



YOU COUNT, GET COUNTED

GHANA 2021 POPULATION AND HOUSING CENSUS

GENERAL REPORT VOLUME 3C

BACKGROUND CHARACTERISTICS

Nationality

Marital Status

Religion

Place of birth

Ethnicity

Health insurance



The AFRICA We Want



**THE COORDINATED PROGRAMME OF ECONOMIC AND
SOCIAL DEVELOPMENT POLICIES 2017-2024**

**AN AGENDA FOR JOBS: CREATING PROSPERITY
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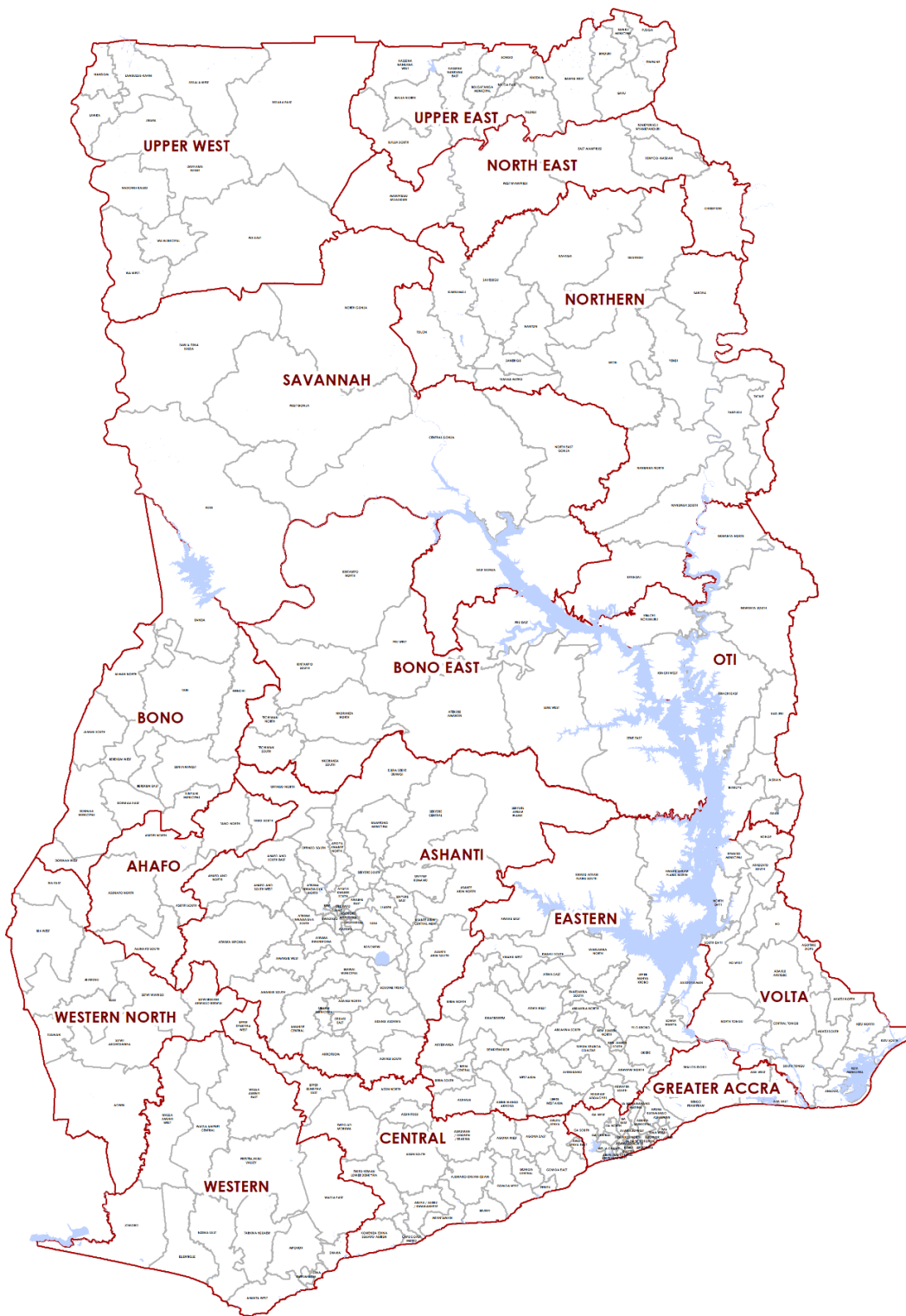
**TRANSFORMING OUR WORLD
THE 2030 AGENDA FOR SUSTAINABLE
DEVELOPMENT**

GHANA 2021 POPULATION AND HOUSING CENSUS

**GENERAL REPORT
VOLUME 3C**

**GHANA STATISTICAL SERVICE
NOVEMBER 2021**

ADMINISTRATIVE MAP OF GHANA



2021 POPULATION AND HOUSING CENSUS PUBLICATIONS

Volume 1	Preliminary Report
Volume 2	Residential Proximity to Essential Service Facilities Report
Volume 3A	Population of Regions and Districts
Volume 3B	Age and Sex Composition
Volume 3C	Background Characteristics
Volume 3D	Literacy and Education
Volume 3E	Economic Activities
Volume 3F	Difficulties in Performing Activities
Volume 3G	Information and Communication Technology
Volume 3H	Fertility and Mortality
Volume 3K	Housing Characteristics
Volume 3M	Sanitation and Water
Volume 3N	Structures
Volume 4	Thematic Reports
Volume 5	Analytical Reports
Volume 6	Census Atlas

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; Agenda 2063: The Africa We Want; and Transforming Our World: the 2030 Agenda for Sustainable Development.

The slogan for the 2021 PHC, “You Count, Get Counted”, was crafted to communicate the inclusiveness of the census undertaking which ensured that all persons were counted during the enumeration period. The census is the only data collection exercise that gives every person in a country an opportunity to be included in the national profile and have their characteristics recorded. The different segments of the population have unique needs based on their characteristics thus making it imperative to have data at all levels and on their dimensions to allow for segmentation during planning.

Volume 3C: Background Characteristics contain disaggregated data by sex, region, and type of locality (urban/rural) for the following characteristics of the population: nationality; emigration status; place of birth; marital status; ethnicity; religious affiliation; and health insurance coverage. Unique to the 2021 PHC, the background characteristics section of the questionnaire benefitted from the addition of the last characteristic as part of efforts to ensure that the Census equips decision makers with the needed information to identify vulnerable groups.

This publication provides Government Ministries, Departments, and Agencies (MDAs); Metropolitan, Municipal and District Assemblies (MMDAs); development partners, civil society organisations (CSOs), private sector, researchers, and the public with data for evidence-based decision making.

Background characteristics provide information on acquired and non-acquired identity which invariably underscores behavioural patterns and expectations. This offers policymakers and other decision makers an opportunity for proper targeting of interventions. The Sustainable Development Goals' aim to “leave no one behind” requires that data are provided for every segment of the population including hard-to-reach and small areas, population groups at-risk and vulnerable groups. As such, the data on the background characteristics and on the geographic distribution of the subgroups in this report provide a depth of data to inform delivery of goods and services to the right people and places.

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Ghana Statistical Service (GSS) takes this opportunity 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.

We are indeed grateful to the Ministry of Finance, Ministry of Education, Ghana Education Service (GES), 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 Airports Company Limited, Ghana Fire Service, Ghana Prisons Service, Ministry of Health, Ghana Health Service, Ministry of Foreign Affairs and Regional Integration, National Commission for Civic Education (NCCE), Electoral Commission (EC), 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 that provided the needed support to enable the GSS execute this essential national exercise.

We are also indebted to our partners and collaborators, notably, the United Nations Population Fund (UNFPA), World Bank, European Union (EU), International Organisation for Migration (IOM), United Nations Development Programme (UNDP), United Nations Economic Commission for Africa (UNECA), United Kingdom Office for National Statistics (ONS), Statistics Denmark, Geo-Referenced Infrastructure and Demographic Data for Development (GRID3), Jospong Group of Companies, IPMC Ghana, telecommunication companies, CalBank, Windy Lodge Beach Resort, and tertiary institutions for their technical, logistic, financial support, publicity, education, and advocacy campaigns that led to the effective and efficient management of the census processes.

GSS also appreciates the contributions of the general public, the media, all Census officials and field officers for ensuring a successful enumeration.

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ABBREVIATIONS AND ACRONYMS

CAPI	Computer-Assisted Personal Interview
CCT	Census Coordinating Team
CSOs	Civil society organisations
CSPro	Census and Survey Processing System
CTA	Chief Technical Advisor
DCICs	District Census Implementation Committees
DCOs	District Census Officers
DDQM	District Data Quality Monitor
DFSs	District Field Supervisors
DPs	Development partners
DQMTs	Data Quality Management Teams
EAs	Enumeration Areas
EBRP	Enumerator Bureau Recruitment Portal
EC	Electoral Commission
EU	European Union
GCA	Ghana Census of Agriculture
GES	Ghana Education Service
GHS	Ghana Health Service
GoG	Government of Ghana
GRID ³	Geo-Referenced Infrastructure and Demographic Data for Development
GSS	Ghana Statistical Service
HQ	Headquarters
IOM	International Organisation for Migration
IT	Information Technology
MDAs	Ministries, Departments, and Agencies
MMDAs	Metropolitan, Municipal and District Assemblies
NCCE	National Commission for Civic Education
NDQMT	National Data Quality Management Team
NGOs	Non-Governmental Organisations
NIA	National Identification Authority
NPEAC	National Publicity, Education and Advocacy Committee
NTAC	National Technical Advisory Committee
ONS	United Kingdom Office for National Statistics
PEA	Publicity, Education and Advocacy
PES	Post-Enumeration Survey
PHC	Population and Housing Census
PPEs	Personal Protective Equipment
RCICs	Regional Census Implementation Committees
RDQMT	Regional Data Quality Management Team
RFs	Regional Field Supervisors
SA	Supervisory Area
SDGs	Sustainable Development Goals
UNDP	United Nations Development Programme

UNECA
UNFPA
WAEC
ZFCs

United Nations Economic Commission for Africa
United Nations Population Fund
West African Examinations Council
Zonal Field Coordinators

1. OVERVIEW OF 2021 POPULATION AND HOUSING CENSUS

1.1. Introduction

Population census is the complete enumeration of all persons in a country at a specified time. It involves the collection, compilation and dissemination of demographic, social and economic statistics relating to the population. The complementary housing census is the complete enumeration of all living quarters (both occupied and vacant) in a country at a specified time. It also involves collection, compilation, and dissemination of statistical data on living quarters and occupants. Ghana has been conducting censuses since 1891 but Population and Housing censuses since 2000. In total, twelve population censuses have been conducted in the country — six during the pre-independence era and the other six in the post-independence era. The 2021 PHC is the 12th census and the first fully digital census (E-Census) conducted in the country.

The 2021 PHC was a count of all persons present in Ghana on the Census Night (27th June, 2021), irrespective of their nationality. It also involved counting all living quarters in the country. The Census operations focused on strategic areas to ensure that everyone is counted, enumerated once, and at the right place. These were anchored on five main strategic pillars: deployment of ICT solutions to drive the entire census process; use of geo-spatial data; decentralised data flow, management and analysis; integrated and enhanced field operations; and enhanced use of census processes and outcomes, notably census data.

The Census was designed and implemented to provide reliable and accurate data for evidence-based decision making, to support the implementation and tracking of progress and achievement of national agenda (e.g., The Coordinated Programme of Economic and Social Development Policies (2017-2024), Ghana Centennial Development Plan, NDPC Agenda 2057); continental (e.g., Agenda 2063) and global development agenda (e.g., the Sustainable Development Goals [SDGs]).

As a country, the Population and Housing Census provides information on who we are, how many we are, and where and how we are living. This information is essential for national development as the size, composition and characteristics of the population are useful for planning by all Ministries, Departments and Agencies (MDAs) and the private sector. The results will form the basis for the estimation and projection of needs in all sectors of the economy.

This report focuses on the regions and districts, which constitute the units of administration and planning in the country. It presents data on the population of administrative units, age and sex structure and the background characteristics of the population.

1.2. History of Census Taking in Ghana

The history of official census taking in Ghana dates back to 1891 when the first census was conducted by the colonial administration. The census recorded a total population

of 764,613. Since then, censuses have been held every 10 years in accordance with the United Nations recommendations. The expectation is that the decennial interval is an appropriate period to determine a change in a country's population structure, composition and socio-economic arrangements. However, the decennial interval was distorted in 1941, 1980, 1990 and 2020. The Second World War which occurred between 1939 and 1945 was the reason the census was not conducted in 1941. After the war, the census was conducted in 1948. In the late 1970s and early 1980s the country was hit with economic challenges and political instability that did not make it possible for a census to be conducted in 1980 but instead in 1984. Having taken a census in 1984, the next census could not have been held in 1990, as the time was too short to plan the Census, nor could the ten-year interval be maintained in 1994. More recently, due to the emergence of COVID-19, the Census that had been planned for 2020 had to be conducted in 2021 and a total population of 30,832,019 was recorded (Table 1.1).

TABLE 1.1: GHANA'S POPULATION IN CENSUS YEARS

Pre-independence		Post-independence	
Year	Count	Year	Count
1891	764,613	1960	6,726,815
1901	1,549,661	1970	8,559,313
1911	1,503,911	1984	12,296,081
1921	2,296,400	2000	18,912,079
1931	3,160,386	2010	24,658,823
1948	4,118,459	2021	30,832,019

1.3. Objectives of 2021 PHC

Generally, censuses provide for comparing and projecting demographic data, social and economic characteristics, as well as household and housing conditions at all levels of the country's administrative units and dimensions: national, regional, districts and localities.

The Ghana 2021 PHC had an overarching goal of generating updated demographic, social and economic data, housing characteristics and dwelling conditions to support national development planning activities. This was reinforced by eight specific objectives, which are to:

- a) Generate data on population and housing to determine, analyse and assess the population structure and the demographic, social, economic and housing characteristics of the population;
- b) Identify and analyse the availability, ownership and accessibility to ICT and ICT devices by the population, and how ICT is used by the different cohorts within the population;
- c) Collect and analyse the sanitation characteristics and conditions in households, localities, districts and regions in the country;
- d) Generate data on economic activities to determine the population in employment and multidimensional poverty;

- e) Identify the population that have difficulties in performing activities due to disability;
- f) Develop sampling frame on population and housing to serve as a basis for intercensal and other surveys;
- g) Track the implementation of national, continental and global goals including the Coordinated Programme of Economic and Social Development Policies, 2017-2024; An Agenda for Jobs: Creating Prosperity and Equal Opportunity for All; Agenda 2063: The Africa We Want; and Transforming Our World: The 2030 Agenda for Sustainable Development; and
- h) Generate and develop datasets as bases for detailed and specific researches that contribute to context-specific planning and decision making.

The intended outcomes of the 2021 PHC were to make available these datasets and information for four broad categories of users: the government, global development partners, private sector, and academics/analysts. The government is the primary and utmost user of the 2021 PHC data. The central government, policy-makers and local governments need the data to plan for the socio-economic development of the country in diverse areas including education, health, housing, and other social services for different groups of persons such as the vulnerable, marginalised as well as those with special needs. Beyond the government, results from the PHC will provide corporate Ghana, development partners and the private sector with the required data and information to facilitate innovative interventions, programmes and activities to contribute to the infrastructural and socio-economic development of the country. Furthermore, the data would serve as the base for present and future modelling of the country's development framework.

1.4. Legal Framework

The 2021 PHC, derived its legal authority from the Statistical Service Act, 2019 (Act 1003), which stipulates inter alia, that the Service shall conduct a census of population every ten years in the month of March¹. The Act, therefore, empowered the Government Statistician to conduct the 2021 PHC. All the census activities, namely collection, compilation and dissemination of demographic, social and economic statistics relating to the population derived their legal basis from Act 1003.

In pursuance of the dictates of the Statistical Service Act, 2019, all the field officers were educated about the responsibility of the public to provide information, and they in turn, to collect the information accordingly; as well as the relevance of adhering to the principles and dictates of the Statistical Service Act. The field officers were trained about how to execute their mandate before, during and after the 2021 PHC within the legal framework. One of the fundamental principles which informed the 2021 PHC operations and activities is the ethic of confidentiality. The knowledge that the disclosure without lawful authorisation of information obtained in the 2021 PHC is an offence liable for a fine

¹ The Census could not be organised in March 2020 because of the COVID-19 situation in the country.

or a term of imprisonment or both, as stipulated in the Statistical Service Act, ensured confidentiality at all levels. In keeping with the ethical principle, enumerators verbally informed all respondents prior to the data collection that the data being collected would only be used by the Ghana Statistical Service for statistical purposes as stipulated in Act 1003.

In addition, the field officers complied with the section of the Act that compelled them to handle 2021 PHC documents and logistics with utmost care. Largely, the intent was achieved through two processes. The first was that all field officers were educated during the training on all matters relating to confidentiality, and attention was drawn to Clause 55 of the Act, which stipulates that:

"Any person, who, without lawful authority, destroys, defaces or mutilates any schedule, form or other document containing particulars obtained in pursuance of the provisions of this Act shall be guilty of an offence and liable on summary conviction to a fine or to imprisonment for a term not exceeding twelve months or to both fine and imprisonment".

The second was that all the field officers swore the Oath of Secrecy in accordance with the Statistical Service Act, 2019. They swore to uphold secrecy in the fulfilment of their assigned duties and tasks according to law in the discharge of their duties in all matters relating to the Census.

The public was also educated via the various media outlets about their responsibility to provide accurate responses during the 2021 PHC in accordance with the Act. This notwithstanding, there were few instances where, as a last resort, GSS activated the District Census Implementation Committee (DCIC) and the Ghana Police Service to persuade some persons and households to comply with the law.

1.5. E-Census

The 2021 PHC was fully digital (E-Census) with all the processes based on IT solutions. The IT platforms that were adopted are: Computer Assisted Personal Interview (CAPI) and Batch Program for Data Entry and Cleaning; Census Management Systems to integrate the activities of all the Census implementation teams on a common platform; Census Coverage System which harnessed all the Geo-Data from Demarcation and the Census Listing Data to determine physical coverage of the Census; Census Dynamic Dashboard for monitoring of fieldwork; and Census Citizens Platform for citizen engagement. These are based on three-pronged objectives: to receive data in near real-time; to correct inconsistencies associated with the data; and to release census data on time. The E-Census is consistent with the recommendations from the United Nations which stipulate that all the 2020 round of population censuses should be digitalised. The approach also addressed some of the challenges that were posed by the COVID-19 pandemic.

The IT platform was also used for recruitment of officers, instrumentation, training, mapping, logistic management, enumeration in the census, transmission and management of data, analysis, post enumeration survey and payment of funds.

1.6. Census in COVID-19 Era

The outbreak of COVID-19 impacted the Census in diverse ways. It disrupted staff work schedules, finances, timing of recruitment, training and all related activities. This led to its postponement from March 2020 to June 2021. In response to the pandemic in general and the restrictions and associated disruption, GSS developed a Business Continuity Plan (BCP) to serve as the framework to guide the implementation of the Census. Key strategies that were put in place were with respect to staff management, resource re-mobilisation, transfer of funds, hybrid training models, adherence to COVID-19 protocols and vaccination. The BCP underscored and facilitated the implementation of the E-Census.

Staff work schedules were restructured to accommodate virtual interactions and work-from-home plans while maintaining a section to keep the offices running. Official vehicles were used to pick up some of the staff from home to work due to the partial lockdown that was imposed by the government. Moreover, activities such as meetings and consultations were done in virtual spaces.

Based on the BCP, revised financial, logistics and procurement strategies were presented to and approved by the National Census Steering Committee. Local and international partners and collaborators were further engaged to support in various ways including financial and logistic commitments. In addition, payments to suppliers and personnel contracted were done electronically.

Hybrid training models, comprising self-learning, virtual and face-to-face interactions were developed and employed at different phases of the training programme. These were adopted to train the national and regional trainers as well as field officers to ensure adherence to the social distancing protocol, and to limit travel. During the face-to-face interaction, the maximum number of participants was pegged at 40 to achieve social distancing in training rooms.

A COVID-19 prevention team was constituted to ensure that all the COVID-19 protocols were adhered to during training, meetings and the fieldwork. Running water, soap, tissue paper, hand sanitisers and face masks were provided and social distancing was observed. In addition, the Ghana Health Service was engaged to vaccinate all staff of the GSS and field officers.

1.7. Census Organisational Structure

The Chief Census Officer who is also the Government Statistician had the overall responsibility for coordinating all the Census activities. Strategic implementation structures were set up at the national, regional and district levels. At the apex of the census organisation structure was the National Steering Committee, chaired by the Minister of Finance, and was supported by the National Publicity, Education and Advocacy Committee (NPEAC), chaired by the Minister of Information; and the National Technical Advisory Committee (NTAC) with the Governing Board of GSS providing oversight for the entire census.

The Census operation was managed by the Census Coordinating Team (CCT) comprising the Deputy Government Statisticians, UNFPA Chief Technical Advisor (CTA) and three other Technical Advisors. The implementation was organised under seven workstreams, with the National Census Secretariat performing the administrative functions. The workstreams were Census Methodology; Logistics and Finance; IT and Data Processing; Publicity, Education and Advocacy; Monitoring and Evaluation; Census Mapping and Post-Enumeration Survey.

At the regional level, 16 Regional Census Implementation Committees (RCICs) and at the district level, 272² District Census Implementation Committees (DCICs), chaired by the Regional and District Coordinating Directors, respectively, coordinated the exercise. For effective coordination between the national and sub-national levels, the regions were zoned into six areas and coordinated by Zonal Field Coordinators (ZFCs).

1.8. Finance and Logistics

The main funding and logistics for the Census were provided by the Government of Ghana, and partly by the World Bank, development partners and the private sector. Funding and support came in various forms — cash, technical assistance, provision of logistics and infrastructure (offices, storage and training), and financial administration. These were mainly coordinated at the GSS Headquarters (HQ). However, the regional and district offices processed and validated payments at their respective levels. With respect to fund transfer and payment of enumerators, the Electronic Payment System (G-Money) was used. This facilitated the timely transfer of money to recipients (persons or accounts) with less costs (financial and time).

The logistics and finance workstream was constituted to ensure that the right products, and the needed quantities reached the right location safely and timely to facilitate effective and efficient training of census personnel, conduct of fieldwork, write reports and disseminate them. The workstream coordinated the distribution of census materials from GSS HQ to the regions and districts and also ensured that damaged materials were replaced expeditiously for seamless implementation of the Census.

1.9. Publicity, Education and Advocacy

The Publicity, Education and Advocacy (PEA) workstream engaged various stakeholders; primarily, ministries, departments and agencies (GES, NCCE, GHS, Information Service Department) at the various levels of administration and governance (i.e., including MMDAs) and the private sectors for public education on the 2021 PHC. Also, religious groups and traditional authorities at the community level were contacted and they played specific roles to enhance the publicity of the 2021 PHC. The media

² The Metropolitan areas were represented at the sub-metro level and this brought the total number of statistical districts to 272, as opposed to the 261 District Assemblies in the country.

(print, electronic and social media), on their part, played an important role in the publicity.

The 2021 PHC was publicised through diverse and myriad outlets to inform the public about the exercise, and their civic responsibility of allowing field officers to enter their communities and houses, and to provide the required information. The PEA workstream with its institutional partners and the media rolled out strategic programmes to enhance the communication messaging to the public regarding the 2021 PHC. Notable was the television programme that was developed to educate children about the 2021 PHC, with the expectation that they would share information with their parents and guardians; and discussions on local and international platforms to inform the local and global communities about the exercise.

PEA activities were conducted at all three phases of the exercise: during pre-enumeration, main enumeration and post-enumeration.

1.9.1. Pre-Enumeration

Two main PEA activities were conducted during the pre-enumeration stage. First, the PEA workstream led the development of key communication messages and instructional materials for information, education and communication. For instance, GSS developed a document on 100 uses of census data; a quarterly newsletter; information sheets for targeted groups; posters and flyers; census drama and advocacy videos. Secondly, public education through media outlets (print, electronic and social) were provided to create awareness, as well as to sensitise and educate the public about the importance of the 2021 PHC, and to encourage them to participate in the exercise.

1.9.2. Main Enumeration

The public education during the main enumeration covered three essential issues. First, it touched on how to identify an enumerator, and by extension, a census officer. Second, the education related to how to receive the field officer, and what households were expected to do whenever a census officer entered their premises. Third, the education and sensitisation programmes presented the general categories of questions that would be asked, and who could respond to these questions.

