

Ghana - Population and Housing Census 2000

Ghana Statistical Service, Office of the President

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Overview

Identification

ID NUMBER

GHA-GSS-PHC-2000-v1.0

Version

VERSION DESCRIPTION

v1.0: Edited, anonymous dataset for public distribution.

PRODUCTION DATE

2003-09-15

Overview

ABSTRACT

The 2000 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 1984. 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 2000 Population and Housing Census was to update the statistical information on the characteristics of the population of Ghana.

The 2000 Population and Housing Census is the first 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, individuals and houses

Scope

NOTES

The scope of the Population and Housing Census includes:

- HOUSEHOLD: Household characteristics, household listing,
- PERSONS :Marital status, literacy, education, economic activity, Fertility for women aged 12 and above
- HOUSING: Housing condition

TOPICS

Topic	Vocabulary	URI
censuses [14.1]	CESSDA	http://www.nesstar.org/rdf/common
employment [3.1]	CESSDA	http://www.nesstar.org/rdf/common
unemployment [3.5]	CESSDA	http://www.nesstar.org/rdf/common
EDUCATION [6]	CESSDA	http://www.nesstar.org/rdf/common
fertility [14.2]	CESSDA	http://www.nesstar.org/rdf/common
housing [10.1]	CESSDA	http://www.nesstar.org/rdf/common

KEYWORDS

Ghana 2000 Population and Housing Census, Population and Housing Census, Population Census, Housing Census, Age, Sex, Educational attainment, Marital status, Religion, occupation, industry, Construction materials, source of drinking water, source of lighting, disposal of solid waste, disposal of liquid waste

Coverage**GEOGRAPHIC COVERAGE**

National

UNIVERSE

The 2000 census covered de-facto population of Ghana on Census Night (26 March 2000). These were all usual residents, inmates of institutions, out-door sleepers immediately after midnight Census Night Enumeration of the semi-stable floating population. Enumeration on Census Night of fishermen and other persons at sea and other persons in Field Camps and all types of housing structures

Producers and Sponsors**PRIMARY INVESTIGATOR(S)**

Name	Affiliation
Ghana Statistical Service	Office of the President

OTHER PRODUCER(S)

Name	Affiliation	Role
National Population Council	Government of Ghana	Technical Assistance in questionnaire design
Institute of Statistical, Social and Economic Research	University of Ghana	Technical Assistance in questionnaire design & analysis
Ministry of Education	Government of Ghana	Technical Assistance in data collection
United States Bureau of the Census	US State Department	Technical Assistance in data analysis
Japanese Development Corporation	Government of Japan	Technical Assistance in data processing
United Nations Fund for Population Activities	United Nations	Technical Assistance in data analysis and dissemination

FUNDING

Name	Abbreviation	Role
Government of Ghana	GoG	76 per cent of total funding
Department for International Development	DFID	Vehicles, Data capture equipment, generator

Name	Abbreviation	Role
United Nations Fund for Population Activities	UNFPA	Technical assistance, advocacy for donor support and funds
United States Agency for Interantional Development	USAID	Advocacy and funds
Japanese Development Coporation	JICA	Computers, Resident Consultant
Government of China	GoC	Motorbikes , bicycles

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Ghana Statistical Service	GSS	Office of the President	Compiling, reviewing and archiving the survey

DATE OF METADATA PRODUCTION

2008-04-14

DDI DOCUMENT VERSION

Version 1.0 (August 2008)

DDI DOCUMENT ID

DDI-GHA-GSS-PHC-2000-v1.0

Sampling

Sampling Procedure

Total coverage

Response Rate

100 per cent

Weighting

No weights applied to the census dataset.

Questionnaires

Overview

Consultation with Users

Work on the census questionnaire started in 1998 bearing in mind the data needs of the country. A simple questionnaire was sent to the ministries, relevant government departments, research institutions, relevant departments in the universities, private business associations and other users seeking information on the following:

whether the organization had used any previous census data

the specific census data used

what use the census data were put

any data that were needed but had not been provided in previous censuses

general comments on population censuses.

Response to the questionnaire was encouraging; some respondents sent in the completed forms while others came over to discuss their data needs.

Selection of Topics

Selecting topics for inclusion in the questionnaire involved the review and consideration of the following:

topics covered in the 1984 population census,

recommended topics from the United Nations Principles and Recommendations for the 2000 round of Population and Housing Censuses,

data requests and suggestions from users based on the answers to the questionnaire sent to them,

list of users' requests compiled by the Statistical Service over a period of time.

A number of meetings were held at both the Census Secretariat and the Technical Advisory Committee levels to discuss the topics and requests. Decisions on topics for inclusion were based on the relevance of topics and the data needs of the country as well as practical considerations of application of concepts.

The final questionnaire consisted of 15 questions on housing characteristics and 20 questions on population covering the following areas:

household characteristics

geographical location and internal migration

demographic and social characteristics

economic characteristics

literacy and education

fertility and mortality.

All the population topics investigated in 1970 and 1984 censuses were maintained, because they were considered as still relevant to the country's data needs, especially in terms of maintaining a time series of socio-economic data.

