

Population and Housing Census 1981 - IPUMS Subset

Ministry of Finance and Development Planning, Central Statistics Office, IPUMS

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Identification

SURVEY ID NUMBER

BWA_1981_PHC_v01_M_v7.5_A_IPUMS

TITLE

Population and Housing Census 1981 - IPUMS Subset

ABBREVIATION OR ACRONYM

PHC Botswana 1981 (IPUMS Harmonized Subset)

COUNTRY

Name	Country code
Botswana	BWA

STUDY TYPE

Population and Housing Census [hh/popcen] IPUMS International

SERIES INFORMATION

DOI:10.18128/D020.V7.5

KIND OF DATA

Population and Housing Census [hh/popcen]

UNIT OF ANALYSIS

Persons, households, and dwellings

UNITS IDENTIFIED:

- Dwellings: yes
- Vacant Units: no
- Households: yes
- Individuals: yes
- Group quarters: yes

UNIT DESCRIPTIONS:

- Dwellings: Undetermined
- Households: Those who live in a lolwapa or its equivalent if they eat from the same pot regardless of kinship.
- Group quarters: Persons living in institutions including patients in hospitals, persons staying in hotels, prisoners, BDF personnel in barracks and miners in hostels.

Version

VERSION DESCRIPTION

Version 7.5. The datasets contain selected variables from the original census microdata plus harmonized variables from the IPUMS-International database.

VERSION DATE

2024-10-05

Scope

NOTES

Additional notes on a sample that is part of this study: Botswana 1981

TOPICS

Topic	Vocabulary
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Demographic Variables -- PERSON	IPUMS
Other Household Variables -- HOUSEHOLD	IPUMS
Geography: Global Variables -- HOUSEHOLD	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS
Nativity and Birthplace Variables -- PERSON	IPUMS
Technical Household Variables -- HOUSEHOLD	IPUMS
Education Variables -- PERSON	IPUMS
Constructed Family Interrelationship Variables -- PERSON	IPUMS
Utilities Variables -- HOUSEHOLD	IPUMS
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS
Geography: A-E Variables -- HOUSEHOLD	IPUMS
Migration: Global Variables -- PERSON	IPUMS
Group Quarters Variables -- HOUSEHOLD	IPUMS
Constructed Household Variables -- HOUSEHOLD	IPUMS
Work Variables -- PERSON	IPUMS
Migration: A-E Variables -- PERSON	IPUMS
Household Economic Variables -- HOUSEHOLD	IPUMS
Technical Person Variables -- PERSON	IPUMS
Technical Person Variables -- PERSON	IPUMS
Demographic Variables -- PERSON	IPUMS
Nativity and Birthplace Variables -- PERSON	IPUMS
Migration: Global Variables -- PERSON	IPUMS
Other Person Variables -- PERSON	IPUMS
Education Variables -- PERSON	IPUMS
Work Variables -- PERSON	IPUMS
Work: Occupation Variables -- PERSON	IPUMS
Work: Industry Variables -- PERSON	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS

Coverage

GEOGRAPHIC UNIT

District

UNIVERSE

Everyone living in Botswana regardless of age, citizenship, or resident status.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
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Ministry of Finance and Development Planning, Central Statistics Office	
IPUMS	University of Minnesota

Sampling

SAMPLING PROCEDURE

MICRODATA SOURCE: Ministry of Finance and Development Planning, Central Statistics Office

SAMPLE SIZE (person records): 97238.

SAMPLE DESIGN: Systematic 1 in 2.5 sample of households from a 25% random sample of households, resulting in a 10% sample.

WEIGHTING

Self-weighting (expansion factor = 10).

Data collection

DATES OF DATA COLLECTION

Start	End
1981-08-12	1981-08-26

TIME PERIODS

Start date	End date
1981-08-12	1981-08-12

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

de facto, CENSUS DAY: August 12, 1981

questionnaires

QUESTIONNAIRES

Household Questionnaire and Institutional Questionnaire

Access policy

CONTACTS

Name
Ministry of Finance and Development Planning, Central Statistics Office

CONFIDENTIALITY

IPUMS International distributes integrated microdata of individuals and households only by agreement of collaborating national statistical offices and under the strictest of confidence. Before data may be distributed to an individual researcher, an electronic license agreement must be signed and approved. To gain access to the data, a researcher must agree to the following: (1) Implement security measures to prevent unauthorized access to census microdata. Under IPUMS International agreements with collaborating agencies, redistribution of the data to third parties is prohibited. (2) Use the microdata for the exclusive purposes of scholarly research and education. Researchers must explicitly agree to not use microdata acquired for

any commercial or income-generating venture. (3) Maintain the confidentiality of persons, households, and other entities. Any attempt to ascertain the identity of persons or households from the microdata is prohibited. Alleging that a person or household has been identified is also prohibited. (4) Report all publications based on these data to IPUMS International, which will in turn pass the information on to the relevant national statistical agencies. Once a project is approved, a password is issued and data may be acquired through the Internet. Penalties for violating the license include: revocation of the license, recall of all microdata acquired, filing of a motion of censure to the appropriate professional organizations, and civil prosecution under the relevant national or international statutes. These safeguards mirror the principles from the Joint ECE/Eurostat Work Session on Statistical Data Confidentiality. Employees of the Minnesota Population Center who work with the census microdata to produce the harmonized database also sign agreements to respect the confidentiality of the data. IPUMS International works with each country's statistical office to minimize the risk of disclosure of respondent information. The details of the confidentiality protections vary across countries, but in all cases, names and detailed geographic information are suppressed and top-codes are imposed on variables such as income that might identify specific persons. In addition, IPUMS International uses a variety of technical procedures to enhance confidentiality protection. These include the following: (1) Swapping an undisclosed fraction of records from one administrative district to another to make positive identification of individuals impossible. (2) Randomizing the placement of households within districts to disguise the order in which individuals were enumerated or the data processed. (3) Aggregating codes of sensitive characteristics (e.g., grouping together very small ethnic categories) (4) Top- and bottom-coding continuous variables to prevent identification of extreme cases. The safety record for public-use census microdata is apparently perfect. In almost four decades of use, there has not been a single verified breach of statistical confidentiality. The measures implemented by the IPUMS International are designed to extend this record.

ACCESS CONDITIONS

An adapted version of the dataset, harmonized for international comparability, is available from IPUMS International (<https://international.ipums.org/international/>) under the following conditions:

IPUMS International distributes integrated microdata of individuals and households only by agreement of collaborating national statistical offices and under the strictest of confidence. Before data may be distributed to an individual researcher, an electronic license agreement must be signed and approved. To gain access to the data, a researcher must agree to the following:

(1) Implement security measures to prevent unauthorized access to census microdata. Under IPUMS International agreements with collaborating agencies, redistribution of the data to third parties is prohibited.

(2) Use the microdata for the exclusive purposes of scholarly research and education. Researchers must explicitly agree to not use microdata acquired for any commercial or income-generating venture.

(3) Maintain the confidentiality of persons, households, and other entities. Any attempt to ascertain the identity of persons or households from the microdata is prohibited. Alleging that a person or household has been identified is also prohibited.

(4) Report all publications based on these data to IPUMS International, which will in turn pass the information on to the relevant national statistical agencies.

Once a project is approved, a password is issued and data may be acquired through the Internet. Penalties for violating the license include: revocation of the license, recall of all microdata acquired, filing of a motion of censure to the appropriate professional organizations, and civil prosecution under the relevant national or international statutes.

These safeguards mirror the principles from the Joint ECE/Eurostat Work Session on Statistical Data Confidentiality. Employees of the Minnesota Population Center who work with the census microdata to produce the harmonized database also sign agreements to respect the confidentiality of the data.

CITATION REQUIREMENTS

Steven Ruggles, Lara Cleveland, Rodrigo Lovaton, Sula Sarkar, Matthew Sobek, Derek Burk, Dan Ehrlich, Quinn Heimann, Jane Lee. Integrated Public Use Microdata Series, International: Version 7.5 [dataset]. Minneapolis, MN: IPUMS, 2024. <https://doi.org/10.1> [dataset]. Minneapolis, MN: IPUMS, 2024. <https://doi.org/10.18128/D020.V7.5>

Researchers should also acknowledge the statistical agency that originally produced the data: Botswana, Ministry of Finance and Development Planning, Central Statistics Office. Population and Housing Census 1981

The licensing agreement for use of IPUMS International data requires that users supply IPUMS International with the title and full citation for any publications, research reports, or educational materials making use of the data or documentation.

Copies of such materials are also gratefully received at ipums@umn.edu.

Printed matter should be sent to:
 IPUMS International
 Minnesota Population Center
 University of Minnesota
 50 Willey Hall
 225 19th Avenue South
 Minneapolis, MN 55455

ACCESS AUTHORITY

Name
Ministry of Finance and Development Planning, Central Statistics Office

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Metadata production

DDI DOCUMENT ID

DDI_BWA_1981_PHC_v01_M_v7.5_A_IPUMS

PRODUCERS

Name	Abbreviation	Affiliation	Role
IPUMS	IPUMS	University of Minnesota	Integration Harmonization Documentation

DATE OF METADATA PRODUCTION

May 21, 2024

DDI DOCUMENT VERSION

Version 7.5 October 2024. NEW FEATURES.

--Historical data from NAPP project now available from IPUMS-International.

--Historical census data from Canada, Denmark, the United Kingdom, Germany, Iceland, Norway, Sweden, and the United States for the period 1703 to 1911 are now available from IPUMS-International. The complete count and sample datasets were previously disseminated by the North Atlantic Population Project (NAPP). Where possible, the data have been integrated into existing IPUMS-International variable coding schema. Some new variables have been created that are available only for these pre-1960 datasets. NAPP data users should note that many NAPP variables are available from IPUMS-International by different names. For a complete list of NAPP variables that have been renamed in IPUMS-International, refer to the crosswalk.

--Individual country shapefiles for the third-level administrative level of geography are now available for a few IPUMS samples.

--New spatially harmonized previous-residence variables at the second administrative level of geography are available for several samples in this data release. More information is available [here](#). Users should note that many older migration variables are available by different names. Refer to this table for a crosswalk of old and corresponding new migration variables.

--IPUMS now hosts the Census Mosaic data collection. Census Mosaic identifies, gathers, harmonizes, and distributes surviving historical census microdata from regions of Continental Europe where complete centralized records are not available. The Mosaic project was founded by a consortium of historical social scientists in Europe. Data can be downloaded as static files from the Census Mosaic website. Although the data are not yet integrated fully into IPUMS International, variables have been standardized and harmonized to be roughly compatible with IPUMS coding structures.

NEW SAMPLES.

- Full-count datasets for Great Britain 1851, 1861, 1871 (Scotland only), 1891, and 1901.
- Full-count dataset for Sweden 1910. Denmark (1845, 1880, and 1885)
- Labor force surveys from Spain and eight new labor force surveys from Italy added to the series.

Newly added countries:

Benin, Cote d'Ivoire, Finland, Guatemala, Honduras, Laos, Lesotho, Mauritius, Myanmar, Papua New Guinea, Russia, Slovak Republic, Suriname, Togo, and Zimbabwe

New samples for:

Bolivia, Cambodia, Chile, Cuba, Cote d'Ivoire, Egypt (1848 and 1868, historical samples), Fiji, Guinea, Ireland, Israel, Italy, Lao PDR, Mexico, Morocco, Nepal, Netherlands, Palestine, Peru, Philippines, Puerto Rico, Rwanda, Senegal, Sierra Leone, South Africa, Switzerland, Uganda, United States, United Kingdom, United States, Vietnam, and Zimbabwe

SUPPLEMENTAL DATA.

Data from censuses from Benin and Lesotho that record individual fertility and/or mortality events were made available in IPUMS-International. These files can be downloaded and linked to data produced by the extract system.

NEW VARIABLES.

- IPUMS-International now provides harmonized and year-specific geography variables for all countries including 13 new samples from Dominican Republic, Germany, Indonesia, Israel, Malaysia, Mongolia, Nicaragua, Nigeria, Palestine, Paraguay, Thailand, United Kingdom, and Uruguay. First-level and second-level year specific geography variables are also available for all countries. IPUMS provides corresponding, downloadable GIS boundary files for all harmonized and year specific geography variables. More information about IPUMS geography variables is available [here](#).
- IPUMS International now provides spatially harmonized previous-residence variables at the first administrative level of geography. The codes for the spatially harmonized previous-residence variables match the spatially harmonized place of current residence. More information is available [here](#).
- IPUMS International provides spatially harmonized previous-residence variables at the first administrative level of geography for all samples; previously available country-specific migration variables at the first administrative level that were not fully harmonized spatially have been phased out. Spatially harmonized previous-residence variables at the second administrative level of geography are available for selected samples. More information is available [here](#). Users should note that many older migration variables are available by different names. Refer to this table for a crosswalk of old and corresponding new migration variables.
- IPUMS International now provides spatially harmonized previous-residence variables at the first administrative level of geography for all samples. Spatially harmonized previous-residence variables at the second administrative level of geography are available for several samples in this data release. More information is available [here](#). Users should note that many older migration variables are available by different names. Refer to this table for a crosswalk of old and corresponding new migration variables.
- Lower (third) level geography codes and GIS files have been added for Bangladesh, China, Ethiopia, Mali, Rwanda, and Zimbabwe. Some geography codes and labels might have changed for these countries to accommodate the newer lower level geography.
- Added more detailed 3-digit industry and occupation variables for China 2000.

EDITED SAMPLES.

- Revised full-count data for Great Britain 1881
- Revised full-count datasets for Sweden 1890 and 1900. The revision includes the following changes that improve comparability across Sweden datasets:
 - Revisions to certain ethnicity and work variables (and the underlying source data): ORIGIN, LABFORCE, OCCHISCO, OCRELATE, OCSTATUS.
 - Revisions to unharmonized source variables: SE1890A_HISCOSE, SE1890A_HISCRELSE, SE1890A_HISCSTATSE, SE1890A_OCCMULTISE, SE1900A_HISCOSE, SE1900A_HISCRELSE, SE1900A_HISCSTATSE, SE1900A_OCCMULTISE.
- A new United States 1850 full-count dataset now matches the corresponding dataset distributed by the USA IPUMS data project. The source variable US1850A_0502 (HISTID) provides a linking key to match person records to the USA version of the data. The IPUMS International version of the data contains names, which the USA version cannot distribute.

EDITED VARIABLES.

An error affecting HHWT for South Africa 2007 was corrected. The existing values were adjusted by a factor of 0.01.

AGEMARR was edited to add data for Hungary 1980 and 1990.

Harmonized and year-specific geography variables for Brazil and Colombia have been edited to accommodate for the availability of refined municipal boundaries. Users should be aware that codes and labels have changed in all harmonized and year specific geography variables for these two countries.

Errors affecting BPLSE2 (formerly BLPARSE) for Sweden 1890 and the underlying source variable were corrected. Several thousand cases were incorrectly coded as 258101000. These cases have been updated with the correct code: 258171000.

Harmonized geography variables for Italy, Philippines, Rwanda, and United States have been edited to accommodate new samples. Users should be aware that codes and labels have changed in all harmonized and year specific geography variables for these countries. More information about IPUMS geography variables is available [here](#).

The codes for the source variable RW2002A_0419 were corrected to include 0 and 8 as possible responses, which were previously identified as 'unknown years' within primary education.

Errors affecting EDUCFJ for Fiji 2006 were corrected.

A problem with PERWT for Tanzania 2012 was corrected. The previous weights were adjusted to properly reflect population totals.

MOMLOC, POPLOC, and PARRULE were updated for the United States 2010 and 2015 samples to include additional information on subfamilies. Prior to this correction, persons above age 17 were not receiving links to their co-resident mothers and fathers.

An error affecting codes for the URBAN variable in Egypt 1986 for Cairo, Alexandria, Port-Said, and Suez was corrected.

An error in INCEARN affecting Venezuela 2001 was corrected. Earned income in the source variable VE2001A_0440 is interpreted as a monthly amount, thus adjustments previously applied to convert data from daily or weekly income were suppressed.

All the six Brazil samples in IPUMS International were replaced with higher density samples.

An edited version of the Chile 2017 sample was introduced to correct an error in household breaks.

Errors affecting codes for GEO1_ZA in South Africa 2011 and ENUTS1 in United Kingdom 1991 were corrected.

Harmonized geography variables for Cambodia, Fiji, and Nepal have been edited to accommodate new samples. Users should be aware that codes and labels have changed in all harmonized and year-specific geography variables for these countries. More information about IPUMS geography variables is available [here](#).

An error in PERWT affecting Nepal 2001 was corrected.

Errors affecting a code in GQ for Brazil 2010 and Indonesia 2010 were corrected. Both census samples now identify 1-person units created by splitting a large household.

An error in MARRNUM affecting Indonesia 1976 was corrected. Some codes for GEO1_EG2006 and GEO2_EG2006 were edited.

Harmonized geography variables for Bolivia, Cuba, Guinea, Ireland, Morocco, Palestine, Senegal, South Africa, and Uganda have been edited to accommodate new samples. Users should be aware that codes and labels have changed in all harmonized and year-specific geography variables for these countries. More information about IPUMS geography variables is available [here](#).

An error in INCEARN affecting Brazil 1980 was corrected.

An error in EDATTAIN affecting Ireland 1971 and 1981 was corrected.

A small proportion of person records in Mexico 1960 were re-classified in MIGRATEP based on information about their current and previous residence. These were previously coded to 'different major administrative unit', even though their place of residence suggests that their last move was within the same major administrative unit.

The second-level technician (higher) degrees for Spain 1991, 2001, and 2011 were re-classified into post-secondary technical education in EDATTAIN.

An error affecting codes for SEX for Egypt 1848 and 1868 was corrected. The values for male and female had been reversed.

A problem with HHWT and PERWT for Canada 2011 was corrected. The previous weights were adjusted to properly reflect population totals.

Harmonized geography variables for Cambodia, Lao PDR, Mexico, Peru, Switzerland, Vietnam, Puerto Rico, United Kingdom, and United States have been edited to accommodate new samples. Users should be aware that codes and labels have

changed in all harmonized and year-specific geography variables for these countries. More information about IPUMS geography variables is available [here](#).

Harmonized geography variables for Chile and Sierra Leone have been edited to accommodate new samples. Users should be aware that codes and labels have changed in all harmonized and year-specific geography variables for these countries. More information about IPUMS geography variables is available [here](#).

An error affecting codes for COMPUTER for Senegal 2013 was corrected.

An error affecting labels available in IND for Peru 1993 was corrected.

An error affecting codes for persons previously residing abroad for MIG1_5_BO in Bolivia 2001 and 2012 was corrected.

