



REPUBLIC OF GHANA



ANNUAL HOUSEHOLD INCOME AND
EXPENDITURE SURVEY (AHIES)



GHANA ANNUAL HOUSEHOLD INCOME AND EXPENDITURE SURVEY

Quarter 4 2022 Labour Statistics Report



GHANA STATISTICAL SERVICE
OCTOBER 2023

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**QUARTER 4 2022
LABOUR STATISTICS
REPORT**

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GHANA ANNUAL HOUSEHOLD INCOME AND EXPENDITURE SURVEY PUBLICATIONS

| | |
|----|---------------------------------------------|
| 1 | Quarterly Labour Statistics Report |
| 2 | Quarterly Multidimensional Poverty Report |
| 3 | Quarterly Food Insecurity Report |
| 4 | Biannual Monetary Poverty Report |
| 5 | GDP by Expenditure Quarterly Newsletter |
| 6 | GDP by Expenditure Annual Bulletin |
| 7 | GDP by Expenditure Annual Newsletter |
| 8 | Regional GDP by Expenditure Annual Bulletin |
| 9 | Annual Labour Statistics Report |
| 10 | Annual Multidimensional Poverty Report |
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FOREWORD

The Annual Household Income and Expenditure Survey (AHIES) is the first nationally representative high-frequency household panel survey in Ghana. The AHIES is conducted to obtain quarterly and annual data on household final consumption expenditure and a wide range of demographic, economic and welfare variables including statistics on labour, food security, multidimensional poverty and health status for research, planning, and policy making.

The Fourth Quarter Labour Force Report presents statistics from the four quarters of 2022 data on labour force participation, employment status, vulnerable employment, unemployment rate, labour market inequalities (participation and earnings), and youth not in education, employment, or training. These statistics are disaggregated by sex, age group, region, and type of locality.

This publication targets Government Ministries, Departments, and Agencies (MDAs); Metropolitan, Municipal and District Assemblies (MMDAs), Development Partners, Civil Society Organisations (CSOs), Private Sector, Research and Academia, and the public. The report provides relevant and timely data to inform the implementation and monitoring of the Coordinated Programme of Economic and Social Development Policies, 2017-2024: An Agenda for Jobs: Creating Prosperity and Equal Opportunity for All which aims, among others, to create opportunities for all and build a prosperous country.

The labour force statistics will also support the Ministry of Employment and Labour Relations and the relevant sector stakeholders in the implementation of the National Employment Policy (2014) which aims to create more decent jobs to meet the growing demand for employment, improve the quality of jobs for those who are employed, increase labour productivity, and strengthen governance and labour administration.

Finally, the disaggregated statistics presented in AHIES will support the monitoring of progress towards achieving SDG 5 (Achieve gender equality and empower all women and girls), SDG 8 (Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all), and SDG 10 (Reduce inequality within and among countries). The report will thus guide decision-making and resource allocation to ensure that all adults in Ghana have opportunities for full and productive employment.

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GOVERNMENT STATISTICIAN

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ABBREVIATIONS AND ACRONYMS

| | |
|-------|--------------------------------------------------|
| AHIES | Annual Household Income and Expenditure Survey |
| CAPI | Computer-Assisted Personal Interview |
| CPI | Consumer Price Index |
| CSO | Civil Society Organisation |
| DQMT | Data Quality Management Team |
| EA | Enumeration Area |
| EAP | Economically Active Population |
| GDP | Gross Domestic Product |
| GDP_E | Gross Domestic Product Expenditure |
| GLSS | Ghana Living Standards Survey |
| GSS | Ghana Statistical Service |
| HFCE | Household Final Consumption Expenditure |
| HQ | Headquarters |
| IBES | Integrated Business Establishment Survey |
| IDA | International Development Association |
| ILO | International Labour Organisation |
| MDAs | Government Ministries, Departments, and Agencies |
| MMDA | Metropolitan, Municipal and District Assemblies |
| NEET | Not in education, employment, or training |
| PES | Post Enumeration Survey |
| PHC | Population and Housing Census |
| Q1 | Quarter One |
| Q2 | Quarter Two |
| Q3 | Quarter Three |
| Q4 | Quarter Four |
| PIT | Project Implementing Team |
| SA | Supervisory Area |
| SDGs | Sustainable Development Goals |

1. OVERVIEW OF 2022 ANNUAL HOUSEHOLD INCOME AND EXPENDITURE SURVEY

1.1. Introduction

The Government of Ghana has committed itself to the development of an equitable society as espoused in development policies 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. All these bold national and international initiatives are meant to ensure that “nobody is left behind”. In response to the need for data to support the design, implementation, and monitoring of these international and national policies, the Ghana Statistical Service (GSS) is rolling out the Annual Household Income and Expenditure Survey (AHIES).

The commonality between the rationale of AHIES and the Coordinated Programme of Economic and Social Development Policies is the identification of the same areas of challenges facing Ghana's national development. These are economic (trends in economic growth and income, structure of the economy, poverty, and inequality) and social (child and family welfare, education and training, employment and decent work, and disability and development).

AHIES further responds to 10 out of the 17 Sustainable Development Goals (SDGs 1 to 10) and will generate disaggregated data for reporting on 23 targets under these goals. Specifically, the primary rationale of AHIES, which is to improve the measurement of Gross Domestic Product (GDP), aligns with SDG 8 (Decent Work and Economic Growth). Indeed, an improvement in the measurement of GDP will enhance the tracking of 20 SDG indicators which use economic performance as the indicator. Pathways of using AHIES to improve the measurement of GDP include the use of “near-real” time data to capture Household Final Consumption Expenditure (HFCE) instead of using estimates and generating quarterly and sub-national estimates for GDP.

Currently, data for estimating HFCE is obtained from the Ghana Living Standards Surveys (GLSS), which in the past 24 years have been conducted in intervals of every 5 to 8 years. This means that during the inter-GLSS survey periods, the HFCE is estimated as a residual term in the computation of GDP by the expenditure approach (GDP_E). This implies that the reliability of the estimates is compromised relative to changes in contemporary consumption expenditure patterns given the time lapse and the irregularity in the inter-GLSS periods. Further to this, each GLSS sampling design is based on a thematic focus which varies across different surveys and, therefore, does not allow for derivation of sub-national GDP because the sample at the regional level is not representative of capturing household expenditure for the computation of GDP. Other focal areas of AHIES are the revision of the weights for the computation of the Consumer Price Index (CPI) based on HFCE and the provision of high-frequency estimates for poverty, employment, and food

insecurity. In total, AHIES has 12 thematic areas and 4,087 analysable questions, including a list of items. The 2022 AHIES is the first in a series that will regularly provide representative panel data at the national and regional levels on expenditure, income and living conditions of households and individuals. Data collection for AHIES is quarterly and over the three-year period of January 2022 to December 2024. The panel data makes it possible to understand labour mobility and transitions in and out of poverty and food insecurity to guide the design of targeted interventions. The sub-national statistics will inform resource allocation to reduce spatial inequalities in development. The survey is collecting data on 10,800 households in 600 enumeration areas (EA).

1.2. Objectives of AHIES

The primary objective of AHIES is to establish a longitudinal system for the collection of economic, demographic and social data to improve the measurement of GDP for the monitoring of national development. The secondary objectives are to:

- Provide baseline data for the estimation of household consumption expenditure on a regular basis at regional and national levels;
- Provide information for updating the country's National Accounts;
- Obtain data for updating the basket of consumer goods and services for rebasing Consumer Price Index; and
- Provide quarterly and annual data on a wide range of socio-economic and demographic variables (e.g., labour force, food insecurity, employment, income).

1.3. Expected Outcomes of AHIES

The expected outcomes of AHIES are to be able to:

1. Measure monetary and non-monetary poverty;
2. Compute food insecurity;
3. Estimate labour statistics;
4. Identify labour transitions, poverty and food insecurity transitions; and
5. Identify households and individuals burdened with multiple socio-economic challenges (triple-burdened households and individuals).

1.4. Legal Framework for AHIES

The Ghana Statistical Service derives its legal authority from the Statistical Service Act, 2019 (Act 1003), which mandates the Service to provide quality, relevant, accurate, and timely statistical information for the purpose of national development. Further, Section 37(1) of Act 1003 mandates GSS to conduct other censuses and surveys as may be directed by the Governing Board. It is in line with this mandate that GSS has initiated the Annual Household Income and Expenditure Survey (AHIES), with the first conducted in 2022.

1.5. AHIES Organisational Structure

The AHIES National Project Director is the Government Statistician, assisted by the Deputy Government Statistician as Deputy National Director. The National Project Director presided over a Project Technical Committee (PTC) which was headed by a Project Technical Director who served as the Coordinator. The PTC provided strategic oversight, with the Coordinator being responsible for the day-to-day operations. The Coordinator presided over a Project Implementing Team (PIT) based at the GSS head office.

The PIT provided technical assistance in all aspects of project implementation including the design of instruments and training materials; recruitment and training; monitoring of field activities; data analysis and report writing. Regional Statisticians, who assisted with the implementation of the project in their regions reported directly to the Coordinator. For the field data collection, a supervisor oversaw a team comprising five interviewers and a driver responsible for the team's transportation.

1.6. Finance and Logistics

The main source of funding for the 2022 AHIES is the Harmonising and Improving Statistics in West Africa (HISWA) Project (P169265), an International Development Association (IDA) package provided by the World Bank. The budget for the 2022 AHIES is six million three hundred and seventeen thousand, eight hundred and thirty-eight United States Dollars (US\$6,317,838). The G-money Electronic Payment System (G-money) was used to facilitate the transfer of payment to field officers. The System was used because it was found to be prompt and of lower cost relative to other modes of payments.

The acquisition, storage, and deployment of logistics for training and fieldwork were coordinated by the GSS Procurement Unit, the Stores and the Project Implementation Team. The Procurement Unit was also responsible for immediately replacing defective items, which led to the smooth implementation of the survey.

1.7. Publicity, Education and Advocacy

To encourage selected respondents to actively participate in the survey, AHIES utilised the Integrated Marketing Communications approach which selects the communication style based on the demographics of the respondents. This involved the use of media, house engagement, F&Q flyers, and use of community communication centres.

For the community-level engagements, team supervisors scheduled advance meetings with local opinion leaders to officially inform them about the objectives of AHIES and secure their acceptance of the field officers in their communities. Opinion leaders were also sensitised on the objectives of the project to obtain the cooperation of the community members. Interviewers were also trained to be able to communicate the objectives and relevance of AHIES to respondents at the household level.

These strategies were adopted with the aim of reducing the non-response rate and promoting respondents' cooperation and active participation.

1.8. Instruments and Procedures

AHIES utilised one composite questionnaire with the following modules: demographic characteristics, migration, education, health, economic activity, household food insecurity, housing, household income and expenditure, non-farm enterprise, asset ownership, remittances, and mortality. As an E-Survey, a Computer Assisted Personal Interviewing (CAPI) questionnaire was produced. However, for training purposes, a Paper Assisted Personal Interviewing (PAPI) copy was also produced. A field officers' manual was also produced for both training and field work.

1.9. Information Technology (IT)

1.9.1. IT Operations

The AHIES, being an E-Survey, demanded the full deployment of technology in all aspects of implementation: use of interactive maps, CAPI, asset management, data transmission and storage, data quality management, data processing, and data monitoring. Electronic data capture required the use of tablets programmed with the Computer Assisted Personal Interview (CAPI) application.

1.9.2. Tablets Provisioning

Tablets provisioning involved the testing and the uploading of all required content materials for the survey onto the tablets. The provisioning process involved four stages. The first involved an inventory of all tablets for the survey. The second stage, pre-provisioning, involved the basic configuration such as the resetting of dates and times, checking for the required specifications and validating functionality. The third stage involved the actual provisioning of the tablets by uploading the requisite content which were the questionnaire, Field Officer's Manual, Supervisory Area (SA) and Enumeration Area (EA) maps. The final post-provisioning stage was for the labelling, preparation and distribution of tablets to field officers.

1.9.3. Assets Retrieval

After fieldwork for the year is completed, all tablets and accessories will be retrieved from field officers and transported back to the head office. There, checks will be conducted to document whether all the tablets, with the specific labels that were deployed have been retrieved.

1.10. Map Preparation

AHIES utilised both analogue and interactive maps for field officers to identify, locate and travel within their assigned enumeration areas. The maps, with their attached descriptive forms, provided information on localities, geographical boundaries, and other notable landmarks.

1.11. Recruitment, Training and Deployment of Teams

1.11.1. Recruitment

Qualified applicants were drawn from the Enumerators' Bureau as well as seasoned field officers including those who took part in GLSS/IBES/PHC2021/PES.

The Enumerators' Bureau is a database of certified and experienced field officers who have participated in censuses and surveys organised by GSS. The initial screening, which was done electronically, considered educational qualifications (minimum qualification of a Higher National Diploma), previous experience with data collection, districts or locality of residence, and local language(s) spoken by applicants. During the shortlisting stage, gender dimension was considered. Shortlisted applicants were invited for online interviews to further assess their suitability for the role. At least 20% of those recruited were females. The best candidates during the training were appointed as supervisors.

1.11.2. Training

There were two levels of trainings: one for the pre-test exercise and the other for the main field data collection. Training of field officers for the main field work was implemented in three phases comprising virtual and face-to-face sessions. An initial two-day virtual training was organised to introduce trainees to the survey and the economic activity module, with emphasis on occupation and industry classifications. This was followed by a 17-day face-to-face training, then a two-day virtual refresher training for only selected field officers. In addition, an orientation programme was organised for supervisors and team drivers before they were deployed to the field. Facilitators for the training consisted of GSS staff and subject experts.

The training involved PowerPoint presentations, discussion of the questionnaires, mock interviews, translation of questions into local languages and field practice. The AHIES Field Officers' Manual was used to guide the training.

As part of the training, a paper-based questionnaire was used for the first pre-test to assess whether the questions were comprehensible, responses were exhaustive and clear, and questions in each module flowed in a logical manner. Pre-testing of the questionnaire using Computer-Assisted Personal Interviewing (CAPI) followed by data quality management guidelines to evaluate coverage and validation of real-time data from the field officers.

The pre-tests enabled the PIT to fine-tune the interviewing procedures and determine the duration of an average interview to estimate the recommended number of interviews to be completed daily by each interviewer in order to minimise respondent fatigue and ensure data quality.

The interviewers were also educated on the Statistical Service Act (Act 1003), the legal responsibilities of field officers and the sanctions for violating any of the stipulations of the Act.

There were four assessments to evaluate trainees comprising written assessments, field practice and observations. Overall, 291 trainees were invited and trained for the data collection. Trainees were divided into five classes with four facilitators per class and a maximum of 60 trainees in a class.

At the end of the training, 200 interviewers, 40 supervisors and six data quality monitors were selected based on performance on class assessments (50%), field practice (30%) and class participation (20%).

1.12. Deployment of Teams

The selected 240 field officers were grouped into 40 teams, each comprising five interviewers, a supervisor and in addition, a driver and these teams were deployed to the field. Each team was assigned 15 clusters to complete in 33 days for each cycle. Field officers who needed to travel across water bodies were provided life jackets.

Two IT Support Officers and six Data Quality Monitors were assigned to assist all the teams for real-time data quality monitoring. Additionally, each team had a field monitor who reported on adherence to data quality procedures.

In adherence to the dictates of Act 1003, all field officers took an Oath of Secrecy to protect the confidentiality of respondents before the start of the field work.

1.13. Data Quality Management

The use of CAPI and tablets was the first data quality control mechanism. The CAPI allowed internal consistency checks and daily syncing of data for daily review and feedback during data collection by the data quality management teams (DQMTs) at HQ. In addition, the DQMT checked the data for errors, inconsistencies, missing values and duplicates. Where any challenge was identified, it was reported to the supervisor who was expected to investigate and effect the necessary correction.

1.14. Data Transmission and Storage

Dual approaches were utilised for the transmission and storage of data.

First, the interviewer's transmitted data collected daily to their supervisors via Bluetooth (horizontal approach) and to the GSS central server via the internet (vertical approach). Second, supervisor's transmitted data received from their interviewers to the central server at HQ via the internet. This was done to ensure back-up of data.

1.15. Quality Assurance, Monitoring and Evaluation

Quality assurance, monitoring and evaluation were integrated into every aspect of the AHIES. The structure consisted of the national monitoring team at the apex and comprised of management and staff of GSS and constituted the national monitoring team. Next was the PIT. To ensure effective monitoring and evaluation, each PIT member was assigned two to four teams to monitor for the identification and resolution of challenges in a timely manner. This was followed by the regional monitoring team, led

by the Regional Statistician, which supervised activities in their areas of jurisdiction. At the enumeration level were the field monitors who ensured effective data collection, reviewed daily work, investigated identified challenges and were responsible for effecting changes where the need arose.

2. LABOUR REPORT BACKGROUND INFORMATION

The quality of labour supply and its corresponding demand remain pivotal to transforming national and global economies. Issues around skills development, job creation, and sector and status of employment, especially among the youth, underscore the growth performance and trajectories of all economies. Other related issues are the quality of the education and training system and ability to supply the skills demanded by a diversified and competitive economy, and a better understanding of the functioning of the formal and informal sectors of the economy.

The Sustainable Development Goal (SDG) 8 which focuses on employment and economic growth, qualifies the former with the need for decent work. The four pillars of the Decent Work Agenda of the International Labour Organisation (ILO) are employment creation, social protection, rights at work and social dialogue. The ILO sums up decent work as the aspirations of people in their working lives, and it involves opportunities for work that is productive and provides a fair income, security in the workplace and improved prospects for personal development.

The country's development framework, the Coordinated Programme of Economic and Social Development Policies, 2017-2024: An Agenda for Jobs: Creating Prosperity and Equal Opportunity for All, notes that "labour productivity is an important ingredient for a productive economy and a key measure of economic performance". The framework assumes that the economy will expand to encompass job creation opportunities, improve labour market participation, increase the population in decent employment, and reduce inequalities. Hence, to monitor progress towards achieving policy goals, accurate and timely data on the labour force are required.

Since independence, only one stand-alone Labour Force Survey (LFS) has been conducted in the country, and that was in 2015. However, questions relating to employment, unemployment, and other measures of labour underutilisation have been included in censuses and national surveys such as the Ghana Living Standards Surveys (GLSSs), which on average, are respectively conducted in 10-year and 5-year intervals. As a result, in-depth information on the labour force, detailing some characteristics for policy planning, especially in-between census, and survey years, are not available. Furthermore, statistics on the population in vulnerable employment and those not in employment, education, or training (NEET), which are not normally collected during censuses and surveys, have hardly featured in planning and policy-making.

The Annual Household Income and Expenditure Survey (AHIES), beginning in 2022, has been designed to produce frequent labour statistics on a quarterly and annual basis to support policy planning, monitoring, evaluation, and decision-making. Further to improve the frequency of the labour statistics, the panel nature of AHIES provides data on labour mobilities across sectors and the status of employment.

This report, generated from the 2022 AHIES data, assesses mobilities across employment, unemployment and outside labour force statuses and provides other employment-

related statistics such as the period for transitioning to work after school or apprenticeship, gender pay gaps and safety measures compliance at the workplace.

