



REPUBLIC OF GHANA



ANNUAL HOUSEHOLD INCOME AND
EXPENDITURE SURVEY (AHIES)



GHANA ANNUAL HOUSEHOLD INCOME AND EXPENDITURE SURVEY

Quarterly Labour Force Report



GHANA STATISTICAL SERVICE
AUGUST 2022

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EXPENDITURE SURVEY**

**QUARTERLY LABOUR
FORCE REPORT**

**GHANA STATISTICAL SERVICE
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ADMINISTRATIVE MAP OF GHANA



GHANA ANNUAL HOUSEHOLD INCOME AND EXPENDITURE SURVEY PUBLICATIONS

1	Quarterly Labour Force 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
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9	Annual Labour Force 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 being 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, multi-dimensional poverty and health status for research, planning, and policy-making.

This 2022 first and second quarters Labour Force report presents statistics on labour force participation, population in and outside the labour force, employment-to-population ratio, employment status, vulnerable employment, employment sector, occupation, industry, employed and unemployed population, unemployment rate, labour market inequalities (participation and earnings), labour mobilities, workplace safety measure compliance, awareness of labour rights, perceptions of labour law enforcement, 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 general 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 building a prosperous country.

Further, the labour force statistics will 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 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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ABBREVIATIONS AND ACRONYMS

AHIES	Annual Household Income and Expenditure Survey
CAPI	Computer Assisted Personal Interview
CPI	Consumer Price Index
CSO	Civil Society Organisations
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
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
PIT	Project Implementing Team
SA	Supervisory Area
SDGs	Sustainable Development Goals

OVERVIEW OF 2022 ANNUAL HOUSEHOLD INCOME AND EXPENDITURE SURVEY

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 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 indicators. 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 an interval 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 the 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 for capturing household expenditure for the computation of GDP. Other focal areas of AHIES are revision of the weights for the computation of Consumer Price Index (CPI) based on HFCE and 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, with the sample for the second year (2023) nested in the conduct of the Ghana Living Standards Survey Eight (GLSS-8). 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).

1.1. 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).

1.2. 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).

1.3. Legal Framework for AHIES

The Ghana Statistical Service derives its legal authority from the Statistical Service Act, 2019 (Act 1003), that 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 the Service 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.

1.4. 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 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.

1.5. 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.

1.6. 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.

1.7. 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 the field work.

1.8. Information Technology (IT)

1.8.1. 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 use of tablets programmed with the Computer Assisted Personal Interview (CAPI) application.

1.8.2. 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.

1.8.3. 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.

1.9. Map Preparation

The 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.

1.10. Recruitment, Training and Deployment of Teams

1.10.1. 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.

1.10.2. 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 with 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 to 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%).

1.11. 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.

1.12. 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.

1.13. Data Transmission and Storage

Dual approaches were utilised for transmission and storage of data.

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

1.14. 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 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 improving the frequency of the labour statistics, the panel nature of AHIES provides data on labour mobilities across sectors and 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. 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.

3.2. 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 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.

3.3. 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.

3.4. 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.

3.5. 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. 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.

3.7. 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.

3.8. Share of Youth not in Employment, Education or Training (Youth NEET Rate)

The share of youth not in education, employment or training (NEET) conveys the number of young persons not in education, employment or training as a percentage of the total youth population. It 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

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

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.

3.9. 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

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

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.

3.10. Gender (Unadjusted) Pay Gap

Gender (unadjusted) pay gap refers to the difference between the mean earnings of female and male employees from paid employment, disaggregated by sex. Earnings refer to the gross remuneration in cash or in kind to employed persons for time worked or work done, along with remuneration for time not worked (e.g., annual vacation, paid time off or holidays). This is indicator 8.5.1 under SDG goal 8.

Method of computation

$$\text{Gender (Unadjusted) Pay Gap} = \frac{\text{Average hourly earnings for men} - \text{Average hourly earnings for women}}{\text{Average hourly earnings for men}} \times 100$$

Interpretation:

This is a key factor of equality of earnings between males and females and gives an indication of gendered purchasing power and living standards

3.11. 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

3.12. 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".

3.13. 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.

3.14. 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.

3.15. 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

3.16. Informal Sector Employment

Informal sector employment refers to work outside of regulated economic activities and protected labour relations. The sector consists of all types of activities and has the following characteristics:

- The units usually operate on a small-scale basis, with low levels of organisation and with little or no division between labour and capital as factors of production.
- Labour relations, where they exist, are based mostly on casual employment, kinship or personal and social relations rather than contractual arrangements with formal guarantees.
- Workers in such units are less likely to be entitled to paid holidays, sick or maternity leave, and do not have a verbal or written contract.

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:

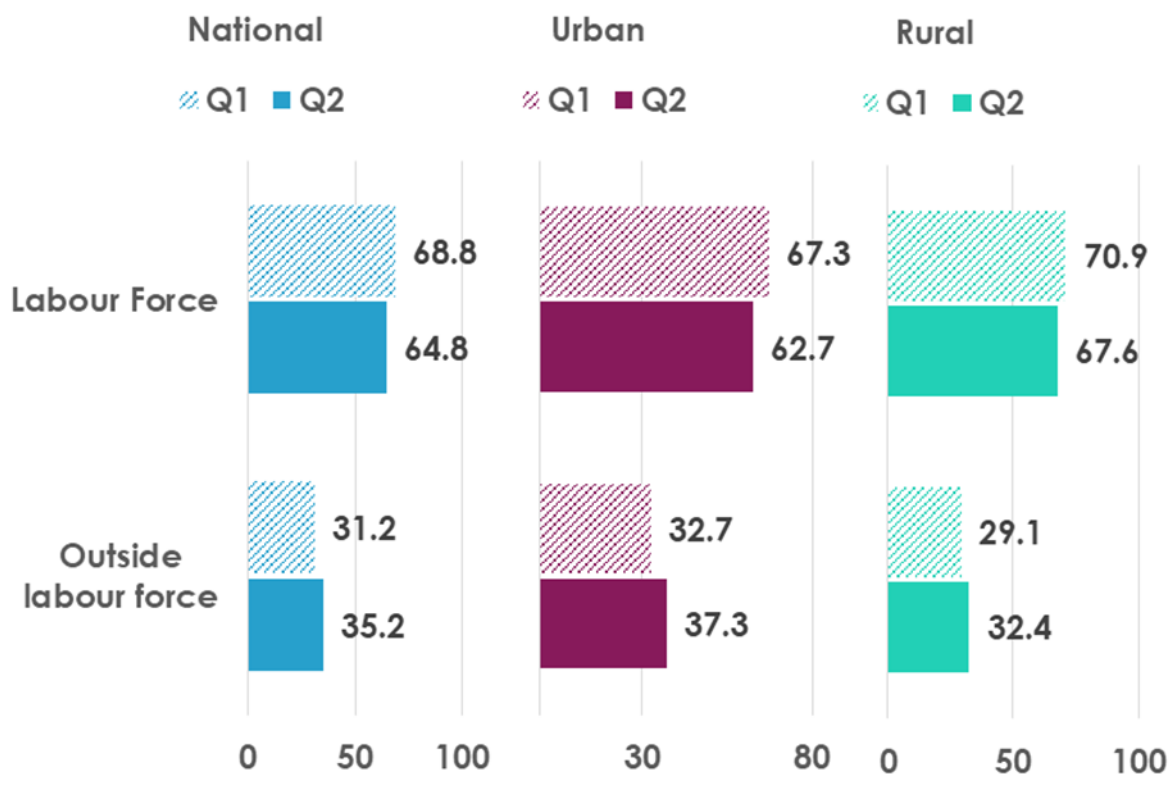
such persons may be occupied with caring for family members; they may be retired, sick or disabled or attending school; or they may simply not want to work.

4. HIGHLIGHTS OF RESULTS

The following highlights pertain to the population 15 years and older irrespective of their school attendance status, for the first and second quarters of 2022.

In Q1, the economically active population (employed and unemployed) 15 years and older is 68.8 percent (12.9 million) compared to 64.8 percent (12.3 million) in Q2. This indicates a four percentage point reduction, between Q1 and Q2 (decline of 0.6 million persons).

FIGURE 4.1: PROPORTION OF POPULATION 15 YEARS AND OLDER BY ECONOMIC ACTIVITY STATUS AND TYPE OF LOCALITY



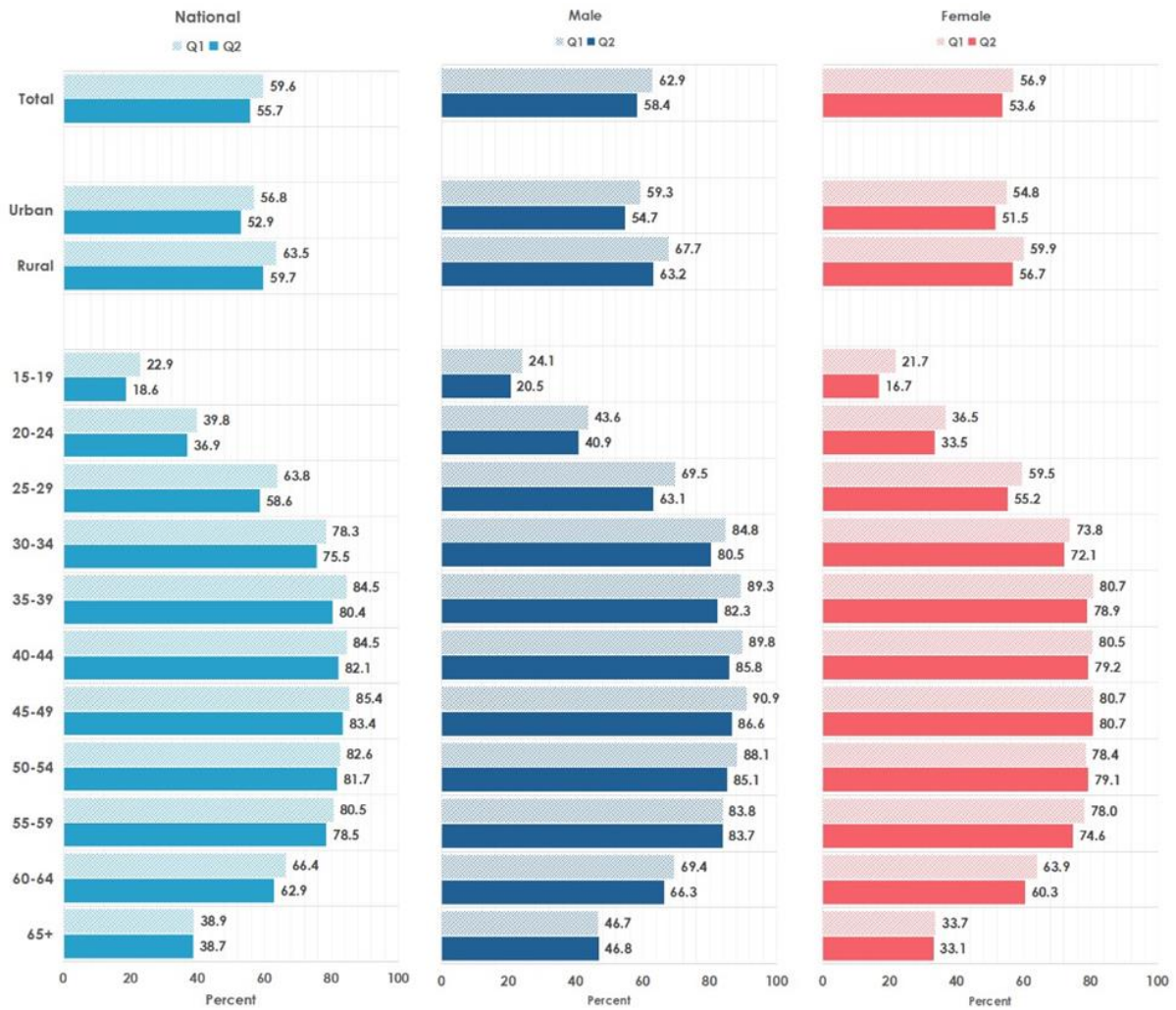
In both Q1 and Q2, nearly 6 in every 10 of the population 15 years and older are employed, with males recording a higher percentage (Q1: 62.9%; Q2: 58.4%) than females (Q1: 56.9%; Q2: 53.6%).

FIGURE 4.2: PERCENT OF EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY, REGION, AND SEX



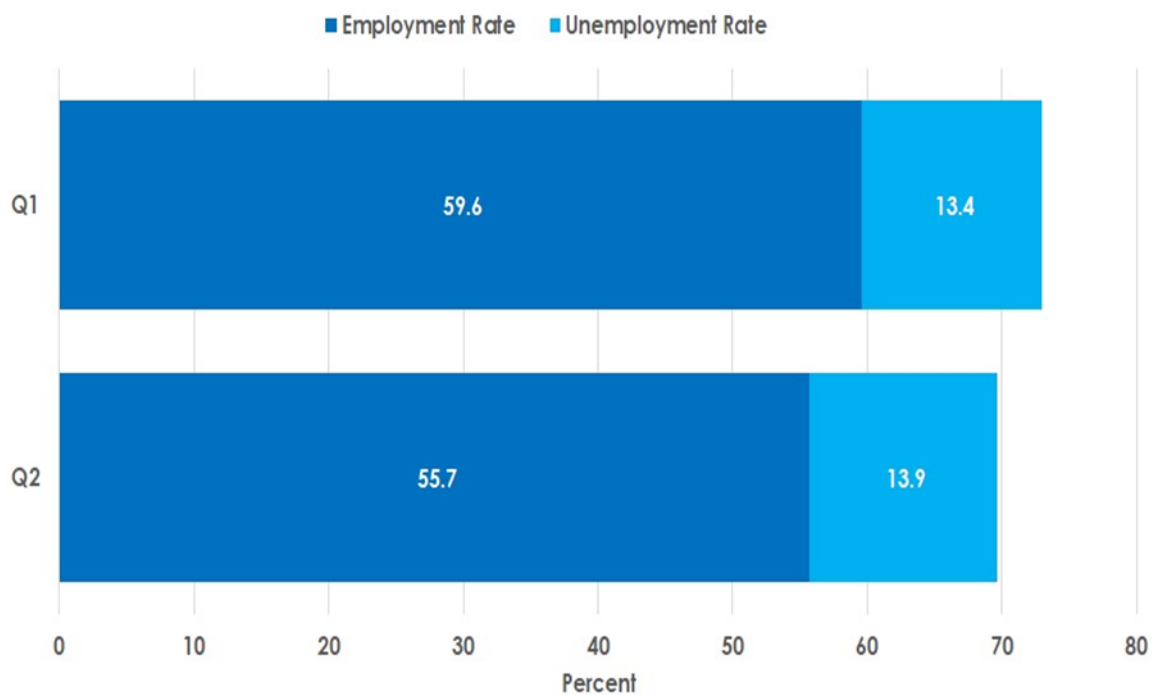
The percent of employed population 15 years and older peaks at the age bracket 45–49 years, with females recording a dual peak at ages 35–39 years and 45–49 years.

FIGURE 4.3: PERCENT OF EMPLOYED POPULATION 15 YEARS AND OLDER BY AGE AND SEX



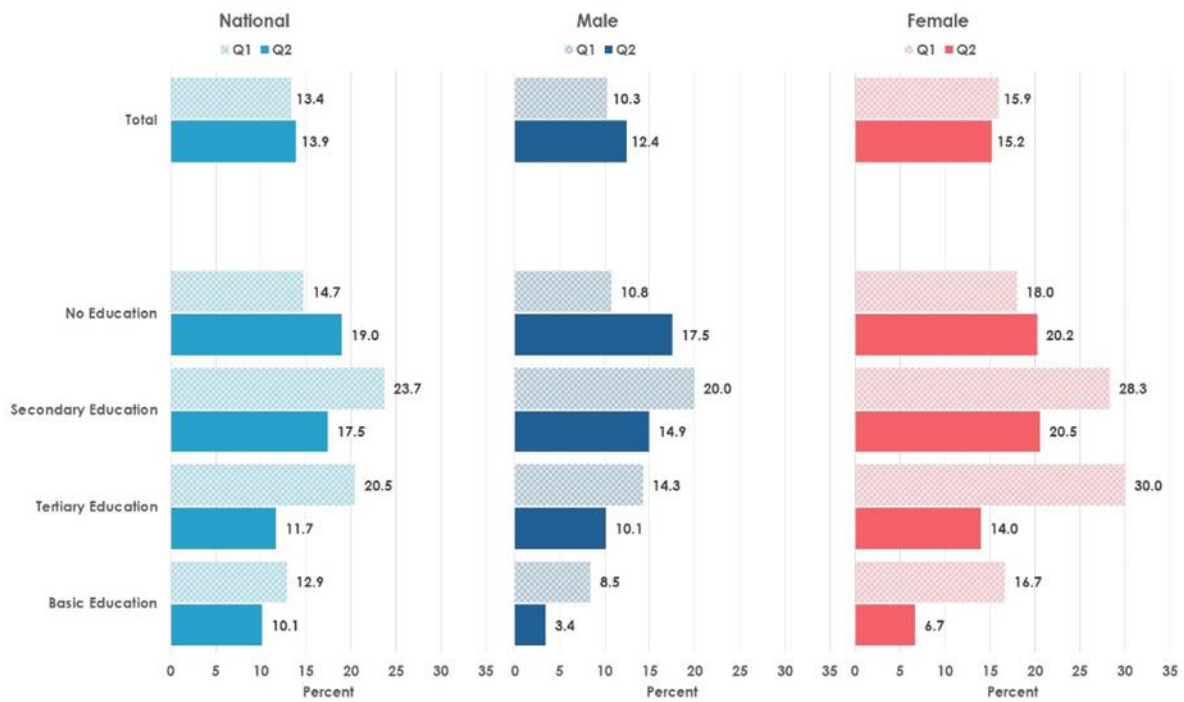
Unemployment increases by 0.5 percentage points between Q1 (13.4%) and Q2 (13.9%) of 2022.

FIGURE 4.4: EMPLOYMENT AND UNEMPLOYMENT RATES BETWEEN QUARTERS ONE AND TWO OF 2022



Among persons 15 years and older with no formal education, unemployment rate increases by 4.3 percentage points, from 14.7 percent in Q1 to 19.0 percent in Q2.

FIGURE 4.5: UNEMPLOYMENT RATE OF PERSONS 15 YEARS AND OLDER BY EDUCATIONAL ATTAINMENT AND SEX



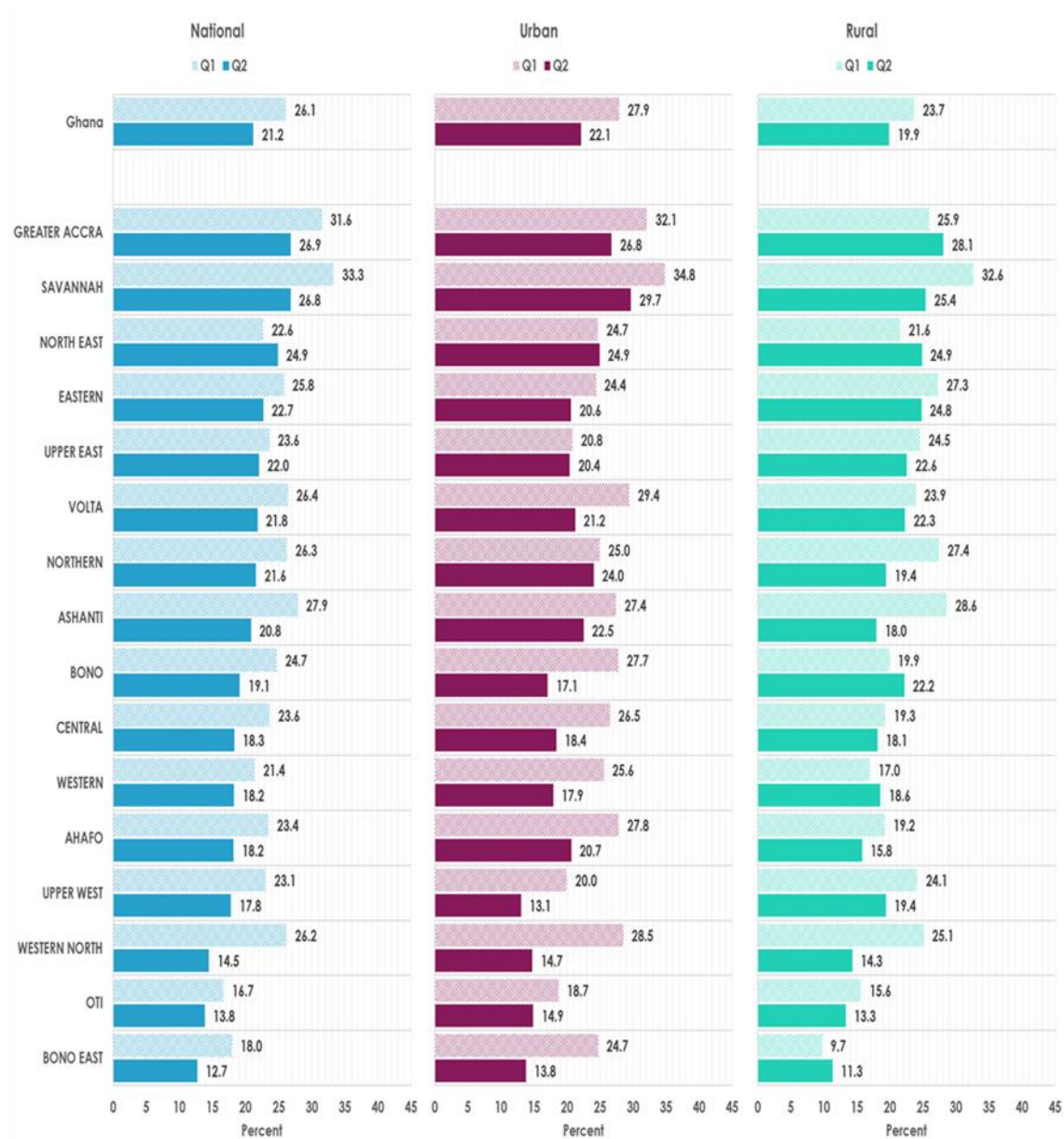
More than a quarter (28.8%) of the youth population (15–24 years) are not in education, employment or training (NEET). This varies across the regions, ranging from the highest, Savannah Region (35.9%) to the lowest, Bono East Region (18.8%).

FIGURE 4.6: PERCENT OF YOUTH (15-24 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY TYPE OF LOCALITY AND REGION



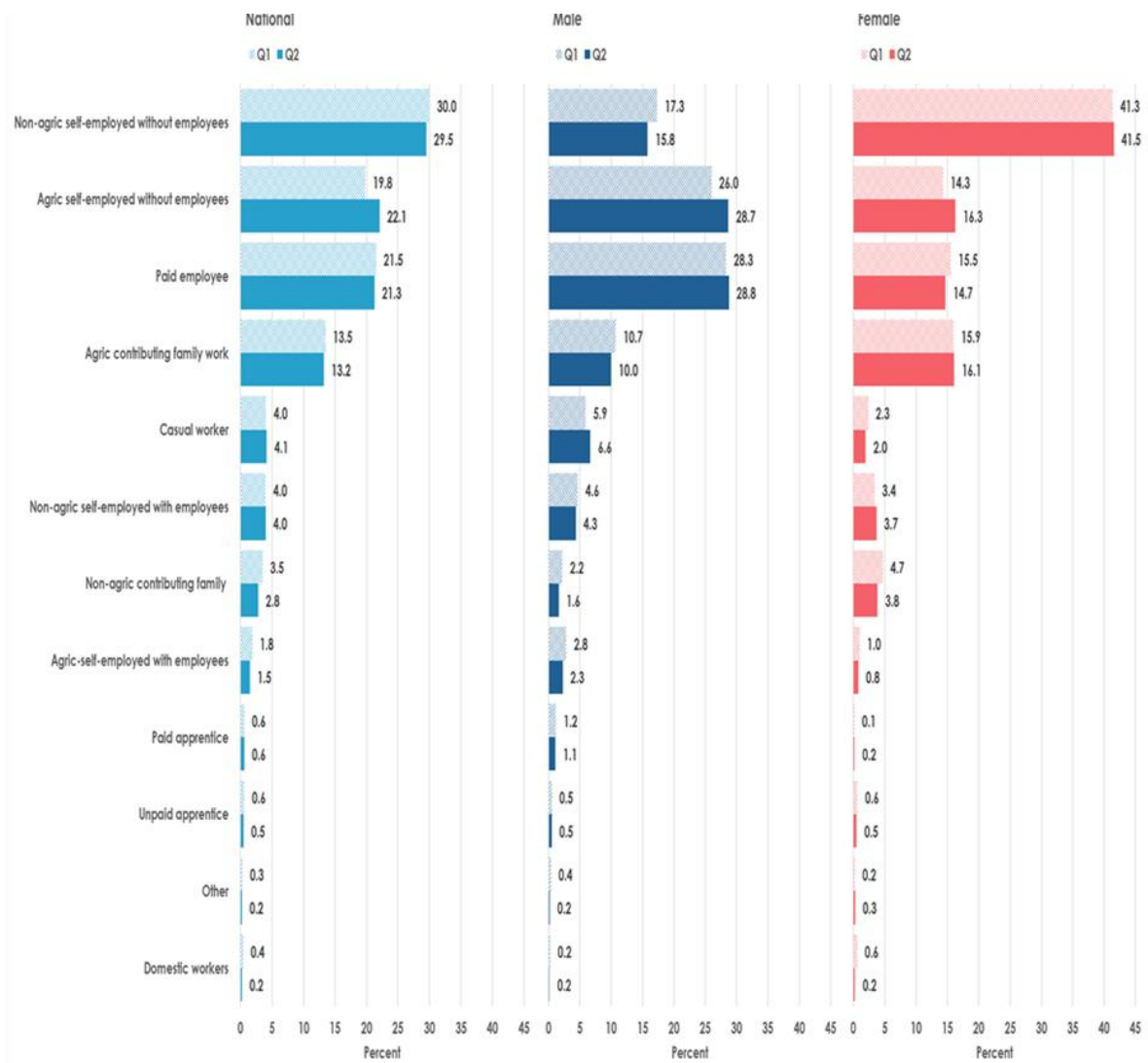
The percent of youth population (15–35 years) not in education, employment, or training (NEET) drops by 4.9 percentage points between Q1 (26.1%) and Q2 (21.2%) of 2022.

FIGURE 4.7: PERCENT OF YOUTH (15-35 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY TYPE OF LOCALITY



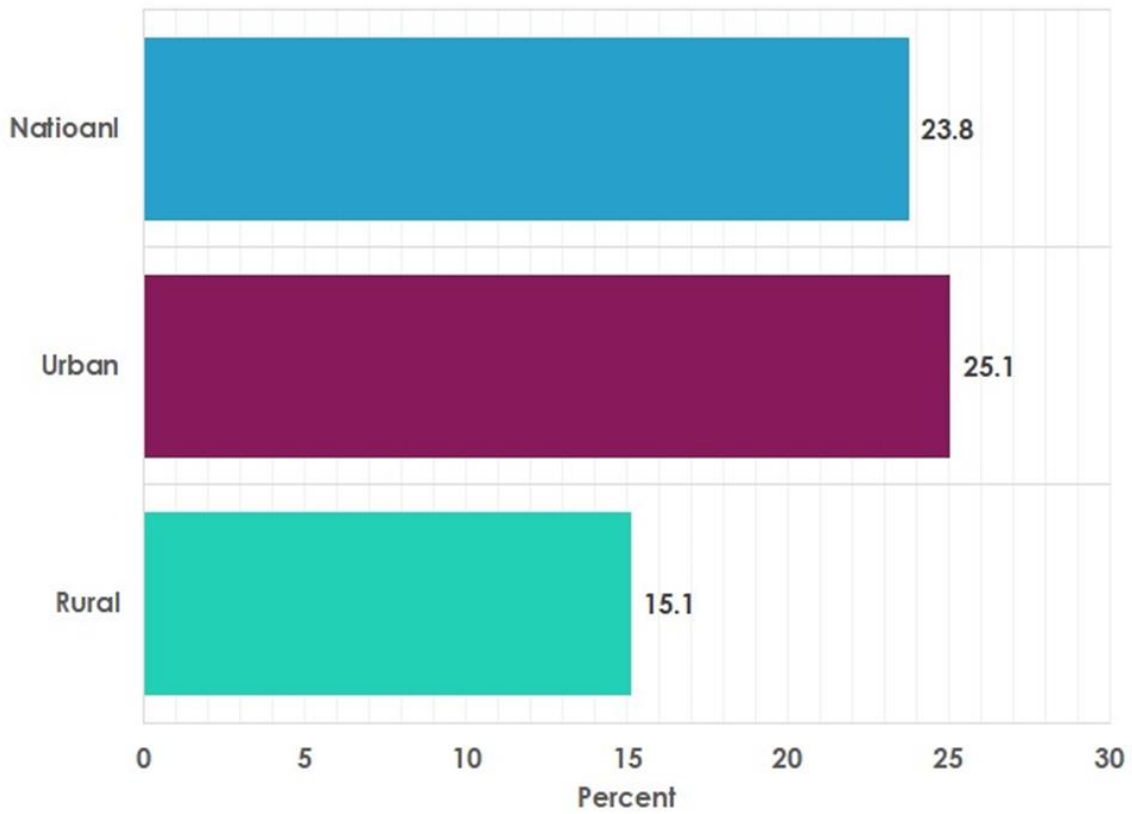
The female population 15 years and older are mainly engaged as self-employed without employees in non-agriculture economic activities (about 42%) while nearly one third of their male counterparts were found in paid employment jobs (about 29%).

FIGURE 4.8: EMPLOYMENT STATUS OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY SEX



Less than a quarter (23.8%) of the employed population 15 years and older who hold managerial positions are females.

FIGURE 4.9: FEMALE SHARE OF MANAGERIAL POSITION AMONG THE EMPLOYED POPULATION 15 YEARS AND OLDER



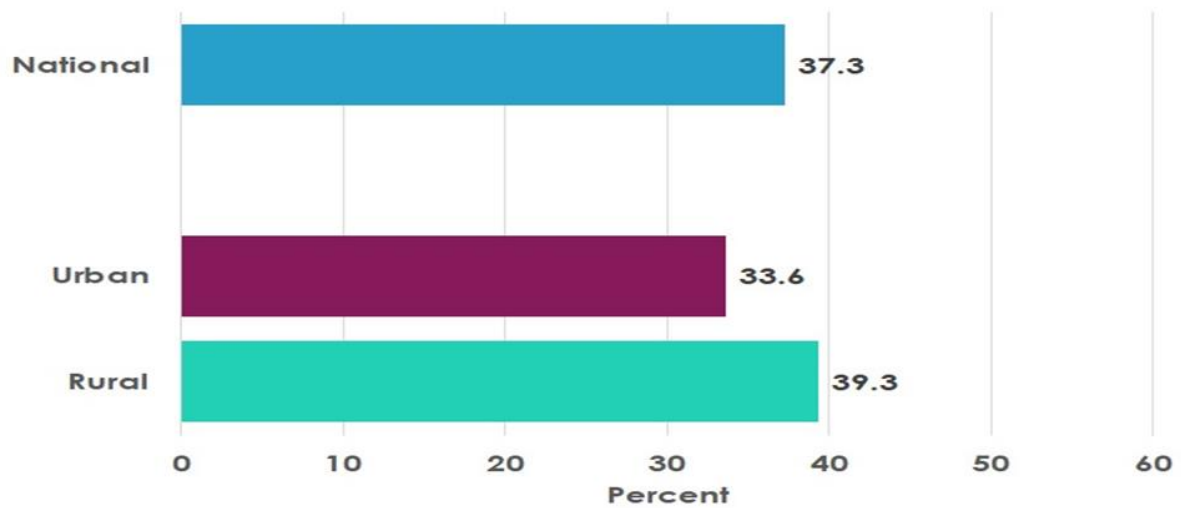
In Q1, the mean hourly earnings for the employed population 15 years and older is GH¢9.20 with a higher amount in urban areas (GH¢9.60) than rural (GH¢7.70).