EDUCAR, EDATTAIN, and YRSCHOOL were adjusted in the Argentina samples to incorporate information on completion of education levels in the data harmonization.

HHWT and PERWT were calibrated in Kenya 1979 to properly reflect the population distribution by province.

In GQ (group quarters status), persons residing in hospitals of all types were reclassified to 'institutional group quarters' from 'other group quarters,' making their treatment consistent with GQTYPE.

Errors affecting codes for BPLBJ2 in Benin 1979, 1992, and 2002 were corrected.

Errors affecting codes for GEO2_BR1970 in Brazil 1970 were corrected.

data_dictionary

Data file	Cases	variables
BWA1981_PHC-H-H Household records	18	48
BWA1981_PHC-P-H Person records	97238	74

Data file: BWA1981_PHC-H-H

Household records

Cases: 18

variables: 48

variables

ID	Name	Label	Question
RECTYPE	RECTYPE	Record type	
COUNTRY	COUNTRY	Country	
YEAR	YEAR	Year	
SAMPLE	SAMPLE	IPUMS sample identifier	
SERIAL	SERIAL	Household serial number	
PERSONS	PERSONS	Number of person records in the household	
HHWT	HHWT	Household weight	
SUBSAMP	SUBSAMP	Subsample number	
STRATA	STRATA	Strata identifier	
GQ	GQ	Group quarters (collective dwelling) status	
UNREL	UNREL	Number of unrelated persons	
REGIONW	REGIONW	Continent and region of country	
GEOLEV1	GEOLEV1	1st subnational geographic level, world [consistent boundaries over time]	
POPDENSGEO1	POPDENSGEO1	Population density of GEOLEV1 unit, in persons per square kilometer	
AREAMOLLWGEO1	AREAMOLLWGEO1	Area of GEOLEV1 unit in square kilometers	
GEO1_BW	GEO1_BW	Botswana, District 1981 - 2011 [Level 1; consistent boundaries, GIS]	
GEO1_BW1981	GEO1_BW1981	Botswana, District 1981 [Level 1, GIS]	
OWNERSHIP	OWNERSHIP	Ownership of dwelling [general version]	
OWNERSHIPD	OWNERSHIPD	Ownership of dwelling [detailed version]	
ELECTRIC	ELECTRIC	Electricity	
WATSUP	WATSUP	Water supply	
FUELCOOK	FUELCOOK	Cooking fuel	
TOILET	TOILET	Toilet	
FLOOR	FLOOR	Floor material	
WALL	WALL	Wall or building material	
ROOF	ROOF	Roof material	
MORTNUM	MORTNUM	Number of deaths in household last year	
ANYMORT	ANYMORT	Any deaths in household last year	

ID	Name	Label	Question
HHTYPE	HHTYPE	Household classification	
NFAMS	NFAMS	Number of families in household	
NCOUPLES	NCOUPLES	Number of married couples in household	
NMOTHERS	NMOTHERS	Number of mothers in household	
NFATHERS	NFATHERS	Number of fathers in household	
HEADLOC	HEADLOC	Head's location in household	
BW1981A_DWNUM	BW1981A_DWNUM	Dwelling number	
BW1981A_PERN	BW1981A_PERN	Number of persons in household	
BW1981A_HHNO	BW1981A_HHNO	Household serial number	
BW1981A_CATTLE	BW1981A_CATTLE	Own or look after cattle	Section D [Questions 1 through 15 were asked of private dwelling] 2. Does any person in the household own or look after cattle? [] 1 Yes [] 2 No
BW1981A_GOATS	BW1981A_GOATS	Own or look after goats or sheep	Section D [Questions 1 through 15 were asked of private dwelling] 3. Does any person in the household own or look after goats or sheeps? [] 1 Yes [] 2 No
BW1981A_DONKEY	BW1981A_DONKEY	Own or look after donkey, mules, or horses	Section D [Questions 1 through 15 were asked of private dwelling] 4. Does any person in the household own/look after donkeys, mules or horses? [] 1 Yes [] 2 No
BW1981A_CROPS	BW1981A_CROPS	Planted any crops during the last 5 years	Section D [Questions 1 through 15 were asked of private dwelling] 5. Were any crops planted by the household during the last 5 years? [] 1 Yes [] 2 No
BW1981A_OWNERSHP	BW1981A_OWNERSHP	Acquisition of house or plot	Section D [Questions 1 through 15 were asked of private dwelling] 6. How was this house/plot acquired? [] 01 Tribal authority [] 02 Land board [] 03 Purchase [] 04 Inheritance [] 05 Rent: B.H.C [] 06 Rent: council [] 07 Rent: individual [] 08 Rent: Company [] 09 Self allocation [] 10 Provided by employer [] 99 Don't know

ID	Name	Label	Question
BW1981A_RESHOUSYR	BW1981A_RESHOUSYR	Years living in this house or lolwapa	Section D [Questions 1 through 15 were asked of private dwelling] 7. How long have you and your household lived here (house/lolwapa)? (00 under 1 years) _____
BW1981A_DWTYPE	BW1981A_DWTYPE	Type of housing unit	Section D [Questions 1 through 15 were asked of private dwelling] 8. Type of housing units [] 1 Conventional (units in building intended for human habitation) [] 2 Improvised (make-shift units made of waste materials) [] 3 Unconventional (units in permanent buildings not intended for human habitation - stable, mill, garbage, warehouse, etc.) [] 4 Movable (tent, caravan, etc.) [] 5 None (Go to 12)
BW1981A_ROOF	BW1981A_ROOF	Material of roof construction	Section D [Questions 1 through 15 were asked of private dwelling] 9. Materials of construction of the roof [] 1 Concrete/brick/tiles/slate [] 2 Asbestos [] 3 Iron/zinc/tin [] 4 Thatch [] 5 Others [] 6 None
BW1981A_WALLS	BW1981A_WALLS	Material of walls construction	Section D [Questions 1 through 15 were asked of private dwelling] 10. Materials of construction of the walls [] 1 Stone/bricks/blocks [] 2 Asbestos [] 3 Iron/zinc/tin [] 4 Mud [] 5 Mud and poles [] 6 Pole/reed [] 7 Others [] 8 None
BW1981A_FLOOR	BW1981A_FLOOR	Material of floor construction	Section D [Questions 1 through 15 were asked of private dwelling] 11. Materials of construction of the floor [] 1 Stone/tiles/cement material [] 2 Wood [] 3 Mud [] 4 Others [] 5 None
BW1981A_WATSR	BW1981A_WATSR	Principal source of water supply	Section D [Questions 1 through 15 were asked of private dwelling] 12. Principle source of water supply [] 1 Pipe indoors/standing in yard [] 2 Standpipe in village/town [] 3 Borehole/well with pump [] 5 Flowing river [] 6 Sand river [] 7 Dam/lake/pan [] 8 Other

ID	Name	Label	Question
BW1981A_FUELCK	BW1981A_FUELCK	Principal fuel for cooking	Section D [Questions 1 through 15 were asked of private dwelling] 13. Principal fuel for cooking <input type="checkbox"/> 1 Electricity <input type="checkbox"/> 2 Gas <input type="checkbox"/> 3 Paraffin <input type="checkbox"/> 4 Wood/charcoal <input type="checkbox"/> 5 Coal <input type="checkbox"/> 6 Other
BW1981A_LIGHT	BW1981A_LIGHT	Principal fuel for lighting	Section D [Questions 1 through 15 were asked of private dwelling] 14. Principal fuel for lighting <input type="checkbox"/> 1 Electricity <input type="checkbox"/> 2 Gas <input type="checkbox"/> 3 Paraffin <input type="checkbox"/> 4 Wood <input type="checkbox"/> 5 Candle <input type="checkbox"/> 6 Other
BW1981A_SEWAGE	BW1981A_SEWAGE	Sanitation facilities	Section D [Questions 1 through 15 were asked of private dwelling] 15. Sanitation facilities <input type="checkbox"/> 1 Communal <input type="checkbox"/> 2 Private flush toilet <input type="checkbox"/> 3 Private pit latrine <input type="checkbox"/> 4 Private pail/bucket <input type="checkbox"/> 5 Other private sanitation facility <input type="checkbox"/> 6 None
BW1981A_DEATHS	BW1981A_DEATHS	Number of deaths (last year)	
BW1981A_STRATA	BW1981A_STRATA	Strata	

total: 53

Data file: BWA1981_PHC-P-H

Person records

Cases: 97238

variables: 74

variables

ID	Name	Label	Question
PERNUM	PERNUM	Person number	
PERWT	PERWT	Person weight	
MOMLOC	MOMLOC	Mother's location in household	
POPLOC	POPLOC	Father's location in household	
SPLOC	SPLOC	Spouse's location in household	
PARRULE	PARRULE	Rule for linking parent	
SPRULE	SPRULE	Rule for linking spouse	
STEPMOM	STEPMOM	Probable stepmother	
STEPPOP	STEPPOP	Probable stepfather	
POLYMAL	POLYMAL	Man with more than one wife linked	
POLY2ND	POLY2ND	Woman is second or higher order wife	
FAMUNIT	FAMUNIT	Family unit membership	
FAMSIZE	FAMSIZE	Number of own family members in household	
NCHILD	NCHILD	Number of own children in household	
NCHLT5	NCHLT5	Number of own children under age 5 in household	
ELDCH	ELDCH	Age of eldest own child in household	
YNGCH	YNGCH	Age of youngest own child in household	
RELATE	RELATE	Relationship to household head [general version]	
RELATED	RELATED	Relationship to household head [detailed version]	
AGE	AGE	Age	
AGE2	AGE2	Age, grouped into intervals	
SEX	SEX	Sex	
MARST	MARST	Marital status [general version]	
MARSTD	MARSTD	Marital status [detailed version]	
CHBORN	CHBORN	Children ever born	
CHSURV	CHSURV	Children surviving	
BIRTHSLYR	BIRTHSLYR	Number of births last year	
CHDEAD	CHDEAD	Number of children dead	
HOMECHILD	HOMECHILD	Number of own children in household	
AWAYCHILD	AWAYCHILD	Number of own children living elsewhere	
CITIZEN	CITIZEN	Citizenship	
NATION	NATION	Country of citizenship	
SCHOOL	SCHOOL	School attendance	

ID	Name	Label	Question
EDATTAIN	EDATTAIN	Educational attainment, international recode [general version]	
EDATTAIND	EDATTAIND	Educational attainment, international recode [detailed version]	
YRSCHOOL	YRSCHOOL	Years of schooling	
EDUCBW	EDUCBW	Educational attainment, Botswana	
OCCISCO	OCCISCO	Occupation, ISCO general	
OCC	OCC	Occupation, unrecoded	
INDGEN	INDGEN	Industry, general recode	
IND	IND	Industry, unrecoded	
MIGRATE1	MIGRATE1	Migration status, 1 year	
MIGCTRY1	MIGCTRY1	Country of residence 1 year ago	
GEOMIG1_1	GEOMIG1_1	1st subnational geographic level of residence 1 years prior to survey, world [consistent boundaries over time]	
MIG1_1_BW	MIG1_1_BW	District of residence 1 year ago, Botswana; consistent boundaries, GIS	
BW1981A_PERNUM	BW1981A_PERNUM	Person number (within household)	
BW1981A_STATUS	BW1981A_STATUS	Residency status	
BW1981A_RELATE	BW1981A_RELATE	Relationship to household head	[This question were asked of persons in private household] 3. What is (the person)'s relationship to the head of this household? [] 01 Head [] 02 Spouse [] 03 Son/daughter [] 04 Brother/sister [] 05 Nephew/niece [] 06 In-law [] 07 Grandchild [] 08 Parent [] 09 Other relative [] 10 Not related [] 11 Visitor
BW1981A_SEX	BW1981A_SEX	Sex	4. Sex [] 1 Male [] 2 Female
BW1981A_AGE	BW1981A_AGE	Age	5. Age at last birthday (if under 1 year enter 00) _____
BW1981A_MARST	BW1981A_MARST	Marital status	6. Marital status [] 1 Never married [] 2 Married [] 3 Separated [] 4 Divorced [] 5 Widowed

ID	Name	Label	Question
BW1981A_CITIZEN	BW1981A_CITIZEN	Country of citizenship	[Questions 7 through 9 were asked of present residents in the household] 7. What is the country of (the person)'s citizenship? <input type="checkbox"/> 01 Botswana <input type="checkbox"/> 02 Zimbabwe <input type="checkbox"/> 03 Zambia <input type="checkbox"/> 04 Namibia <input type="checkbox"/> 05 Malawi <input type="checkbox"/> 06 Angola <input type="checkbox"/> 07 Lesotho <input type="checkbox"/> 08 Swaziland <input type="checkbox"/> 09 South Africa <input type="checkbox"/> 10 UK <input type="checkbox"/> 11 USA <input type="checkbox"/> 12 India <input type="checkbox"/> 13 Pakistan <input type="checkbox"/> Other (specify)
BW1981A_RESPLACE	BW1981A_RESPLACE	Place of usual residence	[Questions 7 through 9 were asked of present residents in the household] 8. Where does (the person) usually live? <input type="checkbox"/> 0001 In this housing unit <input type="checkbox"/> 0002 Elsewhere in this locality <input type="checkbox"/> _____ Elsewhere in Botswana (see list) <input type="checkbox"/> 77XX Other country (see list)
BW1981A_RESDIST	BW1981A_RESDIST	District of usual residence	[Questions 7 through 9 were asked of present residents in the household] 8. Where does (the person) usually live? <input type="checkbox"/> 0001 In this housing unit <input type="checkbox"/> 0002 Elsewhere in this locality <input type="checkbox"/> _____ Elsewhere in Botswana (see list) <input type="checkbox"/> 77XX Other country (see list)
BW1981A_RESCNTRY	BW1981A_RESCNTRY	Country of usual residence	[Questions 7 through 9 were asked of present residents in the household] 8. Where does (the person) usually live? <input type="checkbox"/> 0001 In this housing unit <input type="checkbox"/> 0002 Elsewhere in this locality <input type="checkbox"/> _____ Elsewhere in Botswana (see list) <input type="checkbox"/> 77XX Other country (see list)
BW1981A_PLACE1YR	BW1981A_PLACE1YR	Place of residence 1 year ago	[This question were asked of all persons in present residents aged 1 plus] 9. Where did (the person) lived this time last year? <input type="checkbox"/> 0000 Not born <input type="checkbox"/> 0001 In this housing unit <input type="checkbox"/> 0002 Elsewhere in this locality <input type="checkbox"/> _____ Elsewhere in Botswana (see list) <input type="checkbox"/> 77XX Other country (see list)

ID	Name	Label	Question
BW1981A_DIST1YR	BW1981A_DIST1YR	District of residence 1 year ago	[This question were asked of all persons in present residents aged 1 plus] 9. Where did (the person) lived this time last year? <input type="checkbox"/> 0000 Not born <input type="checkbox"/> 0001 In this housing unit <input type="checkbox"/> 0002 Elsewhere in this locality <input type="checkbox"/> _____ Elsewhere in Botswana (see list) <input type="checkbox"/> 77XX Other country (see list)
BW1981A_CNTRY1YR	BW1981A_CNTRY1YR	Country of residence 1 year ago	[This question were asked of all persons in present residents aged 1 plus] 9. Where did (the person) lived this time last year? <input type="checkbox"/> 0000 Not born <input type="checkbox"/> 0001 In this housing unit <input type="checkbox"/> 0002 Elsewhere in this locality <input type="checkbox"/> _____ Elsewhere in Botswana (see list) <input type="checkbox"/> 77XX Other country (see list)
BW1981A_HHTYPEP	BW1981A_HHTYPEP	Institution type	
BW1981A_SCHOOL	BW1981A_SCHOOL	School attendance	(All Persons 5 years and over) 10. Has (the person) ever attended school? <input type="checkbox"/> 1 Never attended <input type="checkbox"/> 2 Still at school <input type="checkbox"/> 3 Left school
BW1981A_EDATTAIN	BW1981A_EDATTAIN	Highest school level and grade passed	(All Persons 5 years and over) 11. What is the highest school grade that (the person) passed? Primary <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 Secondary <input type="checkbox"/> 21 <input type="checkbox"/> 22 <input type="checkbox"/> 23 <input type="checkbox"/> 24 <input type="checkbox"/> 25 <input type="checkbox"/> 26 Tertiary <input type="checkbox"/> 31 <input type="checkbox"/> 32 <input type="checkbox"/> 33 <input type="checkbox"/> 34 <input type="checkbox"/> 35
BW1981A_WORKMON	BW1981A_WORKMON	Work regularly for cash during the past month	(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over) 12. During the past month did (the person) work regularly for cash? <input type="checkbox"/> 1 Yes, for someone else <input type="checkbox"/> 2 Yes, for self (Go to 14) <input type="checkbox"/> 3 No

ID	Name	Label	Question
BW1981A_ACTIVITY	BW1981A_ACTIVITY	Type of activity if not working regularly for cash during the past month	(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over) 13. What did (the person) do? [] 1 Housewife [] 2 Student [] 3 Retired [] 4 Activity looking for work [] 5 Work at family landscape [] 6 Periodic piece jobs [] 7 Others (Go to 16 if applicable, else stop)
BW1981A_OCC	BW1981A_OCC	Occupation	(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over) 14. What type of work did (the person) do? _____
BW1981A_IND	BW1981A_IND	Industry	(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over) 15. What was the main product, service/activity of (the person)'s place of work? _____
BW1981A_CHBORN	BW1981A_CHBORN	Number of children ever born alive	(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+] 16. How many children have been born alive to (the person)? _____
BW1981A_CHHOME	BW1981A_CHHOME	Number of children living with mother in this household	(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+] 17. How many children are living in this household? _____
BW1981A_CHAWAY	BW1981A_CHAWAY	Number of children living elsewhere	(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+] 18. How many children are living elsewhere? _____
BW1981A_CHDEAD	BW1981A_CHDEAD	Number of children dead	(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+] 19. How many children are dead? _____
BW1981A_BTHLYR	BW1981A_BTHLYR	Number of children born alive last year	
BW1981A_ABSNTRY	BW1981A_ABSNTRY	Country of stay for absent household member	
BW1981A_ABSYR	BW1981A_ABSYR	Years since the absent household member's last visit	8. Duration since last visit ____ Years ____ Months