1.9.3. Post-Enumeration

The public education undertaken during the post-enumeration phase expressed commendations to the various segments of the public for contributing to the success of the 2021 PHC. In addition, the public was sensitised about the schedule for the release of the results, the impending Post-Enumeration Survey (PES), and the rationale for the exercise. The post-enumeration publicity on the PES appealed to the public to provide similar reception to the enumerators as they did during the main enumeration.

1.9.4. Special Events

GSS put up a series of special events to sensitise, educate and create awareness about the PHC. These included a 100-Day Countdown to the Census Night which was launched by Alhaji Dr. Mahamudu Bawumia, Vice President of Ghana; and the 30-Day Countdown to the Census Night launched by Nana Addo Dankwa Akufo-Addo, President of Ghana, and subsequently launched concurrently in all the districts by District Chief Executives. Census Night was set for mid-night of 27th June 2021 as a statistical reference point for the Census. The night signified an imaginary snapshot of the status of the population in the country at that point in time. To ensure that people remembered the night, activities were organised and celebrated concurrently at the national, regional, and all the 272 Statistical Districts in the country.

1.10. Instruments and Procedures

GSS developed two categories of instruments for the 2021 PHC: the listing form and the enumeration instruments. The listing form was only one, while the enumeration instruments comprised six questionnaires, designated as PHC 1A, PHC 1B, PHC 1C, PHC 1D, PHC 1E and PHC 1F. The PHC 1A was the most comprehensive with the others being its subsets.

1.10.1. Listing Form

The listing form was developed to collect data on type of structures, level of completion, whether occupied or vacant and use(s) of the structures. It was also used to collect information about the availability, number and types of toilet facilities in the structures. It was also used to capture the number of households in a structure, number of persons in households and the sex of the persons residing in the households if occupied. Finally, the listing form was used to capture data on non-household populations such as the population in institutions, floating population and sex of the non-household populations. The form was administered two weeks prior to Census Night.

1.10.2. PHC 1A

The PHC 1A questionnaire was used to collect data from all households in the country. Primarily, it was used to capture household members and visitors who spent the Census Night in the dwelling of the household, and their relationship with the head of the household. It was also used to collect data on homeless households. Members of the households who were absent were enumerated at the place where they had spent the Census Night. The questionnaire was also used to collect the following household information: emigration; socio-demographic characteristics (sex, age, place of birth and enumeration, survival status of parents, literacy and education; economic activities; difficulty in performing activities; ownership and usage of information, technology and communication facilities; fertility; mortality; housing characteristics and conditions and sanitation.

1.10.3. PHC 1B

The PHC 1B questionnaire was used to collect data from persons in stable institutions comprising boarding houses, hostels and prisons who were present on Census Night. Other information that was captured with this instrument are socio-demographic characteristics, literacy and education, economic activities, difficulty in performing activities; ownership and usage of information, technology and communication facilities; fertility; mortality; housing characteristics and conditions and sanitation.

1.10.4. PHC 1C

The PHC 1C questionnaire was used to collect data from persons in “unstable” institutions such as hospitals and prayer camps who were present at these places on Census Night. The instrument was used to capture only the socio-demographic characteristics of individuals.

1.10.5. PHC 1D

The PHC 1D questionnaire was used to collect data from the floating population. This constitutes persons who were found at airports, seaports, lorry stations and similar locations waiting for or embarking on long-distance travel, as well as outdoor sleepers on Census Night. The instrument captured the socio-demographic information of individuals.

1.10.6. PHC 1E

All persons who spent the Census Night at hotels, motels and guest houses were enumerated using the PHC 1E. The content of the questionnaire was similar to that of the PHC 1D.

1.10.7. PHC 1F

The PHC 1F questionnaire was administered to diplomats in the country.

1.11. IT Operations

The 2021 PHC, being an E-Census, its execution demanded the full deployment of IT software, devices and accessories at all stages of the process among which were: census mapping, development of instruments, recruitment and training, asset management, data transmission and storage, data quality management, data processing and release, and monitoring. Tablets were procured and the Computer Assisted Personal Interview (CAPI) application was developed. Basic IT activities such as testing of the tablets and all the corresponding accessories were performed to ensure that the specifications conformed to the expected standards. In addition, three other tasks were conducted. These were tablet provisioning, asset retrieval and inventory.

1.11.1. Tablets Provisioning

The provisioning of all the tablets for the 2021 PHC involved the uploading of all required content materials for the Census onto the tablets. The contents were the instruments and other related documents such as the Field Officer's Manual, Supervisory Area (SA) and Enumeration Area (EA) maps, reference materials, etc. The team adopted four steps to provision the tablets. The first step was to prepare the tablets. This involved the acquisition of tablets and taking inventory of all tablets acquired. The second step was to pre-provision the tablets. This involved the basic configuration (e.g., resetting of dates, time, etc.) of the tablets, matching each tablet with the specification required and validating their functionality. The third step was the provisioning of the tablets. The final step was the post-provisioning. This involved labelling, preparing and distributing the tablets to specific regions and districts.

1.11.2. Assets Retrieval

After enumeration was completed, all the assets, particularly, the tablets and accessories were retrieved from the field officers at the district and regional levels. Checks were conducted to ensure that all the tablets, with the specific labels that were distributed are retrieved.

1.11.3. Stock-taking and Reconciliation

The inventory of the assets that were retrieved was conducted at the Secretariat of GSS. A series of activities were conducted: the team checked the functionality of each of the tablets; backed up all data to secure the data on an external storage device and local server; stored the tablets according to the regions and districts based on the distribution plan; reset the tablets to original status; and developed an inventory report.

1.12. Census Mapping

The 2021 PHC utilised both analogue and interactive maps to determine, identify, locate and relate with supervisory area (SA) and enumeration area (EA) localities, geographical boundaries and other notable landmarks. The production of the various maps entailed the following: preparation; recruitment and training; deployment of teams; development of maps; monitoring; re-demarcation; and administrative activities and finalisation.

1.12.1. Preparation

The GIS workstream in charge of mapping assembled all the needed materials including digital datasets, GPS devices and other logistics that were needed for the exercise. Based on the outcome, the schedule and the personnel to be recruited were also developed and determined accordingly.

1.12.2. Recruitment and Training

About 130 personnel were recruited and trained to conduct the mapping exercise in the country for the 2021 PHC. The personnel were trained purposely to collect data that were used as the basis for the SA and EA mapping.

1.12.3. Deployment of Teams

After the training, the personnel were deployed to the field in teams to collect the data on coordinates and visible features. In all, 50 teams were deployed with each team comprising two or three field officers. A team was assigned to one district at a time. Two main objectives were achieved. Firstly, the existing maps that were used in the 2010 PHC were updated to reflect the changes that had occurred between then and at the time of the exercise. For instance, in the 2010 PHC, there were 120 districts as opposed to 261 districts during the 2021 PHC. Secondly, further segmentations were done in order to arrive at desired EAs for the development of appropriate maps for the 2021 PHC.

1.12.4. Production of Maps

Based on the data collected from the fieldwork, analogue and interactive maps were developed. While the analogue maps provided all the details such as geographical features and landmarks in each district, the interactive maps enabled the field officers to navigate through the boundaries in their assigned EAs, SAs and districts.

1.12.5. Monitoring

A monitoring team was constituted to visit all the districts where GPS coordinate data, other features and landmarks were taken by the field officers. This was done for the purpose of quality assurance. The monitoring team therefore took and downloaded all the GPS coordinates to the GSS Secretariat, and the data were used to validate the ones collected earlier.

1.12.6. Re-Demarcation

During the mapping fieldwork, it was observed that there had been changes in the districts due to rapid structural development, population density, etc., since the 2010 PHC. As such, some of the EAs and SAs within districts were re-demarcated to make the 2021 PHC exercise manageable. In total, 51,913 EAs and 11,199 SAs were identified. The EAs formed the basis for determining the number of field officers required, their deployment as well as the procurement and distribution of logistics.

1.12.7. Administrative Activities

A series of interrelated administrative activities were conducted after the re-demarcation of areas and generation of maps. The first activity was editing. All the EAs that were demarcated in the 2010 PHC were accounted for in the 2021 PHC, and the re-demarcated EAs reviewed to obtain the current total number of EAs. The second activity was coding. Every EA was assigned its own 10-digit code. The third activity was

the production of the digitised prototype maps. These maps were proofread at the fourth stage. Lastly, the maps were finalised for use by the field officers.

The interactive maps were based on Google features. The 2021 PHC also made use of existing satellite images that showed features and objects on the ground –Building Footprint. The images were captured about two years before the 2021 PHC and were used as a basis for identifying features and objects on the ground.

1.13. Recruitment and Training

Recruitment and training were core to the 2021 PHC. To ensure that the right calibre of field officers was recruited and trained for this important exercise, different approaches were adopted.

1.13.1. Approach to Recruitment

GSS engaged two main streams of officers to implement the 2021 PHC. The first stream comprised Curriculum Reviewers, National Monitors, Chief Trainers, Deputy Chief Trainers, Master Trainers, National Trainers and Regional Trainers. The second was the engagement of field officers, made up of Supervisors and Enumerators. The approaches employed to select the officers ranged from institutional selection, recommendations and online application processes.

1.13.2. Curriculum Reviewers

The curriculum reviewers, 12 in number, were staff in the various universities across the country, and some selected staff of GSS with expertise in instructional material development, training and assessment. They were purposively selected based on their expertise. They developed and revised all the training documents, including the Field Officer's Manual and the Trainer's Guide; complemented the training of all the field officers by assisting with sessions on presentation skills of the trainees, assessing and selecting them for the 2021 PHC.

1.13.3. Chief Trainers and Deputy Chief Trainers

The Chief Trainers and Deputy Chief Trainers were staff of GSS and MDAs with rich experience in censuses, surveys, and fieldwork. They were purposively selected and trained to train the master trainers. The Chief Trainers and deputies were responsible for the development of the Census instruments and the training of all groups of personnel. Four Chief Trainers and eight Deputy Chief Trainers were engaged for the exercise.

1.13.4. Master Trainers

The Master Trainers comprised persons with postgraduate degrees and considerable experience in teaching and research. To assemble such persons, GSS wrote letters to the various universities to nominate persons to be considered for recruitment and training. A total of 108 Master Trainers were recruited and trained. They were subsequently engaged to train the national trainers.

1.13.5. National Trainers

National trainers were also selected through recommendations from the universities in the country. A request was made by GSS to the universities, particularly, departments with social sciences orientation, to nominate officers to be recruited and trained. In all, 1,896 were recruited and trained and 915 were engaged to train the regional trainers.

1.13.6. Regional Trainers

The regional trainers were made up of persons who had obtained Masters or Bachelor's degrees and had experience in teaching or training. The regional trainers applied through the Enumerator Bureau Recruitment Portal (EBRP), an online portal that was developed by GSS. In all, 8,777 persons were recruited and trained and 5,688 were engaged to train the enumerators at the district level.

1.13.7. Enumerators and Supervisors

The enumerators constituted the last line of the mainstream field officers. Their selection was online-based through the EBRP. However, in areas where the lack of internet connectivity precluded prospective applicants from applying through the Bureau, District Census Officers (DCOs) with the DCICs provided an offline platform which was later input into the EBRP. A total of 206,358 applications were submitted via the EBRP out of which 75,050 were recruited and trained. After the training, 70,352 (59,152 enumerators and 11,200 supervisors) were selected and engaged.

1.13.8. Other Recruitments

GSS also recruited, trained and appointed additional personnel who played supervisory and administrative roles in the statistical districts. They comprised six zonal field coordinators (ZFCs), 32 regional field supervisors (RFS), 499 district field supervisors (DFS) and 272 district census officers (DCOs). Some of the ZFCs and RFS were staff at GSS HQ and regional statisticians respectively. The rest comprised staff and non-staff who applied through EBRP, were screened, selected and appointed.

Other streams of officers were recruited, based on their expertise, to support the 2021 PHC. These were data quality monitors, IT officers, field technical officers and the census administrative officers who constituted the data quality management teams (DQMTs) at the district, regional and national (HQ). Generally, these teams provided data management support to the supervisors and enumerators on the field.

1.13.9. National Data Quality Management Team

At HQ, a national data quality management team (NDQMT) comprising two top-level staff were charged with the responsibility of recruiting, training and liaising with the regional data quality management teams (RDQMTs) and district data quality management teams (DDQMTs).

1.13.10. RDQM and DDQM

The regional data quality monitors (RDQMs) and the district data quality monitors (DDQMs) were recruited through a two-staged online assessment. Potential monitors were expected to possess expertise in computer-based applications including Excel, STATA and CS PRO. In all, 37 RDQMs and 272 DDQMs were employed. Their task was to cross-check for inconsistencies with the aim of ensuring that data collected by the enumerators were of the desired quality. One data monitor was assigned to each statistical district office while at the regional level, five each were assigned to Ashanti, Eastern and Greater Accra regions; three to Central region; two each to Bono, Bono East, Northern, Upper East, Upper West, Volta and Western regions; and one each to Ahafo, North East, Oti, Savannah and Western North.

1.13.11. NIT, RIT and DIT

Other support streams were the information technology (IT) officers at the national (NIT), regional (RIT) and district (DIT) levels. The NIT officers developed the CAPI and resolved any errors which were observed in the application. A total of 34 RIT and 449 DIT officers were recruited and trained. These included one RIT officer assigned to each region and two DIT officers assigned to each district. The DIT officers addressed CAPI and tablet-related challenges at the district level. They referred unresolved challenges to the RIT. There were two DIT officers assigned to each district and one RIT officer assigned to each region.

1.14. Approaches to Training

Three main modes of training were adopted at four levels. These were self-learning, virtual and face-to-face training modes. The first two modes were instituted in response to the restrictions that were introduced due to the emergence of the COVID-19 pandemic.

1.14.1. Self-learning

All the training materials such as the Field Officer's Manual, Trainer's Guide, presentation slides and other materials needed to train the applicants were uploaded onto the GSS website. As part of the training processes, applicants downloaded these materials and studied on their own. This was the first level of training that was used to train all the field officers. The chief trainers, master trainers, NDQM and NIT officers were only trained by the 'face-to-face' mode. Three weeks was used for the self-learning mode of training.

1.14.2. Virtual Training

The second stage after the self-learning was virtual training. GSS procured the Google Classroom and Zoom virtual platforms to train the applicants after the self-learning as the second level of training, and used it as the first level of selection of the national and regional trainers. A period of between nine and 15 days was used for this mode of training

and selection. Assessments were conducted at the end of the training and trainees whose results were satisfactory were selected to participate in face-to-face training.

1.14.3. Face-to-Face Training

There were two slots of the face-to-face training. The first was the training of chief trainers, master trainers, NDQM and NIT which took place before the emergence of COVID-19. The second was the final level of training and selection of all other officers. This stage lasted for 10 days and included assessment and final selection. Qualified persons were selected for the specific positions for which they applied.

1.15. Listing of Structures

The structure listing entailed the counting of all structures in the country whether occupied or vacant, and this was conducted within two weeks prior to the Census Night. The first week was used for listing of the structures while the second week was used for mop-up. The structure listing involved three main steps. These were canvassing, assigning serial numbers to structures (chalking) and collecting information on the structure and households (listing).

1.15.1. Canvassing

Canvassing involved both enumerators and supervisors walking through their respective EAs and SAs to familiarise themselves with the areas they were assigned to work in. The exercise had two objectives. The first was to identify and interact with significant persons in the area. The second was for them to move within and around the EAs and communities and identify their boundaries, landmarks indicated on their maps, and the location of structures. During the canvassing, enumerators also planned how to use the serpentine approach for the listing of structures.

1.15.2. Structure Numbering (Chalking)

In this second stage, unique numbers composed of two parts were assigned to every structure in an EA. The first part, the 'stem' — 2021PHC/xxx/ — identifies the Census and the EA where the structure is located, and the second, a four-digit serial number assigned consecutively within the EA. This was done to identify every structure for listing and enumeration so as to ensure complete coverage of all structures as well as the persons who dwell in the occupied ones. The numbering, also known as chalking, was done in the serpentine order, and arrows used to indicate the direction to the next numbered structure. Enumerators wrote the serial numbers in conspicuous places which would be visible to other officers and household members, but would not be easily erased.

1.15.3. Listing

Listing of persons in occupied structures followed after the chalking. The exercise entailed the collection of basic information about a structure, its use and the occupants, based on the listing form.

1.16. Enumeration of Persons

The 2021 PHC collected data from different categories of groups of population in the country. All persons irrespective of their nationality were enumerated at the place where they spent the Census Night in the country. They were categorised into two: household and non-household/institutional populations. The household population comprised the persons in 'conventional' households as well as homeless households, and non-household population were categorised as stable and unstable institutional population (group quarters), floating population, persons who spent Census Night at hotels and guesthouses, and diplomats.

1.16.1. Enumeration of Persons in Households

The household population consisted of persons in conventional households and homeless persons. The categories of persons enumerated were usually members of and visitors to the household who spent the Census Night in the household, and workers who, by virtue of their work, were on duty on Census Night, such as security guards/watchmen, medical staff. The homeless population were those who slept on pavements and in make-shift structures. Due to the transient nature of their lives, those who were enumerated were given Certificate of Enumeration in order to avoid omissions and multiple counting.

1.16.2. Enumeration of Persons in Institutions

The institutional population [non-household], also known as group quarters, consisted of two broad categories: stable and unstable populations. The stable population included those in boarding schools and halls/hostels of residence at secondary and tertiary institutions, barracks, and religious communities, while the unstable population comprised persons who boarded at places such as prisons, correctional centres and health facilities. However, staff and their household members who resided in these institutions were enumerated as conventional household members.

Prior to the Census Night, field officers listed all locations of these categories of households and estimated their populations. The purpose was to plan for their enumeration to ensure that they were not omitted. The PHC 1B questionnaire and PHC 1C questionnaire were used to enumerate the stable and unstable populations, respectively. In order to avoid omission or multiple counting, persons who were enumerated were given a Certificate of Enumeration.

1.16.3. Enumeration of Floating Population

Persons identified as "floating" were enumerated using the PHC 1D, on Census Night. Prior to the Census Night, field officers engaged with organisations, institutions, offices and communities that regulate these spaces and planned the enumeration processes. To avoid omissions and multiple counting, all the floating population enumerated were issued with a Certificate of Enumeration. The floating population include those who on Census Night, slept at lorry parks, markets, filling stations, railway stations, in front of stores

and offices, on verandas, pavements, as well as those at seaports, airports, oil rigs, border posts and those who engaged in fishing and hunting and, therefore, could not spend the Census Night in their respective homes.

1.16.4. Enumeration of Persons in Hotels and Guest Houses

Persons who spent the Census Night in hotels and guest houses were enumerated with PHC 1E. Copies of the instrument were printed and deposited with the managers or receptionists of the hotels and guest houses to be filled by these occupants.

1.16.5. Enumeration of Diplomats

Diplomats (officials who represent their respective countries abroad or representatives of international organisations designated as such) were enumerated with PHC 1F. The instrument was printed and submitted to their offices through the Ministry of Foreign Affairs and Regional Integration.

1.17. Data Transmission and Storage

The transmission and storage of data was as important as their production. Dual approaches — horizontal and vertical — were developed for transmission and storage. During the fieldwork, every enumerator transmitted the data collected to their respective supervisors via Bluetooth daily (horizontal approach).

The vertical approach involved the transmission of data onto a GSS central server at the Secretariat. Enumerators, after transmitting the data to the supervisors via Bluetooth, also transmitted the data via the internet to the central server at the GSS Headquarters daily. Supervisors then in turn transmitted the data received from their enumerators via the internet to the central server at GSS Secretariat also on a daily basis. These approaches provided back-up data.

1.18. Data Quality Management

The use of CAPI and tablets was the first data quality control mechanism which allowed for data monitoring during the data collection exercise. To enhance the quality of data from the field, GSS instituted data quality management teams (DQMTs) at the national, regional and district levels to assess the quality of data in near real time.

The DDQMT monitored all the data errors, inconsistencies, missing data and duplicates, and drew the attention of the supervisors to any anomalies found, for further investigation and correction. The DDQMT also undertook spot checks and validation exercises to assure complete and quality data. In addition, there was always one DIT on the field to address IT concerns. The rover system was developed and utilised whereby a DIT met enumerators daily to address their concerns.

At the regional level, the RDQMT resolved all the data-related issues referred to it by the DDQMT. Similarly, at the national level, data-related issues that were escalated by the RDQMT were addressed by the NDQMT.

1.19. Quality Assurance, Monitoring and Evaluation

Quality assurance, monitoring and evaluation were integrated into every aspect of the 2021 PHC. The team for this workstream ensured that all the plans relating to the 2021 PHC were implemented, monitored and evaluated in order to achieve complete coverage and generate quality data. To ensure effective monitoring and evaluation each member of the team was assigned to two work streams as a substantive officer and a support officer to facilitate experience sharing and effective coordination. The team was guided by best practices from the previous PHCs, Ghana Census of Agriculture (GCA), Household-Based Sample Surveys and the Building Footprints from satellite imagery.

Throughout the census processes, all the work plans of the various work streams were reviewed to ensure that they also conform to the schedule. To facilitate information flow during the Census quality assurance and monitoring and valuation, a reporting system was instituted. Firstly, a weekly report was sent to the Census Coordinating Team (CCT) which was part of the weekly meetings of the Monitoring and Evaluation Team. Secondly, a monthly report was also submitted to the CCT. Lastly, quarterly assessment report was also developed and shared with the CCT.

During the preparatory stage, the quality assurance and monitoring and evaluating team sampled all the logistics and materials that were procured to assess the validity and their conformity to specifications. During field data collection, a Call Centre served to daily address concerns from the public to ensure complete coverage. In addition, a profiling framework was developed and used regularly to assess the risk levels of districts, SAs, EAs and localities. This also ensured that both the field officers and the logistics were safe and secured. It also facilitated logistical and security needs and helped in addressing them.

Furthermore, 112 monitors, comprising 95 national monitors and 17 international monitors were deployed to monitor and evaluate the activities of the field officers during the Census. A situation room was set up where data were collated and posted onto a dashboard, and constantly monitored and verified. When necessary, queries were generated and sent to the field for validation and correction.

Following the main enumeration, a Post Enumeration Survey (PES) was conducted to further evaluate the validity and reliability of the data collected during the Census. Similar to the Census, all aspects of the PES were monitored and evaluated for quality assurance purposes. National monitors were also deployed to the field for on-site monitoring.

1.20. Partnership and Collaboration

Census implementation requires partnerships. Therefore, the activities of the 2021 PHC were implemented in collaboration with both local and international partners and stakeholders. The partners and stakeholders supported in diverse ways. Notably, the local partners and stakeholders included the tertiary institutions across the country,

telecommunication companies (Telcos), Jospong Group of companies, Metropolitan/Municipal/District Assemblies (MMDAs), Ministries, Departments and Agencies (MDAs), Ghana Education Service (GES)/Ministry of Education, Ghana Health Service/Ministry of Health, Electoral Commission, religious bodies, schools and communities, security agencies and the media.

1.20.1. Local Partners and Collaborators

1.20.1.1. Tertiary institutions

The public universities across the country supported various stages of the implementation of 2021 PHC by permitting some of their academic staff to be engaged in the Census operations. The institutions also provided lecture rooms and accommodation spaces at subsidised rates for the training of census personnel.

1.20.1.2. Telecommunication companies

Three telecommunication companies (Telcos) – MTN, Vodafone and AirtelTigo – collaborated with GSS and provided an Access Point Name (APN) to enable access to internet services. They also supplied SIM cards and data to GSS at discounted cost. In addition, the three Telcos offered free SMS blasts to aid the publicity activities and MTN offered free call back ring tones

1.20.1.3. Jospong Group of Companies

The Jospong Group of Companies provided vehicles that transported logistics from the Headquarters of GSS to the statistical districts across the country. The Group, through Zoomlion, its waste management consortium, also fumigated all the training centres periodically and provided cleaning services at these centres. In addition, Zoomlion supplied personal protective equipment (PPEs) such as face masks and alcohol-based hand sanitizers to support the Census. The Group also assisted with printing of some of the training materials. These services and supplies were provided at no cost to GSS.

1.20.1.4. IPMC Ghana

IPMC Ghana supported the uploading of all the Census content materials to the 75,000 tablets. The support covered sharing of technical knowledge on how to upload the Census materials with minimal human involvement and the provision of servers with the aim of shortening the duration for the exercise without compromising accuracy.