FIGURE 4.10: MEAN HOURLY EARNINGS BY TYPE OF LOCALITY



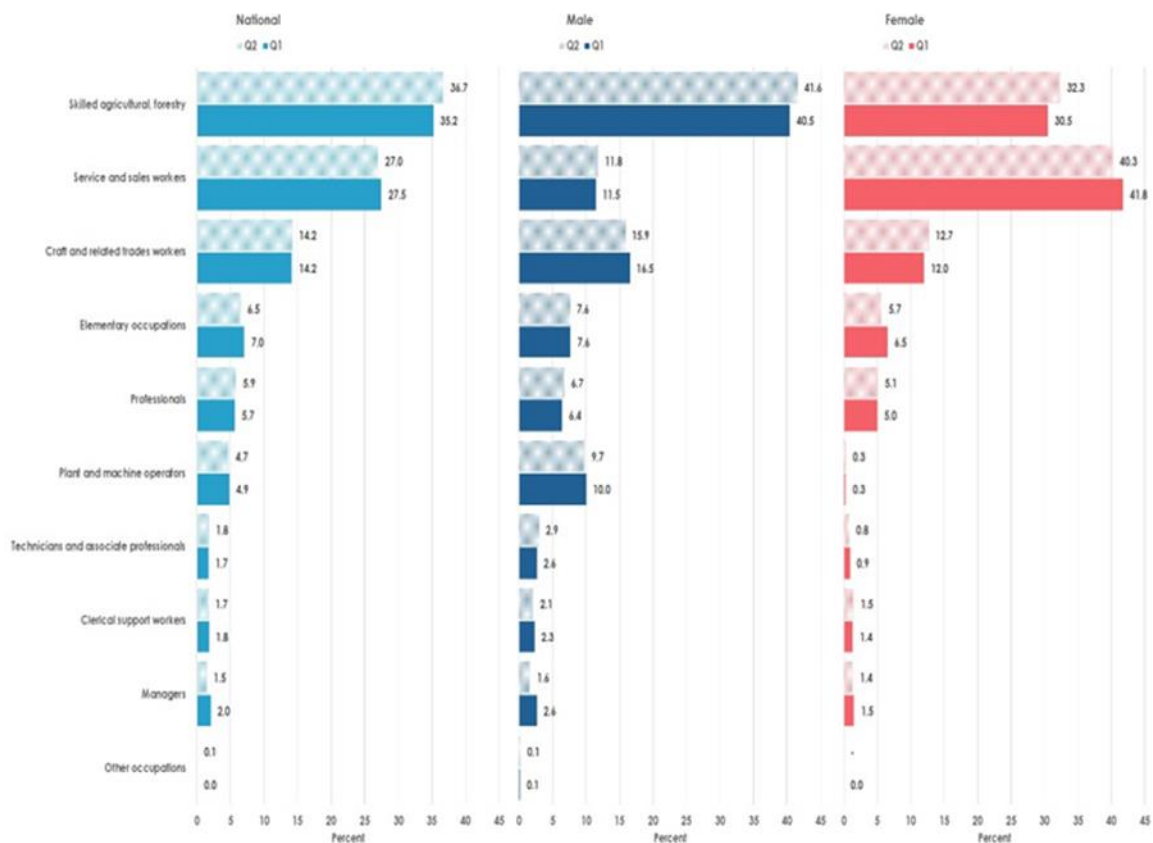
The unadjusted gender pay gap in Q1 is 37.3 percent, with males earning a mean hourly pay of GH¢11.00 and females GH¢6.90

FIGURE 4.11: MEAN GENDER (UNADJUSTED) PAY GAP BY REGION AND TYPE OF LOCALITY



Managers, Professionals and Associate Professionals, and Technicians account for less than 10 percent of employed population 15 years and older

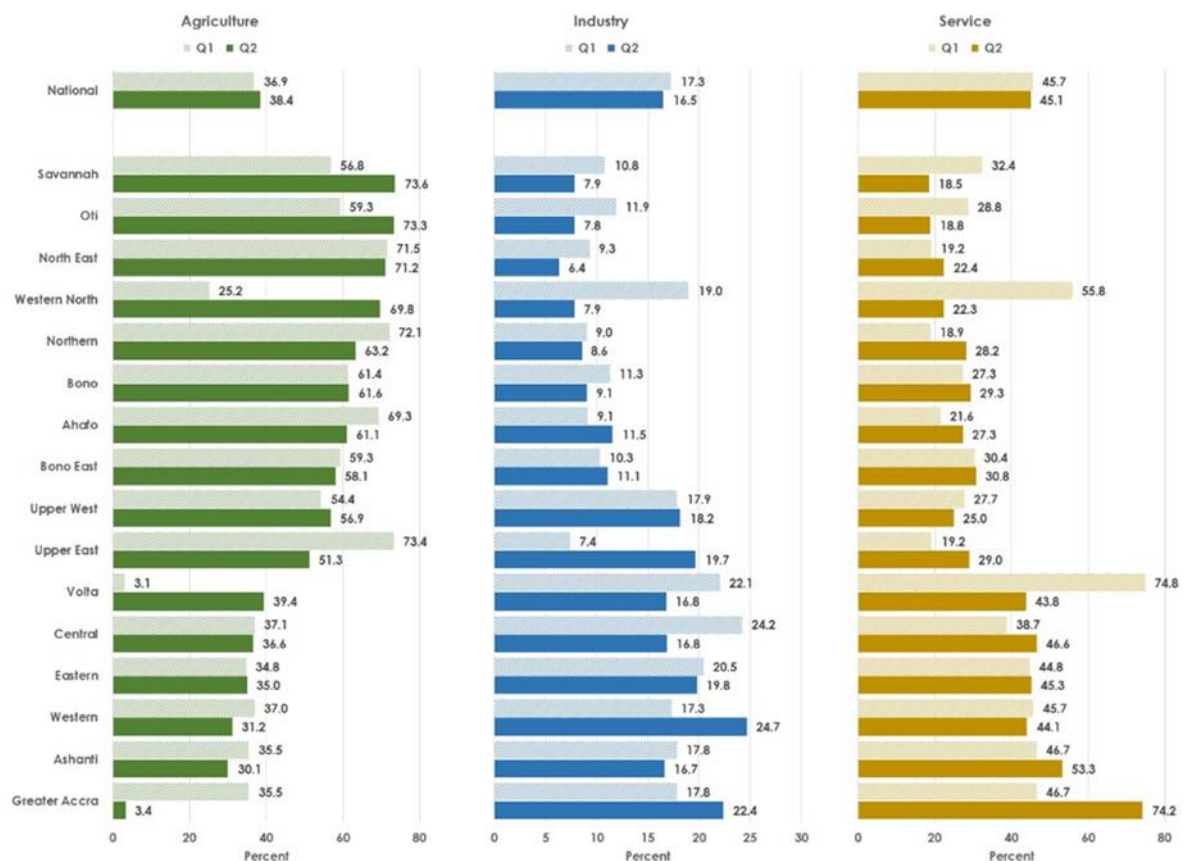
FIGURE 4.12: MAIN OCCUPATION OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY AND SEX.



About 46 percent of the employed population 15 years and older are employed in the Service Sector with the highest in Greater Accra Region (about three-quarters).

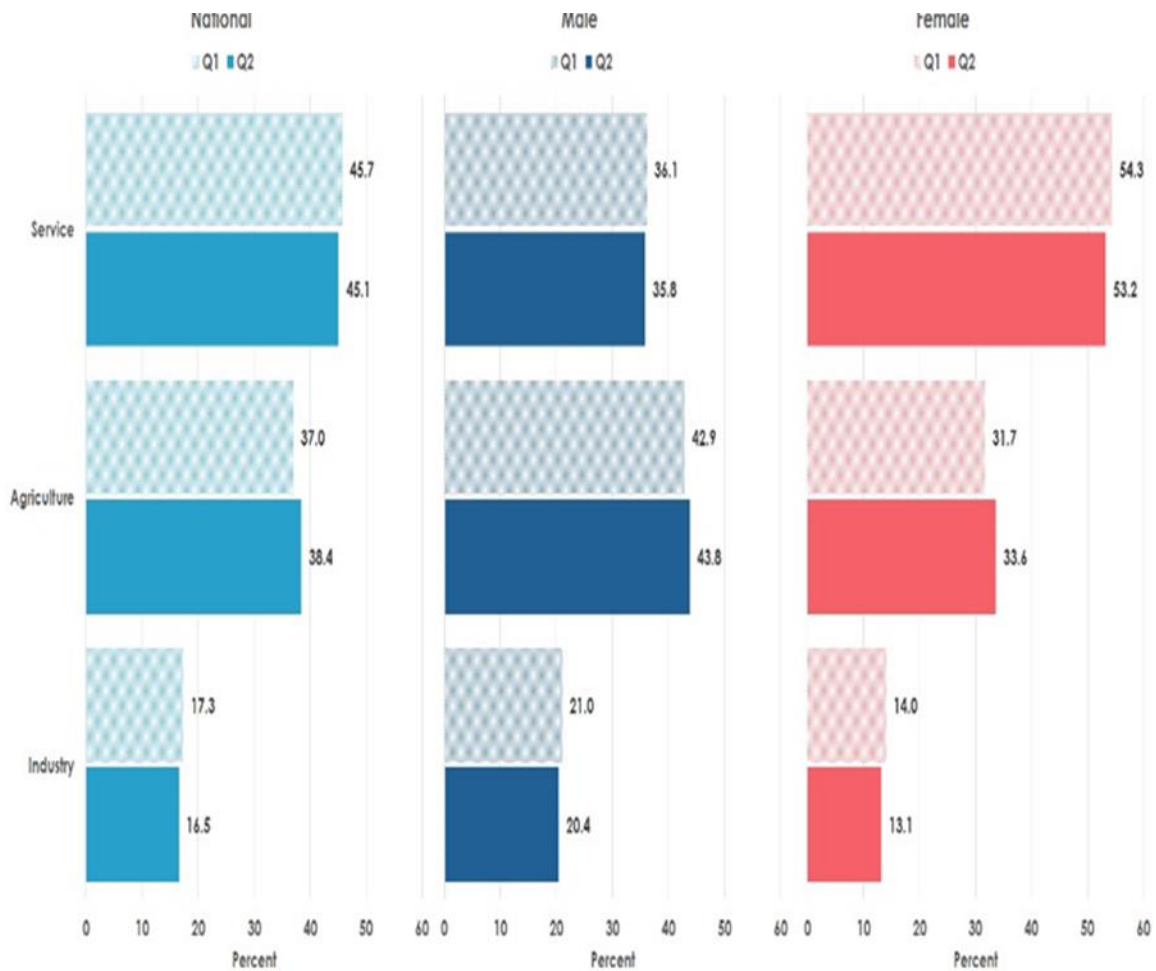
Ten regions have more than half of the employed population 15 years and older in the Agriculture Sector.

FIGURE 4.13: MAIN INDUSTRY OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY REGION



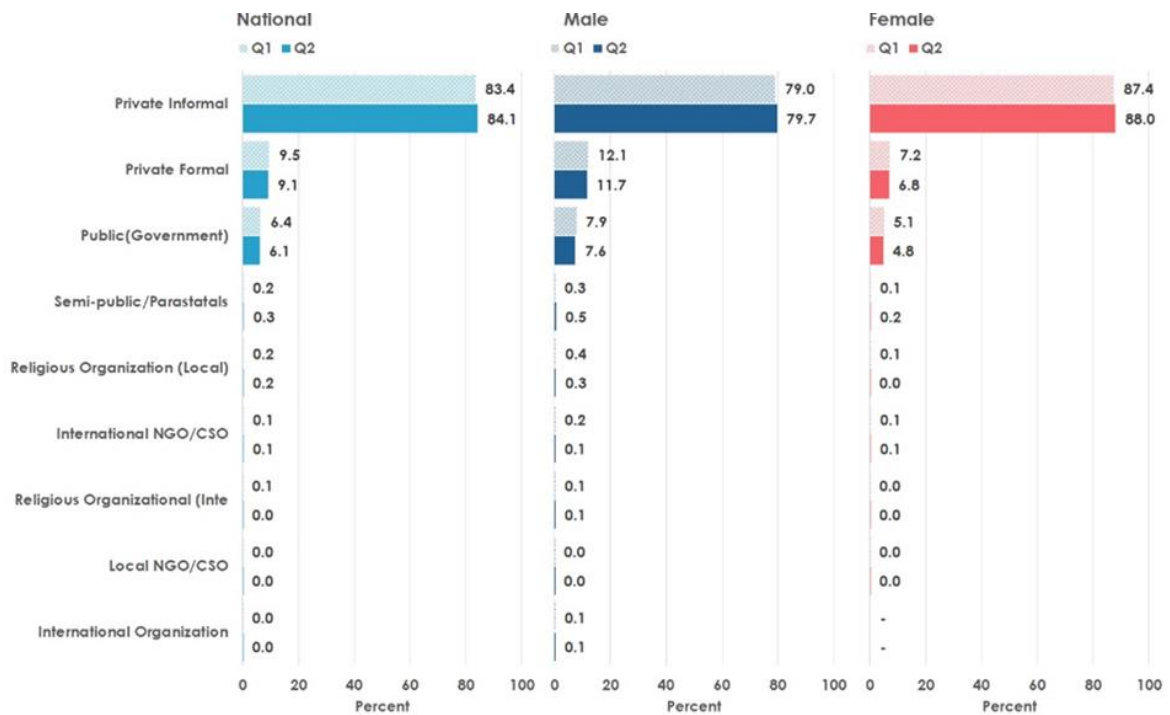
More than half (54.3%) of the female employed population 15 years and older are engaged in the Service Sector compared to 36.1 percent for their male counterparts.

FIGURE 4.14: MAIN INDUSTRY OF CURRENTLY EMPLOYED POPULATION 15 YEARS BY SEX



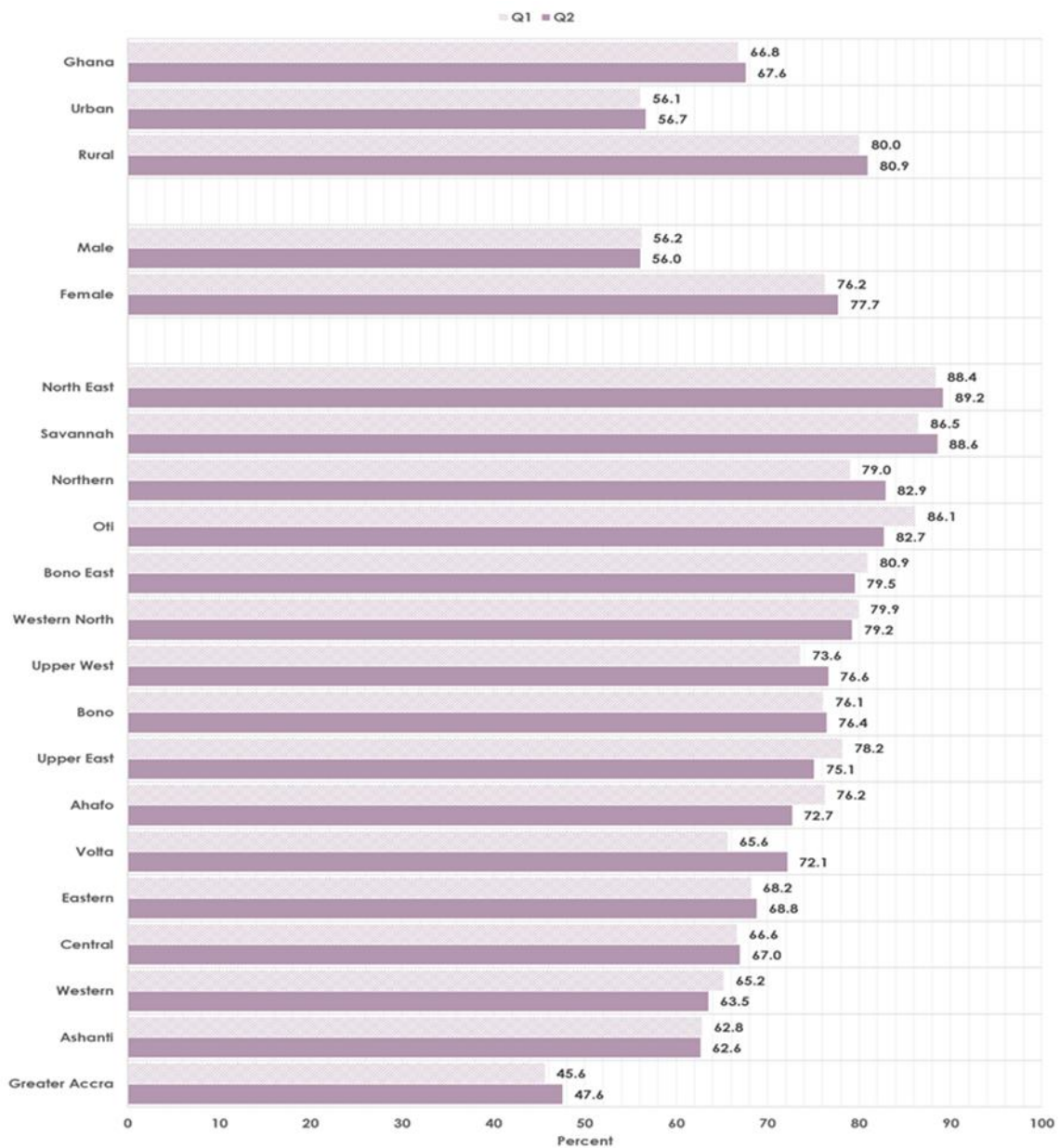
Eight out of every ten persons 15 years and older are employed in the private informal sector with females having relatively higher proportions (about 88%) than males (about 80%).

FIGURE 4.15: EMPLOYMENT SECTOR OF CURRENTLY EMPLOYED POPULATION AGED 15 YEARS, BY SEX



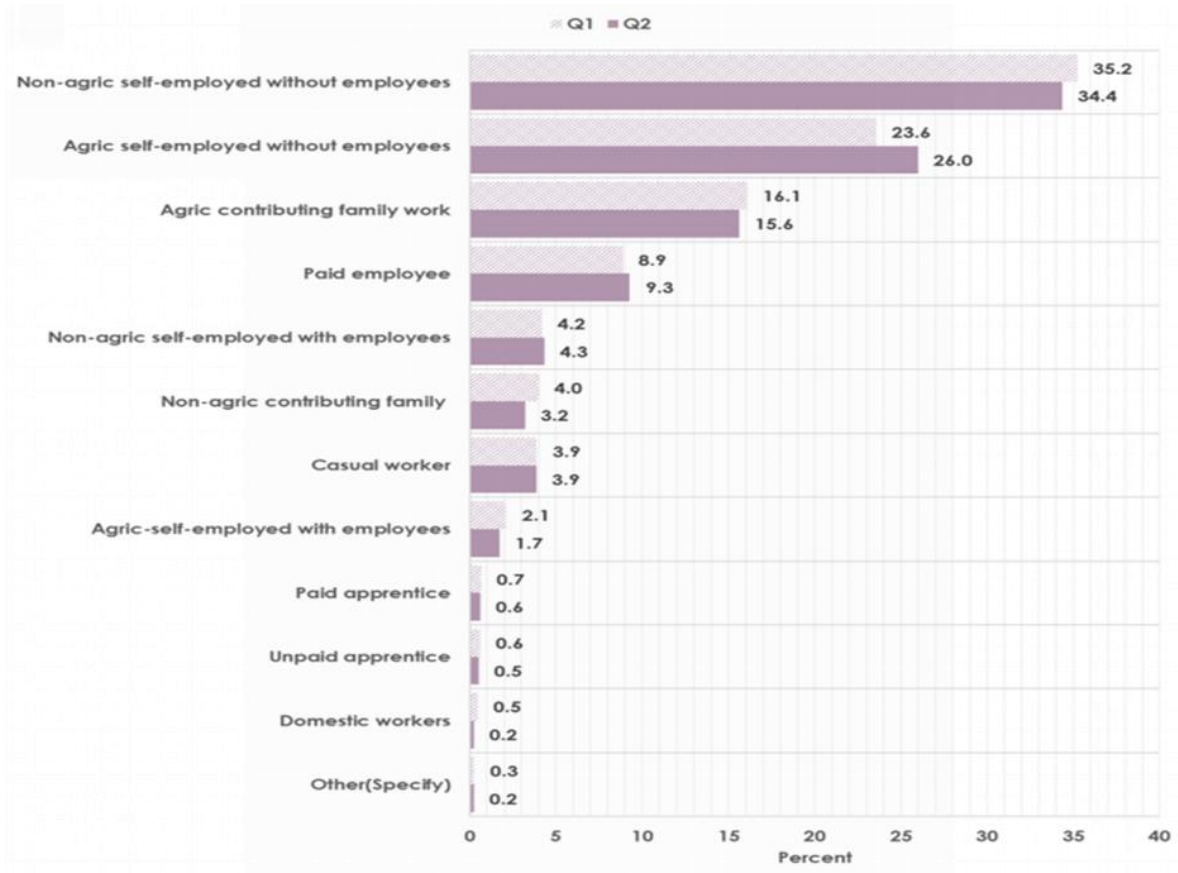
About two-thirds of the employed population are engaged in vulnerable employment with variation between urban (about 56.4%) and rural (80%) areas.

FIGURE 4.16: SHARE OF VULNERABLE EMPLOYMENT IN TOTAL EMPLOYMENT BY TYPE OF LOCALITY AND SEX



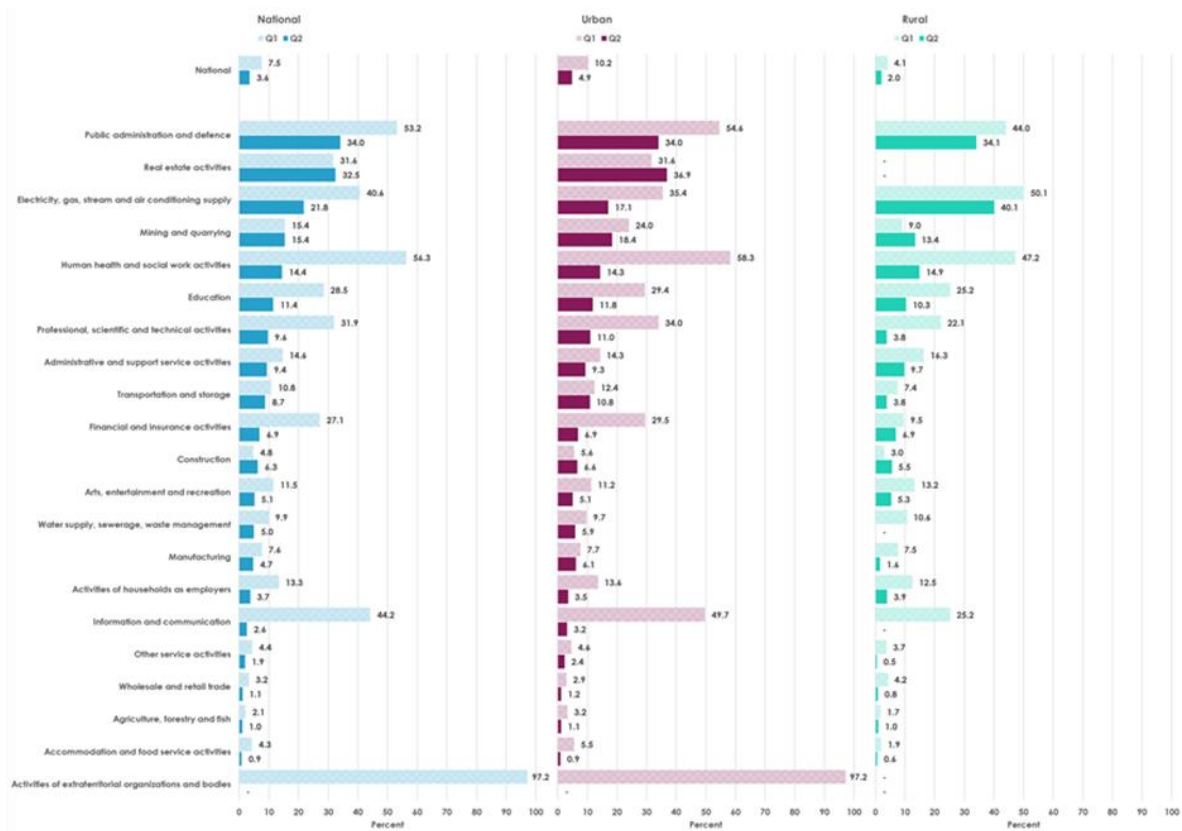
More than one-third (35.2%) of the employed population 15 years and older in the informal sector were engaged in non-agricultural self-employed without employee activities in Q1 with a slight reduction in this proportion to (34.4%) in Q2.

FIGURE 4.17: EMPLOYED POPULATION 15 YEARS AND OLDER IN THE INFORMAL SECTOR BY EMPLOYMENT STATUS



Safety measure compliance at workplace for the employed population 15 years and older varies across industries with the highest in Activities of extra-territorial organisations and bodies (97.2%)in Q1

FIGURE 4.18: PROPORTION OF EMPLOYED POPULATION 15 YEARS AND OLDER WITH SAFETY MEASURE COMPLIANCE BY MAIN INDUSTRY

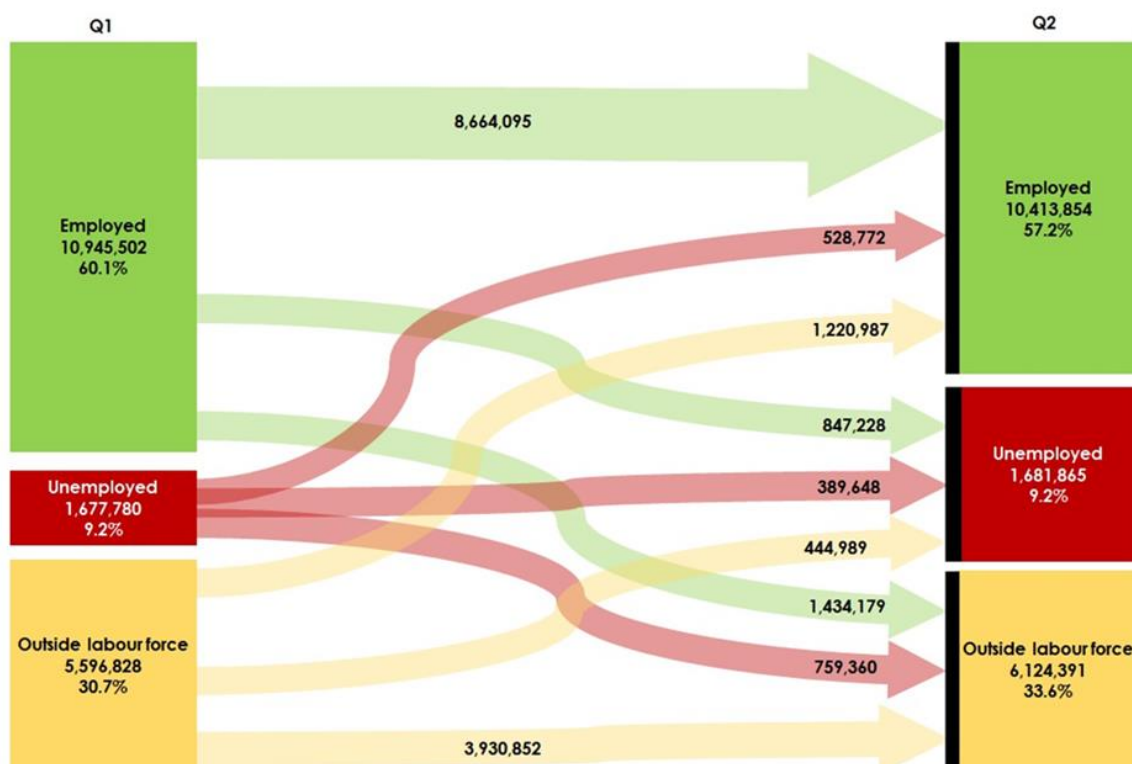


Close to 850,000 persons employed in Q1 were unemployed in Q2, and more than 500,000 persons transitioned from unemployed status to employ over the same period.

Among persons employed in Q1, about 1.4 million exited the labour force, while 1.2 million who were outside the labour force in Q1 were employed in Q2.