ID	Name	Label	Question
BW1981A_ABSMON	BW1981A_ABSMON	Months since the absent household member's last visit	8. Duration since last visit ___ Years ___ Months
BW1981A_ABSREAS	BW1981A_ABSREAS	Reasons for being away of the absent household member	9. Reason for being away <input type="checkbox"/> 01 Working in mines <input type="checkbox"/> 02 Working in farms <input type="checkbox"/> 03 Working as domestic <input type="checkbox"/> 04 Other employment <input type="checkbox"/> 05 Student <input type="checkbox"/> 06 Visiting relatives <input type="checkbox"/> 07 Official business <input type="checkbox"/> 08 Other business <input type="checkbox"/> 09 Others <input type="checkbox"/> 10 Don't know

total: 74

COUNTRY: Country**Data file: BWA1981_PHC-H-H****Overview**

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
032	Argentina
051	Armenia
040	Austria
050	Bangladesh
112	Belarus
204	Benin
068	Bolivia
072	Botswana
076	Brazil
854	Burkina Faso
116	Cambodia
120	Cameroon
124	Canada
152	Chile
156	China
170	Colombia
188	Costa Rica
192	Cuba
208	Denmark
214	Dominican Republic
218	Ecuador
818	Egypt
222	El Salvador
231	Ethiopia
242	Fiji
246	Finland
250	France
276	Germany
288	Ghana
300	Greece

320	Guatemala
324	Guinea
332	Haiti
340	Honduras
348	Hungary
352	Iceland
356	India
360	Indonesia
364	Iran
368	Iraq
372	Ireland
376	Israel
380	Italy
384	Ivory Coast
388	Jamaica
400	Jordan
404	Kenya
417	Kyrgyz Republic
418	Laos
426	Lesotho
430	Liberia
454	Malawi
458	Malaysia
466	Mali
480	Mauritius
484	Mexico
496	Mongolia
504	Morocco
508	Mozambique
104	Myanmar
524	Nepal
528	Netherlands
558	Nicaragua
566	Nigeria
578	Norway
586	Pakistan
275	Palestine
591	Panama
598	Papua New Guinea

600	Paraguay
604	Peru
608	Philippines
616	Poland
620	Portugal
630	Puerto Rico
642	Romania
643	Russia
646	Rwanda
662	Saint Lucia
686	Senegal
694	Sierra Leone
703	Slovak Republic
705	Slovenia
710	South Africa
728	South Sudan
724	Spain
729	Sudan
740	Suriname
752	Sweden
756	Switzerland
834	Tanzania
764	Thailand
768	Togo
780	Trinidad and Tobago
792	Turkey
800	Uganda
804	Ukraine
826	United Kingdom
840	United States
858	Uruguay
862	Venezuela
704	Vietnam
894	Zambia
716	Zimbabwe

description

DEFINITION

COUNTRY gives the country from which the sample was drawn. The codes assigned to each country are those used by the

UN Statistics Division and the ISO (International Organization for Standardization).

concept

CONCEPT

GQ: Group quarters (collective dwelling) status

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	Vacant
10	Households
20	Group quarters (collective), n.s.
21	Institutions
22	Other group quarters
29	1-person unit created by splitting large household
99	Unknown/group quarters not identified

description

DEFINITION

GQ identifies households as vacant dwellings, group quarters, or private households. Group quarters -- collective dwellings -- are generally institutions and other group living arrangements such as rooming houses and boarding schools.

Institutions often retain persons under formal supervision or custody, such as correctional institutions, military barracks, asylums, or nursing homes. Educational and religious group dwellings (e.g., boarding schools, convents, monasteries, etc.) are also included in the institutional classification.

Group quarter designations are often useful for understanding the universe of households that answered questions about household characteristics. Censuses will often exclude group quarters from such questions.

concept

CONCEPT

HHWT: Household weight

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Decimal: 2 Width: 8 Range: - Format: Numeric

description

DEFINITION

HHWT indicates the number of households in the population represented by the household in the sample.

For the samples that are truly weighted (see the comparability discussion), HHWT must be used to yield accurate household-level statistics.

NOTE: HHWT has 2 implied decimal places. That is, the last two digits of the eight-digit variable are decimal digits, but there is no actual decimal in the data.

concept

CONCEPT

Imputation and derivation

DERIVATION

HHWT is an 8-digit numeric variable with 2 implied decimal places. See the variable description.

PERSONS: Number of person records in the household

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Width: 4 Range: - Format: Numeric

description

DEFINITION

PERSONS indicates how many person records are included in the household (i.e., the number of person records associated with the household record in the sample). These person records will all have the same serial number (SERIAL) as the household record. The information contained in the household record will normally apply to all of these persons.

concept

CONCEPT

Imputation and derivation

DERIVATION

PERSONS is a 4-digit numeric variable.

RECTYPE: Record type**Data file:** BWA1981_PHC-H-H**Overview**

Type: Continuous Width: 1 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category
H	Household
P	Person

description

DEFINITION

RECTYPE identifies the type of record for the case: household or person.

NOTE: RECTYPE is an alphabetic (character string) variable with a value of 'H' for household records and 'P' for person records. RECTYPE will not appear as a variable in the default rectangular extracts produced by the data extract system. It is only available in hierarchical extracts, to distinguish between the two record types.

concept

CONCEPT

SAMPLE: IPUMS sample identifier**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
032197001	Argentina 1970
032198001	Argentina 1980
032199101	Argentina 1991
032200101	Argentina 2001
032201001	Argentina 2010
051200101	Armenia 2001
051201101	Armenia 2011

040197101	Austria 1971
040198101	Austria 1981
040199101	Austria 1991
040200101	Austria 2001
040201101	Austria 2011
050199101	Bangladesh 1991
050200101	Bangladesh 2001
050201101	Bangladesh 2011
112199901	Belarus 1999
112200901	Belarus 2009
204197901	Benin 1979
204199201	Benin 1992
204200201	Benin 2002
204201301	Benin 2013
068197601	Bolivia 1976
068199201	Bolivia 1992
068200101	Bolivia 2001
068201201	Bolivia 2012
072198101	Botswana 1981
072199101	Botswana 1991
072200101	Botswana 2001
072201101	Botswana 2011
076196001	Brazil 1960
076197001	Brazil 1970
076198001	Brazil 1980
076199101	Brazil 1991
076200001	Brazil 2000
076201001	Brazil 2010
854198501	Burkina Faso 1985
854199601	Burkina Faso 1996
854200601	Burkina Faso 2006
116199801	Cambodia 1998
116200401	Cambodia 2004
116200801	Cambodia 2008
116201301	Cambodia 2013
116201901	Cambodia 2019
120197601	Cameroon 1976
120198701	Cameroon 1987
120200501	Cameroon 2005

124185201	Canada 1852
124187101	Canada 1871
124188101	Canada 1881
124189101	Canada 1891
124190101	Canada 1901
124191101	Canada 1911
124197101	Canada 1971
124198101	Canada 1981
124199101	Canada 1991
124200101	Canada 2001
124201101	Canada 2011
152196001	Chile 1960
152197001	Chile 1970
152198201	Chile 1982
152199201	Chile 1992
152200201	Chile 2002
152201701	Chile 2017
156198201	China 1982
156199001	China 1990
156200001	China 2000
170196401	Colombia 1964
170197301	Colombia 1973
170198501	Colombia 1985
170199301	Colombia 1993
170200501	Colombia 2005
188196301	Costa Rica 1963
188197301	Costa Rica 1973
188198401	Costa Rica 1984
188200001	Costa Rica 2000
188201101	Costa Rica 2011
192200201	Cuba 2002
192201201	Cuba 2012
208178701	Denmark 1787
208180101	Denmark 1801
208184501	Denmark 1845
208188001	Denmark 1880
208188501	Denmark 1885
214196001	Dominican Republic 1960
214197001	Dominican Republic 1970

214198101	Dominican Republic 1981
214200201	Dominican Republic 2002
214201001	Dominican Republic 2010
218196201	Ecuador 1962
218197401	Ecuador 1974
218198201	Ecuador 1982
218199001	Ecuador 1990
218200101	Ecuador 2001
218201001	Ecuador 2010
818184801	Egypt 1848
818186801	Egypt 1868
818198601	Egypt 1986
818199601	Egypt 1996
818200601	Egypt 2006
222199201	El Salvador 1992
222200701	El Salvador 2007
231198401	Ethiopia 1984
231199401	Ethiopia 1994
231200701	Ethiopia 2007
242196601	Fiji 1966
242197601	Fiji 1976
242198601	Fiji 1986
242199601	Fiji 1996
242200701	Fiji 2007
242201401	Fiji 2014
246201001	Finland 2010
250196201	France 1962
250196801	France 1968
250197501	France 1975
250198201	France 1982
250199001	France 1990
250199901	France 1999
250200601	France 2006
250201101	France 2011
276181901	Germany 1819 (Mecklenburg)
276197001	Germany 1970 (West)
276197101	Germany 1971 (East)
276198101	Germany 1981 (East)
276198701	Germany 1987 (West)

288198401	Ghana 1984
288200001	Ghana 2000
288201001	Ghana 2010
300197101	Greece 1971
300198101	Greece 1981
300199101	Greece 1991
300200101	Greece 2001
300201101	Greece 2011
320196401	Guatemala 1964
320197301	Guatemala 1973
320198101	Guatemala 1981
320199401	Guatemala 1994
320200201	Guatemala 2002
324198301	Guinea 1983
324199601	Guinea 1996
324201401	Guinea 2014
332197101	Haiti 1971
332198201	Haiti 1982
332200301	Haiti 2003
340196101	Honduras 1961
340197401	Honduras 1974
340198801	Honduras 1988
340200101	Honduras 2001
348197001	Hungary 1970
348198001	Hungary 1980
348199001	Hungary 1990
348200101	Hungary 2001
348201101	Hungary 2011
352170301	Iceland 1703
352172901	Iceland 1729
352180101	Iceland 1801
352190101	Iceland 1901
352191001	Iceland 1910
356198341	India 1983
356198741	India 1987
356199341	India 1993
356199941	India 1999
356200441	India 2004
356200941	India 2009

360197101	Indonesia 1971
360197601	Indonesia 1976
360198001	Indonesia 1980
360198501	Indonesia 1985
360199001	Indonesia 1990
360199501	Indonesia 1995
360200001	Indonesia 2000
360200501	Indonesia 2005
360201001	Indonesia 2010
364200601	Iran 2006
364201101	Iran 2011
368199701	Iraq 1997
372190101	Ireland 1901
372191101	Ireland 1911
372197101	Ireland 1971
372197901	Ireland 1979
372198101	Ireland 1981
372198601	Ireland 1986
372199101	Ireland 1991
372199601	Ireland 1996
372200201	Ireland 2002
372200601	Ireland 2006
372201101	Ireland 2011
372201601	Ireland 2016
376197201	Israel 1972
376198301	Israel 1983
376199501	Israel 1995
376200801	Israel 2008
380200101	Italy 2001
380201101	Italy 2011
380201121	Italy 2011 Q1 LFS
380201221	Italy 2012 Q1 LFS
380201321	Italy 2013 Q1 LFS
380201421	Italy 2014 Q1 LFS
380201521	Italy 2015 Q1 LFS
380201621	Italy 2016 Q1 LFS
380201721	Italy 2017 Q1 LFS
380201821	Italy 2018 Q1 LFS
380201921	Italy 2019 Q1 LFS

380202021	Italy 2020 Q1 LFS
384198801	Ivory Coast 1988
384199801	Ivory Coast 1998
388198201	Jamaica 1982
388199101	Jamaica 1991
388200101	Jamaica 2001
400200401	Jordan 2004
404196901	Kenya 1969
404197901	Kenya 1979
404198901	Kenya 1989
404199901	Kenya 1999
404200901	Kenya 2009
417199901	Kyrgyz Republic 1999
417200901	Kyrgyz Republic 2009
418199501	Laos 1995
418200501	Laos 2005
418201501	Laos 2015
426199601	Lesotho 1996
426200601	Lesotho 2006
430197401	Liberia 1974
430200801	Liberia 2008
454198701	Malawi 1987
454199801	Malawi 1998
454200801	Malawi 2008
458197001	Malaysia 1970
458198001	Malaysia 1980
458199101	Malaysia 1991
458200001	Malaysia 2000
466198701	Mali 1987
466199801	Mali 1998
466200901	Mali 2009
480199001	Mauritius 1990
480200001	Mauritius 2000
480201101	Mauritius 2011
484196001	Mexico 1960
484197001	Mexico 1970
484199001	Mexico 1990
484199501	Mexico 1995
484200001	Mexico 2000

484200501	Mexico 2005
484201001	Mexico 2010
484201501	Mexico 2015
484202001	Mexico 2020
484200521	Mexico 2005 Q1 LFS
484200522	Mexico 2005 Q2 LFS
484200523	Mexico 2005 Q3 LFS
484200524	Mexico 2005 Q4 LFS
484200621	Mexico 2006 Q1 LFS
484200622	Mexico 2006 Q2 LFS
484200623	Mexico 2006 Q3 LFS
484200624	Mexico 2006 Q4 LFS
484200721	Mexico 2007 Q1 LFS
484200722	Mexico 2007 Q2 LFS
484200723	Mexico 2007 Q3 LFS
484200724	Mexico 2007 Q4 LFS
484200821	Mexico 2008 Q1 LFS
484200822	Mexico 2008 Q2 LFS
484200823	Mexico 2008 Q3 LFS
484200824	Mexico 2008 Q4 LFS
484200921	Mexico 2009 Q1 LFS
484200922	Mexico 2009 Q2 LFS
484200923	Mexico 2009 Q3 LFS
484200924	Mexico 2009 Q4 LFS
484201021	Mexico 2010 Q1 LFS
484201022	Mexico 2010 Q2 LFS
484201023	Mexico 2010 Q3 LFS
484201024	Mexico 2010 Q4 LFS
484201121	Mexico 2011 Q1 LFS
484201122	Mexico 2011 Q2 LFS
484201123	Mexico 2011 Q3 LFS
484201124	Mexico 2011 Q4 LFS
484201221	Mexico 2012 Q1 LFS
484201222	Mexico 2012 Q2 LFS
484201223	Mexico 2012 Q3 LFS
484201224	Mexico 2012 Q4 LFS
484201321	Mexico 2013 Q1 LFS
484201322	Mexico 2013 Q2 LFS
484201323	Mexico 2013 Q3 LFS

484201324	Mexico 2013 Q4 LFS
484201421	Mexico 2014 Q1 LFS
484201422	Mexico 2014 Q2 LFS
484201423	Mexico 2014 Q3 LFS
484201424	Mexico 2014 Q4 LFS
484201521	Mexico 2015 Q1 LFS
484201522	Mexico 2015 Q2 LFS
484201523	Mexico 2015 Q3 LFS
484201524	Mexico 2015 Q4 LFS
484201621	Mexico 2016 Q1 LFS
484201622	Mexico 2016 Q2 LFS
484201623	Mexico 2016 Q3 LFS
484201624	Mexico 2016 Q4 LFS
484201721	Mexico 2017 Q1 LFS
484201722	Mexico 2017 Q2 LFS
484201723	Mexico 2017 Q3 LFS
484201724	Mexico 2017 Q4 LFS
484201821	Mexico 2018 Q1 LFS
484201822	Mexico 2018 Q2 LFS
484201823	Mexico 2018 Q3 LFS
484201824	Mexico 2018 Q4 LFS
484201921	Mexico 2019 Q1 LFS
484201922	Mexico 2019 Q2 LFS
484201923	Mexico 2019 Q3 LFS
484201924	Mexico 2019 Q4 LFS
484202021	Mexico 2020 Q1 LFS
484202023	Mexico 2020 Q3 LFS
496198901	Mongolia 1989
496200001	Mongolia 2000
504198201	Morocco 1982
504199401	Morocco 1994
504200401	Morocco 2004
504201401	Morocco 2014
508199701	Mozambique 1997
508200701	Mozambique 2007
104201401	Myanmar 2014
524200101	Nepal 2001
524201101	Nepal 2011
528196001	Netherlands 1960

528197101	Netherlands 1971
528200101	Netherlands 2001
528201101	Netherlands 2011
558197101	Nicaragua 1971
558199501	Nicaragua 1995
558200501	Nicaragua 2005
566200621	Nigeria 2006
566200721	Nigeria 2007
566200821	Nigeria 2008
566200921	Nigeria 2009
566201021	Nigeria 2010
578180101	Norway 1801
578186501	Norway 1865
578187501	Norway 1875
578190001	Norway 1900
578191001	Norway 1910
586197301	Pakistan 1973
586198101	Pakistan 1981
586199801	Pakistan 1998
275199701	Palestine 1997
275200701	Palestine 2007
275201701	Palestine 2017
591196001	Panama 1960
591197001	Panama 1970
591198001	Panama 1980
591199001	Panama 1990
591200001	Panama 2000
591201001	Panama 2010
598198001	Papua New Guinea 1980
598199001	Papua New Guinea 1990
598200001	Papua New Guinea 2000
600196201	Paraguay 1962
600197201	Paraguay 1972
600198201	Paraguay 1982
600199201	Paraguay 1992
600200201	Paraguay 2002
604199301	Peru 1993
604200701	Peru 2007
604201701	Peru 2017

608199001	Philippines 1990
608199501	Philippines 1995
608200001	Philippines 2000
608201001	Philippines 2010
616197801	Poland 1978
616198801	Poland 1988
616200201	Poland 2002
616201101	Poland 2011
620198101	Portugal 1981
620199101	Portugal 1991
620200101	Portugal 2001
620201101	Portugal 2011
630197001	Puerto Rico 1970
630198001	Puerto Rico 1980
630199001	Puerto Rico 1990
630200001	Puerto Rico 2000
630200501	Puerto Rico 2005
630201001	Puerto Rico 2010
630201501	Puerto Rico 2015
630202001	Puerto Rico 2020
642197701	Romania 1977
642199201	Romania 1992
642200201	Romania 2002
642201101	Romania 2011
643200201	Russia 2002
643201001	Russia 2010
646199101	Rwanda 1991
646200201	Rwanda 2002
646201201	Rwanda 2012
662198001	Saint Lucia 1980
662199101	Saint Lucia 1991
686198801	Senegal 1988
686200201	Senegal 2002
686201301	Senegal 2013
694200401	Sierra Leone 2004
694201501	Sierra Leone 2015
703199101	Slovak Republic 1991
703200101	Slovak Republic 2001
703201101	Slovak Republic 2011