The questionnaires were published in English.

Data Collection

Data Collection Dates

Start	End	Cycle
2000-03-26		N/A

Time Periods

Start	End	Cycle
2000-03	2010-03	N/A

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

A trial census was held in 4 selected districts in July 1999 for 10 days. This was followed by the training of 5,400 trainers from January 24th- February 15th 2000. The trainers were to become supervisors of the main census.

A total of 27,100 enumerators were engaged for the census. The enumerators were sent out in teams of 5 under one supervisor. In all there were 220 senior field supervisors who worked in the 110 districts of the country.

The fieldwork began on 19th March 2000 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 March 2000) for two weeks. A mopping-up exercise to cover about 10 percent uncompleted areas, mainly in Accra and Tema, was carried out until the end of April. 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.

Data Collectors

Name	Abbreviation	Affiliation
Ghana Statistical Service	GSS	Office of the President

SUPERVISION

Interviewing teams comprised of 5 enumerators with one supervisor per team.

For the main census, therefore, the decision was to have enumerators do the coding and have supervisor do the checking. Senior supervisors were also expected to have a sample check of the work done by supervisors

The quality control rules for Supervisors were detailed to check the quality of work of Enumerators for the entire period of fieldwork. The control activities started with the Supervisor going round with his/her Enumerators to identify EA boundaries within his/her Supervision Area (SA) and with other SAs. In addition, Supervisors assessed the sizes and spread of the EAs and, where necessary, split them.

Supervisors' control of enumeration involved coverage, consistency and final checks, using the Field Supervisor's Record Book, in which the work of Enumerators was carefully recorded for monitoring.

With regard to coverage checks, Supervisors went round EAs and localities and counted houses, paying particular attention to corners and obscure places. Supervisors randomly selected houses in each EA, identified the households and listed all the persons who slept there on the census night. In addition, the Supervisor completely re-enumerated a randomly selected household and used the information to verify the coverage of each Enumerator's work.

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
3. Data cleaning and imputation

Data editing was partly manual and partly automatic.

Editing of the census data involved correcting errors from the field and those introduced during the capturing process. Both Structural Edits and Within Record Edits were used to clean the census data.

a) Structural Edits

- Structure edits check coverage and relationships between different units: persons, households, housing units, enumeration areas, etc. Specifically, they checked that:
 - all households and collective quarters records within an enumeration area were present and were in the proper order;
 - all occupied housing units have person records, but vacant units have no person records;
 - households have neither duplicate person records, nor missing person records;
 - enumeration areas have neither duplicate nor missing housing records.
- Each EA have the right geographic codes (region, district, locality, EA number, etc.)
- Every housing unit in an EA is entered and every record has a valid EA code

The Structural edit looked at the following situations:

Geography edits
 Hierarchy of records
 Correspondence between housing and population records
 Editing relationships in a household
 Family nuclei

b) Within Record Edits: This consisted of validity checks and consistency edits.

Validity checks: were performed to see if the values of individual variables are plausible or lie with a reasonable range.

Consistency edits were performed to ensure that there is coherence between two or more variables.

The Top-down editing approach, which starts by editing top priority variables, (such as age, sex, etc.) and moves sequentially through all variables in decreasing priority was used to edit the census data.

The Hot Deck or Dynamic Imputation was also used for both missing data and inconsistent/invalid items.

The Census Secretariat carefully developed Editing and Imputation rules with written sets of consistency rules and corrections. These rules were translated into three CONCOR editing applications (Pop-Edit.exe, Hse-Edit.exe and Fertility.exe), which were used to 'clean' the data. This was done at the Regional level.

Other Processing

Data capture for the main census began on 21st August 2000, using three Kodak 9500D 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 4 months. Later, the duration of work was changed to a 6-day working week for the remaining 8 of the 12 months that the scanning of the census questionnaires took to complete.

Data Appraisal

Estimates of Sampling Error

No sampling errors

Other forms of Data Appraisal

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

File Description

Variable List

Population

Content	The 2000 Census is a “de facto” count. Each person present in Ghana, irrespective of nationality, was enumerated at the place he or she spent the Census Night, midnight of 26th March 2000. Thus, non-Ghanaians within the territorial land, air and water boundaries were enumerated as part of Ghana's population while Ghanaians outside the boundaries of Ghana were not enumerated. The unit of enumeration in the census is the individual. In addition, individuals not living in group quarters are identified with households. The main modules covered in the 2000 census were: geographical location and internal migration demographic and social characteristics economic characteristics literacy and education fertility and mortality. All variables in Population dataset were collected except the URBRUR (urban-rural) variable which was derived from the population of localities. All localities with a population size of 5,000 or more were classified as URBAN, otherwise, it is RURAL. The data has a weight of 1.
Cases	189868
Variable(s)	52
Structure	Type: relational Key(s): Line(Line_number), Region(Region), District(District), Base(A05 Enumeration Area Base), EA(Enumeration Area Code), Hsenum(A07 Housing unit of household), Hhnum(A08 Household number)
Version	Version 1.0
Producer	Ghana Statistical Service (GSS)
Missing Data	For the 2000 Population and Housing Census, missing data was fixed using the Hot-deck imputation technique. N/A -not applicable or skipped variables were left blank.