1.20.1.5. Metropolitan/Municipal/District Assemblies

The MMDAs were key partners to the 2021 PHC. They constituted the District Census Implementation Committee which oversaw the recruitment of field officers and the implementation of the 2021 PHC. The MMDAs also created awareness, sensitised and educated the population in the various localities about the 2021 PHC with the use of mobile education vans and through the assembly members; and provided vehicles, and office and storage spaces for use in the regions and districts during the Census.

1.20.1.6. Ministries, Departments and Agencies

The MDAs played diverse collaborative roles to support the implementation of the 2021 PHC. Specifically, the Ministry of Information through the Information Service Departments at the various districts, the National Commission for Civic Education (NCCE) and other related ministries and departments partnered with GSS to provide publicity, education and advocacy for the Census.

1.20.1.7. Ghana Education Service

The Ghana Education Service (GES) supported the Census at two levels. Firstly, the GES revised the school calendar to accommodate the 2021 PHC training calendar. This was to allow for the training of Census personnel at the premises of selected basic and senior high schools across the country. Secondly, the GES through the schools provided the needed spaces, water, electricity and other logistics such as projectors and furniture for the training of the field officers at no cost to GSS.

1.20.1.8. Ghana Health Service

Through its Metropolitan/Municipal/District Directorates, the Ghana Health Service vaccinated the field officers against COVID-19 prior to the fieldwork.

1.20.1.9. Electoral Commission and West African Examination Council

As partners, the Electoral Commission (EC) and the West African Examination Council (WAEC) supported the Census with vehicles for transportation of materials, logistics and personnel. The EC also made available a number of office spaces at the district level for the 2021 PHC administrative work.

1.20.1.10. Religious bodies and traditional leaders

The churches and mosques in the country collaborated by using the pulpit and minbar respectively, for publicity, education and advocacy before and during the Census. The traditional leaders in all the communities also provided support by using existing local platforms and communication channels for the same purpose. In addition, they assisted the field officers to determine locality boundaries and to canvas difficult to reach communities.

1.20.1.11. Security agencies

The Police, Military and the Fire Service played various roles before, during and after the Census. The Police provided the needed security for the personnel, logistics and materials especially at difficult to reach communities. The Military supported with publicity and advocacy particularly within the security restricted zones, and also provided access to field officers to educate and enumerate persons in such communities. The Fire Service provided the use of the fire tenders for Census Night activities.

1.20.1.12. GCB Bank and Cal Bank

GCB Bank provided an electronic platform that was used for the payment of funds while Cal Bank provided financial assistance to support the printing of some of the training materials.

1.20.1.13. Windy Lodge Hotel

The Windy Lodge Hotel offered financial assistance for the printing of some of the training materials, particularly the Field Officer's Manual and the questionnaires.

1.20.1.14. The media

Every aspect of the 2021 PHC was made known to the general public via the print and electronic media (including social media). Several media channels partnered and collaborated with GSS to create awareness, inform and educate the public widely about the 2021 PHC activities before, during and after the field exercises. They also supported the dissemination of the reports.

1.20.2. International Partners and Collaborators

The Development Partners touted the formulation of a Census Donor's Forum. However, the COVID-19 protocols and restrictions militated against its implementation. Consequently, the following partners bilaterally supported the Census process in various ways:

1.20.2.1. UNFPA

UNFPA is the leading partner in the implementation of PHCs globally and has continued to play a key role in the conduct of Ghana 2021 PHC. Principally, UNFPA deployed a Chief Technical Advisor (CTA) to provide responsive technical assistance and oversight and ensure that every phase of the process is implemented in accordance with the United Nations Principles and Recommendations for the 2020 Round of the World PHCs programme as well as international best practices. UNFPA also provided additional support related to logistics for procurement of some of the tablets, staff capacity building, provision of GIS software and implementation of independent monitoring of the Census.

1.20.2.2. UNECA

UNECA provided technical assistance and staff capacity building in GIS applications, provisioning of the tablets and development and deployment of the enumeration tracking dashboard and Census Activity Tracker.

1.20.2.3. World Bank

The World Bank provided technical assistance and staff training on GIS applications and access to geospatial resources including satellite imagery partially used for the production of EA maps.

1.20.2.4. US Census Bureau

The US Census Bureau supported by providing the needed technical assistance and training on the CAPI development and deployment.

1.20.2.5. ONS-UK/UKAID

UKAID, through ONS, provided strategic support, including the formulation of the Census Business Continuity Plan (BCP) in response to the COVID-19 pandemic and review of various strategic documents. They also supported staff capacity building and compilation of the Preliminary and General Census reports.

1.20.2.6. IOM

IOM supported the production of thematic reports.

1.20.2.7. Statistics Denmark

Statistics Denmark trained staff to develop a statistical data bank where customised data could be generated and analysed.

1.20.2.8. Geo-referenced Infrastructure and Demographic Data for Development (GRID³)

GRID³ supported capacity development in GIS applications and provided technical assistance in the development of various tools for processing geospatial data and creation of hard-to-count (HTC) indices.

2. VOLUME 3C: BACKGROUND INFORMATION

The Ghana 2021 Population and Housing Census (PHC) provides updated demographic, social and economic data to support national development activities and for tracking the implementation of national, continental, and global goals. Background characteristics, in particular, depict acquired and non-acquired identities of persons and provide information on population sub-groups for administration and policy formulation. The socio-demographic data collected are used to determine the representation of the various segments of the population at the different levels of governance. Demarcation of the country into sub-national groups such as regions and districts also require information on the background characteristics to determine exactly where to put a boundary between two regions or districts.

Social and economic characteristics are questions of scientific interest, which are of importance both to research and practical problems of industrial and commercial growth and management. In Ghana where land tenure is still linked to stools and families, easy access to land for purposes of establishing a factory, for example, may be linked to one's ethnic group and/or birthplace. Similarly, people's traditional relationship to certain agricultural practices, for instance, could determine the sources of raw materials and, eventually, where to site certain industries. Planners in the public sector also leverage these characteristics to guide planning decisions to ensure that no individual or group is left behind.

Census data provide the frame for sample surveys. They also provide benchmark data for evaluating the accuracy of the overall survey results as well as a base against which changes in the characteristics investigated in statistical enquiries can be measured.

Migration is a very old phenomenon. In recent years the number of international migrants has increased tremendously, creating important diasporas for many countries in the world. Migrants, as mentioned in the SDGs, include internal migrants. The Census gives us information on this segment of the population by cross tabulating the place of birth data with the place of enumeration data. The resulting information gives an idea of the proportion of Ghanaians who were enumerated outside their usual place of residence. Further combination of these with other variables also gives an idea of where people moved from and where they went, which eventually determines the redistribution of the Ghanaian population. The importance of this kind of information for development planning cannot be overemphasised.

Data on marital status help a country to discern its marriage patterns and trends. When combined with other data, also helps communities to understand if available social services and programmes are meeting residents' needs. Further, data on marital status can facilitate the forecasting of future needs of programmes that have spousal benefits, and measure the effects of policies and programmes that focus on the wellbeing of families such as tax policies and financial assistance programmes.

Religion is a complex phenomenon that shapes society, and as such it is crucial to understand it properly. Nonetheless, countries have included it in their censuses because information about religion points to how it could be handled to avert controversy. Ghana's census collects information on religious affiliation because it is part of social identity, like age, sex and ethnicity. Religion is also a matter of social concern and is of relevance in creating fair and equitable societies. Further, it is important to know about religious affiliation because it affects every public-facing aspect of society including health care provision, social services, education and policy making.

This report focuses on six characteristics of the population: (1) nationality; (2) place of birth (3) marital status; (4) ethnicity; (5) religious affiliation; and (6) health insurance coverage.

The next sections provide the definition of concepts, highlights of the Census results with charts and detailed figures presented in tables.

3. DEFINITION OF CONCEPTS

3.1. Nationality

Nationality refers to the country to which a person belongs and is classified by birth, naturalisation (adoption and registration) or dual nationality.

- a) Ghanaian by birth:
A person born in or outside Ghana, one of whose parents or grandparents is a Ghanaian citizen.
- b) A child of not more than seven (7) years of age found in Ghana whose parents are not known.
- c) Ghanaian by naturalisation, includes the following:
Legal acquisition: Citizenship acquired by application.
Adopted child: A child of not more than sixteen (16) years of age neither of whose parents is a citizen of Ghana who is adopted by a Ghanaian.
Citizenship by registration: A person who acquired citizenship by registration through marriage.
- d) Dual Nationality (Ghanaian and other): A person who holds citizenship of another country in addition to Ghanaian citizenship.
- e) Non-Ghanaian: A person who holds citizenship of a country other than Ghana. This group also includes stateless persons.

3.2. Ethnicity

It is a grouping defined by common language, culture and history with which a person identifies, or by mother tongue.

3.3. Marital Status

This is the civil status of a person aged 12 years or older as at Census Night. It may be one of the following cases:

- a) Informal/consensual union/living together: A person living together in a marital union but without civil or traditional recognition.
- b) Married under civil/ordinance, customary/traditional and Islamic rites, whether registered or not.
- c) Separated: A person who no longer has common living arrangements with the spouse but whose marriage has not been declared customarily or legally dissolved.
- d) Divorced: A person whose marriage has been annulled or dissolved either in a court of law or by custom and has not remarried.
- e) Widowed: A person whose last marriage ended because of the death of a spouse and has not remarried as at Census Night.
- f) Never married: A person who has never entered into any formal or informal marital union.

3.4. Place of Birth

It is the usual place of residence (town/village or locality) of a person's mother at the time of his/her birth. Place of birth within the country is defined by locality, district and region, and outside Ghana by the country.

3.5. Religion

Religion refers to the religious affiliation of a person, categorised into eight groups:

- a) Catholic Church
- b) Protestant — comprises AME Zion, Anglican, Baptist Church, Evangelical Presbyterian Church, Lutheran, Methodist Church Ghana, Presbyterian, Seventh Day Adventist (SDA), etc.
- c) Pentecostal/Charismatic — includes Action Chapel, Assemblies of God, Christ Apostolic Church, Foursquare Gospel Church, Global Evangelical Church, Harvest Chapel Int., International Bible Worship Centre, International Central Gospel Church (ICGC), Jubilee International Church, Lighthouse Chapel, Perez Chapel, Praise Valley Temple, Rhema Christian Centre, Salvation Army, The Apostolic Church, The Church of Pentecost, Victory Bible Church, etc.
- d) Other Christian — includes members of the African Faith Tabernacle Church, Church of Christ, Church of Jesus Christ of Latter-day Saints, Church Universal and Triumphant, Jehovah's Witnesses, Kristo Asafo, Musama Disco Christo Church, Twelve Apostles Church, etc.
- e) Islam — includes Al-Sunna/Tijaniya (orthodox), Shia, Ahmadis, and other Islamic denominations.
- f) Traditional Religion — includes worship of deities and ancestors.
- g) Other — consists of religions other than those captured above. Examples include Eckankar, Baha'i, Shintoism, Buddhism, Hinduism, etc.
- h) No Religion — those with no religious affiliation.

3.6. Health Insurance Coverage

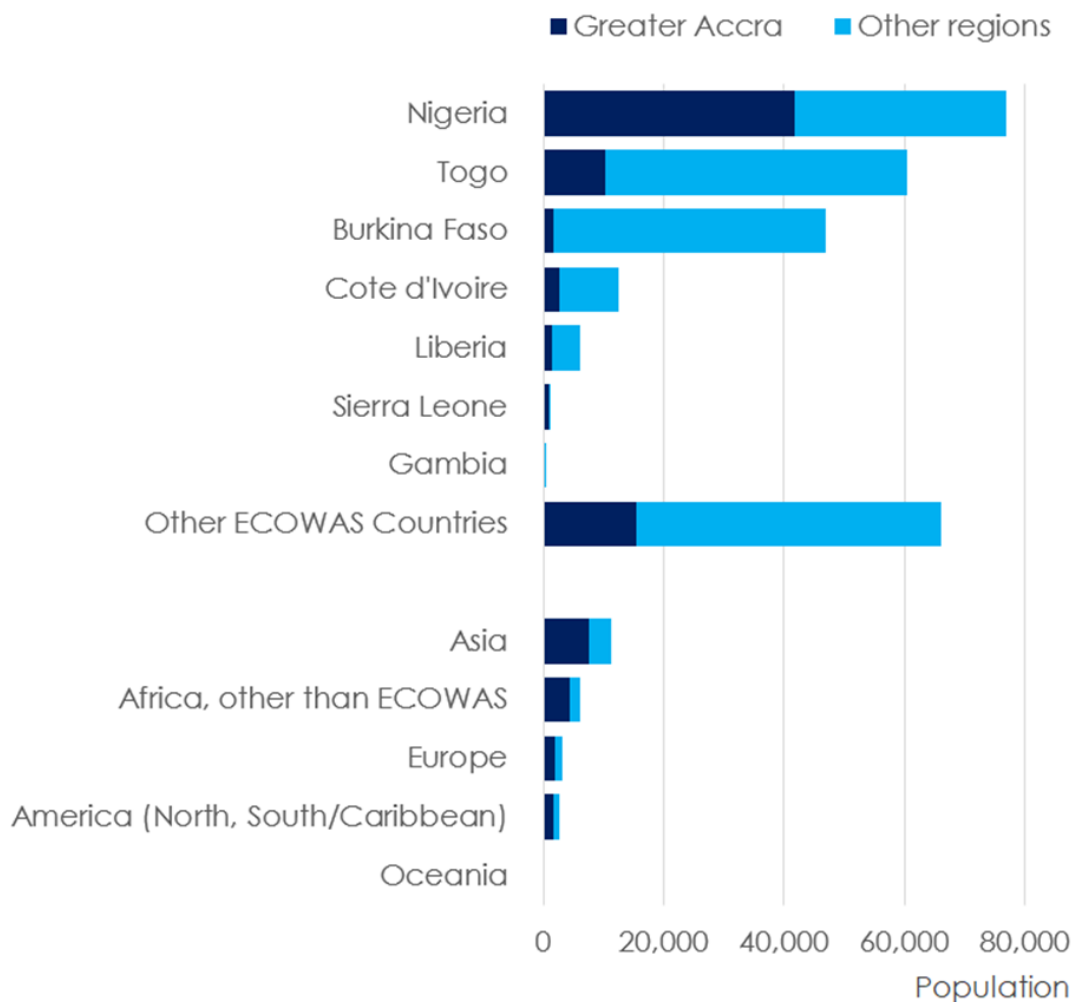
A paid-up member in a health insurance scheme. An insured person may be covered under National Health Insurance Scheme (NHIS) or private health insurance schemes.

4. HIGHLIGHTS OF RESULTS

Only one percent (294,341) of enumerated population are non-Ghanaians and nine out of 10 non-Ghanaian population (270,838 – 92.0%) are from ECOWAS countries.

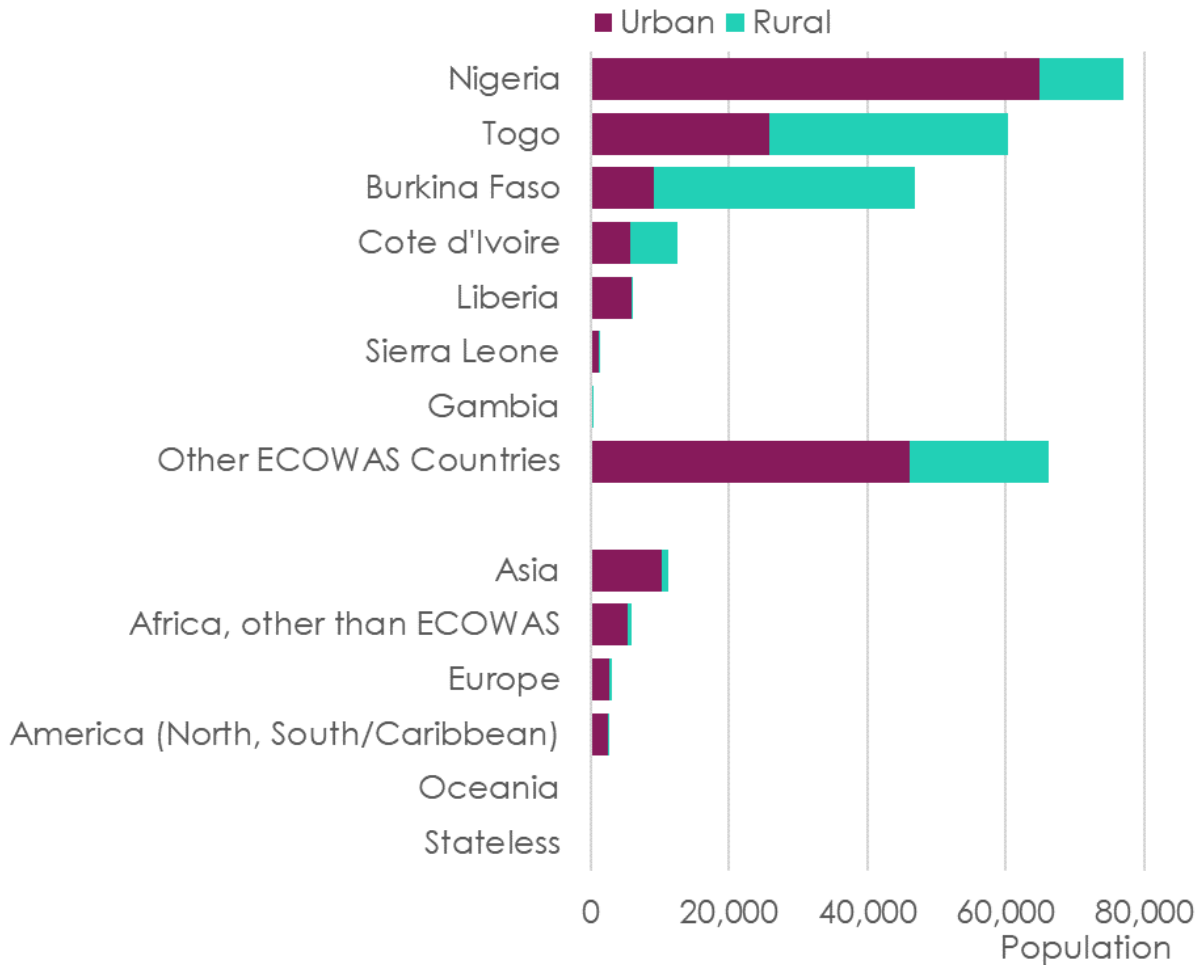
Nationals from Asia (11,313) are more than twice the number from the Americas (2,788) and Europe (3,102).

FIGURE 4.1: POPULATION OF NON-GHANAIS BY COUNTRY OF NATIONALITY AND REGION OF RESIDENCE IN GHANA



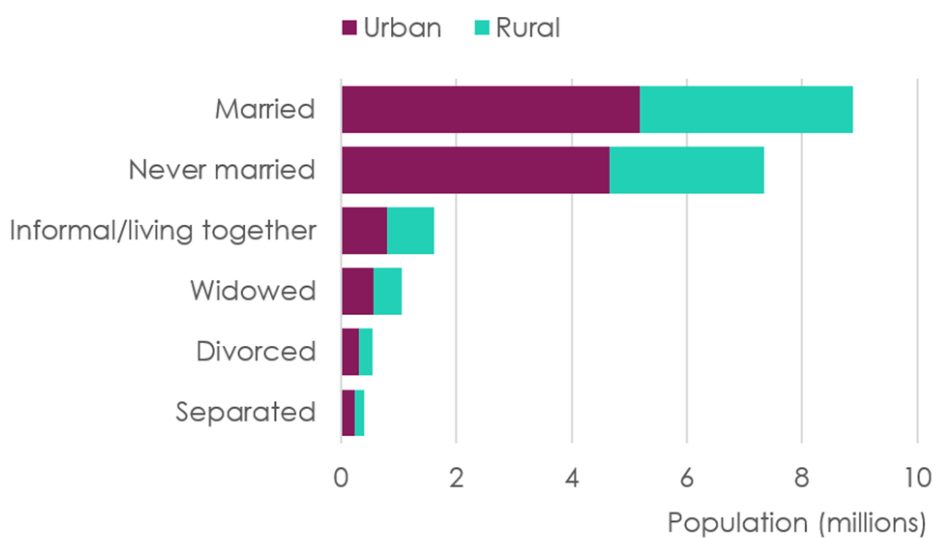
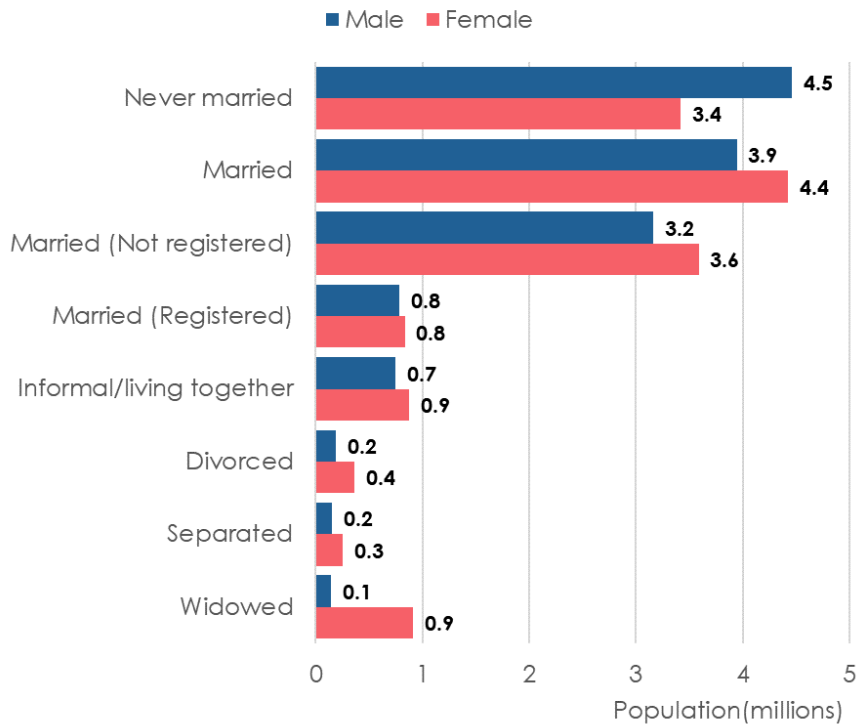
Six in ten non-Ghanaians (61.2%) live in urban areas. The proportions in urban areas are relatively low for nationals from Cote d'Ivoire (46.6%), Togo (42.8%) and Burkina Faso (19.4%)

FIGURE 4.2: POPULATION OF NON-GHANAIS BY COUNTRY OF NATIONALITY AND TYPE OF LOCALITY OF RESIDENCE



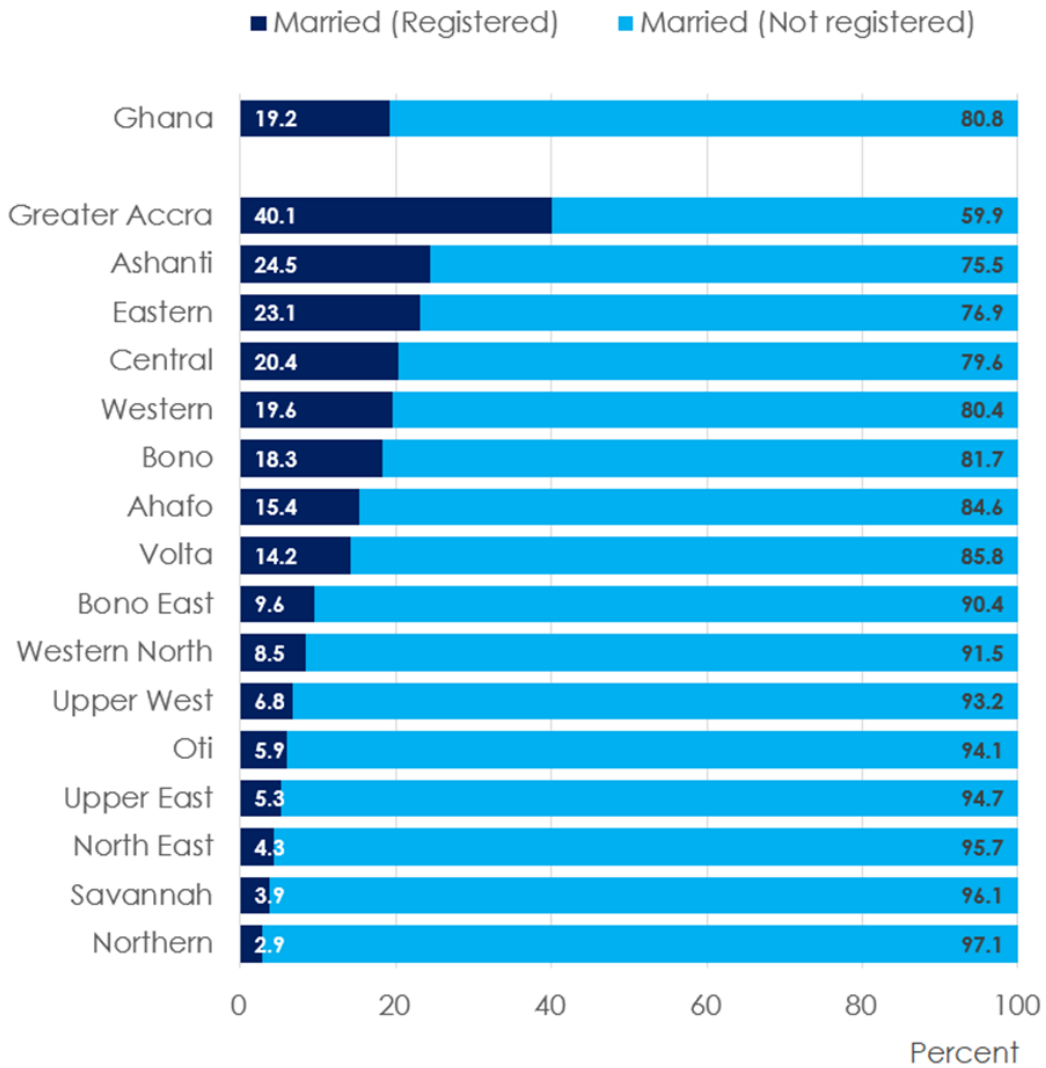
Higher proportion of never married persons (7,875,880), more than half of whom are men (4,459,622 or 56.6%), are in urban areas (5,180,522 or 65.8 %).