All these statistics have been disaggregated across different demographic, geographical, social, and economic variables.

The subsequent sections of the report provide the definitions of concepts, highlights of results with charts and detailed results presented in tables.

3. DEFINITION OF CONCEPTS

3.1. Work

Work refers to any activity performed by a person 15 years and older to produce goods and services for use by others or for their own use. That is, the engagement in work is associated with the production of goods and services regardless of whether the work done was voluntary, non-voluntary, apprenticeship or for one's own final use or not. This could be an activity that the person was remunerated for or otherwise within the reference period (7 days preceding the interview).

3.2. Worked but not employed

This refers to an activity within the reference period, performed by persons 15 years and older to produce goods and services for use by others or for their own use without pay or profit.

3.3. Economically Active Population (Labour Force)

The economically active population comprises all persons 15 years and older who furnish the supply of labour for the production of economic goods and services. This covers persons 15 years and older who were either employed or unemployed seven days preceding the interview date.

3.4. Employed Persons

This refers to all persons 15 years and older, who engaged in any activity to produce goods or provide services for pay or profit (either in cash or in-kind) during the reference period. Within the reference period (7 days preceding the interview), these persons could be "at work" or "not at work" due to temporary absence.

Employed persons include those who during the reference period:

- Worked at least one hour in their paid job or business activity, including self-employment;
- Had a paid job or business but did not work due to temporary absence for reasons such as illness, personal or family responsibilities, vacation, etc., and would go back to this job after the period of absence;
- Was engaged in a family business for payment in cash or in kind.

3.5. Employment-to-Population Ratio

Employment-to-population ratio (EPR) is the proportion of the population that is employed expressed as a percentage of the working-age population (15 years and older).

Method of computation

The employment-to-population ratio (EPR) is calculated as follows:

$$EPR = \frac{\text{Employed population 15 years and older}}{\text{Population 15 years and older}} \times 100$$

Interpretation:

The employment-to-population ratio provides information on the ability of the economy to create employment. A high ratio means that a large proportion of the country's population is employed, while a low ratio means that a large share of the population is not involved directly in market-related activities, because they are either unemployed or out of the labour force.

3.6. Paid Employment

Paid employment refers to work performed during the reference period for which wage or salary was received or expected to be received, either in cash or in kind. It includes persons who were temporarily not at work during the reference period but had work to return to and had received or expected to receive payment.

3.7. Self-Employment

Self-employment refers to a situation in which persons operate their own enterprise (e.g., a farmer, kenkey seller, or carpenter working in his/her own enterprise), or persons work in a business enterprise such as a farm or a service undertaking but were temporarily not at work during the reference period for any specific reason. A self-employed person does not work for a specific employer who pays him/her a salary or wage.

3.8. Unemployed Persons

Unemployed persons refer to all persons 15 years and older, who in the seven days preceding the interview date:

Did not work and did not have work to go back to; and were available to work.

This report uses the broad unemployment definition which relaxes the requirement that the person must be available and actively looking for work. This is because, in Ghana, as in many developing economies, work opportunities are limited, and potential workers may give up after unsuccessful periods of looking for work.

3.9. Unemployment Rate

The unemployment rate is the number of unemployed persons 15 years and older divided by the economically active population 15 years and older multiplied by 100. This is different from the proportion of the population unemployed which is computed using the entire population 15 years and older (within and outside the labour force).

Method of computation

The unemployment rate (UR) is calculated as follows:

$$UR = \frac{\text{Persons unemployed}}{\text{Persons employed} + \text{Persons unemployed}} \times 100$$

Interpretation:

It reflects the inability of an economy to generate employment for those persons who want to work but are not doing so, even though they are available. A high ratio means that a large proportion of the country's population is unemployed, while a low ratio means that a large share of the population is involved directly in market-related activities, because they are employed.

3.10. Share of Youth Not in Employment, Education or Training (Youth NEET Rate)

The share of youth not in employment, education or training (NEET) conveys the proportion of young persons not in education, employment or training as a percentage of the total youth population. The NEET Rate provides a measure of youth who are outside the educational system, not in training and not in employment, and thus serves as a broader measure of potential youth labour market entrants than youth unemployment, since it also includes young persons outside the labour force not in education or training.

Method of computation

$$\begin{aligned} & \text{NEET Rate} \\ & = \frac{\text{Youth popn} - \text{Youth in employment} - \text{Youth not in employment but in education or training}}{\text{Youth population}} \times 100 \end{aligned}$$

Interpretation:

Measures youth labour underutilisation:

A high NEET rate suggests engagement in household chores, care activities and signifies strong institutional barriers to access employment or training opportunities. The NEET also informs policymakers on youth not gaining professional experience in employment and not furthering their skills in education.

3.11. Share of Women in Managerial Positions

The female share in managerial positions is the proportion of women in managerial positions as a percentage of total employment in the group. It is one of the SDG indicators (5.5.2) under Goal 5, and is used to measure and monitor progress made in the share of women in managerial and leadership positions.

Method of computation

$$\begin{aligned} & \text{Share of women in managerial positions} \\ & = \frac{\text{Women employed in sub - major 11, 12 and 13 of ISCO 08}}{\text{Total persons employed in sub - major 11, 12 and 13 of ISCO 08}} \times 100 \end{aligned}$$

Interpretation:

A high ratio means that a large proportion of the female population is in managerial positions, while a low ratio means that very few females are in managerial positions.

It addresses the extent to which women have access to high-level decision-making positions.

3.12. Employment Status

Status of employment refers to whether there is an explicit or implicit contract of employment with other persons or organisations that the employed person has in his/her job.

Basic categories of employment status are:

1. Employee
2. Self-employed without employees
3. Self-employed with employees
4. Casual worker
5. Contributing family worker
6. Paid apprentice
7. Unpaid apprentice
8. Domestic worker

3.13. Self-Employed Without Employees (Own-Account Workers)

Self-employed without employees, also known as own-account workers, are those workers who, working on their own account or with one or more partners, hold the type of jobs defined as "self-employment jobs", and have not engaged on a continuous basis any employees to work for them. Own account workers are a sub-category of the "self-employed".

3.14. Contributing Family Worker

Contributing family worker refers to a person who helps in running an economic enterprise operated by a member of his or her family without payment of wages or salary. Excluded from this category are family members who work for pay, which should be classified as employees.

3.15. Vulnerable Employment

Vulnerable employment is defined as the sum of the employment status groups of own-account workers and contributing family workers. They are less likely to have formal work arrangements, lack decent working conditions, adequate social security and "voice" through effective representation by trade unions and similar organisations. Vulnerable employment is often characterised by inadequate earnings, low productivity and difficult conditions of work that undermine workers' fundamental rights.

Note: Employees are referred to as employed persons with paid employment jobs under employment status category and are usually identified with more job security and better working conditions in general, whereas own-account workers and contributing family workers form two employment status categories regarded as vulnerable employment.

While this is true in general terms, it is important to note that not all employees have basic elements of decent work such as coverage of social security and/or social dialogue just as not all own-account workers and contributing family workers are in a precarious or vulnerable situation. Thus, while the share of own-account workers and contributing family workers is a valuable and reasonable proxy to measure vulnerability, it is nevertheless an imperfect one.

3.16. Employment Sector

Employment sector refers to the legal organisation and principal functions, behaviour, and objectives of the institution or enterprise with which an employed person is engaged.

Employment sectors are distinguished as:

1. Public (Government)
2. Semi-Public/Parastatal
3. Private Formal
4. Private Informal
5. Local NGO/CSO
6. International NGO/CSO
7. Religious Organisation (Local)
8. Religious Organisation (International)
9. International Organisation

3.17. Persons Outside the Labour Force

This refers to persons aged 15 years and older who are neither employed nor unemployed (i.e., they are neither working nor available) during the reference period. There is a variety of reasons why some individuals do not participate in the labour force: such persons may be occupied with caring for family members; they may be retired, sick or disabled or attending school; or they may simply not want to work.

4. HIGHLIGHTS OF RESULTS

4.1. SCOPE

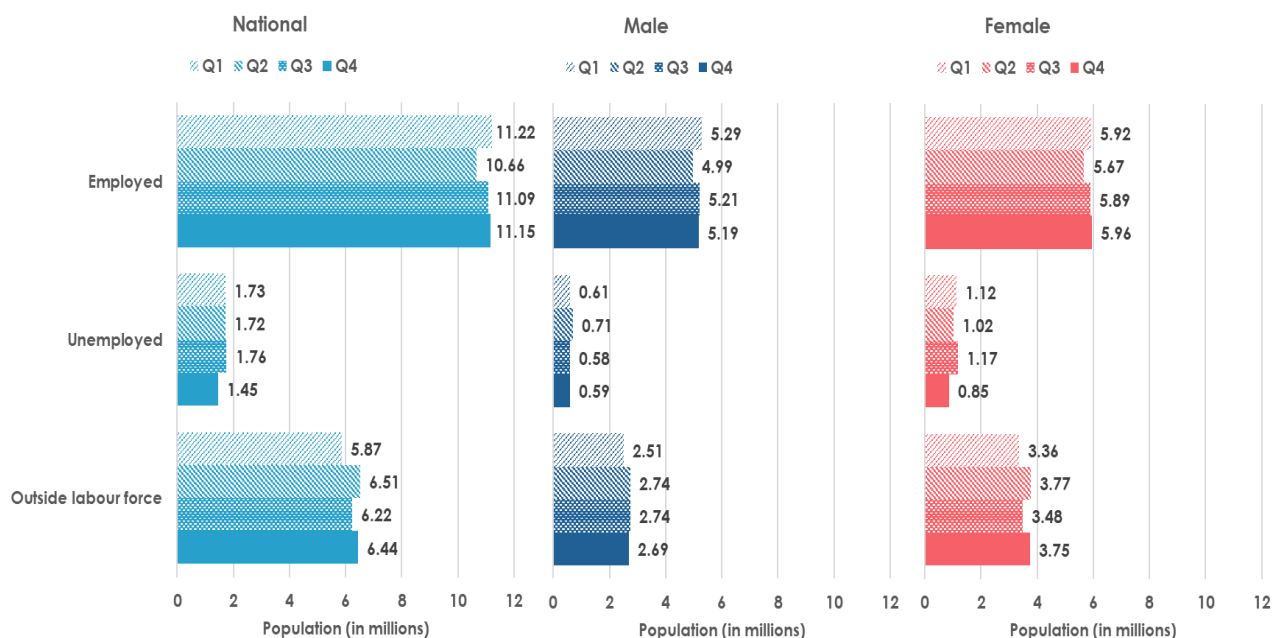
Premised on the background, context and policy needs related to employment, this section provides highlights of the status, characteristics of the working-age population 15 years and older in Ghana in the four quarters of 2022. Among the key issues covered are levels of employment and unemployment; prevalence and characterisation of the youth population (15-35 years) who are not in employment, education, and training (NEET). The last set of highlights in this report focuses on the prevalence of persons with multiple socio-economic burdens (unemployment, food insecurity, and multidimensional poverty).

On average, about 11 million persons were employed in every quarter of 2022.

About 1.45 million persons were unemployed in the fourth quarter, which is about 290,000 less than the average number of unemployed persons in the first three quarters of 2022 (i.e., 1.74 million).

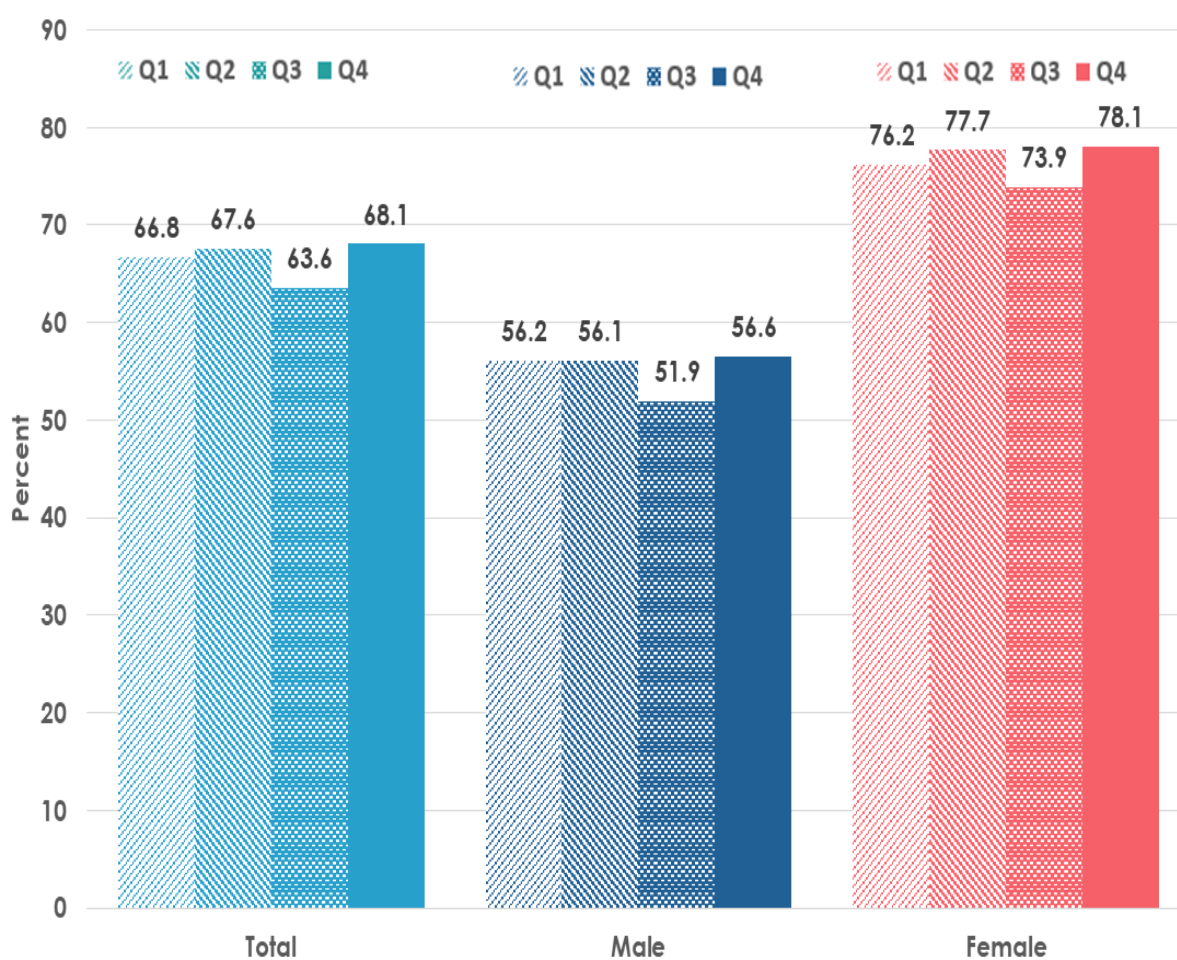
The decline in the number of unemployed persons was predominantly among females who recorded a drop of 27.4 percent between the third and fourth quarters of 2022.

FIGURE 4.1: LABOUR FORCE STATUS OF POPULATION 15 YEARS AND OLDER BY SEX.



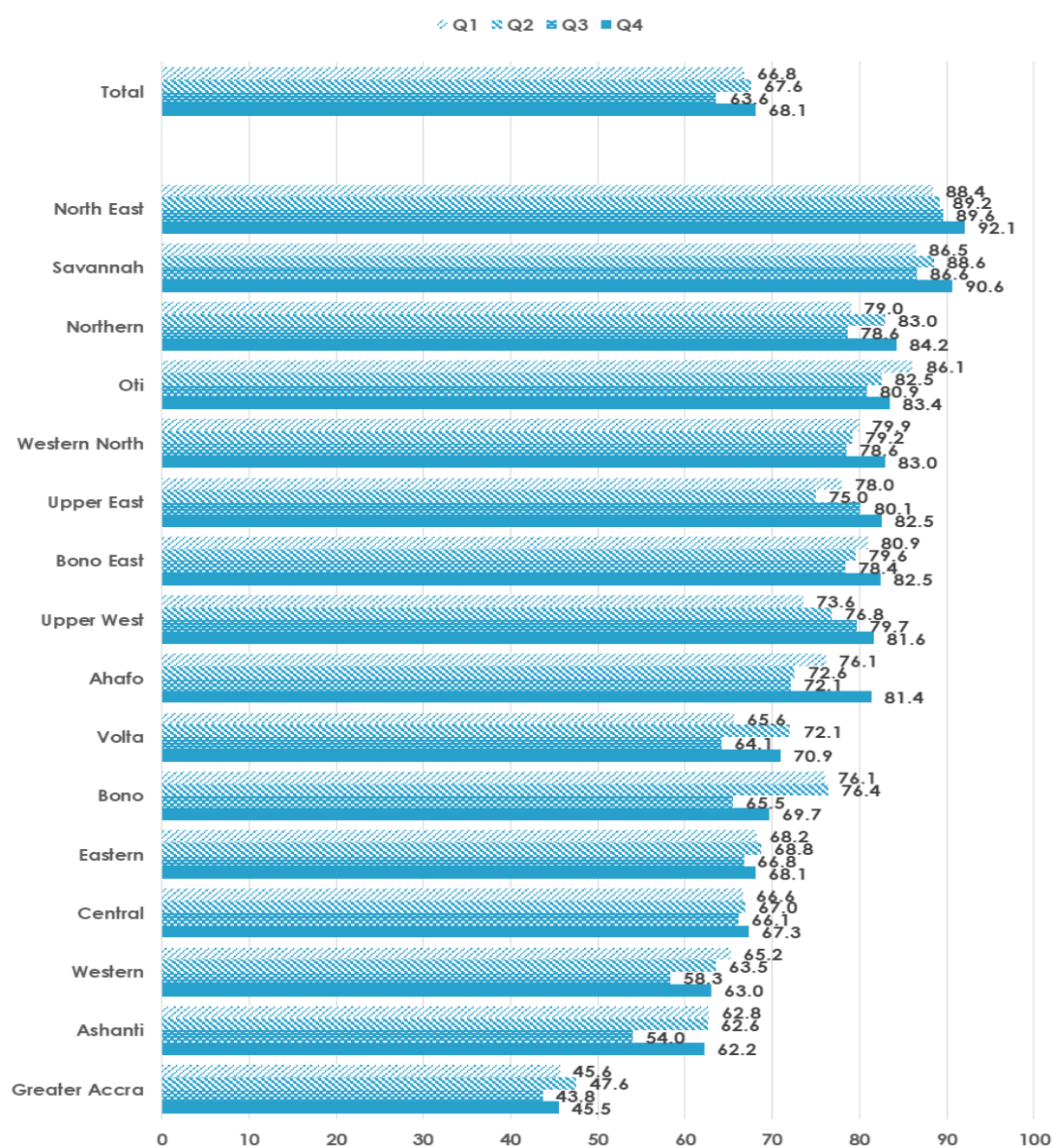
About two in every three persons were in vulnerable employment in 2022, with the fourth quarter recording the highest (68.1%). Vulnerable employment for females is at least 20 percentage points higher than for males in every quarter.

FIGURE 4.2: PERCENT OF EMPLOYED POPULATION 15 YEARS AND OLDER IN VULNERABLE EMPLOYMENT BY SEX.