Variables

ID	Name	Label	Type	Format	Question
V190	Reg_dist	Region and District Code	discrete	character	
V242	Region	Region	discrete	numeric	
V243	District	District	discrete	numeric	
V244	Base	A05 Enumeration Area Base	discrete	numeric	
V245	EA	Enumeration Area Code	discrete	numeric	
V195	Locality	A06 Locality Code	discrete	character	
V246	Hsenum	A07 Housing unit of household	discrete	numeric	
V247	Hhnum	A08 Household number	discrete	numeric	
V198	Urbrur	Urban or Rural code	contin	numeric	
V199	Tr	A12 Type of residence	contin	numeric	
V200	Line	Line_number	contin	numeric	
V201	Rel	P01 Relationship	contin	numeric	P01 RELATIONSHIP: What is the relationship of [NAME] to the head of household?
V202	Sex	P02 Sex	contin	numeric	P02 SEX: What is the sex of (NAME)?
V203	Age	P03 Age	contin	numeric	P03 AGE: How old is [NAME] in completed years?

ID	Name	Label	Type	Format	Question
V204	Age1	Single age	contin	numeric	
V205	Age10	10-Year Age Groups	contin	numeric	
V206	Age5	5-Year Age Groups	contin	numeric	
V207	Ageeduc	Ageeduc	contin	numeric	
V208	Ageecon	Ageecon	contin	numeric	
V209	Agefert	Agefert	contin	numeric	
V210	Nation	P04 Nationality	contin	numeric	What is [NAME's] Nationality?
V211	Ethnic1	Ethnic1	contin	numeric	P05: ETHNICITY: To which ethnic group does (NAME) belong?
V212	Ethnicd	P05 Ethnic_detail	contin	numeric	
V213	Bornhe	P06a Bornhere	contin	numeric	P06a: BORN IN THIS TOWN/VILLAGE: Was (NAME) born in this town or village?
V214	Bornout	P06b Bornoutside	contin	numeric	P06b BIRTHPLACE OUTSIDE THIS TOWN/VILLAGE: In what region or country was (NAME) born?
V215	Resid	P07 Residence	discrete	character	P07 USUAL PLACE OF RESIDENCE: In what district is (NAME's) usual residence?
V216	Regcode	Region code	discrete	character	
V217	Distcode	District code	discrete	character	
V218	Fiveyr	P08 Place of residence five yrs ago	discrete	character	P08 PLACE OF RESIDENCE 5 YEARS AGO (1995): IF (NAME) IS 5 YEARS OR OLDER: In what district was (NAME'S) usual place of residence 5 years ago?
V219	Fivereg	Region of residence five yrs ago	discrete	character	
V220	Fivedist	District of residence five yrs ago	discrete	character	
V221	Religion	P09 Religion	contin	numeric	P09 RELIGION: What is (NAME's) religious affiliation?
V222	Marstat	P10 Marital status	contin	numeric	P10 MARITAL STATUS: IF (NAME) IS 12 YEARS OR OLDER: What is (NAME's) current marital status?
V223	Literacy	P11 Literacy	contin	numeric	P11 LITERACY: (ANSWER FOR PERSONS 15 YEARS OR OLDER): In what language can (NAME) read and write?
V224	Educ	P12a Ever attended school	contin	numeric	P12a FULL TIME EDUCATION: (ANSWER FOR PERSONS 3 YEARS OR OLDER): Has (NAME) ever attended / attending school now?
V225	Educle	P12b Educlevel	contin	numeric	EDUCATION - IF NOW OR IN THE PAST: What is the highest level of schooling (NAME) attending/attended?
V226	Grade	P12c Grade	contin	numeric	HIGHEST EDUCATIONAL GRADE: What is the highest grade (NAME) completed at that level?
V227	Worked	P13a Worked	contin	numeric	P13A Did (NAME) work for pay or profit or family gain?
V228	Occupied	P13b Occupied	contin	numeric	P13b If NO, how was (NAME) occupied?
V229	Dayswk	P13c Days-worked	contin	numeric	P13c: How many days did (NAME) work for pay or profit or family gain?
V230	Hourswk	P13d Hours-worked	contin	numeric	P13d: How many hours did (NAME) work for pay or profit or family gain?
V231	Occup	P14 Occupation	contin	numeric	P14 What kind of work did (NAME) do? FOR UNEMPLOYED, LAST KIND OF WORK.
V232	Occdet	Occ-detailed	contin	numeric	
V233	Industry	P15 Industry	contin	numeric	P15 INDUSTRY: In what kind of industry was (NAME) mainly working? FOR UNEMPLOYED, LAST KIND OF WORK.