FIGURE 4.3: POPULATION 15 YEARS AND OLDER BY MARITAL STATUS AND SEX



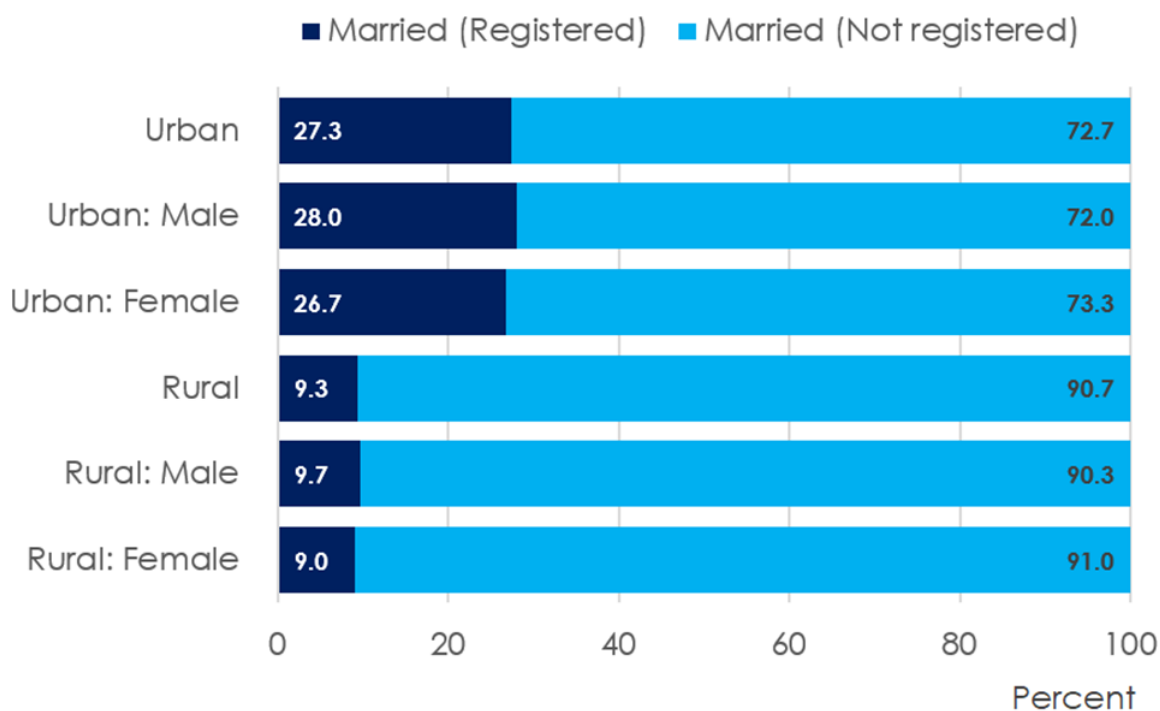
Four out of five (80.8%) married persons have not registered their marriage. The proportions range from 59.9 percent in Greater Accra Region to 97.1 percent in Northern Region.

FIGURE 4.4: REGISTRATION STATUS OF MARRIAGES (PERSONS AGED 15 YEARS AND OLDER) BY REGION



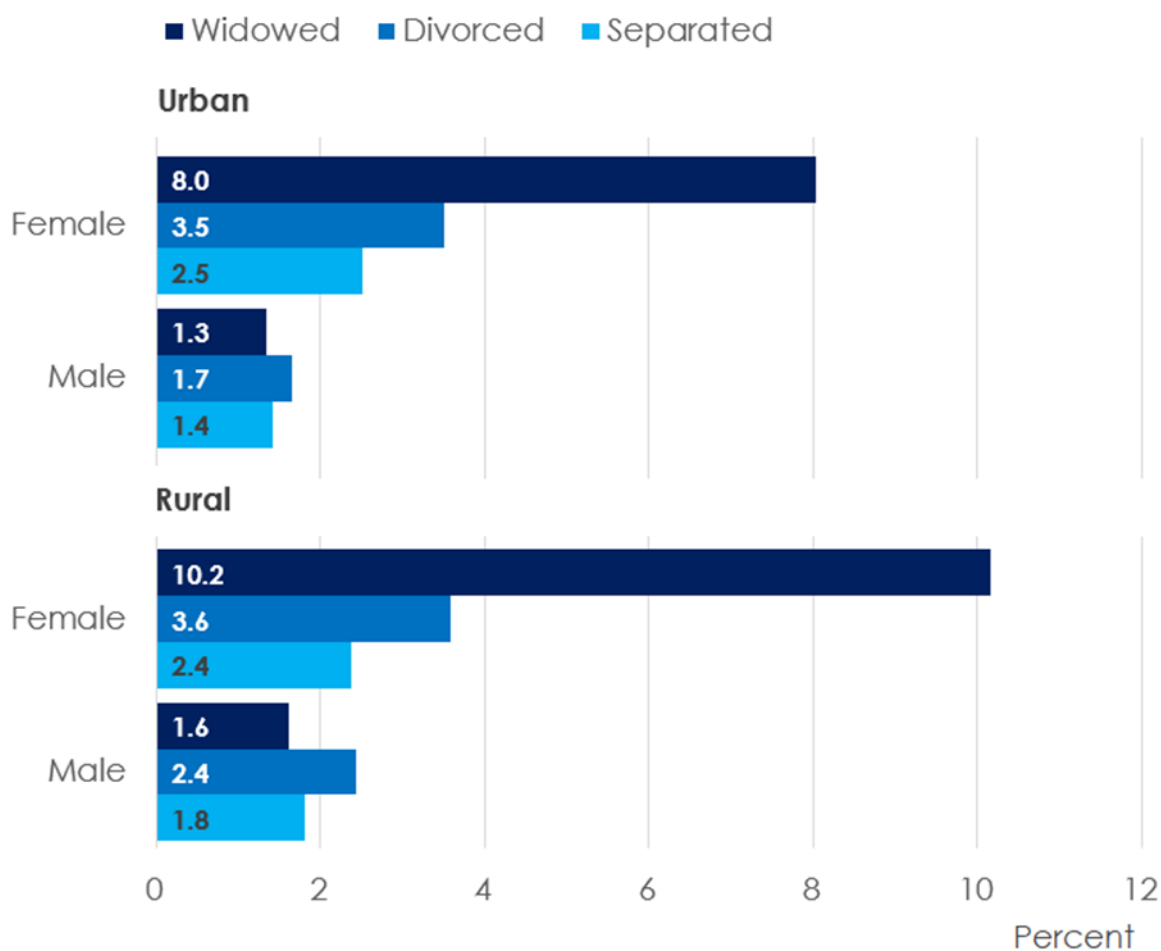
More married persons in urban areas (27.3%) compared to those in rural areas (9.3%) have registered their marriage.

FIGURE 4.5: REGISTRATION STATUS OF MARRIAGE (PERSONS AGED 15 YEARS AND OLDER) BY TYPE OF LOCALITY AND SEX



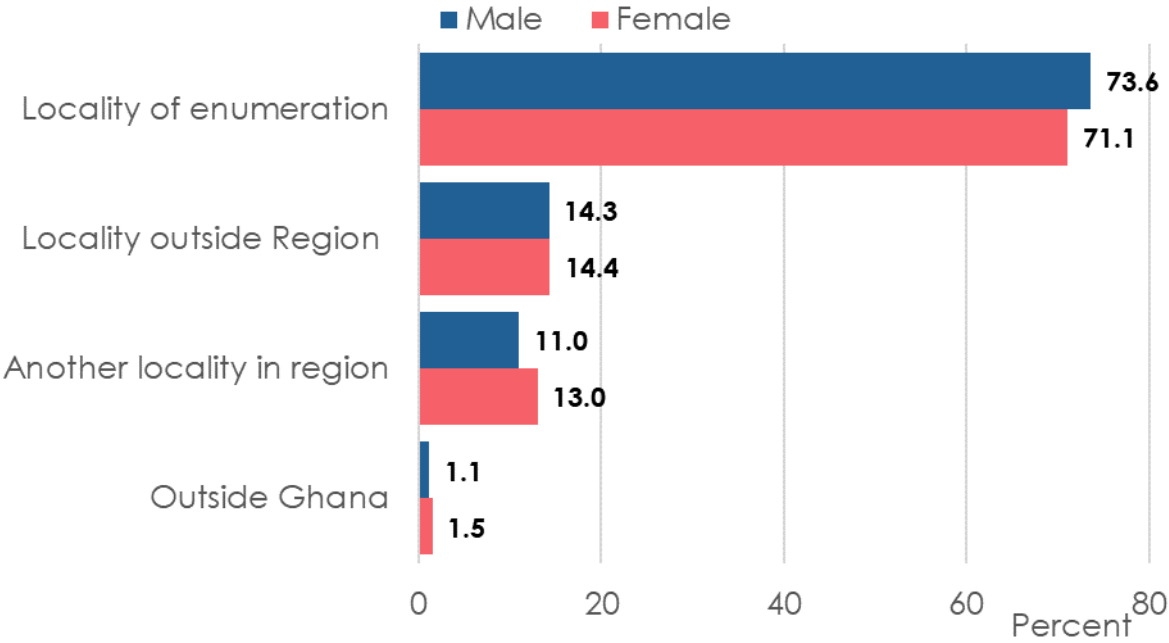
Substantially more women than men are separated, divorced or widowed in both rural and urban areas.

FIGURE 4.6: PROPORTION OF WIDOWED, SEPARATED AND DIVORCED PERSONS (AGED 15 YEARS AND OLDER) BY TYPE OF LOCALITY AND SEX



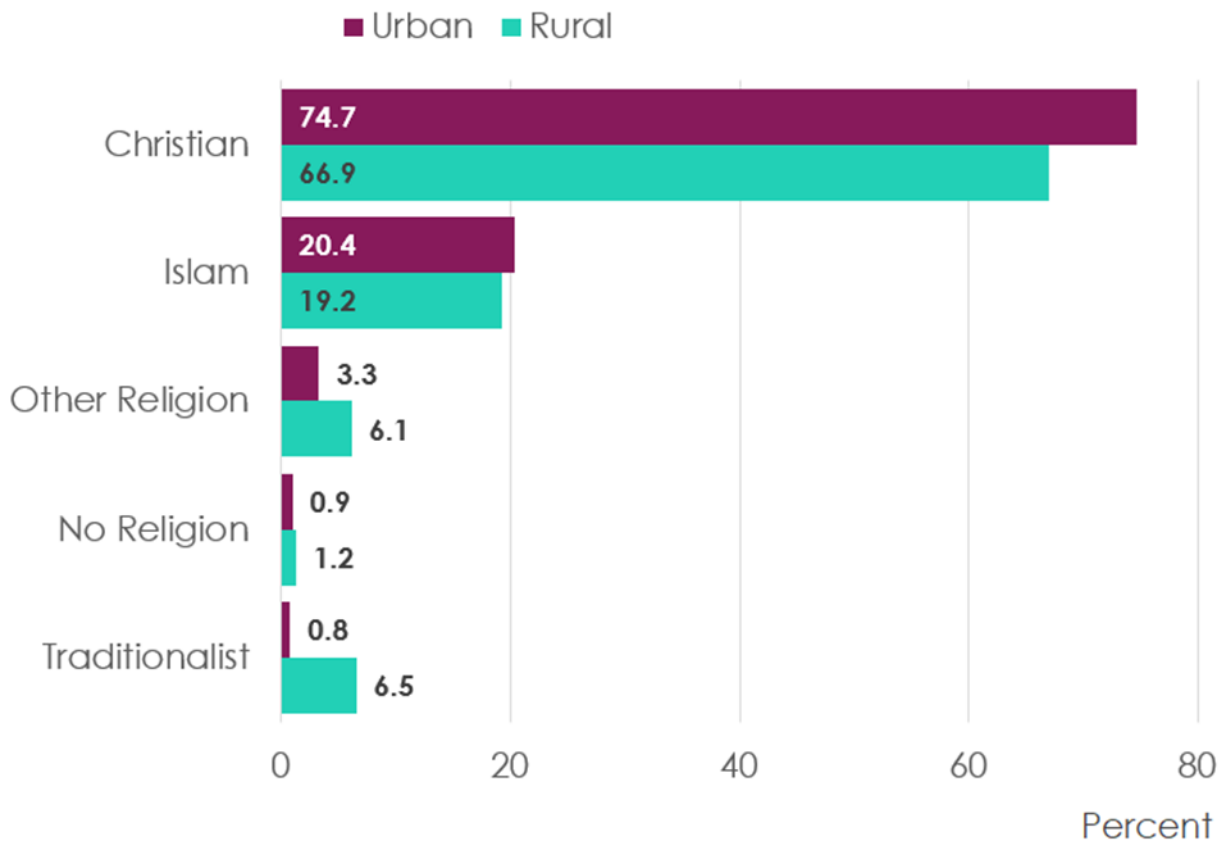
Higher proportion of males (73.6%) than females (71.6%) were enumerated in the localities where they were born.

FIGURE 4.7: POPULATION BY PLACE OF BIRTH RELATIVE TO PLACE OF ENUMERATION AND SEX



Urban areas have higher proportions of Christians and Moslems than rural areas while other religions have higher proportions in rural areas.

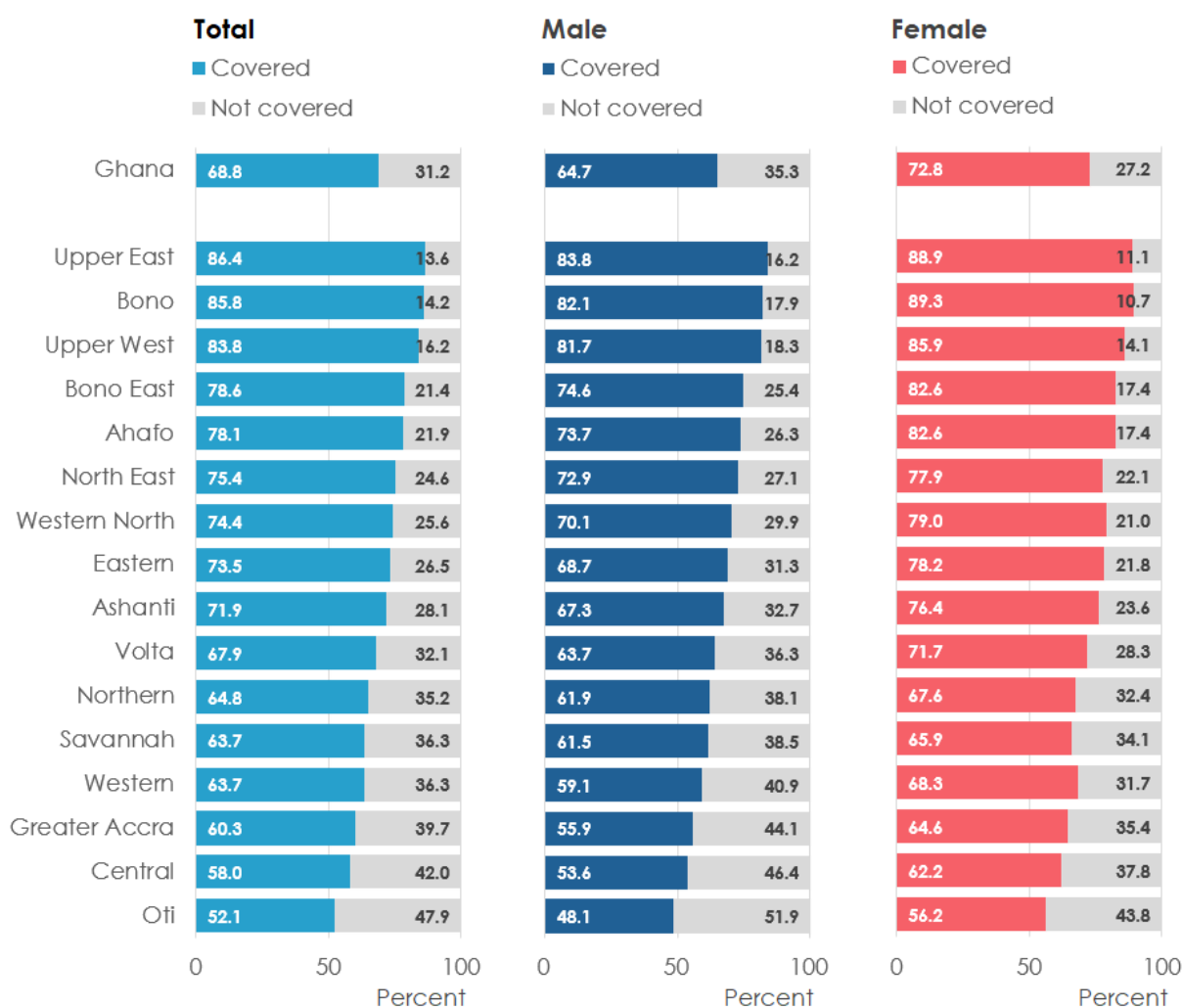
FIGURE 4.8: POPULATION BY RELIGIOUS AFFILIATION AND TYPE OF LOCALITY



Seven in ten persons (68.6 %) have health insurance coverage with higher coverage for females (72.6%) than males (64.5%).

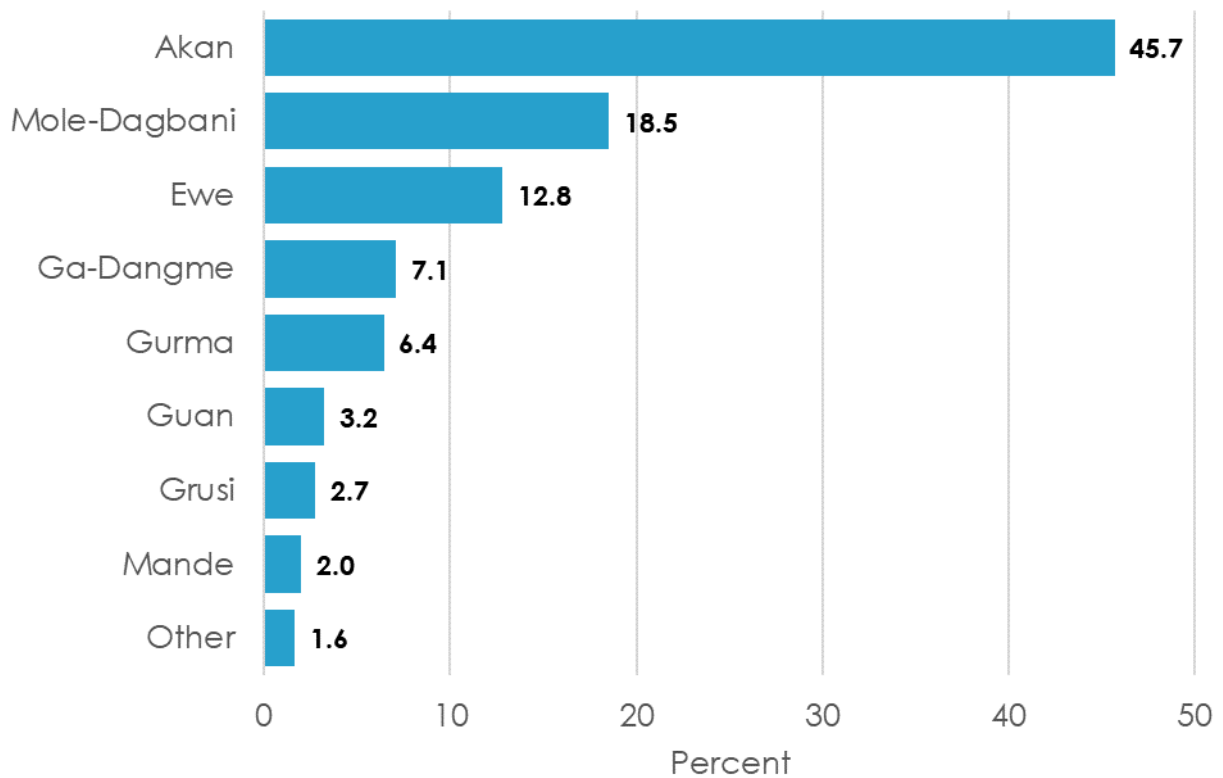
Health insurance coverage ranges from 51.9 percent in Oti Region to 86.2 percent in Upper East Region and is higher for females than males in all regions.

FIGURE 4.9: POPULATION BY HEALTH INSURANCE COVERAGE AND SEX



Three (Akan, Mole-Dagbani and Ewe) out of the nine major ethnic groups constitute more than three-quarters (77%) of the population.