705200201	Slovenia 2002
710199601	South Africa 1996
710200101	South Africa 2001
710200701	South Africa 2007
710201101	South Africa 2011
710201601	South Africa 2016
728200801	South Sudan 2008
724198101	Spain 1981
724199101	Spain 1991
724200101	Spain 2001
724201101	Spain 2011
724200521	Spain 2005 Q1 LFS
724200522	Spain 2005 Q2 LFS
724200523	Spain 2005 Q3 LFS
724200524	Spain 2005 Q4 LFS
724200621	Spain 2006 Q1 LFS
724200622	Spain 2006 Q2 LFS
724200623	Spain 2006 Q3 LFS
724200624	Spain 2006 Q4 LFS
724200721	Spain 2007 Q1 LFS
724200722	Spain 2007 Q2 LFS
724200723	Spain 2007 Q3 LFS
724200724	Spain 2007 Q4 LFS
724200821	Spain 2008 Q1 LFS
724200822	Spain 2008 Q2 LFS
724200823	Spain 2008 Q3 LFS
724200824	Spain 2008 Q4 LFS
724200921	Spain 2009 Q1 LFS
724200922	Spain 2009 Q2 LFS
724200923	Spain 2009 Q3 LFS
724200924	Spain 2009 Q4 LFS
724201021	Spain 2010 Q1 LFS
724201022	Spain 2010 Q2 LFS
724201023	Spain 2010 Q3 LFS
724201024	Spain 2010 Q4 LFS
724201121	Spain 2011 Q1 LFS
724201122	Spain 2011 Q2 LFS
724201123	Spain 2011 Q3 LFS
724201124	Spain 2011 Q4 LFS

724201221	Spain 2012 Q1 LFS
724201222	Spain 2012 Q2 LFS
724201223	Spain 2012 Q3 LFS
724201224	Spain 2012 Q4 LFS
724201321	Spain 2013 Q1 LFS
724201322	Spain 2013 Q2 LFS
724201323	Spain 2013 Q3 LFS
724201324	Spain 2013 Q4 LFS
724201421	Spain 2014 Q1 LFS
724201422	Spain 2014 Q2 LFS
724201423	Spain 2014 Q3 LFS
724201424	Spain 2014 Q4 LFS
724201521	Spain 2015 Q1 LFS
724201522	Spain 2015 Q2 LFS
724201523	Spain 2015 Q3 LFS
724201524	Spain 2015 Q4 LFS
724201621	Spain 2016 Q1 LFS
724201622	Spain 2016 Q2 LFS
724201623	Spain 2016 Q3 LFS
724201624	Spain 2016 Q4 LFS
724201721	Spain 2017 Q1 LFS
724201722	Spain 2017 Q2 LFS
724201723	Spain 2017 Q3 LFS
724201724	Spain 2017 Q4 LFS
724201821	Spain 2018 Q1 LFS
724201822	Spain 2018 Q2 LFS
724201823	Spain 2018 Q3 LFS
724201824	Spain 2018 Q4 LFS
724201921	Spain 2019 Q1 LFS
724201922	Spain 2019 Q2 LFS
724201923	Spain 2019 Q3 LFS
724201924	Spain 2019 Q4 LFS
724202021	Spain 2020 Q1 LFS
724202022	Spain 2020 Q2 LFS
724202023	Spain 2020 Q3 LFS
724202024	Spain 2020 Q4 LFS
729200801	Sudan 2008
740200401	Suriname 2004
740201201	Suriname 2012

752188001	Sweden 1880
752189001	Sweden 1890
752190001	Sweden 1900
752191001	Sweden 1910
756197001	Switzerland 1970
756198001	Switzerland 1980
756199001	Switzerland 1990
756200001	Switzerland 2000
756201101	Switzerland 2011
834198801	Tanzania 1988
834200201	Tanzania 2002
834201201	Tanzania 2012
764197001	Thailand 1970
764198001	Thailand 1980
764199001	Thailand 1990
764200001	Thailand 2000
768196001	Togo 1960
768197001	Togo 1970
768201001	Togo 2010
780197001	Trinidad and Tobago 1970
780198001	Trinidad and Tobago 1980
780199001	Trinidad and Tobago 1990
780200001	Trinidad and Tobago 2000
780201101	Trinidad and Tobago 2011
792198501	Turkey 1985
792199001	Turkey 1990
792200001	Turkey 2000
800199101	Uganda 1991
800200201	Uganda 2002
800201401	Uganda 2014
804200101	Ukraine 2001
826185101	United Kingdom 1851 (England and Wales)
826185102	United Kingdom 1851 (Scotland)
826185103	United Kingdom 1851 (2% sample)
826186101	United Kingdom 1861 (England and Wales)
826186102	United Kingdom 1861 (Scotland)
826187101	United Kingdom 1871 (Scotland)
826188101	United Kingdom 1881 (England and Wales)
826188102	United Kingdom 1881 (Scotland)

826189101	United Kingdom 1891 (England and Wales)
826189102	United Kingdom 1891 (Scotland)
826190101	United Kingdom 1901 (England and Wales)
826190102	United Kingdom 1901 (Scotland)
826191101	United Kingdom 1911 (England and Wales)
826196101	United Kingdom 1961
826197101	United Kingdom 1971
826199101	United Kingdom 1991
826200101	United Kingdom 2001
840185001	United States 1850 (100%)
840185002	United States 1850 (1%)
840186001	United States 1860 (1%)
840187001	United States 1870 (1%)
840188001	United States 1880 (100%)
840188002	United States 1880 (10%)
840190001	United States 1900 (5%)
840191001	United States 1910 (1%)
840196001	United States 1960
840197001	United States 1970
840198001	United States 1980
840199001	United States 1990
840200001	United States 2000
840200501	United States 2005
840201001	United States 2010
840201501	United States 2015
840202001	United States 2020
858196301	Uruguay 1963
858196302	Uruguay 1963 (full count)
858197501	Uruguay 1975
858197502	Uruguay 1975 (full count)
858198501	Uruguay 1985
858198502	Uruguay 1985 (full count)
858199601	Uruguay 1996
858199602	Uruguay 1996 (full count)
858200621	Uruguay 2006
858201101	Uruguay 2011
858201102	Uruguay 2011 (full count)
862197101	Venezuela 1971
862198101	Venezuela 1981

862199001	Venezuela 1990
862200101	Venezuela 2001
704198901	Vietnam 1989
704199901	Vietnam 1999
704200901	Vietnam 2009
704201901	Vietnam 2019
894199001	Zambia 1990
894200001	Zambia 2000
894201001	Zambia 2010
716201201	Zimbabwe 2012

description

DEFINITION

SAMPLE identifies the IPUMS sample from which the case is drawn. Each sample receives a unique 9-digit code. The code is structured as follows:

The first 3 digits are the ISO/UN codes used in COUNTRY

The next 4 digits are the year of the census/survey

The final 2 digits identify the sample within the year. For the last two digits, censuses or large census-like surveys have a value "0" (e.g., 01) in the second-to-last digit, household surveys have a value of "2" (e.g., 21), and employment surveys have a value of "4" (e.g., 41).

concept

CONCEPT

SERIAL: Household serial number

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Width: 12 Range: - Format: Numeric

description

DEFINITION

SERIAL is an identifying number unique to each household in a given sample. All person records are assigned the same serial number as the household record that they follow. (Person records also have their own unique identifiers -- see PERNUM.) The combination of SAMPLE and SERIAL provides a unique identifier for every household in the IPUMS-International database; SAMPLE, SERIAL and PERNUM uniquely identify every person in the database.

SERIAL can be used to identify dwellings in some samples. In these samples, the first 7 digits of SERIAL provide the dwelling number common to all households that were sampled from the same structure. The last three digits give the sequence of the household within the dwelling. The following is a list of samples in which dwellings can be inferred:

Chile 1970, 1992, 2002Colombia 1993, 2005Costa Rica 1984, 2000Cuba 2002Dominican Republic 1981, 2002, 2010Ecuador

1990, 2001Germany 1971Hungary 1980, 1990, 2001Jamaica 1982, 1991, 2001Malaysia 1970, 1991, 2000Mexico 1995, 1990, 2000, 2005Nigeria 2006Panama 2000Peru 1993, 2007Portugal 1981, 1991, 2001Spain 1991Uruguay 2011Venezuela 1990, 2001Vietnam 1989In all other samples, the last 3 digits are always zeroes.

SERIAL was constructed for IPUMS-International, and has no relation to the serial number in the original datasets.

The U.S. 1900 sample and 1880 10% sample have multi-household dwellings that can be identified using the last 3 digits of SERIAL.

concept

CONCEPT

Imputation and derivation

DERIVATION

SERIAL is a 10-digit numeric variable.

The last 3 digits of SERIAL indicate household number within dwelling for selected samples noted in the variable description. In all other samples, the last 3 digits are always zeroes.

STRATA: Strata identifier

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Width: 12 Range: - Format: Numeric

description

DEFINITION

This variable is the strata identifier for the sample. The STRATA variable provides information about the sample design that can be used to improve estimation.

concept

CONCEPT

Imputation and derivation

DERIVATION

STRATA is a 12-digit numeric variable.

SUBSAMP: Subsample number

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	1st 1% subsample
01	2nd 1% subsample
02	3rd 1% subsample
03	4th 1% subsample
04	5th 1% subsample
05	6th 1% subsample
06	7th 1% subsample
07	8th 1% subsample
08	9th 1% subsample
09	10th 1% subsample
10	11th 1% subsample
11	12th 1% subsample
12	13th 1% subsample
13	14th 1% subsample
14	15th 1% subsample
15	16th 1% subsample
16	17th 1% subsample
17	18th 1% subsample
18	19th 1% subsample
19	20th 1% subsample
20	21st 1% subsample
21	22nd 1% subsample
22	23rd 1% subsample
23	24th 1% subsample
24	25th 1% subsample
25	26th 1% subsample
26	27th 1% subsample
27	28th 1% subsample
28	29th 1% subsample
29	30th 1% subsample
30	31st 1% subsample
31	32nd 1% subsample

32	33rd 1% subsample
33	34th 1% subsample
34	35th 1% subsample
35	36th 1% subsample
36	37th 1% subsample
37	38th 1% subsample
38	39th 1% subsample
39	40th 1% subsample
40	41st 1% subsample
41	42nd 1% subsample
42	43rd 1% subsample
43	44th 1% subsample
44	45th 1% subsample
45	46th 1% subsample
46	47th 1% subsample
47	48th 1% subsample
48	49th 1% subsample
49	50th 1% subsample
50	51st 1% subsample
51	52nd 1% subsample
52	53rd 1% subsample
53	54th 1% subsample
54	55th 1% subsample
55	56th 1% subsample
56	57th 1% subsample
57	58th 1% subsample
58	59th 1% subsample
59	60th 1% subsample
60	61st 1% subsample
61	62nd 1% subsample
62	63rd 1% subsample
63	64th 1% subsample
64	65th 1% subsample
65	66th 1% subsample
66	67th 1% subsample
67	68th 1% subsample
68	69th 1% subsample
69	70th 1% subsample
70	71st 1% subsample

71	72nd 1% subsample
72	73rd 1% subsample
73	74th 1% subsample
74	75th 1% subsample
75	76th 1% subsample
76	77th 1% subsample
77	78th 1% subsample
78	79th 1% subsample
79	80th 1% subsample
80	81st 1% subsample
81	82nd 1% subsample
82	83rd 1% subsample
83	84th 1% subsample
84	85th 1% subsample
85	86th 1% subsample
86	87th 1% subsample
87	88th 1% subsample
88	89th 1% subsample
89	90th 1% subsample
90	91st 1% subsample
91	92nd 1% subsample
92	93rd 1% subsample
93	94th 1% subsample
94	95th 1% subsample
95	96th 1% subsample
96	97th 1% subsample
97	98th 1% subsample
98	99th 1% subsample
99	100th 1% subsample

description

DEFINITION

SUBSAMP allocates each case to one of 100 subsample replicates, randomly numbered from 0 to 99. Each subsample is nationally representative and preserves any stratification of the sample from which it is drawn. Users who need a representative subset of a sample can use SUBSAMP to select their cases. For example, to randomly extract 10% of the cases from a sample, select any 10 of the 100 subsamples.

concept

CONCEPT

YEAR: Year**Data file: BWA1981_PHC-H-H****Overview**

Type: Discrete Width: 4 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1703	1703
1729	1729
1787	1787
1801	1801
1819	1819
1845	1845
1848	1848
1850	1850
1851	1851
1852	1852
1860	1860
1861	1861
1865	1865
1868	1868
1870	1870
1871	1871
1875	1875
1880	1880
1881	1881
1885	1885
1890	1890
1891	1891
1900	1900
1901	1901
1910	1910
1911	1911
1960	1960
1961	1961
1962	1962

1963	1963
1964	1964
1966	1966
1968	1968
1969	1969
1970	1970
1971	1971
1972	1972
1973	1973
1974	1974
1975	1975
1976	1976
1977	1977
1978	1978
1979	1979
1980	1980
1981	1981
1982	1982
1983	1983
1984	1984
1985	1985
1986	1986
1987	1987
1989	1989
1990	1990
1991	1991
1992	1992
1993	1993
1994	1994
1995	1995
1996	1996
1997	1997
1998	1998
1999	1999
2000	2000
2001	2001
2002	2002
2003	2003
2004	2004

2005	2005
2006	2006
2007	2007
2008	2008
2009	2009
2010	2010
2011	2011
2012	2012
2013	2013
2014	2014
2015	2015
2016	2016
2017	2017
2018	2018
2019	2019
2020	2020

description

DEFINITION

YEAR gives the year in which the census or survey was taken. For samples that span years, the midpoint or first year of the interval is reported.

concept

CONCEPT

AREAMOLLWGE01: Area of GEOLEV1 unit in square kilometers

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Width: 10 Range: - Format: Numeric

description

DEFINITION

AREAMOLLWGE01 indicates the area in square kilometers of the major administrative unit in which the household was enumerated. The major administrative unit of the household is identified by the GEOLEV1 variable.

The area of units in GEOLEV1 is calculated using Mollweide's equal area projection. For a full set of geography variables refer to IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level refer to GEOLEV1 and GEOLEV2. More information on IPUMS-International geography can be found here.

concept

CONCEPT

Imputation and derivation

DERIVATION

AREAMOLLWGE01 is a 10-digit string variable listing the area in square kilometers.

ELECTRIC: Electricity**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Yes
2	No
9	Unknown

description

DEFINITION

ELECTRIC indicates whether the household had access to electricity.

concept

CONCEPT

GEO1_BW: Botswana, District 1981 - 2011 [Level 1; consistent boundaries, GIS]**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 6 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
072001	Gaborone
072002	Francistown
072003	Lobatse
072004	Selebi Phikwe
072007	Central Tutume, Sowa
072010	Ngwaketse, Ngwaketse West, Ngwaketse Southern, Southern, Jwaneng
072011	Borolong
072020	South East
072030	Kweneng, Kweneng South, Kweneng North
072040	Kgatleng
072050	Central Serowe/Palapye
072051	Central Mahalapye
072052	Central Bobonong
072053	Central Boteti, Orapa
072060	North East
072070	Ngamiland East
072071	Ngamiland West, Delta
072072	Chobe
072080	Ghanzi, Central Kgalagadi Game Reserve (CKGR)
072090	Tshabong (Kgalagadi South)
072091	Hukunsti (Kgalagadi North)

description

DEFINITION

GEO1_BW identifies the household's district within Botswana in all sample years. Districts are the first level administrative units of the country. GEO1_BW is spatially harmonized to account for political boundary changes across census years. Some detail is lost in harmonization; see the comparability discussion. A GIS map (in shapefile format), corresponding to GEO1_BW can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Botswana can be found in the IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level refer to GEOLEV1, and GEOLEV2. More information on IPUMS-International geography can be found here.

concept

CONCEPT

GEO1_BW1981: Botswana, District 1981 [Level 1, GIS]

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
001	Gaborone
002	Francistown
003	Lobatse
004	Selebi Phikwe
005	Orapa
006	Jwaneng
010	Ngwaketse
011	Barolong
020	South East
030	Kweneng
040	Kgatleng
050	Central Serowe
051	Central Mahalapye
052	Central Bobonong, Central Tuli Block
053	Central Boteti
054	Central Tutume
060	North East
070	Ngamiland South
071	Ngamiland North, Okavango Delta
072	Chobe
080	Gansti, Central Kgalagadi Game Reserve (CKGR)
090	Kgalagadi South
091	Kgalagadi North

description

DEFINITION

GEO1_BW1981 identifies the household's district within Botswana in 1981. Districts are the first level administrative units of the country. A GIS map (in shapefile format), corresponding to GEO1_BW1981 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Botswana can be found in the IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level of any country refer to GEOLEV1, and GEOLEV2. More information on IPUMS-International geography can be found here.

concept

CONCEPT

GEOLEV1: 1st subnational geographic level, world [consistent boundaries over time]**Data file:** BWA1981_PHC-H-H**Overview**

Type: Continuous Width: 6 Range: - Format: Numeric

description

DEFINITION

GEOLEV1 indicates the major administrative unit in which the household was enumerated. The variable incorporates the geographies for every country, to enable cross-national geographic analysis over time. First administrative units in GEOLEV1 have been spatiotemporally harmonized to provide spatially consistent boundaries across samples in each country.

concept

CONCEPT

Imputation and derivation

DERIVATION

GEOLEV1 is a 6-digit numeric variable.

GEOLEV1 codes and labels can be found [here](#).

Codes, labels, frequencies, and information about boundary changes for each country can be found in the country specific harmonized variable e.g. GEO1_BR.

OWNERSHIP: Ownership of dwelling [general version]**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Owned
2	Not owned

9

Unknown

description

DEFINITION

OWNERSHIP indicates whether a member of the household owned the housing unit. Households that acquired their unit with a mortgage or other lending arrangement were understood to "own" their unit even if they had not yet completed repayment. For those that did not own their housing unit, several options were possible: renting (from various types of owners), subletting, usufruct, and de facto occupation.

concept

CONCEPT

OWNERSHIPD: Ownership of dwelling [detailed version]

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
100	Owned
110	Owned, already paid
120	Owned, still paying
130	Owned, constructed
140	Owned, inherited
190	Owned, other
191	Owned, house
192	Owned, condominium
193	Apartment proprietor
194	Shared ownership
200	Not owned
210	Renting, not specified
211	Renting, government
212	Renting, local authority
213	Renting, parastatal
214	Renting, private

215	Renting, private company
216	Renting, individual
217	Renting, collective
218	Renting, joint state and individual
219	Renting, public subsidized
220	Renting, private subsidized
221	Renting, co-tenant
222	Renting, relative of tenant
223	Renting, cooperative
224	Renting, with a job or business
225	Renting, loan-backed habitation
226	Renting, mixed contract
227	Furnished dwelling
228	Sharecropping
230	Subletting
231	Rent to own
239	Renting, other
240	Occupied de facto/squatting
250	Free/usufruct (no cash rent)
251	Free, provided by employer
252	Free, without work or services
253	Free, provided by family or friend
254	Free, private
255	Free, public
256	Free, condemned
257	Free, other
260	Endowment, Waqf (Egypt historical)
290	Not owned, other
999	Unknown

description

DEFINITION

OWNERSHIP indicates whether a member of the household owned the housing unit. Households that acquired their unit with a mortgage or other lending arrangement were understood to "own" their unit even if they had not yet completed repayment. For those that did not own their housing unit, several options were possible: renting (from various types of owners), subletting, usufruct, and de facto occupation.

concept

CONCEPT

POPDENSGEO1: Population density of GEOLEV1 unit, in persons per square kilometer**Data file:** BWA1981_PHC-H-H**Overview**

Type: Continuous Width: 8 Range: - Format: Numeric

description

DEFINITION

POPDENSGEO1 indicates the population density in persons per square kilometer of the major administrative unit in which the household was enumerated. The major administrative unit of the household is identified by the GEOLEV1 variable.

