0
New Juaben North	22.2	0.0	0.0	0.0
Suhum	40.9	0.0	0.0	0.0
Abuakwa North	42.3	0.0	0.0	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Abuakwa South	41.5	0.0	0.0	0.0
Denkyembour	43.5	0.0	0.0	0.0
Akyemansa	42.1	0.0	0.0	0.0
Kwaebibirem	40.5	2.7	0.0	2.7
Birim North	37.1	1.6	0.0	0.0
Atiwa West	18.8	6.3	0.0	0.0
Atiwa East	37.1	0.0	0.0	0.0
Fanteakwa South	52.5	2.5	0.0	0.0
Yilo Krobo	40.5	0.0	0.0	0.0
Lower Manya Krobo	35.9	0.0	0.0	0.0
Asuogyaman	31.2	2.6	1.3	1.3
Upper Manya Krobo	69.0	0.0	0.0	0.0
Fanteakwa North	66.7	0.0	1.5	3.0
Kwahu South	38.2	1.8	1.8	1.8
Kwahu West	19.0	0.0	0.0	0.0
Kwahu East	43.1	5.9	2.0	3.9
Kwahu Afram Plains South	71.3	20.0	32.2	16.5
Kwahu Afram Plains North	83.6	4.9	55.7	13.1
ASHANTI	42.7	2.3	3.1	6.7
Amansie South	38.6	1.2	0.0	1.2
Amansie Central	66.4	0.7	0.0	0.0
Akrofuom	69.0	1.4	0.0	7.0
Adansi South	70.1	0.0	0.0	13.4
Adansi Asokwa	54.9	1.4	0.0	4.2
Obuasi East	4.2	0.0	0.0	0.0
Obuasi	8.3	0.0	0.0	0.0
Adansi North	30.0	0.0	0.0	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Bekwai	23.3	0.0	0.0	0.0
Amansie West	28.3	1.7	0.0	1.7
Atwima Kwanwoma	11.9	1.5	0.0	1.5
Bosomtwi	22.4	0.0	0.0	0.0
Bosome Freho	41.3	0.0	0.0	8.0
Asante Akim Central	46.7	0.0	3.3	0.0
Asante_Akim_South	35.1	0.0	0.0	1.5
Asante Akim North	56.9	9.8	19.6	17.6
Sekyere Kumawu	45.9	8.1	0.0	16.2
Sekyere East	37.8	5.4	0.0	0.0
Juaben	39.4	0.0	0.0	0.0
Ejisu	16.4	0.0	0.0	0.0
Oforikrom	0.0	0.0	0.0	0.0
Asokwa	0.0	0.0	0.0	0.0
KMA	0.0	0.0	0.0	0.0
Kwadaso	0.0	0.0	0.0	0.0
Suame	0.0	0.0	0.0	0.0
Old Tafo	0.0	0.0	0.0	0.0
Asokore Mampong	0.0	0.0	0.0	0.0
Kwabre East	2.4	0.0	0.0	0.0
Afigya Kwabre South	3.1	0.0	0.0	0.0
Atwima Nwabiagya North	31.0	0.0	0.0	4.8
Atwima Nwabiagya South	17.8	0.0	0.0	0.0
Atwima Mponua	55.4	0.6	0.6	8.5
Ahafo Ano South West	54.2	0.0	0.0	3.6
Ahafo Ano North	64.2	0.0	0.0	0.9
Ahafo Ano South East	61.5	0.0	0.0	4.6
Offinso North	62.9	4.8	4.8	16.1

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Offinso	45.6	0.0	0.0	2.5
Afigya Kwabre North	53.5	2.3	0.0	2.3
Sekyere South	51.8	0.0	0.0	8.9
Mampong	36.5	4.1	1.4	1.4
Ejura Sekyedumase	74.7	5.1	16.5	26.6
Sekyere Central	62.9	13.4	28.9	33.0
Sekyere Afram Plains	86.4	31.8	40.9	54.5
WESTERN NORTH	67.1	1.6	1.8	3.3
Aowin	78.9	4.8	5.3	8.1
Sefwi Akontombra	65.9	0.0	1.1	1.1
Suaman	82.0	0.0	4.0	0.0
Bodi	50.0	0.0	0.0	0.0
Sefwi Wiawso	59.7	0.0	0.0	3.4
Bibiani Anhwiaso Bekwai	30.9	0.0	0.0	1.1
Juaboso	53.8	0.0	1.3	1.3
Bia West	74.5	3.2	0.6	1.9
Bia East	86.3	0.0	1.1	4.2
AHAFO	70.3	2.1	0.2	4.5
Asunafo South	79.2	0.8	0.0	4.0
Asunafo North	74.4	1.9	0.6	8.3
Asutifi South	69.3	5.3	0.0	1.3
Asutifi North	65.8	1.3	0.0	2.6
Tano North	60.0	0.0	0.0	1.3
Tano South	61.7	5.0	0.0	6.7
BONO	48.9	6.9	6.7	8.5
Dormaa West	82.8	1.6	1.6	3.1