About 760,000 persons who were unemployed in Q1, exited the labour force while just under 445,000 persons who were outside the labour force in Q1 were unemployed in Q2

FIGURE 4.19: LABOUR TRANSITION BETWEEN QUARTER 1 AND QUARTER 2



5. MAIN TABLES

TABLE 5.1: POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY, REGION, CURRENT ACTIVITY STATUS AND SEX

Characteristics	Quarter 1								
	Labour force						Outside labour force		
	Employed			Unemployed			Both sexes	Male	Female
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Type of locality									
All locality types	11,214,069	5,291,108	5,922,961	1,729,383	605,587	1,123,796	5,872,847	2,510,436	3,362,410
Urban	6,206,805	2,817,083	3,389,722	1,150,628	405,647	744,982	3,576,409	1,530,946	2,045,463
Rural	5,007,264	2,474,025	2,533,238	578,755	199,940	378,814	2,296,438	979,491	1,316,947
Region									
All regions	11,214,069	5,291,108	5,922,961	1,729,383	605,587	1,123,796	5,872,847	2,510,436	3,362,410
Western	784,883	376,047	408,836	118,806	48,038	70,767	319,767	149,172	170,595
Central	1,030,014	462,417	567,597	158,388	53,914	104,474	516,033	219,031	297,002
Greater Accra	2,006,783	933,143	1,073,641	430,926	153,063	277,863	1,214,115	535,093	679,022
Volta	598,675	265,421	333,254	95,009	29,782	65,228	322,629	139,440	183,189
Eastern	1,095,588	497,093	598,495	159,851	57,165	102,686	554,274	220,404	333,870
Ashanti	1,857,890	868,329	989,561	309,371	105,607	203,764	1,142,680	482,475	660,205
Western North	330,729	166,051	164,678	33,370	12,194	21,176	167,058	72,174	94,884
Ahafo	219,106	107,345	111,761	26,378	8,482	17,896	92,972	39,737	53,234
Bono	471,087	211,781	259,307	54,385	20,727	33,658	213,594	81,647	131,947
Bono East	509,691	254,337	255,354	34,576	12,907	21,670	156,634	63,107	93,528
Oti	331,900	173,204	158,696	18,940	4,245	14,696	84,987	35,529	49,458
Northern	768,423	374,895	393,528	135,625	41,071	94,555	401,662	185,031	216,630
Savannah	217,802	113,388	104,414	36,000	8,849	27,152	119,434	48,770	70,664
North East	230,889	110,907	119,981	23,681	8,527	15,154	101,697	44,210	57,488
Upper East	456,825	221,059	235,765	63,199	29,849	33,351	267,236	119,990	147,246
Upper West	303,785	155,691	148,094	30,876	11,167	19,709	198,076	74,627	123,449

Quarter 2

Characteristics	Labour force								
	Employed			Unemployed			Outside labour force		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Type of locality									
All locality types	10,656,305	4,982,219	5,674,085	1,727,437	709,603	1,017,833	6,732,804	2,839,657	3,893,146
Urban	5,862,619	2,631,009	3,231,609	1,092,363	463,036	629,327	4,130,020	1,716,298	2,413,723
Rural	4,793,686	2,351,210	2,442,476	635,073	246,567	388,506	2,602,783	1,123,360	1,479,423
Region									
All regions	10,656,305	4,982,219	5,674,085	1,727,437	709,603	1,017,833	6,732,804	2,839,657	3,893,146
Western	723,407	339,102	384,305	94,634	50,769	43,864	440,127	198,209	241,918
Central	1,007,278	448,545	558,733	131,010	51,400	79,610	587,571	251,563	336,008
Greater Accra	1,882,099	858,922	1,023,177	392,473	176,582	215,890	1,436,580	591,677	844,903
Volta	560,296	250,307	309,989	79,995	31,700	48,296	390,499	151,784	238,716
Eastern	1,086,202	495,605	590,597	152,705	54,443	98,262	592,338	235,876	356,462
Ashanti	1,735,981	811,327	924,654	444,355	173,701	270,654	1,180,272	496,925	683,348
Western North	331,405	164,992	166,413	30,291	13,154	17,137	177,603	75,573	102,031
Ahafo	200,593	96,470	104,123	17,959	7,172	10,788	125,593	55,799	69,794
Bono	454,868	200,050	254,817	76,312	29,403	46,909	225,911	95,500	130,411
Bono East	481,417	242,490	238,927	31,840	10,926	20,914	198,985	81,030	117,955
Oti	305,776	155,603	150,173	25,934	12,398	13,536	111,363	47,243	64,119
Northern	775,695	383,827	391,869	110,798	40,631	70,167	430,046	181,563	248,483
Savannah	236,770	119,943	116,827	22,960	7,482	15,478	124,405	49,991	74,414
North East	205,058	96,980	108,078	15,854	6,341	9,513	142,599	65,812	76,786
Upper East	376,065	177,615	198,450	61,117	27,434	33,683	356,216	169,281	186,935
Upper West	293,394	140,441	152,953	39,201	16,067	23,133	212,694	91,832	120,862

TABLE 5.2: LABOUR FORCE PARTICIPATION RATE OF POPULATION 15 YEARS AND OLDER BY AGE GROUP, TYPE OF LOCALITY AND SEX

Age group	Quarter 1								
	All locality types			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total	68.8	70.1	67.7	67.3	67.8	66.9	70.9	73.2	68.9
15-19	28.1	29.3	26.9	19.4	18.7	20.1	38.0	41.1	34.8
20-24	55.4	57.9	53.3	49.6	51.1	48.5	63.6	66.2	61.0
25-29	83.6	85.3	82.3	83.8	85.0	82.9	83.3	85.7	81.3
30-34	91.7	93.0	90.7	92.7	94.0	91.8	90.1	91.6	88.9
35-39	92.0	93.6	90.7	93.3	95.3	91.8	89.7	90.7	89.0
40-44	92.2	94.0	90.9	92.3	93.2	91.6	92.1	95.1	90.0
45-49	89.6	92.9	86.9	89.5	93.6	86.0	89.8	91.9	88.0
50-54	86.5	90.8	83.3	86.9	91.8	83.5	86.0	89.7	82.9
55-59	83.9	87.0	81.5	84.1	85.3	83.3	83.5	89.2	78.9
60-64	70.4	73.4	67.9	67.0	66.0	67.7	75.2	83.5	68.3
65+	43.0	51.0	37.7	37.9	43.6	34.4	49.8	59.4	42.5
Quarter 2									
Total	64.8	66.7	63.2	62.7	64.3	61.5	67.6	69.8	65.7
15-19	23.7	25.2	22.3	15.7	14.8	16.5	33.1	36.9	29.3
20-24	50.4	53.2	48.1	45.2	46.1	44.5	57.5	61.5	53.5
25-29	72.4	74.5	70.8	69.8	72.1	68.2	76.0	77.5	74.8
30-34	85.1	88.1	83.1	84.1	88.4	81.4	86.7	87.7	86.0
35-39	89.8	92.7	87.6	90.2	93.5	87.6	89.2	91.2	87.7
40-44	90.4	94.0	87.6	89.5	94.2	85.7	91.7	93.6	90.2
45-49	89.9	93.4	87.0	90.1	93.6	87.0	89.7	93.1	87.0
50-54	88.4	92.1	85.6	88.3	93.5	84.8	88.5	90.4	86.9
55-59	85.3	89.3	82.3	85.0	89.2	82.1	85.7	89.6	82.6
60-64	72.9	76.4	70.1	69.3	71.7	67.5	77.9	82.7	74.0
65+	47.0	55.0	41.5	43.5	50.8	38.9	51.4	59.8	45.2

TABLE 5.3: EMPLOYMENT-TO-POPULATION RATIO FOR POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY, REGION AND SEX

Quarter 1																	
Characteristics	In full time education /student	Did home duties (homemaker)	Too old/Aged	Reasons for Inactivity												Total	
				Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
Sex																	
Both sexes	2,036,145	227,335	540,074	291,439	45,149	140,804	69,632	98,423	10,525	176,538	114,638	22,865	122,352	6,100	13,493	398,370	4,313,882
Male	1,042,256	30,537	141,385	117,585	24,426	82,287	1,363	42,250	5,454	72,859	43,218	8,713	61,243	3,124	5,098	202,689	1,884,488
Female	987,314	198,874	403,993	175,457	21,333	59,609	68,402	55,521	5,030	103,308	71,334	15,830	63,849	3,565	8,531	199,079	2,441,029
Locality type																	
All locality types	2,036,145	227,335	540,074	291,439	45,149	140,804	69,632	98,423	10,525	176,538	114,638	22,865	122,352	6,100	13,493	398,370	4,313,882
Urban	1,312,952	159,294	344,836	176,873	20,885	121,084	33,787	56,809	8,661	131,173	73,944	14,584	89,184	4,528	12,361	274,171	2,835,125
Rural	723,193	68,042	195,238	114,566	24,264	19,721	35,845	41,614	1,863	45,366	40,694	8,281	33,168	1,572	1,132	124,200	1,478,757
Both sexes																	
Total	2,036,145	227,335	540,074	291,439	45,149	140,804	69,632	98,423	10,525	176,538	114,638	22,865	122,352	6,100	13,493	398,370	4,313,882
15-19	1,536,653	56,718	442	12,808	8,537		18,899	47,455	2,685	48,118	63,277	5,149			1,989	362,089	2,164,817
20-24	415,827	47,369		7,606	5,596		28,836	21,307	3,632	66,451	38,196	7,165	114,519	667	7,888	19,142	784,202
25-29	67,803	14,648		5,893			6,963	6,708	1,282	25,365	4,738	3,411	840	643		6,941	145,235
30-34	14,879	6,597		2,403	1,372		7,520			5,234	656		812	914			40,386
35-39	983	17,608		5,656			3,298		1,259	3,751	305		1,204	1,126		1,439	36,629
40-44		9,149		3,826	260		2,717	1,469		2,796	4,177	1,849	809	1,126			28,177
45-49		17,042	1,574	11,096	5,360		801	1,916		12,288	1,067	279	1,666	438	3,617	76	57,221
50-54		25,885	6,513	31,866	1,677	482		4,009		6,088	715	2,022	1,005			2,057	82,319
55-59		8,396	11,161	39,131	2,980	9,541		5,740		1,984	778	538	1,497	720		2,165	84,631
60-64		8,912	38,172	46,537	7,063	42,767		6,637	1,666	2,073	730	1,030		467		1,729	157,782
65+		15,010	482,213	124,617	12,304	88,015	598	3,182		2,391		1,421				2,731	732,483
Male																	
Total	1,042,256	30,537	141,385	117,585	24,426	82,287	1,363	42,250	5,454	72,859	43,218	8,713	61,243	3,124	5,098	202,689	1,884,488
15-19	787,013	13,515		6,089	4,638		239	20,559	1,268	23,021	26,501	3,055			2,016	180,141	1,068,055
20-24	207,801	8,621		2,270	3,974			10,958	1,672	30,072	12,610	2,380	56,711	658	1,470	10,635	349,832

Characteristics	Reasons for Inactivity															Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
25-29	38,908	2,104		930				4,427	1,268	10,504	1,115	1,262	642			4,300	65,461
30-34	8,268			1,318	927					2,183							12,696
35-39	266	1,182		3,344					1,245	723			1,182				7,942
40-44				2,201						670	2,993			1,114			6,978
45-49		2,016		4,151	1,612			1,588		650		289	1,690		1,612		13,607
50-54		396	138	10,158				661		1,036		322	1,018			2,029	15,757
55-59			2,185	13,027	1,363	4,385		3,162		1,740				1,353		1,338	28,554
60-64			7,616	25,352	3,107	22,933		573		243						1,753	61,577
65+		2,704	131,446	48,744	8,804	54,969	1,124	322		2,016		1,406				2,493	254,029
Female																	
Total	987,314	198,874	403,993	175,457	21,333	59,609	68,402	55,521	5,030	103,308	71,334	15,830	63,849	3,565	8,531	199,079	2,441,029
15-19	739,595	43,378	115	6,784	3,365		18,349	26,166	1,377	24,261	38,233	3,168				185,118	1,089,908
20-24	210,752	39,511		4,824	1,617		28,773	10,307	1,963	36,701	24,608	4,815	59,166		6,483	8,638	438,161
25-29	29,709	12,516		4,962			6,962	2,353		15,528	3,644	2,166	202	638		2,717	81,397
30-34	6,549	6,663		1,083	436		7,475			2,667			1,526	904			27,970
35-39	709	16,402		2,239			3,309			3,030	305			1,114		1,433	28,539
40-44		9,154		1,577	268		2,743	1,448		2,141	1,205	2,390	817				21,744
45-49		14,566	1,556	6,887	3,798		791	322		11,723	726			443	2,047	76	42,935
50-54		27,302	6,257	22,300	1,678	488		3,367		5,081	426	1,741					68,641
55-59		9,732	9,569	26,241	1,590	5,163		2,595		228	794	531	2,138			843	59,425
60-64		8,515	31,670	21,303	4,670	20,761		6,087	1,690	1,548	725	1,018		466			98,452
65+		11,136	354,827	77,256	3,911	33,197		2,877		399						253	483,855
Urban																	
Both sexes																	
Total	1,312,952	159,294	344,836	176,873	20,885	121,084	33,787	56,809	8,661	131,173	73,944	14,584	89,184	4,528	12,361	274,171	2,835,125
15-19	950,851	33,859		2,743	2,401		6,141	23,706	1,282	31,352	42,074	2,481			1,989	245,222	1,344,101
20-24	303,148	30,425		3,753	2,204		14,783	11,284	3,172	49,214	25,013	4,269	82,555		7,243	15,839	552,901
25-29	45,786	10,692		4,486			4,302	6,109	1,282	23,200	688	2,135	840	643		5,775	105,937

Characteristics	Reasons for Inactivity															Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
30-34	12,183	4,341		2,403	830		3,476			3,036	345		812	914			28,339
35-39	983	12,931		3,956			2,331		1,259	3,158	305			1,126		687	26,736
40-44		7,836		2,530			2,157	150		1,893	4,177	1,849	809	1,126			22,527
45-49		12,594	1,219	9,581	4,944			928		11,283	612		1,666		3,130	76	46,035
50-54		22,596	2,552	24,991	1,252			2,498		3,351		1,400	1,005			1,219	60,865
55-59		6,433	8,117	21,383	2,452	7,732		4,397		1,984			1,497	720		1,516	56,231
60-64		7,063	24,312	32,746	3,062	35,567		5,533	1,666	509	730	1,030				1,729	113,947
65+		10,525	308,636	68,300	3,740	77,784	598	2,204		2,192		1,421				2,109	477,508
Male																	
Total	663,256	17,407	88,826	74,934	9,917	68,597	598	26,885	5,509	54,465	28,457	2,618	40,818	1,846	4,418	139,381	1,227,931
15-19	142,844	5,816		1,701	1,804			7,096	1,686	22,367	9,208		37,503		840	7,958	238,821
20-24	23,093	1,167						4,366	1,282	8,943	294		644			3,924	43,712
25-29	5,617			1,328	394					1,251							8,591
30-34	266			1,690					1,259	137							3,351
35-39				1,428							2,979			1,126			5,533
40-44		1,989		4,076	1,590			928		643			1,666		1,590		12,482
45-49				7,971									1,005			1,219	10,196
50-54			1,768	7,982	1,375	3,190		2,731		1,756				720		1,320	20,842
55-59			6,249	21,233	1,277	18,480				243						1,729	49,211
60-64		1,989	80,809	25,964	2,726	46,927	598			1,989		1,421				1,851	164,273
65+		2,016	87,352	25,932	3,479	47,169	1,124			2,016		1,406				1,877	172,373
Female																	
Total	649,696	141,886	256,010	101,939	10,968	52,487	33,189	29,924	3,152	76,708	45,488	11,966	48,366	2,682	7,943	134,789	1,607,193
15-19	459,416	27,411		1,183	1,649		6,141	11,943		14,216	26,098	1,284				123,840	673,181
20-24	160,304	24,609		2,051	400		14,783	4,187	1,485	26,847	15,806	4,269	45,053		6,403	7,881	314,079
25-29	22,693	9,525		4,486			4,302	1,742		14,257	394	2,135	196	643		1,851	62,224
30-34	6,565	4,341		1,075	436		3,476			1,785	345		812	914			19,748
35-39	717	12,931		2,266			2,331			3,022	305			1,126		687	23,385

Characteristics	Reasons for Inactivity															Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
40-44		7,836		1,102			2,157	150		1,893	1,198	1,849	809				16,994
45-49		10,606	1,219	5,505	3,355					10,640	612				1,540	76	33,553
50-54		22,596	2,552	17,020	1,252			2,498		3,351		1,400					50,669
55-59		6,433	6,349	13,401	1,077	4,542		1,666		228			1,497			196	35,389
60-64		7,063	18,063	11,513	1,785	17,088		5,533	1,666	266	730	1,030					64,736
65+		8,537	227,827	42,335	1,014	30,857		2,204		204						258	313,236
Rural																	
Both sexes																	
Total	723,193	68,042	195,238	114,566	24,264	19,721	35,845	41,614	1,863	45,366	40,694	8,281	33,168	1,572	1,132	124,200	1,478,757
15-19	585,802	22,860	442	10,064	6,136		12,757	23,749	1,402	16,766	21,203	2,668				116,867	820,716
20-24	112,678	16,944		3,854	3,392		14,053	10,023	461	17,237	13,182	2,896	31,964	667	645	3,304	231,301
25-29	22,016	3,956		1,406			2,662	599		2,165	4,050	1,277				1,167	39,298
30-34	2,696	2,257			541		4,045			2,198	311						12,048
35-39		4,677		1,700			967			593			1,204			753	9,894
40-44		1,313		1,295	260		560	1,319		903							5,650
45-49		4,448	355	1,515	415		801	988		1,005	455	279		438	487		11,186
50-54		3,289	3,960	6,875	425	482		1,510		2,737	715	622				838	21,454
55-59		1,963	3,044	17,748	529	1,808		1,342			778	538				649	28,400
60-64		1,849	13,860	13,791	4,001	7,199		1,104		1,563				467			43,836
65+		4,485	173,578	56,317	8,565	10,231		978		199						622	254,975
Male																	
Total	386,854	14,374	51,571	42,055	14,256	12,989	243	15,420		18,499	12,940	5,086	20,333	667	645	62,078	658,011
15-19	304,417	8,073		4,530	4,382		243	8,912		6,525	8,493	821				57,718	404,113
20-24	64,142	3,075		573	2,163			3,872		7,411	3,616	2,398	19,129	667	645	2,588	110,279
25-29	15,599	940		940						958	831	1,277				311	20,855
30-34	2,696				541					1,299							4,536
35-39		1,204		1,700						593			1,204				4,701
40-44				800						677							1,477

Characteristics	Reasons for Inactivity																Total
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive	Other	
45-49				83				677				279					1,039
50-54		391	533	1,646				661		1,036		311				838	5,417
55-59			444	4,828		1,204		421									6,896
60-64			1,680	3,986	1,831	3,933		566									11,996
65+		691	48,915	22,970	5,339	7,852		311								622	86,702
Female																	
Total	336,339	53,667	143,667	72,510	10,007	6,731	35,602	26,194	1,863	26,867	27,754	3,195	12,835	905	487	62,122	820,747
15-19	281,385	14,787	442	5,534	1,755		12,514	14,837	1,402	10,240	12,710	1,847				59,149	416,603
20-24	48,537	13,869		3,281	1,229		14,053	6,151	461	9,825	9,567	498	12,835			715	121,022
25-29	6,417	3,017		466			2,662	599		1,208	3,219					855	18,443
30-34		2,257					4,045			899	311						7,512
35-39		3,473					967									753	5,193
40-44		1,313		496	260		560	1,319		226							4,174
45-49		4,448	355	1,432	415		801	311		1,005	455			438	487		10,147
50-54		2,898	3,427	5,229	425	482		849		1,701	715	311					16,037
55-59		1,963	2,600	12,920	529	605		922			778	538				649	21,504
60-64		1,849	12,180	9,806	2,170	3,266		538		1,563				467			31,839
65+		3,794	124,662	33,347	3,225	2,379		667		199							168,272
Quarter 2																	
Sex																	
Both sexes	2,029,570	229,411	545,378	293,043	45,758	141,896	69,766	97,771	10,484	176,166	114,553	24,543	125,092	6,689	13,629	401,768	4,325,517
Male	1,042,256	30,537	141,385	117,585	24,426	82,287	1,363	42,250	5,454	72,859	43,218	8,713	61,243	3,124	5,098	202,689	1,884,488
Female	987,314	198,874	403,993	175,457	21,333	59,609	68,402	55,521	5,030	103,308	71,334	15,830	63,849	3,565	8,531	199,079	2,441,029
Locality type																	
All locality types	2,029,570	229,411	545,378	293,043	45,758	141,896	69,766	97,771	10,484	176,166	114,553	24,543	125,092	6,689	13,629	401,768	4,325,517
Urban	1,366,152	170,311	368,739	180,451	22,384	122,757	34,892	56,870	8,650	133,328	76,541	16,259	95,027	5,123	12,508	282,901	2,952,893
Rural	663,418	59,100	176,640	112,591	23,374	19,140	34,874	40,901	1,834	42,838	38,012	8,283	30,065	1,567	1,121	118,867	1,372,625
Both sexes																	

Characteristics	Reasons for Inactivity															Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
Total	2,029,570	229,411	545,378	293,043	45,758	141,896	69,766	97,771	10,484	176,166	114,553	24,543	125,092	6,689	13,629	401,768	4,325,517
15-19	1,526,608	56,892	115	12,873	8,003		18,588	46,725	2,645	47,282	64,734	6,223			2,016	365,259	2,157,963
20-24	418,553	48,132		7,095	5,591		28,773	21,265	3,635	66,773	37,218	7,195	115,877	658	7,954	19,273	787,993
25-29	68,617	14,620		5,893			6,962	6,780	1,268	26,032	4,759	3,428	845	638		7,017	146,858
30-34	14,817	6,663		2,402	1,363		7,475			4,849	667		1,526	904			40,666
35-39	975	17,584		5,583			3,309		1,245	3,752	305		1,182	1,114		1,433	36,481
40-44		9,154		3,778	268		2,743	1,448		2,812	4,198	2,390	817	1,114			28,722
45-49		16,582	1,556	11,038	5,410		791	1,909		12,373	726	289	1,690	443	3,659	76	56,543
50-54		27,698	6,395	32,458	1,678	488		4,028		6,117	426	2,063	1,018			2,029	84,398
55-59		9,732	11,754	39,268	2,953	9,548		5,757		1,968	794	531	2,138	1,353		2,182	87,979
60-64		8,515	39,285	46,655	7,777	43,694		6,660	1,690	1,791	725	1,018		466		1,753	160,029
65+		13,839	486,273	126,000	12,715	88,166	1,124	3,199		2,416		1,406				2,747	737,884
Male																	
Total	1,042,256	30,537	141,385	117,585	24,426	82,287	1,363	42,250	5,454	72,859	43,218	8,713	61,243	3,124	5,098	202,689	1,884,488
15-19	787,013	13,515		6,089	4,638		239	20,559	1,268	23,021	26,501	3,055			2,016	180,141	1,068,055
20-24	207,801	8,621		2,270	3,974			10,958	1,672	30,072	12,610	2,380	56,711	658	1,470	10,635	349,832
25-29	38,908	2,104		930				4,427	1,268	10,504	1,115	1,262	642			4,300	65,461
30-34	8,268			1,318	927					2,183							12,696
35-39	266	1,182		3,344					1,245	723			1,182				7,942
40-44				2,201						670	2,993			1,114			6,978
45-49		2,016		4,151	1,612			1,588		650		289	1,690		1,612		13,607
50-54		396	138	10,158				661		1,036		322	1,018			2,029	15,757
55-59			2,185	13,027	1,363	4,385		3,162		1,740				1,353		1,338	28,554
60-64			7,616	25,352	3,107	22,933		573		243						1,753	61,577
65+		2,704	131,446	48,744	8,804	54,969	1,124	322		2,016		1,406				2,493	254,029
Female																	
Total	987,314	198,874	403,993	175,457	21,333	59,609	68,402	55,521	5,030	103,308	71,334	15,830	63,849	3,565	8,531	199,079	2,441,029
15-19	739,595	43,378	115	6,784	3,365		18,349	26,166	1,377	24,261	38,233	3,168				185,118	1,089,908

Characteristics	Reasons for Inactivity															Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
20-24	210,752	39,511		4,824	1,617		28,773	10,307	1,963	36,701	24,608	4,815	59,166		6,483	8,638	438,161
25-29	29,709	12,516		4,962			6,962	2,353		15,528	3,644	2,166	202	638		2,717	81,397
30-34	6,549	6,663		1,083	436		7,475			2,667	667		1,526	904			27,970
35-39	709	16,402		2,239			3,309			3,030	305			1,114		1,433	28,539
40-44		9,154		1,577	268		2,743	1,448		2,141	1,205	2,390	817				21,744
45-49		14,566	1,556	6,887	3,798		791	322		11,723	726			443	2,047	76	42,935
50-54		27,302	6,257	22,300	1,678	488		3,367		5,081	426	1,741					68,641
55-59		9,732	9,569	26,241	1,590	5,163		2,595		228	794	531	2,138			843	59,425
60-64		8,515	31,670	21,303	4,670	20,761		6,087	1,690	1,548	725	1,018		466			98,452
65+		11,136	354,827	77,256	3,911	33,197		2,877		399						253	483,855
Urban																	
Both sexes																	
Total	1,366,152	170,311	368,739	180,451	22,384	122,757	34,892	56,870	8,650	133,328	76,541	16,259	95,027	5,123	12,508	282,901	2,952,893
15-19	988,478	37,139		2,764	2,384		6,670	23,632	1,268	31,942	44,106	3,539			2,016	253,645	1,397,584
20-24	317,445	33,232		3,736	2,222		14,786	11,280	3,178	49,916	25,566	4,321	86,994		7,319	16,000	575,995
25-29	47,113	10,715		4,490			4,327	6,161	1,268	23,898	688	2,166	845	638		5,855	108,164
30-34	12,140	4,426		2,402	830		3,470			3,024	345		1,526	904			29,067
35-39	975	12,976		3,910			2,330		1,245	3,167	305			1,114		694	26,715
40-44		7,853		2,505			2,184	153		1,919	4,198	2,390	817	1,114			23,133
45-49		13,445	1,206	9,531	5,001			917		11,369	608		1,690		3,173	76	47,018
50-54		25,185	3,662	25,612	1,239			2,514		3,397		1,419	1,018			1,206	65,253
55-59		7,769	8,713	22,164	2,433	7,754		4,438		1,968			2,138	1,353		1,541	60,271
60-64		7,082	27,062	32,948	3,788	36,991		5,556	1,690	509	725	1,018				1,753	119,121
65+		10,488	328,097	70,389	4,487	78,011	1,124	2,220		2,220		1,406				2,130	500,571
Male																	
Total	690,410	18,048	95,420	76,301	10,692	69,416	1,124	26,958	5,454	55,726	31,075	3,654	42,594	2,467	4,464	143,576	1,277,378
15-19	510,582	6,997		1,572	749			11,750	1,268	17,135	18,022	2,249			2,016	125,354	697,694
20-24	150,223	5,837		1,699	1,823			7,116	1,672	23,002	9,765		39,244		835	8,070	249,287

Characteristics	Reasons for Inactivity														Other	Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis			Wage/ Salary not attractive
25-29	23,748	1,181					4,427	1,268	9,562	294		642				3,978	45,101
30-34	5,591			1,318	394				1,240								8,544
35-39	266			1,671				1,245	137								3,320
40-44				1,416						2,993			1,114				5,523
45-49		2,016		4,069	1,612		917		650			1,690		1,612			12,566
50-54				8,514								1,018				1,206	10,737
55-59			1,748	8,714	1,363	3,203	2,748		1,740					1,353		1,338	22,208
60-64			6,319	21,396	1,271	19,044			243							1,753	50,026
65+		2,016	87,352	25,932	3,479	47,169	1,124		2,016			1,406				1,877	172,373
Female																	
Total	675,742	152,263	273,319	104,150	11,692	53,340	33,767	29,912	3,196	77,603	45,466	12,605	52,434	2,656	8,045	139,324	1,675,514
15-19	477,897	30,142		1,192	1,635		6,670	11,883		14,807	26,083	1,290				128,291	699,890
20-24	167,222	27,395		2,036	399		14,786	4,164	1,506	26,914	15,801	4,321	47,751		6,483	7,930	326,708
25-29	23,365	9,534		4,490			4,327	1,734		14,336	394	2,166	202	638		1,877	63,064
30-34	6,549	4,426		1,083	436		3,470			1,783	345		1,526	904			20,523
35-39	709	12,976		2,239			2,330			3,030	305			1,114		694	23,395
40-44		7,853		1,089			2,184	153		1,919	1,205	2,390	817				17,610
45-49		11,429	1,206	5,462	3,389					10,719	608				1,562	76	34,451
50-54		25,185	3,662	17,099	1,239			2,514		3,397		1,419					54,516
55-59		7,769	6,964	13,450	1,069	4,551		1,690		228			2,138			202	38,063
60-64		7,082	20,742	11,552	2,517	17,947		5,556	1,690	266	725	1,018					69,095
65+		8,471	240,744	44,456	1,008	30,842		2,220		204						253	328,198
Rural																	
Both sexes																	
Total	663,418	59,100	176,640	112,591	23,374	19,140	34,874	40,901	1,834	42,838	38,012	8,283	30,065	1,567	1,121	118,867	1,372,625
15-19	538,130	19,753	115	10,109	5,619		11,918	23,093	1,377	15,341	20,628	2,683				111,614	760,378
20-24	101,108	14,900		3,359	3,369		13,987	9,985	457	16,858	11,652	2,874	28,883	658	635	3,273	211,998
25-29	21,504	3,904		1,403			2,635	619		2,135	4,071	1,262				1,161	38,694

Characteristics	Reasons for Inactivity															Total	
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis	Wage/ Salary not attractive		Other
30-34	2,677	2,237			533		4,006			1,825	322						11,599
35-39		4,608		1,673			979			586		1,182				739	9,766
40-44		1,301		1,273	268		558	1,295		893							5,589
45-49		3,137	350	1,507	409		791	992		1,004	118	289		443	486		9,525
50-54		2,514	2,733	6,846	439	488		1,514		2,720	426	643				823	19,145
55-59		1,962	3,041	17,104	520	1,794		1,319			794	531				641	27,708
60-64		1,433	12,224	13,707	3,989	6,703		1,105		1,281				466			40,908
65+		3,351	158,177	55,611	8,227	10,155		979		196						616	237,313
Male																	
Total	351,846	12,489	45,965	41,284	13,734	12,871	239	15,292		17,133	12,144	5,058	18,649	658	635	59,113	607,110
15-19	276,431	6,518		4,517	3,889		239	8,810		5,887	8,478	806				54,787	370,361
20-24	57,578	2,784		571	2,151			3,842		7,070	2,844	2,380	17,467	658	635	2,565	100,545
25-29	15,160	923		930						942	821	1,262				322	20,360
30-34	2,677				533					942							4,152
35-39		1,182		1,673						586			1,182				4,622
40-44				785						670							1,456
45-49				82				670				289					1,041
50-54		396	138	1,644				661		1,036		322				823	5,020
55-59			437	4,313		1,182		414									6,346
60-64			1,296	3,956	1,836	3,889		573									11,551
65+		687	44,094	22,812	5,325	7,800		322								616	81,656
Female																	
Total	311,573	46,611	130,675	71,307	9,640	6,269	34,635	25,609	1,834	25,705	25,868	3,225	11,415	909	486	59,755	765,515
15-19	261,699	13,235	115	5,592	1,730		11,679	14,283	1,377	9,454	12,150	1,877				56,827	390,017
20-24	43,531	12,117		2,788	1,218		13,987	6,143	457	9,787	8,808	494	11,415			708	111,453
25-29	6,343	2,981		472			2,635	619		1,192	3,250					840	18,334
30-34		2,237					4,006			883	322						7,447
35-39		3,426					979									739	5,144

Characteristics	Reasons for Inactivity														Total		
	In full time education /student	Did home duties (homemaker)	Too old/Aged	Sick and unable to work	Disability condition	Pensioner/ Retirement	Pregnancy/ Delivery	No need/desire to work	Discouraged/ frustrated	There is no work	Don't have any qualification/s	Off-season	Temporary lay-off	Temporary crisis		Wage/ Salary not attractive	Other
40-44		1,301		488	268		558	1,295	222								4,134
45-49		3,137	350	1,424	409		791	322	1,004	118			443	486			8,484
50-54		2,117	2,595	5,202	439	488		853	1,684	426	322						14,125
55-59		1,962	2,605	12,791	520	612		905		794	531					641	21,362
60-64		1,433	10,927	9,751	2,153	2,814		531	1,281				466				29,357
65+		2,664	114,083	32,799	2,903	2,355		658	196								155,657

