

# Ghana - Population and Housing Census 2021 - Ghana

**Ghana Statistical Service - Ministry of Finance**

Report generated on: September 13, 2022

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# Overview

## Identification

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ID NUMBER  
GHA-GSS-2021PHC-2021-v1.0

## Version

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VERSION DESCRIPTION  
Production Date: 2022-09-13

v1.0: 10 percent sample data

PRODUCTION DATE  
2022-09-13

NOTES  
This is the first version of the sample dataset

## Overview

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### ABSTRACT

The population and housing census (PHC) is the unique source of reliable and comprehensive data about the size of population and also on major socio-economic & socio-demographic characteristics of the country. It provides data on geographic and administrative distribution of population and household in addition to the demographic and socio-economic characteristics of all the people in the country.

Generally, it provides for comparing and projecting demographic data, social and economic characteristics, as well as household and housing conditions at all levels of the country's administrative units and dimensions: national, regional, districts and localities. The data from the census is classified, tabulated and disseminated so that researchers, administrators,

policy makers and development partners can use the information in formulating and implementing various multi-sectorial development programs at the national and community levels. Data on all key variables namely area, household, population, economic activity, literacy and education, fertility and child survival, housing conditions and sanitation are collected and available in the census data.

The 2021 PHC in Ghana had an overarching goal of generating updated demographic, social and economic data, housing characteristics and dwelling conditions to support national development planning activities.

KIND OF DATA  
Census/enumeration data [cen]

UNITS OF ANALYSIS

- Individuals
- Households
- Emigrants
- Absentee population
- Mortality
- Type of residence (households and non household)

## Scope

### NOTES

The scope of the Population and Housing Census includes:

**HOUSING:** Housing conditions and community facilities

**HOUSEHOLD:** Household characteristics, absentees, emigrants, ICT use and agricultural activities

**PERSONS:** Marital status, literacy, education, economic activity, disability and use of ICT, fertility for women aged 12 and above and women 12 years and older

### TOPICS

Topic	Vocabulary	URI
censuses [14.1]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
information technology [16.2]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
basic skills education [6.1]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
agricultural, forestry and rural industry [2.1]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
fertility [14.2]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
morbidity and mortality [14.4]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
housing [10.1]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
economic conditions and indicators [1.2]	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>

### KEYWORDS

Census, 2021, Housing, Household, head of household, Roster, Emigration, Population, Age, Sex, Religion, Education, Literacy, ethnicity, Marital Status, Occupation, Industry, Employment sector, Employment status, Disability, ICT, Fertility, birth, Children ever born, Children surviving, Children born in the past 12 months, Mortality, Agriculture, Crop farming, Tree growing, Livestock rearing, Fish farming, Type of dwelling, Outer wall, Floor, Roof, Tenure, Ownership, Rooms, Lighting, Water, Cooking fuel, Cooking space, Bathing facility, Toilet, waste disposal, Community facilities, Region, residence

## Coverage

### GEOGRAPHIC COVERAGE

National Coverage , Region , District

### GEOGRAPHIC UNIT

The lowest level of geographic aggregation covered by the data is the Enumeration Area which is the small geographical unit covered by each Census Enumerator.

### UNIVERSE

The 2021 census covered a de-facto population count of Ghana on Census Night (27th June 2021). These were all usual residents, infants sick as well as the mentally challenged, inmates of institutions. out-door sleepers and all persons who spend census night within the boarders of Ghana, semi-stable floating population enumeration was done immediately after midnight of Census Night. Enumeration was done on Census Night of fishermen, other persons at sea and other persons in Field Camps.

All persons who spent census night (midnight of 27th June 2021) in Ghana

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Ghana Statistical Service	Ministry of Finance

### OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Finance		Technical assistance

### FUNDING

Name	Abbreviation	Role
Government of Ghana	GoG	
United Nations Fund for Population Activities	UNFPA	Technical assistance and material support.
United Nations Development Programme	UNDP	Technical assistance and material support.
World Bank	WB	Technical assistance and material support.