North East Region had the highest proportions of persons in vulnerable employment in all quarters, ranging from 92.1 percent to 88.4 percent. These figures were about twice the proportions for Greater Accra Region, (47.6% to 43.8%), which recorded the lowest vulnerable employment in all quarters.

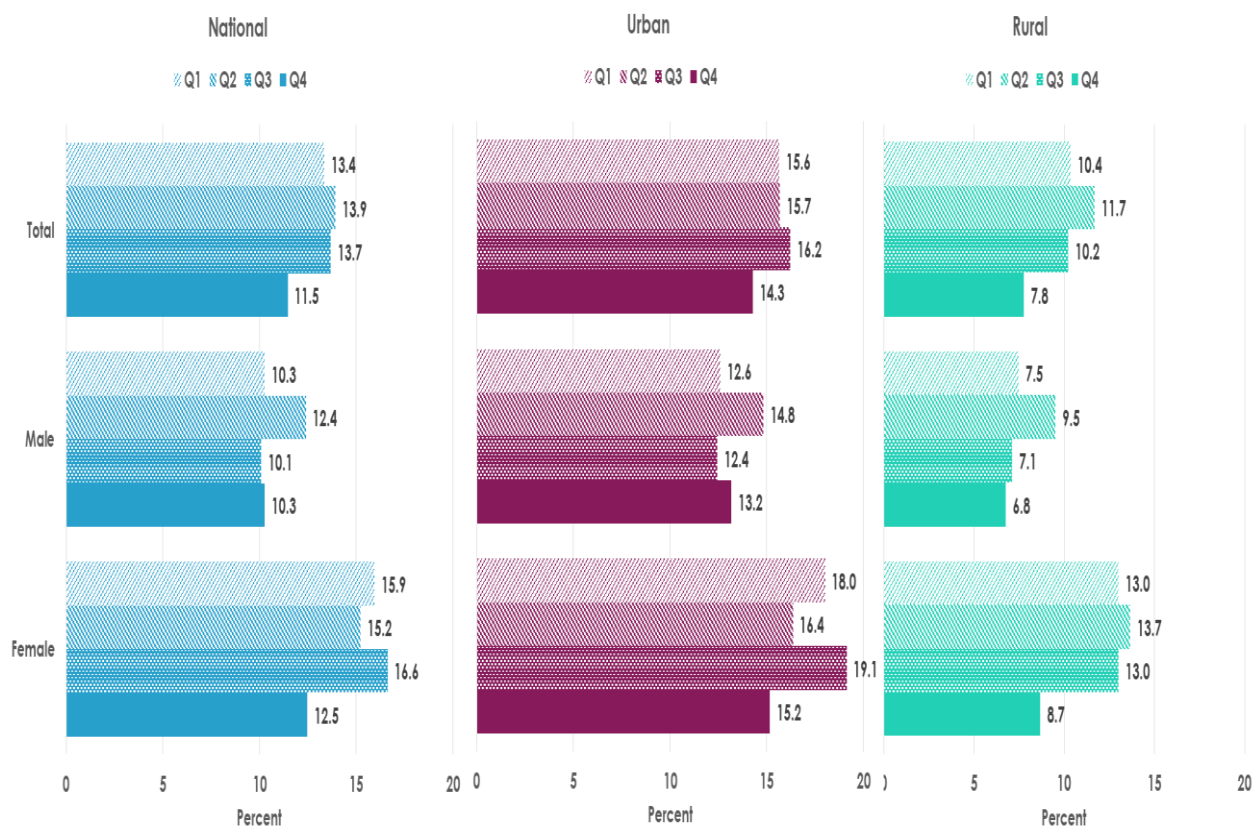
FIGURE 4.3: PERCENT OF EMPLOYED POPULATION 15 YEARS AND OLDER IN VULNERABLE EMPLOYMENT BY REGION.



The unemployment rate ranged between 13.4 and 13.9 percent across the first three quarters and reduced to 11.5 percent in the fourth quarter.

The unemployment rate for females (15.1%) was higher than for males (10.8%) across all quarters and remained more of an urban phenomenon (15.5% for urban compared to 10.0% for rural).

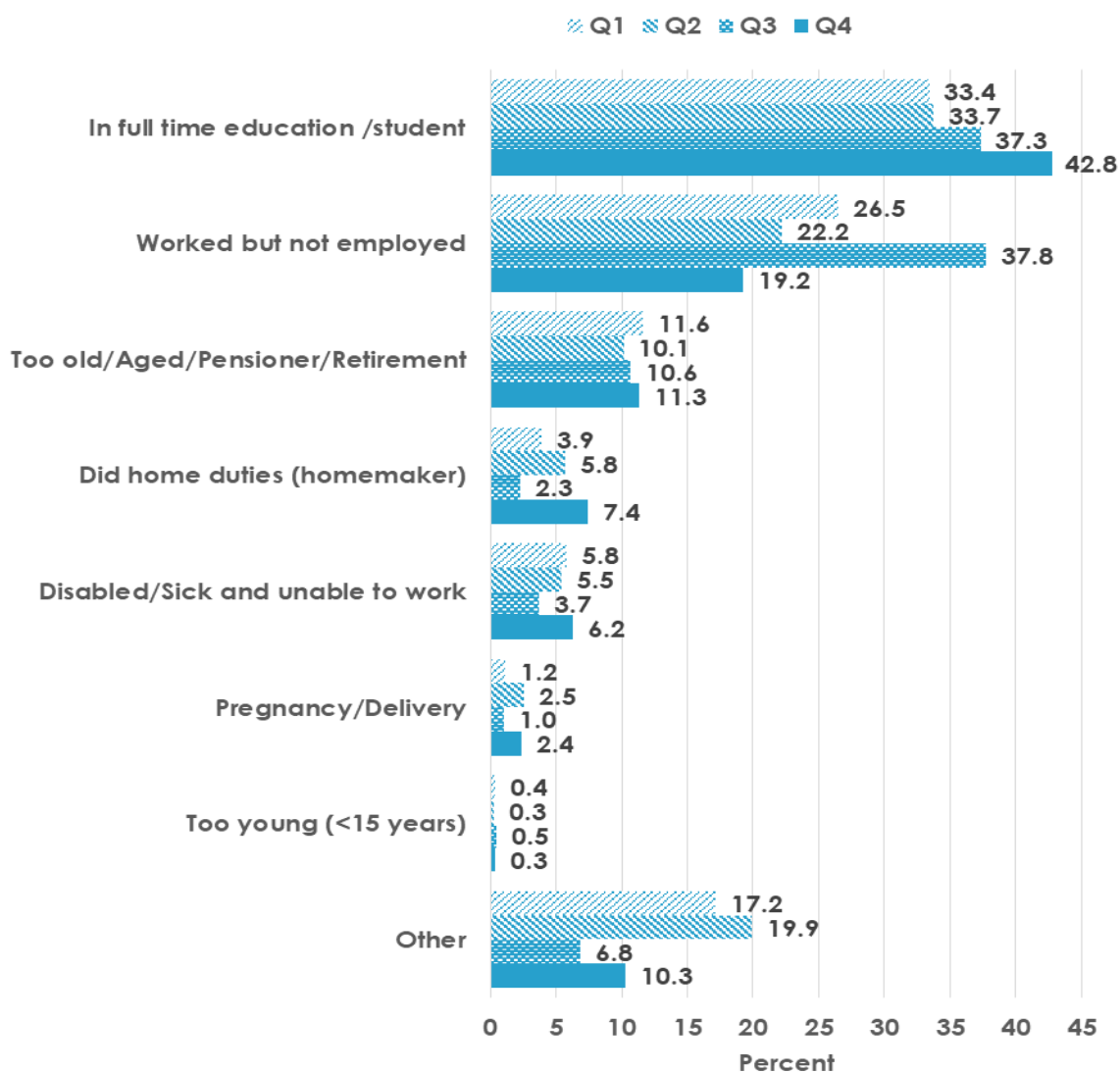
FIGURE 4.4: UNEMPLOYMENT RATE OF PERSONS 15 YEARS AND OLDER BY SEX AND TYPE OF LOCALITY.



Two in every five (42.8%) persons outside the labour force were in full-time education or were students in Q4, an increase of approximately 10 percentage points from Q1 (33.4%).

One in every five (19.2%) persons outside the labour force in Q4 worked but was not employed, the lowest of all the four quarters.

FIGURE 4.5: REASONS FOR BEING OUTSIDE THE LABOUR FORCE.

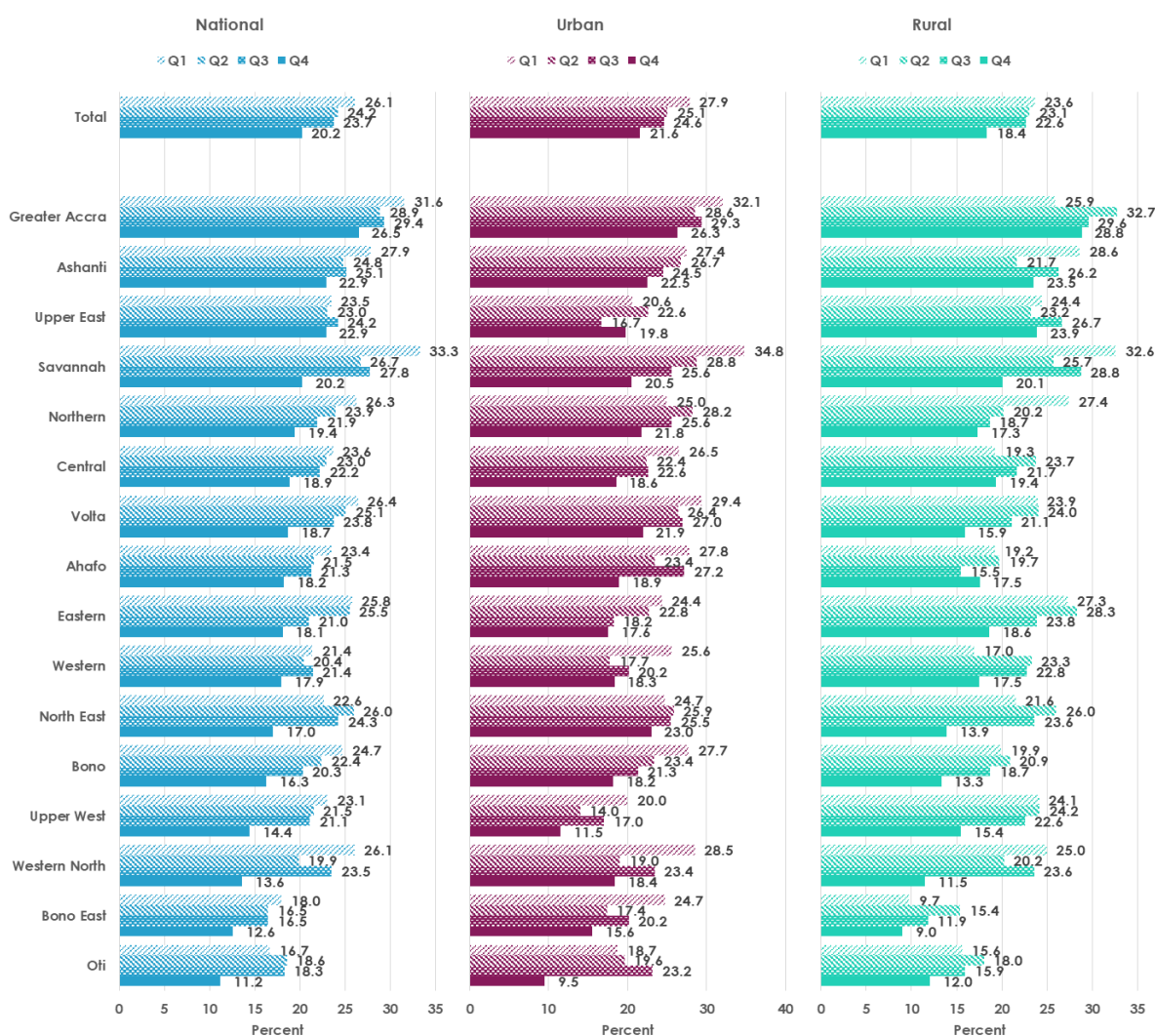


Note: Worked but not employed are persons who did some work, but the work performed is not classified as employment work since they did not receive any remuneration for the work done.

About a quarter of the population 15 to 35 years, representing approximately 2.5 million persons, were not in education, employment, or training (NEET) across all quarters.

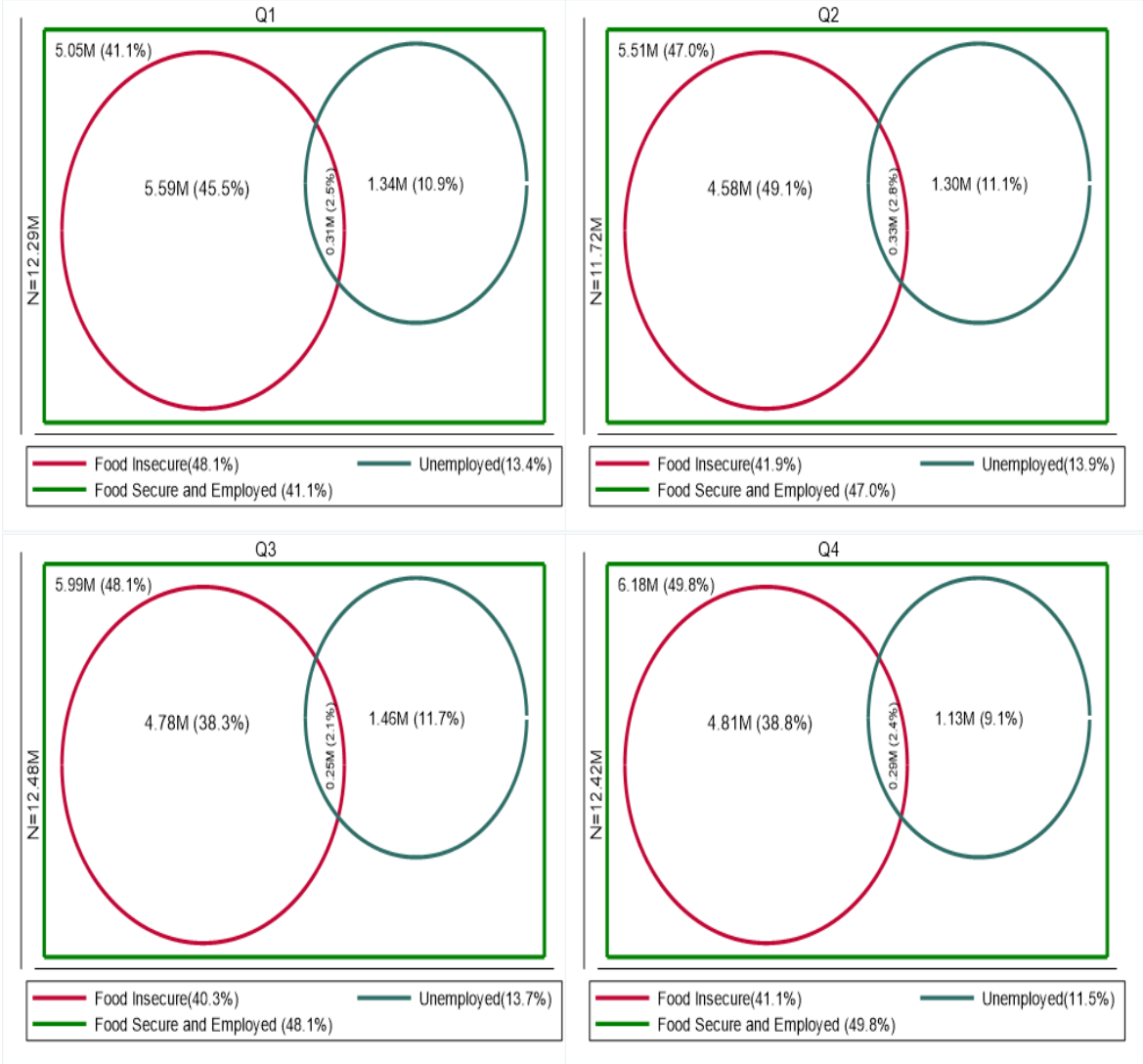
Greater Accra Region (26.5%) had the highest NEET proportion of the population 15 to 35 years in Q4, followed by Ashanti (22.9%) and Upper East (22.9%), with Oti Region (11.2%) recording the lowest.

FIGURE 4.6: PERCENT OF YOUTH POPULATION (15-35 YEARS) NOT IN EDUCATION, EMPLOYMENT, OR TRAINING (NEET) BY REGION AND TYPE OF LOCALITY.



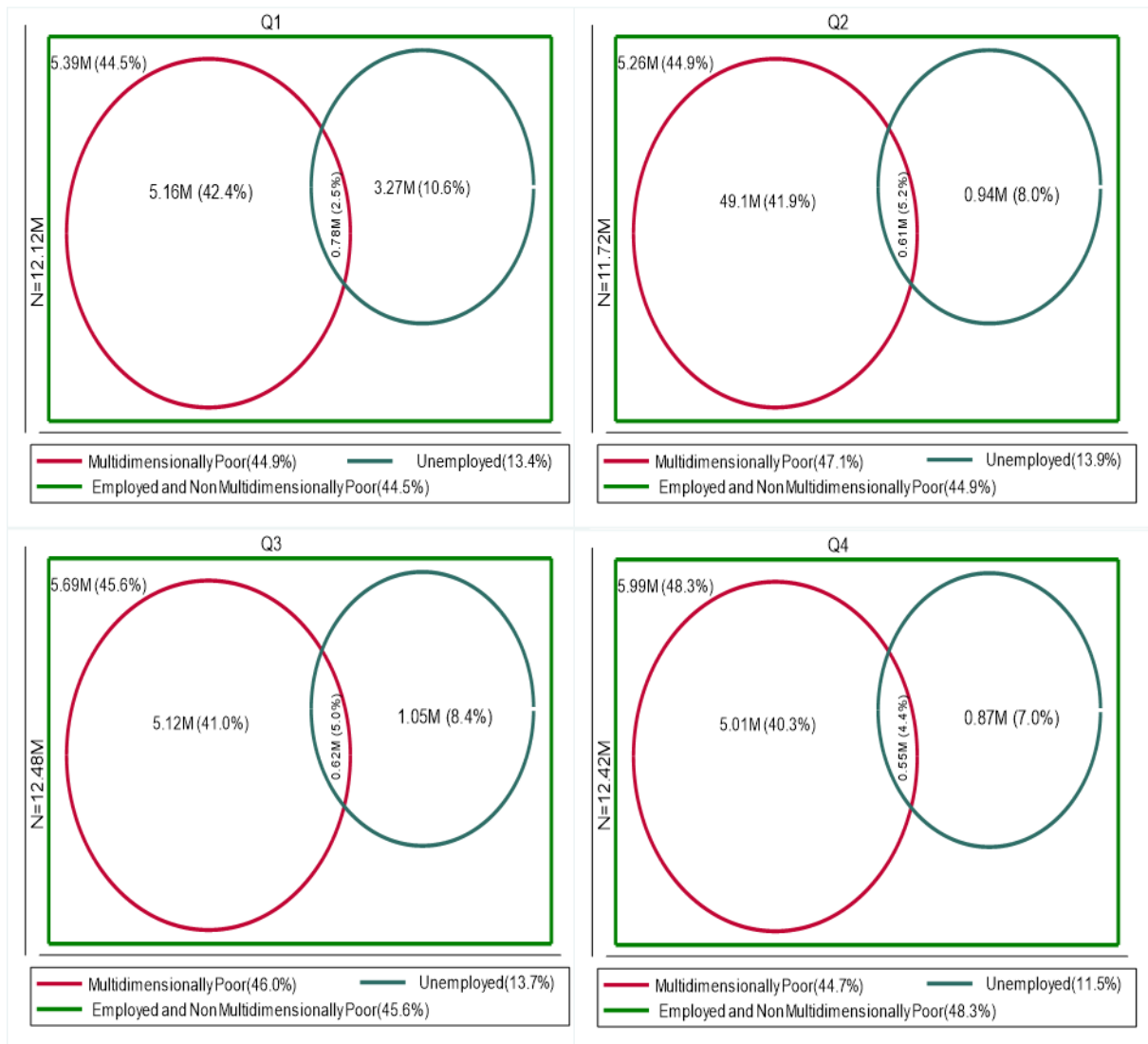
At least 250,000 persons were unemployed and living in food insecure households in each of the quarters of 2022, with the number increasing by about 40,000 between Q3 (250,000) and Q4 (290,000).