TABLE 5.4: EMPLOYMENT-TO-POPULATION RATIO FOR POPULATION 15 YEARS AND OLDER BY AGE GROUP AND SEX

Characteristics	Quarter 1					
	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
All locality type	18,816,298	8,407,131	10,409,167	11,214,069	5,291,108	5,922,961
Urban	10,933,842	4,753,675	6,180,167	6,206,805	2,817,083	3,389,722
Rural	7,882,456	3,653,456	4,229,000	5,007,264	2,474,025	2,533,238
All regions	18,816,298	8,407,131	10,409,167	11,214,069	5,291,108	5,922,961
Western	1,223,455	573,258	650,197	784,883	376,047	408,836
Central	1,704,434	735,361	969,074	1,030,014	462,417	567,597
Greater Accra	3,651,824	1,621,298	2,030,526	2,006,783	933,143	1,073,641
Volta	1,016,313	434,643	581,670	598,675	265,421	333,254
Eastern	1,809,713	774,663	1,035,050	1,095,588	497,093	598,495
Ashanti	3,309,940	1,456,410	1,853,530	1,857,890	868,329	989,561
Western North	531,157	250,419	280,738	330,729	166,051	164,678
Ahafo	338,456	155,565	182,891	219,106	107,345	111,761
Bono	739,066	314,155	424,912	471,087	211,781	259,307
Bono East	700,902	330,351	370,551	509,691	254,337	255,354
Oti	435,826	212,977	222,849	331,900	173,204	158,696
Northern	1,305,710	600,997	704,713	768,423	374,895	393,528
Savannah	373,236	171,006	202,230	217,802	113,388	104,414
North East	356,267	163,645	192,623	230,889	110,907	119,981
Upper East	787,260	370,899	416,362	456,825	221,059	235,765
Upper West	532,737	241,485	291,251	303,785	155,691	148,094
Urban						
All regions	10,933,842	4,753,675	6,180,167	6,206,805	2,817,083	3,389,722
Western	638,026	292,157	345,869	162,601	205,195	367,796

Characteristics	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
Central	1,003,423	425,777	577,646	240,583	309,063	549,646
Greater Accra	3,364,082	1,491,499	1,872,583	850,681	988,596	1,839,277
Volta	444,576	188,295	256,280	104,449	142,150	246,599
Eastern	918,920	377,275	541,645	244,831	307,087	551,917
Ashanti	2,087,442	890,794	1,196,648	525,932	651,480	1,177,412
Western North	163,915	71,143	92,772	40,870	51,094	91,964
Ahafo	168,559	71,822	96,737	46,165	58,055	104,220
Bono	441,423	178,489	262,935	105,860	153,645	259,505
Bono East	376,156	167,079	209,077	109,216	120,627	229,843
Oti	141,380	68,136	73,243	55,445	50,821	106,266
Northern	629,130	279,996	349,134	178,373	192,226	370,600
Savannah	112,709	49,863	62,846	29,313	26,649	55,963
North East	120,129	53,497	66,632	32,180	37,362	69,542
Upper East	192,664	87,857	104,807	52,098	61,301	113,399
Upper West	131,310	59,997	71,313	38,486	34,371	72,857
Rural						
All regions	7,882,456	3,653,456	4,229,000	2,474,025	2,533,238	5,007,264
Western	585,429	281,101	304,328	213,447	203,640	417,087
Central	701,012	309,584	391,428	221,834	258,534	480,368
Greater Accra	287,742	129,799	157,943	82,462	85,045	167,507
Volta	571,737	246,347	325,390	160,973	191,104	352,077
Eastern	890,793	397,388	493,405	252,263	291,408	543,670
Ashanti	1,222,498	565,616	656,882	342,397	338,081	680,478
Western North	367,242	179,276	187,967	125,181	113,584	238,765
Ahafo	169,897	83,743	86,153	61,180	53,706	114,886
Bono	297,643	135,666	161,977	105,920	105,662	211,583
Bono East	324,745	163,271	161,474	145,121	134,727	279,848
Oti	294,447	144,841	149,606	117,759	107,875	225,634

Characteristics	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
Northern	676,580	321,000	355,580	196,522	201,302	397,823
Savannah	260,528	121,144	139,384	84,075	77,765	161,840
North East	236,139	110,148	125,991	78,728	82,619	161,347
Upper East	594,597	283,042	311,555	168,961	174,464	343,425
Upper West	401,427	181,489	219,938	117,205	113,722	230,927
Quarter 2						
All locality type	19,116,545	8,531,480	10,585,065	10,656,305	4,982,219	5,674,085
Urban	11,085,003	4,810,343	6,274,659	5,862,619	2,631,009	3,231,609
Rural	8,031,542	3,721,137	4,310,406	4,793,686	2,351,210	2,442,476
All regions	19,116,545	8,531,480	10,585,065	10,656,305	4,982,219	5,674,085
Western	1,258,167	588,080	670,087	723,407	339,102	384,305
Central	1,725,859	751,508	974,351	1,007,278	448,545	558,733
Greater Accra	3,711,152	1,627,181	2,083,971	1,882,099	858,922	1,023,177
Volta	1,030,791	433,790	597,001	560,296	250,307	309,989
Eastern	1,831,245	785,924	1,045,321	1,086,202	495,605	590,597
Ashanti	3,360,608	1,481,952	1,878,656	1,735,981	811,327	924,654
Western North	539,300	253,719	285,581	331,405	164,992	166,413
Ahafo	344,146	159,441	184,705	200,593	96,470	104,123
Bono	757,091	324,954	432,137	454,868	200,050	254,817
Bono East	712,242	334,446	377,796	481,417	242,490	238,927
Oti	443,072	215,244	227,828	305,776	155,603	150,173
Northern	1,316,539	606,020	710,519	775,695	383,827	391,869
Savannah	384,136	177,416	206,720	236,770	119,943	116,827
North East	363,510	169,134	194,377	205,058	96,980	108,078
Upper East	793,398	374,330	419,068	376,065	177,615	198,450
Upper West	545,290	248,341	296,949	293,394	140,441	152,953
Urban						

Characteristics	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
All regions	11,085,003	4,810,343	6,274,659	5,862,619	2,631,009	3,231,609
Western	654,803	299,628	355,175	388,181	172,214	215,967
Central	1,011,995	435,636	576,359	557,480	245,559	311,921
Greater Accra	3,416,704	1,495,671	1,921,033	1,735,990	786,756	949,234
Volta	446,375	182,287	264,089	219,234	91,173	128,060
Eastern	926,887	384,370	542,517	556,043	244,694	311,349
Ashanti	2,121,597	907,741	1,213,856	993,729	435,135	558,594
Western North	165,694	71,316	94,378	93,474	40,790	52,684
Ahafo	170,631	73,838	96,793	99,098	44,049	55,048
Bono	446,320	180,277	266,043	251,444	102,673	148,771
Bono East	384,030	171,909	212,121	228,119	111,039	117,080
Oti	139,839	67,361	72,478	95,010	46,815	48,196
Northern	634,949	284,994	349,956	347,673	169,506	178,167
Savannah	118,239	52,780	65,459	58,361	27,294	31,068
North East	123,006	54,457	68,549	61,201	27,869	33,332
Upper East	192,901	87,980	104,921	104,612	48,987	55,625
Upper West	131,033	60,099	70,933	72,971	36,458	36,513
Rural						
All regions	8,031,542	3,721,137	4,310,406	4,793,686	2,351,210	2,442,476
Western	603,364	288,452	314,912	335,226	166,888	168,338
Central	713,864	315,873	397,992	449,798	202,986	246,812
Greater Accra	294,448	131,510	162,938	146,109	72,166	73,943
Volta	584,416	251,503	332,912	341,063	159,134	181,929
Eastern	904,358	401,554	502,803	530,159	250,911	279,248
Ashanti	1,239,011	574,212	664,800	742,252	376,192	366,060
Western North	373,606	182,403	191,202	237,932	124,203	113,729
Ahafo	173,514	85,603	87,912	101,496	52,421	49,075
Bono	310,771	144,677	166,094	203,424	97,377	106,047

Characteristics	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
Bono East	328,212	162,537	165,675	253,297	131,451	121,846
Oti	303,233	147,883	155,350	210,765	108,789	101,977
Northern	681,590	321,026	360,563	428,022	214,321	213,701
Savannah	265,897	124,636	141,261	178,409	92,649	85,760
North East	240,505	114,676	125,828	143,857	69,111	74,746
Upper East	600,497	286,350	314,147	271,453	128,628	142,825
Upper West	414,257	188,241	226,015	220,424	103,983	116,440

TABLE 5.5: EMPLOYMENT STATUS OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY, SEX AND REGION

Quarter 1						
Age group	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
Total	18,816,298	8,407,131	10,409,167	11,214,069	5,291,108	5,922,961
15-19	3,451,280	1,729,260	1,722,021	790,566	416,758	373,807
20-24	2,675,639	1,225,699	1,449,941	1,064,221	534,383	529,839
25-29	2,072,803	888,806	1,183,997	1,323,024	618,035	704,989
30-34	1,879,369	782,392	1,096,978	1,472,405	663,320	809,085
35-39	1,838,974	804,306	1,034,668	1,553,300	718,134	835,165
40-44	1,581,204	677,180	904,024	1,335,919	607,903	728,016
45-49	1,293,852	597,641	696,211	1,105,322	543,230	562,092
50-54	1,076,477	461,478	614,999	888,998	406,692	482,306
55-59	830,336	362,021	468,315	668,631	303,246	365,385
60-64	685,460	303,916	381,544	454,933	210,958	243,975
65+	1,430,904	574,434	856,470	556,750	268,449	288,301
Urban						
Total	10,933,842	4,753,675	6,180,167	6,206,805	2,817,083	3,389,722
15-19	1,842,149	912,987	929,163	266,147	124,235	141,912
20-24	1,560,689	671,114	889,575	496,684	223,703	272,981
25-29	1,217,916	498,455	719,461	725,538	317,094	408,443
30-34	1,151,993	467,432	684,561	892,919	395,103	497,816
35-39	1,144,625	505,090	639,535	973,222	459,169	514,053
40-44	940,115	407,372	532,743	780,597	359,346	421,252
45-49	752,989	348,637	404,352	641,766	317,517	324,249
50-54	629,916	255,455	374,461	520,083	226,665	293,418
55-59	479,923	204,841	275,082	385,538	165,747	219,792
60-64	401,035	175,325	225,710	250,933	108,102	142,831
65+	812,491	306,967	505,524	273,378	120,402	152,976

Age group	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
Rural						
Total	7,882,456	3,653,456	4,229,000	5,007,264	2,474,025	2,533,238
15-19	1,609,131	816,273	792,858	524,419	292,523	231,896
20-24	1,114,950	554,584	560,366	567,537	310,679	256,858
25-29	854,887	390,351	464,536	597,487	300,941	296,545
30-34	727,376	314,959	412,417	579,486	268,217	311,269
35-39	694,349	299,216	395,133	580,078	258,966	321,112
40-44	641,089	269,808	371,281	555,321	248,557	306,764
45-49	540,863	249,004	291,859	463,556	225,712	237,844
50-54	446,561	206,023	240,538	368,915	180,027	188,888
55-59	350,413	157,180	193,233	283,092	137,499	145,593
60-64	284,425	128,591	155,834	204,000	102,856	101,144
65+	618,413	267,467	350,946	283,372	148,047	135,325
Quarter 2						
Total	19,116,545	8,531,480	10,585,065	10,656,305	4,982,219	5,674,085
15-19	3,759,672	1,846,941	1,912,731	697,831	377,973	319,858
20-24	2,722,950	1,263,360	1,459,590	1,004,835	516,467	488,369
25-29	2,063,701	883,344	1,180,358	1,208,515	557,430	651,085
30-34	1,887,821	773,798	1,114,023	1,425,739	622,597	803,142
35-39	1,789,018	781,248	1,007,770	1,438,200	642,954	795,247
40-44	1,561,719	683,461	878,258	1,282,628	586,647	695,981
45-49	1,282,439	586,316	696,123	1,069,098	507,525	561,573
50-54	1,099,270	472,680	626,591	898,132	402,203	495,929
55-59	813,573	348,936	464,636	638,839	292,181	346,658
60-64	686,777	302,559	384,219	432,164	200,506	231,658
65+	1,449,605	588,838	860,767	560,324	275,737	284,588
Urban						
Total	11,085,003	4,810,343	6,274,659	5,862,619	2,631,009	3,231,609

Age group	Estimated population			Estimated number employed		
	Both sexes	Male	Female	Both sexes	Male	Female
15-19	2,028,720	979,661	1,049,059	226,455	101,769	124,686
20-24	1,562,647	683,648	878,999	485,119	228,299	256,820
25-29	1,214,054	498,457	715,597	659,302	293,006	366,296
30-34	1,158,761	454,953	703,808	858,369	362,069	496,300
35-39	1,108,725	487,305	621,420	875,146	392,167	482,979
40-44	919,086	405,954	513,133	734,667	344,621	390,046
45-49	752,598	348,466	404,132	625,174	298,266	326,908
50-54	648,625	261,818	386,808	523,834	221,673	302,162
55-59	473,967	198,956	275,011	368,252	164,634	203,618
60-64	398,856	172,904	225,952	228,092	98,946	129,146
65+	818,963	318,222	500,742	278,208	125,560	152,648
Rural						
Total	8,031,542	3,721,137	4,310,406	4,793,686	2,351,210	2,442,476
15-19	1,730,952	867,280	863,672	471,376	276,204	195,172
20-24	1,160,303	579,712	580,591	519,716	288,168	231,548
25-29	849,647	384,887	464,761	549,213	264,423	284,790
30-34	729,060	318,844	410,215	567,370	260,529	306,841
35-39	680,293	293,943	386,350	563,055	250,787	312,267
40-44	642,633	277,508	365,125	547,961	242,025	305,935
45-49	529,841	237,850	291,991	443,924	209,259	234,665
50-54	450,645	210,862	239,783	374,297	180,530	193,767
55-59	339,606	149,980	189,626	270,587	127,547	143,039
60-64	287,922	129,655	158,267	204,072	101,560	102,512
65+	630,642	270,617	360,025	282,116	150,177	131,940

TABLE 5.6: EMPLOYMENT SECTOR OF CURRENTLY EMPLOYED POPULATION AGED 15 YEARS AND OLDER BY TYPE OF LOCALITY, SEX AND REGION

Characteristics	Quarter 1												Total
	Status of employment												
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers	Other	
Locality Type													
All locality types	2,416,074	450,717	68,813	63,429	444,202	3,364,614	392,769	205,228	2,219,960	1,510,093	46,706	31,464	11,214,069
Urban	1,879,637	288,751	45,998	42,404	348,965	2,420,822	241,894	61,998	539,704	278,918	33,529	24,183	6,206,805
Rural	536,437	161,966	22,815	21,024	95,237	943,791	150,875	143,230	1,680,256	1,231,175	13,178	7,281	5,007,264
Sex													
Both Sexes	2,416,074	450,717	68,813	63,429	444,202	3,364,614	392,769	205,228	2,219,960	1,510,093	46,706	31,464	11,214,069
Male	1,496,575	312,208	61,095	26,498	244,239	916,300	114,416	147,387	1,374,939	565,798	12,221	19,433	5,291,108
Female	919,500	138,509	7,718	36,931	199,964	2,448,314	278,352	57,841	845,021	944,295	34,486	12,031	5,922,961
Both Sexes													
All regions	2,416,074	450,717	68,813	63,429	444,202	3,364,614	392,769	205,228	2,219,960	1,510,093	46,706	31,464	11,214,069
Western	181,658	46,020	2,336	2,003	27,824	225,908	29,130	10,738	160,542	95,879	2,355	487	784,883
Central Greater Accra	228,734	50,166	1,584	6,004	38,151	330,635	38,050	12,484	207,404	110,295	2,937	3,569	1,030,014
Volta	792,332	88,576	12,172	3,059	155,742	817,823	55,942	5,289	33,965	7,594	17,865	16,424	2,006,783
Eastern	114,108	43,806	2,908	2,885	14,140	197,619	22,820	26,808	137,193	35,164	1,225		598,675
Ashanti	225,114	47,594	8,805	8,854	30,835	380,038	40,830	26,124	208,620	117,391	534	849	1,095,588
Western North	439,663	75,756	13,743	18,387	89,977	678,364	83,856	34,853	280,510	123,798	13,579	5,401	1,857,890
Ahafo	37,092	11,734	673	273	7,394	56,875	5,498	7,749	119,835	82,103	304	1,200	330,729
Bono	27,575	10,299	1,022	163	4,592	38,999	7,625	7,014	71,572	48,801	1,186	258	219,106
Bono East	59,653	18,249	3,241	4,629	14,141	83,435	18,370	11,441	142,094	114,436	597	800	471,087
Oti	55,028	16,067	1,513	5,563	11,223	97,714	30,801	6,858	147,159	136,854	512	399	509,691
Northern	21,832	4,661	853	425	3,101	56,238	8,757	14,573	104,622	116,283	555		331,900
Savannah	89,433	13,223	13,870	3,915	19,473	176,198	21,212	20,621	235,747	173,920		812	768,423
North East	12,983	2,705	907	1,761	4,982	35,427	4,650	4,510	83,061	65,185	1,630		217,802
Upper East	17,558	2,809	548	254	3,020	33,175	4,040	2,058	76,174	90,640	450	162	230,889
Upper East	66,201	7,805	2,354	5,253	11,987	98,052	14,917	5,135	134,090	110,003	155	874	456,825

Status of employment

Characteristics	Status of employment											Total	
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers		Other
Upper West	47,111	11,245	2,283		7,620	58,112	6,271	8,971	77,372	81,749	2,823	228	303,785
Male													
All regions	1,496,575	312,208	61,095	26,498	244,239	916,300	114,416	147,387	1,374,939	565,798	12,221	19,433	5,291,108
Western	123,056	28,599	1,649	873	11,935	53,621	7,444	7,224	83,143	57,367	650	487	376,047
Central Greater Accra	139,666	39,063	1,584	2,395	20,212	89,696	4,199	8,400	117,506	38,071	671	952	462,417
Volta	482,545	62,074	10,687		81,690	234,948	22,626	1,899	18,055	4,065	2,288	12,265	933,143
Eastern	63,697	34,028	2,178	1,108	3,939	54,513	7,462	19,008	67,088	11,788	612		265,421
Ashanti Western North	148,289	24,746	7,943	3,749	18,296	86,734	9,822	16,100	140,597	39,967		849	497,093
Ashanti	255,985	51,159	12,847	8,805	64,183	194,327	33,106	24,119	172,892	42,832	5,828	2,246	868,329
North	25,916	8,915	673	273	3,882	14,984	1,918	6,157	78,657	23,773		902	166,051
Ahafo	17,454	8,207	515		2,436	10,976	1,777	5,410	47,043	13,106	163	258	107,345
Bono	31,053	12,263	3,241	1,298	7,497	19,714	4,876	8,425	78,606	44,009		800	211,781
Bono East	36,449	11,928	1,513	2,477	7,557	22,454	3,398	6,172	100,329	61,661		399	254,337
Oti	15,108	4,416	584	425	1,427	14,408	2,468	11,764	69,598	52,759	247		173,204
Northern	60,544	10,690	12,429	1,586	7,536	50,347	6,897	16,095	157,295	51,475			374,895
Savannah	9,422	2,083	733	804	2,806	8,603	205	3,799	57,651	27,013	270		113,388
North East	12,606	1,938	548	254	1,705	9,801	741	1,881	51,593	29,575	267		110,907
Upper East	44,917	5,591	2,354	2,451	5,179	28,299	2,981	5,135	82,687	41,353		112	221,059
Upper West	29,867	6,508	1,616		3,958	22,874	4,495	5,801	52,199	26,986	1,224	164	155,691
Female													
All regions	919,500	138,509	7,718	36,931	199,964	2,448,314	278,352	57,841	845,021	944,295	34,486	12,031	5,922,961
Western	58,603	17,421	687	1,130	15,889	172,287	21,686	3,515	77,399	38,513	1,705		408,836
Central Greater Accra	89,068	11,103		3,609	17,939	240,938	33,851	4,084	89,898	72,224	2,266	2,618	567,597
Volta	309,787	26,502	1,485	3,059	74,051	582,874	33,316	3,390	15,910	3,530	15,576	4,159	1,073,641
Eastern	50,411	9,778	730	1,778	10,201	143,106	15,358	7,800	70,105	23,376	612		333,254
Ashanti	76,825	22,849	862	5,105	12,539	293,304	31,007	10,024	68,022	77,424	534		598,495
Ashanti	183,678	24,597	896	9,582	25,794	484,038	50,750	10,734	107,618	80,966	7,752	3,156	989,561

Status of employment

Characteristics	Status of employment											Total	
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers		Other
Western North	11,176	2,819			3,511	41,891	3,580	1,592	41,178	58,330	304	299	164,678
Ahafo	10,120	2,092	508	163	2,156	28,023	5,849	1,605	24,529	35,695	1,022		111,761
Bono	28,600	5,986		3,331	6,645	63,721	13,494	3,016	63,489	70,427	597		259,307
Bono East	18,579	4,138		3,086	3,666	75,261	27,402	686	46,830	75,193	512		255,354
Oti	6,724	246	269		1,673	41,830	6,289	2,809	35,024	63,524	308		158,696
Northern	28,889	2,533	1,441	2,329	11,936	125,852	14,314	4,526	78,452	122,444		812	393,528
Savannah	3,561	623	174	957	2,177	26,824	4,445	712	25,411	38,172	1,360		104,414
North East	4,953	872			1,315	23,374	3,299	177	24,581	61,065	183	162	119,981
Upper East	21,284	2,214		2,801	6,808	69,753	11,937		51,403	68,650	155	761	235,765
Upper West	17,244	4,737	667		3,662	35,237	1,776	3,170	25,173	54,763	1,599	64	148,094
Urban													
All regions	1,879,637	288,751	45,998	42,404	348,965	2,420,822	241,894	61,998	539,704	278,918	33,529	24,183	6,206,805
Western	114,636	21,441	687	1,516	15,582	153,587	21,285		19,680	19,380			367,796
Central Greater Accra	170,319	31,521	1,584	4,318	30,108	225,582	23,213	2,780	42,658	13,729	935	2,898	549,646
Volta	744,791	78,992	10,332	3,059	143,326	764,547	49,051	2,353	11,448		16,569	14,810	1,839,277
Eastern	72,751	25,893	1,917	2,306	9,400	99,338	10,584	2,792	18,280	2,112	1,225		246,599
Ashanti	145,935	32,854	6,271	3,582	17,846	232,457	19,049	9,648	52,737	30,688		849	551,917
Western North	329,051	49,083	8,997	13,109	67,789	490,031	52,618	17,532	96,042	38,039	12,611	2,510	1,177,412
Ahafo	21,853	1,282	352	273	4,378	25,509	1,728	1,683	26,888	8,018			91,964
Bono	19,244	4,843	705		4,115	25,079	5,207	3,302	26,014	14,584	868	258	104,220
Bono East	47,891	12,787	2,538	4,223	10,999	70,022	13,340	6,046	58,892	31,968		800	259,505
Oti	43,245	7,674	1,513	3,888	10,875	58,274	12,393	3,348	53,408	34,314	512	399	229,843
Northern	12,277	3,502	269		1,890	25,140	5,531	5,117	23,045	29,187	308		106,266
Savannah	76,397	5,930	9,039	1,456	17,762	144,066	13,802	5,628	63,463	32,247		812	370,600
North East	11,394	559	907	1,475	4,697	16,729	1,546	1,038	13,002	4,140	476		55,963
Upper East	12,682	2,258		254	2,463	21,783	2,905	401	13,821	12,812		162	69,542
Upper West	33,005	4,266		2,944	5,202	43,063	4,163	112	13,788	6,398		457	113,399

Characteristics	Status of employment												Total
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers	Other	
Upper West	24,166	5,865	888		2,534	25,615	5,478	219	6,538	1,301	24	228	72,857
Rural													
All regions	536,437	161,966	22,815	21,024	95,237	943,791	150,875	143,230	1,680,256	1,231,175	13,178	7,281	5,007,264
Western	67,022	24,579	1,649	487	12,242	72,321	7,845	10,738	140,862	76,499	2,355	487	417,087
Central Greater Accra	58,415	18,645		1,686	8,043	105,052	14,837	9,705	164,746	96,566	2,002	671	480,368
Volta	47,541	9,585	1,840		12,416	53,276	6,892	2,936	22,517	7,594	1,296	1,614	167,507
Eastern	41,357	17,913	990	579	4,740	98,281	12,236	24,015	118,913	33,052			352,077
Ashanti	79,179	14,740	2,534	5,271	12,989	147,581	21,780	16,477	155,882	86,703	534		543,670
Western North	110,612	26,673	4,747	5,278	22,188	188,333	31,239	17,321	184,468	85,759	969	2,891	680,478
Ahafo	15,239	10,452	321		3,016	31,366	3,769	6,066	92,947	74,085	304	1,200	238,765
Bono	8,330	5,455	317	163	477	13,920	2,418	3,713	45,558	34,217	317		114,886
Bono East	11,763	5,462	704	406	3,142	13,414	5,030	5,395	83,202	82,468	597		211,583
Oti	11,783	8,393		1,675	348	39,440	18,408	3,510	93,751	102,540			279,848
Northern	9,555	1,159	584	425	1,211	31,098	3,225	9,457	81,577	87,096	247		225,634
Savannah	13,036	7,293	4,831	2,459	1,711	32,133	7,410	14,993	172,285	141,673			397,823
North East	1,588	2,146		286	286	18,698	3,104	3,472	70,060	61,045	1,155		161,840
Upper East	4,876	552	548		557	11,393	1,134	1,657	62,353	77,827	450		161,347
Upper West	33,195	3,539	2,354	2,309	6,785	54,989	10,755	5,023	120,302	103,604	155	416	343,425
Upper West	22,945	5,380	1,395		5,087	32,496	793	8,752	70,834	80,447	2,799		230,927
Quarter 2													
Locality Type													
All locality types	2,266,008	442,043	65,733	52,143	425,301	3,143,919	298,185	157,336	2,351,474	1,408,310	21,526	24,327	10,656,305
Urban	1,759,172	288,426	40,227	30,665	337,139	2,303,517	195,978	54,663	562,721	260,127	12,027	17,958	5,862,619
Rural	506,837	153,616	25,506	21,478	88,162	840,402	102,207	102,673	1,788,753	1,148,183	9,499	6,369	4,793,686
Sex													
Both Sexes	2,266,008	442,043	65,733	52,143	425,301	3,143,919	298,185	157,336	2,351,474	1,408,310	21,526	24,327	10,656,305
Male	1,432,835	331,154	55,058	24,068	216,393	787,344	80,585	113,154	1,428,384	496,216	8,178	8,851	4,982,219
Female	833,173	110,889	10,675	28,075	208,908	2,356,575	217,600	44,183	923,090	912,093	13,348	15,476	5,674,085

Status of employment

Characteristics	Status of employment											Other	Total
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers		
Both Sexes													
All regions	2,266,008	442,043	65,733	52,143	425,301	3,143,919	298,185	157,336	2,351,474	1,408,310	21,526	24,327	10,656,305
Western	161,674	54,426	1,526	5,721	33,773	241,802	30,230	6,128	125,015	62,268	844		723,407
Central Greater Accra	218,759	51,699	4,450	7,532	34,438	306,461	36,024	11,982	213,364	118,656	1,892	2,021	1,007,278
Volta	739,687	76,048	8,726	1,935	142,186	802,090	51,468	3,142	27,825	13,754	6,147	9,092	1,882,099
Eastern	98,993	34,753		610	12,122	174,657	18,054	7,014	169,682	41,749	1,935	727	560,296
Ashanti	224,896	53,707	4,079	3,867	32,216	380,626	39,405	16,009	237,380	89,794	3,419	802	1,086,202
Western North	394,927	93,150	26,522	10,836	92,373	561,738	41,065	21,044	341,543	142,921	1,130	8,729	1,735,981
Ahafo	40,064	11,352	462	932	8,217	42,981	6,908	6,412	114,537	98,088		1,453	331,405
Bono	32,224	7,937	1,080	570	6,473	36,232	4,316	6,421	68,792	36,403		146	200,593
Bono East	72,500	7,707	2,117	5,060	12,921	75,897	11,663	6,505	148,116	111,919		463	454,868
Oti	50,826	12,512	400	7,100	8,871	106,008	20,276	18,887	140,188	116,350			481,417
Upper West	18,783	8,090	377	1,138	3,596	42,301	8,650	20,802	123,000	79,040			305,776
Northern	83,788	8,327	11,262	2,246	13,848	147,144	15,413	12,674	289,896	190,469		628	775,695
Savannah	13,390	3,521	961	751	2,699	35,945	5,324	5,039	98,116	70,308	715		236,770
North East	15,309	1,612		967	2,624	35,729	2,344	902	60,179	84,635	493	265	205,058
Upper East	51,788	12,491	1,432	2,878	8,685	94,460	4,715	11,992	121,169	61,986	4,468		376,065
Upper West	48,400	4,710	2,340		10,258	59,848	2,330	2,384	72,672	89,970	483		293,394
	2,266,008	442,043	65,733	52,143	425,301	3,143,919	298,185	157,336	2,351,474	1,408,310	21,526	24,327	10,656,305
Male													
All regions	1,432,835	331,154	55,058	24,068	216,393	787,344	80,585	113,154	1,428,384	496,216	8,178	8,851	4,982,219
Western	104,614	42,658	676	3,759	15,438	63,334	11,748	5,620	66,953	23,458	844		339,102
Central Greater Accra	136,037	38,999	4,450	2,145	18,211	72,830	8,086	9,111	121,665	37,013			448,545
Volta	465,995	61,368	6,460		70,129	218,783	8,570	1,016	14,315	5,867	2,428	3,991	858,922
Eastern	56,450	26,924			5,151	45,450	5,825	4,459	91,707	14,341			250,307
Ashanti	146,096	39,607	4,079	3,090	18,366	77,741	11,198	11,475	148,426	34,239	484	802	495,605
	245,295	62,675	22,745	3,625	48,643	139,430	14,515	16,397	205,056	51,070		1,876	811,327