The area of units in GEOLEV1 is calculated using Mollweide's equal area projection. For a full set of geography variables refer to IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level refer to GEOLEV1 and GEOLEV2. More information on IPUMS-International geography can be found [here](#).

concept

CONCEPT

Imputation and derivation

DERIVATION

POPDENSGEO1 is an 8-digit string variable listing the population density in persons per square kilometer.

REGIONW: Continent and region of country**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
11	Eastern Africa
12	Middle Africa
13	Northern Africa
14	Southern Africa
15	Western Africa
21	Caribbean
22	Central America

23	North America
24	South America
31	Central Asia
32	Eastern Asia
33	Southern Asia
34	South-Eastern Asia
35	Western Asia
41	Eastern Europe
42	Northern Europe
43	Southern Europe
44	Western Europe
51	Australia and New Zealand
52	Melanesia
53	Micronesia
54	Polynesia

description

DEFINITION

REGIONW identifies the continent and region of each country.

concept

CONCEPT

UNREL: Number of unrelated persons

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
5	5

6	6
7	7
8	8
9	9+

description

DEFINITION

UNREL indicates the number of persons in the household who are unrelated to the head as defined in the variable RELATE.

concept

CONCEPT

ANYMORT: Any deaths in household last year

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown/missing
9	NIU (not in universe)

description

DEFINITION

ANYMORT indicates whether there were any deaths in the household in the past year.

concept

CONCEPT

FLOOR: Floor material

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
100	None/unfinished (earth)
110	Sand
120	Dung
200	Finished
201	Cement, tile, or brick
202	Cement
203	Concrete
204	Cement screed
205	Ceramic tile
206	Paving stone, cement tile
207	Stone
208	Brick
209	Brick or stone
210	Brick or cement
211	Block
212	Terrazzo
213	Wood
214	Palm, bamboo
215	Parquet
216	Parquet, tile, vinyl
217	Parquet, tile, marble
218	Ceramic, marble, granite
219	Ceramic, marble, tile, or vinyl
220	Marble
221	Mosaic
222	Tile
223	Tile, linoleum, ceramic, etc
224	Tile, cement
225	Tile, stone
226	Tile, stone, brick
227	Tile, stone, vinyl, brick

228	Tile, vinyl, brick
229	Tile, vinyl
230	Vinyl, linoleum, etc
231	Asphalt sheet, vinyl, etc
232	Synthetic, plastic
233	Cane
234	Carpet, rug
235	Scrap material
236	Other finished, n.e.c.
999	Unknown/missing

description

DEFINITION

FLOOR indicates the dwelling's predominant flooring material.

concept

CONCEPT

FUELCOOK: Cooking fuel

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	None
20	Electricity
30	Petroleum gas, unspecified
31	Gas -- piped/utility
32	Gas -- tanked or bottled
33	Propane
34	Liquefied petroleum gas
35	Gas -- piped and bottled
40	Petroleum liquid

41	Oil, kerosene, and other liquid fuels
42	Kerosene/paraffin
43	Kerosene or oil
44	Kerosene or gasoline
45	Gasoline
46	Cocinol
47	Diesel
50	Wood, coal, and other solid fuels
51	Wood and other plant fuels
52	Non-wood plant materials
53	Coal or charcoal
54	Charcoal
55	Coal
56	Wood or charcoal
60	Multiple fuels
61	Bottled gas and wood
62	Propane and electricity
63	Propane, kerosene, and electricity
64	Propane and kerosene
65	Kerosene and electricity
66	Other combinations
70	Other
71	Alcohol
72	Biogas
73	Discarded or waste material
74	Dung/manure
75	Other combined organic waste materials
76	Solar energy
77	Candle
99	Unknown/missing

description

DEFINITION

FUELCOOK indicates the predominant type of fuel or energy used for cooking.

concept

CONCEPT

HHTYPE: Household classification**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	Vacant household
01	One-person household
02	Married/cohab couple, no children
03	Married/cohab couple with children
04	Single-parent family
05	Polygamous family
06	Extended family, relatives only
07	Composite household, family and non-relatives
08	Non-family household
09	Unclassified subfamily
10	Other relative or non-relative household
11	Group quarters
99	Unclassifiable

description

DEFINITION

HHTYPE is a constructed variable that describes the composition of households.

HHTYPE is constructed from information in RELATE (relationship to head), from the constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father), and from information on group quarters status, GQ.

concept

CONCEPT

MORTNUM: Number of deaths in household last year**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	None
1	1 death
2	2 deaths
3	3 deaths
4	4 deaths
5	5 deaths
6	6 deaths
7	7 or more deaths
8	Unknown
9	NIU (not in universe)

description

DEFINITION

MORTNUM indicates the number of deaths in the household in the past year.

concept

CONCEPT

NFAMS: Number of families in household

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	Vacant household
1	1 family
2	2 families
3	3 families
4	4 families
5	5 families

6	6 families
7	7 families
8	8 families
9	9 or more families

description

DEFINITION

NFAMS is a constructed variable that indicates the number of families within each household. Family membership is defined by FAMUNIT. A "family" is any group of persons related by blood, adoption, or marriage. An unrelated individual within the household is considered a separate family. Thus, a household consisting of a widow and a domestic employee contains two families; a household consisting of a large, multi-generation extended family with no persons unrelated to the head counts as a single family.

NFAMS is constructed from information in RELATE (relationship to head) and from the constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father). See those variable descriptions for more detail.

concept

CONCEPT

ROOF: Roof material

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	Masonry, concrete, clay tile, or tiles of unspecified type
11	Concrete or cement
12	Reinforced concrete (slab)
13	Cement or sheet metal
14	Tile, unspecified material
15	Clay tile
16	Tile or cement
17	Modern tiles, industrial
18	Traditional tiles, locally made
19	Tile or flat stone
20	Tile, unspecified or mixed materials

21	Fibercement or plastic
22	Fibercement or metal sheets
23	Asphalt or laminate cover
24	Tile, cement, asphalt
25	Asphalt tile
26	Slate or tile
27	Slate or asbestos
28	Asbestos
29	Adobe
30	Tiles or wood planks
31	Roofing shingles
32	Tar paper
33	Metal
34	Sheet metal
35	Zinc or tin
36	Tin
37	Sheet metal or other sheet material
38	Sheet metal, tile, slate
40	Wood and other plant materials
41	Wood
42	Wood, including bamboo
43	Bamboo
44	Cogon, nipa, anahaw
45	Thatch (straw, grass, leaves, palm, etc.)
46	Cane, wood, straw
47	Grass or straw
48	Papyrus
49	Banana leaves or fiber
50	Palm or makuti
51	Straw, bamboo, polythene
52	Wood with clay
53	Grass and mud
54	Rustic mat
60	Mud or earth
61	Clay
70	Cardboard, scrap, and miscellaneous materials
71	Discarded or scrap material
72	Cardboard
73	Plastic, tarpaulin

80	Other, unspecified
90	No roof
99	Unknown/missing

description

DEFINITION

This variable indicates the dwelling's predominant roofing material.

concept

CONCEPT

TOILET: Toilet

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	No toilet
11	No flush toilet
20	Have toilet, type not specified
21	Flush toilet
22	Non-flush, latrine
23	Non-flush, other and unspecified
99	Unknown

description

DEFINITION

TOILET indicates whether the household had access to a toilet and, in most cases, whether it was a flush toilet or other type of installation.

concept

CONCEPT

WALL: Wall or building material**Data file: BWA1981_PHC-H-H****Overview**

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
100	No walls
200	Cardboard, scrap, and miscellaneous materials
201	Waste, scrap, or discarded material
202	Fabric or discarded material
203	Zinc, fabric, cardboard, tins, and waste material
204	Cardboard sheet
205	Plastic sheeting, cardboard
206	Makeshift, salvaged, or improvised materials
207	Reused materials
300	Wood
310	Rough wood
320	Wood, fibercement or plywood
330	Wood, formica, and other
340	Wood or bamboo
350	Wood or straw
400	Other plant-based materials
401	Plantain leaves and similar material
402	Bamboo or cane
403	Bamboo, sawali, cogon, nipa
404	Straw or bamboo
405	Grass, straw or reed
406	Reed, bamboo, or palm
407	Cane, palm leaves, logs
408	Palm leaves or palm planks
409	Bark, sticks, or cane
500	Masonry, stone, cement, adobe, metal, glass, and other fabricated materials (sometimes mixed with wood)
501	Brick, block, stone, or cement
502	Brick, stone, concrete

503	Brick, stone, or substitutes (dividing panels made of reinforced concrete)
504	Brick, stone, or substitutes (dividing panels made of wood)
505	Brick or tile
506	Brick or stone
507	Brick or cement block
508	Brick with plaster exterior
509	Brick without plaster exterior
510	Burnt or stabilized brick
511	Covered brick
512	Brick
513	Unburnt brick
514	Unburnt brick with cement
515	Unburnt brick with mud
516	Concrete
517	Landcrete, sandcrete
518	Cement blocks
519	Cement blocks or brick
520	Cement blocks or brick, unfinished
521	Cement and adobe bricks
522	Cement and stone block
523	Cement and tiles
524	Reinforced concrete, pre-cast concrete panels, or steel skeleton framed concrete
525	Concrete, reinforced concrete, blocks, panels
526	Fibercement
527	Adobe
528	Adobe walls with plaster exterior
529	Adobe walls without plaster exterior
530	Adobe with cement exterior
531	Wood and earth adobe
532	Wood and cement adobe
533	Mud or adobe
534	Pressed dirt
535	Clay
536	Coated clay/mud with sticks/cane
537	Clay or clay-covered sticks
538	Netted bamboo or cane with mud
539	Bundle of mud, straw, other materials
540	Mud with wood/wattle
541	Pole and mud

542	Mud with cement
543	Unfinished lathe and plaster, stucco, etc.
544	Stone
545	Hand-laid stone
546	Quarried stone
547	Cut stone and concrete
548	Cemented stone
549	Stone with clay
550	Blocks of light material
551	Prefabricated material
552	Asbestos
553	Metal or asbestos sheet
554	Metal or iron sheet
555	Metal or fibercement sheeting
556	Galvanized iron or aluminum
557	Tin
558	Glass
559	Cloth
560	Covintec panels
561	Mixed material
562	Mixed material: part wood; part concrete, brick, or stone
563	Wood plastered with clay, adobe, other materials; wood pressed panels; rolled mud bricks; etc.
564	Mixed material: wood or galvanized metal
570	Mainly permanent materials
600	Other material
601	Partition wall, lined with wood or steel
602	Partition wall, unlined
999	Unknown/missing

description

DEFINITION

This variable indicates the primary material used in the construction of the dwelling, particularly the dwelling's exterior walls.

concept

CONCEPT

WATSUP: Water supply**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	Yes, piped water
11	Piped inside dwelling
12	Piped, exclusively to this household
13	Piped, shared with other households
14	Piped outside the dwelling
15	Piped outside dwelling, in building
16	Piped within the building or plot of land
17	Piped outside the building or lot
18	Have access to public piped water
20	No piped water
99	Unknown

description

DEFINITION

WATSUP describes the physical means by which the housing unit receives its water. The primary distinction is whether or not the household had piped (running) water.

concept

CONCEPT

BW1981A_CATTLE: Own or look after cattle**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>2. Does any person in the household own or look after cattle?<div class="i1">[] 1 Yes
[] 2 No</div>

CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates if any person in the household owns or looks after cattle.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_DONKEY: Own or look after donkey, mules, or horses

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>4. Does any person in the household own/look after donkeys, mules or horses?<div class="i1">[] 1 Yes
[] 2 No</div>

CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates if any person in the household owns or looks after donkey, mules, or horses.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_DWNUM: Dwelling number

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Width: 7 Range: - Format: Numeric

description

DEFINITION

This variable indicates the dwelling number.

UNIVERSE

Botswana 1981: All records

concept

CONCEPT

Imputation and derivation

DERIVATION

This is a 7-digit numeric variable with 0 implied decimal places

BW1981A_GOATS: Own or look after goats or sheep

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>3. Does any person in the household own or look after goats or sheep?<div class="i1">[]
1 Yes
[] 2 No</div>

CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates if any person in the household owns or looks after goats or sheep.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_HHNO: Household serial number

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

description

DEFINITION

This variable indicates the household serial number.

UNIVERSE

Botswana 1981: All households

concept

CONCEPT

BW1981A_PERN: Number of persons in household

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18

19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
35	35
37	37

description

DEFINITION

This variable indicates the number of persons in the household.

UNIVERSE

Botswana 1981: All records

concept

CONCEPT

HEADLOC: Head's location in household

Data file: BWA1981_PHC-H-H

Overview

Type: Continuous Width: 3 Range: - Format: Numeric

description

DEFINITION

HEADLOC gives the person number (PERNUM) of the head of household in samples in which persons are organized into households.

concept

CONCEPT

Imputation and derivation

DERIVATION

HEADLOC is a 3-digit numeric variable.

NCOUPLES: Number of married couples in household

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	No married couples in household
1	1 couple
2	2 couples
3	3 couples
4	4 couples
5	5 couples
6	6 couples
7	7 couples
8	8 couples
9	9 or more couples

description

DEFINITION

NCOUPLES is a constructed variable indicating the number of married/in-union couples within a household.

NCOUPLES is constructed using the IPUMS-International pointer variable SPLOC (spouse's location in the household).

concept

CONCEPT

NFATHERS: Number of fathers in household

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	No fathers in household
1	1 father
2	2 fathers
3	3 fathers
4	4 fathers
5	5 fathers
6	6 fathers
7	7 fathers
8	8 fathers
9	9 or more fathers in household

description

DEFINITION

NFATHERS is a constructed variable indicating the number of fathers -- of persons of any age -- within a household.

NFATHERS is constructed using the IPUMS-International pointer variable POPLOC (father's location in the household).

concept

CONCEPT

■ NMOTHERS: Number of mothers in household

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	No mothers in household
1	1 mother
2	2 mothers

3	3 mothers
4	4 mothers
5	5 mothers
6	6 mothers
7	7 mothers
8	8 mothers
9	9 or more mothers in household

description

DEFINITION

NMOTHERS is a constructed variable indicating the number of mothers -- of persons of any age -- within a household.

NMOTHERS is constructed using the IPUMS-International pointer variable MOMLOC (mother's location in the household).

concept

CONCEPT

BW1981A_CROPS: Planted any crops during the last 5 years

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>5. Were any crops planted by the household during the last 5 years?<div class="i1">[] 1
Yes
[] 2 No</div>

CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates if any person in the household planted any crops during the last 5 years.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_DWTYPE: Type of housing unit

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>8. Type of housing units<div class="i1">[] 1 Conventional (units in building intended for human habitation)
[] 2 Improvised (make-shift units made of waste materials)
[] 3 Unconventional (units in permanent buildings not intended for human habitation - stable, mill, garbage, warehouse, etc.)
[] 4 Movable (tent, caravan, etc.)
[] 5 None (Go to 12)</div>

CATEGORIES

Value	Category
	None (no apparent physical structure)
1	Conventional (unit in building intended for human habitation)
2	Improvised (make-shift units made of waste-material)
3	Unconventional (units in permanent buildings not intended for human habitation-stable, mill, garage, warehouse, etc.)
4	Movable (tent, caravan, etc.)
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the type of housing unit (dwelling in which a household was enumerated).

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_FLOOR: Material of floor construction**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D
[Questions 1 through 15 were asked of private dwelling]

11. Materials of construction of the floor

1 Stone/tiles/cement material
 2 Wood
 3 Mud
 4 Others
 5 None

CATEGORIES

Value	Category
	None
1	Stone, tiles, or cement material
2	Wood
3	Mud
4	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the material used for the construction of floor in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_FUELCK: Principal fuel for cooking**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>13. Principal fuel for cooking<div class="i1">[] 1 Electricity
[] 2 Gas
[] 3 Paraffin
[] 4 Wood/charcoal
[] 5 Coal
[] 6 Other</div>

CATEGORIES

Value	Category
1	Electricity
2	Gas
3	Paraffin
4	Wood or charcoal
5	Coal
6	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the principal fuel for cooking in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_LIGHT: Principal fuel for lighting

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>14. Principal fuel for lighting<div class="i1">[] 1 Electricity
[] 2 Gas
[] 3 Paraffin
[] 4 Wood
[] 5 Candle
[] 6 Other</div>

CATEGORIES

Value	Category
1	Electricity
2	Gas
3	Paraffin
4	Wood
5	Candle
6	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the principal fuel for lighting in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_ OWNERSHP: Acquisition of house or plot

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>6. How was this house/plot acquired? <div class="i1">[] 01 Tribal authority
[] 02 Land board
[] 03 Purchase
[] 04 Inheritance
[] 05 Rent: B.H.C
[] 06 Rent: council
[] 07 Rent: individual
[] 08 Rent: Company
[] 09 Self allocation
[] 10 Provided by employer
[] 99 Don't know</div>

CATEGORIES

Value	Category
01	Tribal authority
02	Land board
03	Purchase

04	Inheritance
05	Rent (Botswana Housing Corporation)
06	Rent (Council)
07	Rent (Individual)
08	Rent (Company)
09	Self allocation
10	Provided by employer
97	Respondent did not know
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates how the house or plot was acquired by the household.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_RESHOUSYR: Years living in this house or lolwapa

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>7. How long have you and your household lived here (house/lolwapa)? (00 under 1 years)<div class="i1">_____</div>

CATEGORIES

Value	Category
000	Under 1 year
001	1 year
002	2 years
003	3

004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
012	12
013	13
014	14
015	15
016	16
017	17
018	18
019	19
020	20
021	21
022	22
023	23
024	24
025	25
026	26
027	27
028	28
029	29
030	30
031	31
032	32
033	33
034	34
035	35
036	36
037	37
038	38
039	39
040	40
041	41
042	42

043	43
044	44
045	45
046	46
047	47
048	48
049	49
050	50
051	51
052	52
053	53
054	54
055	55
056	56
057	57
058	58
059	59
060	60+
998	Unknown
999	NIU (not in universe)

description

DEFINITION

This variable indicates the number of years the household has lived in this house or lolwapa.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_ROOF: Material of roof construction

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>9. Materials of construction of the roof<div class="i1">[] 1 Concrete/brick/tiles/slate
[] 2 Asbestos
[] 3 Iron/zinc/tin
[] 4 Thatch
[] 5 Others
[] 6 None</div>

CATEGORIES

Value	Category
	None
1	Concrete, brick, tiles, or slate
2	Asbestos
3	Iron, zinc, or tin
4	Thatch
5	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the material used for the construction of roof in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_WALLS: Material of walls construction

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>10. Materials of construction of the walls<div class="i1">[] 1 Stone/bricks/blocks
[] 2 Asbestos
[] 3 Iron/zinc/tin
[] 4 Mud
[] 5 Mud and poles
[] 6 Pole/reed
[] 7 Others
[] 8 None</div>

CATEGORIES

Value	Category
-------	----------

	None
1	Stone, bricks, or blocks
2	Asbestos
3	Iron, zinc, or tin
4	Mud
5	Mud and poles
6	Poles or reed
7	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the material used for the construction of walls in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_WATSRC: Principal source of water supply

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

Section D

[Questions 1 through 15 were asked of private dwelling]</p>

<p>12. Principle source of water supply<div class="i1">[] 1 Pipe indoors/standing in yard
[] 2 Standpipe in village/town
[] 3 Borehole/well with pump
[] 5 Flowing river
[] 6 Sand river
[] 7 Dam/lake/pan
[] 8 Other</div>

CATEGORIES

Value	Category
1	Pipe indoors or standing in yard
2	Standpipe in village or town
3	Borehole or well with pump

4	Sand river
5	Dam, lake, or pan
6	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the principal source of water supply in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_DEATHS: Number of deaths (last year)

Data file: BWA1981_PHC-H-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2+

description

DEFINITION

This variable indicates the number of deaths in the household (during last year).