FIGURE 4.10: POPULATION BY MAJOR ETHNIC GROUPS



5. MAIN TABLES

TABLE 5.1: POPULATION BY SEX, NATIONALITY, TYPE OF LOCALITY AND REGION - NATIONAL

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Both Sexes	30,832,019	100.0	2,060,585	2,859,821	5,455,692	1,659,040	2,925,653	5,440,463	880,921	564,668	1,208,649	1,203,400	747,248	2,310,939	653,266	658,946	1,301,226	901,502
Ghanaian by birth	30,460,942	98.8	2,042,625	2,830,871	5,345,256	1,612,878	2,904,753	5,410,254	874,677	562,261	1,200,269	1,192,945	731,981	2,290,571	634,232	651,978	1,294,394	880,997
Dual Nationality (Ghanaian & other)	23,594	0.1	996	2,171	9,118	2,041	1,264	2,371	195	176	500	443	396	1,147	882	440	398	1,056
Ghanaian by naturalization	53,142	0.2	2,487	3,984	10,651	6,107	4,629	6,082	630	279	644	2,104	2,515	3,497	3,029	1,745	1,719	3,040
Outside Ghana	294,341	0.9	14,477	22,795	90,667	38,014	15,007	21,756	5,419	1,952	7,236	7,908	12,356	15,724	15,123	4,783	4,715	16,409
ECOWAS Countries	270,838	0.8	13,084	21,866	74,784	37,607	14,062	19,369	5,250	1,871	6,942	7,729	12,292	15,416	15,032	4,742	4,598	16,194
Burkina Faso	46,953	0.2	772	751	1,717	565	893	2,268	937	239	1,243	1,876	598	8,266	6,529	3,563	2,850	13,886
Cote d'Ivoire	12,511	0.0	2,937	1,653	2,821	305	310	942	591	105	1,521	189	36	81	737	26	60	197
Gambia	376	0.0	6	19	166	109	9	59	0	1	0	1	0	4	0	1	0	
Liberia	6,195	0.0	140	4,322	1,455	49	94	93	4	1	4	4	6	17	2	0	2	2
Nigeria	76,961	0.2	2,072	7,700	41,820	3,264	3,506	6,203	364	240	971	1,962	1,169	2,344	3,962	190	648	546
Sierra Leone	1,318	0.0	59	193	904	14	33	89	3	3	5	11	0	3	0	0	0	1
Togo	60,349	0.2	2,470	3,092	10,430	22,270	3,942	3,480	1,283	571	1,388	566	7,914	1,559	470	546	327	41
Other ECOWAS Countries	66,175	0.2	4,628	4,136	15,471	11,031	5,275	6,235	2,068	711	1,810	3,120	2,569	3,145	3,328	417	710	1,521
Africa, other than ECOWAS	6,024	0.0	432	206	4,312	72	248	446	25	5	66	50	8	88	6	5	24	31
America (North, South/Caribbean)	2,788	0.0	83	225	1,686	83	205	308	5	8	20	22	10	56	17	17	18	25
Asia	11,313	0.0	712	343	7,711	160	342	1,356	127	50	130	79	40	112	40	17	53	41
Europe	3,102	0.0	156	148	2,081	64	139	219	6	9	54	15	6	47	23	2	15	118
Oceania	169	0.0	9	4	65	2	9	49	6	7	1	13	0	3	1	0	0	0
Stateless	107	0.0	1	3	28	26	2	9	0	2	23	0	0	2	4	0	7	0
Male																		
Total	15,200,440	100.0	1,045,227	1,390,987	2,679,063	790,685	1,436,951	2,679,914	451,948	285,340	596,676	603,136	377,392	1,141,705	327,687	322,149	631,263	440,317

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Ghanaian by birth	14,983,902	98.6	1,034,190	1,373,547	2,609,427	766,540	1,424,118	2,661,057	448,041	283,781	591,636	597,382	369,159	1,131,130	317,637	318,687	627,810	429,760
Dual Nationality (Ghanaian & other)	12,459	0.1	497	1,121	4,950	1,043	656	1,301	95	95	252	245	207	591	464	230	175	537
Ghanaian by naturalization	26,046	0.2	1,253	1,949	5,312	2,924	2,310	3,056	364	146	319	1,053	1,297	1,654	1,564	835	607	1,403
Outside Ghana	178,033	1.1	9,287	14,370	59,374	20,178	9,867	14,500	3,448	1,318	4,469	4,456	6,729	8,330	8,022	2,397	2,671	8,617
ECOWAS Countries	162,851	1.0	8,224	13,787	49,561	19,889	9,145	12,835	3,295	1,265	4,279	4,331	6,680	8,133	7,968	2,371	2,585	8,503
Burkina Faso	24,745	0.2	481	469	1,060	280	545	1,414	551	141	732	996	311	4,021	3,412	1,819	1,472	7,041
Cote d'Ivoire	6,598	0.0	1,492	859	1,445	175	169	531	296	58	846	87	19	50	430	12	32	97
Gambia	229	0.0	4	13	110	53	5	38	0	1	0	1	0	1	2	0	1	0
Liberia	2,923	0.0	67	2,060	653	20	38	52	3	0	4	2	4	16	2	0	1	1
Nigeria	50,329	0.3	1,232	5,320	28,453	2,004	2,370	3,844	202	163	622	1,141	642	1,397	2,007	126	425	381
Sierra Leone	656	0.0	25	101	431	7	18	64	3	1	2	2	0	2	0	0	0	0
Togo	34,597	0.2	1,763	2,205	6,113	11,273	2,471	2,517	904	434	951	311	4,281	779	251	179	141	24
Other ECOWAS Countries	42,774	0.3	3,160	2,760	11,296	6,077	3,529	4,375	1,336	467	1,122	1,791	1,423	1,867	1,864	235	513	959
Africa, other than ECOWAS	3,614	0.0	274	140	2,467	50	176	292	22	3	39	37	5	61	4	5	20	19
America (North, South/Caribbean)	1,477	0.0	52	114	868	46	137	166	4	3	11	14	3	26	9	5	9	10
Asia	8,083	0.1	607	250	5,204	142	308	1,026	118	38	101	59	39	77	28	16	42	28
Europe	1,836	0.0	122	76	1,223	38	92	130	4	5	27	9	2	31	9	0	11	57
Oceania	113	0.0	8	1	37	1	7	44	5	2	0	6	0	1	1	0	0	0
Stateless	59	0.0	0	2	14	12	2	7	0	2	12	0	0	1	3	0	4	0
Female																		
Total	15,631,579	100.0	1,015,358	1,468,834	2,776,629	868,355	1,488,702	2,760,549	428,973	279,328	611,973	600,264	369,856	1,169,234	325,579	336,797	669,963	461,185
Ghanaian by birth	15,477,040	99.0	1,008,435	1,457,324	2,735,829	846,338	1,480,635	2,749,197	426,636	278,480	608,633	595,563	362,822	1,159,441	316,595	333,291	666,584	451,237
Dual Nationality (Ghanaian & other)	11,135	0.1	499	1,050	4,168	998	608	1,070	100	81	248	198	189	556	418	210	223	519
Ghanaian by naturalization	27,096	0.2	1,234	2,035	5,339	3,183	2,319	3,026	266	133	325	1,051	1,218	1,843	1,465	910	1,112	1,637

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Outside Ghana	116,308	0.7	5,190	8,425	31,293	17,836	5,140	7,256	1,971	634	2,767	3,452	5,627	7,394	7,101	2,386	2,044	7,792
ECOWAS Countries	107,987	0.7	4,860	8,079	25,223	17,718	4,917	6,534	1,955	606	2,663	3,398	5,612	7,283	7,064	2,371	2,013	7,691
Burkina Faso	22,208	0.1	291	282	657	285	348	854	386	98	511	880	287	4,245	3,117	1,744	1,378	6,845
Cote d'Ivoire	5,913	0.0	1,445	794	1,376	130	141	411	295	47	675	102	17	31	307	14	28	100
Gambia	147	0.0	2	6	56	56	4	21	0	0	0	0	0	0	2	0	0	0
Liberia	3,272	0.0	73	2,262	802	29	56	41	1	1	0	2	2	1	0	0	1	1
Nigeria	26,632	0.2	840	2,380	13,367	1,260	1,136	2,359	162	77	349	821	527	947	1,955	64	223	165
Sierra Leone	662	0.0	34	92	473	7	15	25	0	2	3	9	0	1	0	0	0	1
Togo	25,752	0.2	707	887	4,317	10,997	1,471	963	379	137	437	255	3,633	780	219	367	186	17
Other ECOWAS Countries	23,401	0.2	1,468	1,376	4,175	4,954	1,746	1,860	732	244	688	1,329	1,146	1,278	1,464	182	197	562
Africa, other than ECOWAS	2,410	0.0	158	66	1,845	22	72	154	3	2	27	13	3	27	2	0	4	12
America (North, South/Caribbean)	1,311	0.0	31	111	818	37	68	142	1	5	9	8	7	30	8	12	9	15
Asia	3,230	0.0	105	93	2,507	18	34	330	9	12	29	20	1	35	12	1	11	13
Europe	1,266	0.0	34	72	858	26	47	89	2	4	27	6	4	16	14	2	4	61
Oceania	56	0.0	1	3	28	1	2	5	1	5	1	7	0	2	0	0	0	0
Stateless	48	0.0	1	1	14	14	0	2	0	0	11	0	0	1	1	0	3	0

TABLE 5.2: POPULATION BY SEX, NATIONALITY, TYPE OF LOCALITY AND REGION - URBAN

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Urban																		
Both Sexes	17,472,530	100.0	1,062,865	1,654,703	5,001,141	698,329	1,505,820	3,353,850	262,428	274,914	708,481	633,255	243,869	1,095,808	193,579	214,946	330,258	238,284
Ghanaian by birth	17,244,466	98.7	1,053,241	1,632,428	4,896,095	675,891	1,494,197	3,332,152	260,431	273,630	704,550	627,212	240,254	1,088,172	190,211	212,904	327,969	235,129
Dual Nationality (Ghanaian & other) Ghanaian by naturalization	16,476	0.1	640	1,683	8,649	1,093	771	1,846	88	69	354	327	161	380	100	41	162	112
Outside Ghana	31,440	0.2	1,900	2,991	9,986	2,925	2,243	4,703	212	127	297	1,293	411	1,504	836	1,128	388	496
ECOWAS Countries	180,148	1.0	7,084	17,601	86,411	18,420	8,609	15,149	1,697	1,088	3,280	4,423	3,043	5,752	2,432	873	1,739	2,547
Burkina Faso	159,264	0.9	6,177	16,924	70,959	18,230	8,008	13,074	1,606	1,060	3,062	4,272	3,017	5,491	2,384	840	1,671	2,489
Cote d'Ivoire	9,092	0.1	340	353	1,476	149	438	1,328	84	117	381	582	56	922	932	248	560	1,126
Gambia	5,832	0.0	576	506	2,745	177	171	633	282	51	381	108	9	43	49	16	28	57
Liberia	285	0.0	5	13	159	47	1	52	0	1	0	1	0	1	4	0	1	0
Nigeria	5,960	0.0	66	4,254	1,434	27	64	82	2	1	2	3	4	17	0	0	2	2
Sierra Leone	64,971	0.4	1,574	6,926	40,323	2,203	2,719	5,266	195	208	739	1,106	332	1,830	421	160	524	445
Togo	1,189	0.0	22	185	871	2	17	72	1	3	3	10	0	3	0	0	0	0
Other ECOWAS Countries Africa, other than ECOWAS	25,841	0.1	461	1,450	9,061	9,274	1,309	1,090	255	157	330	263	1,474	407	81	147	67	15
America (North, South/Caribbean)	46,094	0.3	3,133	3,237	14,890	6,351	3,289	4,551	787	522	1,226	2,199	1,142	2,268	897	269	489	844
Asia	5,356	0.0	90	164	4,225	47	181	408	11	3	59	38	4	77	3	4	21	21
Europe	2,453	0.0	73	182	1,613	40	135	287	2	3	20	19	10	37	1	15	12	4
Oceania	10,234	0.1	603	214	7,510	82	210	1,150	71	14	101	71	10	99	35	12	28	24
Stateless	2,657	0.0	136	113	2,012	21	66	182	4	6	37	10	2	45	5	2	7	9
Male	141	0.0	5	3	64	0	8	39	3	2	1	13	0	3	0	0	0	0
Total	43	0.0	0	1	28	0	1	9	0	0	0	0	0	0	4	0	0	0

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Ghanaian by birth	8,372,880	98.4	521,376	787,574	2,385,911	317,563	714,891	1,614,459	128,332	133,656	340,395	305,896	118,722	535,976	93,888	103,048	157,705	113,488
Dual Nationality (Ghanaian & other)	8,773	0.1	313	853	4,686	576	387	994	40	36	180	182	78	204	60	28	91	65
Ghanaian by naturalization	15,540	0.2	946	1,429	4,980	1,419	1,104	2,318	121	78	133	645	206	738	453	568	194	208
Outside Ghana	114,008	1.3	4,684	10,886	56,658	10,039	5,731	9,837	1,076	703	2,077	2,626	1,681	3,423	1,407	487	1,153	1,540
ECOWAS Countries	100,589	1.2	3,940	10,480	47,110	9,892	5,268	8,403	996	687	1,933	2,519	1,665	3,246	1,374	468	1,102	1,506
Burkina Faso	5,193	0.1	211	204	916	78	261	823	45	67	221	336	32	453	496	129	325	596
Cote d'Ivoire	3,089	0.0	317	269	1,404	100	90	359	124	27	239	47	6	31	22	9	16	29
Gambia	186	0.0	4	8	107	26	1	34	0	1	0	1	0	1	2	0	1	0
Liberia	2,816	0.0	26	2,034	642	13	27	49	1	0	2	2	2	16	0	0	1	1
Nigeria	43,438	0.5	955	4,814	27,417	1,388	1,854	3,240	106	139	475	690	214	1,108	279	103	357	299
Sierra Leone	593	0.0	12	97	419	1	9	47	1	1	2	2	0	2	0	0	0	0
Togo	14,364	0.2	282	883	5,286	4,658	778	658	174	103	223	152	773	214	59	69	41	11
Other ECOWAS Countries	30,910	0.4	2,133	2,171	10,919	3,628	2,248	3,193	545	349	771	1,289	638	1,421	516	158	361	570
Africa, other than ECOWAS	3,203	0.0	68	113	2,420	36	128	263	9	2	33	33	4	54	2	4	18	16
America (North, South/Caribbean)	1,317	0.0	48	90	840	27	97	156	2	1	11	12	3	18	1	4	6	1
Asia	7,191	0.1	516	144	5,048	70	192	865	64	11	81	51	9	73	24	11	20	12
Europe	1,591	0.0	108	57	1,190	14	39	108	3	2	19	5	0	31	3	0	7	5
Oceania	91	0.0	4	1	36	0	6	35	2	0	0	6	0	1	0	0	0	0
Stateless	26	0.0	0	1	14	0	1	7	0	0	0	0	0	0	3	0	0	0
Female																		
Total	8,961,329	100.0	535,546	853,961	2,548,906	368,732	783,707	1,726,242	132,859	140,441	365,696	323,906	123,182	555,467	97,771	110,815	171,115	122,983
Ghanaian by birth	8,871,586	99.0	531,865	844,854	2,510,184	358,328	779,306	1,717,693	132,099	139,974	364,155	321,316	121,532	552,196	96,323	109,856	170,264	121,641
Dual Nationality (Ghanaian & other)	7,703	0.1	327	830	3,963	517	384	852	48	33	174	145	83	176	40	13	71	47
Ghanaian by naturalization	15,900	0.2	954	1,562	5,006	1,506	1,139	2,385	91	49	164	648	205	766	383	560	194	288

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Outside Ghana	66,140	0.7	2,400	6,715	29,753	8,381	2,878	5,312	621	385	1,203	1,797	1,362	2,329	1,025	386	586	1,007
ECOWAS Countries	58,675	0.6	2,237	6,444	23,849	8,338	2,740	4,671	610	373	1,129	1,753	1,352	2,245	1,010	372	569	983
Burkina Faso	3,899	0.0	129	149	560	71	177	505	39	50	160	246	24	469	436	119	235	530
Cote d'Ivoire	2,743	0.0	259	237	1,341	77	81	274	158	24	142	61	3	12	27	7	12	28
Gambia	99	0.0	1	5	52	21	0	18	0	0	0	0	0	0	2	0	0	0
Liberia	3,144	0.0	40	2,220	792	14	37	33	1	1	0	1	2	1	0	0	1	1
Nigeria	21,533	0.2	619	2,112	12,906	815	865	2,026	89	69	264	416	118	722	142	57	167	146
Sierra Leone	596	0.0	10	88	452	1	8	25	0	2	1	8	0	1	0	0	0	0
Togo	11,477	0.2	179	567	3,775	4,616	531	432	81	54	107	111	701	193	22	78	26	4
Other ECOWAS Countries	15,184	0.2	1,000	1,066	3,971	2,723	1,041	1,358	242	173	455	910	504	847	381	111	128	274
Africa, other than ECOWAS	2,153	0.0	22	51	1,805	11	53	145	2	1	26	5	0	23	1	0	3	5
America (North, South/Caribbean)	1,136	0.0	25	92	773	13	38	131	0	2	9	7	7	19	0	11	6	3
Asia	3,043	0.0	87	70	2,462	12	18	285	7	3	20	20	1	26	11	1	8	12
Europe	1,066	0.0	28	56	822	7	27	74	1	4	18	5	2	14	2	2	0	4
Oceania	50	0.0	1	2	28	0	2	4	1	2	1	7	0	2	0	0	0	0
Stateless	17	0.0	0	0	14	0	0	2	0	0	0	0	0	0	1	0	0	0

TABLE 5.3: POPULATION BY SEX, NATIONALITY, TYPE OF LOCALITY AND REGION - URBAN

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Rural																		
Both Sexes	13,359,489	100.0	997,720	1,205,118	454,551	960,711	1,419,833	2,086,613	618,493	289,754	500,168	570,145	503,379	1,215,131	459,687	444,000	970,968	663,218
Ghanaian by birth	13,216,476	98.9	989,384	1,198,443	449,161	936,987	1,410,556	2,078,102	614,246	288,631	495,719	565,733	491,727	1,202,399	444,021	439,074	966,425	645,868
Dual Nationality (Ghanaian & other)	7,118	0.0	356	488	469	948	493	525	107	107	146	116	235	767	782	399	236	944
Ghanaian by naturalization	21,702	0.2	587	993	665	3,182	2,386	1,379	418	152	347	811	2,104	1,993	2,193	617	1,331	2,544
Outside Ghana	114,193	0.9	7,393	5,194	4,256	19,594	6,398	6,607	3,722	864	3,956	3,485	9,313	9,972	12,691	3,910	2,976	13,862
ECOWAS Countries	111,574	0.9	6,907	4,942	3,825	19,377	6,054	6,295	3,644	811	3,880	3,457	9,275	9,925	12,648	3,902	2,927	13,705
<i>Burkina Faso</i>	37,861	0.3	432	398	241	416	455	940	853	122	862	1,294	542	7,344	5,597	3,315	2,290	12,760
<i>Cote d'Ivoire</i>	6,679	0.0	2,361	1,147	76	128	139	309	309	54	1,140	81	27	38	688	10	32	140
<i>Gambia</i>	91	0.0	1	6	7	62	8	7	0	0	0	0	0	0	0	0	0	0
<i>Liberia</i>	235	0.0	74	68	21	22	30	11	2	0	2	1	2	0	2	0	0	0
<i>Nigeria</i>	11,990	0.1	498	774	1,497	1,061	787	937	169	32	232	856	837	514	3,541	30	124	101
<i>Sierra Leone</i>	129	0.0	37	8	33	12	16	17	2	0	2	1	0	0	0	0	0	1
<i>Togo</i>	34,508	0.3	2,009	1,642	1,369	12,996	2,633	2,390	1,028	414	1,058	303	6,440	1,152	389	399	260	26
<i>Other ECOWAS Countries</i>	20,081	0.2	1,495	899	581	4,680	1,986	1,684	1,281	189	584	921	1,427	877	2,431	148	221	677
<i>Africa, other than ECOWAS</i>	668	0.0	342	42	87	25	67	38	14	2	7	12	4	11	3	1	3	10
<i>America (North, South/Caribbean)</i>	335	0.0	10	43	73	43	70	21	3	5	0	3	0	19	16	2	6	21
<i>Asia</i>	1,079	0.0	109	129	201	78	132	206	56	36	29	8	30	13	5	5	25	17
<i>Europe</i>	445	0.0	20	35	69	43	73	37	2	3	17	5	4	2	18	0	8	109
<i>Oceania</i>	28	0.0	4	1	1	2	1	10	3	5	0	0	0	0	1	0	0	0
<i>Stateless</i>	64	0.0	1	2	0	26	1	0	0	2	23	0	0	2	0	0	7	0
Male																		
Total	6,689,239	100.0	517,908	590,245	226,828	461,088	714,838	1,052,306	322,379	150,867	253,891	293,787	256,705	601,364	231,879	218,018	472,120	325,016
Ghanaian by birth	6,611,022	98.8	512,814	585,973	223,516	448,977	709,227	1,046,598	319,709	150,125	251,241	291,486	250,437	595,154	223,749	215,639	470,105	316,272

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Dual Nationality (Ghanaian & other)	3,686	0.0	184	268	264	467	269	307	55	59	72	63	129	387	404	202	84	472
Ghanaian by naturalization	10,506	0.2	307	520	332	1,505	1,206	738	243	68	186	408	1,091	916	1,111	267	413	1,195
Outside Ghana	64,025	1.0	4,603	3,484	2,716	10,139	4,136	4,663	2,372	615	2,392	1,830	5,048	4,907	6,615	1,910	1,518	7,077
ECOWAS Countries	62,262	1.0	4,284	3,307	2,451	9,997	3,877	4,432	2,299	578	2,346	1,812	5,015	4,887	6,594	1,903	1,483	6,997
<i>Burkina Faso</i>	19,552	0.3	270	265	144	202	284	591	506	74	511	660	279	3,568	2,916	1,690	1,147	6,445
<i>Cote d'Ivoire</i>	3,509	0.1	1,175	590	41	75	79	172	172	31	607	40	13	19	408	3	16	68
<i>Gambia</i>	43	0.0	0	5	3	27	4	4	0	0	0	0	0	0	0	0	0	0
<i>Liberia</i>	107	0.0	41	26	11	7	11	3	2	0	2	0	2	0	2	0	0	0
<i>Nigeria</i>	6,891	0.1	277	506	1,036	616	516	604	96	24	147	451	428	289	1,728	23	68	82
<i>Sierra Leone</i>	63	0.0	13	4	12	6	9	17	2	0	0	0	0	0	0	0	0	0
<i>Togo</i>	20,233	0.3	1,481	1,322	827	6,615	1,693	1,859	730	331	728	159	3,508	565	192	110	100	13
Other ECOWAS Countries	11,864	0.2	1,027	589	377	2,449	1,281	1,182	791	118	351	502	785	446	1,348	77	152	389
Africa, other than ECOWAS	411	0.0	206	27	47	14	48	29	13	1	6	4	1	7	2	1	2	3
America (North, South/Caribbean)	160	0.0	4	24	28	19	40	10	2	2	0	2	0	8	8	1	3	9
Asia	892	0.0	91	106	156	72	116	161	54	27	20	8	30	4	4	5	22	16
Europe	245	0.0	14	19	33	24	53	22	1	3	8	4	2	0	6	0	4	52
Oceania	22	0.0	4	0	1	1	1	9	3	2	0	0	0	0	1	0	0	0
Stateless	33	0.0	0	1	0	12	1	0	0	2	12	0	0	1	0	0	4	0
Female																		
Total	6,670,250	100.0	479,812	614,873	227,723	499,623	704,995	1,034,307	296,114	138,887	246,277	276,358	246,674	613,767	227,808	225,982	498,848	338,202
Ghanaian by birth	6,605,454	99.0	476,570	612,470	225,645	488,010	701,329	1,031,504	294,537	138,506	244,478	274,247	241,290	607,245	220,272	223,435	496,320	329,596
Dual Nationality (Ghanaian & other)	3,432	0.1	172	220	205	481	224	218	52	48	74	53	106	380	378	197	152	472
Ghanaian by naturalization	11,196	0.2	280	473	333	1,677	1,180	641	175	84	161	403	1,013	1,077	1,082	350	918	1,349
Outside Ghana	50,168	0.7	2,790	1,710	1,540	9,455	2,262	1,944	1,350	249	1,564	1,655	4,265	5,065	6,076	2,000	1,458	6,785

Nationality	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
ECOWAS Countries	49,312	0.7	2,623	1,635	1,374	9,380	2,177	1,863	1,345	233	1,534	1,645	4,260	5,038	6,054	1,999	1,444	6,708
<i>Burkina Faso</i>	18,309	0.3	162	133	97	214	171	349	347	48	351	634	263	3,776	2,681	1,625	1,143	6,315
<i>Cote d'Ivoire</i>	3,170	0.0	1,186	557	35	53	60	137	137	23	533	41	14	19	280	7	16	72
<i>Gambia</i>	48	0.0	1	1	4	35	4	3	0	0	0	0	0	0	0	0	0	0
<i>Liberia</i>	128	0.0	33	42	10	15	19	8	0	0	0	1	0	0	0	0	0	0
<i>Nigeria</i>	5,099	0.1	221	268	461	445	271	333	73	8	85	405	409	225	1,813	7	56	19
<i>Sierra Leone</i>	66	0.0	24	4	21	6	7	0	0	0	2	1	0	0	0	0	0	1
<i>Togo</i>	14,275	0.2	528	320	542	6,381	940	531	298	83	330	144	2,932	587	197	289	160	13
Other ECOWAS Countries	8,217	0.1	468	310	204	2,231	705	502	490	71	233	419	642	431	1,083	71	69	288
Africa, other than ECOWAS	257	0.0	136	15	40	11	19	9	1	1	1	8	3	4	1	0	1	7
America (North, South/Caribbean)	175	0.0	6	19	45	24	30	11	1	3	0	1	0	11	8	1	3	12
Asia	187	0.0	18	23	45	6	16	45	2	9	9	0	0	9	1	0	3	1
Europe	200	0.0	6	16	36	19	20	15	1	0	9	1	2	2	12	0	4	57
Oceania	6	0.0	0	1	0	1	0	1	0	3	0	0	0	0	0	0	0	0
Stateless	31	0.0	1	1	0	14	0	0	0	0	11	0	0	1	0	0	3	0