Status of employment

Characteristics	Status of employment											Total	
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers		Other
Western North	29,151	7,396	462	296	3,090	9,905	1,442	4,649	80,059	27,090		1,453	164,992
Ahafo	20,838	5,732	859	220	3,254	9,794	916	5,004	41,230	8,622			96,470
Bono	38,772	3,908	1,721	1,780	8,717	15,845	1,919	4,429	83,372	39,124		463	200,050
Bono East	32,565	10,101	400	5,278	5,400	25,436	3,610	14,278	92,755	52,667			242,490
Oti	12,885	6,109	377	386	2,445	9,773	3,103	13,370	72,710	34,446			155,603
Northern	56,096	8,327	10,049	1,059	6,965	41,716	6,013	9,602	182,899	61,100			383,827
Savannah	10,354	2,284	384	208	1,167	6,850	1,102	3,552	63,780	30,060	202		119,943
North East	11,043	1,114		551	720	8,430	130	743	47,004	26,815	166	265	96,980
Upper East	35,739	10,841	916	1,672	5,316	23,803	1,133	7,787	65,413	21,407	3,589		177,615
Upper West	30,905	3,110	1,480		3,383	18,225	1,273	1,663	51,041	28,897	465		140,441
Female													
All regions	833,173	110,889	10,675	28,075	208,908	2,356,575	217,600	44,183	923,090	912,093	13,348	15,476	5,674,085
Western	57,059	11,769	850	1,962	18,335	178,468	18,482	508	58,062	38,810			384,305
Central Greater Accra	82,722	12,700		5,387	16,228	233,632	27,938	2,871	91,699	81,643	1,892	2,021	558,733
Volta	273,692	14,680	2,266	1,935	72,057	583,307	42,897	2,126	13,510	7,887	3,718	5,101	1,023,177
Eastern	42,544	7,829		610	6,971	129,206	12,229	2,555	77,974	27,408	1,935	727	309,989
Ashanti	78,800	14,100		777	13,849	302,885	28,207	4,533	88,955	55,555	2,935		590,597
Western North	149,633	30,475	3,777	7,211	43,731	422,309	26,550	4,647	136,488	91,851	1,130	6,853	924,654
Ahafo	10,912	3,956		636	5,127	33,076	5,465	1,763	34,478	70,998			166,413
Bono	11,386	2,205	220	349	3,219	26,438	3,400	1,417	27,562	27,781		146	104,123
Bono East	33,728	3,798	397	3,280	4,205	60,051	9,744	2,075	64,744	72,795			254,817
Oti	18,261	2,411		1,822	3,471	80,572	16,666	4,609	47,433	63,683			238,927
Upper West	5,898	1,981		753	1,151	32,527	5,547	7,432	50,290	44,593			150,173
Northern	27,692		1,213	1,187	6,883	105,428	9,400	3,072	106,997	129,369		628	391,869
Savannah	3,037	1,237	577	544	1,532	29,095	4,222	1,487	34,336	40,248	513		116,827
North East	4,265	498		416	1,904	27,300	2,214	160	13,175	57,820	327		108,078
Upper East	16,049	1,651	516	1,206	3,369	70,657	3,582	4,205	55,757	40,579	879		198,450

Status of employment

Characteristics	Status of employment											Total	
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers		Other
Upper West	17,495	1,600	859		6,875	41,623	1,057	721	21,631	61,073	19		152,953
Urban													
All regions	1,759,172	288,426	40,227	30,665	337,139	2,303,517	195,978	54,663	562,721	260,127	12,027	17,958	5,862,619
Western	104,065	35,649	1,526	3,838	23,122	161,342	18,017	845	24,837	14,094	844		388,181
Central Greater Accra	165,907	30,814	3,609	3,324	29,221	218,428	22,070	4,216	52,588	25,970		1,334	557,480
Volta	697,890	67,642	7,403	1,935	130,938	749,906	46,810	2,126	12,374	4,253	5,620	9,092	1,735,990
Eastern	71,485	15,433		610	4,817	91,393	7,752	1,595	21,495	1,991	1,935	727	219,234
Ashanti	146,593	36,371	842		22,694	237,779	17,823	1,662	65,346	26,136	798		556,043
Western North	275,788	67,226	12,681	6,676	62,639	403,887	25,209	10,061	95,392	27,128	1,130	5,912	993,729
Ahafo	22,708	4,206		346	6,504	21,246	3,124	2,470	20,227	12,643			93,474
Bono	19,932	5,110	316		5,174	24,774	4,112	2,505	29,310	7,864			99,098
Bono East	58,381	5,543	1,376	4,796	11,471	64,289	8,234	3,703	63,822	29,828			251,444
Oti	36,185	6,852	400	4,580	7,065	67,987	10,414	8,922	48,680	37,036			228,119
Northern	11,378	1,745		567	2,133	19,699	5,495	5,258	27,377	21,357			95,010
Savannah	70,231	7,194	9,065	1,781	13,395	130,967	15,413	8,481	62,915	27,602		628	347,673
North East	11,410	1,631	961	751	2,423	18,348	3,149	916	12,799	5,771	202		58,361
Upper East	12,679	1,080		321	1,910	20,898	2,344	550	9,873	10,788	493	265	61,201
Upper West	28,407	1,325	916	1,138	6,945	43,020	3,682	1,155	10,856	6,646	522		104,612
Rural	26,130	603	1,133		6,689	29,554	2,330	197	4,831	1,021	483		72,971
All regions	506,837	153,616	25,506	21,478	88,162	840,402	102,207	102,673	1,788,753	1,148,183	9,499	6,369	4,793,686
Western	57,608	18,777		1,882	10,651	80,460	12,213	5,283	100,177	48,174			335,226
Central Greater Accra	52,852	20,885	841	4,208	5,217	88,034	13,954	7,766	160,776	92,686	1,892	687	449,798
Volta	41,797	8,406	1,323		11,248	52,184	4,658	1,016	15,451	9,501	526		146,109
Eastern	27,508	19,320			7,305	83,263	10,302	5,419	148,187	39,759			341,063
Ashanti	78,303	17,336	3,238	3,867	9,522	142,848	21,583	14,347	172,035	63,658	2,621	802	530,159
Ashanti	119,139	25,924	13,841	4,160	29,735	157,851	15,856	10,983	246,151	115,793		2,817	742,252

Characteristics	Status of employment											Total	
	Paid employee	Casual worker	Paid apprentice	Unpaid apprentice	Non-agriculture self-employed with e	Non-agriculture self-employed without	Non-agriculture contributing family	Agric-self-employed with employees	Agric self-employed without employees	Agric contributing family work	Domestic workers		Other
Western North	17,356	7,145	462	586	1,714	21,735	3,783	3,942	94,310	85,446		1,453	237,932
Ahafo	12,292	2,827	764	570	1,298	11,458	204	3,915	39,481	28,539		146	101,496
Bono	14,119	2,163	741	264	1,450	11,608	3,429	2,801	84,294	82,091		463	203,424
Bono East	14,641	5,660		2,520	1,806	38,021	9,862	9,965	91,508	79,314			253,297
Oti	7,404	6,344	377	571	1,463	22,602	3,155	15,544	95,623	57,683			210,765
Northern	13,557	1,133	2,197	465	453	16,176		4,193	226,981	162,867			428,022
Savannah	1,980	1,890			277	17,597	2,175	4,123	85,318	64,536	513		178,409
North East	2,630	532		646	713	14,831		352	50,307	73,847			143,857
Upper East	23,381	11,167	516	1,740	1,741	51,439	1,033	10,837	110,313	55,341	3,947		271,453
Upper West	22,270	4,107	1,207		3,569	30,294		2,187	67,841	88,949			220,424

TABLE 5.7: EMPLOYMENT SECTOR OF CURRENTLY EMPLOYED POPULATION AGED 15 YEARS AND OLDER BY TYPE OF LOCALITY, SEX AND REGION

Quarter 1										
Characteristics	Public (Government)	Semi-public/Parastatals	Private Formal	Private Informal	Local NGO/CSO	International NGO/CSO	Religious Organisation (Local)	Religious Organisational (International)	International Organisation	Total
Locality Type										
All locality types	718,239	21,536	1,065,224	9,357,196	3,315	14,633	24,104	5,728	4,095	11,214,069
Urban	564,204	16,782	886,492	4,695,317	1,226	12,773	21,903	4,014	4,095	6,206,805
Rural	154,035	4,753	178,732	4,661,879	2,089	1,860	2,201	1,714		5,007,264
Sex										
Both sexes	718,239	21,536	1,065,224	9,357,196	3,315	14,633	24,104	5,728	4,095	11,214,069
Male	418,028	14,383	639,163	4,181,004	1,100	9,762	20,198	3,375	4,095	5,291,108
Female	300,211	7,152	426,060	5,176,192	2,215	4,871	3,906	2,353		5,922,961
Region										
All regions	718,239	21,536	1,065,224	9,357,196	3,315	14,633	24,104	5,728	4,095	11,214,069
Western	26,306	1,302	96,028	660,412					834	784,883
Central	76,740	739	83,244	859,693	915	2,987	5,696			1,030,014
Greater Accra	160,750	5,545	488,028	1,325,080		9,009	12,277	2,834	3,261	2,006,783
Volta	50,830	2,570	35,631	508,160			528	956		598,675
Eastern	62,580	2,095	76,102	951,193	609	534	538	1,938		1,095,588
Ashanti	140,223	5,376	162,073	1,546,369		821	3,027			1,857,890
Western North	20,235	851	9,075	300,352			216			330,729
Ahafo	8,029		14,151	196,596		330				219,106
Bono	30,888		33,944	405,293			963			471,087
Bono East	22,422	440	18,799	468,030						509,691
Oti	9,990		5,421	315,919			570			331,900
Northern	38,124	1,354	16,723	711,754		468				768,423
Savannah	7,798	174	3,693	206,011	126					217,802
North East	8,838	219	3,240	218,430			162			230,889
Upper East	27,479	390	11,826	415,956	825	348				456,825
Upper West	27,005	482	7,246	267,947	840	137	127			303,785
Quarter 2										

Characteristics	Public (Government)	Semi-public/Parastatals	Private Formal	Private Informal	Local NGO/CSO	International NGO/CSO	Religious Organisation (Local)	Religious Organisational (International)	International Organisation	Total
Locality Type										
All locality types	649,566	34,698	972,050	8,962,618	4,451	7,449	17,694	5,044	2,734	10,656,305
Urban	513,972	31,716	777,521	4,508,984	2,165	6,608	14,401	4,518	2,734	5,862,619
Rural	135,594	2,983	194,529	4,453,634	2,286	841	3,293	526		4,793,686
Sex										
Both sexes	649,566	34,698	972,050	8,962,618	4,451	7,449	17,694	5,044	2,734	10,656,305
Male	376,509	25,419	583,643	3,970,254	1,683	3,006	16,313	2,658	2,734	4,982,219
Female	273,056	9,279	388,407	4,992,364	2,768	4,443	1,381	2,387		5,674,085
Region										
All regions	649,566	34,698	972,050	8,962,618	4,451	7,449	17,694	5,044	2,734	10,656,305
Western	27,365	1,440	77,578	616,202					821	723,407
Central	66,527	1,717	71,462	857,414	1,620	3,349	5,189			1,007,278
Greater Accra	147,582	15,088	435,951	1,271,262		2,428	4,962	2,913	1,914	1,882,099
Volta	42,259	794	29,864	486,291	566			522		560,296
Eastern	69,558	2,771	81,499	928,306	928		3,140			1,086,202
Ashanti	115,549	7,840	131,216	1,475,810		1,251	3,200	1,115		1,735,981
Western North	19,653	559	13,355	297,340			499			331,405
Ahafo	8,924	395	14,145	177,130						200,593
Bono	26,271		36,013	392,114				470		454,868
Bono East	19,738	604	18,702	441,509	395		468			481,417
Oti	7,832	505	5,264	291,676		263	236			305,776
Northern	36,693	1,245	21,017	715,862	879					775,695
Savannah	7,023	153	4,985	224,609						236,770
North East	8,282		2,865	193,912						205,058
Upper East	24,527	1,247	15,037	335,253						376,065
Upper West	21,783	342	13,097	257,928	63	158		24		293,394

TABLE 5.8: MAIN OCCUPATION OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY AND SEX

Main occupation	Quarter 1								
	All locality types			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total	11,214,069	5,291,108	5,922,961	6,206,805	2,817,083	3,389,722	5,007,264	2,474,025	2,533,238
Managers	5,530	5,267	263	5,530	5,267	263	38,299	21,161	17,138
Professionals	229,175	138,607	90,568	190,876	117,446	73,430	127,479	74,368	53,110
Technicians and associate professionals	635,800	337,338	298,463	508,322	262,969	245,353	32,733	23,910	8,823
Clerical support workers	191,827	136,512	55,314	159,094	112,603	46,491	33,835	22,461	11,374
Service and sales workers	200,209	119,560	80,650	166,374	97,099	69,276	763,238	116,541	646,697
Skilled agricultural, forestry	3,080,049	605,959	2,474,091	2,316,811	489,418	1,827,394	3,047,518	1,633,768	1,413,750
Craft and related trades workers	3,948,013	2,140,937	1,807,076	900,495	507,169	393,325	483,977	230,900	253,077
Plant and machine operators	1,587,700	875,040	712,659	1,103,723	644,141	459,582	202,456	195,141	7,315
Elementary occupations	545,664	529,184	16,481	343,208	334,043	9,166	277,730	155,776	121,953
Other occupations	790,101	402,705	387,396	512,371	246,928	265,443	0	0	0

TABLE 5.9: FEMALE SHARE OF MANAGERIAL POSITION IN THE FORMAL SECTOR AMONG THE EMPLOYED POPULATION 15 YEARS AND OLDER

Region	All locality types				Urban				Rural			
	Both sexes	Male	Female	% Female	Both sexes	Male	Female	% Female	Both sexes	Male	Female	% Female
All regions	123,508	94,149	29,359	23.8	107,579	80,627	26,952	25.1	15,928	13,521	2,407	15.1
Western	3,533	3,533			1,953	1,953			1,581	1,581		
Central	10,918	8,312	2,606	23.9	8,955	6,349	2,606	29.1	1,963	1,963		
Greater Accra	70,574	52,554	18,020	25.5	65,945	49,057	16,888	25.6	4,629	3,497	1,133	24.5
Volta	2,961	2,138	823	27.8	2,961	2,138	823	27.8				
Eastern	7,440	6,188	1,252	16.8	6,090	4,838	1,252	20.6	1,350	1,350		
Ashanti	13,756	9,546	4,209	30.6	9,495	6,208	3,288	34.6	4,260	3,338	922	21.6
Western North	1,011	774	237	23.5	1,011	774	237	23.5				
Ahafo	1,401	1,401		0	1,251	1,251			150	150		
Bono	2,422	1,426	996	41.1	2,020	1,024	996	49.3	402	402		
Bono East	1,660	835	825	49.7	1,308	835	472	36.1	352		352	100
Oti	308	308			308	308						
Northern	3,039	3,039			2,407	2,407			631	631		
Savannah	937	546	391	41.7	937	546	391	41.7				
North East	811	811			557	557			254	254		
Upper East	889	889			889	889						
Upper West	1,848	1,848			1,493	1,493			355	355		

TABLE 5.10: MAIN INDUSTRY OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY TYPE OF LOCALITY AND SEX

Main industry	Quarter 1								
	Total			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All Industry	11,214,069	5,291,108	5,922,961	6,206,805	2,817,083	3,389,722	5,007,264	2,474,025	2,533,238
Agriculture, forestry and fishing	4,144,294	2,269,364	1,874,930	983,392	564,049	419,343	3,160,902	1,705,315	1,455,587
Mining and quarrying	137,027	114,874	22,153	58,301	50,871	7,430	78,726	64,002	14,724
Manufacturing	1,211,667	440,230	771,436	837,995	331,854	506,141	373,672	108,376	265,296
Electricity, gas, steam and air conditioning supply	19,500	15,865	3,635	12,618	9,673	2,945	6,882	6,192	690
Water supply, sewerage, waste management	32,158	16,142	16,016	25,753	11,239	14,514	6,405	4,903	1,502
Construction	539,951	523,419	16,532	367,451	353,616	13,836	172,499	169,803	2,696
Wholesale and retail trade	2,360,761	555,314	1,805,447	1,830,476	456,589	1,373,886	530,286	98,724	431,561
Transportation and storage	446,423	430,487	15,936	303,477	288,801	14,677	142,946	141,686	1,259
Accommodation and food service activities	554,183	52,688	501,495	364,884	45,045	319,839	189,299	7,643	181,656
Information and communication	32,468	28,134	4,334	25,107	21,514	3,592	7,361	6,619	742
Financial and insurance activities	132,714	56,497	76,217	116,930	48,081	68,849	15,784	8,416	7,368
Real estate activities	7,568	7,568		7,568	7,568				
Professional, scientific and technical activities	114,702	70,041	44,661	94,717	60,280	34,437	19,985	9,761	10,224
Administrative and support service activities	103,514	73,904	29,610	85,524	65,774	19,750	17,989	8,129	9,860
Public administration and defence	125,288	86,085	39,203	108,610	75,248	33,361	16,678	10,836	5,842
Education	493,668	242,057	251,610	382,614	181,359	201,255	111,054	60,698	50,356
Human health and social work activities	179,992	69,586	110,406	147,746	54,767	92,979	32,246	14,819	17,427
Arts, entertainment and recreation	78,214	67,677	10,537	67,715	57,179	10,537	10,498	10,498	
Other service activities	377,599	135,586	242,013	292,378	108,579	183,799	85,221	27,007	58,214
Activities of households as employers	121,520	34,758	86,762	92,691	24,163	68,529	28,829	10,595	18,234
Activities of extraterritorial Organisations and bodies	858	834	24	858	834	24			

Main industry	Total			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Quarter 2								
All Industry	10,656,305	4,982,219	5,674,085	5,862,619	2,631,009	3,231,609	4,793,686	2,351,210	2,442,476
Agriculture, forestry and fishing	4,090,699	2,182,159	1,908,540	983,477	543,123	440,354	3,107,222	1,639,036	1,468,186
Mining and quarrying	129,198	111,563	17,635	52,725	48,104	4,620	76,473	63,458	13,015
Manufacturing	1,086,170	378,672	707,499	747,351	287,145	460,206	338,819	91,527	247,292
Electricity, gas, steam and air conditioning supply	26,732	22,022	4,710	21,259	16,549	4,710	5,473	5,473	
Water supply, sewerage, waste management	33,711	24,174	9,537	28,390	19,845	8,545	5,322	4,329	992
Construction	484,838	478,784	6,055	344,738	341,858	2,880	140,100	136,926	3,174
Wholesale and retail trade	2,211,623	490,890	1,720,733	1,719,923	403,131	1,316,792	491,700	87,759	403,941
Transportation and storage	432,819	417,280	15,540	303,741	288,201	15,540	129,078	129,078	
Accommodation and food service activities	512,550	49,237	463,313	374,358	42,066	332,292	138,192	7,171	131,021
Information and communication	31,357	19,210	12,147	25,966	15,893	10,072	5,391	3,317	2,074
Financial and insurance activities	105,669	46,815	58,854	90,934	43,188	47,746	14,735	3,626	11,109
Real estate activities	8,183	6,553	1,630	7,197	5,567	1,630	986	986	
Professional, scientific and technical activities	78,614	55,754	22,860	63,458	46,778	16,680	15,156	8,976	6,180
Administrative and support service activities	102,838	66,237	36,602	87,219	54,832	32,386	15,620	11,404	4,215
Public administration and defence	132,723	90,544	42,180	111,330	75,324	36,007	21,393	15,220	6,173
Education	470,433	232,581	237,853	358,945	164,381	194,564	111,489	68,200	43,289
Human health and social work activities	155,806	60,774	95,032	127,134	47,455	79,679	28,672	13,318	15,353
Arts, entertainment and recreation	74,508	60,674	13,834	62,837	50,626	12,211	11,671	10,048	1,623
Other service activities	384,731	147,407	237,324	298,267	113,018	185,249	86,464	34,390	52,075
Activities of households as employers	102,280	40,070	62,210	52,550	23,104	29,447	49,729	16,967	32,763
Activities of extraterritorial Organisations and bodies	821	821		821	821				

TABLE 5.11: MAIN INDUSTRY OF CURRENTLY EMPLOYED POPULATION 15 YEARS AND OLDER BY REGION

Main industry	Quarter 1																
	Region																Upper West
	All regions	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	
Total	11,214,069	784,883	1,030,014	2,006,783	598,675	1,095,588	1,857,890	330,729	219,106	471,087	509,691	331,900	768,423	217,802	230,889	456,825	303,785
Agriculture, forestry and fishing	4,144,294	290,885	365,691	61,694	208,195	388,831	467,299	229,122	134,546	279,188	302,501	239,199	436,797	155,707	169,446	248,421	166,772
Mining and quarrying	137,027	45,413	10,580	6,986	7,578	5,951	35,374	3,984	4,282	549	2,081		627		204	11,129	2,289
Manufacturing	1,211,667	114,341	126,461	272,580	77,035	118,624	200,342	19,432	15,225	30,252	44,964	22,714	55,458	15,880	12,917	48,929	36,512
Electricity, gas, steam and air conditioning supply	19,500	2,874		7,635	1,780	852	4,146	491		574			690	348			110
Water supply, sewerage, waste management	32,158	2,084	2,882	12,723	1,469	849	6,823	237	163	1,203	399	246	569		124	536	1,851
Construction	539,951	25,337	43,711	143,141	34,636	68,912	106,347	6,060	5,057	15,964	13,113	6,945	25,693	4,069	3,804	21,045	16,116
Wholesale and retail trade	2,360,761	108,077	201,832	705,081	106,428	244,581	529,906	33,636	24,166	57,395	81,349	28,913	123,108	20,462	21,320	52,437	22,070
Transportation and storage	446,423	30,800	30,252	126,515	26,994	47,984	91,691	4,935	6,034	12,206	10,334	6,347	21,185	3,034	2,802	14,117	11,195
Accommodation and food service activities	554,183	57,824	56,311	122,184	41,878	82,044	76,100	9,318	9,243	20,061	15,120	10,184	29,527	5,619	2,337	10,329	6,104
Information and communication	32,468	2,211	4,049	13,546	612	2,391	3,822			1,035	1,100	308	1,689		614	467	624
Financial and insurance activities	132,714	9,350	9,210	49,658	5,096	14,442	28,989	700	705	3,374	2,729	1,337	2,044	725		1,633	2,723
Real estate activities	7,568			5,484				245					1,653			122	64
Professional, scientific and technical activities	114,702	3,562	12,090	51,598	6,162	9,686	17,234	1,177	208	2,973	1,787	801	2,829	201	750	1,131	2,513
Administrative and support service activities	103,514	8,775	6,712	43,981	3,181	6,932	19,589	656	890	1,287	912	1,109	2,533	194	1,633	2,930	2,199
Public administration and defence	125,288	3,104	15,550	51,064	3,534	8,423	15,111	2,191	1,052	6,032	3,591	801	3,159	1,477	1,030	4,534	4,634
Education	493,668	24,209	63,684	116,502	32,558	38,208	90,966	8,719	7,613	16,101	12,846	6,692	33,977	5,470	5,934	14,545	15,643
Human health and social work activities	179,992	12,728	17,017	48,032	14,701	12,253	34,165	3,230	2,556	6,040	4,302	676	8,448	1,937	2,579	6,608	4,721
Arts, entertainment and recreation	78,214	2,174	13,577	24,511	7,322	2,852	16,667	1,503	1,614	1,200	3,361	269	598		634	1,930	
Other service activities	377,599	19,961	34,615	118,697	16,745	32,509	83,632	4,159	4,868	12,294	6,853	3,436	16,742	2,679	3,937	10,402	6,072
Activities of households as employers	121,520	20,339	15,790	25,170	2,770	9,264	29,686	936	882	3,361	2,351	1,923	1,098		823	5,581	1,548
Activities of extraterritorial Organisations and bodies	858	834															24
Quarter 2																	
Total	10,656,305	723,407	1,007,278	1,882,099	560,296	1,086,202	1,735,981	331,405	200,593	454,868	481,417	305,776	775,695	236,770	205,058	376,065	293,394
Agriculture, forestry and fishing	4,090,699	225,570	368,317	64,495	220,929	379,946	522,261	231,401	122,653	280,234	279,872	224,207	490,587	174,375	145,983	192,981	166,889
Mining and quarrying	129,198	32,715	10,000	8,805	4,266	11,957	36,247	5,267	3,525	537	725	402	624	283	172	10,686	2,987
Manufacturing	1,086,170	112,354	113,512	235,470	58,633	134,302	150,477	16,065	16,384	28,292	40,059	17,430	47,328	15,380	9,742	51,611	39,129

Main industry	Region																
	All regions	Western	Central	Greater Accra	Volta	Eastern	Ashanti	Western North	Ahafo	Bono	Bono East	Oti	Northern	Savannah	North East	Upper East	Upper West
Electricity, gas, steam and air conditioning supply	26,732	1,267	1,676	10,664	634	1,658	7,203	483	258	474		236	823	176	212	870	99
Water supply, sewerage, waste management	33,711	1,858	2,388	16,087	550	2,424	4,069	974		1,495			1,389			928	1,550
Construction	484,838	30,590	42,086	150,272	29,902	64,383	91,092	3,281	3,000	10,385	12,459	5,867	16,335	2,756	2,928	9,943	9,559
Wholesale and retail trade	2,211,623	117,606	206,895	657,658	98,915	230,776	460,394	38,352	23,987	52,582	84,581	25,552	105,203	20,097	25,467	42,546	21,013
Transportation and storage	432,819	39,982	35,756	129,080	24,484	44,590	77,473	6,159	7,689	12,128	10,291	4,186	16,297	3,505	3,029	12,095	6,075
Accommodation and food service activities	512,550	55,641	45,227	118,127	37,933	70,905	78,234	6,463	5,600	16,664	16,089	9,251	30,076	6,418	2,431	7,071	6,421
Information and communication	31,357	1,980	2,891	14,194	610		6,839	269		1,958					539	1,206	871
Financial and insurance activities	105,669	7,119	11,029	43,728	3,763	7,907	19,957	653	688	3,548	2,116	1,187	613		160		3,201
Real estate activities	8,183		587	6,438						353			805				
Professional, scientific and technical activities	78,614	4,954	5,955	30,318	2,191	9,188	11,976	1,300	653	1,443	786	645	1,507		592	2,635	4,471
Administrative and support service activities	102,838	5,511	7,551	42,474	2,554	8,334	14,019	2,356	461	3,859	2,699	603	4,905	885	1,142	3,935	1,548
Public administration and defence	132,723	5,902	16,402	47,467	7,823	16,627	15,278	1,250	1,153	4,140	4,786	345	2,255	2,133	990	2,333	3,838
Education	470,433	22,500	54,621	103,979	30,910	37,125	87,487	9,062	7,534	18,002	12,439	7,670	34,893	4,965	5,383	17,640	16,223
Human health and social work activities	155,806	16,263	16,415	41,241	11,769	10,811	22,169	2,984	1,841	6,872	3,663	263	7,570	1,832	2,276	6,307	3,532
Arts, entertainment and recreation	74,508	3,539	16,924	17,539	4,843	4,655	16,837	1,815	1,931	391	2,030	1,143	1,380	802	265	415	
Other service activities	384,731	22,840	38,952	123,692	13,301	39,293	84,526	2,809	2,220	10,164	6,863	5,553	12,300	3,164	3,459	9,684	5,913
Activities of households as employers	102,280	14,394	10,096	20,370	6,288	11,320	29,443	462	664	1,699	1,958	1,236	805		289	3,180	75
Activities of extraterritorial Organisations and bodies	867	843															24

TABLE 5.12: UNEMPLOYED PERSONS 15 YEARS AND OLDER BY REGION, TYPE OF LOCALITY AND SEX

Quarter 1									
Region	Total			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All regions	1,729,383	605,587	1,123,796	1,150,628	405,647	744,982	578,755	199,940	378,814
Western	118,806	48,038	70,767	84,579	36,021	48,558	34,226	12,017	22,209
Central	158,388	53,914	104,474	110,096	40,755	69,341	48,292	13,159	35,133
Greater Accra	430,926	153,063	277,863	398,519	144,125	254,395	32,407	8,939	23,468
Volta	95,009	29,782	65,228	44,805	15,773	29,032	50,204	14,009	36,195
Eastern	159,851	57,165	102,686	75,497	27,356	48,140	84,354	29,809	54,545
Ashanti	309,371	105,607	203,764	219,168	70,107	149,060	90,203	35,499	54,704
Western North	33,370	12,194	21,176	12,413	4,199	8,214	20,957	7,995	12,963
Ahafo	26,378	8,482	17,896	16,118	6,378	9,741	10,259	2,105	8,155
Bono	54,385	20,727	33,658	37,028	15,694	21,333	17,357	5,033	12,324
Bono East	34,576	12,907	21,670	26,588	10,745	15,843	7,988	2,161	5,827
Oti	18,940	4,245	14,696	8,544	1,321	7,224	10,396	2,924	7,472
Northern	135,625	41,071	94,555	60,581	14,364	46,218	75,044	26,707	48,337
Savannah	36,000	8,849	27,152	17,192	4,827	12,364	18,809	4,021	14,787
North East	23,681	8,527	15,154	11,162	4,243	6,920	12,519	4,285	8,234
Upper East	63,199	29,849	33,351	16,687	6,602	10,084	46,513	23,246	23,266
Upper West	30,876	11,167	19,709	11,651	3,136	8,515	19,225	8,032	11,194
Quarter 2									
All regions	1,727,437	709,603	1,017,833	1,092,363	463,036	629,327	635,073	246,567	388,506
Western	94,634	50,769	43,864	44,563	24,334	20,230	50,070	26,436	23,635
Central	131,010	51,400	79,610	87,543	33,213	54,330	43,467	18,187	25,280
Greater Accra	392,473	176,582	215,890	356,442	164,758	191,683	36,031	11,824	24,207
Volta	79,995	31,700	48,296	41,510	19,475	22,036	38,485	12,225	26,260
Eastern	152,705	54,443	98,262	71,431	30,169	41,262	81,274	24,274	57,000
Ashanti	444,355	173,701	270,654	316,254	128,702	187,552	128,102	45,000	83,102

Region	Total			Urban			Rural		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Western North	30,291	13,154	17,137	7,094	2,764	4,330	23,197	10,390	12,807
Ahafo	17,959	7,172	10,788	7,604	2,524	5,080	10,356	4,648	5,708
Bono	76,312	29,403	46,909	36,748	13,448	23,300	39,564	15,956	23,608
Bono East	31,840	10,926	20,914	17,859	5,686	12,173	13,981	5,240	8,740
Oti	25,934	12,398	13,536	9,108	5,364	3,744	16,825	7,034	9,791
Northern	110,798	40,631	70,167	55,120	17,260	37,859	55,678	23,370	32,308
Savannah	22,960	7,482	15,478	13,663	4,577	9,086	9,297	2,905	6,393
North East	15,854	6,341	9,513	4,906	1,360	3,546	10,948	4,981	5,967
Upper East	61,117	27,434	33,683	15,642	6,138	9,504	45,475	21,296	24,179
Upper West	39,201	16,067	23,133	6,879	3,267	3,612	32,322	12,801	19,521