ID	Name	Label	Type	Format	Question
V234	Empstat	P16 Employment status	contin	numeric	P16 EMPLOYMENT STATUS: What was (NAME's) employment status in that establishment/industry?
V235	Empsect	P17 Employment sector	contin	numeric	P17 EMPLOYMENT SECTOR: In what sector was (NAME) mainly working?
V236	Fert	Fertility	discrete	character	
V237	Cebboys	P18a Children ever born boys	contin	numeric	P18a MALE CHILDREN EVER BORN: How many male children has (NAME) ever born alive? (Living with you or elsewhere or dead)
V238	Cebgirls	P18b Children ever born girls	contin	numeric	P18b FEMALE CHILDREN EVER BORN: How many female children has (NAME) ever born alive? (Living with you or elsewhere or dead)
V239	Csmale	P19a Children surviving male	contin	numeric	P19a MALE CHILDREN SURVIVING: How many male children ever born alive to (NAME) are still surviving? (Living with you or elsewhere)
V240	Csfemale	P19b Children surviving female	contin	numeric	P19b FEMALE CHILDREN SURVIVING: How many female children ever born alive to (NAME) are still surviving? (Living with you or elsewhere)
V241	Birth12m	P20 Birth in last 12 months	contin	numeric	P20 NUMBER OF CHILDREN BORN IN THE LAST 12 MONTHS: How many children has (NAME) born in the last 12 months?

Housing

Content	Housing Characteristics Buildings originally intended for habitation and used wholly for other purposes, at the time of the census, are excluded from the census coverage, while shelters not intended for habitation but occupied at the time of the census, are included. For each household interviewed, the head of household or any responsible member provided the responses. The housing characteristics included the following topics: Type of Dwelling Main Construction Material for Outer Wall Main Construction Material for Floor Main Roofing Materials Tenure/Holding Arrangement Rooms occupied by household Main Source of Lighting Main Source of Drinking Water Toilet Facilities Solid Waste Disposal Liquid Waste Disposal All variables in Housing dataset were collected except the URBRUR (urban-rural) variable which was derived from the population of localities. All localities with a population size of 5,000 or more were classified as URBAN, otherwise, it is RURAL. The data has a weight of 1.
Cases	38866
Variable(s)	34
Structure	Type: relational Key(s): Region(Region Code), District(District Code), Base(A05 Enumeration Area Base), EA(Enumeration Area Code), Hsenum(A07 Housing Unit or Compound), Hhnum(A08 Household Number)
Version	Version 1.0
Producer	Ghana Statistical Service (GSS)
Missing Data	For the 2000 Population and Housing Census, missing data was fixed using the Hot-deck imputation technique. N/A -not applicable or skipped variables were left blank.

Variables

ID	Name	Label	Type	Format	Question
V289	Reg_dist	Region and District Code	discrete	character	
V283	Region	Region Code	discrete	numeric	
V284	District	District Code	discrete	numeric	
V285	Base	A05 Enumeration Area Base	discrete	numeric	
V286	EA	Enumeration Area Code	discrete	numeric	
V253	Locality	A06 Locality Code	discrete	character	
V287	Hsenum	A07 Housing Unit or Compound	discrete	numeric	
V288	Hhnum	A08 Household Number	discrete	numeric	
V256	Urbrur	Urban or Rural code	contin	numeric	
V257	Typeres	A12 Type of residence	contin	numeric	
V258	A11a	A11a Used supplementary questionnaire	contin	numeric	
V259	A11b	A11b Continued original questionnaire	contin	numeric	
V260	A14a	A14a Number of usual members present	contin	numeric	
V261	A15b	A15b Number of visitors present	contin	numeric	
V262	A16c	A16c Number of usual members absent	contin	numeric	

ID	Name	Label	Type	Format	Question
V263	A17t	A17 Total number of members enumerated	contin	numeric	
V264	Dwelling	H01 Type of dwelling	contin	numeric	H01 TYPE OF DWELLING: In what type of dwelling does the household live?
V265	Walls	H02 Main material used for outer walls	contin	numeric	H02 OUTER WALL: What is the main construction material used for the outer walls?
V266	Floor	H03 Main material used for floor	contin	numeric	H03 FLOOR FINISH: What is the main construction material use for the floor of this dwelling?
V267	Roof	H04 Main material used for roof	contin	numeric	H04 ROOF: What is the main material used for the roof?
V268	Tenure	H05 Type of tenancy or holding arrangement	contin	numeric	H05 TENURE/HOLDING ARRANGEMENT: What is the present holding/tenancy arrangement for this dwelling?
V269	Owner	H06 Ownership of the dwelling	contin	numeric	H06 OWNERSHIP TYPE: Who owns this dwelling?
V270	Rooms	H07a Number of living rooms occupied	contin	numeric	H07a ROOMS: How many rooms does this household occupy? (count living rooms, dining rooms, bed rooms, but not bath rooms and kitchens).
V271	Sleeping	H07b Number of sleeping rooms	contin	numeric	H07b SLEEPING ROOMS: How many of the rooms in H07a are designed primarily for sleeping?
V272	Lighting	H08 Main source of lighting	contin	numeric	H08 LIGHTING: What is the main source of lighting for your dwelling?
V273	Water	H09 Main source of drinking water	contin	numeric	H09 WATER SUPPLY: What is the main source of drinking water for this household?
V274	Toilet	H10a Type of toilet facility used	contin	numeric	H10a TOILET FACILITIES: What type of toilet is used by the household?
V275	Owntlet	H10b Exclusive use of toilet facility	contin	numeric	H10b Is the toilet used exclusively by the household?
V276	Fuel	H11 Main source of cooking fuel	contin	numeric	H11 COOKING FUEL: What is the main source of cooking fuel for this household?
V277	Cook	H12 Type of cooking space	contin	numeric	H12 COOKING SPACE (KITCHEN): What type of cooking space does your household have?
V278	Bath	H13 Type of bathing facility in use	contin	numeric	H13 BATHING FACILITIES: What type of bathing facility is used by the household?
V279	Solid	H14 Method of disposal of solid waste	contin	numeric	H14 SOLID WASTE DISPOSAL: How does your household dispose of rubbish (solid waste)?
V280	Liquid	H15 Method of disposal of Liquid waste	contin	numeric	H15 LIQUID WASTE DISPOSAL: How does your hosehold dispose of liquid waste?
V281	Weight	Weight	contin	numeric	