TABLE 5.4: POPULATION BY SEX, BIRTHPLACE AND REGION

Birthplace	All region		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Both Sexes																		
All Regions/Countries	30,832,019	100.0	2,060,585	2,859,821	5,455,692	1,659,040	2,925,653	5,440,463	880,921	564,668	1,208,649	1,203,400	747,248	2,310,939	653,266	658,946	1,301,226	901,502
Locality of enumeration	22,385,070	72.6	1,509,635	2,026,574	3,056,236	1,308,736	2,140,055	3,654,331	655,612	415,337	951,142	929,677	598,969	2,024,057	563,630	609,098	1,186,244	755,737
Another locality in region	3,712,613	12.0	204,195	365,964	812,894	194,581	391,464	989,251	64,144	31,684	100,715	77,778	62,341	182,077	31,427	30,455	76,607	97,036
Western	216,882	0.7	0	51,825	70,535	4,619	16,037	48,189	8,494	2,842	5,120	2,927	734	1,506	628	194	1,586	1,646
Central	495,404	1.6	88,979	0	228,781	6,482	53,419	88,570	8,196	3,528	5,038	4,584	2,177	1,776	1,794	242	939	899
Greater Accra	386,377	1.3	23,843	119,735	0	37,708	101,689	57,302	4,041	3,191	6,618	7,991	8,822	6,941	1,193	689	3,667	2,947
Volta	555,484	1.8	26,830	48,436	297,947	0	76,922	40,030	8,066	3,906	4,792	9,530	28,216	4,580	3,982	427	968	852
Eastern	622,350	2.0	30,154	77,483	381,651	20,533	0	73,353	12,154	5,801	5,887	4,549	4,542	2,560	606	274	1,421	1,382
Ashanti	561,064	1.8	46,320	69,153	241,409	8,861	54,305	0	27,760	29,892	23,494	23,062	3,282	10,643	2,917	2,516	9,698	7,752
Western North	100,591	0.3	14,083	7,702	10,982	1,073	6,472	41,766	0	6,301	7,194	2,308	278	480	404	134	727	687
Ahafo	95,829	0.3	3,327	4,139	12,720	895	4,441	49,036	4,974	0	9,847	3,197	290	923	363	212	751	714
Bono	172,759	0.6	9,047	9,578	30,892	1,249	7,817	50,082	23,254	16,341	0	16,930	569	1,969	1,102	342	946	2,641
Bono East	120,839	0.4	4,273	5,410	19,367	2,355	5,112	42,259	4,479	4,638	14,995	0	2,445	5,103	3,984	569	1,072	4,778
Oti	110,969	0.4	1,435	6,130	44,716	27,348	10,554	5,716	479	385	662	6,144	0	6,403	439	162	195	201
Northern	269,712	0.9	12,988	12,566	70,758	6,659	15,198	58,189	6,212	5,305	9,051	32,222	21,358	0	9,830	3,495	3,320	2,561
Savannah	79,601	0.3	6,211	2,600	8,144	706	2,798	14,996	6,170	1,847	4,253	10,152	1,082	14,962	0	705	710	4,265
North East	96,819	0.3	5,921	2,545	11,474	409	2,510	29,772	3,105	4,916	3,265	9,558	1,067	14,677	2,949	0	3,805	846
Upper East	324,340	1.1	38,124	13,768	45,654	1,017	12,170	118,674	22,991	16,179	14,464	16,009	744	13,357	2,125	4,824	0	4,240
Upper West	226,226	0.7	16,636	6,448	17,348	681	8,978	50,984	15,466	10,167	35,468	40,264	443	5,254	15,007	509	2,573	0
Outside Ghana	299,090	1.0	18,584	29,765	94,184	35,128	15,712	27,963	5,324	2,408	6,644	6,518	9,889	13,671	10,886	4,099	5,997	12,318
ECOWAS Countries	266,694	0.9	17,083	28,042	73,156	34,652	14,108	23,754	5,117	2,299	6,194	6,292	9,818	13,311	10,814	4,060	5,876	12,118
Burkina Faso	36,830	0.1	785	692	1,481	330	668	2,503	665	311	961	1,173	278	6,218	4,683	2,066	3,705	10,311
Cote d'Ivoire	34,333	0.1	7,160	7,210	5,677	2,341	1,240	4,571	1,554	452	1,999	638	109	108	677	46	215	336
Gambia	680	0.0	38	191	217	88	22	94	6	1	6	7	0	3	4	1	1	1
Liberia	7,462	0.0	577	4,280	1,995	77	161	261	7	1	19	26	19	24	4	0	6	5
Nigeria	71,814	0.2	2,466	8,186	36,872	3,352	4,001	6,956	320	306	839	1,429	973	2,012	2,766	229	642	465

Birthplace	All region		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Sierra Leone	1,388	0.0	72	251	842	30	54	95	3	3	6	14	6	8	2	0	0	2
Togo	64,834	0.2	2,410	3,362	12,988	22,062	3,968	4,062	1,226	669	1,288	988	6,752	2,481	523	1,378	637	40
Other ECOWAS Countries	49,353	0.2	3,575	3,870	13,084	6,372	3,994	5,212	1,336	556	1,076	2,017	1,681	2,457	2,155	340	670	958
Africa, other than ECOWAS	7,353	0.0	415	388	4,804	150	381	794	40	17	123	68	14	83	10	4	29	33
America (North, South/Caribbean)	8,114	0.0	260	485	5,323	83	435	1,102	19	21	124	42	9	93	20	2	13	83
Asia	6,536	0.0	154	456	4,297	95	386	862	13	18	57	41	6	60	11	14	28	38
Europe	10,108	0.0	662	375	6,458	145	382	1,389	130	48	143	71	42	118	31	19	49	46
Oceania	285	0.0	10	19	146	3	20	62	5	5	3	4	0	6	0	0	2	0
Male																		
All Regions	15,200,440	100.0	1,045,227	1,390,987	2,679,063	790,685	1,436,951	2,679,914	451,948	285,340	596,676	603,136	377,392	1,141,705	327,687	322,149	631,263	440,317
Locality of enumeration	11,187,888	73.6	763,980	991,218	1,516,214	631,224	1,065,980	1,819,444	336,363	210,440	468,599	470,030	307,999	1,030,849	285,043	306,399	593,777	390,329
Another locality in region	1,669,089	11.0	95,281	168,518	396,770	85,064	177,521	464,852	29,099	15,020	46,460	35,417	27,134	63,469	12,783	7,540	18,331	25,830
Western	101,258	0.7	0	23,555	32,420	2,017	7,415	22,927	4,312	1,410	2,697	1,395	357	747	334	79	787	806
Central	236,862	1.6	43,429	0	107,209	3,013	24,619	43,121	4,320	1,888	2,664	2,437	1,130	892	1,029	125	524	462
Greater Accra	192,925	1.3	12,980	58,702	0	18,120	48,194	29,902	2,332	1,732	3,689	4,257	4,729	3,609	701	385	2,011	1,582
Volta	277,666	1.8	15,053	24,546	143,369	0	37,581	22,529	4,607	2,187	2,733	5,083	14,132	2,305	2,217	247	589	488
Eastern	297,308	2.0	16,136	36,646	178,147	9,061	0	36,537	6,603	3,057	3,162	2,327	2,288	1,326	356	143	783	736
Ashanti	278,856	1.8	25,051	34,049	118,757	4,180	26,044	0	14,733	14,713	12,225	11,004	1,612	5,204	1,513	1,160	4,791	3,820
Western North	48,953	0.3	7,098	3,775	5,206	522	3,103	19,974	0	3,154	3,569	1,156	146	244	206	62	389	349
Ahafo	45,164	0.3	1,762	2,106	6,003	402	2,159	22,318	2,517	0	4,740	1,571	144	417	195	101	392	337
Bono	83,131	0.5	4,919	4,770	14,456	588	3,817	23,189	12,141	7,887	0	7,714	308	937	539	166	472	1,228
Bono East	56,285	0.4	2,237	2,703	8,706	1,048	2,566	19,087	2,335	2,271	7,277	0	1,105	2,029	1,997	241	536	2,147
Oti	51,886	0.3	869	3,137	20,811	12,528	5,305	3,081	302	223	384	2,943	0	1,820	189	74	105	115
Northern	135,587	0.9	7,437	6,614	33,863	3,573	8,301	28,938	3,499	2,781	5,078	16,413	9,419	0	4,771	1,514	1,830	1,556
Savannah	39,325	0.3	3,527	1,474	4,066	335	1,564	7,508	3,299	1,021	2,174	4,871	487	6,426	0	316	397	1,860
North East	49,232	0.3	3,600	1,490	5,305	212	1,386	15,509	1,695	2,602	1,805	4,977	526	6,490	1,504	0	1,691	440
Upper East	163,426	1.1	21,814	7,470	21,700	538	6,425	58,839	12,296	8,222	7,395	7,704	385	5,767	1,143	1,653	0	2,075

Birthplace	All region		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Upper West	113,689	0.7	9,211	3,363	7,752	328	5,002	25,209	8,217	5,222	18,003	20,147	280	2,244	7,287	209	1,215	0
Outside Ghana	171,910	1.1	10,843	16,851	58,309	17,932	9,969	16,950	3,278	1,510	4,022	3,690	5,211	6,930	5,880	1,735	2,643	6,157
ECOWAS Countries	152,705	1.0	9,753	15,864	46,210	17,639	8,977	14,390	3,100	1,440	3,748	3,541	5,160	6,728	5,839	1,707	2,560	6,049
Burkina Faso	18,546	0.1	495	434	901	175	428	1,505	407	173	558	635	146	2,982	2,470	992	1,368	4,877
Cote d'Ivoire	16,008	0.1	3,322	3,258	2,597	1,074	607	2,095	737	219	1,039	295	45	54	392	19	101	154
Gambia	349	0.0	18	84	125	45	8	50	5	0	3	4	0	2	2	1	1	1
Liberia	3,209	0.0	227	1,839	861	33	70	108	5	0	12	12	12	19	4	0	5	2
Nigeria	45,639	0.3	1,386	5,296	24,522	1,908	2,589	4,070	193	192	531	866	542	1,213	1,420	147	419	345
Sierra Leone	666	0.0	30	111	397	10	30	63	3	1	2	6	6	5	2	0	0	0
Togo	35,206	0.2	1,716	2,274	7,309	10,800	2,404	2,790	860	480	887	496	3,447	924	262	349	184	24
Other ECOWAS Countries	33,082	0.2	2,559	2,568	9,498	3,594	2,841	3,709	890	375	716	1,227	962	1,529	1,287	199	482	646
Africa, other than ECOWAS	4,191	0.0	274	245	2,635	84	230	457	37	9	62	50	6	49	5	4	22	22
America (North, South/Caribbean)	4,305	0.0	171	233	2,824	42	225	590	10	12	69	21	4	50	7	1	7	39
Asia	3,378	0.0	84	232	2,197	39	205	472	8	10	37	23	2	23	7	5	17	17
Europe	7,153	0.0	553	268	4,356	125	322	992	119	37	105	55	39	76	22	18	36	30
Oceania	178	0.0	8	9	87	3	10	49	4	2	1	0	0	4	0	0	1	0
Female																		
All Regions	15,631,579	100.0	1,015,358	1,468,834	2,776,629	868,355	1,488,702	2,760,549	428,973	279,328	611,973	600,264	369,856	1,169,234	325,579	336,797	669,963	461,185
Locality of enumeration	11,197,182	71.6	745,655	1,035,356	1,540,022	677,512	1,074,075	1,834,887	319,249	204,897	482,543	459,647	290,970	993,208	278,587	302,699	592,467	365,408
Another locality in region	2,043,524	13.1	108,914	197,446	416,124	109,517	213,943	524,399	35,045	16,664	54,255	42,361	35,207	118,608	18,644	22,915	58,276	71,206
Western	115,624	0.7	0	28,270	38,115	2,602	8,622	25,262	4,182	1,432	2,423	1,532	377	759	294	115	799	840
Central	258,542	1.7	45,550	0	121,572	3,469	28,800	45,449	3,876	1,640	2,374	2,147	1,047	884	765	117	415	437
Greater Accra	193,452	1.2	10,863	61,033	0	19,588	53,495	27,400	1,709	1,459	2,929	3,734	4,093	3,332	492	304	1,656	1,365
Volta	277,818	1.8	11,777	23,890	154,578	0	39,341	17,501	3,459	1,719	2,059	4,447	14,084	2,275	1,765	180	379	364
Eastern	325,042	2.1	14,018	40,837	203,504	11,472	0	36,816	5,551	2,744	2,725	2,222	2,254	1,234	250	131	638	646
Ashanti	282,208	1.8	21,269	35,104	122,652	4,681	28,261	0	13,027	15,179	11,269	12,058	1,670	5,439	1,404	1,356	4,907	3,932
Western North	51,638	0.3	6,985	3,927	5,776	551	3,369	21,792	0	3,147	3,625	1,152	132	236	198	72	338	338

Birthplace	All region		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Ahafo	50,665	0.3	1,565	2,033	6,717	493	2,282	26,718	2,457	0	5,107	1,626	146	506	168	111	359	377
Bono	89,628	0.6	4,128	4,808	16,436	661	4,000	26,893	11,113	8,454	0	9,216	261	1,032	563	176	474	1,413
Bono East	64,554	0.4	2,036	2,707	10,661	1,307	2,546	23,172	2,144	2,367	7,718	0	1,340	3,074	1,987	328	536	2,631
Oti	59,083	0.4	566	2,993	23,905	14,820	5,249	2,635	177	162	278	3,201	0	4,583	250	88	90	86
Northern	134,125	0.9	5,551	5,952	36,895	3,086	6,897	29,251	2,713	2,524	3,973	15,809	11,939	0	5,059	1,981	1,490	1,005
Savannah	40,276	0.3	2,684	1,126	4,078	371	1,234	7,488	2,871	826	2,079	5,281	595	8,536	0	389	313	2,405
North East	47,587	0.3	2,321	1,055	6,169	197	1,124	14,263	1,410	2,314	1,460	4,581	541	8,187	1,445	0	2,114	406
Upper East	160,914	1.0	16,310	6,298	23,954	479	5,745	59,835	10,695	7,957	7,069	8,305	359	7,590	982	3,171	0	2,165
Upper West	112,537	0.7	7,425	3,085	9,596	353	3,976	25,775	7,249	4,945	17,465	20,117	163	3,010	7,720	300	1,358	0
Outside Ghana	241,169	1.5	15,071	25,092	62,821	34,209	10,874	20,377	4,063	1,757	5,068	5,579	9,336	13,324	9,981	4,717	6,670	12,230
ECOWAS Countries	113,989	0.7	7,330	12,178	26,946	17,013	5,131	9,364	2,017	859	2,446	2,751	4,658	6,583	4,975	2,353	3,316	6,069
Burkina Faso	18,284	0.1	290	258	580	155	240	998	258	138	403	538	132	3,236	2,213	1,074	2,337	5,434
Cote d'Ivoire	18,325	0.1	3,838	3,952	3,080	1,267	633	2,476	817	233	960	343	64	54	285	27	114	182
Gambia	331	0.0	20	107	92	43	14	44	1	1	3	3	0	1	2	0	0	0
Liberia	4,253	0.0	350	2,441	1,134	44	91	153	2	1	7	14	7	5	0	0	1	3
Nigeria	26,175	0.2	1,080	2,890	12,350	1,444	1,412	2,886	127	114	308	563	431	799	1,346	82	223	120
Sierra Leone	722	0.0	42	140	445	20	24	32	0	2	4	8	0	3	0	0	0	2
Togo	29,628	0.2	694	1,088	5,679	11,262	1,564	1,272	366	189	401	492	3,305	1,557	261	1,029	453	16
Other ECOWAS Countries	16,271	0.1	1,016	1,302	3,586	2,778	1,153	1,503	446	181	360	790	719	928	868	141	188	312
Africa, other than ECOWAS	3,162	0.0	141	143	2,169	66	151	337	3	8	61	18	8	34	5	0	7	11
America (North, South/Caribbean)	3,809	0.0	89	252	2,499	41	210	512	9	9	55	21	5	43	13	1	6	44
Asia	3,158	0.0	70	224	2,100	56	181	390	5	8	20	18	4	37	4	9	11	21
Europe	2,955	0.0	109	107	2,102	20	60	397	11	11	38	16	3	42	9	1	13	16
Oceania	107	0.0	2	10	59	0	10	13	1	3	2	4	0	2	0	0	1	0

TABLE 5.5: GHANAIS BY MAJOR ETHNIC GROUP, SEX AND REGION

Major Ethnic Group	All regions																	
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
All locality types	30,484,536	100.0	2,043,621	2,833,042	5,354,374	1,614,919	2,906,017	5,412,625	874,872	562,437	1,200,769	1,193,388	732,377	2,291,718	635,114	652,418	1,294,792	882,053
Both sexes																		
Akan	13,925,576	45.7	1,594,154	2,224,574	2,201,688	39,765	1,551,156	3,883,274	600,261	338,330	880,563	411,473	47,545	39,650	23,186	61,687	16,257	12,013
Ga.Dangme	2,153,562	7.1	51,402	81,590	1,316,003	21,537	528,482	59,358	25,179	10,359	8,120	19,124	20,649	4,796	4,090	275	1,191	1,407
Ewe	3,902,009	12.8	129,869	198,921	1,083,251	1,457,474	497,143	187,067	38,792	28,369	17,221	58,651	146,929	23,309	27,659	2,414	2,873	2,067
Guan	981,747	3.2	7,790	144,342	83,183	30,514	100,362	53,045	3,578	3,154	4,159	111,596	149,357	38,978	245,446	1,455	1,343	3,445
Gurma	1,959,618	6.4	32,094	31,738	98,350	15,927	43,896	204,895	21,437	33,044	11,976	186,536	332,846	681,418	27,495	190,416	45,680	1,870
Mole-Dagbani	5,638,881	18.5	169,520	71,565	307,960	6,898	99,237	670,009	155,566	109,803	175,152	256,946	7,725	1,431,628	205,337	346,044	940,176	685,315
Grusi	826,901	2.7	23,066	18,369	65,202	1,840	25,338	129,073	13,127	12,462	26,452	75,890	2,513	15,096	48,993	16,759	191,255	161,466
Mande	600,213	2.0	15,155	18,168	55,464	9,382	11,909	143,078	10,579	15,890	62,704	50,731	5,839	41,507	36,205	27,223	84,840	11,539
Others	496,029	1.6	20,571	43,775	143,273	31,582	48,494	82,826	6,353	11,026	14,422	22,441	18,974	15,336	16,703	6,145	11,177	2,931
Male																		
Total	14,996,361	100.0	1,034,687	1,374,668	2,614,377	767,583	1,424,774	2,662,358	448,136	283,876	591,888	597,627	369,366	1,131,721	318,101	318,917	627,985	430,297
Akan	6,788,658	45.3	793,377	1,069,644	1,258,044	19,099	747,447	1,885,835	302,984	168,070	426,593	199,639	23,581	19,645	12,055	30,156	8,424	6,313
Ga-Dangme	1,061,529	7.1	27,627	41,077	638,277	10,568	260,937	31,321	13,388	5,432	4,409	10,551	11,393	2,589	2,286	155	694	825
Ewe	1,918,725	12.8	68,330	100,211	531,399	689,596	248,601	98,029	20,487	14,818	9,379	30,998	75,506	12,254	14,956	1,267	1,731	1,163
Guan	483,857	3.2	4,162	69,127	40,907	14,382	48,356	26,396	1,897	1,688	2,158	55,422	73,808	19,109	123,062	779	722	1,882
Gurma	976,381	6.5	18,014	16,362	47,461	8,402	22,543	104,267	11,343	16,785	6,354	94,181	166,924	333,333	14,023	93,269	22,085	1,035
Mole-Dagbani	2,802,496	18.7		37,264	149,884	3,619	52,231	337,769	82,131	56,710	90,507	131,865	4,099	709,294	100,532	168,505	454,939	331,483
Grusi	410,087	2.7	12,544	9,261	30,863	934	13,358	64,660	6,874	6,520	13,557	38,386	1,387	6,945	24,185	8,147	92,354	80,112
Mande	300,781	2.0	8,092	9,221	27,363	4,693	6,061	72,210	5,642	8,074	31,490	25,153	2,968	20,778	18,361	13,534	41,308	5,833
Others	253,847	1.7	10,877	22,501	72,427	16,290	25,240	41,871	3,390	5,779	7,441	11,432	9,700	7,774	8,641	3,105	5,728	1,651

All regions																		
Major Ethnic Group	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Female																		
Total	15,488,175	100.0	1,008,934	1,458,374	2,739,997	847,336	1,481,243	2,750,267	426,736	278,561	608,881	595,761	363,011	1,159,997	317,013	333,501	666,807	451,756
Akan	7,136,918	46.1	800,777	1,154,930	1,125,892	20,666	803,709	1,997,439	297,277	170,260	453,970	211,834	23,964	20,005	11,131	31,531	7,833	5,700
Ga-Dangme	1,092,033	7.1	23,775	40,513	677,726	10,969	267,545	28,037	11,791	4,927	3,711	8,573	9,256	2,207	1,804	120	497	582
Ewe	1,983,284	12.8	61,539	98,710	551,852	767,878	248,542	89,038	18,305	13,551	7,842	27,653	71,423	11,055	12,703	1,147	1,142	904
Guan	497,890	3.2	3,628	75,215	42,276	16,132	52,006	26,649	1,681	1,466	2,001	56,174	75,549	19,869	122,384	676	621	1,563
Gurma	983,237	6.3	14,080	15,376	50,889	7,525	21,353	100,628	10,094	16,259	5,622	92,355	165,922	348,085	13,472	97,147	23,595	835
Mole-Dagbani	2,836,385	18.3	77,856	34,301	158,076	3,279	47,006	332,240	73,435	53,093	84,645	125,081	3,626	722,334	104,805	177,539	485,237	353,832
Grusi	416,814	2.7	10,522	9,108	34,339	906	11,980	64,413	6,253	5,942	12,895	37,504	1,126	8,151	24,808	8,612	98,901	81,354
Mande	299,432	1.9	7,063	8,947	28,101	4,689	5,848	70,868	4,937	7,816	31,214	25,578	2,871	20,729	17,844	13,689	43,532	5,706
Others	242,182	1.6	9,694	21,274	70,846	15,292	23,254	40,955	2,963	5,247	6,981	11,009	9,274	7,562	8,062	3,040	5,449	1,280
Urban																		
Both Sexes	17,260,942	100.0	1,053,881	1,634,111	4,904,744	676,984	1,494,968	3,333,998	260,519	273,699	704,904	627,539	240,415	1,088,552	190,311	212,945	328,131	235,241
Akan	8,876,373	51.4	876,755	1,221,032	2,098,139	23,948	881,665	2,468,166	208,711	195,680	557,676	262,011	18,909	26,181	6,288	14,978	8,342	7,892
Ga-Dangme	1,486,768	8.6	22,340	53,395	1,117,286	10,376	228,158	30,154	4,460	3,419	4,843	3,932	3,526	2,640	431	201	833	774
Ewe	2,155,031	12.5	56,508	120,157	971,086	589,759	203,630	93,573	9,859	12,821	11,285	18,477	49,684	9,783	3,594	947	2,194	1,674
Guan	526,368	3.0	3,755	109,715	78,002	12,693	48,780	41,857	753	1,136	2,926	56,342	39,976	22,927	104,004	630	1,119	1,753
Gurma	561,462	3.3	5,941	22,167	94,066	10,180	25,899	89,432	2,859	10,166	5,006	73,815	112,293	67,238	4,254	32,377	4,854	915
Mole-Dagbani	2,590,814	15.0	54,812	43,072	296,470	4,214	53,943	366,124	24,613	32,556	64,641	122,427	4,500	929,466	35,690	142,002	226,040	190,244
Grusi	368,120	2.1	11,923	13,137	62,280	1,181	13,904	83,398	3,700	5,776	14,671	43,271	879	12,539	17,576	7,320	48,131	28,434
Mande	310,559	1.8	7,094	15,032	52,481	3,508	6,470	94,486	3,224	7,450	34,200	28,944	1,622	7,143	7,667	10,893	28,474	1,871
Others	385,447	2.2	14,753	36,404	134,934	21,125	32,519	66,808	2,340	4,695	9,656	18,320	9,026	10,635	10,807	3,597	8,144	1,684
Male																		
Total	8,381,653	100.0	521,689	788,427	2,390,597	318,139	715,278	1,615,453	128,372	133,692	340,575	306,078	118,800	536,180	93,948	103,076	157,796	113,553
Akan	4,285,572	51.1	429,528	584,418	1,024,174	11,416	418,574	1,186,809	102,601	94,737	266,523	125,262	9,425	13,124	3,151	7,175	4,478	4,177
Ga-Dangme	719,850	8.6	11,767	26,296	540,120	4,899	107,963	15,765	2,187	1,748	2,575	2,025	1,804	1,391	231	105	490	484