TABLE 5.13: UNEMPLOYMENT RATE OF PERSONS 15 YEARS AND OLDER BY REGION, TYPE OF LOCALITY AND SEX

Quarter 1										
Region	Total			Urban			Rural			
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	
All regions	13.4	10.3	15.9	15.6	12.6	18	10.4	7.5	13	
Western	13.1	11.3	14.8	18.7	18.1	19.1	7.6	5.3	9.8	
Central	13.3	10.4	15.5	16.7	14.5	18.3	9.1	5.6	12	
Greater Accra	17.7	14.1	20.6	17.8	14.5	20.5	16.2	9.8	21.6	
Volta	13.7	10.1	16.4	15.4	13.1	17	12.5	8	15.9	
Eastern	12.7	10.3	14.6	12	10.1	13.6	13.4	10.6	15.8	
Ashanti	14.3	10.8	17.1	15.7	11.8	18.6	11.7	9.4	13.9	
Western North	9.2	6.8	11.4	11.9	9.3	13.8	8.1	6	10.2	
Ahafo	10.7	7.3	13.8	13.4	12.1	14.4	8.2	3.3	13.2	
Bono	10.3	8.9	11.5	12.5	12.9	12.2	7.6	4.5	10.4	
Bono East	6.4	4.8	7.8	10.4	9	11.6	2.8	1.5	4.1	
Oti	5.4	2.4	8.5	7.4	2.3	12.4	4.4	2.4	6.5	
Northern	15	9.9	19.4	14.1	7.5	19.4	15.9	12	19.4	
Savannah	14.2	7.2	20.6	23.5	14.1	31.7	10.4	4.6	16	
North East	9.3	7.1	11.2	13.8	11.6	15.6	7.2	5.2	9.1	
Upper East	12.2	11.9	12.4	12.8	11.2	14.1	11.9	12.1	11.8	
Upper West	9.2	6.7	11.7	13.8	7.5	19.9	7.7	6.4	9	
Quarter 2										
All regions	13.9	12.5	15.2	15.7	12.6	18	11.7	9.5	13.7	
Western	11.6	13	10.2	18.7	18.1	19.1	13	13.7	12.3	
Central	11.5	10.3	12.5	16.7	14.5	18.3	8.8	8.2	9.3	
Greater Accra	17.3	17.1	17.4	17.8	14.5	20.5	19.8	14.1	24.7	
Volta	12.5	11.2	13.5	15.4	13.1	17	10.1	7.1	12.6	
Eastern	12.3	9.9	14.3	12	10.1	13.6	13.3	8.8	17	
Ashanti	20.4	17.6	22.6	15.7	11.8	18.6	14.7	10.7	18.5	

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Western North	8.4	7.4	9.3	11.9	9.3	13.8	8.9	7.7	10.1
Ahafo	8.2	6.9	9.4	13.4	12.1	14.4	9.3	8.1	10.4
Bono	14.4	12.8	15.5	12.5	12.9	12.2	16.3	14.1	18.2
Bono East	6.2	4.3	8	10.4	9	11.6	5.2	3.8	6.7
Oti	7.8	7.4	8.3	7.4	2.3	12.4	7.4	6.1	8.8
Northern	12.5	9.6	15.2	14	7.5	19.4	11.5	9.8	13.1
Savannah	8.8	5.9	11.7	23.5	14.1	31.7	5	3	6.9
North East	7.2	6.1	8.1	13.8	11.6	15.6	7.1	6.7	7.4
Upper East	14	13.4	14.5	12.8	11.2	14.1	14.3	14.2	14.5
Upper West	11.8	10.3	13.1	13.8	7.5	19.9	12.8	11	14.4

TABLE 5.14: UNEMPLOYMENT RATE OF PERSONS 15 YEARS AND OLDER BY AGE GROUP, TYPE OF LOCALITY AND SEX

Quarter 1										
Age group	All locality types			Urban			Rural			
	Total	Male	Female	Total	Male	Female	Total	Male	Female	
Total	13.4	10.3	15.9	15.6	12.6	18	14.2	12.8	15.9	
15-19	18.4	17.7	19.2	25.6	27.4	24	19.9	15.4	24.8	
20-24	28.2	24.7	31.5	35.8	34.7	36.7	16.1	10.1	21.5	
25-29	23.7	18.5	27.7	28.9	25.2	31.6	11.6	7.1	15.1	
30-34	14.5	8.9	18.7	16.3	10.1	20.7	6.9	4.6	8.6	
35-39	8.2	4.6	11	8.9	4.6	12.4	6	3.1	8.2	
40-44	8.4	4.5	11.5	10	5.4	13.7	4.6	1.4	7.4	
45-49	4.7	2.1	7.1	4.8	2.7	6.8	4	2.6	5.3	
50-54	4.5	3	5.8	4.9	3.3	6.2	3.3	1.9	4.5	
55-59	4	3.7	4.2	4.5	5.2	4.1	4.6	4.2	5	
60-64	5.7	5.4	5.9	6.6	6.6	6.5	8	6.9	9.2	
65+	9.6	8.3	10.8	11.2	10.1	12	10.4	7.5	13	
Quarter 2										
Total	13.9	12.5	15.2	15.7	15	16.3	11.7	9.5	13.7	
15-19	21.7	18.7	24.9	28.7	29.7	27.8	17.8	13.7	22.9	
20-24	26.8	23.1	30.4	31.3	27.6	34.3	22.1	19.2	25.5	
25-29	19.1	15.3	22.1	22.2	18.5	24.9	15	11.4	18.1	
30-34	11.3	8.7	13.2	11.9	10	13.3	10.3	6.8	13	
35-39	10.5	11.2	9.9	12.5	13.9	11.2	7.2	6.5	7.8	
40-44	9.1	8.7	9.5	10.7	9.9	11.4	7	6.8	7.1	
45-49	7.3	7.3	7.3	7.8	8.5	7.1	6.6	5.5	7.6	
50-54	7.6	7.6	7.6	8.6	9.5	7.9	6.2	5.3	7	
55-59	8	6.3	9.3	8.6	7.2	9.8	7	5.1	8.7	
60-64	13.7	13.3	14	17.5	20.2	15.3	9	5.3	12.4	
65+	17.7	14.8	20.3	21.9	22.4	21.6	13	7.2	18.9	

TABLE 5.15: UNEMPLOYMENT RATE OF PERSONS 15 YEARS AND OLDER BY EDUCATIONAL LEVEL, TYPE OF LOCALITY AND SEX

Educational attainment	Quarter 1								
	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	13.4	10.3	15.9	15.6	12.6	18	10.4	7.5	13
No education	9.9	5.4	12.1	12.7	6.4	15.1	8.4	5	10.3
Nursery	17.1	7.6	20.2	24.5	16.9	26.8	10.4	0	14.1
Kindergarten	13.9	21.7	11.4	21.6	0	25.5	11.3	25.7	5.6
Primary	11.2	8.3	13.2	14.6	12.2	15.8	8.4	6	10.5
JSS/JHS	13.3	8.7	17	14.4	10.1	17.4	11.9	7.2	16.4
Middle	5.3	4.1	6.5	5.4	4.1	6.5	5.1	4.2	6.4
SSS/SHS	21.5	18.4	25.2	23.2	20.2	26.6	17.7	14.8	21.9
Secondary	10.2	8.1	12.6	11.3	9.2	13.1	6.3	5.5	8.6
Vocational/ Technical/ Commercial	10.1	11.1	9.2	10.9	14.7	7.9	7.6	2.3	14.5
Post-middle/secondary certificate	9.9	4.4	13.2	10	5	13.1	7.8	0	15.1
Post-middle/secondary diploma	16.7	10.3	23	18.1	12.3	22.4	11.4	6.6	28
Tertiary - HND	18.6	13.3	24.9	19.8	13.3	26.8	13.3	13.4	13
Tertiary - Bachelor's Degree	18.2	14.8	22.9	19.2	15.6	24.2	12.7	10.9	15.6
Tertiary - Post graduate certificate	14.5	7.3	21.4	16.5	6.7	24.4	7.3	8.9	4.2
Tertiary - Master's Degree	11.6	7.6	22.2	13.1	9	23.8	2.9	0	11.8
Tertiary - PhD	8.7	0	21.1	13.7	0	34.4	0	0	0
Other	9.5	1.5	27.5	10.5	1.6	30.7	0	0	0
Quarter 2									
Total	13.9	12.4	15.2	15.7	14.9	16.3	11.7	9.5	13.7
No education	25.2	29.3	23	35.4	46.4	29.9	18.8	19.7	18.3
Nursery	61.4	79.3	43.2	77.2	100	63	41.6	64.1	0
Kindergarten	9.2	27.8	1.4	29.2	46.8	0	1.4	0	1.6
Primary	8.6	6.4	10	11	8.3	12.3	6.6	5.3	7.7
JSS/JHS	10.1	7.3	12.4	10.7	7.9	12.8	9.3	6.7	11.9

Educational attainment	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Middle	8	6.7	9.2	9.4	9.3	9.6	5.5	3.3	8.6
SSS/SHS	15.5	13.2	18.4	16.5	15	18.3	13.3	9.7	18.6
Secondary	15.1	14.6	15.7	16.4	17.2	15.6	9.3	7.3	17.3
Vocational/ Technical/ Commercial	8.5	8.8	8.3	9.8	11.4	8.9	4	3	5.4
Post-middle/secondary certificate	6.7	1.9	12.3	9	2.4	17.4	0	0	0
Post-middle/secondary diploma	9.2	10.9	8.1	10.9	19.5	7.2	4.7	0	12
Tertiary - HND	10.5	9.1	12.6	11.2	10.2	12.6	6.5	4.1	12.7
Tertiary - Bachelor's Degree	10.5	8.2	13.7	11.2	9	14.2	7.2	5	11.3
Tertiary - Post graduate certificate	9.4	6.4	12.4	9.3	5.8	12.5	9.4	7.8	11.7
Tertiary - Master's Degree	16.5	19.4	7.1	19.1	23.7	5.4	3.4	0	18.7
Tertiary - PhD	0	0	0	0	0	0	0	0	0
Other	4.4	0	11.2	0	0	0	13.4	0	25.6

TABLE 5.16: EMPLOYED POPULATION 15 YEARS AND OLDER IN THE INFORMAL SECTOR BY REGION, TYPE OF LOCALITY AND SEX

Quarter 1										
Region	All locality types			Urban			Rural			
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	
All regions	9,357,196	4,181,004	5,176,192	4,695,317	1,918,531	2,776,786	4,661,879	2,262,473	2,399,406	
Western	660,412	298,682	361,730	294,125	120,787	173,339	366,286	177,896	188,391	
Central	859,693	363,851	495,842	419,344	167,094	252,250	440,349	196,758	243,592	
Greater Accra	1,325,080	506,128	818,952	1,201,743	448,539	753,204	123,337	57,589	65,748	
Volta	508,160	215,874	292,286	181,319	70,822	110,497	326,842	145,052	181,789	
Eastern	951,193	410,735	540,458	443,271	179,071	264,200	507,922	231,664	276,259	
Ashanti	1,546,369	699,751	846,618	929,016	390,665	538,351	617,353	309,086	308,267	
Western North	300,352	145,909	154,443	73,101	29,741	43,360	227,252	116,169	111,083	
Ahafo	196,596	94,715	101,881	89,394	38,539	50,855	107,202	56,176	51,026	
Bono	405,293	178,087	227,206	209,410	82,157	127,252	195,884	95,930	99,954	
Bono East	468,030	226,865	241,165	195,982	86,969	109,013	272,048	139,896	132,152	
Oti	315,919	162,117	153,802	96,329	48,042	48,287	219,590	114,075	105,515	
Northern	711,754	339,252	372,501	324,231	149,412	174,819	387,523	189,840	197,683	
Savannah	206,011	105,511	100,500	46,213	22,536	23,676	159,799	82,975	76,824	
North East	218,430	101,775	116,656	59,064	24,808	34,256	159,367	76,967	82,400	
Upper East	415,956	196,174	219,782	84,176	35,420	48,756	331,780	160,754	171,026	
Upper West	267,947	135,577	132,370	48,602	23,930	24,673	219,345	111,647	107,698	
Quarter 2										
All regions	8,962,618	3,970,254	4,992,364	4,508,984	1,828,279	2,680,705	4,453,634	2,141,975	2,311,658	
Western	616,202	273,091	343,110	325,610	136,627	188,983	290,592	136,464	154,128	
Central	857,414	359,631	497,784	440,215	177,184	263,031	417,199	182,447	234,752	
Greater Accra	1,271,262	477,440	793,822	1,161,932	424,483	737,449	109,330	52,956	56,374	
Volta	486,291	211,898	274,393	164,337	64,541	99,796	321,954	147,357	174,598	
Eastern	928,306	396,579	531,727	441,081	170,629	270,452	487,225	225,950	261,275	
Ashanti	1,475,810	671,230	804,580	796,736	331,634	465,103	679,074	339,597	339,477	

Region	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Western North	297,340	143,320	154,019	71,494	27,827	43,667	225,846	115,494	110,352
Ahafo	177,130	83,650	93,479	84,063	35,866	48,197	93,067	47,784	45,283
Bono	392,114	167,328	224,786	203,390	79,042	124,347	188,724	88,285	100,439
Bono East	441,509	218,836	222,673	202,115	95,919	106,196	239,394	122,917	116,477
Oti	291,676	146,921	144,755	86,168	41,701	44,467	205,508	105,220	100,288
Northern	715,862	348,086	367,776	298,519	140,804	157,714	417,343	207,282	210,062
Savannah	224,609	111,473	113,136	48,403	20,151	28,252	176,206	91,322	84,883
North East	193,912	88,994	104,917	52,703	21,892	30,811	141,209	67,102	74,107
Upper East	335,253	153,337	181,916	82,117	36,983	45,135	253,136	116,355	136,781
Upper West	257,928	118,439	139,489	50,102	22,995	27,106	207,827	95,444	112,383

TABLE 5.17: EMPLOYED POPULATION 15 YEARS AND OLDER IN THE INFORMAL SECTOR BY EMPLOYMENT STATUS, TYPE OF LOCALITY AND SEX

Employment status	Quarter 1								
	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	9,357,196	4,181,004	5,176,192	4,695,317	1,918,531	2,776,786	4,661,879	2,262,473	2,399,406
Paid employee	831,871	556,218	275,652	574,583	366,558	208,026	257,287	189,661	67,627
Casual worker	363,787	257,572	106,215	218,868	148,859	70,009	144,919	108,713	36,206
Paid apprentice	62,248	56,359	5,889	40,616	35,558	5,058	21,632	20,802	830
Unpaid apprentice	55,780	23,759	32,021	37,192	14,720	22,472	18,589	9,040	9,549
Non-agric self-employed with employees	393,727	206,648	187,079	305,016	153,804	151,211	88,712	52,844	35,867
Non-agric self-employed without employees	3,296,006	880,028	2,415,978	2,371,718	637,592	1,734,125	924,288	242,435	681,853
Non-agric contributing family	376,260	105,605	270,655	227,120	73,569	153,552	149,139	32,036	117,103
Agric-self-employed with employees	198,331	140,842	57,489	57,448	37,229	20,219	140,883	103,613	37,269
Agric self-employed without employees	2,204,823	1,362,306	842,517	533,806	316,905	216,902	1,671,017	1,045,402	625,615
Agric contributing family work	1,504,956	564,223	940,734	278,650	111,900	166,750	1,226,307	452,323	773,984
Domestic workers	44,609	12,196	32,413	31,432	8,532	22,900	13,178	3,665	9,513
Other	24,797	15,247	9,551	18,868	13,306	5,562	5,929	1,940	3,989
Quarter 2									
Total	8,962,618	3,970,254	4,992,364	4,508,984	1,828,279	2,680,705	4,453,634	2,141,975	2,311,658
Paid employee	831,459	572,860	258,600	586,116	385,966	200,150	245,343	186,894	58,450
Casual worker	347,980	262,201	85,779	223,158	160,769	62,388	124,822	101,431	23,391
Paid apprentice	56,225	47,478	8,747	31,361	25,765	5,597	24,864	21,713	3,150
Unpaid apprentice	47,484	23,848	23,636	27,586	13,255	14,331	19,898	10,593	9,305
Non-agric self-employed with employees	387,685	188,751	198,934	302,285	143,528	158,757	85,400	45,223	40,177
Non-agric self-employed without employees	3,080,319	764,054	2,316,265	2,257,015	568,242	1,688,773	823,304	195,812	627,492
Non-agric contributing family	287,297	73,969	213,328	185,090	48,488	136,603	102,207	25,481	76,726
Agric-self-employed with employees	153,338	110,366	42,972	52,201	37,407	14,795	101,136	72,959	28,177
Agric self-employed without employees	2,328,956	1,415,342	913,614	559,204	337,378	221,826	1,769,752	1,077,964	691,788
Agric contributing family work	1,399,219	494,762	904,457	257,630	98,598	159,032	1,141,589	396,164	745,425

Employment status	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Domestic workers	21,526	8,178	13,348	12,027	4,627	7,400	9,499	3,551	5,948
Other(Specify)	21,129	8,446	12,683	15,311	4,256	11,055	5,818	4,190	1,628

TABLE 5.18: EMPLOYED POPULATION 15 YEARS AND OLDER IN THE INFORMAL SECTOR BY MAIN OCCUPATION, LOCALITY AND SEX

Major occupation	Quarter 1								
	Ghana			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	9,357,196	4,181,004	5,176,192	4,695,317	1,918,531	2,776,786	4,661,879	2,262,473	2,399,406
Managers	90,644	35,407	55,237	70,944	28,803	42,141	19,700	6,604	13,096
Professionals	42,416	31,399	11,017	31,441	23,198	8,244	10,974	8,201	2,773
Technicians and associate professionals	47,874	38,736	9,139	33,473	28,656	4,817	14,402	10,080	4,322
Clerical support workers	54,957	40,904	14,054	39,556	28,145	11,411	15,402	12,759	2,643
Service and sales workers	2,716,666	426,309	2,290,357	2,016,044	335,580	1,680,464	700,623	90,730	609,893
Skilled agricultural, forestry	3,900,913	2,116,217	1,784,697	878,843	498,429	380,415	3,022,070	1,617,788	1,404,282
Craft and related trades workers activities	1,459,989	771,125	688,864	1,000,892	561,574	439,319	459,096	209,551	249,545
Plant and machine operators and assemblers	432,595	419,700	12,895	255,145	248,939	6,205	177,450	170,760	6,690
Elementary occupations	611,141	301,208	309,933	368,979	165,208	203,771	242,162	136,000	106,162
Quarter 2									
Total	9,343,510	4,166,527	5,176,983	4,983,676	2,051,369	2,932,307	4,359,834	2,115,158	2,244,676
Managers	93,809	37,356	56,453	74,230	30,809	43,420	19,579	6,547	13,032
Professionals	45,759	34,167	11,592	35,189	26,354	8,835	10,570	7,813	2,756
Technicians and associate professionals	50,947	41,886	9,061	36,708	31,922	4,786	14,239	9,964	4,275
Clerical support workers	56,404	42,406	13,999	41,120	29,734	11,386	15,285	12,672	2,613
Service and sales workers	2,783,576	435,968	2,347,608	2,105,183	349,360	1,755,823	678,393	86,608	591,785
Skilled agricultural, forestry	3,743,231	2,043,271	1,699,960	970,418	551,808	418,610	2,772,813	1,491,463	1,281,350
Craft and related trades workers activities	1,506,934	800,412	706,522	1,067,047	598,833	468,214	439,887	201,579	238,308
Plant and machine operators and assemblers	438,293	425,501	12,793	266,521	260,324	6,196	171,773	165,176	6,597
Elementary occupations	624,557	305,561	318,996	387,262	172,225	215,037	237,295	133,336	103,959

TABLE 5.19: EMPLOYED POPULATION 15 YEARS AND OLDER IN THE INFORMAL SECTOR BY MAIN INDUSTRY, TYPE OF LOCALITY AND SEX

Major Industry	Quarter 1								
	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	9,357,196	4,181,004	5,176,192	4,695,317	1,918,531	2,776,786	4,661,879	2,262,473	2,399,406
Agriculture, forestry and fish	4,056,045	2,214,657	1,841,387	937,251	538,825	398,426	3,118,793	1,675,832	1,442,961
Mining and quarrying	97,748	78,664	19,084	31,721	25,919	5,802	66,027	52,745	13,282
Manufacturing	1,027,117	311,800	715,317	687,911	226,122	461,789	339,206	85,679	253,528
Electricity, gas, stream and air conditioning supply	7,204	5,151	2,053	4,267	2,905	1,363	2,937	2,246	690
Water supply, sewerage, waste management	12,294	5,479	6,814	8,136	2,287	5,848	4,158	3,192	966
Construction	458,966	445,992	12,974	300,471	289,675	10,796	158,496	156,317	2,179
Wholesale and retail trade	2,219,781	466,038	1,753,743	1,710,349	378,016	1,332,332	509,433	88,022	421,411
Transportation and storage	363,146	360,362	2,783	229,840	228,316	1,524	133,306	132,046	1,259
Accommodation and food service activities	496,227	38,722	457,505	315,981	32,808	283,173	180,246	5,913	174,333
Information and communication	6,839	5,925	915	2,210	1,295	915	4,629	4,629	
Financial and insurance activities	48,906	20,477	28,428	37,149	13,658	23,490	11,757	6,819	4,938
Real estate activities	3,136	3,136		3,136	3,136				
Professional, scientific and technical activities	48,065	24,873	23,193	35,831	20,484	15,348	12,234	4,389	7,845
Administrative and support service activities	34,608	27,227	7,381	26,528	22,936	3,592	8,080	4,291	3,789
Education	25,019	13,713	11,306	20,531	11,468	9,062	4,489	2,245	2,244
Human health and social work activities	19,971	8,024	11,947	13,083	4,473	8,610	6,888	3,551	3,337
Arts, entertainment and recreation	49,225	44,099	5,126	41,653	36,526	5,126	7,572	7,572	
Other service activities	317,564	96,198	221,366	241,830	73,852	167,979	75,734	22,346	53,387
Activities of households as employers	65,335	10,466	54,869	47,441	5,827	41,613	17,894	4,638	13,256
Quarter 2									
Total	8,962,618	3,970,254	4,992,364	4,508,984	1,828,279	2,680,705	4,453,634	2,141,975	2,311,658
Agriculture, forestry and fish	3,979,200	2,120,304	1,858,896	929,844	517,476	412,368	3,049,356	1,602,828	1,446,528
Mining and quarrying	91,478	74,848	16,630	29,914	26,019	3,895	61,564	48,829	12,735
Manufacturing	939,986	268,540	671,447	627,686	191,340	436,346	312,301	77,200	235,101

Major Industry	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Electricity, gas, steam and ai	10,486	8,979	1,507	8,957	7,450	1,507	1,529	1,529	
Water supply; sewerage, waste	15,845	11,490	4,354	12,415	8,403	4,012	3,430	3,088	343
Construction	418,727	415,867	2,860	293,997	292,965	1,033	124,730	122,902	1,828
Wholesale and retail trade; re	2,086,089	420,483	1,665,607	1,612,560	340,573	1,271,987	473,529	79,909	393,620
Transportation and storage	352,059	347,026	5,033	230,933	225,900	5,033	121,126	121,126	
Accommodation and food service	445,116	30,347	414,769	317,370	25,282	292,088	127,746	5,065	122,681
Information and communication	6,189	3,408	2,781	2,738	1,305	1,433	3,451	2,103	1,347
Financial and insurance activi	34,602	8,690	25,912	24,345	6,653	17,693	10,256	2,037	8,219
Real estate activities	2,144	2,144		1,158	1,158		986	986	
Professional, scientific and t	39,840	24,301	15,538	29,803	19,901	9,903	10,036	4,401	5,636
Administrative and support ser	32,920	24,618	8,302	26,275	18,436	7,840	6,645	6,182	463
Public administration and defe	2,762	2,029	733	2,162	1,429	733	600	600	
Education	40,858	23,599	17,259	27,911	14,975	12,937	12,947	8,624	4,323
Human health and social work a	23,935	14,016	9,920	15,107	7,075	8,032	8,828	6,941	1,887
Arts, entertainment and recrea	50,812	44,544	6,268	42,373	36,736	5,637	8,440	7,808	631
Other service activities	316,616	102,258	214,358	238,810	74,367	164,443	77,806	27,891	49,915
Activities of households as em	72,953	22,764	50,189	34,625	10,838	23,787	38,329	11,926	26,402

TABLE 5.20: SHARE OF EMPLOYED POPULATION WITH SAFETY MEASURE COMPLIANCE AT WORKPLACE BY REGION, TYPE OF LOCALITY AND SEX

Background Characteristics	Quarter 1								
	Estimated employed population			Share of employed population with safety measures (%)			Employed population with safety measures		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Locality Type									
All locality types	11,214,069	5,291,108	5,922,961	7.5	9.6	5.6	840,367	507,256	333,110
Urban	6,206,805	2,817,083	3,389,722	10.2	13.3	7.7	635,092	375,335	259,757
Rural	5,007,264	2,474,025	2,533,238	4.1	5.3	2.9	205,275	131,922	73,353
Region									
All regions	11,214,069	5,291,108	5,922,961	7.5	9.6	5.6	840,367	507,256	333,110
Western	784,883	376,047	408,836	11	14.2	8.1	86,645	53,371	33,274
Central	1,030,014	462,417	567,597	4.8	6.7	3.2	49,023	31,125	17,898
Greater Accra	2,006,783	933,143	1,073,641	15.4	21.3	10.2	308,510	198,874	109,636
Volta	598,675	265,421	333,254	7	9.7	4.9	42,120	25,715	16,405
Eastern	1,095,588	497,093	598,495	5.2	7.2	3.5	56,713	35,897	20,815
Ashanti	1,857,890	868,329	989,561	7.6	8.3	7	141,526	72,472	69,054
Western North	330,729	166,051	164,678	2.4	3.1	1.7	7,857	5,090	2,768
Ahafo	219,106	107,345	111,761	10	8.8	11	21,827	9,487	12,340
Bono	471,087	211,781	259,307	4.9	4.6	5.1	22,884	9,773	13,111
Bono East	509,691	254,337	255,354	2.1	2.6	1.6	10,785	6,646	4,140
Oti	331,900	173,204	158,696	4.2	5.1	3.2	13,974	8,821	5,154
Northern	768,423	374,895	393,528	3.9	5.4	2.4	29,703	20,298	9,405
Savannah	217,802	113,388	104,414	2	2.9	1	4,294	3,274	1,019
North East	230,889	110,907	119,981	1.8	2.8	0.9	4,228	3,134	1,095
Upper East	456,825	221,059	235,765	5.2	6.2	4.4	23,973	13,639	10,334
Upper West	303,785	155,691	148,094	5.4	6.2	4.5	16,303	9,640	6,663
Urban									
All regions	6,206,805	2,817,083	3,389,722	10.2	13.3	7.7	635,092	375,335	259,757

Background Characteristics	Estimated employed population			Share of employed population with safety measures (%)			Employed population with safety measures		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Western	367,796	162,601	205,195	9.4	11.7	7.6	34,587	19,001	15,586
Central	549,646	240,583	309,063	7.2	9.7	5.2	39,441	23,447	15,994
Greater Accra	1,839,277	850,681	988,596	15.8	22.1	10.3	289,998	187,992	102,005
Volta	246,599	104,449	142,150	10.4	14.3	7.6	25,650	14,899	10,751
Eastern	551,917	244,831	307,087	7.9	11	5.4	43,639	26,924	16,715
Ashanti	1,177,412	525,932	651,480	7.7	8.3	7.3	90,819	43,581	47,238
Western North	91,964	40,870	51,094	6.9	8.7	5.4	6,327	3,560	2,768
Ahafo	104,220	46,165	58,055	12.7	11	14.2	13,285	5,060	8,225
Bono	259,505	105,860	153,645	7.6	6.8	8.2	19,771	7,175	12,596
Bono East	229,843	109,216	120,627	3.4	4.1	2.7	7,770	4,517	3,253
Oti	106,266	55,445	50,821	4.7	6.1	3.2	5,017	3,396	1,621
Northern	370,600	178,373	192,226	5.7	7.8	3.7	21,002	13,916	7,085
Savannah	55,963	29,313	26,649	6.7	10.3	2.8	3,762	3,029	734
North East	69,542	32,180	37,362	3.9	5.8	2.2	2,711	1,880	832
Upper East	113,399	52,098	61,301	17.7	19.7	16	20,083	10,285	9,798
Upper West	72,857	38,486	34,371	15.4	17.3	13.3	11,229	6,673	4,556
Rural									
All regions	5,007,264	2,474,025	2,533,238	4.1	5.3	2.9	205,275	131,922	73,353
Western	417,087	213,447	203,640	12.5	16.1	8.7	52,058	34,370	17,688
Central	480,368	221,834	258,534	2	3.5	0.7	9,582	7,678	1,904
Greater Accra	167,507	82,462	85,045	11.1	13.2	9	18,513	10,882	7,631
Volta	352,077	160,973	191,104	4.7	6.7	3	16,469	10,815	5,654
Eastern	543,670	252,263	291,408	2.4	3.6	1.4	13,074	8,974	4,100
Ashanti	680,478	342,397	338,081	7.5	8.4	6.5	50,707	28,891	21,816
Western North	238,765	125,181	113,584	0.6	1.2	0	1,530	1,530	
Ahafo	114,886	61,180	53,706	7.4	7.2	7.7	8,542	4,428	4,115
Bono	211,583	105,920	105,662	1.5	2.5	0.5	3,113	2,598	515

Background Characteristics	Estimated employed population			Share of employed population with safety measures (%)			Employed population with safety measures		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Bono East	279,848	145,121	134,727	1.1	1.5	0.7	3,015	2,129	887
Oti	225,634	117,759	107,875	4	4.6	3.3	8,957	5,425	3,533
Northern	397,823	196,522	201,302	2.2	3.2	1.2	8,701	6,382	2,319
Savannah	161,840	84,075	77,765	0.3	0.3	0.4	532	246	286
North East	161,347	78,728	82,619	0.9	1.6	0.3	1,517	1,254	263
Upper East	343,425	168,961	174,464	1.1	2	0.3	3,890	3,354	536
Upper West	230,927	117,205	113,722	2.2	2.5	1.9	5,074	2,967	2,107