UNIVERSE

Botswana 1981: All households

concept

CONCEPT

BW1981A_SEWAGE: Sanitation facilities**Data file:** BWA1981_PHC-H-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

>Section D
>[Questions 1 through 15 were asked of private dwelling]</p>

>15. Sanitation facilities<div class="i1">[] 1 Communal
[] 2 Private flush toilet
[] 3 Private pit latrine
[] 4 Private pail/bucket
[] 5 Other private sanitation facility
[] 6 None</div>

CATEGORIES

Value	Category
	None
1	Communal
2	Flush toilet (private)
3	Pit latrine (private)
4	Pail or bucket (private)
5	Others (private)
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the sanitation facilities in the housing unit.

UNIVERSE

Botswana 1981: Private households [discrepancies: type I none; type II trace]

concept

CONCEPT

BW1981A_STRATA: Strata**Data file:** BWA1981_PHC-H-H**Overview**

Type: Continuous Width: 4 Range: - Format: Numeric

description

DEFINITION

This variable is the strata identifier for the sample. Strata is a constructed variable that captures implicit geographic stratification resulting from the sample design. It is created by assigning a unique identifier to groups of between 10 and 19 adjacent households. Additional documentation is available on the Variance Estimation page.

UNIVERSE

Botswana 1981: All households

concept

CONCEPT

Imputation and derivation

DERIVATION

This is a 4-digit numeric variable with 0 implied decimal places

MOMLOC: Mother's location in household**Data file:** BWA1981_PHC-P-H**Overview**

Type: Continuous Width: 3 Range: - Format: Numeric

description

DEFINITION

MOMLOC is a constructed variable that indicates whether or not the person's mother lived in the same household and, if so, gives the person number of the mother (see PERNUM). MOMLOC makes it easy for researchers to link the characteristics of children and their (probable) mothers.

The method by which probable child-mother links are identified is described in PARRULE.

The general design of MOMLOC and other constructed variables follows the methods developed for IPUMS-USA "Family Interrelationships," but the details vary significantly. For more details on the construction of MOMLOC, see the Comparability section of PARRULE and this paper on IPUMSI family linking methodology.

Note: MOMLOC identifies social relationships (such as stepmother and adopted mother) as well as biological relationships. The variable STEPMOM is designed to identify some of these social relationships. To restrict MOMLOC to biological mothers, such as for own children fertility estimation, MOMLOC should be reset to zero when STEPMOM is greater than zero.

concept

CONCEPT

Imputation and derivation

DERIVATION

MOMLOC is a 3-digit numeric variable.

Codes0 = No mother of this person present in the household.
1 or higher = The person number of this person's mother

PARRULE: Rule for linking parent**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	No parent of person in household
11	Link to head or spouse, unambiguous

12	Link to head or spouse, ambiguous
21	Child-Grandchild, within empirical child cap
22	Child-Grandchild, within constructed child cap
23	Child-Grandchild, exceeds child cap
31	Specified Other Relatives, within empirical child cap
32	Specified Other Relatives, within constructed child cap
33	Specified Other Relatives, exceeds child cap
41	Other Relatives, within empirical child cap
42	Other Relatives, within constructed child cap
51	Non-Relatives, within empirical child cap
52	Non-Relatives, within constructed child cap

description

DEFINITION

PARRULE describes the criteria by which the IPUMS International variables MOMLOC and POPLOC linked the person to a probable mother and/or father.

IPUMS International establishes child-parent links according to five basic rules, and PARRULE gives the number of the rule that applied to the link in question. A link to any parent automatically generates a second link to that parent's spouse or partner, so only one rule is needed to describe both MOMLOC and POPLOC.

The design of the interrelationship variables is described in this paper on IPUMSI family linking methodology.

concept

CONCEPT

PERNUM: Person number

Data file: BWA1981_PHC-P-H

Overview

Type: Continuous Width: 4 Range: - Format: Numeric

description

DEFINITION

PERNUM numbers all persons within each household consecutively (starting with "1" for the first person record of each household). When combined with SAMPLE and SERIAL, PERNUM uniquely identifies each person in the IPUMS-International database.

concept

CONCEPT

Imputation and derivation

DERIVATION

PERNUM is a 4-digit numeric variable.

PERWT: Person weight

Data file: BWA1981_PHC-P-H

Overview

Type: Continuous Decimal: 2 Width: 8 Range: - Format: Numeric

description

DEFINITION

PERWT indicates the number of persons in the actual population represented by the person in the sample.

For the samples that are truly weighted (see the comparability discussion), PERWT must be used to yield accurate statistics for the population.

NOTE: PERWT has 2 implied decimal places. That is, the last two digits of the eight-digit variable are decimal digits, but there is no actual decimal in the data.

concept

CONCEPT

Imputation and derivation

DERIVATION

PERWT is an 8-digit numeric variable with 2 implied decimal places. See the variable description.

POLYMAL: Man with more than one wife linked

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	No more than one wife linked via SPLOC
1	More than one wife linked via SPLOC

description

DEFINITION

POLYMAL indicates if a man had more than one wife linked to him in the constructed IPUMS variable SPLOC -- Spouse's Location in Household.

The point of POLYMAL is to facilitate using SPLOC in samples that identify polygamy. Some statistical matching procedures expect to find only one matching record for each subject record.

concept

CONCEPT

POPLOC: Father's location in household

Data file: BWA1981_PHC-P-H

Overview

Type: Continuous Width: 3 Range: - Format: Numeric

description

DEFINITION

POPLOC is a constructed variable that indicates whether or not the person's father lived in the same household and, if so, gives the person number of the father (see PERNUM). POPLOC makes it easy for researchers to link the characteristics of children and their (probable) fathers.

The method by which probable child-father links are identified is described in PARRULE.

The general design of POPLOC and other constructed variables follows the methods developed for IPUMS-USA "Family Interrelationships," but the details vary significantly. For more details on the construction of POPLOC, see the Comparability section of PARRULE and this paper on IPUMSI family linking methodology.

Note: POPLOC identifies social relationships (such as stepfather and adopted father) as well as biological relationships. The variable STEPPPOP is designed to identify some of these social relationships. To restrict POPLOC to biological mothers, such as for own children fertility estimation, POPLOC should be reset to zero when STEPPPOP is greater than zero.

concept

CONCEPT

Imputation and derivation

DERIVATION

POPLOC is a 3-digit numeric variable.

Codes0 = No father of this person present in the household.

1 or higher = The person number of this person's father

SPLOC: Spouse's location in household**Data file:** BWA1981_PHC-P-H**Overview**

Type: Continuous Width: 3 Range: - Format: Numeric

description

DEFINITION

SPLOC is a constructed variable that indicates whether or not the person's spouse lived in the same household and, if so, gives the person number (PERNUM) of the spouse. SPLOC makes it easy for researchers to link the characteristics of (probable) spouses.

The method by which probable spouse-spouse links are identified is described in SPRULE.

The general design of SPLOC and other constructed variables is modeled on the methods developed for IPUMS-USA "Family Interrelationships", but the details vary significantly. For more details on the construction of SPLOC, see the Comparability section of SPRULE and this paper on IPUMSI family linking methodology.

concept

CONCEPT

Imputation and derivation

DERIVATION

SPLOC is a 3-digit numeric variable.

Codes0 = No spouse of this person present in the household.

1 or higher = The person number of this person's spouse

SPRULE: Rule for linking spouse**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	No spouse present
01	Rule 1: strong relationship pairing, couple adjacent
02	Rule 2: strong relationship pairing, couple not adjacent

03	Rule 3: weak relationship pairing, couple adjacent
04	Rule 4: weak relationship pairing, couple not adjacent
05	Rule 5: weak consensual union pairings
06	Rule 6: sample-specific rules (usually child-to-child)

description

DEFINITION

SPRULE explains the criteria by which the IPUMS-International variable SPLOC linked the person to his/her probable spouse.

IPUMS International establishes spouse-spouse links according to five basic rules, and SPRULE gives the number of the rule that applied to the link in question. A sixth rule identifies sample-specific linking procedures only imposed in selected instances.

The design of the interrelationship variables is described in this paper on IPUMSI family linking methodology.

concept

CONCEPT

STEPMOM: Probable stepmother

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	Biological mother or no mother present
1	Mother has no children born or surviving
2	Child reports mother is deceased
3	Explicitly identified step relationship
4	Mother reports no children in the home
5	Age difference implausible
6	Child exceeds known fertility of mother

description

DEFINITION

STEPMOM indicates whether a person's mother, as identified by MOMLOC, was most probably not the person's biological mother. Non-zero values of STEPMOM explain why it is probable that the person's mother was a step- or adopted mother. A value of 0 indicates no likely stepmother because (1) the mother identified in MOMLOC was probably the biological mother

or (2) there is no mother of this person present in the household.

The codes for STEPMOM are as follows:

- 0 = Biological mother or no mother of this person present in household.
- 1 = Mother has no children born or surviving.
- 2 = Child reports mother is deceased.
- 3 = Explicitly identified relationship (stepchild, adopted child, child of unmarried partner, stepchild/child-in-law).
- 4 = Mother reports no children in the home.
- 5 = Age difference between mother and child was less than 12 or greater than 54 years.
- 6 = Child exceeds known fertility of mother.

In cases where more than one criterion for a likely stepmother is met, STEPMOM will take the value of the criterion with the lowest code. See PARRULE for a description of the linking process.

Users should note that there are many stepmothers and adopted mothers in the population that cannot be identified with information available in the censuses. Therefore, STEPMOM will always under-represent their actual number in the population.

concept

CONCEPT

STEPPOP: Probable stepfather

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	Biological father or no father present
1	Child reports father is deceased
2	Explicitly identified step relationship
3	Age difference implausible
4	Spouse of mother
5	Identified as adopted
6	Surname difference -- male child or never-married female

description

DEFINITION

STEPPOP indicates whether a person's father, as identified by POPLOC, was most probably not the person's biological father. Non-zero values of STEPPPOP explain why it is probable that the person's father was a step- or adopted father. A value of 0 indicates no likely stepfather because (1) the father identified in POPLOC was probably the biological father or (2) there is no father of this person present in the household.

The codes for STEPPOP are as follows:

- 0 = Biological father or no father of this person present in household.
- 1 = Child reports father is deceased.
- 2 = Explicitly identified relationship (stepchild, adopted child, child of unmarried partner; stepchild/child-in-law).
- 3 = Age difference between father and child was less than 12 or greater than 54 years.

In cases where more than one criterion for a likely stepfather is met, STEPPOP will take the value of the criterion with the lowest code. See PARRULE for a description of the linking process.

Users should note that there are many stepfathers and adopted fathers in the population that cannot be identified with information available in the censuses. Therefore, STEPPOP will always under-represent their actual number in the population.

concept

CONCEPT

AGE: Age

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	Less than 1 year
001	1 year
002	2 years
003	3
004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
012	12
013	13
014	14
015	15
016	16

017	17
018	18
019	19
020	20
021	21
022	22
023	23
024	24
025	25
026	26
027	27
028	28
029	29
030	30
031	31
032	32
033	33
034	34
035	35
036	36
037	37
038	38
039	39
040	40
041	41
042	42
043	43
044	44
045	45
046	46
047	47
048	48
049	49
050	50
051	51
052	52
053	53
054	54
055	55

056	56
057	57
058	58
059	59
060	60
061	61
062	62
063	63
064	64
065	65
066	66
067	67
068	68
069	69
070	70
071	71
072	72
073	73
074	74
075	75
076	76
077	77
078	78
079	79
080	80
081	81
082	82
083	83
084	84
085	85
086	86
087	87
088	88
089	89
090	90
091	91
092	92
093	93
094	94

095	95
096	96
097	97
098	98
099	99
100	100+
999	Not reported/missing

description

DEFINITION

AGE gives age in years as of the person's last birthday prior to or on the day of enumeration.

concept

CONCEPT

■ ELDCH: Age of eldest own child in household

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12

13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50 or older
98	One or more children have unknown age

99

No own child in household

description

DEFINITION

ELDCH gives the age of the person's oldest own child living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

ELDCH is top-coded at age 50 or older.

concept

CONCEPT

FAMSIZE: Number of own family members in household

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 4 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0001	1 family member present
0002	2 family members present
0003	3 family members present
0004	4
0005	5
0006	6
0007	7
0008	8
0009	9
0010	10
0011	11
0012	12
0013	13
0014	14
0015	15
0016	16
0017	17

0018	18
0019	19
0020	20
0021	21
0022	22
0023	23
0024	24
0025	25
0026	26
0027	27
0028	28
0029	29
0030	30
0031	31
0032	32
0033	33
0034	34
0035	35
0036	36
0037	37
0038	38
0039	39
0040	40
0041	41
0042	42
0043	43
0044	44
0045	45
0046	46
0047	47
0048	48
0049	49
0050	50
0051	51
0052	52
0053	53
0054	54
0055	55
0056	56

0057	57
0058	58
0059	59
0060	60
0061	61
0062	62
0063	63
0064	64
0065	65
0066	66
0067	67
0068	68
0069	69
0070	70
0071	71
0072	72
0073	73
0074	74
0075	75
0076	76
0077	77
0078	78
0079	79
0080	80
0081	81
0082	82
0083	83
0084	84
0085	85
0086	86
0087	87
0088	88
0089	89
0090	90
0091	91
0092	92
0093	93
0094	94
0095	95

0096	96
0097	97
0098	98
0099	99 or more persons

description

DEFINITION

FAMSIZE counts the number of the person's own family members living in the household with her/him, including the person her/himself. These include all persons related to the person by blood, adoption, or marriage as indicated by the census forms or inferred from them.

FAMSIZE is calculated from the units identified in the IPUMS constructed variable FAMUNIT (family unit membership). The primary family is defined as all persons related to the head in the RELATE variable. Secondary families are individuals or groups of persons linked together by the IPUMS constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father).

concept

CONCEPT

FAMUNIT: Family unit membership

Data file: BWA1981_PHC-P-H

Overview

Type: Continuous Width: 4 Range: - Format: Numeric

description

DEFINITION

FAMUNIT is a constructed variable indicating to which family within the household a person belongs.

All persons related to the household head receive a 1 (see RELATE). Each secondary family or secondary individual receives a higher code. For purposes of FAMUNIT, secondary families are individuals or groups of persons linked together by the IPUMS constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father).

concept

CONCEPT

Imputation and derivation

DERIVATION

FAMUNIT is a 4-digit numeric variable.

CodesIf there is only one group of related individuals within the household, all of them will be coded "1;" if there is a second, separate such group listed on the form, all of them will be coded "2," and so on.

NCHILD: Number of own children in household**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9 or more children in household

description

DEFINITION

NCHILD provides a count of the person's own children living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

concept

CONCEPT

NCHLT5: Number of own children under age 5 in household**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9 or more own children under age 5 in household
98	One or more children have unknown age

description

DEFINITION

NCHLT5 provides a count of the person's own children under age five living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

concept

CONCEPT

POLY2ND: Woman is second or higher order wife

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	Person is not the 2nd or higher order wife linked via SPLOC
1	Person is the 2nd or higher order wife linked via SPLOC

description

DEFINITION

POLY2ND indicates if a woman was the second or higher order wife linked to a husband in the constructed IPUMS variable SPLOC -- Spouse's Location in Household. The variable does not suggest the actual marital order of wives, only their relative

positions in the person order of the household as it was enumerated.