Region and District Code (Reg_dist)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: character	Invalid: 0
Width: 4	

Region (Region)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

District (District)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

A05 Enumeration Area Base (Base)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

Enumeration Area Code (EA)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

A06 Locality Code (Locality)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: character	Invalid: 0
Width: 3	

A07 Housing unit of household (Hsenum)

File: Population

Overview

Type: Discrete	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

A08 Household number (Hhnum)

File: Population

Overview

Type: Discrete	Valid cases: 189867
Format: numeric	Invalid: 1
Width: 2	
Decimals: 0	

Urban or Rural code (Urbrur)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

Pre question

URBRUR is a derived variable

A12 Type of residence (Tr)

File: Population

Overview

A12 Type of residence (Tr)

File: Population

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-13

Valid cases: 189868
 Invalid: 0
 Minimum: 1
 Maximum: 13

Post question

A12 TYPE OF RESIDENCE

Line_number (Line)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 1-99

Valid cases: 189868
 Invalid: 0

Pre question

FOR USUAL MEMBERS PRESENT ON CENSUS NIGHT AND VISITORS PRESENT ON CENSUS NIGHT

P01 Relationship (Rel)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-9

Valid cases: 189868
 Invalid: 0
 Minimum: 0
 Maximum: 9

Literal question

P01 RELATIONSHIP: What is the relationship of [NAME] to the head of household?

P02 Sex (Sex)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 189868
 Invalid: 0
 Minimum: 1
 Maximum: 2

Literal question

P02 SEX: What is the sex of (NAME)?

P03 Age (Age)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
Range: 0-99	Mean: 23.9
	Standard deviation: 20.1

Literal question

P03 AGE: How old is [NAME] in completed years?

Post question

(FILL IN ACTUAL AGE IF 00 to 98)

(IF 99 OR OLDER, FILL 99)

Single age (Age1)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
Range: 0-99	

10-Year Age Groups (Age10)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

Pre question

RECODED AGE INTO 10-YEAR GROUPS

5-Year Age Groups (Age5)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 16
Range: 1-16	

5-Year Age Groups (Age5)

File: Population

Pre question

RECODED AGE INTO 5-YEAR GROUPS

Ageeduc (Ageeduc)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-99	

Ageecon (Ageecon)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
Range: 0-99	

Agefert (Agefert)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
Range: 0-99	

P04 Nationality (Nation)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

Literal question

P04 Nationality (Nation)

File: Population

What is [NAME's] Nationality?

Ethnic1 (Ethnic1)

File: Population

Overview

Type: Continuous	Valid cases: 174834
Format: numeric	Invalid: 15034
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

Literal question

P05: ETHNICITY: To which ethnic group does (NAME) belong?

P05 Ethnic_detail (Ethnicd)

File: Population

Overview

Type: Continuous	Valid cases: 174834
Format: numeric	Invalid: 15034
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	

P06a Bornhere (Bornhe)

File: Population

Overview

Type: Continuous	Valid cases: 174834
Format: numeric	Invalid: 15034
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

Literal question

P06a: BORN IN THIS TOWN/VILLAGE: Was (NAME) born in this town or village?

P06b Bornoutside (Bornout)

File: Population

Overview

P06b Bornoutside (Bornout)

File: Population

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-98

Valid cases: 53623
 Invalid: 136245
 Minimum: 1
 Maximum: 98

Literal question

P06b BIRTHPLACE OUTSIDE THIS TOWN/VILLAGE: In what region or country was (NAME) born?

P07 Residence (Resid)

File: Population

Overview

Type: Discrete
 Format: character
 Width: 4

Valid cases: 189868
 Invalid: 0

Literal question

P07 USUAL PLACE OF RESIDENCE: In what district is (NAME's) usual residence?

Region code (Regcode)

File: Population

Overview

Type: Discrete
 Format: character
 Width: 2

Valid cases: 189868
 Invalid: 0

District code (Distcode)

File: Population

Overview

Type: Discrete
 Format: character
 Width: 2

Valid cases: 189868
 Invalid: 0

P08 Place of residence five yrs ago (Fiveyr)

File: Population

Overview

Type: Discrete
 Format: character
 Width: 4

Valid cases: 162103
 Invalid: 0

Literal question

P08 Place of residence five yrs ago (Fiveyr)

File: Population

P08 PLACE OF RESIDENCE 5 YEARS AGO (1995): IF (NAME) IS 5 YEARS OR OLDER: In what district was (NAME'S) usual place of residence 5 years ago?