Quarter 2

Locality Type									
All locality types	10,656,305	4,982,219	5,674,085	6	7.6	4.5	635,128	380,686	254,441
Urban	5,862,619	2,631,009	3,231,609	8.1	10.9	5.8	474,360	286,325	188,035
Rural	4,793,686	2,351,210	2,442,476	3.4	4	2.7	160,768	94,362	66,406
Region									
All regions	10,656,305	4,982,219	5,674,085	6	7.6	4.5	635,128	380,686	254,441
Western	723,407	339,102	384,305	7.6	10.2	5.2	54,646	34,536	20,110
Central	1,007,278	448,545	558,733	3.2	3.5	2.9	32,386	15,911	16,475
Greater Accra	1,882,099	858,922	1,023,177	13.3	18.9	8.7	250,997	162,111	88,886
Volta	560,296	250,307	309,989	5.1	6.2	4.2	28,523	15,425	13,099
Eastern	1,086,202	495,605	590,597	3.9	5.1	2.8	42,013	25,375	16,638
Ashanti	1,735,981	811,327	924,654	7.1	8.2	6.2	124,004	66,923	57,081
Western North	331,405	164,992	166,413	2.2	2.3	2.1	7,394	3,863	3,531
Ahafo	200,593	96,470	104,123	6.9	6.8	6.9	13,760	6,524	7,236
Bono	454,868	200,050	254,817	5.1	5.7	4.7	23,362	11,485	11,876
Bono East	481,417	242,490	238,927	2.4	3.4	1.3	11,476	8,268	3,207
Oti	305,776	155,603	150,173	2.3	3.3	1.1	6,930	5,204	1,726
Northern	775,695	383,827	391,869	1.7	2.1	1.3	13,097	7,980	5,117
Savannah	236,770	119,943	116,827	1	1.7	0.4	2,430	2,004	426

Background Characteristics	Estimated employed population			Share of employed population with safety measures (%)			Employed population with safety measures		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
North East	205,058	96,980	108,078	1.4	2.3	0.6	2,859	2,258	601
Upper East	376,065	177,615	198,450	3.1	3.7	2.6	11,681	6,590	5,090
Upper West	293,394	140,441	152,953	3.3	4.4	2.2	9,570	6,227	3,343
Urban									
All regions	5,862,619	2,631,009	3,231,609	8.1	10.9	5.8	474,360	286,325	188,035
Western	388,181	172,214	215,967	9.8	12.8	7.4	38,014	22,086	15,928
Central	557,480	245,559	311,921	4.5	4.9	4.3	25,261	12,000	13,261
Greater Accra	1,735,990	786,756	949,234	13.3	19.2	8.3	230,340	151,195	79,144
Volta	219,234	91,173	128,060	9.1	10.3	8.2	19,852	9,375	10,477
Eastern	556,043	244,694	311,349	5.9	8	4.3	32,810	19,542	13,269
Ashanti	993,729	435,135	558,594	5.5	6.9	4.5	54,960	29,912	25,048
Western North	93,474	40,790	52,684	4.6	6.2	3.4	4,334	2,546	1,789
Ahafo	99,098	44,049	55,048	8.1	9.2	7.2	8,032	4,042	3,990
Bono	251,444	102,673	148,771	7.5	8.1	7.1	18,976	8,359	10,617
Bono East	228,119	111,039	117,080	2.9	4.6	1.4	6,680	5,070	1,610
Oti	95,010	46,815	48,196	4.9	7.5	2.5	4,670	3,489	1,181
Northern	347,673	169,506	178,167	2.8	3.5	2.1	9,706	5,936	3,770
Savannah	58,361	27,294	31,068	3.7	6.5	1.4	2,187	1,760	426
North East	61,201	27,869	33,332	3	5.1	1.2	1,826	1,416	410
Upper East	104,612	48,987	55,625	8.7	10.5	7.1	9,099	5,134	3,965
Upper West	72,971	36,458	36,513	10.4	12.2	8.6	7,614	4,463	3,150
Rural									
All regions	4,793,686	2,351,210	2,442,476	3.4	4	2.7	160,768	94,362	66,406
Western	335,226	166,888	168,338	5	7.5	2.5	16,632	12,450	4,183
Central	449,798	202,986	246,812	1.6	1.9	1.3	7,124	3,911	3,213
Greater Accra	146,109	72,166	73,943	14.1	15.1	13.2	20,657	10,916	9,741
Volta	341,063	159,134	181,929	2.5	3.8	1.4	8,672	6,050	2,622

Background Characteristics	Estimated employed population			Share of employed population with safety measures (%)			Employed population with safety measures		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Eastern	530,159	250,911	279,248	1.7	2.3	1.2	9,203	5,834	3,369
Ashanti	742,252	376,192	366,060	9.3	9.8	8.8	69,044	37,012	32,033
Western North	237,932	124,203	113,729	1.3	1.1	1.5	3,059	1,317	1,742
Ahafo	101,496	52,421	49,075	5.6	4.7	6.6	5,729	2,482	3,246
Bono	203,424	97,377	106,047	2.2	3.2	1.2	4,385	3,127	1,259
Bono East	253,297	131,451	121,846	1.9	2.4	1.3	4,796	3,199	1,597
Oti	210,765	108,789	101,977	1.1	1.6	0.5	2,260	1,715	545
Northern	428,022	214,321	213,701	0.8	1	0.6	3,391	2,044	1,347
Savannah	178,409	92,649	85,760	0.1	0.3	0	244	244	
North East	143,857	69,111	74,746	0.7	1.2	0.3	1,033	842	191
Upper East	271,453	128,628	142,825	1	1.1	0.8	2,582	1,457	1,126
Upper West	220,424	103,983	116,440	0.9	1.7	0.2	1,956	1,764	192

TABLE 5.21: AWARENESS OF LABOUR LAWS/RIGHTS AT WORKPLACES OF EMPLOYED POPULATION 15 YEARS AND OLDER BY REGION, TYPE OF LOCALITY AND SEX

Quarter 1									
Region	All locality types			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All regions	2,825,746	1,542,073	1,283,672	2,086,029	1,095,220	990,809	739,717	446,854	292,863
Western	251,410	138,422	112,988	136,452	69,404	67,048	114,958	69,018	45,940
Central	173,745	105,018	68,727	125,934	71,305	54,629	47,811	33,714	14,098
Greater Accra	929,991	498,196	431,795	892,596	474,876	417,720	37,395	23,320	14,075
Volta	153,744	85,549	68,194	75,958	39,043	36,915	77,786	46,507	31,279
Eastern	144,782	87,368	57,415	60,096	36,500	23,596	84,686	50,867	33,819
Ashanti	622,033	312,325	309,709	455,157	210,071	245,086	166,876	102,253	64,623
Western North	36,376	26,402	9,973	22,063	14,425	7,638	14,313	11,978	2,335
Ahafo	75,681	38,347	37,334	40,211	19,720	20,491	35,470	18,627	16,843
Bono	89,334	39,332	50,002	65,120	28,267	36,853	24,214	11,065	13,149
Bono East	37,955	24,389	13,566	28,596	17,705	10,891	9,359	6,684	2,675
Oti	91,463	51,237	40,227	28,538	17,010	11,528	62,925	34,226	28,699
Northern	89,449	55,015	34,434	69,158	42,678	26,481	20,291	12,337	7,953
Savannah	10,644	7,553	3,091	8,196	5,926	2,270	2,448	1,627	821
North East	19,493	12,241	7,252	9,682	6,790	2,892	9,811	5,451	4,360
Upper East	58,917	35,054	23,864	40,136	22,359	17,777	18,782	12,695	6,087
Upper West	40,728	25,626	15,103	28,136	19,141	8,994	12,593	6,484	6,108
Quarter 2									
All regions	2,392,478	1,297,599	1,094,879	1,616,647	859,069	757,578	775,831	438,530	337,301
Western	211,376	102,144	109,231	147,428	66,263	81,165	63,948	35,882	28,066
Central	169,448	89,979	79,469	128,032	65,464	62,568	41,415	24,515	16,901
Greater Accra	772,754	405,456	367,298	711,360	373,748	337,611	61,394	31,708	29,687
Volta	109,868	63,335	46,534	64,574	33,803	30,772	45,294	29,532	15,762
Eastern	132,943	78,808	54,135	75,060	44,380	30,680	57,883	34,428	23,455
Ashanti	555,342	303,013	252,329	259,778	143,797	115,982	295,563	159,217	136,347

Region	All locality types			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Western North	58,389	35,027	23,363	17,127	10,108	7,019	41,263	24,919	16,344
Ahafo	64,705	32,492	32,213	35,887	18,505	17,382	28,818	13,987	14,831
Bono	95,293	43,726	51,567	54,240	23,540	30,699	41,053	20,186	20,867
Bono East	32,429	23,688	8,741	17,151	11,495	5,656	15,278	12,192	3,085
Oti	51,168	30,825	20,343	20,325	12,782	7,543	30,843	18,043	12,799
Northern	42,647	28,793	13,854	34,208	22,152	12,055	8,439	6,640	1,799
Savannah	7,094	5,380	1,714	6,381	4,892	1,489	713	488	225
North East	8,034	5,919	2,115	6,934	5,036	1,898	1,100	883	218
Upper East	45,259	24,907	20,352	14,894	8,558	6,336	30,365	16,348	14,017
Upper West	35,729	24,107	11,622	23,267	14,545	8,722	12,462	9,562	2,900

TABLE 5.22: AWARENESS OF LABOUR LAWS/RIGHTS AT WORKPLACES OF EMPLOYED POPULATION 15 YEARS AND OLDER BY AGE GROUP, TYPE OF LOCALITY AND SEX

Quarter 1									
Age group	Total			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	2,825,746	1,542,073	1,283,672	2,086,029	1,095,220	990,809	739,717	446,854	292,863
15-19	92,420	52,621	39,799	46,026	24,715	21,311	46,394	27,906	18,488
20-24	213,998	104,905	109,093	139,654	59,421	80,233	74,345	45,485	28,860
25-29	349,083	171,472	177,611	257,309	119,469	137,840	91,774	52,003	39,771
30-34	462,101	225,854	236,247	354,534	160,500	194,034	107,567	65,355	42,212
35-39	470,063	257,194	212,869	354,840	194,470	160,370	115,223	62,724	52,499
40-44	343,247	202,833	140,414	262,198	156,763	105,436	81,048	46,070	34,978
45-49	310,794	194,961	115,833	239,082	144,387	94,695	71,712	50,574	21,138
50-54	194,185	115,799	78,386	151,720	86,398	65,321	42,466	29,401	13,065
55-59	179,350	93,796	85,554	135,179	66,229	68,950	44,171	27,567	16,604
60-64	107,459	60,049	47,410	79,214	42,643	36,571	28,245	17,406	10,839
65+	103,046	62,589	40,457	66,274	40,226	26,048	36,772	22,363	14,409
Quarter 2									
Total	2,392,478	1,297,599	1,094,879	1,616,647	859,069	757,578	775,831	438,530	337,301
15-19	49,277	23,985	25,292	11,306	6,030	5,276	37,971	17,955	20,017
20-24	199,810	101,863	97,947	122,434	59,819	62,615	77,376	42,045	35,331
25-29	292,119	157,904	134,215	192,509	98,650	93,859	99,610	59,254	40,356
30-34	422,101	207,586	214,515	309,226	146,130	163,096	112,875	61,456	51,419
35-39	377,765	206,207	171,558	263,740	141,044	122,696	114,025	65,163	48,862
40-44	302,748	155,261	147,487	212,682	111,209	101,473	90,066	44,052	46,014
45-49	243,176	147,370	95,806	160,655	97,796	62,859	82,521	49,574	32,947
50-54	200,823	119,679	81,144	136,994	78,493	58,501	63,829	41,186	22,643
55-59	150,824	90,394	60,429	106,913	64,925	41,988	43,910	25,469	18,441
60-64	67,489	36,330	31,160	42,541	23,363	19,178	24,949	12,967	11,982
65+	86,345	51,018	35,326	57,647	31,610	26,037	28,698	19,409	9,289

TABLE 5.23: PERCEPTION OF ENFORCEMENT/IMPLEMENTATION OF LABOUR LAWS/RIGHTS OF EMPLOYED POPULATION 15 YEARS AND OLDER BY REGION, TYPE OF LOCALITY AND SEX

Region	Quarter 1											
	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
Both Sexes												
All regions	2,825,746	1,108,931	1,043,995	672,820	2,086,029	816,348	791,463	478,219	739,717	292,584	252,532	194,601
Western	251,410	94,205	119,950	37,255	136,452	60,115	55,109	21,229	114,958	34,091	64,841	16,027
Central	173,745	61,978	72,311	39,456	125,934	48,741	52,406	24,786	47,811	13,236	19,905	14,670
Greater Accra	929,991	328,174	417,764	184,052	892,596	308,213	406,249	178,134	37,395	19,961	11,515	5,919
Volta	153,744	74,593	36,273	42,878	75,958	39,904	14,696	21,358	77,786	34,689	21,577	21,520
Eastern	144,782	39,929	43,886	60,967	60,096	12,187	26,577	21,331	84,686	27,742	17,308	39,636
Ashanti	622,033	297,862	181,920	142,252	455,157	229,571	126,680	98,906	166,876	68,291	55,240	43,346
Western North	36,376	5,534	12,947	17,895	22,063	5,189	4,328	12,546	14,313	345	8,619	5,349
Ahafo	75,681	21,260	22,642	31,778	40,211	14,926	12,965	12,320	35,470	6,334	9,678	19,458
Bono	89,334	31,097	37,120	21,117	65,120	20,024	26,248	18,848	24,214	11,073	10,872	2,270
Bono East	37,955	20,620	9,727	7,608	28,596	14,353	7,822	6,421	9,359	6,268	1,905	1,187
Oti	91,463	65,921	13,735	11,808	28,538	16,272	9,166	3,100	62,925	49,649	4,568	8,707
Northern	89,449	21,009	31,141	37,298	69,158	15,628	21,554	31,977	20,291	5,382	9,588	5,321
Savannah	10,644	4,153	5,120	1,371	8,196	2,732	4,572	892	2,448	1,421	547	479
North East	19,493	4,588	11,574	3,331	9,682	2,832	4,422	2,427	9,811	1,756	7,152	904
Upper East	58,917	25,276	13,252	20,389	40,136	18,216	8,294	13,626	18,782	7,061	4,958	6,762
Upper West	40,728	12,731	14,633	13,364	28,136	7,444	10,374	10,318	12,593	5,287	4,260	3,046
Male												
All regions	1,542,073	639,038	571,915	331,120	1,095,220	456,967	410,587	227,665	446,854	182,071	161,327	103,455
Western	138,422	56,588	66,973	14,861	69,404	32,768	29,343	7,294	69,018	23,820	37,631	7,567
Central	105,018	40,957	42,043	22,018	71,305	32,756	27,187	11,362	33,714	8,201	14,857	10,656
Greater Accra	498,196	204,797	211,344	82,054	474,876	191,800	203,328	79,748	23,320	12,998	8,016	2,306

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
Volta	85,549	46,280	17,766	21,504	39,043	21,078	7,794	10,171	46,507	25,202	9,972	11,333
Eastern	87,368	27,170	23,919	36,278	36,500	9,535	11,697	15,269	50,867	17,635	12,222	21,010
Ashanti	312,325	139,164	103,854	69,307	210,071	100,664	63,403	46,005	102,253	38,500	40,451	23,303
Western North	26,402	4,232	9,789	12,381	14,425	3,888	2,228	8,309	11,978	345	7,561	4,072
Ahafo	38,347	10,258	14,410	13,679	19,720	6,747	8,212	4,761	18,627	3,511	6,198	8,918
Bono	39,332	16,511	15,810	7,011	28,267	10,191	11,819	6,256	11,065	6,319	3,991	755
Bono East	24,389	13,911	6,128	4,350	17,705	9,645	4,582	3,478	6,684	4,267	1,545	872
Oti	51,237	35,599	8,641	6,997	17,010	9,773	5,664	1,573	34,226	25,825	2,977	5,424
Northern	55,015	13,423	21,997	19,595	42,678	9,173	15,580	17,925	12,337	4,250	6,417	1,670
Savannah	7,553	2,661	4,075	817	5,926	1,828	3,527	571	1,627	834	547	246
North East	12,241	3,608	5,972	2,662	6,790	2,115	2,663	2,012	5,451	1,492	3,309	650
Upper East	35,054	15,584	9,859	9,610	22,359	9,972	5,705	6,682	12,695	5,612	4,154	2,929
Upper West	25,626	8,295	9,336	7,995	19,141	5,035	7,855	6,252	6,484	3,260	1,481	1,744
Female												
All regions	1,283,672	469,893	472,080	341,699	990,809	359,381	380,875	250,553	292,863	110,512	91,205	91,146
Western	112,988	37,617	52,976	22,394	67,048	27,347	25,766	13,935	45,940	10,271	27,210	8,459
Central	68,727	21,021	30,268	17,438	54,629	15,985	25,220	13,424	14,098	5,036	5,048	4,014
Greater Accra	431,795	123,377	206,420	101,998	417,720	116,414	202,921	98,385	14,075	6,963	3,499	3,613
Volta	68,194	28,313	18,507	21,374	36,915	18,826	6,902	11,187	31,279	9,487	11,605	10,187
Eastern	57,415	12,759	19,966	24,689	23,596	2,653	14,880	6,063	33,819	10,107	5,086	18,626
Ashanti	309,709	158,698	78,066	72,945	245,086	128,907	63,277	52,901	64,623	29,791	14,789	20,043
Western North	9,973	1,302	3,157	5,514	7,638	1,302	2,099	4,238	2,335		1,058	1,277
Ahafo	37,334	11,002	8,233	18,099	20,491	8,179	4,753	7,559	16,843	2,823	3,480	10,540
Bono	50,002	14,586	21,310	14,106	36,853	9,833	14,429	12,592	13,149	4,753	6,881	1,514
Bono East	13,566	6,709	3,600	3,258	10,891	4,708	3,240	2,943	2,675	2,001	360	315
Oti	40,227	30,322	5,094	4,811	11,528	6,499	3,502	1,527	28,699	23,824	1,591	3,283
Northern	34,434	7,586	9,145	17,703	26,481	6,454	5,974	14,052	7,953	1,132	3,171	3,651

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
Savannah	3,091	1,492	1,045	554	2,270	905	1,045	320	821	587		233
North East	7,252	980	5,603	669	2,892	717	1,760	415	4,360	263	3,843	254
Upper East	23,864	9,692	3,393	10,779	17,777	8,244	2,588	6,945	6,087	1,448	805	3,834
Upper West	15,103	4,436	5,298	5,369	8,994	2,409	2,519	4,066	6,108	2,027	2,779	1,303

Quarter 2

Both Sexes

All regions	905,537	941,408	545,533	2,392,478	608,194	655,744	352,709	1,616,647	297,343	285,663	192,824	775,831
Western	72,863	80,544	57,969	211,376	40,404	60,277	46,747	147,428	32,459	20,267	11,222	63,948
Central	55,040	81,309	33,099	169,448	38,939	67,886	21,208	128,032	16,102	13,423	11,891	41,415
Greater Accra	264,270	381,451	127,033	772,754	245,301	344,973	121,085	711,360	18,970	36,477	5,948	61,394
Volta	56,657	33,155	20,056	109,868	41,787	12,333	10,455	64,574	14,870	20,823	9,601	45,294
Eastern	63,624	28,433	40,885	132,943	29,406	15,048	30,606	75,060	34,218	13,386	10,279	57,883
Ashanti	250,360	163,462	141,520	555,342	133,711	73,391	52,677	259,778	116,649	90,072	88,843	295,563
Western North	8,737	31,914	17,739	58,389	4,884	5,867	6,375	17,127	3,853	26,046	11,363	41,263
Ahafo	11,687	27,375	25,643	64,705	5,857	12,133	17,896	35,887	5,829	15,242	7,747	28,818
Bono	37,102	38,714	19,477	95,293	15,410	23,160	15,670	54,240	21,692	15,553	3,808	41,053
Bono East	14,700	13,445	4,284	32,429	9,405	4,323	3,423	17,151	5,295	9,121	861	15,278
Oti	34,624	9,665	6,878	51,168	14,719	4,500	1,105	20,325	19,905	5,165	5,773	30,843
Northern	11,275	17,077	14,295	42,647	10,659	12,920	10,628	34,208	616	4,156	3,667	8,439
Savannah	2,270	2,150	2,674	7,094	2,270	1,906	2,205	6,381		244	469	713
North East	4,011	4,023		8,034	3,129	3,805		6,934	883	218		1,100
Upper East	11,621	12,628	21,010	45,259	5,870	4,890	4,135	14,894	5,751	7,738	16,876	30,365
Upper West	6,695	16,064	12,971	35,729	6,443	8,331	8,493	23,267	252	7,733	4,477	12,462

Male

All regions	537,892	481,889	277,817	1,297,599	367,402	320,523	171,145	859,069	170,491	161,366	106,673	438,530
Western	40,996	37,908	23,240	102,144	21,725	27,383	17,155	66,263	19,271	10,525	6,085	35,882

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
Central	32,759	40,548	16,672	89,979	23,705	32,165	9,595	65,464	9,054	8,383	7,077	24,515
Greater Accra	166,358	182,859	56,239	405,456	154,367	164,449	54,933	373,748	11,991	18,410	1,306	31,708
Volta	29,747	18,490	15,098	63,335	19,535	7,055	7,213	33,803	10,212	11,435	7,885	29,532
Eastern	35,309	20,463	23,035	78,808	15,747	10,811	17,822	44,380	19,562	9,653	5,214	34,428
Ashanti	142,990	81,056	78,968	303,013	82,292	30,235	31,270	143,797	60,698	50,821	47,698	159,217
Western North	6,098	16,822	12,107	35,027	2,534	3,282	4,292	10,108	3,563	13,541	7,815	24,919
Ahafo	8,042	15,124	9,327	32,492	4,269	7,582	6,653	18,505	3,773	7,542	2,673	13,987
Bono	19,624	16,744	7,359	43,726	7,728	9,603	6,209	23,540	11,896	7,140	1,150	20,186
Bono East	10,476	10,996	2,216	23,688	6,363	3,209	1,923	11,495	4,113	7,787	293	12,192
Oti	19,865	5,928	5,032	30,825	9,377	2,718	686	12,782	10,488	3,210	4,346	18,043
Northern	6,484	13,097	9,212	28,793	5,868	10,172	6,112	22,152	616	2,924	3,100	6,640
Savannah	2,117	1,700	1,562	5,380	2,117	1,456	1,318	4,892		244	244	488
North East	3,372	2,547		5,919	2,490	2,547		5,036	883			883
Upper East	9,037	6,376	9,494	24,907	4,917	2,400	1,241	8,558	4,120	3,976	8,253	16,348
Upper West	4,618	11,232	8,256	24,107	4,366	5,456	4,723	14,545	252	5,776	3,534	9,562
Female												
All regions	367,644	459,519	267,716	1,094,879	240,792	335,221	181,565	757,578	126,852	124,297	86,152	337,301
Western	31,867	42,636	34,729	109,231	18,679	32,894	29,592	81,165	13,188	9,742	5,137	28,066
Central	22,281	40,761	16,427	79,469	15,234	35,721	11,613	62,568	7,047	5,040	4,814	16,901
Greater Accra	97,913	198,592	70,794	367,298	90,934	180,525	66,152	337,611	6,978	18,067	4,641	29,687
Volta	26,910	14,665	4,958	46,534	22,252	5,277	3,242	30,772	4,658	9,388	1,716	15,762
Eastern	28,315	7,970	17,850	54,135	13,659	4,237	12,785	30,680	14,656	3,733	5,065	23,455
Ashanti	107,370	82,407	62,552	252,329	51,419	43,156	21,407	115,982	55,951	39,251	41,146	136,347
Western North	2,640	15,092	5,631	23,363	2,350	2,586	2,083	7,019	290	12,506	3,548	16,344
Ahafo	3,645	12,252	16,316	32,213	1,588	4,551	11,243	17,382	2,057	7,700	5,074	14,831
Bono	17,478	21,970	12,118	51,567	7,682	13,557	9,461	30,699	9,796	8,413	2,658	20,867
Bono East	4,224	2,449	2,068	8,741	3,041	1,115	1,500	5,656	1,183	1,335	568	3,085

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
Oti	14,760	3,737	1,846	20,343	5,342	1,782	419	7,543	9,417	1,955	1,427	12,799
Northern	4,791	3,980	5,083	13,854	4,791	2,748	4,517	12,055		1,232	567	1,799
Savannah	153	449	1,112	1,714	153	449	887	1,489			225	225
North East	639	1,476		2,115	639	1,259		1,898		218		218
Upper East	2,584	6,252	11,516	20,352	953	2,489	2,894	6,336	1,631	3,763	8,623	14,017
Upper West	2,077	4,831	4,714	11,622	2,077	2,875	3,771	8,722		1,956	944	2,900

TABLE 5.24: PERCEPTION OF ENFORCEMENT/IMPLEMENTATION OF LABOUR LAWS/RIGHTS OF EMPLOYED POPULATION 15 YEARS AND OLDER BY AGE GROUP AND TYPE OF LOCALITY

Region	Quarter 1											
	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
Both Sexes												
Total	2,825,746	1,108,931	1,043,995	672,820	2,086,029	816,348	791,463	478,219	739,717	292,584	252,532	194,601
15-19	92,420	33,961	26,722	31,737	46,026	17,167	12,321	16,538	46,394	16,794	14,401	15,199
20-24	213,998	66,848	79,447	67,703	139,654	41,584	54,215	43,855	74,345	25,265	25,232	23,848
25-29	349,083	126,774	133,440	88,869	257,309	88,840	102,532	65,937	91,774	37,934	30,908	22,932
30-34	462,101	193,074	171,217	97,809	354,534	150,771	133,159	70,604	107,567	42,303	38,058	27,206
35-39	470,063	202,358	180,113	87,592	354,840	155,253	140,226	59,362	115,223	47,105	39,887	28,231
40-44	343,247	145,924	122,112	75,210	262,198	106,273	96,896	59,030	81,048	39,652	25,216	16,181
45-49	310,794	135,140	106,757	68,897	239,082	105,809	85,397	47,876	71,712	29,331	21,360	21,021
50-54	194,185	55,227	81,007	57,952	151,720	41,827	65,046	44,847	42,466	13,400	15,961	13,105
55-59	179,350	70,842	67,740	40,768	135,179	56,634	50,878	27,666	44,171	14,207	16,862	13,101
60-64	107,459	39,814	42,054	25,590	79,214	29,218	30,536	19,459	28,245	10,596	11,518	6,131
65+	103,046	38,969	33,385	30,691	66,274	22,972	20,256	23,046	36,772	15,997	13,129	7,646
Male												
Total	1,542,073	639,038	571,915	331,120	1,095,220	456,967	410,587	227,665	446,854	182,071	161,327	103,455
15-19	52,621	19,038	18,103	15,480	24,715	10,535	7,021	7,159	27,906	8,503	11,082	8,321
20-24	104,905	37,367	38,286	29,252	59,421	20,671	22,313	16,436	45,485	16,696	15,973	12,816
25-29	171,472	60,827	70,880	39,765	119,469	39,674	51,605	28,190	52,003	21,153	19,275	11,575
30-34	225,854	102,339	76,078	47,437	160,500	76,198	51,487	32,815	65,355	26,141	24,591	14,622
35-39	257,194	109,669	100,493	47,032	194,470	82,158	79,923	32,389	62,724	27,510	20,570	14,643
40-44	202,833	92,815	73,956	36,062	156,763	69,102	57,198	30,463	46,070	23,713	16,758	5,599
45-49	194,961	90,598	64,423	39,940	144,387	67,347	52,020	25,020	50,574	23,251	12,403	14,920
50-54	115,799	34,243	48,507	33,049	86,398	24,581	36,676	25,142	29,401	9,663	11,831	7,907

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
55-59	93,796	43,722	35,679	14,395	66,229	34,447	24,261	7,521	27,567	9,275	11,418	6,874
60-64	60,049	21,847	26,574	11,628	42,643	17,315	17,455	7,873	17,406	4,532	9,119	3,755
65+	62,589	26,573	18,936	17,080	40,226	14,940	10,629	14,657	22,363	11,633	8,307	2,423
Female												
Total	1,283,672	469,893	472,080	341,699	990,809	359,381	380,875	250,553	292,863	110,512	91,205	91,146
15-19	39,799	14,923	8,619	16,257	21,311	6,632	5,300	9,379	18,488	8,291	3,319	6,878
20-24	109,093	29,481	41,161	38,451	80,233	20,913	31,902	27,418	28,860	8,568	9,259	11,033
25-29	177,611	65,947	62,560	49,104	137,840	49,166	50,927	37,747	39,771	16,780	11,633	11,357
30-34	236,247	90,735	95,139	50,373	194,034	74,573	81,672	37,789	42,212	16,162	13,467	12,584
35-39	212,869	92,689	79,620	40,560	160,370	73,094	60,303	26,973	52,499	19,595	19,317	13,587
40-44	140,414	53,109	48,156	39,148	105,436	37,171	39,698	28,567	34,978	15,938	8,458	10,582
45-49	115,833	44,542	42,335	28,957	94,695	38,462	33,378	22,856	21,138	6,080	8,957	6,102
50-54	78,386	20,983	32,500	24,903	65,321	17,246	28,370	19,705	13,065	3,737	4,130	5,198
55-59	85,554	27,120	32,061	26,372	68,950	22,187	26,618	20,145	16,604	4,933	5,444	6,227
60-64	47,410	17,967	15,480	13,963	36,571	11,904	13,080	11,587	10,839	6,064	2,400	2,376
65+	40,457	12,396	14,449	13,611	26,048	8,032	9,627	8,389	14,409	4,364	4,822	5,223
Quarter1												
Both Sexes												
Total	905,537	941,408	545,533	2,392,478	608,194	655,744	352,709	1,616,647	297,343	285,663	192,824	775,831
15-19	23,511	13,605	12,162	49,277	6,024	2,468	2,814	11,306	17,486	11,137	9,348	37,971
20-24	63,261	70,109	66,440	199,810	35,237	44,798	42,400	122,434	28,025	25,312	24,040	77,376
25-29	111,494	119,593	61,032	292,119	76,037	78,148	38,324	192,509	35,457	41,445	22,708	99,610
30-34	155,229	183,231	83,641	422,101	113,393	139,038	56,796	309,226	41,836	44,193	26,845	112,875
35-39	139,372	151,831	86,562	377,765	99,633	110,644	53,462	263,740	39,739	41,186	33,100	114,025
40-44	110,136	127,711	64,901	302,748	70,925	95,101	46,656	212,682	39,211	32,611	18,245	90,066
45-49	92,615	102,898	47,663	243,176	61,850	70,646	28,158	160,655	30,765	32,252	19,505	82,521
50-54	86,748	67,993	46,081	200,823	62,010	42,780	32,205	136,994	24,738	25,214	13,877	63,829