FIGURE 4.7: NUMBER OF PERSONS UNEMPLOYED AND LIVING IN FOOD INSECURE HOUSEHOLDS.



The number of persons who were unemployed and multidimensionally poor declined by about 23,000 between Q1 (78,000) and Q4 (55,000). However, the share of the labour force that was unemployed and multidimensionally poor nearly doubled from 2.5% to 4.4% within the same period.

FIGURE 4.8: NUMBER OF PERSONS UNEMPLOYED AND MULTIDimensionALLY POOR.



5. MAIN TABLES

TABLE 5.1: LABOUR FORCE STATUS OF POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY AND SEX.

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|
| | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | Urban | Rural |
| Total | 18,815,464 | 10,933,650 | 7,881,814 | 18,899,993 | 10,957,023 | 7,942,970 | 19,071,964 | 11,080,175 | 7,991,789 | 19,034,427 | 11,088,048 | 7,946,380 |
| Employed | 11,215,323 | 6,207,063 | 5,008,260 | 10,661,227 | 5,861,675 | 4,799,553 | 11,094,419 | 6,192,674 | 4,901,745 | 11,148,465 | 6,129,243 | 5,019,223 |
| Unemployed | 1,729,383 | 1,150,628 | 578,755 | 1,724,109 | 1,089,567 | 634,543 | 1,758,266 | 1,199,103 | 559,163 | 1,445,850 | 1,021,768 | 424,082 |
| Outside labour force | 5,870,759 | 3,575,959 | 2,294,799 | 6,514,656 | 4,005,781 | 2,508,875 | 6,219,279 | 3,688,398 | 2,530,881 | 6,440,112 | 3,937,037 | 2,503,074 |
| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Employed | 59.6 | 56.8 | 63.5 | 56.4 | 53.5 | 60.4 | 58.2 | 55.9 | 61.3 | 58.6 | 55.3 | 63.2 |
| Unemployed | 9.2 | 10.5 | 7.3 | 9.1 | 9.9 | 8.0 | 9.2 | 10.8 | 7.0 | 7.6 | 9.2 | 5.3 |
| Outside labour force | 31.2 | 32.7 | 29.1 | 34.5 | 36.6 | 31.6 | 32.6 | 33.3 | 31.7 | 33.8 | 35.5 | 31.5 |
| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
| | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
| Labour force | 18,815,464 | 10,933,650 | 7,881,814 | 18,899,993 | 10,957,023 | 7,942,970 | 19,071,964 | 11,080,175 | 7,991,789 | 19,034,427 | 11,088,048 | 7,946,380 |
| Outside labour force | 12,944,706 | 7,357,691 | 5,587,015 | 12,385,336 | 6,951,242 | 5,434,096 | 12,852,685 | 7,391,777 | 5,460,908 | 12,594,315 | 7,151,011 | 5,443,305 |
| Outside labour force | 5,870,759 | 3,575,959 | 2,294,799 | 6,514,656 | 4,005,781 | 2,508,875 | 6,219,279 | 3,688,398 | 2,530,881 | 6,440,112 | 3,937,037 | 2,503,074 |
| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
| | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Labour force | 68.8 | 67.3 | 70.9 | 65.5 | 63.4 | 68.4 | 67.4 | 66.7 | 68.3 | 66.2 | 64.5 | 68.5 |
| Outside labour force | 31.2 | 32.7 | 29.1 | 34.5 | 36.6 | 31.6 | 32.6 | 33.3 | 31.7 | 33.8 | 35.5 | 31.5 |

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 18,815,464 | 8,406,298 | 10,409,167 | 18,899,993 | 8,436,309 | 10,463,684 | 19,071,964 | 8,532,471 | 10,539,493 | 19,034,427 | 8,471,653 | 10,562,775 |
| Employed | 11,215,323 | 5,291,366 | 5,923,957 | 10,661,227 | 4,986,390 | 5,674,837 | 11,094,419 | 5,207,112 | 5,887,307 | 11,148,465 | 5,190,519 | 5,957,946 |
| Unemployed | 1,729,383 | 605,587 | 1,123,796 | 1,724,109 | 705,718 | 1,018,391 | 1,758,266 | 584,259 | 1,174,007 | 1,445,850 | 594,435 | 851,416 |
| Outside labour force | 5,870,759 | 2,509,345 | 3,361,414 | 6,514,656 | 2,744,201 | 3,770,455 | 6,219,279 | 2,741,099 | 3,478,180 | 6,440,112 | 2,686,699 | 3,753,413 |

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Employed | 59.6 | 62.9 | 56.9 | 56.4 | 59.1 | 54.2 | 58.2 | 61.0 | 55.9 | 58.6 | 61.3 | 56.4 |
| Unemployed | 9.2 | 7.2 | 10.8 | 9.1 | 8.4 | 9.7 | 9.2 | 6.8 | 11.1 | 7.6 | 7.0 | 8.1 |
| Outside labour force | 31.2 | 29.9 | 32.3 | 34.5 | 32.5 | 36.0 | 32.6 | 32.1 | 33.0 | 33.8 | 31.7 | 35.5 |

TABLE 5.2: EMPLOYED POPULATION 15 YEARS AND OLDER IN VULNERABLE EMPLOYMENT.

| Status in Employment | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total | 9,389,363 | 8,991,626 | 8,872,350 | 9,613,597 | 100.0 | 100.0 | 100.0 | 100.0 |
| Paid employee | 852,623 | 848,294 | 824,490 | 975,998 | 9.1 | 9.4 | 9.3 | 10.2 |
| Casual worker | 364,508 | 352,003 | 418,600 | 385,539 | 3.9 | 3.9 | 4.7 | 4.0 |
| Paid apprentice | 62,248 | 56,445 | 47,574 | 49,300 | 0.7 | 0.6 | 0.5 | 0.5 |
| Unpaid apprentice | 55,780 | 47,484 | 36,797 | 22,006 | 0.6 | 0.5 | 0.4 | 0.2 |
| Non-agriculture self-employed with employees | 400,664 | 392,166 | 323,880 | 345,472 | 4.3 | 4.4 | 3.7 | 3.6 |
| Non-agriculture self-employed without employee | 3,298,341 | 3,081,524 | 2,957,144 | 2,875,270 | 35.1 | 34.3 | 33.3 | 29.9 |
| Non-agriculture contributing family worker | 377,683 | 288,636 | 266,207 | 412,571 | 4.0 | 3.2 | 3.0 | 4.3 |
| Agriculture-self-employed with employees | 198,331 | 153,338 | 175,223 | 175,714 | 2.1 | 1.7 | 2.0 | 1.8 |
| Agriculture self-employed without employees | 2,204,823 | 2,327,610 | 2,379,784 | 2,783,690 | 23.5 | 25.9 | 26.8 | 29.0 |
| Agriculture contributing family worker | 1,504,956 | 1,403,623 | 1,414,102 | 1,498,279 | 16.0 | 15.6 | 15.9 | 15.6 |
| Domestic workers | 44,609 | 21,526 | 22,635 | 65,493 | 0.5 | 0.2 | 0.3 | 0.7 |
| Other (Specify) | 24,797 | 18,977 | 5,915 | 24,265 | 0.3 | 0.2 | 0.1 | 0.3 |

TABLE 5.3: SHARE OF VULNERABLE EMPLOYMENT IN TOTAL EMPLOYMENT BY SEX, TYPE OF LOCALITY AND REGION.

| Quarter | Number in Vulnerable Employment | | | Number Employed | | | Proportion in Vulnerable Employment | | | | | |
|---------------|---------------------------------|-----------|-----------|-----------------|------------------|------------|-------------------------------------|------------|--------|------|------|------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | | | |
| Q1 | 7,487,435 | 2,971,453 | 4,515,982 | 11,215,323 | 5,291,366 | 5,923,957 | 66.8 | 56.2 | 76.2 | | | |
| Q2 | 7,205,369 | 2,797,080 | 4,408,290 | 10,661,227 | 4,986,390 | 5,674,837 | 67.6 | 56.1 | 77.7 | | | |
| Q3 | 7,053,975 | 2,702,471 | 4,351,504 | 11,094,419 | 5,207,112 | 5,887,307 | 63.6 | 51.9 | 73.9 | | | |
| Q4 | 7,588,183 | 2,935,594 | 4,652,589 | 11,148,465 | 5,190,519 | 5,957,946 | 68.1 | 56.6 | 78.1 | | | |
| Q1 | 7,487,435 | 3,481,339 | 4,006,097 | 11,215,323 | 6,207,063 | 5,008,260 | 66.8 | 56.1 | 80.0 | | | |
| Q2 | 7,205,369 | 3,321,200 | 3,884,169 | 10,661,227 | 5,861,675 | 4,799,553 | 67.6 | 56.7 | 80.9 | | | |
| Q3 | 7,053,975 | 3,195,216 | 3,858,759 | 11,094,419 | 6,192,674 | 4,901,745 | 63.6 | 51.6 | 78.7 | | | |
| Q4 | 7,588,183 | 3,494,798 | 4,093,384 | 11,148,465 | 6,129,243 | 5,019,223 | 68.1 | 57.0 | 81.6 | | | |
| Region | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Total | 7,487,435 | 7,205,369 | 7,053,975 | 7,588,183 | 11,215,323 | 10,661,227 | 11,094,419 | 11,148,465 | 66.8 | 67.6 | 63.6 | 68.1 |
| WESTERN | 511,460 | 459,315 | 450,200 | 473,902 | 784,883 | 723,407 | 772,246 | 752,212 | 65.2 | 63.5 | 58.3 | 63.0 |
| CENTRAL | 686,384 | 674,505 | 685,009 | 713,237 | 1,030,014 | 1,007,278 | 1,036,323 | 1,059,458 | 66.6 | 67.0 | 66.1 | 67.3 |
| GREATER ACCRA | 915,324 | 894,806 | 871,824 | 840,993 | 2,006,783 | 1,881,768 | 1,992,479 | 1,849,215 | 45.6 | 47.6 | 43.8 | 45.5 |
| VOLTA | 392,796 | 404,142 | 371,777 | 410,821 | 598,675 | 560,842 | 579,565 | 579,489 | 65.6 | 72.1 | 64.1 | 70.9 |
| EASTERN | 746,878 | 746,690 | 753,579 | 783,921 | 1,095,588 | 1,085,686 | 1,127,546 | 1,150,832 | 68.2 | 68.8 | 66.8 | 68.1 |
| ASHANTI | 1,166,528 | 1,087,687 | 997,433 | 1,151,099 | 1,857,890 | 1,736,405 | 1,845,922 | 1,851,202 | 62.8 | 62.6 | 54.0 | 62.2 |
| WESTERN NORTH | 264,310 | 262,514 | 249,332 | 289,042 | 330,729 | 331,405 | 317,384 | 348,347 | 79.9 | 79.2 | 78.6 | 83.0 |

| Region | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|------|------|------|------|
| AHAFO | 166,998 | 145,743 | 147,847 | 168,898 | 219,364 | 200,814 | 204,992 | 207,586 | 76.1 | 72.6 | 72.1 | 81.4 |
| BONO | 358,335 | 347,250 | 299,349 | 346,921 | 471,087 | 454,523 | 456,985 | 497,985 | 76.1 | 76.4 | 65.5 | 69.7 |
| BONO EAST | 412,528 | 384,330 | 375,499 | 415,540 | 509,691 | 482,925 | 479,205 | 503,953 | 80.9 | 79.6 | 78.4 | 82.5 |
| OTI | 285,900 | 251,857 | 251,630 | 268,573 | 331,900 | 305,302 | 311,042 | 321,921 | 86.1 | 82.5 | 80.9 | 83.4 |
| NORTHERN | 607,077 | 646,687 | 639,679 | 662,767 | 768,423 | 779,460 | 813,506 | 786,916 | 79.0 | 83.0 | 78.6 | 84.2 |
| SAVANNAH | 188,323 | 209,817 | 204,516 | 228,442 | 217,802 | 236,895 | 236,161 | 252,123 | 86.5 | 88.6 | 86.6 | 90.6 |
| NORTH EAST | 204,029 | 182,710 | 186,339 | 215,051 | 230,889 | 204,881 | 208,029 | 233,576 | 88.4 | 89.2 | 89.6 | 92.1 |
| UPPER EAST | 357,062 | 282,806 | 306,904 | 343,343 | 457,821 | 377,255 | 382,936 | 416,056 | 78.0 | 75.0 | 80.1 | 82.5 |
| UPPER WEST | 223,503 | 224,511 | 263,057 | 275,632 | 303,785 | 292,381 | 330,100 | 337,595 | 73.6 | 76.8 | 79.7 | 81.6 |

TABLE 5.4: UNEMPLOYED PERSONS 15 YEARS AND OLDER BY EDUCATIONAL ATTAINMENT AND SEX.

| Level of Education | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|--------------------|-----------|---------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|-----------|-----------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 1,729,383 | 605,587 | 1,123,796 | 1,724,109 | 705,718 | 1,018,391 | 1,758,266 | 584,259 | 1,174,007 | 1,445,850 | 594,435 | 851,416 |
| No Education | 231,240 | 41,992 | 189,248 | 251,472 | 75,963 | 175,509 | 212,321 | 32,588 | 179,733 | 229,792 | 78,800 | 150,992 |
| Basic | 743,219 | 225,585 | 517,634 | 774,746 | 282,675 | 492,072 | 722,443 | 195,588 | 526,855 | 680,224 | 267,234 | 412,991 |
| Secondary | 511,185 | 236,444 | 274,741 | 496,742 | 238,402 | 258,341 | 624,967 | 265,977 | 358,991 | 402,291 | 174,995 | 227,296 |
| Post secondary | 21,690 | 5,881 | 15,809 | 14,113 | 8,302 | 5,811 | 13,603 | 4,075 | 9,528 | 9,310.67 | 2,634.46 | 6,676.22 |
| Tertiary | 220,902 | 95,563 | 125,339 | 183,933 | 97,274 | 86,659 | 182,489 | 85,756 | 96,733 | 121,495 | 68,034.30 | 53,461.10 |
| Other | 1,147 | 122 | 1,025 | 3,103 | 3,103 | | 2,443 | 275 | 2,168 | 2,736.64 | 2,736.64 | |

TABLE 5.5: TOTAL EMPLOYED AND UNEMPLOYED (LABOUR FORCE) PERSONS 15 YEARS AND OLDER BY EDUCATIONAL ATTAINMENT AND SEX.

| Level of Education | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|--------------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|------------|------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 12,944,706 | 5,896,953 | 7,047,753 | 12,385,337 | 5,692,108 | 6,693,229 | 12,852,685 | 5,791,372 | 7,061,313 | 12,594,316 | 5,784,954 | 6,809,362 |
| No Education | 2,335,979 | 774,369 | 1,561,610 | 2,314,953 | 785,550 | 1,529,403 | 2,138,137 | 680,456 | 1,457,680 | 2,363,944 | 809,483 | 1,554,461 |
| Basic | 6,513,659 | 2,889,331 | 3,624,328 | 6,238,650 | 2,793,916 | 3,444,734 | 6,503,792 | 2,820,800 | 3,682,992 | 6,452,504 | 2,922,595 | 3,529,909 |
| Secondary | 2,633,955 | 1,404,141 | 1,229,814 | 2,514,501 | 1,346,546 | 1,167,956 | 2,799,634 | 1,476,520 | 1,323,114 | 2,505,364 | 1,314,625 | 1,190,739 |
| Post secondary | 155,627 | 70,488 | 85,139 | 153,680 | 68,603 | 85,077 | 153,019 | 63,618 | 89,401 | 134,498 | 58,802.60 | 75,695.60 |
| Tertiary | 1,293,420 | 750,285 | 543,135 | 1,153,646 | 688,829 | 464,817 | 1,247,488 | 742,672 | 504,816 | 1,117,462 | 665,843.00 | 451,619.00 |
| Other | 12,065 | 8,338 | 3,727 | 9,908 | 8,665 | 1,242 | 10,615 | 7,306 | 3,309 | 20,543.20 | 13,605.60 | 6,937.58 |

TABLE 5.6: UNEMPLOYMENT RATE OF PERSONS 15 YEARS AND OLDER BY EDUCATIONAL ATTAINMENT, LOCALITY AND SEX.