Region of residence five yrs ago (Fivereg)

File: Population

Overview

Type: Discrete	Valid cases: 162103
Format: character	Invalid: 0
Width: 2	

District of residence five yrs ago (Fivedist)

File: Population

Overview

Type: Discrete	Valid cases: 162103
Format: character	Invalid: 0
Width: 2	

P09 Religion (Religion)

File: Population

Overview

Type: Continuous	Valid cases: 189868
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

Literal question

P09 RELIGION: What is (NAME's) religious affiliation?

P10 Marital status (Marstat)

File: Population

Overview

Type: Continuous	Valid cases: 124591
Format: numeric	Invalid: 65277
Width: 1	Minimum: 1
Decimals: 0	Maximum: 6
Range: 1-6	

Literal question

P10 MARITAL STATUS: IF (NAME) IS 12 YEARS OR OLDER: What is (NAME's) current marital status?

P11 Literacy (Literacy)

File: Population

Overview

Type: Continuous	Valid cases: 111265
Format: numeric	Invalid: 78603
Width: 1	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

Literal question

P11 LITERACY: (ANSWER FOR PERSONS 15 YEARS OR OLDER): In what language can (NAME) read and write?

P12a Ever attended school (Educ)

File: Population

Overview

Type: Continuous	Valid cases: 173557
Format: numeric	Invalid: 16311
Width: 1	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

Literal question

P12a FULL TIME EDUCATION: (ANSWER FOR PERSONS 3 YEARS OR OLDER): Has (NAME) ever attended / attending school now?

P12b Educlevel (Educle)

File: Population

Overview

Type: Continuous	Valid cases: 102426
Format: numeric	Invalid: 87442
Width: 1	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

Literal question

EDUCATION - IF NOW OR IN THE PAST: What is the highest level of schooling (NAME) attending/attended?

P12c Grade (Grade)

File: Population

Overview

P12c Grade (Grade)

File: Population

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-9

Valid cases: 102426
 Invalid: 87442
 Minimum: 0
 Maximum: 9

Literal question

HIGHEST EDUCATIONAL GRADE: What is the highest grade (NAME) completed at that level?

P13a Worked (Worked)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 150493
 Invalid: 39375
 Minimum: 1
 Maximum: 2

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P13A Did (NAME) work for pay or profit or family gain?

Post question

If YES, GO to P13c

P13b Occupied (Occupied)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-8

Valid cases: 76117
 Invalid: 113751
 Minimum: 1
 Maximum: 8

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P13b If NO, how was (NAME) occupied?

Post question

(If P13b = 1 or 2, Go to P14)
 (If P13b = 3 or more, Go to P18)

P13c Days-worked (Dayswk)

File: Population

Overview

Type: Continuous	Valid cases: 74426
Format: numeric	Invalid: 115442
Width: 1	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P13c: How many days did (NAME) work for pay or profit or family gain?

P13d Hours-worked (Hourswk)

File: Population

Overview

Type: Continuous	Valid cases: 74426
Format: numeric	Invalid: 115442
Width: 2	Minimum: 1
Decimals: 0	Maximum: 84
Range: 1-84	Mean: 36.1
	Standard deviation: 11.2

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P13d: How many hours did (NAME) work for pay or profit or family gain?

Post question

if 99 hours or more, code 99

P14 Occupation (Occup)

File: Population

Overview

Type: Continuous	Valid cases: 90626
Format: numeric	Invalid: 99242
Width: 3	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P14 What kind of work did (NAME) do? FOR UNEMPLOYED, LAST KIND OF WORK.

Occ-detailed (Occdet)

File: Population

Overview

Type: Continuous	Valid cases: 90626
Format: numeric	Invalid: 99242
Width: 3	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	

P15 Industry (Industry)

File: Population

Overview

Type: Continuous	Valid cases: 90626
Format: numeric	Invalid: 99242
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
Range: 0-99	

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P15 INDUSTRY: In what kind of industry was (NAME) mainly working? FOR UNEMPLOYED, LAST KIND OF WORK.

P16 Employment status (Empstat)

File: Population

Overview

Type: Continuous	Valid cases: 90626
Format: numeric	Invalid: 99242
Width: 1	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P16 EMPLOYMENT STATUS: What was (NAME's) employment status in that establishment/industry?

P17 Employment sector (Empsect)

File: Population

Overview

P17 Employment sector (Empsect)

File: Population

Type: Continuous

Format: numeric

Width: 1

Decimals: 0

Range: 1-6

Valid cases: 90626

Invalid: 99242

Minimum: 1

Maximum: 6

Pre question

TYPE OF ACTIVITY - ANSWER ONLY FOR AGES 7 YEARS OR OLDER. THE ANSWER SHOULD REFER TO THE 7 DAYS BEFORE CENSUS NIGHT:

Literal question

P17 EMPLOYMENT SECTOR: In what sector was (NAME) mainly working?