The point of POLY2ND is to facilitate using SPLOC in samples that identify polygamy. Some statistical matching procedures expect to find only one matching record for each subject record.

concept

CONCEPT

RELATE: Relationship to household head [general version]

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Head
2	Spouse/partner
3	Child
4	Other relative
5	Non-relative
6	Other relative or non-relative
9	Unknown

description

DEFINITION

RELATE describes the relationship of the individual to the head of household (sometimes called the householder or reference person).

concept

CONCEPT

RELATED: Relationship to household head [detailed version]

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 4 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1000	Head
2000	Spouse/partner
2100	Spouse
2200	Unmarried partner
2210	Civil union
2300	Same-sex spouse/partner
3000	Child
3100	Biological child
3200	Adopted child
3300	Stepchild
3400	Child/child-in-law
3500	Child/child-in-law/grandchild
3600	Child of unmarried partner
4000	Other relative
4100	Grandchild
4110	Grandchild or great grandchild
4120	Great grandchild
4130	Great-great grandchild
4200	Parent/parent-in-law
4210	Parent
4211	Stepparent
4220	Parent-in-law
4300	Child-in-law
4301	Daughter-in-law
4302	Spouse/partner of child
4310	Unmarried partner of child
4400	Sibling/sibling-in-law
4410	Sibling
4420	Stepsibling
4430	Sibling-in-law
4431	Sibling of spouse/partner
4432	Spouse/partner of sibling
4500	Grandparent
4510	Great grandparent
4600	Parent/grandparent/ascendant

4700	Aunt/uncle
4800	Other specified relative
4810	Nephew/niece
4820	Cousin
4830	Sibling's sibling-in-law
4900	Other relative, not elsewhere classified
4910	Other relative with same family name
4920	Other relative with different family name
4930	Other relative, not specified (secondary family)
5000	Non-relative
5100	Friend/guest/visitor/partner
5110	Partner/friend
5111	Friend
5112	Partner/roommate
5113	Housemate/roommate
5120	Visitor
5130	Ex-spouse
5140	Godparent
5150	Godchild
5200	Employee
5210	Domestic employee
5220	Relative of employee, n.s.
5221	Spouse of servant
5222	Child of servant
5223	Other relative of servant
5300	Roomer/boarder/lodger/foster child
5310	Boarder
5311	Boarder or guest
5320	Lodger
5330	Foster child
5340	Tutored/foster child
5350	Tutored child
5400	Employee, boarder, or guest
5500	Other specified non-relative
5510	Agregado
5520	Temporary resident, guest
5600	Group quarters
5610	Group quarters, non-inmates
5620	Institutional inmates

5900	Non-relative, n.e.c.
6000	Other relative or non-relative
9999	Unknown

description

DEFINITION

RELATE describes the relationship of the individual to the head of household (sometimes called the householder or reference person).

concept

CONCEPT

YNGCH: Age of youngest own child in household

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16

17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50 or older
98	One or more children have unknown age
99	No own child in household

description

DEFINITION

YNGCH gives the age of the person's youngest own child living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

YNGCH is top-coded at age 50 or older.

concept

CONCEPT

AGE2: Age, grouped into intervals

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
01	0 to 4
02	5 to 9
03	10 to 14
04	15 to 19
05	0 to 5
06	6 to 10
07	10 to 15
08	11 to 14
09	15 to 17
10	16 to 19
11	18 to 24
12	20 to 24
13	25 to 29
14	30 to 34
15	35 to 39
16	40 to 44
17	45 to 49
18	50 to 54
19	55 to 59
20	60 to 64
21	65 to 69

22	70 to 74
23	75 to 79
24	80 to 84
25	85+
98	Unknown

description

DEFINITION

AGE2 gives computed years of age grouped into intervals.

concept

CONCEPT

AWAYCHILD: Number of own children living elsewhere

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14

15	15
16	16
17	17
18	18
19	19
20	20
98	Unknown
99	NIU (not in universe)

description

DEFINITION

AWAYCHILD indicates the number of surviving biological children not living in the household with their mother (the respondent) at the time of the census.

concept

CONCEPT

BIRTHSLYR: Number of births last year

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	None
1	1 (1 or more)
2	2
3	3
4	4+
8	Unknown
9	NIU (not in universe)

description

DEFINITION

BIRTHSLYR indicates whether any -- and in most cases how many -- children were born to a woman in the past twelve months.

concept

CONCEPT

CHBORN: Children ever born**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	No children
01	1 child
02	2 children
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24

25	25
26	26
27	27
28	28
29	29
30	30+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

CHBORN reports the number of children ever born to each woman of whom the question was asked. In most samples, women were to report all live births by all fathers, whether or not the child was still living.

concept

CONCEPT

CHDEAD: Number of children dead

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	None
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11

12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20+
98	Unknown/missing
99	NIU (not in universe)

description

DEFINITION

CHDEAD reports how many of the children ever born to a woman were no longer living at the time of the census. Women were to consider all live births by all fathers; they were to exclude still births.

concept

CONCEPT

CHSURV: Children surviving

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	No children
01	1 child
02	2 children
03	3
04	4
05	5
06	6
07	7
08	8

09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

CHSURV reports the number of children born to a woman who were still living at the time of the census.

concept

CONCEPT

HOMECHILD: Number of own children in household

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

HOMECHILD indicates the number of surviving biological children living in the household with their mother (the respondent) at the time of the census.

concept

CONCEPT

MARST: Marital status [general version]**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Single/never married
2	Married/in union
3	Separated/divorced/spouse absent
4	Widowed
9	Unknown/missing

description

DEFINITION

MARST describes the person's current marital status according to law or custom. Individuals who remarried should report the status relevant to their most recent marriage. Census instructions rarely explicitly limit marital status to strictly legal unions.

Note regarding universe: The lowest age at which a person can be anything but "never married" varies among samples.

concept

CONCEPT

MARSTD: Marital status [detailed version]**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
100	Single/never married
110	Engaged
111	Never married and never cohabited

200	Married or consensual union
210	Married, formally
211	Married, civil
212	Married, religious
213	Married, civil and religious
214	Married, civil or religious
215	Married, traditional/customary
216	Married, monogamous
217	Married, polygamous
219	Married, spouse absent (historical samples)
220	Consensual union
300	Separated/divorced/spouse absent
310	Separated or divorced
320	Separated or annulled
330	Separated
331	Separated legally
332	Separated de facto
333	Separated from marriage
334	Separated from consensual union
335	Separated from consensual union or marriage
340	Annulled
350	Divorced
400	Widowed
410	Widowed or divorced
411	Widowed from consensual union or marriage
412	Widowed from marriage
413	Widowed from consensual union
420	Widowed, divorced, or separated
999	Unknown/missing

description

DEFINITION

MARST describes the person's current marital status according to law or custom. Individuals who remarried should report the status relevant to their most recent marriage. Census instructions rarely explicitly limit marital status to strictly legal unions.

Note regarding universe: The lowest age at which a person can be anything but "never married" varies among samples.

concept

CONCEPT

SEX: Sex**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male
2	Female
9	Unknown

description

DEFINITION

SEX reports the sex (gender) of the respondent.

concept

CONCEPT

CITIZEN: Citizenship**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Citizen, not specified
2	Citizen by birth
3	Naturalized citizen
4	Not a citizen
5	Without citizenship, stateless
8	Unknown
9	NIU (not in universe)

description

DEFINITION

CITIZEN indicates the person's citizenship status within the country in which they were enumerated.

concept

CONCEPT

EDATTAIN: Educational attainment, international recode [general version]

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Less than primary completed
2	Primary completed
3	Secondary completed
4	University completed
9	Unknown

description

DEFINITION

EDATTAIN records the person's educational attainment in terms of the level of schooling completed (degree or other milestone). The emphasis on level completed is critical: a person attending the final year of secondary education receives the code for having completed lower secondary only -- and in some samples only primary.

EDATTAIN does not necessarily reflect any particular country's definition of the various levels of schooling in terms of terminology or the number of years of schooling. EDATTAIN is an attempt to merge -- into a single, roughly comparable variable -- samples that provide degrees, ones that provide actual years of schooling, and those that have some of both. In addition to EDATTAIN, a country-specific education classification is provided which loses no information and reflects the particular educational system of that country (for example EDUCBR for Brazil, EDUCCL for Chile, and EDUCUS for the United States). As always, users can refer to the original education source variables for each sample, if they wish.

Many samples also give single years of schooling completed, recorded in YRSCHOOL. Some samples provide educational information in a form that could not be incorporated into EDATTAIN.

concept

CONCEPT

EDATTAIND: Educational attainment, international recode [detailed version]**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
100	Less than primary completed (n.s.)
110	No schooling
120	Some primary completed
130	Primary (4 yrs) completed
211	Primary (5 yrs) completed
212	Primary (6 yrs) completed
221	Lower secondary general completed
222	Lower secondary technical completed
311	Secondary, general track completed
312	Some college completed
320	Secondary or post-secondary technical completed
321	Secondary, technical track completed
322	Post-secondary technical education
400	University completed
999	Unknown/missing

description

DEFINITION

EDATTAIN records the person's educational attainment in terms of the level of schooling completed (degree or other milestone). The emphasis on level completed is critical: a person attending the final year of secondary education receives the code for having completed lower secondary only -- and in some samples only primary.

EDATTAIN does not necessarily reflect any particular country's definition of the various levels of schooling in terms of terminology or the number of years of schooling. EDATTAIN is an attempt to merge -- into a single, roughly comparable variable -- samples that provide degrees, ones that provide actual years of schooling, and those that have some of both. In addition to EDATTAIN, a country-specific education classification is provided which loses no information and reflects the particular educational system of that country (for example EDUCBR for Brazil, EDUCCL for Chile, and EDUCUS for the United States). As always, users can refer to the original education source variables for each sample, if they wish.

Many samples also give single years of schooling completed, recorded in YRSCHOOL. Some samples provide educational information in a form that could not be incorporated into EDATTAIN.

concept

CONCEPT

EDUCBW: Educational attainment, Botswana**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	None
11	Preschool, 1 year
12	Preschool, 2 years
13	Preschool, 3 years
14	Preschool, 4 years
19	Preschool, years unspecified
21	Primary, less than 1 year
22	Primary, 1 year
23	Primary, 2 years
24	Primary, 3 years
25	Primary, 4 years
26	Primary, 5 years
27	Primary, 6 years
28	Primary, 7 years
29	Primary, years unspecified
31	Non-formal education, less than 1 year
32	Non-formal education, 1 year
33	Non-formal education, 2 years
34	Non-formal education, 3 years
35	Non-formal education, 4 years
36	Non-formal education, 5 years
39	Non-formal education, years unspecified
41	Secondary, 1 year
42	Secondary, 2 years

43	Secondary, 3 years
44	Secondary, 4 years
45	Secondary, 5 years
46	Secondary, 6 years
51	Technical or vocational, less than 1 year
52	Technical or vocational, 1 year
53	Technical or vocational, 2 years
54	Technical or vocational, 3 years
55	Technical or vocational, 4+ years
56	Attended technical or vocational
57	Completed technical or vocational
59	Technical or vocational, years unspecified
60	University undergraduate, less than 1 year
61	University undergraduate, 1 year
62	University undergraduate, 2 years
63	University undergraduate, 3 years
64	University undergraduate, 4 years
65	University undergraduate, 5+ years
66	Attended university undergraduate
67	Completed university undergraduate
69	University undergraduate, years unspecified
71	University graduate, 1 year
72	University graduate, 2 years
73	University graduate, 3 years
74	University graduate, 4 years
75	University graduate, 5 years
76	University graduate, 6 years
79	University graduate, years unspecified
99	Unknown

description

DEFINITION

EDUCBW indicates the person's educational attainment in Botswana in terms of the level of schooling completed.

concept

CONCEPT

INDGEN: Industry, general recode**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 3 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
010	Agriculture, fishing, and forestry
020	Mining and extraction
030	Manufacturing
040	Electricity, gas, water and waste management
050	Construction
060	Wholesale and retail trade
070	Hotels and restaurants
080	Transportation, storage, and communications
090	Financial services and insurance
100	Public administration and defense
110	Services, not specified
111	Business services and real estate
112	Education
113	Health and social work
114	Other services
120	Private household services
130	Other industry, n.e.c.
998	Response suppressed
999	Unknown

description

DEFINITION

INDGEN recodes the industrial classifications of the various samples into twelve groups that can be fairly consistently identified across all available samples. The groupings roughly conform to the International Standard Industrial Classification (ISIC). The third digit of INDGEN retains important detail among the service industries that could not be consistently distinguished in all samples.

"Industry" refers to the activity or product of the establishment or sector in which a person worked.

concept

CONCEPT

NATION: Country of citizenship**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 5 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00000	NIU (not in universe)
10000	Africa
11000	Eastern Africa
11010	Burundi
11020	Comoros
11030	Djibouti
11040	Eritrea
11050	Ethiopia
11060	Kenya
11070	Madagascar
11080	Malawi
11090	Mauritius
11100	Mozambique
11110	Reunion
11120	Rwanda
11130	Seychelles
11140	Somalia
11150	South Sudan
11160	Uganda
11170	Tanzania
11180	Zambia
11190	Zimbabwe
11999	Eastern Africa, other or n.s.
12000	Middle Africa
12010	Angola
12020	Cameroon
12030	Central African Republic
12040	Chad

12050	Congo (Republic of)
12060	Democratic Republic of Congo
12070	Equatorial Guinea
12080	Gabon
12090	Sao Tome and Principe
12999	Middle Africa, other or n.s.
13000	Northern Africa
13010	Algeria
13011	Algeria/Tunisia
13020	Egypt/United Arab Rep.
13021	Egypt/Sudan
13030	Libya
13040	Morocco
13050	Sudan
13060	Tunisia
13070	Western Sahara
13999	Northern Africa, other or n.s.
14000	Southern Africa
14010	Botswana
14020	Lesotho
14030	Namibia
14040	South Africa
14050	Swaziland
14999	Southern Africa, other or n.s.
15000	Western Africa
15010	Benin
15020	Burkina Faso
15030	Cape Verde
15040	Ivory Coast
15050	Gambia
15060	Ghana
15070	Guinea
15080	Guinea-Bissau
15090	Liberia
15100	Mali
15110	Mauritania
15120	Niger
15130	Nigeria
15140	St. Helena and Ascension

15150	Senegal
15160	Sierra Leone
15170	Togo
15999	West Africa, other or n.s.
19999	Africa, other or n.s.
20000	Americas
21000	Caribbean
21010	Anguilla
21020	Antigua-Barbuda
21030	Aruba
21040	Bahamas
21050	Barbados
21060	British Virgin Islands
21070	Cayman Isles
21080	Cuba
21090	Dominica
21100	Dominican Republic
21110	Grenada
21120	Guadeloupe
21130	Haiti
21140	Jamaica
21150	Martinique
21160	Montserrat
21170	Netherlands Antilles
21180	Puerto Rico
21190	St. Kitts-Nevis
21220	St. Lucia
21240	St. Vincent
21250	Trinidad and Tobago
21260	Turks and Caicos
21270	U.S. Virgin Islands
21999	Caribbean, other or n.s.
22000	Central America
22010	Belize/British Honduras
22020	Costa Rica
22030	El Salvador
22040	Guatemala
22050	Honduras
22060	Mexico

22070	Nicaragua
22080	Panama
22081	Panama Canal Zone
22999	Central America, other or n.s.
23000	South America
23010	Argentina
23020	Bolivia
23030	Brazil
23040	Chile
23050	Colombia
23060	Ecuador
23070	Falkland Islands
23080	French Guiana
23090	Guyana/British Guiana
23100	Paraguay
23110	Peru
23120	Suriname
23130	Uruguay
23140	Venezuela
23999	South America, other or n.s.
24000	North America
24010	Bermuda
24020	Canada
24021	Canada, First Nations
24030	Greenland
24040	United States
24999	North America, other or n.s.
29999	Americas, other or n.s.
30000	Asia
31000	Eastern Asia
31010	China
31011	Hong Kong
31012	Macau
31013	Taiwan
31020	Japan
31030	Korea
31031	Korea, DPR (North)
31032	Korea, RO (South)
31040	Mongolia

31999	Eastern Asia, other or n.s.
32000	South-Central Asia
32010	Afghanistan
32020	Bangladesh
32030	Bhutan
32040	India
32041	India/Pakistan
32050	Iran
32060	Kazakhstan
32070	Kyrgyzstan
32080	Maldives
32090	Nepal
32100	Pakistan
32110	Sri Lanka (Ceylon)
32120	Tajikistan
32130	Turkmenistan
32140	Uzbekistan
32990	Burma, India, Pakistan, Ceylon
32999	South-Central Asia, other or n.s.
33000	South-Eastern Asia
33010	Brunei
33020	Cambodia (Kampuchea)
33030	East Timor
33040	Indonesia
33050	Laos
33060	Malaysia
33070	Myanmar (Burma)
33080	Philippines
33090	Singapore
33100	Thailand
33110	Vietnam
33991	Laos and Cambodia
33992	Malaysia and Singapore
33999	South-Eastern Asia, other or n.s.
34000	Western Asia
34010	Armenia
34020	Azerbaijan
34030	Bahrain
34040	Cyprus

34050	Georgia
34051	Abkhazia
34052	South Ossetia
34060	Iraq
34070	Israel
34080	Jordan
34090	Kuwait
34100	Lebanon
34110	Palestine
34120	Oman
34130	Qatar
34140	Saudi Arabia
34150	Syria
34151	Syria/Lebanon
34160	Turkey
34170	United Arab Emirates
34180	Yemen
34991	Middle East
34999	Western Asia, other or n.s.
39999	Asia, other or n.s.
40000	Europe
41000	Eastern Europe
41010	Belarus
41020	Bulgaria
41021	Bulgaria/Greece
41030	Czech Republic/Czechoslovakia
41040	Hungary
41050	Poland
41060	Moldova
41070	Romania
41080	Russia/USSR
41090	Slovakia
41100	Ukraine
41992	Central-Eastern Europe
41999	Eastern Europe, other or n.s.
42000	Northern Europe
42010	Denmark
42020	Estonia
42030	Faroe Islands

42040	Finland
42050	Iceland
42060	Ireland
42070	Latvia
42080	Lithuania
42090	Norway
42100	Svalbard and Jan Mayen Islands
42110	Sweden
42120	United Kingdom
42121	Britain
42122	Scotland
42123	Wales
42990	Nordic countries
42999	Northern Europe, other or n.s.
43000	Southern Europe
43010	Albania
43020	Andorra
43030	Bosnia and Herzegovina
43040	Croatia
43050	Gibraltar
43060	Greece
43070	Italy
43071	Vatican City
43080	Malta
43090	Portugal
43100	San Marino
43110	Slovenia
43120	Spain
43130	Macedonia
43140	Yugoslavia
43141	Montenegro
43142	Serbia
43143	Kosovo
43144	Serbia and Montenegro
43999	Southern Europe, other or n.s.
44000	Western Europe
44010	Austria
44011	Austro-Hungarian
44020	Belgium

44022	Belgium/Netherlands/Luxemburg
44030	France
44040	Germany
44041	East Germany
44042	West Germany
44050	Liechtenstein
44060	Luxembourg
44070	Monaco
44080	Netherlands
44090	Switzerland
44999	Western Europe, other or n.s.
49992	European Union
49993	European Union (Original 15)
49994	Other European Union
49999	Europe, other or n.s.
50000	Oceania
51000	Australia and New Zealand
51010	Australia
51020	New Zealand
51030	Norfolk Islands
51999	Australia and New Zealand, n.s.
52000	Melanesia
52010	Fiji
52020	New Caledonia
52030	Papua New Guinea
52040	Solomon Islands
52050	Vanuatu (New Hebrides)
52999	Melanesia, n.s.
53000	Micronesia
53010	Kiribati
53020	Marshall Islands
53030	Nauru
53040	Northern Mariana Isls.
53050	Palau
53999	Micronesia, other or n.s.
54000	Polynesia
54010	Cook Islands
54020	French Polynesia
54030	Niue

54040	Pitcairn Island
54050	Western Samoa
54060	Eastern Samoa
54070	Tokelau
54080	Tonga
54090	Tuvalu
54100	Wallis and Futuna Isls.
54999	Polynesia, other or n.s.
55000	U.S. Pacific Possessions
55010	American Samoa
55020	Baker Island
55030	Guam
55040	Howland Island
55050	Johnston Atoll
55060	Kingman Reef
55070	Midway Islands
55080	Wake Island
55999	US Pacific, other or n.s.
59999	Oceania, other or n.s.
90000	Other countries n.s.
99998	No citizenship/nationality
99999	Unknown

description

DEFINITION

NATION indicates the person's country of citizenship.

concept

CONCEPT

OCC: Occupation, unrecoded

Data file: BWA1981_PHC-P-H

Overview

Type: Continuous Width: 4 Range: - Format: Numeric

description

DEFINITION

OCC records the person's primary occupation, classified according to the system used by the respective national census office at the time. For someone with more than one job, the primary occupation is usually the one in which the person spent the most time or earned the most money, although this may not have been explicit in the instructions for a specific census.