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 13.4 | 10.3 | 15.9 | 13.9 | 12.4 | 15.2 | 13.7 | 10.1 | 16.6 | 11.5 | 10.3 | 12.5 |
| Urban | 9.9 | 5.4 | 12.1 | 10.9 | 9.7 | 11.5 | 9.9 | 4.8 | 12.3 | 9.7 | 9.7 | 9.7 |
| Rural | 11.4 | 7.8 | 14.3 | 12.4 | 10.1 | 14.3 | 11.1 | 6.9 | 14.3 | 10.5 | 9.1 | 11.7 |
| No Education | 19.4 | 16.8 | 22.3 | 19.8 | 17.7 | 22.1 | 22.3 | 18.0 | 27.1 | 16.1 | 13.3 | 19.1 |
| Basic | 13.9 | 8.3 | 18.6 | 9.2 | 12.1 | 6.8 | 8.9 | 6.4 | 10.7 | 6.9 | 4.5 | 8.8 |
| Secondary | 17.1 | 12.7 | 23.1 | 15.9 | 14.1 | 18.6 | 14.6 | 11.5 | 19.2 | 10.9 | 10.2 | 11.8 |
| Post-secondary | 9.5 | 1.5 | 27.5 | 31.3 | 35.8 | 0.0 | 23.0 | 3.8 | 65.5 | 13.3 | 20.1 | 0.0 |
| Tertiary | 13.4 | 10.3 | 15.9 | 13.9 | 12.4 | 15.2 | 13.7 | 10.1 | 16.6 | 11.5 | 10.3 | 12.5 |
| Other | 9.9 | 5.4 | 12.1 | 10.9 | 9.7 | 11.5 | 9.9 | 4.8 | 12.3 | 9.7 | 9.7 | 9.7 |

TABLE 5.7: REASONS FOR BEING OUTSIDE THE LABOUR FORCE BY SEX.

| Reason For Inactivity | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 5,870,759 | 2,509,345 | 3,361,414 | 6,514,656 | 2,744,201 | 3,770,455 | 6,219,279 | 2,741,099 | 3,478,180 | 6,440,112 | 2,686,699 | 3,753,413 |
| Worked But Unemployed | 1,556,877 | 623,403 | 933,474 | 1,446,407 | 651,408 | 794,999 | 2,348,276 | 1,026,062 | 1,322,214 | 1,237,021 | 517,195 | 719,826 |
| In full time education /student | 1,961,421 | 1,010,115 | 951,305 | 2,198,555 | 1,089,552 | 1,109,003 | 2,320,565 | 1,174,057 | 1,146,508 | 2,758,052 | 1,400,762 | 1,357,291 |
| Did home duties (homemaker) | 227,335 | 31,782 | 195,554 | 374,645 | 33,511 | 341,134 | 139,986 | 15,660 | 124,326 | 476,322 | 43,231 | 433,091 |
| Too old/Aged | 540,231 | 140,996 | 399,235 | 529,192 | 133,121 | 396,070 | 532,787 | 147,710 | 385,076 | 589,518 | 156,506 | 433,012 |
| Sick and unable to work | 295,139 | 119,271 | 175,869 | 307,305 | 114,056 | 193,249 | 200,057 | 77,709 | 122,349 | 342,436 | 138,926 | 203,510 |
| Disability condition | 47,515 | 25,047 | 22,468 | 48,698 | 22,791 | 25,907 | 30,864 | 17,429 | 13,434 | 59,778 | 24,658 | 35,120 |
| Pensioner/Retirement | 140,804 | 81,586 | 59,218 | 131,393 | 82,806 | 48,587 | 129,277 | 80,393 | 48,885 | 139,589 | 92,190 | 47,399 |
| Pregnancy/Delivery | 68,791 | | 68,791 | 163,904 | | 163,904 | 63,361 | | 63,361 | 154,756 | | 154,756 |
| Too young (<15 years) | 23,643 | 9,302 | 14,341 | 19,037 | 11,700 | 7,337 | 30,296 | 12,951 | 17,346 | 21,133 | 7,629 | 13,504 |
| No need/desire to work | 98,423 | 42,305 | 56,118 | 114,698 | 52,475 | 62,223 | 51,510 | 24,496 | 27,014 | 69,386 | 27,722 | 41,664 |
| Discouraged/frustrated | 10,525 | 5,509 | 5,015 | 19,759 | 12,198 | 7,561 | 22,081 | 7,800 | 14,281 | 21,155 | 6,538 | 14,617 |
| There is no work | 176,538 | 72,964 | 103,575 | 224,978 | 113,257 | 111,721 | 250,888 | 112,723 | 138,164 | 238,950 | 118,820 | 120,131 |
| Don't have any qualification/skill | 160,336 | 69,177 | 91,160 | 293,468 | 126,243 | 167,224 | 40,618 | 19,380 | 21,239 | 125,329 | 58,159 | 67,170 |

| Reason For Inactivity | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|---------|--------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Off-season | 22,865 | 7,704 | 15,161 | 22,293 | 12,137 | 10,155 | 2,025 | 180 | 1,845 | 18,940 | 6,949 | 11,991 |
| Temporary lay-off | 122,352 | 61,151 | 61,201 | 175,724 | 85,022 | 90,702 | 3,727 | 1,431 | 2,296 | 15,240 | 5,583 | 9,657 |
| Temporary crisis | 6,100 | 2,513 | 3,587 | 20,404 | 7,256 | 13,149 | 8,356 | 1,785 | 6,571 | 38,774 | 17,125 | 21,649 |
| Wage/Salary not attractive | 13,493 | 5,063 | 8,430 | 7,900 | 4,265 | 3,635 | 1,728 | 186 | 1,541 | 17,735 | 11,020 | 6,715 |
| Other (specify) | 398,370 | 201,459 | 196,911 | 416,297 | 192,403 | 223,894 | 42,876 | 21,147 | 21,729 | 115,997 | 53,687 | 62,309 |

TABLE 5.8: YOUTH POPULATION (15-35 YEARS) NOT IN EMPLOYMENT, EDUCATION OR TRAINING (NEET) BY REGION AND TYPE OF LOCALITY.

| Region | Youth (15-35) not in education, employment or training | | | Total Youth 15-35 years | | | NEET | | |
|---------------|--------------------------------------------------------|-----------|-----------|-------------------------|-----------|-----------|-------|-------|-------|
| | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
| Q1 | | | | | | | | | |
| Total | 2,734,592 | 1,683,543 | 1,051,049 | 10,483,012 | 6,038,319 | 4,444,694 | 26.1 | 27.9 | 23.6 |
| WESTERN | 154,272 | 94,594 | 59,677 | 721,326 | 369,682 | 351,645 | 21.4 | 25.6 | 17.0 |
| CENTRAL | 216,051 | 145,827 | 70,224 | 914,303 | 549,889 | 364,414 | 23.6 | 26.5 | 19.3 |
| GREATER ACCRA | 601,101 | 560,477 | 40,624 | 1,905,056 | 1,748,349 | 156,707 | 31.6 | 32.1 | 25.9 |
| VOLTA | 135,663 | 68,201 | 67,462 | 513,777 | 231,813 | 281,964 | 26.4 | 29.4 | 23.9 |
| EASTERN | 251,699 | 120,647 | 131,052 | 975,455 | 495,010 | 480,445 | 25.8 | 24.4 | 27.3 |
| ASHANTI | 518,576 | 319,861 | 198,715 | 1,860,905 | 1,166,168 | 694,737 | 27.9 | 27.4 | 28.6 |
| WESTERN NORTH | 83,454 | 28,360 | 55,094 | 320,138 | 99,501 | 220,637 | 26.1 | 28.5 | 25.0 |
| AHAFO | 45,333 | 26,393 | 18,940 | 193,375 | 94,860 | 98,514 | 23.4 | 27.8 | 19.2 |
| BONO | 102,045 | 70,227 | 31,818 | 413,024 | 253,293 | 159,731 | 24.7 | 27.7 | 19.9 |
| BONO EAST | 74,278 | 56,147 | 18,131 | 413,557 | 227,283 | 186,274 | 18.0 | 24.7 | 9.7 |
| OTI | 41,508 | 15,615 | 25,893 | 249,146 | 83,382 | 165,764 | 16.7 | 18.7 | 15.6 |
| NORTHERN | 211,474 | 94,527 | 116,947 | 805,528 | 378,756 | 426,772 | 26.3 | 25.0 | 27.4 |
| SAVANNAH | 71,884 | 24,145 | 47,739 | 215,781 | 69,373 | 146,408 | 33.3 | 34.8 | 32.6 |
| NORTH EAST | 50,713 | 19,264 | 31,449 | 223,926 | 78,009 | 145,917 | 22.6 | 24.7 | 21.6 |
| UPPER EAST | 107,963 | 23,655 | 84,308 | 460,202 | 114,819 | 345,383 | 23.5 | 20.6 | 24.4 |
| UPPER WEST | 68,579 | 15,603 | 52,976 | 297,514 | 78,133 | 219,381 | 23.1 | 20.0 | 24.1 |
| Q2 | | | | | | | | | |
| Total | 2,563,736 | 1,523,413 | 1,040,323 | 10,590,968 | 6,078,647 | 4,512,321 | 24.2 | 25.1 | 23.1 |
| WESTERN | 150,461 | 67,428 | 83,033 | 736,580 | 379,878 | 356,702 | 20.4 | 17.7 | 23.3 |
| CENTRAL | 211,463 | 123,592 | 87,871 | 921,361 | 551,206 | 370,155 | 23.0 | 22.4 | 23.7 |
| GREATER ACCRA | 552,871 | 501,592 | 51,279 | 1,913,426 | 1,756,778 | 156,647 | 28.9 | 28.6 | 32.7 |
| VOLTA | 130,637 | 62,072 | 68,565 | 520,419 | 235,106 | 285,313 | 25.1 | 26.4 | 24.0 |
| EASTERN | 253,149 | 114,312 | 138,837 | 993,063 | 502,210 | 490,853 | 25.5 | 22.8 | 28.3 |
| ASHANTI | 464,763 | 312,277 | 152,486 | 1,871,869 | 1,168,133 | 703,736 | 24.8 | 26.7 | 21.7 |

| | | | | | | | | | |
|---------------|---------|---------|--------|---------|---------|---------|------|------|------|
| WESTERN NORTH | 64,292 | 19,103 | 45,189 | 323,747 | 100,385 | 223,362 | 19.9 | 19.0 | 20.2 |
| AHAFO | 42,456 | 22,462 | 19,994 | 197,154 | 95,894 | 101,260 | 21.5 | 23.4 | 19.7 |
| BONO | 93,192 | 59,382 | 33,810 | 415,825 | 254,051 | 161,774 | 22.4 | 23.4 | 20.9 |
| BONO EAST | 68,728 | 39,908 | 28,821 | 416,697 | 229,229 | 187,468 | 16.5 | 17.4 | 15.4 |
| OTI | 46,860 | 16,094 | 30,766 | 252,597 | 82,111 | 170,486 | 18.6 | 19.6 | 18.0 |
| NORTHERN | 194,551 | 107,183 | 87,368 | 812,720 | 379,781 | 432,939 | 23.9 | 28.2 | 20.2 |
| SAVANNAH | 59,289 | 20,790 | 38,499 | 221,992 | 72,268 | 149,723 | 26.7 | 28.8 | 25.7 |
| NORTH EAST | 58,727 | 20,419 | 38,308 | 226,129 | 78,951 | 147,178 | 26.0 | 25.9 | 26.0 |
| UPPER EAST | 107,862 | 25,863 | 81,999 | 468,120 | 114,584 | 353,537 | 23.0 | 22.6 | 23.2 |
| UPPER WEST | 64,434 | 10,938 | 53,496 | 299,269 | 78,081 | 221,188 | 21.5 | 14.0 | 24.2 |

Q3

| Region | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
|---------------|-----------|-----------|-----------|------------|-----------|-----------|-------|-------|-------|
| Total | 2,518,425 | 1,491,031 | 1,027,394 | 10,610,163 | 6,069,971 | 4,540,193 | 23.7 | 24.6 | 22.6 |
| WESTERN | 156,273 | 74,831 | 81,442 | 729,095 | 371,248 | 357,847 | 21.4 | 20.2 | 22.8 |
| CENTRAL | 208,040 | 126,989 | 81,051 | 937,227 | 563,038 | 374,188 | 22.2 | 22.6 | 21.7 |
| GREATER ACCRA | 555,025 | 507,983 | 47,041 | 1,890,892 | 1,732,039 | 158,854 | 29.4 | 29.3 | 29.6 |
| VOLTA | 126,412 | 65,278 | 61,134 | 532,209 | 242,168 | 290,041 | 23.8 | 27.0 | 21.1 |
| EASTERN | 207,879 | 89,868 | 118,012 | 988,294 | 493,262 | 495,032 | 21.0 | 18.2 | 23.8 |
| ASHANTI | 468,906 | 285,772 | 183,133 | 1,865,732 | 1,167,842 | 697,890 | 25.1 | 24.5 | 26.2 |
| WESTERN NORTH | 76,829 | 23,743 | 53,086 | 326,713 | 101,345 | 225,369 | 23.5 | 23.4 | 23.6 |
| AHAFO | 41,931 | 26,462 | 15,469 | 197,290 | 97,346 | 99,944 | 21.3 | 27.2 | 15.5 |
| BONO | 84,114 | 54,323 | 29,791 | 414,306 | 255,181 | 159,124 | 20.3 | 21.3 | 18.7 |
| BONO EAST | 68,956 | 46,906 | 22,050 | 418,838 | 232,781 | 186,057 | 16.5 | 20.2 | 11.9 |
| OTI | 46,500 | 19,328 | 27,172 | 253,998 | 83,386 | 170,613 | 18.3 | 23.2 | 15.9 |
| NORTHERN | 179,487 | 98,082 | 81,404 | 818,631 | 383,260 | 435,371 | 21.9 | 25.6 | 18.7 |
| SAVANNAH | 62,618 | 18,087 | 44,532 | 225,479 | 70,718 | 154,760 | 27.8 | 25.6 | 28.8 |
| NORTH EAST | 55,931 | 20,174 | 35,757 | 230,506 | 79,105 | 151,401 | 24.3 | 25.5 | 23.6 |
| UPPER EAST | 114,214 | 19,444 | 94,771 | 471,742 | 116,504 | 355,238 | 24.2 | 16.7 | 26.7 |
| UPPER WEST | 65,311 | 13,762 | 51,549 | 309,212 | 80,750 | 228,462 | 21.1 | 17.0 | 22.6 |

Q4

| Region | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
|---------------|-----------|-----------|---------|------------|-----------|-----------|-------|-------|-------|
| Total | 2,111,386 | 1,296,497 | 814,889 | 10,444,393 | 6,008,403 | 4,435,990 | 20.2 | 21.6 | 18.4 |
| WESTERN | 129,631 | 69,316 | 60,315 | 722,331 | 378,220 | 344,111 | 17.9 | 18.3 | 17.5 |
| CENTRAL | 174,877 | 103,353 | 71,524 | 926,460 | 557,147 | 369,313 | 18.9 | 18.6 | 19.4 |
| GREATER ACCRA | 502,910 | 460,444 | 42,466 | 1,897,904 | 1,750,674 | 147,230 | 26.5 | 26.3 | 28.8 |
| VOLTA | 96,751 | 52,440 | 44,311 | 518,206 | 239,231 | 278,975 | 18.7 | 21.9 | 15.9 |
| EASTERN | 171,904 | 83,903 | 88,001 | 950,173 | 477,309 | 472,864 | 18.1 | 17.6 | 18.6 |
| ASHANTI | 423,102 | 258,120 | 164,982 | 1,847,726 | 1,145,265 | 702,462 | 22.9 | 22.5 | 23.5 |
| WESTERN NORTH | 42,403 | 17,670 | 24,733 | 311,932 | 96,266 | 215,666 | 13.6 | 18.4 | 11.5 |
| AHAFO | 34,499 | 17,279 | 17,220 | 189,393 | 91,217 | 98,176 | 18.2 | 18.9 | 17.5 |
| BONO | 66,515 | 45,621 | 20,894 | 408,166 | 250,993 | 157,173 | 16.3 | 18.2 | 13.3 |
| BONO EAST | 51,195 | 34,977 | 16,218 | 405,672 | 224,852 | 180,821 | 12.6 | 15.6 | 9.0 |
| OTI | 26,965 | 7,419 | 19,546 | 240,691 | 77,984 | 162,707 | 11.2 | 9.5 | 12.0 |
| NORTHERN | 153,284 | 80,637 | 72,648 | 789,727 | 370,578 | 419,149 | 19.4 | 21.8 | 17.3 |
| SAVANNAH | 44,316 | 14,859 | 29,458 | 219,125 | 72,573 | 146,551 | 20.2 | 20.5 | 20.1 |
| NORTH EAST | 39,416 | 18,231 | 21,185 | 231,705 | 79,325 | 152,380 | 17.0 | 23.0 | 13.9 |
| UPPER EAST | 109,345 | 22,977 | 86,368 | 477,735 | 116,136 | 361,599 | 22.9 | 19.8 | 23.9 |
| UPPER WEST | 44,273 | 9,253 | 35,020 | 307,446 | 80,633 | 226,813 | 14.4 | 11.5 | 15.4 |

TABLE 5.9: POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY, REGION, AND SEX.

| Region | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|-----------------------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 18,815,464 | 8,406,298 | 10,409,167 | 18,899,993 | 8,436,309 | 10,463,684 | 19,071,964 | 8,532,471 | 10,539,493 | 19,034,427 | 8,471,653 | 10,562,775 |
| URBAN | 10,933,650 | 4,753,483 | 6,180,167 | 10,957,023 | 4,751,126 | 6,205,897 | 11,080,175 | 4,839,432 | 6,240,743 | 11,088,048 | 4,794,390 | 6,293,658 |
| RURAL | 7,881,814 | 3,652,814 | 4,229,000 | 7,942,970 | 3,685,183 | 4,257,787 | 7,991,789 | 3,693,039 | 4,298,750 | 7,946,380 | 3,677,263 | 4,269,117 |
| WESTERN | 1,223,455 | 573,258 | 650,197 | 1,243,480 | 578,453 | 665,027 | 1,249,463 | 586,120 | 663,343 | 1,247,852 | 577,263 | 670,588 |
| CENTRAL GREATER ACCRA | 1,704,434 | 735,361 | 969,074 | 1,700,187 | 737,715 | 962,472 | 1,731,491 | 744,665 | 986,827 | 1,732,740 | 743,831 | 988,908 |
| VOLTA | 3,651,824 | 1,621,298 | 2,030,526 | 3,662,556 | 1,612,000 | 2,050,556 | 3,699,647 | 1,637,028 | 2,062,619 | 3,729,865 | 1,625,585 | 2,104,280 |
| EASTERN | 1,015,870 | 434,199 | 581,670 | 1,020,541 | 428,918 | 591,624 | 1,031,692 | 439,978 | 591,714 | 1,027,791 | 427,006 | 600,786 |
| ASHANTI WESTERN NORTH | 1,809,713 | 774,663 | 1,035,050 | 1,818,855 | 782,956 | 1,035,899 | 1,825,536 | 786,293 | 1,039,244 | 1,804,448 | 779,447 | 1,025,001 |
| AHAFO | 3,309,940 | 1,456,410 | 1,853,530 | 3,320,515 | 1,460,784 | 1,859,731 | 3,331,813 | 1,475,384 | 1,856,429 | 3,325,385 | 1,463,498 | 1,861,887 |
| BONO | 531,157 | 250,419 | 280,738 | 533,983 | 252,109 | 281,874 | 542,113 | 255,431 | 286,682 | 532,134 | 252,629 | 279,505 |
| BONO EAST | 338,456 | 155,565 | 182,891 | 340,644 | 157,293 | 183,351 | 343,237 | 157,500 | 185,737 | 340,756 | 154,728 | 186,028 |
| OTI | 739,066 | 314,155 | 424,912 | 740,789 | 315,730 | 425,058 | 740,024 | 315,496 | 424,528 | 745,977 | 311,428 | 434,550 |
| NORTHERN | 700,902 | 330,351 | 370,551 | 706,880 | 333,373 | 373,507 | 706,250 | 332,114 | 374,136 | 703,990 | 332,559 | 371,431 |
| | 435,635 | 212,786 | 222,849 | 437,401 | 212,641 | 224,760 | 438,307 | 214,650 | 223,657 | 432,003 | 213,867 | 218,136 |
| | 1,305,710 | 600,997 | 704,713 | 1,310,113 | 605,168 | 704,945 | 1,328,803 | 615,977 | 712,826 | 1,305,379 | 607,369 | 698,010 |

| Region | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| SAVANNAH | 373,236 | 171,006 | 202,230 | 380,733 | 176,775 | 203,958 | 387,369 | 177,671 | 209,699 | 382,031 | 173,924 | 208,107 |
| NORTH | | | | | | | | | | | | |
| EAST | 356,267 | 163,645 | 192,623 | 360,356 | 166,511 | 193,845 | 367,702 | 169,474 | 198,228 | 369,609 | 174,248 | 195,362 |
| UPPER | | | | | | | | | | | | |
| EAST | 787,260 | 370,899 | 416,362 | 791,321 | 374,015 | 417,306 | 802,561 | 377,114 | 425,448 | 807,783 | 383,653 | 424,130 |
| UPPER | | | | | | | | | | | | |
| WEST | 532,538 | 241,287 | 291,251 | 531,639 | 241,866 | 289,773 | 545,954 | 247,576 | 298,378 | 546,685 | 250,619 | 296,066 |