All regions																		
Major Ethnic Group	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Ewe	1,047,963	12.5	29,178	59,577	475,592	275,644	98,666	48,537	4,945	6,550	5,953	8,986	24,620	5,014	1,899	517	1,327	958
Guan	255,070	3.0	1,940	52,371	38,287	5,772	22,944	20,535	395	634	1,492	27,495	19,231	10,959	51,099	352	588	976
Gurma	277,047	3.3	3,192	11,236	45,194	5,213	13,018	44,529	1,414	4,902	2,633	36,612	55,426	32,877	2,251	15,624	2,404	522
Mole-Dagbani	1,268,400	15.1	28,514	21,941	143,942	2,098	27,302	178,239	12,146	16,116	32,236	60,649	2,399	458,270	17,313	68,559	107,827	90,849
Grusi	178,539	2.1	6,283	6,520	29,407	597	6,958	40,624	1,796	2,927	7,279	21,464	444	5,741	8,577	3,549	22,687	13,686
Mande	153,884	1.8	3,675	7,530	25,834	1,734	3,243	46,970	1,667	3,660	16,983	14,270	841	3,486	3,873	5,376	13,822	920
Others	195,328	2.3	7,612	18,538	68,047	10,766	16,610	33,445	1,221	2,418	4,901	9,315	4,610	5,318	5,554	1,819	4,173	981
Female																		
Total	8,879,289	100.0	532,192	845,684	2,514,147	358,845	779,690	1,718,545	132,147	140,007	364,329	321,461	121,615	552,372	96,363	109,869	170,335	121,688
Akan	4,590,801	51.7	447,227	636,614	1,073,965	12,532	463,091	1,281,357	106,110	100,943	291,153	136,749	9,484	13,057	3,137	7,803	3,864	3,715
Ga-Dangme	766,918	8.6	10,573	27,099	577,166	5,477	120,195	14,389	2,273	1,671	2,268	1,907	1,722	1,249	200	96	343	290
Ewe	1,107,068	12.5	27,330	60,580	495,494	314,115	104,964	45,036	4,914	6,271	5,332	9,491	25,064	4,769	1,695	430	867	716
Guan	271,298	3.1	1,815	57,344	39,715	6,921	25,836	21,322	358	502	1,434	28,847	20,745	11,968	52,905	278	531	777
Gurma	284,415	3.2	2,749	10,931	48,872	4,967	12,881	44,903	1,445	5,264	2,373	37,203	56,867	34,361	2,003	16,753	2,450	393
Mole-Dagbani	1,322,414	14.9	26,298	21,131	152,528	2,116	26,641	187,885	12,467	16,440	32,405	61,778	2,101	471,196	18,377	73,443	118,213	99,395
Grusi	189,581	2.1	5,640	6,617	32,873	584	6,946	42,774	1,904	2,849	7,392	21,807	435	6,798	8,999	3,771	25,444	14,748
Mande	156,675	1.8	3,419	7,502	26,647	1,774	3,227	47,516	1,557	3,790	17,217	14,674	781	3,657	3,794	5,517	14,652	951
Others	190,119	2.1	7,141	17,866	66,887	10,359	15,909	33,363	1,119	2,277	4,755	9,005	4,416	5,317	5,253	1,778	3,971	703
Rural																		
Both Sexes	13,223,594	100.0	989,740	1,198,931	449,630	937,935	1,411,049	2,078,627	614,353	288,738	495,865	565,849	491,962	1,203,166	444,803	439,473	966,661	646,812
Akan	5,049,203	38.2	717,399	1,003,542	103,549	15,817	669,491	1,415,108	391,550	142,650	322,887	149,462	28,636	13,469	16,898	46,709	7,915	4,121
Ga-Dangme	666,794	5.0	29,062	28,195	198,717	11,161	300,324	29,204	20,719	6,940	3,277	15,192	17,123	2,156	3,659	74	358	633
Ewe	1,746,978	13.2	73,361	78,764	112,165	867,715	293,513	93,494	28,933	15,548	5,936	40,174	97,245	13,526	24,065	1,467	679	393
Guan	455,379	3.4	4,035	34,627	5,181	17,821	51,582	11,188	2,825	2,018	1,233	55,254	109,381	16,051	141,442	825	224	1,692
Gurma	1,398,156	10.6	26,153	9,571	4,284	5,747	17,997	115,463	18,578	22,878	6,970	112,721	220,553	614,180	23,241	158,039	40,826	955
Mole-Dagbani	3,048,067	23.1	114,708	28,493	11,490	2,684	45,294	303,885	130,953	77,247	110,511	134,519	3,225	502,162	169,647	204,042	714,136	495,071

All regions																		
Major Ethnic Group	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Grusi	458,781	3.5	11,143	5,232	2,922	659	11,434	45,675	9,427	6,686	11,781	32,619	1,634	2,557	31,417	9,439	143,124	133,032
Mande	289,654	2.2	8,061	3,136	2,983	5,874	5,439	48,592	7,355	8,440	28,504	21,787	4,217	34,364	28,538	16,330	56,366	9,668
Others	110,582	0.8	5,818	7,371	8,339	10,457	15,975	16,018	4,013	6,331	4,766	4,121	9,948	4,701	5,896	2,548	3,033	1,247
Male																		
Total	6,614,708	100.0	512,998	586,241	223,780	449,444	709,496	1,046,905	319,764	150,184	251,313	291,549	250,566	595,541	224,153	215,841	470,189	316,744
Akan	2,503,086	37.8	363,849	485,226	51,622	7,683	328,873	699,026	200,383	73,333	160,070	74,377	14,156	6,521	8,904	22,981	3,946	2,136
Ga-Dangme	341,679	5.2	15,860	14,781	98,157	5,669	152,974	15,556	11,201	3,684	1,834	8,526	9,589	1,198	2,055	50	204	341
Ewe	870,762	13.2	39,152	40,634	55,807	413,952	149,935	49,492	15,542	8,268	3,426	22,012	50,886	7,240	13,057	750	404	205
Guan	228,787	3.5	2,222	16,756	2,620	8,610	25,412	5,861	1,502	1,054	666	27,927	54,577	8,150	71,963	427	134	906
Gurma	699,334	10.6	14,822	5,126	2,267	3,189	9,525	59,738	9,929	11,883	3,721	57,569	111,498	300,456	11,772	77,645	19,681	513
Mole-Dagbani	1,534,096	23.2	63,150	15,323	5,942	1,521	24,929	159,530	69,985	40,594	58,271	71,216	1,700	251,024	83,219	99,946	347,112	240,634
Grusi	231,548	3.5	6,261	2,741	1,456	337	6,400	24,036	5,078	3,593	6,278	16,922	943	1,204	15,608	4,598	69,667	66,426
Mande	146,897	2.2	4,417	1,691	1,529	2,959	2,818	25,240	3,975	4,414	14,507	10,883	2,127	17,292	14,488	8,158	27,486	4,913
Others	58,519	0.9	3,265	3,963	4,380	5,524	8,630	8,426	2,169	3,361	2,540	2,117	5,090	2,456	3,087	1,286	1,555	670
Female																		
Total	6,608,886	100.0	476,742	612,690	225,850	488,491	701,553	1,031,722	294,589	138,554	244,552	274,300	241,396	607,625	220,650	223,632	496,472	330,068
Akan	2,546,117	38.5	353,550	518,316	51,927	8,134	340,618	716,082	191,167	69,317	162,817	75,085	14,480	6,948	7,994	23,728	3,969	1,985
Ga-Dangme	325,115	4.9	13,202	13,414	100,560	5,492	147,350	13,648	9,518	3,256	1,443	6,666	7,534	958	1,604	24	154	292
Ewe	876,216	13.3	34,209	38,130	56,358	453,763	143,578	44,002	13,391	7,280	2,510	18,162	46,359	6,286	11,008	717	275	188
Guan	226,592	3.4	1,813	17,871	2,561	9,211	26,170	5,327	1,323	964	567	27,327	54,804	7,901	69,479	398	90	786
Gurma	698,822	10.6	11,331	4,445	2,017	2,558	8,472	55,725	8,649	10,995	3,249	55,152	109,055	313,724	11,469	80,394	21,145	442
Mole-Dagbani	1,513,971	22.9	51,558	13,170	5,548	1,163	20,365	144,355	60,968	36,653	52,240	63,303	1,525	251,138	86,428	104,096	367,024	254,437
Grusi	227,233	3.4	4,882	2,491	1,466	322	5,034	21,639	4,349	3,093	5,503	15,697	691	1,353	15,809	4,841	73,457	66,606
Mande	142,757	2.2	3,644	1,445	1,454	2,915	2,621	23,352	3,380	4,026	13,997	10,904	2,090	17,072	14,050	8,172	28,880	4,755
Others	52,063	0.8	2,553	3,408	3,959	4,933	7,345	7,592	1,844	2,970	2,226	2,004	4,858	2,245	2,809	1,262	1,478	577

TABLE 5.6: POPULATION 15 YEARS AND OLDER BY MARITAL STATUS, SEX, TYPE OF LOCALITY AND REGION

Marital Status	All regions		Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
	Number	Percent	Numbers															
All locality types																		
Both sexes	19,873,607	100.0	1,346,062	1,849,186	3,801,485	1,092,667	1,934,084	3,550,773	560,833	360,171	792,263	739,886	445,118	1,295,869	376,507	361,647	809,353	557,703
Never married	7,875,880	39.6	537,507	734,604	1,690,956	399,220	777,065	1,518,700	211,232	139,473	333,570	291,429	157,929	399,076	130,239	107,709	264,065	183,106
Informal/living together	1,622,718	8.2	123,052	182,829	294,795	135,740	222,678	348,045	42,611	45,182	74,092	52,938	39,152	16,573	12,263	9,239	10,538	12,991
Married	8,366,466	42.1	552,749	707,853	1,482,587	391,253	677,432	1,320,357	252,101	139,856	304,158	329,294	201,378	806,370	205,676	223,250	453,930	318,222
Married (Registered)	1,617,844	8.1	108,891	144,705	596,447	55,632	156,945	325,086	21,586	21,631	55,831	31,628	12,030	23,602	8,032	9,789	24,069	21,940
Married (Not registered)	6,748,622	34.0	443,858	563,148	886,140	335,621	520,487	995,271	230,515	118,225	248,327	297,666	189,348	782,768	197,644	213,461	429,861	296,282
Separated	405,090	2.0	25,749	42,510	93,205	45,344	53,566	66,529	9,654	7,198	12,500	10,568	9,452	8,510	4,520	2,532	8,640	4,613
Divorced	553,065	2.8	45,287	71,557	80,741	32,764	76,114	114,061	24,248	11,273	27,455	19,834	11,914	13,604	5,433	2,944	10,455	5,381
Widowed	1,050,388	5.3	61,718	109,833	159,201	88,346	127,229	183,081	20,987	17,189	40,488	35,823	25,293	51,736	18,376	15,973	61,725	33,390
Male Total	9,635,024	100.0	683,605	878,395	1,852,212	503,197	929,466	1,721,337	288,321	180,492	384,341	366,445	222,531	623,842	186,531	170,496	379,007	264,806
Never married	4,459,622	46.3	312,330	404,468	907,362	224,891	427,457	850,583	126,008	80,853	191,693	172,060	97,388	249,939	80,375	66,176	157,686	110,353
Informal/living together	747,076	7.8	59,276	82,182	142,134	58,435	103,010	158,493	20,188	20,924	32,543	23,747	17,706	7,731	5,794	4,177	4,866	5,870
Married	3,944,342	40.9	276,254	338,604	719,072	177,767	329,450	629,004	126,158	69,106	142,696	155,028	94,835	353,326	93,965	96,295	201,505	141,277
Married (Registered)	784,418	8.1	54,065	70,046	291,373	26,737	76,409	155,271	11,107	10,810	26,395	15,101	6,039	11,266	3,853	4,371	11,247	10,328
Married (Not registered)	3,159,924	32.8	222,189	268,558	427,699	151,030	253,041	473,733	115,051	58,296	116,301	139,927	88,796	342,060	90,112	91,924	190,258	130,949
Separated	153,011	1.6	10,130	15,505	32,053	17,269	21,650	23,909	4,092	2,897	4,408	4,098	4,125	3,516	2,063	1,136	4,239	1,921
Divorced	190,832	2.0	15,452	22,758	25,893	12,443	27,533	36,163	8,517	4,257	8,298	7,009	4,982	5,661	2,368	1,494	5,461	2,543
Widowed	140,141	1.5	10,163	14,878	25,698	12,392	20,366	23,185	3,358	2,455	4,703	4,503	3,495	3,669	1,966	1,218	5,250	2,842
Female Total	10,238,583	100.0	662,457	970,791	1,949,273	589,470	1,004,618	1,829,436	272,512	179,679	407,922	373,441	222,587	672,027	189,976	191,151	430,346	292,897
Never married	3,416,258	33.4	225,177	330,136	783,594	174,329	349,608	668,117	85,224	58,620	141,877	119,369	60,541	149,137	49,864	41,533	106,379	72,753
Informal/living together	875,642	8.6	63,776	100,647	152,661	77,305	119,668	189,552	22,423	24,258	41,549	29,191	21,446	8,842	6,469	5,062	5,672	7,121
Married	4,422,124	43.2	276,495	369,249	763,515	213,486	347,982	691,353	125,943	70,750	161,462	174,266	106,543	453,044	111,711	126,955	252,425	176,945
Married (Registered)	833,426	8.1	54,826	74,659	305,074	28,895	80,536	169,815	10,479	10,821	29,436	16,527	5,991	12,336	4,179	5,418	12,822	11,612
Married (Not registered)	3,588,698	35.1	221,669	294,590	458,441	184,591	267,446	521,538	115,464	59,929	132,026	157,739	100,552	440,708	107,532	121,537	239,603	165,333
Separated	252,079	2.5	15,619	27,005	61,152	28,075	31,916	42,620	5,562	4,301	8,092	6,470	5,327	4,994	2,457	1,396	4,401	2,692

Marital Status	All regions		Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
	Number	Percent	Numbers															
Divorced	362,233	3.5	29,835	48,799	54,848	20,321	48,581	77,898	15,731	7,016	19,157	12,825	6,932	7,943	3,065	1,450	4,994	2,838
Widowed	910,247	8.9	51,555	94,955	133,503	75,954	106,863	159,896	17,629	14,734	35,785	31,320	21,798	48,067	16,410	14,755	56,475	30,548
Urban																		
Both sexes	11,750,074	100.0	716,887	1,094,998	3,513,866	471,230	1,027,333	2,259,369	174,974	182,671	477,223	401,714	150,519	662,237	119,943	126,405	212,605	158,100
Never married	5,180,522	44.1	317,270	470,459	1,583,111	195,969	465,636	1,062,902	77,802	79,649	219,835	174,382	61,480	228,535	50,833	44,792	81,197	66,670
Informal/living together	802,976	6.8	48,019	89,800	258,338	46,662	86,620	155,881	9,682	21,460	35,160	24,536	10,287	5,949	3,467	2,385	2,211	2,519
Married	4,657,565	39.6	282,551	418,540	1,366,268	168,090	348,929	826,867	69,675	62,901	175,730	167,839	64,377	388,009	56,640	71,488	111,190	78,471
Married (Registered)	1,272,325	10.8	83,666	111,712	563,767	34,541	106,248	243,580	9,287	13,940	41,313	22,522	5,910	13,300	3,017	2,968	9,807	6,747
Married (Not registered)	3,385,240	28.8	198,885	306,828	802,501	133,549	242,681	583,287	60,388	48,961	134,417	145,317	58,467	374,709	53,623	68,520	101,383	71,724
Separated	234,466	2.0	12,813	23,744	85,182	17,165	24,583	37,346	3,207	3,654	6,953	5,410	2,898	5,019	1,337	1,228	2,506	1,421
Divorced	308,061	2.6	21,852	36,060	75,205	11,494	38,360	65,889	7,831	5,888	16,012	10,507	3,830	8,019	1,715	1,170	2,565	1,664
Widowed	566,484	4.8	34,382	56,395	145,762	31,850	63,205	110,484	6,777	9,119	23,533	19,040	7,647	26,706	5,951	5,342	12,936	7,355
Male Total	5,639,226	100.0	353,947	519,765	1,710,312	216,199	481,185	1,077,657	85,766	87,764	226,100	192,574	73,829	320,873	58,791	59,320	99,747	75,397
Never married	2,816,272	49.9	175,213	253,306	844,981	104,985	244,272	577,729	42,738	43,302	121,250	97,260	35,640	138,757	29,248	25,789	45,309	36,493
Informal/living together	372,199	6.6	22,961	40,943	125,469	20,419	39,772	70,101	4,458	9,714	15,198	10,894	4,651	2,841	1,581	1,030	1,036	1,131
Married	2,201,030	39.0	138,948	198,693	663,406	76,359	167,045	386,809	34,295	30,538	80,708	77,622	30,291	172,268	26,349	31,090	50,445	36,164
Married (Registered)	615,202	10.9	41,129	53,849	275,256	16,490	51,146	115,239	4,773	6,911	19,321	10,667	3,015	6,464	1,491	1,425	4,725	3,301
Married (Not registered)	1,585,828	28.1	97,819	144,844	388,150	59,869	115,899	271,570	29,522	23,627	61,387	66,955	27,276	165,804	24,858	29,665	45,720	32,863
Separated	80,412	1.4	4,544	8,239	28,965	6,068	8,816	11,999	1,120	1,206	2,122	1,728	1,058	2,044	488	564	1,015	436
Divorced	93,729	1.7	6,861	10,876	23,882	3,947	11,955	17,960	2,203	1,848	4,249	2,981	1,330	3,036	567	457	992	585
Widowed	75,584	1.3	5,420	7,708	23,609	4,421	9,325	13,059	952	1,156	2,573	2,089	859	1,927	558	390	950	588
Female Total	6,110,848	100.0	362,940	575,233	1,803,554	255,031	546,148	1,181,712	89,208	94,907	251,123	209,140	76,690	341,364	61,152	67,085	112,858	82,703
Never married	2,364,250	38.7	142,057	217,153	738,130	90,984	221,364	485,173	35,064	36,347	98,585	77,122	25,840	89,778	21,585	19,003	35,888	30,177
Informal/living together	430,777	7.0	25,058	48,857	132,869	26,243	46,848	85,780	5,224	11,746	19,962	13,642	5,636	3,108	1,886	1,355	1,175	1,388
Married	2,456,535	40.2	143,603	219,847	702,862	91,731	181,884	440,058	35,380	32,363	95,022	90,217	34,086	215,741	30,291	40,398	60,745	42,307

Marital Status	All regions		Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
	Number	Percent	Numbers															
Married (Registered)	657,123	10.8	42,537	57,863	288,511	18,051	55,102	128,341	4,514	7,029	21,992	11,855	2,895	6,836	1,526	1,543	5,082	3,446
Married (Not registered)	1,799,412	29.4	101,066	161,984	414,351	73,680	126,782	311,717	30,866	25,334	73,030	78,362	31,191	208,905	28,765	38,855	55,663	38,861
Separated	154,054	2.5	8,269	15,505	56,217	11,097	15,767	25,347	2,087	2,448	4,831	3,682	1,840	2,975	849	664	1,491	985
Divorced	214,332	3.5	14,991	25,184	51,323	7,547	26,405	47,929	5,628	4,040	11,763	7,526	2,500	4,983	1,148	713	1,573	1,079
Widowed	490,900	8.0	28,962	48,687	122,153	27,429	53,880	97,425	5,825	7,963	20,960	16,951	6,788	24,779	5,393	4,952	11,986	6,767
Rural																		
Both sexes	8,123,533	100.0	629,175	754,188	287,619	621,437	906,751	1,291,404	385,859	177,500	315,040	338,172	294,599	633,632	256,564	235,242	596,748	399,603
Never married	2,695,358	33.2	220,237	264,145	107,845	203,251	311,429	455,798	133,430	59,824	113,735	117,047	96,449	170,541	79,406	62,917	182,868	116,436
Informal/living together	819,742	10.1	75,033	93,029	36,457	89,078	136,058	192,164	32,929	23,722	38,932	28,402	28,865	10,624	8,796	6,854	8,327	10,472
Married	3,708,901	45.7	270,198	289,313	116,319	223,163	328,503	493,490	182,426	76,955	128,428	161,455	137,001	418,361	149,036	151,762	342,740	239,751
Married (Registered)	345,519	4.3	25,225	32,993	32,680	21,091	50,697	81,506	12,299	7,691	14,518	9,106	6,120	10,302	5,015	6,821	14,262	15,193
Married (Not registered)	3,363,382	41.4	244,973	256,320	83,639	202,072	277,806	411,984	170,127	69,264	113,910	152,349	130,881	408,059	144,021	144,941	328,478	224,558
Separated	170,624	2.1	12,936	18,766	8,023	28,179	28,983	29,183	6,447	3,544	5,547	5,158	6,554	3,491	3,183	1,304	6,134	3,192
Divorced	245,004	3.0	23,435	35,497	5,536	21,270	37,754	48,172	16,417	5,385	11,443	9,327	8,084	5,585	3,718	1,774	7,890	3,717
Widowed	483,904	6.0	27,336	53,438	13,439	56,496	64,024	72,597	14,210	8,070	16,955	16,783	17,646	25,030	12,425	10,631	48,789	26,035
Male Total	3,995,798	100.0	329,658	358,630	141,900	286,998	448,281	643,680	202,555	92,728	158,241	173,871	148,702	302,969	127,740	111,176	279,260	189,409
Never married	1,643,350	41.1	137,117	151,162	62,381	119,906	183,185	272,854	83,270	37,551	70,443	74,800	61,748	111,182	51,127	40,387	112,377	73,860
Informal/living together	374,877	9.4	36,315	41,239	16,665	38,016	63,238	88,392	15,730	11,210	17,345	12,853	13,055	4,890	4,213	3,147	3,830	4,739
Married	1,743,312	43.6	137,306	139,911	55,666	101,408	162,405	242,195	91,863	38,568	61,988	77,406	64,544	181,058	67,616	65,205	151,060	105,113
Married (Registered)	169,216	4.2	12,936	16,197	16,117	10,247	25,263	40,032	6,334	3,899	7,074	4,434	3,024	4,802	2,362	2,946	6,522	7,027
Married (Not registered)	1,574,096	39.4	124,370	123,714	39,549	91,161	137,142	202,163	85,529	34,669	54,914	72,972	61,520	176,256	65,254	62,259	144,538	98,086
Separated	72,599	1.8	5,586	7,266	3,088	11,201	12,834	11,910	2,972	1,691	2,286	2,370	3,067	1,472	1,575	572	3,224	1,485
Divorced	97,103	2.4	8,591	11,882	2,011	8,496	15,578	18,203	6,314	2,409	4,049	4,028	3,652	2,625	1,801	1,037	4,469	1,958
Widowed	64,557	1.6	4,743	7,170	2,089	7,971	11,041	10,126	2,406	1,299	2,130	2,414	2,636	1,742	1,408	828	4,300	2,254
Female Total	4,127,735	100.0	299,517	395,558	145,719	334,439	458,470	647,724	183,304	84,772	156,799	164,301	145,897	330,663	128,824	124,066	317,488	210,194

Marital Status	All regions		Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
	Number	Percent	Numbers															
Never married	1,052,008	25.5	83,120	112,983	45,464	83,345	128,244	182,944	50,160	22,273	43,292	42,247	34,701	59,359	28,279	22,530	70,491	42,576
Informal/living together	444,865	10.8	38,718	51,790	19,792	51,062	72,820	103,772	17,199	12,512	21,587	15,549	15,810	5,734	4,583	3,707	4,497	5,733
Married	1,965,589	47.6	132,892	149,402	60,653	121,755	166,098	251,295	90,563	38,387	66,440	84,049	72,457	237,303	81,420	86,557	191,680	134,638
Married (Registered)	176,303	4.3	12,289	16,796	16,563	10,844	25,434	41,474	5,965	3,792	7,444	4,672	3,096	5,500	2,653	3,875	7,740	8,166
Married (Not registered)	1,789,286	43.3	120,603	132,606	44,090	110,911	140,664	209,821	84,598	34,595	58,996	79,377	69,361	231,803	78,767	82,682	183,940	126,472
Separated	98,025	2.4	7,350	11,500	4,935	16,978	16,149	17,273	3,475	1,853	3,261	2,788	3,487	2,019	1,608	732	2,910	1,707
Divorced	147,901	3.6	14,844	23,615	3,525	12,774	22,176	29,969	10,103	2,976	7,394	5,299	4,432	2,960	1,917	737	3,421	1,759
Widowed	419,347	10.2	22,593	46,268	11,350	48,525	52,983	62,471	11,804	6,771	14,825	14,369	15,010	23,288	11,017	9,803	44,489	23,781