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Ghana Statistical Service	GSS	autonomous	Documentation of the study

### DATE OF METADATA PRODUCTION

2022-09-13

### DDI DOCUMENT VERSION

2022-09-13 v1.0: 10 percent sample data

### DDI DOCUMENT ID

DDI-GHA-GSS-PHC-2021-v1.0

## Sampling

### **Sampling Procedure**

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Response Rate  
100 percent

### **Response Rate**

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100 per cent

### **Weighting**

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There are weights to be applied to this 10 percent census dataset. Each file has the corresponding weight variable

# Questionnaires

## Overview

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PHC-1A: Household questionnaire - administered to household population. This questionnaire includes modules on Household roster, Usual household members absent, Emigration, Population, Mortality, ICT, Agriculture and Housing

PHC-1A Usual Members Absent Continuation Sheet

PHC-1A Emigration Continuation Sheet

PHC-1B: Group quarter questionnaire - administered to homeless households and group quarter population. This excludes usual members absent, emigration, mortality, ICT at household level, agricultural and housing modules.

PHC-1C: Group quarter questionnaire which was administered to individual members and later transferred to PHC-1B questionnaire

PHC-3: EA Result Sheet - Captured summary information on population by sex and the number of localities in each Enumeration Area (EA).

PHC-4: Final Summary Sheet - Captured summary information on the number of residential structures, number of households, population by sex and household and non-household population and the availability of telecommunication, education, health and toilet facilities in the locality.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2021-09-26	2021-10-22	N/A

### Data Collection Mode

Computer Assisted Personal Interview [CAPI]

### Data Collection Notes

A trial census was held in 6 selected districts in November 2009 for 10 days. This was followed by the training of Training of Trainers. The trainers were to become supervisors of the main census.

The fieldwork began on 20th September 2021 with identification of EA boundaries, listing of structures, enumeration of institutional population and floating population, and continued with the enumeration of the household population after Census Night (26th September 2021) for three weeks. A mop-up exercise to cover about 10 percent uncompleted areas, mainly in selected Districts, was carried out until the end of November. The coverage of the population was mainly on a de-facto basis, but a questionnaire item was provided to enable the usual resident population to be obtained.

Questionnaires were in the English language but enumerators, as part of their training were encouraged to use the local language when the need arose.

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### Data Collectors

Name	Abbreviation	Affiliation
Ghana Statistical Service	GSS	

### Supervision

The 2021 Population and Housing Census had these levels of supervision:

Field Operations Coordinator (a member of the National Census Coordinating Team in Accra) who was responsible for the entire field operation;

At the Regional level, the highest authority was the Regional Census Officer, who was responsible for all aspects of census work as well as the overall supervision of census operations in the region. He/she was assisted by the Assistant Regional Census Officer;

Each Administrative District was under the supervision of a District Census Officer (DCO). The DCO was assisted by a number of Senior Field Supervisors;

Each District was divided into Supervision Areas, each of which was under one Field Supervisor. A Field Supervisor had between five and seven Enumerators to supervise.



# Data Processing

## Data Editing

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The Census data editing was implemented at three levels:

1. Field editing by interviewers and supervisors
2. Office editing and coding of occupation and industry
3. Data cleaning and imputation

Data editing was partly manual and partly automatic. Occupation and Industry coding was done by the Field Supervisors but they were edited in the office after the field work. The questionnaire reference numbers were also reviewed as part of the preparatory activities before scanning.

## Other Processing

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The data was captured using the scanning technology.

Data capture for the main census began in July 2011, using Fujitsu document scanners.

The data capture involved scanning of the questionnaire, interpretation of the scanned marks, transfer of the data and loading the scanned data into an oracle database. Periodic backups of the data and images were made on compact tapes.

Three 8-hour shift groups, each with a scanning assistant and a supervisor initially worked around the clock, 7 days a week for the first 6 months. Later, the duration of work was changed to a 12-hour shift for the remaining of the period that the scanning of the census questionnaires took to complete.

## Data Appraisal

### **Estimates of Sampling Error**

There was no sampling.

### **Other forms of Data Appraisal**

A post Enumeration Survey (PES) was conducted to assess the extent of coverage and content error.  
( See Administrative Report )