

Ghana - Population and Housing Census 2010 - Ghana

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Overview

Identification

ID NUMBER

GHA-GSS-PHC-2010-v1.0

Version

VERSION DESCRIPTION

v1.0: Raw sample data, obtained from data entry, for office use only

PRODUCTION DATE

2011-12-12

NOTES

This is the first version of the sample dataset

Overview

ABSTRACT

The 2010 Census was undertaken to update current information on the size, sex, age, composition and other characteristics of Ghana's population and to ascertain the specific changes in these characteristics which had taken place since the last census was conducted in 2000. The Census was expected to ensure the continuation of a time series of demographic and socio-economic benchmark data at the national and sub-national levels and enhance the capability-building programme of the Statistical Service. The main objective of the 2010 Population and Housing Census was to update the statistical information on the characteristics of the population of Ghana.

The 2010 Population and Housing Census is the second time a full-scale housing census was conducted with a population census in one single operation.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households (including household emigrants, amenities and agricultural activities)

Individuals (including females 12 years and older and females 12-54 years)

communities (including education, health and sanitation facilities)

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 | http://www.nesstar.org/rdf/common |
| information technology [16.2] | CESSDA | http://www.nesstar.org/rdf/common |
| basic skills education [6.1] | CESSDA | http://www.nesstar.org/rdf/common |
| agricultural, forestry and rural industry [2.1] | CESSDA | http://www.nesstar.org/rdf/common |
| fertility [14.2] | CESSDA | http://www.nesstar.org/rdf/common |
| morbidity and mortality [14.4] | CESSDA | http://www.nesstar.org/rdf/common |
| housing [10.1] | CESSDA | http://www.nesstar.org/rdf/common |
| economic conditions and indicators [1.2] | CESSDA | http://www.nesstar.org/rdf/common |

KEYWORDS

Census, 2010, 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

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 2010 census covered a de-facto population count of Ghana on Census Night (26th September 2010). 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 types of housing structures were listed a week before the census night.

All enumeration of institutional population was done a week before the Census Night

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name | Affiliation |
|------|-------------|
|------|-------------|

| Name | Affiliation |
|---------------------------|---|
| Ghana Statistical Service | Ministry of Finance and Economic Planning |

OTHER PRODUCER(S)

| Name | Affiliation | Role |
|---|-------------|----------------------|
| Ministry of Finance and Economic Planning | | Technical assistance |
| Ministry of Education | | Technical assistance |
| United Nations Fund for Population Activities | | 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. |
| Department for International Development | DFID | Technical assistance and material support. |
| United Nations Children Fund | UNICEF | Technical assistance and material support. |
| Danish International Development Agency | DANIDA | Technical assistance and material support. |
| Republic of China | GoC | Technical assistance and material support. |

OTHER ACKNOWLEDGEMENTS

| Name | Affiliation | Role |
|---------------------------------------|-------------|----------------------|
| Ministry of Education | | Technical assistance |
| Ministry of Information | | Technical assistance |
| Information Services Department | | Technical assistance |
| Ghana Education Service | | Technical assistance |
| Ministry of Defence | | Technical assistance |
| Ghana Armed Forces | | Technical assistance |
| Ministry of Interior | | Technical assistance |
| Ghana Police Service | | Technical assistance |
| Ghana Immigration Service | | Technical assistance |
| Ghana Civil Aviation | | Technical assistance |
| Ghana Airport Authority | | Technical assistance |
| Ghana Fire Service | | Technical assistance |
| Customs Excise and Preventive Service | | Technical assistance |
| Ghana Prisons Service | | Technical assistance |
| Ministry of Health | | Technical assistance |
| Ministry of Local Government | | Technical assistance |
| District Assemblies | | Technical assistance |
| Electoral Commission | | Technical assistance |
| Ghana Highways Authority | | Technical assistance |
| Survey Department | | Technical assistance |

| Name | Affiliation | Role |
|------|-------------|----------------------|
| | | Technical assistance |

Metadata Production

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION

2012-07-09

DDI DOCUMENT VERSION

Version1.0 (July 2012)

DDI DOCUMENT ID

DDI-GHA-GSS-PHC-2010-v1.0

Sampling

Sampling Procedure

There was no sampling

Response Rate

100 per cent

Weighting

There are no weights applied to the census dataset.

Questionnaires

Overview

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 |
|------------|------------|-------|
| 2010-09-26 | 2010-10-22 | N/A |

Time Periods

| Start | End | Cycle |
|------------|-----|-------|
| 2010-09-26 | | 10 |

Data Collection Mode

Face-to-face [f2f]

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 2010 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 2010) 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 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.

Questionnaires

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Data Collectors

| Name | Abbreviation | Affiliation |
|---------------------------|--------------|-------------|
| Ghana Statistical Service | GSS | |
| Ministry of Education | MOF | |

Supervision

The 2010 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

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

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)