TABLE 5.7: POPULATION BY RELIGIOUS AFFILIATION, SEX AND REGION

Religious Affiliation	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
All locality types	30,753,327	100.0	2,054,863	2,853,335	5,437,084	1,654,650	2,918,623	5,428,181	878,855	563,643	1,205,462	1,199,786	744,483	2,306,808	652,572	657,833	1,298,179	898,970
Both Sexes																		
Christian	21,932,708	71.3	1,705,912	2,399,764	4,587,515	1,301,612	2,512,423	4,238,927	695,947	422,472	980,272	752,292	474,599	419,216	183,598	202,881	641,878	413,400
Catholic	3,071,844	10.0	227,687	215,851	310,769	189,013	156,777	522,586	124,540	71,110	238,843	170,072	94,920	115,186	69,636	28,226	232,774	303,854
Protestant	5,364,320	17.4	434,496	560,242	1,033,081	321,711	700,978	1,192,037	184,103	104,804	271,211	192,130	85,535	77,916	27,447	44,426	108,365	25,838
Pentecostal/Charismatic	9,703,351	31.6	717,294	1,057,847	2,569,981	606,714	1,186,714	1,723,369	277,120	175,838	355,740	263,631	217,213	132,547	54,791	94,714	211,813	58,025
Other Christian	3,793,193	12.3	326,435	565,824	673,684	184,174	467,954	800,935	110,184	70,720	114,478	126,459	76,931	93,567	31,724	35,515	88,926	25,683
Islam	6,108,530	19.9	193,794	259,902	631,591	77,136	194,838	866,117	105,226	93,153	154,145	289,268	97,928	1,532,977	418,352	402,352	385,020	406,731
Traditionalist	999,319	3.2	6,591	8,570	14,767	160,439	16,064	22,270	3,074	1,706	7,707	45,530	94,711	265,766	28,861	39,975	227,626	55,662
Other Religion	1,384,049	4.5	129,112	147,009	152,511	99,502	154,527	251,678	56,866	29,020	48,732	89,927	66,212	80,636	17,403	10,481	31,034	19,399
No Religion	328,721	1.1	19,454	38,090	50,700	15,961	40,771	49,189	17,742	17,292	14,606	22,769	11,033	8,213	4,358	2,144	12,621	3,778
Male																		
Total	15,159,792	100.0	1,042,265	1,387,869	2,668,175	788,516	1,433,360	2,673,566	450,991	284,848	594,945	601,280	376,362	1,139,743	327,367	321,656	629,694	439,155
Christian	10,414,106	68.7	829,274	1,126,657	2,200,306	601,654	1,188,539	2,008,403	342,114	204,406	467,409	357,606	231,287	198,757	88,939	93,796	281,848	193,111
Catholic	1,491,803	9.8	112,747	103,977	157,311	90,648	79,797	254,021	61,790	35,526	116,349	83,455	47,206	55,222	33,613	13,313	103,687	143,141
Protestant	2,534,234	16.7	209,976	261,750	489,917	149,336	330,462	559,858	90,733	50,637	128,556	89,962	42,008	37,205	13,535	20,573	47,517	12,209
Pentecostal/Charismatic	4,552,335	30.0	344,700	492,781	1,216,847	275,475	552,881	807,037	134,741	83,536	166,975	123,884	104,399	62,036	26,070	43,502	91,875	25,596
Other Christian	1,835,734	12.1	161,851	268,149	336,231	86,195	225,399	387,487	54,850	34,707	55,529	60,305	37,674	44,294	15,721	16,408	38,769	12,165
Islam	3,111,280	20.5	106,966	135,749	324,582	40,354	104,727	446,907	57,332	49,613	80,707	149,456	51,238	761,423	211,020	198,129	190,330	202,747
Traditionalist	539,940	3.6	3,626	4,941	8,761	77,597	9,569	13,266	1,996	1,143	4,757	26,067	50,035	134,277	15,891	23,219	133,930	30,865
Other Religion	939,596	6.2	93,222	103,137	109,732	61,595	111,134	182,309	40,963	21,239	35,135	57,290	38,462	41,426	9,532	5,524	18,189	10,707
No Religion	154,870	1.0	9,177	17,385	24,794	7,316	19,391	22,681	8,586	8,447	6,937	10,861	5,340	3,860	1,985	988	5,397	1,725
Female																		
Total	15,593,535	100.0	1,012,598	1,465,466	2,768,909	866,134	1,485,263	2,754,615	427,864	278,795	610,517	598,506	368,121	1,167,065	325,205	336,177	668,485	459,815
Christian	11,518,602	73.9	876,638	1,273,107	2,387,209	699,958	1,323,884	2,230,524	353,833	218,066	512,863	394,686	243,312	220,459	94,659	109,085	360,030	220,289
Catholic	1,580,041	10.1	114,940	111,874	153,458	98,365	76,980	268,565	62,750	35,584	122,494	86,617	47,714	59,964	36,023	14,913	129,087	160,713

Religious Affiliation	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Protestant	2,830,086	18.1	224,520	298,492	543,164	172,375	370,516	632,179	93,370	54,167	142,655	102,168	43,527	40,711	13,912	23,853	60,848	13,629
Pentecostal/ Charismatic Other Christian	5,151,016	33.0	372,594	565,066	1,353,134	331,239	633,833	916,332	142,379	92,302	188,765	139,747	112,814	70,511	28,721	51,212	119,938	32,429
Islam	1,957,459	12.6	164,584	297,675	337,453	97,979	242,555	413,448	55,334	36,013	58,949	66,154	39,257	49,273	16,003	19,107	50,157	13,518
Traditionalist	2,997,250	19.2	86,828	124,153	307,009	36,782	90,111	419,210	47,894	43,540	73,438	139,812	46,690	771,554	207,332	204,223	194,690	203,984
Other Religion	459,379	2.9	2,965	3,629	6,006	82,842	6,495	9,004	1,078	563	2,950	19,463	44,676	131,489	12,970	16,756	93,696	24,797
No Religion	444,453	2.9	35,890	43,872	42,779	37,907	43,393	69,369	15,903	7,781	13,597	32,637	27,750	39,210	7,871	4,957	12,845	8,692
	173,851	1.1	10,277	20,705	25,906	8,645	21,380	26,508	9,156	8,845	7,669	11,908	5,693	4,353	2,373	1,156	7,224	2,053
Urban																		
Both Sexes	17,408,189	100.0	1,058,882	1,650,045	4,983,399	695,063	1,500,189	3,344,030	260,901	274,061	705,616	630,002	241,728	1,092,687	193,049	214,205	328,046	236,286
Christian	12,999,733	74.7	907,812	1,386,393	4,194,182	566,682	1,298,562	2,631,089	213,147	211,465	582,044	396,392	154,833	117,575	40,239	48,597	153,640	97,081
Catholic	1,493,381	8.6	113,335	116,153	292,255	86,034	83,951	303,698	35,771	31,153	114,786	77,060	27,176	39,222	18,294	8,481	72,899	73,113
Protestant	3,214,620	18.5	232,036	309,341	953,664	131,815	370,002	734,759	59,446	51,690	165,122	105,235	29,799	22,272	5,469	13,911	22,745	7,314
Pentecostal/ Charismatic Other Christian	6,010,666	34.5	385,211	639,595	2,334,448	266,172	598,949	1,084,958	77,816	88,691	224,367	136,021	68,444	30,884	8,961	16,739	38,551	10,859
Islam	2,281,066	13.1	177,230	321,304	613,815	82,661	245,660	507,674	40,114	39,931	77,769	78,076	29,414	25,197	7,515	9,466	19,445	5,795
Traditionalist	3,545,901	20.4	92,635	169,845	602,291	47,801	118,940	565,838	28,574	40,713	93,641	183,915	47,544	952,062	149,731	161,182	154,665	136,524
Other Religion	130,894	0.8	1,808	4,122	9,164	41,339	3,027	6,513	418	440	1,516	8,559	20,533	15,188	995	2,438	13,872	962
No Religion	569,203	3.3	48,664	72,137	134,061	34,677	62,796	112,877	12,310	11,915	20,175	31,201	15,103	6,177	1,136	1,556	3,547	871
	162,458	0.9	7,963	17,548	43,701	4,564	16,864	27,713	6,452	9,528	8,240	9,935	3,715	1,685	948	432	2,322	848
Male																		
Total	8,477,072	100.0	525,101	798,424	2,441,724	327,991	719,237	1,622,410	128,846	134,072	341,210	307,685	119,912	538,801	95,573	103,797	157,952	114,337
Christian	6,137,664	72.4	434,905	650,232	2,008,727	259,911	601,716	1,236,789	101,373	99,119	272,860	183,989	74,097	56,494	19,179	22,560	70,047	45,666
Catholic	724,190	8.5	55,482	56,298	147,710	41,326	41,849	145,814	17,141	15,086	54,823	36,670	13,135	18,866	8,764	4,050	33,367	33,809
Protestant	1,506,227	17.8	110,250	144,404	450,958	60,492	170,885	342,483	28,461	24,108	77,272	48,416	14,451	10,805	2,599	6,414	10,480	3,749
Pentecostal/ Charismatic Other Christian	2,803,701	33.1	182,095	296,899	1,103,589	119,893	272,519	504,232	36,181	40,878	103,537	62,294	32,352	14,724	4,173	7,719	17,361	5,255
Islam	1,103,546	13.0	87,078	152,631	306,470	38,200	116,463	244,260	19,590	19,047	37,228	36,609	14,159	12,099	3,643	4,377	8,839	2,853
	1,790,582	21.1	50,032	87,672	308,727	24,778	62,667	286,786	15,145	21,326	48,423	94,061	24,465	470,343	74,625	78,564	75,922	67,046

Religious Affiliation	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Traditionalist	71,365	0.8	1,032	2,422	5,750	19,657	1,799	4,035	298	306	1,031	4,879	10,800	7,872	601	1,594	8,612	677
Other Religion	401,199	4.7	35,373	50,146	97,091	21,582	45,167	82,161	9,018	8,816	15,066	20,097	8,876	3,318	730	890	2,312	556
No Religion	76,262	0.9	3,759	7,952	21,429	2,063	7,888	12,639	3,012	4,505	3,830	4,659	1,674	774	438	189	1,059	392
Female																		
Total	8,931,117	100.0	533,781	851,621	2,541,675	367,072	780,952	1,721,620	132,055	139,989	364,406	322,317	121,816	553,886	97,476	110,408	170,094	121,949
Christian	6,862,069	76.8	472,907	736,161	2,185,455	306,771	696,846	1,394,300	111,774	112,346	309,184	212,403	80,736	61,081	21,060	26,037	83,593	51,415
Catholic	769,191	8.6	57,853	59,855	144,545	44,708	42,102	157,884	18,630	16,067	59,963	40,390	14,041	20,356	9,530	4,431	39,532	39,304
Protestant	1,708,393	19.1	121,786	164,937	502,706	71,323	199,117	392,276	30,985	27,582	87,850	56,819	15,348	11,467	2,870	7,497	12,265	3,565
Pentecostal/ Charismatic Other Christian	3,206,965	35.9	203,116	342,696	1,230,859	146,279	326,430	580,726	41,635	47,813	120,830	73,727	36,092	16,160	4,788	9,020	21,190	5,604
Islam	1,755,319	19.7	42,603	82,173	293,564	23,023	56,273	279,052	13,429	19,387	45,218	89,854	23,079	481,719	75,106	82,618	78,743	69,478
Traditionalist	59,529	0.7	776	1,700	3,414	21,682	1,228	2,478	120	134	485	3,680	9,733	7,316	394	844	5,260	285
Other Religion	168,004	1.9	13,291	21,991	36,970	13,095	17,629	30,716	3,292	3,099	5,109	11,104	6,227	2,859	406	666	1,235	315
No Religion	86,196	1.0	4,204	9,596	22,272	2,501	8,976	15,074	3,440	5,023	4,410	5,276	2,041	911	510	243	1,263	456
Rural																		
Both Sexes	13,345,138	100.0	995,981	1,203,290	453,685	959,587	1,418,434	2,084,151	617,954	289,582	499,846	569,784	502,755	1,214,121	459,523	443,628	970,133	662,684
Christian	8,932,975	66.9	798,100	1,013,371	393,333	734,930	1,213,861	1,607,838	482,800	211,007	398,228	355,900	319,766	301,641	143,359	154,284	488,238	316,319
Catholic	1,578,463	11.8	114,352	99,698	18,514	102,979	72,826	218,888	88,769	39,957	124,057	93,012	67,744	75,964	51,342	19,745	159,875	230,741
Protestant	2,149,700	16.1	202,460	250,901	79,417	189,896	330,976	457,278	124,657	53,114	106,089	86,895	55,736	55,644	21,978	30,515	85,620	18,524
Pentecostal/ Charismatic Other Christian	3,692,685	27.7	332,083	418,252	235,533	340,542	587,765	638,411	199,304	87,147	131,373	127,610	148,769	101,663	45,830	77,975	173,262	47,166
Islam	2,562,629	19.2	101,159	90,057	29,300	29,335	75,898	300,279	76,652	52,440	60,504	105,353	50,384	580,915	268,621	241,170	230,355	270,207
Traditionalist	868,425	6.5	4,783	4,448	5,603	119,100	13,037	15,757	2,656	1,266	6,191	36,971	74,178	250,578	27,866	37,537	213,754	54,700
Other Religion	814,846	6.1	80,448	74,872	18,450	64,825	91,731	138,801	44,556	17,105	28,557	58,726	51,109	74,459	16,267	8,925	27,487	18,528
No Religion	166,263	1.2	11,491	20,542	6,999	11,397	23,907	21,476	11,290	7,764	6,366	12,834	7,318	6,528	3,410	1,712	10,299	2,930

Religious Affiliation	All regions		Region															
	Number	Percent	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Male																		
Total	6,682,720	100.0	517,164	589,445	226,451	460,525	714,123	1,051,156	322,145	150,776	253,735	293,595	256,450	600,942	231,794	217,859	471,742	324,818
Christian	4,276,442	64.0	394,369	476,425	191,579	341,743	586,823	771,614	240,741	105,287	194,549	173,617	157,190	142,263	69,760	71,236	211,801	147,445
Catholic	767,613	11.5	57,265	47,679	9,601	49,322	37,948	108,207	44,649	20,440	61,526	46,785	34,071	36,356	24,849	9,263	70,320	109,332
Protestant	1,028,007	15.4	99,726	117,346	38,959	88,844	159,577	217,375	62,272	26,529	51,284	41,546	27,557	26,400	10,936	14,159	37,037	8,460
Pentecostal/ Charismatic	1,748,634	26.2	162,605	195,882	113,258	155,582	280,362	302,805	98,560	42,658	63,438	61,590	72,047	47,312	21,897	35,783	74,514	20,341
Other Christian	732,188	11.0	74,773	115,518	29,761	47,995	108,936	143,227	35,260	15,660	18,301	23,696	23,515	32,195	12,078	12,031	29,930	9,312
Islam	1,320,698	19.8	56,934	48,077	15,855	15,576	42,060	160,121	42,187	28,287	32,284	55,395	26,773	291,080	136,395	119,565	114,408	135,701
Traditionalist	468,575	7.0	2,594	2,519	3,011	57,940	7,770	9,231	1,698	837	3,726	21,188	39,235	126,405	15,290	21,625	125,318	30,188
Other Religion	538,397	8.1	57,849	52,991	12,641	40,013	65,967	100,148	31,945	12,423	20,069	37,193	29,586	38,108	8,802	4,634	15,877	10,151
No Religion	78,608	1.2	5,418	9,433	3,365	5,253	11,503	10,042	5,574	3,942	3,107	6,202	3,666	3,086	1,547	799	4,338	1,333
Female																		
Total	6,662,418	100.0	478,817	613,845	227,234	499,062	704,311	1,032,995	295,809	138,806	246,111	276,189	246,305	613,179	227,729	225,769	498,391	337,866
Christian	4,656,533	69.9	403,731	536,946	201,754	393,187	627,038	836,224	242,059	105,720	203,679	182,283	162,576	159,378	73,599	83,048	276,437	168,874
Catholic	810,850	12.2	57,087	52,019	8,913	53,657	34,878	110,681	44,120	19,517	62,531	46,227	33,673	39,608	26,493	10,482	89,555	121,409
Protestant	1,121,693	16.8	102,734	133,555	40,458	101,052	171,399	239,903	62,385	26,585	54,805	45,349	28,179	29,244	11,042	16,356	48,583	10,064
Pentecostal/ Charismatic	1,944,051	29.2	169,478	222,370	122,275	184,960	307,403	335,606	100,744	44,489	67,935	66,020	76,722	54,351	23,933	42,192	98,748	26,825
Other Christian	779,939	11.7	74,432	129,002	30,108	53,518	113,358	150,034	34,810	15,129	18,408	24,687	24,002	36,175	12,131	14,018	39,551	10,576
Islam	1,241,931	18.6	44,225	41,980	13,445	13,759	33,838	140,158	34,465	24,153	28,220	49,958	23,611	289,835	132,226	121,605	115,947	134,506
Traditionalist	399,850	6.0	2,189	1,929	2,592	61,160	5,267	6,526	958	429	2,465	15,783	34,943	124,173	12,576	15,912	88,436	24,512
Other Religion	276,449	4.1	22,599	21,881	5,809	24,812	25,764	38,653	12,611	4,682	8,488	21,533	21,523	36,351	7,465	4,291	11,610	8,377
No Religion	87,655	1.3	6,073	11,109	3,634	6,144	12,404	11,434	5,716	3,822	3,259	6,632	3,652	3,442	1,863	913	5,961	1,597

TABLE 5.8: POPULATION COVERED BY HEALTH INSURANCE BY SEX, TYPE OF LOCALITY AND REGION

Region	Population				Health Insurance Coverage					
	Total	Male	Female	Percent covered	Covered			Not Covered		
					Total	Male	Female	Total	Male	Female
Ghana	30,753,327	15,159,792	15,593,535	68.8	21,157,257	9,809,655	11,347,602	9,596,070	5,350,137	4,245,933
Western	2,054,863	1,042,265	1,012,598	63.7	1,308,056	616,117	691,939	746,807	426,148	320,659
Central	2,853,335	1,387,869	1,465,466	58.0	1,655,259	743,412	911,847	1,198,076	644,457	553,619
Greater Accra	5,437,084	2,668,175	2,768,909	60.3	3,279,444	1,490,442	1,789,002	2,157,640	1,177,733	979,907
Volta	1,654,650	788,516	866,134	67.9	1,123,690	502,408	621,282	530,960	286,108	244,852
Eastern	2,918,623	1,433,360	1,485,263	73.5	2,145,892	984,568	1,161,324	772,731	448,792	323,939
Ashanti	5,428,181	2,673,566	2,754,615	71.9	3,903,961	1,800,603	2,103,358	1,524,220	872,963	651,257
Western North	878,855	450,991	427,864	74.4	654,160	316,235	337,925	224,695	134,756	89,939
Ahafo	563,643	284,848	278,795	78.1	440,217	209,900	230,317	123,426	74,948	48,478
Bono	1,205,462	594,945	610,517	85.8	1,033,765	488,618	545,147	171,697	106,327	65,370
Bono East	1,199,786	601,280	598,506	78.6	942,905	448,556	494,349	256,881	152,724	104,157
Oti	744,483	376,362	368,121	52.1	387,964	181,072	206,892	356,519	195,290	161,229
Northern	2,306,808	1,139,743	1,167,065	64.8	1,494,698	705,503	789,195	812,110	434,240	377,870
Savannah	652,572	327,367	325,205	63.7	415,508	201,218	214,290	237,064	126,149	110,915
North East	657,833	321,656	336,177	75.4	496,072	234,355	261,717	161,761	87,301	74,460
Upper East	1,298,179	629,694	668,485	86.4	1,121,934	527,819	594,115	176,245	101,875	74,370
Upper West	898,970	439,155	459,815	83.8	753,732	358,829	394,903	145,238	80,326	64,912
Urban										
Total	17,408,189	8,477,072	8,931,117	73.0	12,709,404	5,866,709	6,842,695	4,698,785	2,610,363	2,088,422
Western	1,058,882	525,101	533,781	73.4	776,796	364,757	412,039	282,086	160,344	121,742
Central	1,650,045	798,424	851,621	63.6	1,049,332	474,589	574,743	600,713	323,835	276,878
Greater Accra	4,983,399	2,441,724	2,541,675	61.0	3,039,531	1,380,546	1,658,985	1,943,868	1,061,178	882,690
Volta	695,063	327,991	367,072	74.9	520,921	234,037	286,884	174,142	93,954	80,188

Region	Population			Health Insurance Coverage						
	Total	Male	Female	Percent covered	Covered			Not Covered		
					Total	Male	Female	Total	Male	Female
Eastern	1,500,189	719,237	780,952	81.9	1,229,400	562,533	666,867	270,789	156,704	114,085
Ashanti	3,344,030	1,622,410	1,721,620	77.4	2,589,357	1,193,688	1,395,669	754,673	428,722	325,951
Western North	260,901	128,846	132,055	85.3	222,446	105,944	116,502	38,455	22,902	15,553
Ahafo	274,061	134,072	139,989	84.3	230,981	108,123	122,858	43,080	25,949	17,131
Bono	705,616	341,210	364,406	89.1	628,588	294,229	334,359	77,028	46,981	30,047
Bono East	630,002	307,685	322,317	86.2	543,099	255,860	287,239	86,903	51,825	35,078
Oti	241,728	119,912	121,816	60.5	146,359	68,663	77,696	95,369	51,249	44,120
Northern	1,092,687	538,801	553,886	77.9	851,667	403,751	447,916	241,020	135,050	105,970
Savannah	193,049	95,573	97,476	85.9	165,734	80,142	85,592	27,315	15,431	11,884
North East	214,205	103,797	110,408	86.9	186,199	88,304	97,895	28,006	15,493	12,513
Upper East	328,046	157,952	170,094	94.2	309,183	146,657	162,526	18,863	11,295	7,568
Upper West	236,286	114,337	121,949	93.0	219,811	104,886	114,925	16,475	9,451	7,024
Rural										
Total	13,345,138	6,682,720	6,662,418	63.3	8,447,853	3,942,946	4,504,907	4,897,285	2,739,774	2,157,511
Western	995,981	517,164	478,817	53.3	531,260	251,360	279,900	464,721	265,804	198,917
Central	1,203,290	589,445	613,845	50.4	605,927	268,823	337,104	597,363	320,622	276,741
Greater Accra	453,685	226,451	227,234	52.9	239,913	109,896	130,017	213,772	116,555	97,217
Volta	959,587	460,525	499,062	62.8	602,769	268,371	334,398	356,818	192,154	164,664
Eastern	1,418,434	714,123	704,311	64.6	916,492	422,035	494,457	501,942	292,088	209,854
Ashanti	2,084,151	1,051,156	1,032,995	63.1	1,314,604	606,915	707,689	769,547	444,241	325,306
Western North	617,954	322,145	295,809	69.9	431,714	210,291	221,423	186,240	111,854	74,386
Ahafo	289,582	150,776	138,806	72.3	209,236	101,777	107,459	80,346	48,999	31,347
Bono	499,846	253,735	246,111	81.1	405,177	194,389	210,788	94,669	59,346	35,323
Bono East	569,784	293,595	276,189	70.2	399,806	192,696	207,110	169,978	100,899	69,079
Oti	502,755	256,450	246,305	48.1	241,605	112,409	129,196	261,150	144,041	117,109

Region	Population			Health Insurance Coverage						
	Total	Male	Female	Percent covered	Covered			Not Covered		
					Total	Male	Female	Total	Male	Female
Northern	1,214,121	600,942	613,179	53.0	643,031	301,752	341,279	571,090	299,190	271,900
Savannah	459,523	231,794	227,729	54.4	249,774	121,076	128,698	209,749	110,718	99,031
North East	443,628	217,859	225,769	69.8	309,873	146,051	163,822	133,755	71,808	61,947
Upper East	970,133	471,742	498,391	83.8	812,751	381,162	431,589	157,382	90,580	66,802
Upper West	662,684	324,818	337,866	80.6	533,921	253,943	279,978	128,763	70,875	57,888

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