TABLE 5.10: EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY, REGION, AND SEX.

| Region | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|-----------------------------|------------------------|--------------------|----------------------|------------------------|--------------------|----------------------|------------------------|--------------------|----------------------|------------------------|--------------------|----------------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 11,215,323 | 5,291,366 | 5,923,957 | 10,661,227 | 4,986,390 | 5,674,837 | 11,094,419 | 5,207,112 | 5,887,307 | 11,148,465 | 5,190,519 | 5,957,946 |
| URBAN | 6,207,063 | 2,817,340 | 3,389,722 | 5,861,675 | 2,630,331 | 3,231,344 | 6,192,674 | 2,820,814 | 3,371,861 | 6,129,243 | 2,750,370 | 3,378,873 |
| RURAL | 5,008,260 | 2,474,025 | 2,534,235 | 4,799,553 | 2,356,059 | 2,443,494 | 4,901,745 | 2,386,299 | 2,515,446 | 5,019,223 | 2,440,150 | 2,579,073 |
| WESTERN | 784,883 | 376,047 | 408,836 | 723,407 | 339,102 | 384,305 | 772,246 | 372,355 | 399,891 | 752,212 | 349,676 | 402,536 |
| CENTRAL GREATER ACCRA | 1,030,014 2,006,783 | 462,417 933,143 | 567,597 1,073,641 | 1,007,278 1,881,768 | 448,545 858,591 | 558,733 1,023,177 | 1,036,323 1,992,479 | 448,600 935,010 | 587,723 1,057,468 | 1,059,458 1,849,215 | 480,474 839,399 | 578,985 1,009,816 |
| VOLTA | 598,675 | 265,421 | 333,254 | 560,842 | 250,852 | 309,989 | 579,565 | 258,380 | 321,186 | 579,489 | 251,673 | 327,816 |
| EASTERN | 1,095,588 | 497,093 | 598,495 | 1,085,686 | 496,133 | 589,553 | 1,127,546 | 502,266 | 625,280 | 1,150,832 | 516,652 | 634,180 |
| ASHANTI WESTERN NORTH | 1,857,890 330,729 | 868,329 166,051 | 989,561 164,678 | 1,736,405 331,405 | 810,810 164,992 | 925,595 166,413 | 1,845,922 317,384 | 878,619 157,521 | 967,303 159,863 | 1,851,202 348,347 | 851,115 170,972 | 1,000,087 177,376 |
| AHAFO | 219,364 | 107,603 | 111,761 | 200,814 | 96,470 | 104,344 | 204,992 | 95,126 | 109,866 | 207,586 | 97,541 | 110,045 |
| BONO | 471,087 | 211,781 | 259,307 | 454,523 | 199,706 | 254,817 | 456,985 | 203,645 | 253,339 | 497,985 | 210,286 | 287,699 |
| BONO EAST | 509,691 | 254,337 | 255,354 | 482,925 | 243,999 | 238,927 | 479,205 | 230,718 | 248,487 | 503,953 | 253,168 | 250,785 |
| OTI | 331,900 | 173,204 | 158,696 | 305,302 | 154,736 | 150,566 | 311,042 | 161,305 | 149,737 | 321,921 | 170,599 | 151,322 |
| NORTHERN | 768,423 | 374,895 | 393,528 | 779,460 | 387,061 | 392,399 | 813,506 | 402,244 | 411,261 | 786,916 | 395,758 | 391,158 |
| SAVANNAH | 217,802 | 113,388 | 104,414 | 236,895 | 120,180 | 116,714 | 236,161 | 120,151 | 116,010 | 252,123 | 122,523 | 129,601 |

| Region | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| NORTH EAST UPPER | 230,889 | 110,907 | 119,981 | 204,881 | 96,980 | 107,901 | 208,029 | 97,418 | 110,610 | 233,576 | 114,197 | 119,378 |
| EAST UPPER | 457,821 | 221,059 | 236,762 | 377,255 | 178,805 | 198,450 | 382,936 | 181,552 | 201,383 | 416,056 | 208,375 | 207,682 |
| WEST | 303,785 | 155,691 | 148,094 | 292,381 | 139,427 | 152,953 | 330,100 | 162,201 | 167,898 | 337,595 | 158,113 | 179,482 |

TABLE 5.11: EMPLOYMENT TO POPULATION RATIO BY LOCALITY, REGION, AND SEX.

| Region | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|--------------------------------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 59.6 | 62.9 | 56.9 | 56.4 | 59.1 | 54.2 | 58.2 | 61.0 | 55.9 | 58.6 | 61.3 | 56.4 |
| URBAN | 56.8 | 59.3 | 54.8 | 53.5 | 55.4 | 52.1 | 55.9 | 58.3 | 54.0 | 55.3 | 57.4 | 53.7 |
| RURAL | 63.5 | 67.7 | 59.9 | 60.4 | 63.9 | 57.4 | 61.3 | 64.6 | 58.5 | 63.2 | 66.4 | 60.4 |
| WESTERN | 64.2 | 65.6 | 62.9 | 58.2 | 58.6 | 57.8 | 61.8 | 63.5 | 60.3 | 60.3 | 60.6 | 60.0 |
| CENTRAL GREATER ACCRA | 60.4 | 62.9 | 58.6 | 59.2 | 60.8 | 58.1 | 59.9 | 60.2 | 59.6 | 61.1 | 64.6 | 58.5 |
| VOLTA | 55.0 | 57.6 | 52.9 | 51.4 | 53.3 | 49.9 | 53.9 | 57.1 | 51.3 | 49.6 | 51.6 | 48.0 |
| EASTERN | 58.9 | 61.1 | 57.3 | 55.0 | 58.5 | 52.4 | 56.2 | 58.7 | 54.3 | 56.4 | 58.9 | 54.6 |
| ASHANTI WESTERN NORTH | 60.5 | 64.2 | 57.8 | 59.7 | 63.4 | 56.9 | 61.8 | 63.9 | 60.2 | 63.8 | 66.3 | 61.9 |
| AHAFO | 56.1 | 59.6 | 53.4 | 52.3 | 55.5 | 49.8 | 55.4 | 59.6 | 52.1 | 55.7 | 58.2 | 53.7 |
| BONO | 62.3 | 66.3 | 58.7 | 62.1 | 65.4 | 59.0 | 58.5 | 61.7 | 55.8 | 65.5 | 67.7 | 63.5 |
| BONO EAST | 64.8 | 69.2 | 61.1 | 59.0 | 61.3 | 56.9 | 59.7 | 60.4 | 59.2 | 60.9 | 63.0 | 59.2 |
| OTI | 63.7 | 67.4 | 61.0 | 61.4 | 63.3 | 59.9 | 61.8 | 64.5 | 59.7 | 66.8 | 67.5 | 66.2 |
| NORTHERN | 72.7 | 77.0 | 68.9 | 68.3 | 73.2 | 64.0 | 67.9 | 69.5 | 66.4 | 71.6 | 76.1 | 67.5 |
| SAVANNAH NORTH EAST | 76.2 | 81.4 | 71.2 | 69.8 | 72.8 | 67.0 | 71.0 | 75.1 | 66.9 | 74.5 | 79.8 | 69.4 |
| UPPER EAST UPPER WEST | 58.9 | 62.4 | 55.8 | 59.5 | 64.0 | 55.7 | 61.2 | 65.3 | 57.7 | 60.3 | 65.2 | 56.0 |
| | 58.4 | 66.3 | 51.6 | 62.2 | 68.0 | 57.2 | 61.0 | 67.6 | 55.3 | 66.0 | 70.4 | 62.3 |
| | 64.8 | 67.8 | 62.3 | 56.9 | 58.2 | 55.7 | 56.6 | 57.5 | 55.8 | 63.2 | 65.5 | 61.1 |
| | 58.2 | 59.6 | 56.9 | 47.7 | 47.8 | 47.6 | 47.7 | 48.1 | 47.3 | 51.5 | 54.3 | 49.0 |
| | 57.0 | 64.5 | 50.8 | 55.0 | 57.6 | 52.8 | 60.5 | 65.5 | 56.3 | 61.8 | 63.1 | 60.6 |

TABLE 5.12: POPULATION 15 YEARS AND OLDER BY AGE AND SEX.

| Age Group | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|-----------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 18,815,464 | 8,406,298 | 10,409,167 | 18,899,993 | 8,436,309 | 10,463,684 | 19,071,964 | 8,532,471 | 10,539,493 | 19,034,427 | 8,471,653 | 10,562,775 |
| 15-19 | 3,450,447 | 1,728,426 | 1,722,021 | 3,551,220 | 1,759,955 | 1,791,265 | 3,552,455 | 1,782,211 | 1,770,244 | 3,488,965 | 1,760,027 | 1,728,937 |
| 20-24 | 2,675,639 | 1,225,699 | 1,449,941 | 2,723,268 | 1,259,957 | 1,463,310 | 2,800,836 | 1,292,654 | 1,508,182 | 2,738,028 | 1,248,736 | 1,489,292 |
| 25-29 | 2,072,803 | 888,806 | 1,183,997 | 2,064,405 | 881,868 | 1,182,537 | 2,017,146 | 881,091 | 1,136,054 | 1,980,862 | 864,085 | 1,116,777 |
| 30-34 | 1,879,369 | 782,392 | 1,096,978 | 1,875,083 | 770,034 | 1,105,049 | 1,860,294 | 767,126 | 1,093,168 | 1,897,751 | 764,554 | 1,133,197 |
| 35-39 | 1,838,974 | 804,306 | 1,034,668 | 1,790,784 | 782,562 | 1,008,223 | 1,797,833 | 777,376 | 1,020,457 | 1,755,623 | 756,453 | 999,170 |
| 40-44 | 1,581,204 | 677,180 | 904,024 | 1,570,211 | 685,774 | 884,437 | 1,586,329 | 681,601 | 904,728 | 1,632,457 | 709,066 | 923,391 |
| 45-49 | 1,293,852 | 597,641 | 696,211 | 1,283,799 | 584,846 | 698,953 | 1,280,600 | 588,910 | 691,690 | 1,306,132 | 590,494 | 715,638 |
| 50-54 | 1,076,477 | 461,478 | 614,999 | 1,092,405 | 470,686 | 621,719 | 1,147,255 | 489,840 | 657,415 | 1,177,817 | 494,834 | 682,983 |
| 55-59 | 830,336 | 362,021 | 468,315 | 815,445 | 350,479 | 464,966 | 829,951 | 358,360 | 471,590 | 844,870 | 368,996 | 475,874 |
| 60-64 | 685,460 | 303,916 | 381,544 | 684,627 | 304,531 | 380,095 | 698,233 | 309,022 | 389,211 | 699,234 | 310,464 | 388,771 |
| 65+ | 1,430,904 | 574,434 | 856,470 | 1,448,747 | 585,619 | 863,129 | 1,501,033 | 604,278 | 896,755 | 1,512,687 | 603,944 | 908,743 |

TABLE 5.13: EMPLOYED POPULATION 15 YEARS AND OLDER BY AGE AND SEX.

| Age Group | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 11,215,323 | 5,291,366 | 5,923,957 | 10,661,227 | 4,986,390 | 5,674,837 | 11,094,419 | 5,207,112 | 5,887,307 | 11,148,465 | 5,190,519 | 5,957,946 |
| 15-19 | 790,566 | 416,758 | 373,807 | 704,914 | 384,295 | 320,619 | 772,532 | 408,196 | 364,336 | 729,617 | 390,196 | 339,420 |
| 20-24 | 1,065,218 | 534,383 | 530,835 | 1,012,042 | 519,702 | 492,340 | 1,088,723 | 569,264 | 519,459 | 1,102,580 | 544,442 | 558,138 |
| 25-29 | 1,323,024 | 618,035 | 704,989 | 1,209,098 | 554,483 | 654,615 | 1,259,867 | 585,174 | 674,693 | 1,201,963 | 564,986 | 636,976 |
| 30-34 | 1,472,405 | 663,320 | 809,085 | 1,415,478 | 619,762 | 795,716 | 1,412,630 | 621,852 | 790,779 | 1,471,530 | 644,231 | 827,299 |
| 35-39 | 1,553,300 | 718,134 | 835,165 | 1,435,829 | 643,525 | 792,305 | 1,476,356 | 662,254 | 814,102 | 1,435,254 | 647,065 | 788,189 |
| 40-44 | 1,335,919 | 607,903 | 728,016 | 1,294,049 | 591,435 | 702,614 | 1,314,349 | 597,245 | 717,104 | 1,372,416 | 621,368 | 751,048 |
| 45-49 | 1,105,322 | 543,230 | 562,092 | 1,068,005 | 505,704 | 562,301 | 1,098,348 | 530,598 | 567,750 | 1,115,350 | 532,148 | 583,202 |
| 50-54 | 888,998 | 406,692 | 482,306 | 892,045 | 399,878 | 492,167 | 941,616 | 416,590 | 525,027 | 980,150 | 437,258 | 542,892 |
| 55-59 | 668,889 | 303,503 | 365,385 | 640,971 | 292,407 | 348,564 | 664,968 | 306,074 | 358,894 | 671,189 | 313,648 | 357,541 |
| 60-64 | 454,933 | 210,958 | 243,975 | 431,072 | 203,978 | 227,094 | 465,455 | 214,981 | 250,473 | 450,765 | 199,237 | 251,528 |
| 65+ | 556,750 | 268,449 | 288,301 | 557,722 | 271,219 | 286,503 | 599,575 | 294,885 | 304,690 | 617,654 | 295,941 | 321,712 |

TABLE 5.14: EMPLOYMENT TO POPULATION RATIO BY AGE AND SEX.

| Age Group | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|-----------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 59.6 | 62.9 | 56.9 | 56.4 | 59.1 | 54.2 | 58.2 | 61.0 | 55.9 | 58.6 | 61.3 | 56.4 |
| 15-19 | 22.9 | 24.1 | 21.7 | 19.8 | 21.8 | 17.9 | 21.7 | 22.9 | 20.6 | 20.9 | 22.2 | 19.6 |
| 20-24 | 39.8 | 43.6 | 36.6 | 37.2 | 41.2 | 33.6 | 38.9 | 44.0 | 34.4 | 40.3 | 43.6 | 37.5 |
| 25-29 | 63.8 | 69.5 | 59.5 | 58.6 | 62.9 | 55.4 | 62.5 | 66.4 | 59.4 | 60.7 | 65.4 | 57.0 |
| 30-34 | 78.3 | 84.8 | 73.8 | 75.5 | 80.5 | 72.0 | 75.9 | 81.1 | 72.3 | 77.5 | 84.3 | 73.0 |
| 35-39 | 84.5 | 89.3 | 80.7 | 80.2 | 82.2 | 78.6 | 82.1 | 85.2 | 79.8 | 81.8 | 85.5 | 78.9 |
| 40-44 | 84.5 | 89.8 | 80.5 | 82.4 | 86.2 | 79.4 | 82.9 | 87.6 | 79.3 | 84.1 | 87.6 | 81.3 |
| 45-49 | 85.4 | 90.9 | 80.7 | 83.2 | 86.5 | 80.4 | 85.8 | 90.1 | 82.1 | 85.4 | 90.1 | 81.5 |
| 50-54 | 82.6 | 88.1 | 78.4 | 81.7 | 85.0 | 79.2 | 82.1 | 85.0 | 79.9 | 83.2 | 88.4 | 79.5 |
| 55-59 | 80.6 | 83.8 | 78.0 | 78.6 | 83.4 | 75.0 | 80.1 | 85.4 | 76.1 | 79.4 | 85.0 | 75.1 |
| 60-64 | 66.4 | 69.4 | 63.9 | 63.0 | 67.0 | 59.7 | 66.7 | 69.6 | 64.4 | 64.5 | 64.2 | 64.7 |
| 65+ | 38.9 | 46.7 | 33.7 | 38.5 | 46.3 | 33.2 | 39.9 | 48.8 | 34.0 | 40.8 | 49.0 | 35.4 |

TABLE 5.15: EMPLOYMENT STATUS OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY SEX.