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Dormaa	27.1	8.6	1.4	10.0
Dormaa East	75.5	7.5	7.5	0.0
Sunyani	34.9	1.2	0.0	0.0
Sunyani West	53.8	5.8	11.5	17.3
Berekum East	47.4	5.3	5.3	0.0
Berekum West	36.0	0.0	4.0	4.0
Jaman South	32.8	3.4	0.0	1.7
Jaman North	34.9	2.3	2.3	4.7
Tain	54.8	16.1	27.4	25.8
Wenchi	61.2	10.4	4.5	14.9
Banda	32.1	25.0	25.0	17.9
BONO EAST	66.5	16.3	33.8	29.6
Nkoranza South	52.3	1.5	4.6	13.8
Techiman	34.4	0.0	0.0	0.0
Nkoranza North	51.7	19.0	25.9	20.7
Techiman North	57.7	1.9	0.0	15.4
Atebubu Amantin	68.3	17.1	39.0	47.6
Sene West	80.5	28.6	62.3	49.4
Sene East	93.1	22.9	61.8	39.7
Pru West	82.0	32.8	39.3	44.3
Pru East	71.0	33.9	59.7	40.3
Kintampo South	53.2	0.0	10.4	14.3
Kintampo North	53.4	13.8	29.3	19.0
OTI	70.4	6.4	21.3	21.2
Biakoye	55.7	7.1	14.3	20.0
Jasikan	66.0	0.0	4.0	4.0
Kadjebi	55.9	1.7	1.7	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Krachi East	78.6	7.1	39.6	44.2
Krachi West	63.5	9.5	27.0	31.1
Krachi Nchumuru	80.2	9.3	24.4	20.9
Nkwanta South	73.8	7.5	14.0	11.2
Nkwanta North	84.7	6.8	28.8	15.3
Guan	48.4	0.0	0.0	0.0
NORTHERN	73.8	6.5	28.9	24.0
Kpandai	83.3	7.9	21.4	22.2
Nanumba South	87.3	0.8	33.1	14.4
Nanumba North	77.6	6.1	29.3	38.8
Zabzugu	88.3	3.9	32.5	26.0
Tatale	78.1	2.9	37.1	26.7
Saboba	83.8	3.8	23.8	16.9
Yendi	68.6	2.5	24.6	21.2
Mion	91.9	12.6	47.7	43.2
Nanton	62.5	7.1	26.8	12.5
Tamale	19.6	0.0	2.2	3.3
Sagnerigu	13.6	0.0	4.5	0.0
Tolon	75.0	3.6	11.9	4.8
Kumbungu	60.2	1.9	7.8	7.8
Savelugu	61.3	8.1	21.0	22.6
Karaga	88.5	10.6	40.4	48.1
Gushiegu	85.6	19.8	58.8	40.6
SAVANNAH	82.9	18.1	44.5	39.1
Bole	64.9	22.1	26.0	33.8
Sawla-Tuna-Kalba	86.3	6.2	32.9	29.5

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
North Gonja	85.4	9.8	56.1	36.6
West Gonja	80.0	16.7	36.7	23.3
Central Gonja	87.4	32.6	64.4	54.1
East Gonja	87.4	18.1	52.0	41.7
North East Gonja	77.4	15.1	30.2	39.6
NORTH EAST	75.1	3.2	20.0	12.6
Mamprugu Moagduri	67.9	0.0	19.6	21.4
West Mamprusi	50.0	6.3	18.8	22.5
East Mamprusi	77.4	4.3	20.0	8.7
Bunkpurugu Nakpanduri	84.4	0.0	1.1	0.0
Yunyoo Nasuan	90.6	0.0	30.2	7.5
Chereponi	72.2	7.4	26.9	20.4
UPPER EAST	57.5	1.0	0.4	0.8
Builsa South	58.7	4.8	0.0	12.7
Builsa North	57.4	0.0	0.8	0.0
Kasena Nankana	65.4	1.2	0.0	0.0
Kassena Nankana West	57.4	2.3	0.0	0.0
Bolgatanga	30.2	0.0	0.0	0.0
Talensi	32.1	1.2	1.2	1.2
Bolgatanga East	12.9	0.0	0.0	0.0
Bongo	45.8	0.0	0.0	0.0
Nabdam	32.7	0.0	0.0	0.0
Bawku West	71.2	1.4	0.0	0.0
Binduri	69.2	0.9	1.9	1.9
Bawku	58.6	0.0	0.0	0.0
Garu	67.8	2.3	1.1	0.0

Administrative Units	Pre-primary	Primary	JHS	Healthcare
	> 1 km	> 3 km	> 5 km	> 5 km
Tempane	78.3	0.0	0.0	0.0
Pusiga	75.7	0.0	0.0	0.0
UPPER WEST	51.9	3.7	5.0	4.2
Wa West	68.8	2.1	0.0	2.1
Wa East	61.5	11.0	19.8	16.5
Wa	25.0	0.0	0.0	0.0
Nadowli-Kaleo	47.7	2.3	7.0	0.0
Daffiama Bussie	52.9	11.8	20.6	8.8
Sissala East	54.7	11.3	13.2	15.1
Sissala West	43.8	2.1	2.1	4.2
Jirapa	53.4	3.4	3.4	4.2
Lawra	41.2	1.0	0.0	0.0
Lambussie-Karni	61.4	0.0	0.0	0.0
Nandom	43.9	1.5	0.0	0.0

* Police stations and financial facilities, blue coloured text is the least and the red the worst

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