Fertility (Fert)

File: Population

Overview

Type: Discrete

Format: character

Width: 9

Valid cases: 63533

Invalid: 0

Pre question

ANSWER FOR FEMALES 12 YEARS AND OLDER

P18a Children ever born boys (Cebboys)

File: Population

Overview

Type: Continuous

Format: numeric

Width: 2

Decimals: 0

Range: 0-99

Valid cases: 63533

Invalid: 126335

Minimum: 0

Maximum: 9

Pre question

ANSWER FOR FEMALES 12 YEARS AND OLDER

Literal question

P18a MALE CHILDREN EVER BORN: How many male children has (NAME) ever born alive? (Living with you or elsewhere or dead)

P18b Children ever born girls (Cebgirls)

File: Population

Overview

P18b Children ever born girls (Cebgirls)

File: Population

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-99

Valid cases: 63533
 Invalid: 126335
 Minimum: 0
 Maximum: 10

Pre question

ANSWER FOR FEMALES 12 YEARS AND OLDER

Literal question

P18b FEMALE CHILDREN EVER BORN: How many female children has (NAME) ever born alive? (Living with you or elsewhere or dead)

P19a Children surviving male (Csmale)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-99

Valid cases: 63533
 Invalid: 126335
 Minimum: 0
 Maximum: 9

Pre question

ANSWER FOR FEMALES 12 YEARS AND OLDER

Literal question

P19a MALE CHILDREN SURVIVING: How many male children ever born alive to (NAME) are still surviving? (Living with you or elsewhere)

P19b Children surviving female (Csfemale)

File: Population

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-99

Valid cases: 63533
 Invalid: 126335
 Minimum: 0
 Maximum: 9

Pre question

ANSWER FOR FEMALES 12 YEARS AND OLDER

Literal question

P19b FEMALE CHILDREN SURVIVING: How many female children ever born alive to (NAME) are still surviving? (Living with you or elsewhere)

P20 Birth in last 12 months (Birth12m)

File: Population

P20 Birth in last 12 months (Birth12m)

File: Population

Overview

Type: Continuous

Format: numeric

Width: 1

Decimals: 0

Range: 0-4

Valid cases: 51947

Invalid: 137921

Minimum: 0

Maximum: 4

Pre question

ANSWER FOR FEMALES 12 YEARS AND OLDER

Literal question

P20 NUMBER OF CHILDREN BORN IN THE LAST 12 MONTHS: How many children has (NAME) born in the last 12 months?

Post question

(IF 4 OR MORE, MARK 4)

Region and District Code (Reg_dist)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: character	Invalid: 0
Width: 4	

Region Code (Region)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

District Code (District)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	

A05 Enumeration Area Base (Base)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

Enumeration Area Code (EA)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

A06 Locality Code (Locality)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: character	Invalid: 0
Width: 3	

A07 Housing Unit or Compound (Hsenum)

File: Housing

Overview

Type: Discrete	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

A08 Household Number (Hhnum)

File: Housing

Overview

Type: Discrete	Valid cases: 38865
Format: numeric	Invalid: 1
Width: 2	
Decimals: 0	

Urban or Rural code (Urbrur)

File: Housing

Overview

Type: Continuous	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2

Pre question

URBRUR is a derived variable

A12 Type of residence (Typeres)

File: Housing

Overview

Type: Continuous	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 13

A11a Used supplementary questionnaire (A11a)

File: Housing

Overview

Type: Continuous	Valid cases: 38865
Format: numeric	Invalid: 1
Width: 1	Minimum: 0
Decimals: 0	Maximum: 2

A11b Continued original questionnaire (A11b)

File: Housing

Overview

Type: Continuous	Valid cases: 2279
Format: numeric	Invalid: 36587
Width: 1	Minimum: 0
	Maximum: 2

A14a Number of usual members present (A14a)

File: Housing

Overview

Type: Continuous	Valid cases: 36949
Format: numeric	Invalid: 1917
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
	Mean: 4.6
	Standard deviation: 3.6

A15b Number of visitors present (A15b)

File: Housing

Overview

Type: Continuous	Valid cases: 36550
Format: numeric	Invalid: 2316
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
	Mean: 0.3
	Standard deviation: 2.5

A16c Number of usual members absent (A16c)

File: Housing

Overview

A16c Number of usual members absent (A16c)

File: Housing

Type: Continuous	Valid cases: 36541
Format: numeric	Invalid: 2325
Width: 2	Minimum: 0
Decimals: 0	Maximum: 99
	Mean: 0.4
	Standard deviation: 4.1

A17 Total number of members enumerated (A17t)

File: Housing

Overview

Type: Continuous	Valid cases: 38866
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 99
	Mean: 4.9
	Standard deviation: 3.6

H01 Type of dwelling (Dwelling)

File: Housing

Overview

Type: Continuous	Valid cases: 38807
Format: numeric	Invalid: 59
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90

Pre question

FOR VACANT HOUSING UNIT, ANSWER ONLY H01, H02 AND H04

Literal question

H01 TYPE OF DWELLING: In what type of dwelling does the household live?