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|-------------------------------------------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 11,214,069 | 5,291,108 | 5,922,961 | 10,661,227 | 4,986,390 | 5,674,837 | 10,639,451 | 5,004,061 | 5,635,391 | 11,148,465 | 5,190,519 | 5,957,946 |
| Paid employee | 2,416,074 | 1,496,575 | 919,500 | 2,267,081 | 1,432,329 | 834,752 | 2,410,520 | 1,530,674 | 879,846 | 2,371,607 | 1,512,592 | 859,015 |
| Casual worker | 450,717 | 312,208 | 138,509 | 442,983 | 332,094 | 110,889 | 503,831 | 374,162 | 129,670 | 482,230 | 345,897 | 136,333 |
| Paid apprentice | 68,813 | 61,095 | 7,718 | 65,733 | 55,058 | 10,675 | 54,703 | 47,326 | 7,377 | 51,514.50 | 43,960.10 | 7,554.33 |
| Unpaid apprentice | 63,429 | 26,498 | 36,931 | 52,143 | 24,068 | 28,075 | 37,818 | 16,543 | 21,275 | 23,154.10 | 8,071.32 | 15,082.80 |
| Non-agriculture self-employed with employees | 444,202 | 244,239 | 199,964 | 426,880 | 217,972 | 208,908 | 364,306 | 195,160 | 169,146 | 357,549 | 186,411 | 171,138 |
| Non- agriculture self-employed without employee | 3,364,614 | 916,300 | 2,448,314 | 3,144,524 | 787,949 | 2,356,575 | 2,957,144 | 709,132 | 2,248,012 | 2,887,730 | 654,431 | 2,233,299 |
| Non- agriculture contributing family worker | 392,769 | 114,416 | 278,352 | 298,185 | 80,585 | 217,600 | 266,207 | 69,653 | 196,555 | 416,193 | 124,630 | 291,563 |
| Agric-self-employed with employees | 205,228 | 147,387 | 57,841 | 157,336 | 113,154 | 44,183 | 181,653 | 120,853 | 60,800 | 175,714 | 112,321 | 63,393.20 |
| Agric self-employed without employees | 2,219,960 | 1,374,939 | 845,021 | 2,350,128 | 1,428,382 | 921,747 | 2,405,491 | 1,427,505 | 977,986 | 2,785,018 | 1,621,741 | 1,163,277 |
| Agric contributing family worker | 1,510,093 | 565,798 | 944,295 | 1,412,533 | 500,165 | 912,368 | 1,425,133 | 496,181 | 928,952 | 1,499,242 | 534,793 | 964,449 |
| Domestic workers | 46,706 | 12,221 | 34,486 | 21,526 | 8,178 | 13,348 | 22,635 | 9,133 | 13,502 | 66,299.90 | 24,109.20 | 42,190.60 |
| Other | 31,464 | 19,433 | 12,031 | 22,174 | 6,457 | 15,717 | 10,010 | 7,739 | 2,271 | 32,214.10 | 21,563.70 | 10,650.40 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Paid employee | 21.5 | 28.3 | 15.5 | 21.3 | 28.7 | 14.7 | 22.7 | 30.6 | 15.6 | 21.3 | 29.1 | 14.4 |
| Casual worker | 4.0 | 5.9 | 2.3 | 4.2 | 6.7 | 2.0 | 4.7 | 7.5 | 2.3 | 4.3 | 6.7 | 2.3 |
| Paid apprentice | 0.6 | 1.2 | 0.1 | 0.6 | 1.1 | 0.2 | 0.5 | 0.9 | 0.1 | 0.5 | 0.8 | 0.1 |

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|------------------------------------------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Unpaid apprentice | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.3 | 0.4 | 0.2 | 0.2 | 0.3 |
| Non-agric self-employed with employees | 4.0 | 4.6 | 3.4 | 4.0 | 4.4 | 3.7 | 3.4 | 3.9 | 3.0 | 3.2 | 3.6 | 2.9 |
| Non-agric self-employed without employee | 30.0 | 17.3 | 41.3 | 29.5 | 15.8 | 41.5 | 27.8 | 14.2 | 39.9 | 25.9 | 12.6 | 37.5 |
| Non-agric contributing family worker | 3.5 | 2.2 | 4.7 | 2.8 | 1.6 | 3.8 | 2.5 | 1.4 | 3.5 | 3.7 | 2.4 | 4.9 |
| Agric-self-employed with employees | 1.8 | 2.8 | 1.0 | 1.5 | 2.3 | 0.8 | 1.7 | 2.4 | 1.1 | 1.6 | 2.2 | 1.1 |
| Agric self-employed without employees | 19.8 | 26.0 | 14.3 | 22.0 | 28.6 | 16.2 | 22.6 | 28.5 | 17.4 | 25.0 | 31.2 | 19.5 |
| Agric contributing family worker | 13.5 | 10.7 | 15.9 | 13.2 | 10.0 | 16.1 | 13.4 | 9.9 | 16.5 | 13.4 | 10.3 | 16.2 |
| Domestic workers | 0.4 | 0.2 | 0.6 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.6 | 0.5 | 0.7 |
| Other | 0.3 | 0.4 | 0.2 | 0.2 | 0.1 | 0.3 | 0.1 | 0.2 | 0.0 | 0.3 | 0.4 | 0.2 |

TABLE 5.16: : EMPLOYMENT STATUS OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY.

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|------------------------------------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
| Total | 11,214,069 | 6,206,805 | 5,007,264 | 10,661,227 | 5,861,675 | 4,799,553 | 10,639,451 | 5,886,968 | 4,752,483 | 11,148,465 | 6,129,243 | 5,019,223 |
| Paid employee | 2,416,074 | 1,879,637 | 536,437 | 2,267,081 | 1,760,949 | 506,132 | 2,410,520 | 1,928,183 | 482,338 | 2,371,607 | 1,860,206 | 511,402 |
| Casual worker | 450,717 | 288,751 | 161,966 | 442,983 | 288,426 | 154,557 | 503,831 | 319,738 | 184,093 | 482,230 | 293,465 | 188,765 |
| Paid apprentice | 68,813 | 45,998 | 22,815 | 65,733 | 40,227 | 25,506 | 54,703 | 36,293 | 18,409 | 51,514.50 | 34,221.10 | 17,293.40 |
| Unpaid apprentice | 63,429 | 42,404 | 21,024 | 52,143 | 30,665 | 21,478 | 37,818 | 21,189 | 16,629 | 23,154.10 | 12,179.40 | 10,974.70 |
| Non-agric self-employed with employees | 444,202 | 348,965 | 95,237 | 426,880 | 338,718 | 88,162 | 364,306 | 299,755 | 64,551 | 357,549 | 285,952 | 71,596.40 |
| Non-agric self-employed without employee | 3,364,614 | 2,420,822 | 943,791 | 3,144,524 | 2,303,517 | 841,007 | 2,957,144 | 2,175,053 | 782,091 | 2,887,730 | 2,106,090 | 781,640 |
| Non-agric contributing family worker | 392,769 | 241,894 | 150,875 | 298,185 | 195,978 | 102,207 | 266,207 | 181,341 | 84,866 | 416,193 | 270,769 | 145,425 |
| Agric-self-employed with employees | 205,228 | 61,998 | 143,230 | 157,336 | 54,663 | 102,673 | 181,653 | 63,234 | 118,419 | 175,714 | 70,920.60 | 104,794 |
| Agric self-employed without employees | 2,219,960 | 539,704 | 1,680,256 | 2,350,128 | 562,243 | 1,787,885 | 2,405,491 | 594,910 | 1,810,581 | 2,785,018 | 828,193 | 1,956,825 |
| Agric contributing family worker | 1,510,093 | 278,918 | 1,231,175 | 1,412,533 | 259,462 | 1,153,070 | 1,425,133 | 243,913 | 1,181,220 | 1,499,242 | 289,747 | 1,209,495 |
| Domestic workers | 46,706 | 33,529 | 13,178 | 21,526 | 12,027 | 9,499 | 22,635 | 15,083 | 7,552 | 66,299.90 | 48,687.30 | 17,612.60 |
| Other | 31,464 | 24,183 | 7,281 | 22,174 | 14,799 | 7,375 | 10,010 | 8,277 | 1,733 | 32,214.10 | 28,812.90 | 3,401.21 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Paid employee | 21.5 | 30.3 | 10.7 | 21.3 | 30.0 | 10.5 | 22.7 | 32.8 | 10.1 | 21.3 | 30.3 | 10.2 |
| Casual worker | 4.0 | 4.7 | 3.2 | 4.2 | 4.9 | 3.2 | 4.7 | 5.4 | 3.9 | 4.3 | 4.8 | 3.8 |
| Paid apprentice | 0.6 | 0.7 | 0.5 | 0.6 | 0.7 | 0.5 | 0.5 | 0.6 | 0.4 | 0.5 | 0.6 | 0.3 |
| Unpaid apprentice | 0.6 | 0.7 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 |

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL | Total | URBAN | RURAL |
| Non-agric self-employed with employees | 4.0 | 5.6 | 1.9 | 4.0 | 5.8 | 1.8 | 3.4 | 5.1 | 1.4 | 3.2 | 4.7 | 1.4 |
| Non-agric self-employed without employee | 30.0 | 39.0 | 18.8 | 29.5 | 39.3 | 17.5 | 27.8 | 36.9 | 16.5 | 25.9 | 34.4 | 15.6 |
| Non-agric contributing family worker | 3.5 | 3.9 | 3.0 | 2.8 | 3.3 | 2.1 | 2.5 | 3.1 | 1.8 | 3.7 | 4.4 | 2.9 |
| Agric-self-employed with employees | 1.8 | 1.0 | 2.9 | 1.5 | 0.9 | 2.1 | 1.7 | 1.1 | 2.5 | 1.6 | 1.2 | 2.1 |
| Agric self-employed without employees | 19.8 | 8.7 | 33.6 | 22.0 | 9.6 | 37.3 | 22.6 | 10.1 | 38.1 | 25.0 | 13.5 | 39.0 |
| Agric contributing family worker | 13.5 | 4.5 | 24.6 | 13.2 | 4.4 | 24.0 | 13.4 | 4.1 | 24.9 | 13.4 | 4.7 | 24.1 |
| Domestic workers | 0.4 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.6 | 0.8 | 0.4 |
| Other | 0.3 | 0.4 | 0.1 | 0.2 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.3 | 0.5 | 0.1 |

TABLE 5.17: FEMALE SHARE OF MANAGERIAL POSITION AMONG THE EMPLOYED POPULATION 15 YEARS AND OLDER.

| Quarter | Urban | | | Rural | | | Total | | | Shares | | |
|---------|---------|---------|-----------|--------|-----------|----------|---------|-----------|-----------|--------|-------|-------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Urban | Rural | Total |
| 1 | 145,672 | 101,777 | 43,895 | 26,426 | 17,789 | 8,637 | 172,098 | 119,566 | 52,532 | 30.1 | 32.7 | 30.5 |
| 2 | 84,371 | 53,899 | 30,472 | 15,328 | 9,907 | 5,421 | 99,700 | 63,806 | 35,894 | 36.1 | 35.4 | 36.0 |
| 3 | 131,944 | 85,367 | 46,576 | 21,733 | 15,757 | 5,976 | 153,677 | 101,124 | 52,552 | 35.3 | 27.5 | 34.2 |
| 4 | 110,899 | 68,619 | 42,280.10 | 16,451 | 10,959.80 | 5,491.29 | 127,350 | 79,578.80 | 47,771.40 | 38.1 | 33.4 | 37.5 |

TABLE 5.18: MAIN OCCUPATION OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY REGION.

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------------------------------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 11,214,069 | 5,291,108 | 5,922,961 | 10,658,345 | 4,985,328 | 5,673,016 | 10,641,562 | 5,005,101 | 5,636,461 | 11,148,465 | 5,190,519 | 5,957,946 |
| Other Occupations | 5,530 | 5,267 | 263 | 6,348 | 6,348 | | 8,017 | 8,017 | | 15,798 | 15,798 | |
| Managers | 229,175 | 138,607 | 90,568 | 155,882 | 78,153 | 77,729 | 207,686 | 114,381 | 93,306 | 187,024 | 87,434.70 | 99,589.50 |
| Professionals | 634,594 | 336,760 | 297,834 | 620,973 | 335,074 | 285,900 | 636,482 | 352,616 | 283,866 | 684,292 | 364,945 | 319,347 |
| Technicians and associate professionals | 191,827 | 136,512 | 55,314 | 190,459 | 146,446 | 44,013 | 183,714 | 133,261 | 50,453 | 180,439 | 129,763 | 50,675.10 |
| Clerical support workers | 200,209 | 119,560 | 80,650 | 185,643 | 103,261 | 82,382 | 150,288 | 86,727 | 63,561 | 177,334 | 96,087.20 | 81,246.40 |
| Service and sales workers | 3,080,049 | 605,959 | 2,474,091 | 2,874,191 | 588,297 | 2,285,895 | 2,742,129 | 533,650 | 2,208,478 | 2,855,309 | 591,708 | 2,263,601 |
| Skilled agricultural, forestry and fisheries | 3,948,013 | 2,140,937 | 1,807,076 | 3,911,653 | 2,077,601 | 1,834,052 | 4,144,254 | 2,185,784 | 1,958,469 | 4,347,322 | 2,290,096 | 2,057,225 |
| Craft and related trades workers | 1,587,700 | 875,040 | 712,659 | 1,512,773 | 790,551 | 722,222 | 1,391,695 | 756,069 | 635,626 | 1,481,393 | 734,593 | 746,800 |
| Plant and machine operators, and assemble | 545,664 | 529,184 | 16,481 | 501,553 | 483,353 | 18,200 | 527,829 | 501,649 | 26,179 | 526,692 | 505,562 | 21,130.30 |
| Elementary occupations | 791,308 | 403,282 | 388,025 | 698,870 | 376,246 | 322,625 | 649,469 | 332,946 | 316,523 | 692,863 | 374,532 | 318,330 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Other Occupations | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.3 | 0.0 |
| Managers | 2.0 | 2.6 | 1.5 | 1.5 | 1.6 | 1.4 | 2.0 | 2.3 | 1.7 | 1.7 | 1.7 | 1.7 |
| Professionals | 5.7 | 6.4 | 5.0 | 5.8 | 6.7 | 5.0 | 6.0 | 7.0 | 5.0 | 6.1 | 7.0 | 5.4 |
| Technicians and associate professionals | 1.7 | 2.6 | 0.9 | 1.8 | 2.9 | 0.8 | 1.7 | 2.7 | 0.9 | 1.6 | 2.5 | 0.9 |
| Clerical support workers | 1.8 | 2.3 | 1.4 | 1.7 | 2.1 | 1.5 | 1.4 | 1.7 | 1.1 | 1.6 | 1.9 | 1.4 |
| Service and sales workers | 27.5 | 11.5 | 41.8 | 27.0 | 11.8 | 40.3 | 25.8 | 10.7 | 39.2 | 25.6 | 11.4 | 38.0 |
| Skilled agricultural, forestry and fisheries | 35.2 | 40.5 | 30.5 | 36.7 | 41.7 | 32.3 | 38.9 | 43.7 | 34.7 | 39.0 | 44.1 | 34.5 |
| Craft and related trades workers | 14.2 | 16.5 | 12.0 | 14.2 | 15.9 | 12.7 | 13.1 | 15.1 | 11.3 | 13.3 | 14.2 | 12.5 |

| | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|----------------------------------------------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Plant and machine operators, and assemble | 4.9 | 10.0 | 0.3 | 4.7 | 9.7 | 0.3 | 5.0 | 10.0 | 0.5 | 4.7 | 9.7 | 0.4 |
| Elementary occupations | 7.1 | 7.6 | 6.6 | 6.6 | 7.5 | 5.7 | 6.1 | 6.7 | 5.6 | 6.2 | 7.2 | 5.3 |

TABLE 5.19: MAIN INDUSTRY OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY REGION.

| Region | Q1 | | | | Q2 | | |
|---------------|-------------|---------------|-----------|------------|-------------|---------------|----------|
| | Agriculture | Manufacturing | Services | Total | Agriculture | Manufacturing | Services |
| Total | 4,144,294 | 1,940,303 | 5,130,726 | 11,215,323 | 37.0 | 17.3 | 45.7 |
| WESTERN | 290,885 | 190,049 | 303,948 | 784,883 | 37.1 | 24.2 | 38.7 |
| CENTRAL | 365,691 | 183,633 | 480,690 | 1,030,014 | 35.5 | 17.8 | 46.7 |
| GREATER ACCRA | 61,694 | 443,066 | 1,502,024 | 2,006,783 | 3.1 | 22.1 | 74.8 |
| VOLTA | 208,195 | 122,498 | 267,982 | 598,675 | 34.8 | 20.5 | 44.8 |
| EASTERN | 388,831 | 195,188 | 511,569 | 1,095,588 | 35.5 | 17.8 | 46.7 |
| ASHANTI | 467,299 | 353,032 | 1,037,558 | 1,857,890 | 25.2 | 19.0 | 55.8 |
| WESTERN NORTH | 229,122 | 30,204 | 71,403 | 330,729 | 69.3 | 9.1 | 21.6 |
| AHAFO | 134,546 | 24,728 | 60,090 | 219,364 | 61.3 | 11.3 | 27.4 |
| BONO | 279,188 | 48,542 | 143,358 | 471,087 | 59.3 | 10.3 | 30.4 |
| BONO EAST | 302,501 | 60,557 | 146,634 | 509,691 | 59.3 | 11.9 | 28.8 |
| OTI | 239,199 | 29,904 | 62,796 | 331,900 | 72.1 | 9.0 | 18.9 |
| NORTHERN | 436,797 | 83,038 | 248,589 | 768,423 | 56.8 | 10.8 | 32.4 |
| SAVANNAH | 155,707 | 20,298 | 41,797 | 217,802 | 71.5 | 9.3 | 19.2 |
| NORTH EAST | 169,446 | 17,049 | 44,394 | 230,889 | 73.4 | 7.4 | 19.2 |
| UPPER EAST | 248,421 | 81,639 | 127,761 | 457,821 | 54.3 | 17.8 | 27.9 |
| UPPER WEST | 166,772 | 56,879 | 80,134 | 303,785 | 54.9 | 18.7 | 26.4 |
| Q2 | | | | | | | |
| Total | 4,093,245 | 1,762,020 | 4,805,962 | 10,661,227 | 38.4 | 16.5 | 45.1 |
| WESTERN | 225,570 | 178,783 | 319,054 | 723,407 | 31.2 | 24.7 | 44.1 |
| CENTRAL | 368,317 | 169,662 | 469,300 | 1,007,278 | 36.6 | 16.8 | 46.6 |
| GREATER ACCRA | 64,164 | 421,298 | 1,396,305 | 1,881,768 | 3.4 | 22.4 | 74.2 |
| VOLTA | 220,929 | 93,985 | 245,929 | 560,842 | 39.4 | 16.8 | 43.8 |
| EASTERN | 379,430 | 214,725 | 491,531 | 1,085,686 | 34.9 | 19.8 | 45.3 |
| ASHANTI | 521,744 | 290,964 | 923,696 | 1,736,405 | 30.0 | 16.8 | 53.2 |
| WESTERN NORTH | 231,401 | 26,070 | 73,934 | 331,405 | 69.8 | 7.9 | 22.3 |

| | | | | | | | |
|------------|---------|--------|---------|---------|------|------|------|
| AHAFO | 122,653 | 23,167 | 54,994 | 200,814 | 61.1 | 11.5 | 27.4 |
| BONO | 279,890 | 41,183 | 133,450 | 454,523 | 61.6 | 9.1 | 29.4 |
| BONO EAST | 281,381 | 53,244 | 148,301 | 482,925 | 58.3 | 11.0 | 30.7 |
| OTI | 223,074 | 23,934 | 58,294 | 305,302 | 73.1 | 7.8 | 19.1 |
| NORTHERN | 494,352 | 66,500 | 218,608 | 779,460 | 63.4 | 8.5 | 28.0 |
| SAVANNAH | 174,500 | 18,596 | 43,799 | 236,895 | 73.7 | 7.8 | 18.5 |
| NORTH EAST | 145,806 | 13,054 | 46,021 | 204,881 | 71.2 | 6.4 | 22.5 |
| UPPER EAST | 193,456 | 74,236 | 109,562 | 377,255 | 51.3 | 19.7 | 29.0 |
| UPPER WEST | 166,579 | 52,619 | 73,182 | 292,381 | 57.0 | 18.0 | 25.0 |