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
55-59	56,975	57,577	36,272	150,824	39,350	43,034	24,529	106,913	17,625	14,543	11,742	43,910
60-64	33,601	23,110	10,778	67,489	23,366	14,890	4,284	42,541	10,235	8,219	6,494	24,949
65+	32,593	23,749	30,003	86,345	20,367	14,198	23,082	57,647	12,226	9,551	6,921	28,698
Male												
Total	537,892	481,889	277,817	1,297,599	367,402	320,523	171,145	859,069	170,491	161,366	106,673	438,530
15-19	12,757	5,895	5,333	23,985	3,597	1,462	971	6,030	9,159	4,433	4,362	17,955
20-24	31,106	34,520	36,237	101,863	17,189	22,951	19,679	59,819	13,917	11,569	16,559	42,045
25-29	63,137	64,221	30,546	157,904	44,030	35,871	18,748	98,650	19,107	28,349	11,798	59,254
30-34	77,664	83,476	46,447	207,586	54,058	60,132	31,940	146,130	23,606	23,344	14,507	61,456
35-39	84,147	80,035	42,026	206,207	58,227	57,742	25,075	141,044	25,920	22,292	16,951	65,163
40-44	62,468	61,143	31,650	155,261	43,926	44,072	23,210	111,209	18,542	17,071	8,440	44,052
45-49	63,273	60,236	23,862	147,370	44,635	41,565	11,596	97,796	18,638	18,671	12,265	49,574
50-54	61,461	36,894	21,323	119,679	45,406	20,863	12,224	78,493	16,055	16,031	9,100	41,186
55-59	35,476	33,928	20,990	90,394	25,816	25,230	13,880	64,925	9,660	8,698	7,111	25,469
60-64	22,287	9,321	4,721	36,330	15,760	5,499	2,104	23,363	6,527	3,822	2,617	12,967
65+	24,117	12,221	14,681	51,018	14,757	5,136	11,717	31,610	9,360	7,085	2,964	19,409
Female												
Total	367,644	459,519	267,716	1,094,879	240,792	335,221	181,565	757,578	126,852	124,297	86,152	337,301
15-19	10,754	7,710	6,828	25,292	2,427	1,006	1,842	5,276	8,327	6,704	4,986	20,017
20-24	32,155	35,590	30,202	97,947	18,048	21,847	22,721	62,615	14,107	13,743	7,481	35,331
25-29	48,357	55,373	30,485	134,215	32,007	42,277	19,576	93,859	16,350	13,096	10,910	40,356
30-34	77,565	99,755	37,194	214,515	59,334	78,906	24,856	163,096	18,231	20,850	12,338	51,419
35-39	55,225	71,796	44,537	171,558	41,406	52,902	28,387	122,696	13,819	18,894	16,149	48,862
40-44	47,668	66,568	33,251	147,487	27,000	51,028	23,445	101,473	20,669	15,539	9,805	46,014
45-49	29,343	42,662	23,801	95,806	17,216	29,081	16,562	62,859	12,127	13,581	7,239	32,947
50-54	25,287	31,099	24,758	81,144	16,604	21,916	19,981	58,501	8,683	9,183	4,777	22,643
55-59	21,499	23,649	15,281	60,429	13,534	17,804	10,650	41,988	7,965	5,845	4,632	18,441

Region	Total				Urban				Rural			
	Total	Yes	No	Don't know	Total	Yes	No	Don't	Total	Yes	No	Don't know
60-64	11,314	13,788	6,057	31,160	7,606	9,391	2,180	19,178	3,708	4,397	3,877	11,982
65+	8,477	11,528	15,321	35,326	5,611	9,062	11,364	26,037	2,866	2,466	3,957	9,289

TABLE 5.25: PROPORTION OF YOUTH (AGED 15-24 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	30.8	29.2	32.1	25.5	23.3	27.8	28.4	26.5	30.2
Western	25.4	25	25.8	19.9	13.1	26.9	22.7	19.3	26.4
Central	29.2	28.1	30.1	20	17.9	22	25.4	23.6	26.8
Greater Accra	34.2	34.6	33.8	25.9	27.1	25	33.4	34	33
Volta	32.1	29.1	35.2	28.4	22.8	33.8	30	25.6	34.4
Eastern	27.6	30.4	25.7	30.5	28.2	32.6	29.1	29.2	29
Ashanti	32.6	29.1	35.5	31.4	30.9	31.9	32.2	29.8	34.3
Western North	36.1	38.1	34.2	30.6	26.8	34.2	32.2	30.1	34.2
Ahafo	31.2	34.5	28.4	19.4	11.1	28.2	25.1	21.9	28.3
Bono	30.5	21.5	39.1	16.1	15.6	16.6	24.6	19	30.1
Bono East	25.3	21.7	28.9	10.4	8.4	13.2	18.6	15.3	22.5
Oti	22.1	14.6	30.1	17.8	10	25.8	19.2	11.6	27.2
Northern	29.3	26.5	31.8	29.4	33.2	25.3	29.4	30.4	28.3
Savannah	38	29.1	45.5	34.7	29.6	40.4	35.6	29.5	41.9
North East	29	30	28	21.7	20.4	23	24.1	23.5	24.6
Upper East	23.9	27.8	20.8	25.4	25.7	25	25.1	26.1	24
Upper West	14.2	11.6	16.6	22.3	18	26.6	20.5	16.6	24.3

TABLE 5.26: POPULATION OF YOUTH (AGED 15-24 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	1,046,807	463,260	583,546	695,726	319,968	375,758	1,742,533	783,228	959,305
Western	53,163	28,435	24,728	40,155	13,541	26,614	93,318	41,977	51,341
Central	92,289	39,581	52,708	45,538	19,687	25,851	137,828	59,268	78,560
Greater Accra	318,596	148,320	170,277	23,192	10,274	12,919	341,788	158,593	183,195
Volta	41,370	19,441	21,929	46,875	18,620	28,255	88,245	38,061	50,184
Eastern	78,500	35,855	42,644	89,071	39,212	49,859	167,571	75,068	92,503
Ashanti	223,214	89,441	133,773	130,816	64,845	65,971	354,030	154,286	199,744
Western North	21,715	10,889	10,826	42,632	18,293	24,339	64,347	29,182	35,165
Ahafo	17,804	9,240	8,564	11,711	3,449	8,263	29,515	12,689	16,826
Bono	44,648	15,379	29,269	16,307	7,990	8,318	60,955	23,368	37,587
Bono East	34,674	14,861	19,813	11,670	5,408	6,262	46,344	20,268	26,076
Oti	11,556	3,957	7,599	18,349	5,221	13,128	29,905	9,178	20,726
Northern	63,210	27,025	36,185	80,185	47,233	32,952	143,395	74,258	69,137
Savannah	13,751	4,822	8,930	33,481	14,970	18,511	47,233	19,792	27,441
North East	12,591	6,361	6,231	19,857	9,183	10,674	32,448	15,544	16,904
Upper East	14,095	7,384	6,711	55,149	29,458	25,691	69,244	36,842	32,402
Upper West	5,630	2,271	3,359	30,737	12,583	18,153	36,367	14,854	21,512

TABLE 5.27: POPULATION OF YOUTH (AGED 15-24 YEARS) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	3,402,839	1,584,101	1,818,738	2,724,081	1,370,857	1,353,224	6,126,920	2,954,958	3,171,961
Western	209,298	113,580	95,718	202,274	103,409	98,865	411,572	216,989	194,583
Central	316,209	140,933.00	175,276	227,323	109,912	117,410	543,532	250,845	292,687
Greater Accra	932,730	428,658.00	504,072	89,602	37,966	51,637	1,022,333	466,624	555,709
Volta	129,066	66,831.00	62,235	165,265	81,718	83,547	294,332	148,549	145,782
Eastern	284,376	118,132.00	166,244	291,802	138,883	152,919	576,177	257,015	319,162
Ashanti	683,960	307,336.00	376,625	416,258	209,710	206,549	1,100,219	517,045	583,173
Western North	60,225	28,549.00	31,677	139,359	68,275	71,084	199,584	96,824	102,760
Ahafo	56,986	26,806.00	30,180	60,386	31,132	29,254	117,372	57,938	59,434
Bono	146,580	71,658.00	74,922	101,230	51,179	50,051	247,810	122,837	124,973
Bono East	136,979	68,536	68,443	111,748	64,269	47,479	248,727	132,805	115,922
Oti	52,320	27,057	25,264	103,305	52,354	50,951	155,625	79,411	76,215
Northern	215,743	102,049	113,694	272,532	142,132	130,399	488,275	244,181	244,093
Savannah	36,220	16,596	19,623	96,388	50,568	45,820	132,607	67,165	65,443
North East	43,463	21,190	22,274	91,345	44,990	46,355	134,808	66,180	68,628
Upper East	58,914	26,598	32,317	217,302	114,615	102,687	276,217	141,213	135,004
Upper West	39,767	19,592	20,175	137,964	69,745	68,219	177,731	89,337	88,394

TABLE 5.28: PROPORTION OF YOUTH (AGED 15-24 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	21.5	19.3	23.5	22.1	20.7	23.3	20.8	17.7	23.9
Western	18.9	16.9	21	18.7	18.2	19.2	19.1	15.4	22.7
Central	18.1	15.1	20.7	18.6	15.4	21.3	17.5	14.8	20
Greater Accra	28.3	28.4	28.2	28.2	27.9	28.5	28.9	34	25.4
Volta	21.6	19.3	23.7	19.6	19.7	19.5	23.2	19.1	27.1
Eastern	25.2	20.8	28.9	23.6	21.3	25.2	26.9	20.4	32.9
Ashanti	19.6	18.7	20.3	20.3	19.4	21	18.4	17.7	19.1
Western North	15.6	12.4	18.6	14.8	12.4	16.9	15.9	12.4	19.3
Ahafo	20.3	18.2	22.3	23.5	22.9	24	17.2	14	20.7
Bono	18.2	17.9	18.5	16.3	16.5	16.2	20.7	19.6	22
Bono East	11.6	9.4	14.1	11.1	9.4	12.8	12.4	9.3	16
Oti	14.3	11.4	17.2	13.2	9.5	17.3	14.8	12.3	17.2
Northern	22.2	19	25.3	24.5	22.2	26.7	20.3	16.6	24.1
Savannah	29.7	21.4	38.5	28.5	20.2	35.9	30.2	21.8	39.6
North East	25	24.3	25.8	25.2	26	24.5	24.9	23.5	26.4
Upper East	23.2	20.1	26.3	20.2	18.1	22	24	20.6	27.6
Upper West	17.9	15.6	20.1	11.7	9.8	13.6	19.5	17.1	21.9

TABLE 5.29: POPULATION OF YOUTH (AGED 15-24 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	1,394,072	600,893	793,178	793,529	344,815	448,714	600,543	256,079	344,465
Western	84,404	39,248	45,156	42,036	22,005	20,031	42,367	17,242	25,125
Central	103,673	40,253	63,420	61,239	22,890	38,349	42,434	17,363	25,071
Greater Accra	307,164	137,525	169,639	279,839	124,424	155,415	27,325	13,101	14,224
Volta	68,129	29,508	38,621	27,556	13,195	14,360	40,573	16,312	24,261
Eastern	152,608	56,716	95,893	70,301	26,795	43,506	82,308	29,921	52,387
Ashanti	227,103	101,958	125,146	145,544	62,535	83,009	81,559	39,423	42,136
Western North	32,912	12,566	20,346	9,345	3,662	5,683	23,567	8,904	14,663
Ahafo	25,745	11,629	14,116	14,588	6,921	7,667	11,157	4,708	6,450
Bono	48,721	23,757	24,965	25,188	11,994	13,194	23,533	11,763	11,771
Bono East	30,048	12,683	17,366	16,104	6,958	9,146	13,944	5,724	8,220
Oti	23,466	9,489	13,977	6,901	2,588	4,313	16,564	6,900	9,664
Northern	111,450	47,880	63,569	54,992	24,198	30,794	56,458	23,682	32,776
Savannah	42,277	15,662	26,615	11,274	3,797	7,477	31,003	11,864	19,138
North East	35,172	17,530	17,642	11,473	5,790	5,683	23,699	11,740	11,959
Upper East	66,467	29,392	37,075	12,408	5,083	7,325	54,059	24,308	29,751
Upper West	34,732	15,101	19,631	4,740	1,977	2,763	29,992	13,124	16,868

TABLE 5.30: POPULATION OF YOUTH (AGED 15-24 YEARS) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	6,482,622	3,110,301	3,372,321	3,591,367	1,663,309	1,928,058	2,891,255	1,446,992	1,444,263
Western	447,309	232,385	214,925	224,960	120,635	104,324	222,350	111,750	110,600
Central	571,858	266,175	305,683	328,909	148,801	180,108	242,949	117,374	125,575
Greater Accra	1,086,492	484,855	601,638	991,938	446,275	545,664	94,554	38,580	55,974
Volta	315,902	152,603	163,299	140,661	66,980	73,681	175,242	85,623	89,618
Eastern	604,410	272,519	331,891	298,232	125,735	172,497	306,177	146,784	159,394
Ashanti	1,160,757	545,293	615,464	717,990	322,986	395,004	442,767	222,306	220,461
Western North	210,766	101,280	109,485	62,997	29,418	33,579	147,769	71,862	75,907
Ahafo	126,975	63,774	63,201	62,158	30,171	31,987	64,817	33,603	31,214
Bono	267,791	132,708	135,083	154,330	72,679	81,651	113,460	60,028	53,432
Bono East	258,433	135,444	122,989	145,544	73,828	71,715	112,889	61,615	51,274
Oti	164,423	83,290	81,133	52,160	27,277	24,883	112,263	56,013	56,250
Northern	503,038	251,497	251,541	224,484	109,191	115,294	278,554	142,306	136,247
Savannah	142,436	73,334	69,103	39,623	18,795	20,828	102,813	54,538	48,275
North East	140,621	72,192	68,428	45,468	22,280	23,188	95,152	49,913	45,240
Upper East	287,030	146,046	140,984	61,339	28,026	33,313	225,692	118,021	107,671

TABLE 5.31: PROPORTION OF YOUTH (AGED 15-35 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Urban			Rural			Total		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	27.6	24.9	29.8	23.5	20	26.7	25.9	22.7	28.6
Western	25.4	23.6	27	17	10.9	22.8	21.3	17.2	25
Central	26.2	22.5	29	19.3	14.9	22.9	23.4	19.4	26.6
Greater Accra	31.5	30.8	32	25.7	23.6	27.3	31	30.2	31.6
Volta	29.1	26.7	31.2	23.7	18.1	28.5	26.2	22	29.8
Eastern	24	24.3	23.8	26.8	22.7	30.3	25.4	23.5	26.9
Ashanti	27.3	22.9	30.6	28.5	25.2	31.5	27.8	23.8	30.9
Western North	28.5	27.8	29.1	24.8	21.6	27.6	25.9	23.4	28.1
Ahafo	27.6	29	26.4	18.2	9.8	26.2	22.8	18.7	26.3
Bono	27.7	23.1	31.6	19.9	15	24.2	24.7	19.9	28.8
Bono East	24.7	20.3	28.5	9.5	7.6	11.6	17.9	14.2	21.4
Oti	18.8	11.5	25.5	15.5	9	22.4	16.6	9.8	23.5
Northern	25	18	30.3	27.4	27.8	27	26.3	23.5	28.7
Savannah	34.8	22.3	44.5	32.4	27.4	37.5	33.2	25.9	39.9
North East	24.7	22.4	26.7	21.3	19.2	23.2	22.5	20.3	24.4
Upper East	20.8	21.6	20.1	24.5	24.3	24.6	23.6	23.7	23.4
Upper West	20	10	28.4	24.1	20.4	27.8	23	17.9	27.9

TABLE 5.32: POPULATION OF YOUTH (AGED 15-35 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Urban			Rural			Total		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	1,667,338	661,493	1,005,845	1,044,567	430,083	614,484	2,711,906	1,091,577	1,620,329
Western	94,027	40,225	53,802	59,677	18,817	40,861	153,705	59,042	94,662
Central	144,175	53,525	90,650.00	70,224	24,442	45,782	214,399	77,967	136,432
Greater Accra	549,909	238,823	311,086.00	40,233	16,387	23,846	590,142	255,209	334,932
Volta	67,565	28,837	38,727.00	66,992	23,695	43,298	134,557	52,532	82,025
Eastern	118,927	50,138	68,789.00	128,918	49,832	79,086	247,844	99,969	147,875
Ashanti	318,746	113,608	205,138.00	197,915	84,149	113,767	516,662	197,757	318,905
Western North	28,360	12,125	16,234.00	54,657	22,509	32,148	83,017	34,635	48,382
Ahafo	26,135	11,970	14,165.00	17,912	4,697	13,214	44,047	16,667	27,379
Bono	70,227	26,536	43,691.00	31,818	11,207	20,611	102,045	37,743	64,301
Bono East	56,147	21,304	34,844	17,688	7,452	10,236	73,835	28,755	45,079
Oti	15,671	4,638	11,033	25,669	7,720	17,949	41,340	12,358	28,982
Northern	94,527	29,667	64,860	116,947	59,113	57,834	211,474	88,780	122,694
Savannah	24,145	6,776	17,369	47,428	20,268	27,160	71,573	27,044	44,529
North East	19,264	8,245	11,019	31,046	13,397	17,649	50,310	21,642	28,668
Upper East	23,910	11,479	12,432	84,468	44,143	40,325	108,378	55,622	52,756
Upper West	15,603	3,597	12,006	52,976	22,256	30,719	68,579	25,853	42,726

TABLE 5.33: POPULATION OF YOUTH (AGED 15-35 YEARS) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	6,038,510	2,660,579	3,377,931	4,445,336	2,148,196	2,297,140	10,483,846	4,808,776	5,675,071
Western	369,682	170,629	199,052	351,645	172,717	178,928	721,326	343,346	377,981
Central	549,889	237,490	312,400	364,414	164,547	199,867	914,303	402,037	512,267
Greater Accra	1,748,349	775,989	972,360	156,707	69,473	87,234	1,905,056	845,461	1,059,594
Volta	231,813	107,829	123,984	282,408	130,725	151,682	514,220	238,554	275,666
Eastern	495,010	206,398	288,612	480,445	219,658	260,786	975,455	426,057	549,398
Ashanti	1,166,168	496,374	669,794	694,737	333,575	361,162	1,860,905	829,949	1,030,956
Western North	99,501	43,630	55,871	220,637	104,145	116,492	320,138	147,775	172,363
Ahafo	94,860	41,217	53,644	98,514	48,065	50,450	193,375	89,281	104,094
Bono	253,293	115,002	138,291	159,731	74,584	85,147	413,024	189,586	223,438
Bono East	227,283	105,091	122,192	186,274	98,045	88,229	413,557	203,136	210,421
Oti	83,573	40,225	43,349	165,764	85,713	80,050	249,337	125,938	123,399
Northern	378,756	164,708	214,048	426,772	212,606	214,167	805,528	377,314	428,214
Savannah	69,373	30,349	39,023	146,408	73,948	72,460	215,781	104,297	111,484
North East	78,009	36,810	41,199	145,917	69,777	76,140	223,926	106,587	117,339
Upper East	114,819	53,023	61,796	345,383	181,649	163,734	460,202	234,672	225,530
Upper West	78,133	35,816	42,317	219,580	108,971	110,608	297,713	144,787	152,925
Quarter 2									
All regions	21.1	18	23.8	22.1	19.1	24.4	19.9	16.5	23
Western	18.2	15.7	20.5	17.9	16.5	19.2	18.6	15	22
Central	18.3	13.8	21.9	18.4	13	22.6	18.1	15	20.7
Greater Accra	26.8	25	28.1	26.7	24.6	28.3	28.1	30.6	26.1
Volta	21.6	18	24.6	21.2	21.2	21.3	22	15.6	27.4
Eastern	22.6	18.3	25.9	20.4	18.4	21.9	24.8	18.3	30.3
Ashanti	20.8	18.7	22.5	22.5	20	24.4	18	16.7	19.1
Western North	14.5	11.9	16.6	14.7	12	16.8	14.3	11.8	16.6
Ahafo	18.2	14.7	21.2	20.7	18.2	22.7	15.8	11.7	19.8

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Bono	19	17.1	20.6	17.1	15.6	18.2	21.9	19.1	24.6
Bono East	12.7	7.7	17.5	13.8	8.2	18.7	11.3	7.1	15.8
Oti	13.8	10.3	17.4	14.9	10.3	19.2	13.3	10.4	16.5
Northern	21.5	16.5	26	23.9	17.3	29.2	19.4	15.8	22.9
Savannah	26.7	19.5	33.7	29.5	20.1	37.1	25.4	19.3	31.8
North East	24.9	23.4	26.2	24.9	25.3	24.6	24.9	22.5	27.2
Upper East	22	20	24.1	20.4	19.7	21	22.6	20.1	25.3
Upper West	17.8	14.8	20.6	13.1	7.9	17.5	19.4	17	21.7

TABLE 5.34: POPULATION OF YOUTH (AGED 15-35 YEARS) NOT IN EDUCATION, EMPLOYMENT OR TRAINING (NEET) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	2,283,733	887,317	1,396,415	1,369,625	520,694	848,931	914,108	366,624	547,484
Western	136,955	56,312	80,643	68,578	29,417	39,161	68,377	26,895	41,482
Central	172,895	57,953	114,942	103,787	31,943	71,843	69,108	26,010	43,098
Greater Accra	525,768	213,621	312,147	481,047	192,285	288,762	44,721	21,336	23,385
Volta	114,997	43,411	71,586	50,764	22,396	28,369	64,233	21,015	43,218
Eastern	226,487	80,868	145,618	103,357	39,409	63,948	123,129	41,459	81,670
Ashanti	398,051	158,314	239,736	269,430	101,481	167,948	128,621	56,833	71,788
Western North	47,640	17,968	29,672	14,944	5,233	9,711	32,695	12,735	19,961
Ahafo	36,471	13,817	22,653	20,280	7,961	12,319	16,191	5,856	10,335
Bono	82,042	34,125	47,917	44,331	18,149	26,183	37,711	15,977	21,734
Bono East	53,611	15,854	37,757	32,365	9,001	23,364	21,246	6,853	14,393
Oti	35,731	13,463	22,267	12,321	4,149	8,172	23,410	9,314	14,096
Northern	176,448	63,381	113,067	92,676	29,762	62,913	83,772	33,619	50,153
Savannah	60,381	21,522	38,859	21,772	6,637	15,135	38,610	14,885	23,724
North East	57,072	26,233	30,839	19,974	9,461	10,513	37,098	16,772	20,326
Upper East	103,582	47,850	55,732	23,723	10,508	13,215	79,859	37,342	42,517
Upper West	55,603	22,624	32,978	10,278	2,902	7,376	45,325	19,723	25,603

TABLE 5.35: POPULATION OF YOUTH (AGED 15-35 YEARS) BY REGION, TYPE OF LOCALITY AND SEX

Region	Total			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions	10,806,467	4,940,489	5,865,977	6,205,848	2,721,834	3,484,014	4,600,619	2,218,656	2,381,963
Western	750,807	358,275	392,532	382,549	178,532	204,017	368,258	179,743	188,515
Central	945,502	419,629	525,874	564,049	246,379	317,670	381,453	173,250	208,203
Greater Accra	1,963,862	852,857	1,111,005	1,804,489	783,030	1,021,459	159,373	69,827	89,546
Volta	531,213	240,579	290,634	238,950	105,868	133,082	292,262	134,710	157,552
Eastern	1,003,000	441,205	561,795	506,199	214,285	291,915	496,800	226,920	269,880
Ashanti	1,912,533	848,475	1,064,058	1,196,517	508,488	688,029	716,015	339,987	376,029
Western North	329,415	151,035	178,381	101,320	43,485	57,835	228,095	107,549	120,546
Ahafo	200,654	94,004	106,650	98,175	43,822	54,352	102,480	50,182	52,298
Bono	431,726	199,559	232,167	259,669	115,983	143,686	172,058	83,576	88,482
Bono East	422,268	206,052	216,216	234,588	109,699	124,889	187,680	96,353	91,327
Oti	258,281	130,115	128,166	82,768	40,184	42,585	175,512	89,931	85,581
Northern	819,145	384,644	434,502	387,567	171,759	215,808	431,578	212,884	218,694
Savannah	225,744	110,267	115,477	73,803	33,011	40,793	151,940	77,256	74,685
North East	229,496	111,997	117,499	80,220	37,421	42,799	149,276	74,576	74,700
Upper East	470,197	239,059	231,138	116,234	53,299	62,935	353,963	185,761	168,202
Upper West	312,623	152,740	159,883	78,749	36,588	42,161	233,874	116,152	117,723

TABLE 5.36: PROPORTION OF EMPLOYED POPULATION WITH SAFETY MEASURE COMPLIANCE AT WORKPLACE BY MAIN OCCUPATION AND TYPE OF LOCALITY

Major Occupation	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	7.5	9.6	5.6	10.2	13.3	7.7	4.1	5.3	2.9
Managers	29.4	36.1	19	29.7	35.3	20.8	27.7	41	11.1
Professionals	37.2	37.1	37.2	38.2	38	38.5	32.9	33.8	31.6
Technicians and associate professionals	41.5	41.4	41.8	43.2	41.9	46.4	33.2	38.9	17.7
Clerical support workers	26.5	25.2	28.4	28.2	27.1	29.6	18.2	16.8	20.8
Service and sales workers	4.8	10.5	3.4	4.9	10.2	3.5	4.3	11.6	3
Skilled agriculture/ fishery workers	2	2.4	1.5	2.8	3.1	2.5	1.7	2.2	1.2
Craft and related trades workers	2.9	3.9	1.7	2.8	3.6	1.5	3.3	4.6	2.2
Plant machine operators and assemblers	12	11.9	16.1	13.2	13	22.2	9.9	10	8.5
Elementary occupations	8.2	7.8	8.5	9.9	10.4	9.4	5	3.8	6.4
Other occupation	46.1	48.4	0	46.1	48.4	0	0	0	0
Total	840,367	507,256	333,110	635,092	375,335	259,757	205,275	131,922	73,353
Managers	67,289	50,099	17,191	56,694	41,413	15,281	10,595	8,686	1,909
Professionals	236,212	125,040	111,173	194,307	99,919	94,388	41,905	25,121	16,784
Technicians and associate professionals	79,636	56,492	23,144	68,768	47,186	21,583	10,868	9,306	1,562
Clerical support workers	53,020	30,117	22,903	46,876	26,338	20,538	6,144	3,778	2,365
Service and sales workers	146,911	63,422	83,489	114,246	49,884	64,362	32,665	13,538	19,127
Skilled agriculture/ fishery workers	78,239	50,965	27,274	25,215	15,524	9,691	53,024	35,442	17,583
Craft and related trades workers	46,525	34,082	12,442	30,387	23,488	6,899	16,138	10,595	5,543
Plant machine operators and assemblers	65,559	62,902	2,657	45,474	43,442	2,032	20,085	19,460	625
Elementary occupations	64,423	31,587	32,837	50,573	25,590	24,983	13,851	5,997	7,854
Other occupation	2,551	2,551		2,551	2,551				
Total	11,214,069	5,291,108	5,922,961	6,206,805	2,817,083	3,389,722	5,007,264	2,474,025	2,533,238
Managers	229,175	138,607	90,568	190,876	117,446	73,430	38,299	21,161	17,138
Professionals	635,800	337,338	298,463	508,322	262,969	245,353	127,479	74,368	53,110

Major Occupation	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Technicians and associate professionals	191,827	136,512	55,314	159,094	112,603	46,491	32,733	23,910	8,823
Clerical support workers	200,209	119,560	80,650	166,374	97,099	69,276	33,835	22,461	11,374
Service and sales workers	3,080,049	605,959	2,474,091	2,316,811	489,418	1,827,394	763,238	116,541	646,697
Skilled agriculture/ fishery workers	3,948,013	2,140,937	1,807,076	900,495	507,169	393,325	3,047,518	1,633,768	1,413,750
Craft and related trades workers	1,587,700	875,040	712,659	1,103,723	644,141	459,582	483,977	230,900	253,077
Plant machine operators and assemblers	545,664	529,184	16,481	343,208	334,043	9,166	202,456	195,141	7,315
Elementary occupations	790,101	402,705	387,396	512,371	246,928	265,443	277,730	155,776	121,953
Other occupation	5,530	5,267	263	5,530	5,267	263			
Quarter 2									
Total	6	7.6	4.5	8.1	10.9	5.8	3.4	4	2.7
Managers	16.7	20.1	13.2	18.8	23.6	13.7	8.4	4.2	11.7
Professionals	28.5	25.8	31.5	29.4	27.6	31.3	24.9	20.7	32.4
Technicians and associate professionals	32.6	32.8	32.1	32.8	31.5	37.5	31.6	41.1	11.4
Clerical support workers	20.2	15.6	26.1	20.1	15.7	25.7	21.3	15.1	28.7
Service and sales workers	4	9.5	2.6	4.1	9.5	2.6	3.9	9.4	2.6
Skilled agriculture/ fishery workers	1.5	1.7	1.3	1.3	1.8	0.6	1.6	1.7	1.5
Craft and related trades workers	3.8	6.1	1.4	4.3	6.6	1.4	2.8	4.8	1.3
Plant machine operators and assemblers	9.6	10	0	11.3	11.7	0	6.1	6.3	0
Elementary occupations	6.2	5.3	7.3	7.1	5.6	8.5	4.9	5	4.7
Other occupation	100	100	0	100	100	0	0	0	0
Total	635,128	380,686	254,441	474,360	286,325	188,035	160,768	94,362	66,406
Managers	26,077	15,731	10,346	23,360	15,143	8,217	2,717	587	2,129
Professionals	177,705	86,708	90,996	143,951	68,758	75,193	33,754	17,950	15,803
Technicians and associate professionals	62,104	47,994	14,110	52,972	39,908	13,064	9,133	8,086	1,047
Clerical support workers	37,589	16,090	21,499	32,230	14,038	18,192	5,359	2,052	3,307
Service and sales workers	115,897	55,725	60,172	90,700	44,467	46,234	25,196	11,258	13,938
Skilled agriculture/ fishery workers	59,664	35,523	24,141	11,176	8,856	2,320	48,488	26,667	21,822

Major Occupation	All locality types			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Craft and related trades workers	58,148	48,318	9,830	44,913	38,591	6,322	13,235	9,727	3,508
Plant machine operators and assemblers	48,162	48,162	0	38,389	38,389	0	9,773	9,773	0
Elementary occupations	43,435	20,088	23,347	30,321	11,826	18,495	13,114	8,262	4,853
Other occupation	6,348	6,348	0	6,348	6,348	0	0	0	0
Total	10,656,305	4,982,219	5,674,085	5,862,619	2,631,009	3,231,609	4,793,686	2,351,210	2,442,476
Managers	156,387	78,153	78,235	124,224	64,212	60,013	32,163	13,941	18,222
Professionals	624,547	335,536	289,011	489,179	248,942	240,237	135,368	86,594	48,774
Technicians and associate professionals	190,459	146,446	44,013	161,559	126,763	34,796	28,900	19,683	9,217
Clerical support workers	185,643	103,261	82,382	160,512	89,651	70,862	25,130	13,610	11,520
Service and sales workers	2,872,506	588,297	2,284,210	2,218,736	468,035	1,750,701	653,770	120,262	533,508
Skilled agriculture/ fishery workers	3,909,107	2,073,986	1,835,121	889,795	500,033	389,762	3,019,312	1,573,953	1,445,359
Craft and related trades workers	1,512,575	790,353	722,222	1,041,805	586,251	455,554	470,770	204,102	266,668
Plant machine operators and assemblers	501,553	483,353	18,200	341,225	329,081	12,144	160,328	154,272	6,056
Elementary occupations	697,180	376,487	320,692	429,234	211,694	217,540	267,946	164,793	103,153
Other occupation	6,348	6,348	0	6,348	6,348	0	0	0	0

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