H02 Main material used for outer walls (Walls)

File: Housing

Overview

Type: Continuous	Valid cases: 38805
Format: numeric	Invalid: 61
Width: 2	Minimum: 1
Decimals: 0	Maximum: 61

Literal question

H02 OUTER WALL: What is the main construction material used for the outer walls?

H03 Main material used for floor (Floor)

File: Housing

Overview

Type: Continuous	Valid cases: 37030
Format: numeric	Invalid: 1836
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9

Literal question

H03 FLOOR FINISH: What is the main construction material use for the floor of this dwelling?

H04 Main material used for roof (Roof)

File: Housing

Overview

Type: Continuous	Valid cases: 38806
Format: numeric	Invalid: 60
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9

Literal question

H04 ROOF: What is the main material used for the roof?

H05 Type of tenancy or holding arrangement (Tenure)

File: Housing

Overview

Type: Continuous	Valid cases: 37036
Format: numeric	Invalid: 1830
Width: 1	Minimum: 1
Decimals: 0	Maximum: 6

Literal question

H05 TENURE/HOLDING ARRANGEMENT: What is the present holding/tenancy arrangement for this dwelling?

H06 Ownership of the dwelling (Owner)

File: Housing

Overview

Type: Continuous	Valid cases: 37037
Format: numeric	Invalid: 1829
Width: 1	Minimum: 0
Decimals: 0	Maximum: 8

Literal question

H06 OWNERSHIP TYPE: Who owns this dwelling?

H07a Number of living rooms occupied (Rooms)

File: Housing

Overview

Type: Continuous	Valid cases: 37033
Format: numeric	Invalid: 1833
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9

Literal question

H07a ROOMS: How many rooms does this household occupy? (count living rooms, dining rooms, bed rooms, but not bath rooms and kitchens).

H07b Number of sleeping rooms (Sleeping)

File: Housing

Overview

Type: Continuous	Valid cases: 37027
Format: numeric	Invalid: 1839
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9

Literal question

H07b SLEEPING ROOMS: How many of the rooms in H07a are designed primarily for sleeping?

H08 Main source of lighting (Lighting)

File: Housing

Overview

Type: Continuous	Valid cases: 37031
Format: numeric	Invalid: 1835
Width: 1	Minimum: 1
Decimals: 0	Maximum: 6

Literal question

H08 LIGHTING: What is the main source of lighting for your dwelling?

H09 Main source of drinking water (Water)

File: Housing

Overview

Type: Continuous	Valid cases: 37032
Format: numeric	Invalid: 1834
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9

Literal question

H09 WATER SUPPLY: What is the main source of drinking water for this household?

H10a Type of toilet facility used (Toilet)

File: Housing

Overview

Type: Continuous	Valid cases: 37033
Format: numeric	Invalid: 1833
Width: 1	Minimum: 1
Decimals: 0	Maximum: 8

Literal question

H10a TOILET FACILITIES: What type of toilet is used by the household?

H10b Exclusive use of toilet facility (Owntlet)

File: Housing

Overview

Type: Continuous	Valid cases: 15334
Format: numeric	Invalid: 23532
Width: 1	Minimum: 1
Decimals: 0	Maximum: 4

Literal question

H10b Is the toilet used exclusively by the household?

H11 Main source of cooking fuel (Fuel)

File: Housing

Overview

Type: Continuous	Valid cases: 37027
Format: numeric	Invalid: 1839
Width: 1	Minimum: 1
Decimals: 0	Maximum: 8

Literal question

H11 COOKING FUEL: What is the main source of cooking fuel for this household?

H12 Type of cooking space (Cook)

File: Housing

Overview

Type: Continuous	Valid cases: 37030
Format: numeric	Invalid: 1836
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9

Literal question

H12 COOKING SPACE (KITCHEN): What type of cooking space does your household have?

H13 Type of bathing facility in use (Bath)

File: Housing

Overview

Type: Continuous	Valid cases: 37029
Format: numeric	Invalid: 1837
Width: 2	Minimum: 1
Decimals: 0	Maximum: 87

Literal question

H13 BATHING FACILITIES: What type of bathing facility is used by the household?

H14 Method of disposal of solid waste (Solid)

File: Housing

Overview

Type: Continuous	Valid cases: 37026
Format: numeric	Invalid: 1840
Width: 1	Minimum: 1
Decimals: 0	Maximum: 8

Literal question

H14 SOLID WASTE DISPOSAL: How does your household dispose of rubbish (solid waste)?

H15 Method of disposal of Liquid waste (Liquid)

File: Housing

Overview

Type: Continuous	Valid cases: 37028
Format: numeric	Invalid: 1838
Width: 1	Minimum: 1
Decimals: 0	Maximum: 6

Literal question

H15 LIQUID WASTE DISPOSAL: How does your household dispose of liquid waste?

Weight (Weight)

File: Housing

Overview

Type: Continuous	Valid cases: 149
Format: numeric	Invalid: 38717
Width: 4	Minimum: 0
Decimals: 0	Maximum: 8813
	Mean: 667
	Standard deviation: 885.6