Q3

| | | | | | | | |
|---------------|-----------|-----------|-----------|------------|------|------|------|
| Total | 4,325,817 | 1,761,868 | 4,753,211 | 10,840,896 | 39.9 | 16.3 | 43.8 |
| WESTERN | 263,201 | 176,091 | 304,729 | 744,021 | 35.4 | 23.7 | 41.0 |
| CENTRAL | 368,713 | 168,600 | 486,221 | 1,023,534 | 36.0 | 16.5 | 47.5 |
| GREATER ACCRA | 125,092 | 431,118 | 1,359,830 | 1,916,039 | 6.5 | 22.5 | 71.0 |
| VOLTA | 233,614 | 97,561 | 229,682 | 560,858 | 41.7 | 17.4 | 41.0 |
| EASTERN | 403,843 | 201,832 | 508,462 | 1,114,137 | 36.2 | 18.1 | 45.6 |
| ASHANTI | 507,913 | 330,422 | 965,074 | 1,803,409 | 28.2 | 18.3 | 53.5 |
| WESTERN NORTH | 216,921 | 30,143 | 64,792 | 311,856 | 69.6 | 9.7 | 20.8 |
| AHAFO | 130,246 | 21,832 | 47,416 | 199,494 | 65.3 | 10.9 | 23.8 |
| BONO | 265,146 | 38,102 | 140,775 | 444,022 | 59.7 | 8.6 | 31.7 |
| BONO EAST | 287,566 | 67,632 | 121,396 | 476,594 | 60.3 | 14.2 | 25.5 |
| OTI | 233,408 | 16,877 | 57,889 | 308,174 | 75.7 | 5.5 | 18.8 |
| NORTHERN | 513,210 | 47,556 | 229,128 | 789,894 | 65.0 | 6.0 | 29.0 |
| SAVANNAH | 177,626 | 17,887 | 38,057 | 233,571 | 76.0 | 7.7 | 16.3 |
| NORTH EAST | 164,907 | 8,572 | 33,644 | 207,123 | 79.6 | 4.1 | 16.2 |
| UPPER EAST | 231,922 | 52,116 | 97,723 | 381,762 | 60.8 | 13.7 | 25.6 |
| UPPER WEST | 202,490 | 55,524 | 68,393 | 326,407 | 62.0 | 17.0 | 21.0 |

| Q4 | | | | | | | |
|---------------|-------------|---------------|-----------|------------|-------------|---------------|-------------|
| Region | Agriculture | Manufacturing | Services | Total | Agriculture | Manufacturing | Services |
| Total | 4,490,993 | 1,745,919 | 4,911,553 | 11,148,465 | 40.3 | 15.7 | 44.1 |
| WESTERN | 276,965 | 154,575 | 320,673 | 752,212 | 36.8 | 20.5 | 42.6 |
| CENTRAL | 374,713 | 183,172 | 501,574 | 1,059,458 | 35.4 | 17.3 | 47.3 |
| GREATER ACCRA | 68,008.70 | 399,924 | 1,381,282 | 1,849,215 | 3.7 | 21.6 | 74.7 |
| VOLTA | 242,441 | 89,897 | 247,151 | 579,489 | 41.8 | 15.5 | 42.6 |
| EASTERN | 409,079 | 217,162 | 524,591 | 1,150,832 | 35.5 | 18.9 | 45.6 |
| ASHANTI | 568,007 | 323,616 | 959,579 | 1,851,202 | 30.7 | 17.5 | 51.8 |
| WESTERN NORTH | 246,065 | 25,274.50 | 77,008 | 348,347 | 70.6 | 7.3 | 22.1 |
| AHAFO | 142,341 | 19,804.40 | 45,440.30 | 207,586 | 68.6 | 9.5 | 21.9 |
| BONO | 300,158 | 40,500.70 | 157,325 | 497,985 | 60.3 | 8.1 | 31.6 |
| BONO EAST | 294,859 | 67,215.40 | 141,878 | 503,953 | 58.5 | 13.3 | 28.2 |
| OTI | 244,172 | 23,323.60 | 54,424.60 | 321,921 | 75.8 | 7.2 | 16.9 |
| NORTHERN | 496,841 | 61,963.70 | 228,111 | 786,916 | 63.1 | 7.9 | 29.0 |
| SAVANNAH | 181,713 | 18,854.60 | 51,555.20 | 252,123 | 72.1 | 7.5 | 20.4 |
| NORTH EAST | 189,182 | 8,862.22 | 35,531.40 | 233,576 | 81.0 | 3.8 | 15.2 |
| UPPER EAST | 264,010 | 53,119.60 | 98,926.50 | 416,056 | 63.5 | 12.8 | 23.8 |
| UPPER WEST | 192,437 | 58,653.50 | 86,504.30 | 337,595 | 57.0 | 17.4 | 25.6 |

TABLE 5.20: YOUTH POPULATION (15-35 YEARS) NOT IN EMPLOYMENT, EDUCATION OR TRAINING (NEET) BY AGE.

| Q1 | | | | | | | |
|-----|------------|----------|---------------|------------|----------------------|---------|--------------|
| Age | Population | Employed | Attending now | Unemployed | outside labour force | NEET | outside NEET |
| 15 | 751,945 | 135,849 | 524,840 | 16,191 | 599,905 | 153,309 | 598,636 |
| 16 | 763,793 | 167,287 | 476,149 | 31,544 | 564,962 | 182,223 | 581,570 |
| 17 | 655,869 | 148,841 | 384,767 | 25,819 | 481,208 | 168,018 | 487,851 |
| 18 | 652,072 | 159,161 | 332,807 | 38,437 | 454,473 | 174,459 | 477,613 |
| 19 | 626,767 | 179,427 | 232,936 | 66,635 | 380,705 | 211,091 | 415,676 |
| 20 | 586,577 | 188,663 | 173,287 | 58,614 | 339,300 | 198,871 | 387,706 |
| 21 | 620,159 | 230,760 | 142,095 | 68,260 | 321,140 | 201,588 | 418,571 |
| 22 | 590,559 | 230,621 | 125,405 | 70,674 | 289,264 | 189,176 | 401,384 |
| 23 | 448,183 | 203,204 | 75,821 | 107,440 | 137,539 | 136,077 | 312,107 |
| 24 | 430,160 | 211,970 | 40,484 | 113,918 | 104,272 | 150,407 | 279,753 |
| 25 | 453,461 | 243,244 | 48,304 | 99,577 | 110,640 | 133,440 | 320,022 |
| 26 | 398,208 | 226,918 | 31,717 | 93,889 | 77,402 | 121,435 | 276,773 |
| 27 | 413,925 | 265,042 | 23,191 | 84,717 | 64,166 | 118,347 | 295,578 |
| 28 | 395,302 | 275,660 | 17,484 | 71,737 | 47,905 | 95,179 | 300,123 |
| 29 | 411,906 | 312,160 | 14,758 | 59,953 | 39,793 | 78,682 | 333,224 |
| 30 | 370,845 | 282,722 | 11,842 | 57,072 | 31,051 | 75,863 | 294,982 |
| 31 | 425,272 | 336,856 | 13,152 | 60,715 | 27,702 | 77,546 | 347,726 |
| 32 | 406,338 | 320,184 | 16,495 | 44,004 | 42,151 | 70,732 | 335,606 |
| 33 | 365,646 | 280,939 | 5,432 | 50,169 | 34,538 | 78,517 | 287,129 |
| 34 | 311,268 | 251,704 | 6,084 | 38,327 | 21,237 | 56,806 | 254,463 |
| 35 | 404,754 | 338,399 | 4,564 | 34,899 | 31,457 | 62,828 | 341,926 |
| Q2 | | | | | | | |
| 15 | 796,592 | 152,774 | 591,479 | 9,857 | 633,961 | 80,258 | 716,334 |
| 16 | 736,434 | 130,611 | 466,441 | 14,765 | 591,058 | 107,294 | 629,140 |
| 17 | 702,371 | 128,481 | 419,004 | 28,016 | 545,874 | 107,738 | 594,633 |

| | | | | | | | |
|----|---------|---------|---------|--------|---------|---------|---------|
| 18 | 695,521 | 145,803 | 366,314 | 31,782 | 517,936 | 139,484 | 556,037 |
| 19 | 620,303 | 147,246 | 247,591 | 65,518 | 407,539 | 173,895 | 446,408 |
| 20 | 607,065 | 191,060 | 185,629 | 74,033 | 341,972 | 173,324 | 433,741 |
| 21 | 616,337 | 202,895 | 147,560 | 82,913 | 330,529 | 192,132 | 424,205 |
| 22 | 618,021 | 227,440 | 132,753 | 89,604 | 300,977 | 200,306 | 417,715 |
| 23 | 464,367 | 194,159 | 80,748 | 70,621 | 199,588 | 149,701 | 314,667 |
| 24 | 417,478 | 196,489 | 49,948 | 69,246 | 151,743 | 143,906 | 273,572 |
| 25 | 437,543 | 215,492 | 39,215 | 54,319 | 167,733 | 144,897 | 292,646 |
| 26 | 423,457 | 225,882 | 37,552 | 59,816 | 137,759 | 122,143 | 301,314 |
| 27 | 404,271 | 253,991 | 24,600 | 53,137 | 97,143 | 117,668 | 286,603 |
| 28 | 401,666 | 247,399 | 18,177 | 70,099 | 84,169 | 121,932 | 279,734 |
| 29 | 397,468 | 266,335 | 13,195 | 55,637 | 75,495 | 109,939 | 287,528 |
| 30 | 384,432 | 277,548 | 14,674 | 42,397 | 64,487 | 90,315 | 294,116 |
| 31 | 398,764 | 295,154 | 13,318 | 37,884 | 65,726 | 92,756 | 306,008 |
| 32 | 401,040 | 304,782 | 12,786 | 38,811 | 57,446 | 80,478 | 320,562 |
| 33 | 362,294 | 272,614 | 7,492 | 35,280 | 54,400 | 82,258 | 280,036 |
| 34 | 328,553 | 265,380 | 4,758 | 26,561 | 36,612 | 58,840 | 269,713 |
| 35 | 376,993 | 298,339 | 5,354 | 37,218 | 41,436 | 74,473 | 302,520 |

Q3

| | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|
| 15 | 807,228 | 164,294 | 654,006 | 6,286 | 636,648 | 102,867 | 704,361 |
| 16 | 730,522 | 146,324 | 542,014 | 11,438 | 572,760 | 114,622 | 615,899 |
| 17 | 711,562 | 145,288 | 467,408 | 12,897 | 553,376 | 130,174 | 581,387 |
| 18 | 693,436 | 161,055 | 412,770 | 83,502 | 448,879 | 150,281 | 543,156 |
| 19 | 609,707 | 155,571 | 298,395 | 86,054 | 368,083 | 156,992 | 452,716 |
| 20 | 630,807 | 226,093 | 227,961 | 96,927 | 307,788 | 167,542 | 463,266 |
| 21 | 589,284 | 190,065 | 136,625 | 127,308 | 271,912 | 227,291 | 361,993 |
| 22 | 623,020 | 238,789 | 128,549 | 107,468 | 276,762 | 197,782 | 425,238 |
| 23 | 522,005 | 229,431 | 96,876 | 113,015 | 179,559 | 159,119 | 362,886 |
| 24 | 435,719 | 204,345 | 58,575 | 81,336 | 150,038 | 133,139 | 302,581 |
| 25 | 420,459 | 231,875 | 31,639 | 82,107 | 106,477 | 130,413 | 290,045 |
| 26 | 399,951 | 237,898 | 42,708 | 56,041 | 106,012 | 102,826 | 297,125 |
| 27 | 424,980 | 258,441 | 27,475 | 80,212 | 86,326 | 127,935 | 297,044 |

| | | | | | | | |
|----|---------|---------|--------|--------|--------|--------|---------|
| 28 | 381,858 | 262,980 | 18,187 | 48,881 | 69,997 | 90,133 | 291,724 |
| 29 | 389,898 | 268,672 | 11,886 | 53,581 | 67,645 | 88,073 | 301,825 |
| 30 | 398,466 | 288,667 | 16,476 | 45,299 | 64,501 | 91,163 | 307,304 |
| 31 | 364,688 | 276,751 | 12,509 | 35,978 | 51,959 | 73,698 | 290,990 |
| 32 | 416,193 | 315,201 | 3,526 | 44,986 | 56,005 | 83,996 | 332,197 |
| 33 | 369,891 | 287,288 | 11,649 | 37,156 | 45,446 | 67,837 | 302,054 |
| 34 | 311,057 | 244,724 | 2,957 | 35,910 | 30,423 | 58,465 | 252,592 |
| 35 | 379,432 | 301,690 | 5,975 | 23,986 | 53,756 | 64,077 | 315,355 |

Q4

| | | | | | | | |
|----|---------|---------|-----------|--------|---------|---------|---------|
| 15 | 787,936 | 154,252 | 577,695 | 22,407 | 611,276 | 63,306 | 724,630 |
| 16 | 726,696 | 134,886 | 485,321 | 12,221 | 579,587 | 66,663 | 660,033 |
| 17 | 707,578 | 143,683 | 432,074 | 29,580 | 534,314 | 84,614 | 622,964 |
| 18 | 660,264 | 148,173 | 311,285 | 52,501 | 459,589 | 110,448 | 549,816 |
| 19 | 606,490 | 148,620 | 236,208 | 54,331 | 403,538 | 132,166 | 474,324 |
| 20 | 648,124 | 208,721 | 170,734 | 84,627 | 354,774 | 165,058 | 483,065 |
| 21 | 534,573 | 198,956 | 109,265 | 51,644 | 283,972 | 134,506 | 400,067 |
| 22 | 628,093 | 256,801 | 90,585 | 70,066 | 301,224 | 177,323 | 450,771 |
| 23 | 516,833 | 244,467 | 73,141.40 | 65,987 | 206,378 | 127,445 | 389,388 |
| 24 | 410,405 | 193,632 | 43,634.20 | 47,880 | 168,892 | 121,902 | 288,503 |
| 25 | 422,823 | 231,701 | 41,311.50 | 52,193 | 138,928 | 106,390 | 316,433 |
| 26 | 377,873 | 220,452 | 25,216.30 | 40,266 | 117,154 | 91,480 | 286,393 |
| 27 | 429,821 | 251,189 | 22,333.90 | 64,392 | 114,239 | 118,928 | 310,893 |
| 28 | 383,476 | 249,186 | 14,787.20 | 37,242 | 97,047 | 90,312 | 293,164 |
| 29 | 366,869 | 249,432 | 13,460.20 | 39,381 | 78,054 | 86,501 | 280,368 |
| 30 | 416,732 | 313,830 | 14,388.30 | 36,098 | 66,802 | 86,923 | 329,809 |
| 31 | 337,729 | 259,674 | 9,416.82 | 26,864 | 51,190 | 68,710 | 269,020 |
| 32 | 424,588 | 333,781 | 9,523.11 | 34,145 | 56,661 | 73,338 | 351,250 |
| 33 | 371,861 | 290,879 | 10,231.80 | 31,949 | 49,031 | 71,700 | 300,161 |
| 34 | 346,841 | 273,364 | 3,088.99 | 28,441 | 45,035 | 66,169 | 280,672 |
| 35 | 338,787 | 266,336 | 2,152.45 | 35,517 | 36,932 | 67,505 | 271,282 |

TABLE 5.21: EMPLOYMENT SECTOR OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY SEX.

| Sector of employment | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 11,214,069 | 5,291,108 | 5,922,961 | 10,661,227 | 4,986,390 | 5,674,837 | 10,841,178 | 5,096,807 | 5,744,370 | 11,147,139 | 5,189,193 | 5,957,946 |
| Public (Government) | 712,605 | 413,280 | 299,326 | 645,437 | 372,384 | 273,053 | 820,834 | 498,497 | 322,337 | 609,164 | 355,899 | 253,264 |
| Semi-public/Parastatals | 20,815 | 13,663 | 7,152 | 34,698 | 25,419 | 9,279 | 24,670 | 14,752 | 9,919 | 22,155 | 15,176 | 6,979 |
| Private Formal | 1,037,558 | 622,129 | 415,430 | 952,092 | 573,297 | 378,795 | 892,284 | 567,089 | 325,195 | 878,132 | 526,137 | 351,996 |
| Private Informal | 9,389,363 | 4,202,540 | 5,186,823 | 8,991,626 | 3,988,895 | 5,002,730 | 9,060,900 | 3,989,841 | 5,071,059 | 9,613,597 | 4,275,357 | 5,338,240 |
| Local NGO/CSO | 4,200 | 1,100 | 3,101 | 4,451 | 1,683 | 2,768 | 19,304 | 10,542 | 8,761 | 4,532 | 3,057 | 1,475 |
| International NGO/CSO | 15,600 | 10,729 | 4,871 | 7,449 | 3,006 | 4,443 | 3,536 | 263 | 3,272 | 872 | 145 | 728 |
| Religious Organization (Local) | 24,104 | 20,198 | 3,906 | 17,694 | 16,313 | 1,381 | 18,208 | 14,381 | 3,827 | 11,713 | 10,315 | 1,397 |
| Religious Organizational (International) | 5,728 | 3,375 | 2,353 | 5,044 | 2,658 | 2,387 | 1,145 | 1,145 | 0 | 5,239 | 1,371 | 3,868 |
| International Organization | 4,095 | 4,095 | 0 | 2,734 | 2,734 | 0 | 297 | 297 | 0 | 1,735 | 1,735 | 0 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Public (Government) | 6.4 | 7.8 | 5.1 | 6.1 | 7.5 | 4.8 | 7.6 | 9.8 | 5.6 | 5.5 | 6.9 | 4.3 |
| Semi-public/Parastatals | 0.2 | 0.3 | 0.1 | 0.3 | 0.5 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.1 |
| Private Formal | 9.3 | 11.8 | 7.0 | 8.9 | 11.5 | 6.7 | 8.2 | 11.1 | 5.7 | 7.9 | 10.1 | 5.9 |
| Private Informal | 83.7 | 79.4 | 87.6 | 84.3 | 80.0 | 88.2 | 83.6 | 78.3 | 88.3 | 86.2 | 82.4 | 89.6 |
| Local NGO/CSO | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 |
| International NGO/CSO | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Religious Organization (Local) | 0.2 | 0.4 | 0.1 | 0.2 | 0.3 | 0.0 | 0.2 | 0.3 | 0.1 | 0.1 | 0.2 | 0.0 |
| Religious Organizational (International) | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| International Organization | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 5.22: MAIN SECTOR OF CURRENTLY EMPLOYED POPULATION 15 YEARS BY SEX.

| Major Sector | Q1 | | | Q2 | | | Q3 | | | Q4 | | |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 11,215,323 | 5,291,366 | 5,923,957 | 10,661,227 | 4,986,390 | 5,674,837 | 10,840,896 | 5,096,807 | 5,744,089 | 11,148,465 | 5,190,519 | 5,957,946 |
| Agriculture | 4,144,294 | 2,269,364 | 1,874,930 | 4,093,245 | 2,185,774 | 1,907,471 | 4,325,817 | 2,296,738 | 2,029,079 | 4,490,993 | 2,385,054 | 2,105,939 |
| Industry | 1,940,303 | 1,110,530 | 829,773 | 1,762,020 | 1,016,584 | 745,435 | 1,761,868 | 1,045,639 | 716,229 | 1,745,919 | 1,010,310 | 735,609 |
| Services | 5,130,726 | 1,911,472 | 3,219,255 | 4,805,962 | 1,784,031 | 3,021,931 | 4,753,211 | 1,754,430 | 2,998,781 | 4,911,553 | 1,795,155 | 3,116,398 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agriculture | 37.0 | 42.9 | 31.6 | 38.4 | 43.8 | 33.6 | 39.9 | 45.1 | 35.3 | 40.3 | 46.0 | 35.3 |
| Industry | 17.3 | 21.0 | 14.0 | 16.5 | 20.4 | 13.1 | 16.3 | 20.5 | 12.5 | 15.7 | 19.5 | 12.3 |
| Services | 45.7 | 36.1 | 54.3 | 45.1 | 35.8 | 53.3 | 43.8 | 34.4 | 52.2 | 44.1 | 34.6 | 52.3 |

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