To ensure confidentiality, very small occupations are recoded to a residual category indicating the persons had an occupation, but the job title is not identified. The number of cases recoded should be too small to affect analyses.

concept

CONCEPT**Imputation and derivation**

DERIVATION

OCC is a 4-digit numeric variable.

Some samples use fewer than 4 digits. In those cases, the data are right-justified, and the extra leading digits are padded with zeroes.

CodesArgentina 1970 - Spanish
 Argentina 1980 - Spanish
 Argentina 1991 - Spanish
 Argentina 2001 - Spanish
 Armenia 2011
 Austria 1971-2001 - German
 Belarus 1999 - Russian
 Belarus 2009
 Benin 1979
 Benin 1992
 Benin 2002
 Benin 2013
 Bolivia 1976
 Bolivia 1992
 Bolivia 2001
 Bolivia 2012
 Botswana 1981
 Botswana 1991
 Botswana 2001
 Botswana 2011
 Brazil 1960 - Portuguese
 Brazil 1970 - Portuguese
 Brazil 1980 - Portuguese
 Brazil 1991 - Portuguese
 Brazil 2000 - Portuguese
 Brazil 2010
 Burkina Faso 1985
 Burkina Faso 1996
 Cambodia 1998
 Cambodia 2004
 Cambodia 2008
 Cambodia 2013
 Cambodia 2019
 Cameroon 1976
 Cameroon 2005
 Canada 1971
 Canada 1981-1991
 Canada 2001

Canada 2011
Chile 1960
Chile 1970
Chile 1982
Chile 1992
Chile 2002
China 1982
China 1990
China 2000
Colombia 1964
Colombia 1973 - Spanish
Costa Rica 1973
Costa Rica 1984
Costa Rica 2000
Costa Rica 2011
Cote d'Ivoire 1988
Cote d'Ivoire 1998
Cuba 2002
Cuba 2012
Denmark 1845
Denmark 1880
Denmark 1885
Dominican Republic 1960
Dominican Republic 1970
Dominican Republic 1981
Dominican Republic 2002
Dominican Republic 2010
Ecuador 1962
Ecuador 1974
Ecuador 1982
Ecuador 1990
Ecuador 2001
Ecuador 2010
Egypt 1986
Egypt 2006
El Salvador 1992
El Salvador 2007
Ethiopia 1984
Ethiopia 1994
Fiji 1976
Fiji 1986
Fiji 1996
Fiji 2007
Fiji 2014
Finland 2010
France 1962-1990 - French
France 1999
France 2006
France 2011
Germany 1970
Germany 1981
Germany 1987
Ghana 1984
Ghana 2000
Ghana 2010
Greece 1971-1991 - Greek
Greece 2001 - Greek
Greece 2011
Guatemala 1964
Guatemala 1973
Guatemala 1981
Guatemala 1994

Guatemala 2002
Guinea 1983
Guinea 1996
Guinea 2014
Haiti 1982
Haiti 2003
Honduras 1961
Honduras 1974
Honduras 1988
Honduras 2001
Hungary 1970-1990
Hungary 2001
Hungary 2011
India 1983-2004
India 2009
Indonesia 1971
Indonesia 1976
Indonesia 1980
Indonesia 1985
Indonesia 1990
Indonesia 1995
Indonesia 2005
Iran 2006
Iran 2011
Iraq 1997
Ireland 1901
Ireland 1911
Ireland 1971
Ireland 1981
Ireland 1986
Ireland 1991
Ireland 1996
Ireland 2002
Ireland 2006
Ireland 2011
Ireland 2016
Israel 1972
Israel 1983
Israel 1995
Israel 2008
Italy 2001
Italy 2011
Italy Surveys 2011-2020
Jamaica 1982
Jamaica 1991
Jamaica 2001
Jordan 2004
Kenya 1989
Kyrgyz Republic 1999
Laos 1995
Lesotho 1996
Lesotho 2006
Liberia 1974
Liberia 2008
Malawi 1987
Malawi 1998
Malawi 2008
Malaysia 1970
Malaysia 1980-1991
Malaysia 2000
Mali 1987
Mali 1998

Mali 2009
Mauritius 1990
Mauritius 2000
Mauritius 2011
Mexico 1960 - Spanish
Mexico 1970 - Spanish
Mexico 1990 - Spanish
Mexico 1995 - Spanish
Mexico 2000 - Spanish
Mexico 2010
Mexico 2015
Mexico 2020
Mexico Surveys 2005-2020
Mongolia 2000
Morocco 1982
Morocco 1994
Morocco 2004
Morocco 2014
Mozambique 1997
Mozambique 2007
Myanmar 2014
Nepal 2001
Nepal 2011
Netherlands 1960
Netherlands 1971
Netherlands 2001
Netherlands 2011
Nicaragua 1971
Nicaragua 1995
Nicaragua 2005
Nigeria 2008
Nigeria 2009
Nigeria 2010
Pakistan 1973
Palestine 1997
Palestine 2007
Palestine 2017
Panama 1960 - Spanish
Panama 1970 - Spanish
Panama 1980 - Spanish
Panama 1990 - Spanish
Panama 2000 - Spanish
Panama 2010
Papua New Guinea 1980
Papua New Guinea 1990
Papua New Guinea 2000
Paraguay 1962
Paraguay 1972
Paraguay 1982
Paraguay 1992
Paraguay 2002
Peru 1993
Peru 2007
Peru 2017
Philippines 1990
Philippines 2000
Philippines 2010
Poland 1978
Poland 1988
Poland 2002
Portugal 1981 - Portuguese
Portugal 1991 - Portuguese

Portugal 2001 - Portuguese
Portugal 2011
Puerto Rico 1970
Puerto Rico 1980
Puerto Rico 1990
Puerto Rico 2000-2005
Puerto Rico 2010
Puerto Rico 2015
Puerto Rico 2020
Romania 1977
Romania 1992
Romania 2002
Romania 2011
Rwanda 2002 - French
Rwanda 2012
Saint Lucia 1991
Senegal 1988
Senegal 2002
Senegal 2013
Slovak Republic 1991
Slovak Republic 2001
Slovak Republic 2011
Sierra Leone 2004
Sierra Leone 2015
Slovenia 2002
South Africa 1996
South Africa 2001
South Africa 2007
South Sudan 2008
Spain 1981 - Spanish
Spain 1991 - Spanish
Spain 2001 - Spanish
Spain 2011
Spain Surveys 2005-2020
Sudan 2008
Suriname 2004
Suriname 2012
Switzerland 1970
Switzerland 1980
Switzerland 1990
Switzerland 2000
Switzerland 2011
Tanzania 1988
Tanzania 2002
Tanzania 2012
Thailand 1970
Thailand 1980
Thailand 1990
Thailand 2000
Togo 1960
Togo 1970
Togo 2010
Trinidad and Tobago 1990
Trinidad and Tobago 2000
Trinidad and Tobago 2011
Turkey 1985
Turkey 1990
Turkey 2000
Uganda 1991
Uganda 2002
Uganda 2014
United Kingdom 1961

United Kingdom 1971
 United Kingdom 1991
 United Kingdom 2001
 United States 1960
 United States 1970
 United States 1980
 United States 1990
 United States 2000-2005
 United States 2010
 United States 2015
 United States 2020
 Uruguay 1963
 Uruguay 1975
 Uruguay 1996
 Uruguay 2006
 Venezuela 1981
 Venezuela 1990
 Venezuela 2001 - Spanish
 Vietnam 1989
 Vietnam 1999
 Vietnam 2009
 Vietnam 2019
 Zambia 1990
 Zambia 2000
 Zambia 2010
 Zimbabwe 2012

OCCISCO: Occupation, ISCO general

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
01	Legislators, senior officials and managers
02	Professionals
03	Technicians and associate professionals
04	Clerks
05	Service workers and shop and market sales
06	Skilled agricultural and fishery workers
07	Crafts and related trades workers
08	Plant and machine operators and assemblers
09	Elementary occupations
10	Armed forces
11	Other occupations, unspecified or n.e.c.
97	Response suppressed

98	Unknown
99	NIU (not in universe)

description

DEFINITION

OCCISCO records the person's primary occupation, coded according to the major categories in the International Standard Classification of Occupations (ISCO) scheme for 1988. For someone with more than one job, the primary occupation is typically the one in which the person had spent the most time or earned the most money.

concept

CONCEPT

SCHOOL: School attendance

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Yes
2	No, not specified
3	No, attended in the past
4	No, never attended
9	Unknown/missing

description

DEFINITION

SCHOOL indicates whether or not the person attended school at the time of the census or within some specified period of time prior to the census.

concept

CONCEPT

YRSCHOOL: Years of schooling**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	None or pre-school
01	1 year
02	2 years
03	3 years
04	4 years
05	5 years
06	6 years
07	7 years
08	8 years
09	9 years
10	10 years
11	11 years
12	12 years
13	13 years
14	14 years
15	15 years
16	16 years
17	17 years
18	18 years or more
90	Not specified
91	Some primary
92	Some technical after primary
93	Some secondary
94	Some tertiary
95	Adult literacy
96	Special education
98	Unknown/missing
99	NIU (not in universe)

description

DEFINITION

YRSCHOOL indicates the highest grade/level of schooling the person had completed, in years. Only formal schooling is counted. YRSCHOOL accounts for the number of years of study, regardless of the track or kind of study. Information on degree and/or technical track is available in EDATTAIN. Years of schooling for Israel, categorized into intervals, are given in YRSCHOOL2.

Users should pay close attention to the top-codes in each sample, as discussed in the comparability section.

concept

CONCEPT

BW1981A_AGE: Age

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

5. Age at last birthday (if under 1 year enter 00)<div class="i1">_____</div>

CATEGORIES

Value	Category
00	Less than 1 year
01	1 year
02	2 years
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15

16	16
17	17
18	18
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73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90+
99	Unknown

description

DEFINITION

This variable indicates the person's age.

UNIVERSE

Botswana 1981: All persons

concept

CONCEPT

BW1981A_PERNUM: Person number (within household)

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	Household record
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
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24	24
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26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37

description

DEFINITION

This variable indicates the person number (within household).

UNIVERSE

Botswana 1981: All records

concept

CONCEPT

BW1981A_RELATE: Relationship to household head

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[This question were asked of persons in private household]</p>

3. What is (the person)'s relationship to the head of this household?

 01 Head

 02 Spouse

 03 Son/daughter

 04 Brother/sister

 05 Nephew/niece

 06 In-law

 07 Grandchild

 08 Parent

 09 Other relative

 10 Not related

 11 Visitor</p>
</div>

CATEGORIES

Value	Category
01	Head
02	Spouse
03	Son or daughter
04	Brother or sister
05	Nephew or niece
06	In-law
07	Grand-child
08	Parent
09	Other relatives
10	None related
11	Visitors
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the person's relationship to the household head.

UNIVERSE

Botswana 1981: Persons in private households [discrepancies: type I trace; type II none]

concept

CONCEPT

BW1981A_SEX: Sex

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

4. Sex

 1 Male

 2 Female</p>
</div>

CATEGORIES

153

Value	Category
1	Male
2	Female
9	Unknown

description

DEFINITION

This variable indicates the person's gender.

UNIVERSE

Botswana 1981: All persons

concept

CONCEPT

BW1981A_STATUS: Residency status

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	Absent
1	Present

description

DEFINITION

This variable indicates whether the person was present in Botswana on the census day.

UNIVERSE

Botswana 1981: All persons

concept

CONCEPT

GEOMIG1_1: 1st subnational geographic level of residence 1 years prior to survey, world [consistent boundaries over time]

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 6 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
040011	Burgenland [State: Austria]
040012	Niederösterreich [State: Austria]
040013	Wien [State: Austria]
040021	Kärnten [State: Austria]
040022	Steiermark [State: Austria]
040031	Oberösterreich [State: Austria]
040032	Salzburg [State: Austria]
040033	Tirol [State: Austria]
040034	Vorarlberg [State: Austria]
040097	Foreign country [State: Austria]
040099	NIU [State: Austria]
854001	Boucle du Mouhoun [Region: Burkina Faso]
854002	Cascades [Region: Burkina Faso]
854003	Centre [Region: Burkina Faso]
854004	Centre-Est [Region: Burkina Faso]
854005	Centre-Nord [Region: Burkina Faso]
854006	Centre-Ouest [Region: Burkina Faso]
854007	Centre-Sud [Region: Burkina Faso]
854008	Est [Region: Burkina Faso]
854009	Hauts-Bassins [Region: Burkina Faso]
854010	Nord [Region: Burkina Faso]
854011	Plateau Central [Region: Burkina Faso]
854012	Sahel [Region: Burkina Faso]
854013	Sud-Ouest [Region: Burkina Faso]
854997	Abroad [Region: Burkina Faso]
854998	Unknown [Region: Burkina Faso]
854999	NIU [Region: Burkina Faso]
072001	Gaborone [District: Botswana]
072002	Francistown [District: Botswana]

072003	Lobatse [District: Botswana]
072004	Selebi Phikwe [District: Botswana]
072007	Central Tutume, Sowa [District: Botswana]
072010	Ngwaketse, Ngwaketse West, Ngwaketse Southern, Southern, Jwaneng [District: Botswana]
072011	Borolong [District: Botswana]
072020	South East [District: Botswana]
072030	Kweneng, Kweneng South, Kweneng North [District: Botswana]
072040	Kgatleng [District: Botswana]
072050	Central Serowe/Palapye [District: Botswana]
072051	Central Mahalapye [District: Botswana]
072052	Central Bobonong [District: Botswana]
072053	Central Boteti, Orapa [District: Botswana]
072060	North East [District: Botswana]
072070	Ngamiland East [District: Botswana]
072071	Ngamiland West, Delta [District: Botswana]
072072	Chobe [District: Botswana]
072080	Ghanzi, Central Kgalagadi Game Reserve (CKGR) [District: Botswana]
072090	Tshabong (Kgalagadi South) [District: Botswana]
072091	Hukunsti (Kgalagadi North) [District: Botswana]
072092	Botswana, district unknown [District: Botswana]
072097	Abroad [District: Botswana]
072098	Unknown [District: Botswana]
072099	NIU (not in universe) [District: Botswana]
124010	Newfoundland and Labrador [Province: Canada]
124011	Prince Edward Island, Yukon Territory, Northwest Territories, Nunavut [Province: Canada]
124012	Nova Scotia [Province: Canada]
124013	New Brunswick [Province: Canada]
124024	Quebec [Province: Canada]
124035	Ontario [Province: Canada]
124046	Manitoba [Province: Canada]
124047	Saskatchewan [Province: Canada]
124048	Alberta [Province: Canada]
124059	British Columbia [Province: Canada]
124098	Unknown [Province: Canada]
124099	NIU (not in universe) [Province: Canada]
384001	Lagunes, Sud Comoé, Sud Bandama, Agneby [Region: Cote D'Ivoire]
384002	Haut Sassandra, Marahoué, Fromager [Region: Cote D'Ivoire]
384003	Savanes [Region: Cote D'Ivoire]
384004	Vallée du Bandam, Lacs, N'Zi Comoé [Region: Cote D'Ivoire]

384005	Moyen Comoé [Region: Cote D'Ivoire]
384006	Montagnes, Moyen Cavally [Region: Cote D'Ivoire]
384008	Zanzan [Region: Cote D'Ivoire]
384009	Bas Sassandra [Region: Cote D'Ivoire]
384010	Dengué, Worodougou, Bafing [Region: Cote D'Ivoire]
384097	Abroad [Region: Cote D'Ivoire]
384098	Unknown [Region: Cote D'Ivoire]
384099	NIU [Region: Cote D'Ivoire]
300001	Etolia and Akarnania [Department: Greece]
300003	Viotia [Department: Greece]
300004	Evia [Department: Greece]
300005	Evrytania [Department: Greece]
300006	Fthiotida [Department: Greece]
300007	Fokida [Department: Greece]
300011	Argolida [Department: Greece]
300012	Arkadia [Department: Greece]
300013	Achaia [Department: Greece]
300014	Iliia [Department: Greece]
300015	Korinthia [Department: Greece]
300016	Lakonia [Department: Greece]
300017	Messinia [Department: Greece]
300021	Zakynthos [Department: Greece]
300022	Kerkyra [Department: Greece]
300023	Kefallinia [Department: Greece]
300024	Lefkada [Department: Greece]
300031	Arta [Department: Greece]
300032	Thesprotia [Department: Greece]
300033	Ioannina [Department: Greece]
300034	Preveza [Department: Greece]
300041	Karditsa [Department: Greece]
300042	Larissa [Department: Greece]
300043	Magnissia [Department: Greece]
300044	Trikala [Department: Greece]
300051	Grevena [Department: Greece]
300052	Drama [Department: Greece]
300053	Imathia [Department: Greece]
300054	Thessaloniki [Department: Greece]
300055	Kavala [Department: Greece]
300056	Kastoria [Department: Greece]

300057	Kilkis [Department: Greece]
300058	Kozani [Department: Greece]
300059	Pella [Department: Greece]
300061	Pieria [Department: Greece]
300062	Serres [Department: Greece]
300063	Florina [Department: Greece]
300064	Chalkidiki and Agion Oros [Department: Greece]
300071	Evros [Department: Greece]
300072	Xanthi [Department: Greece]
300073	Rodopi [Department: Greece]
300081	Dodekanissos [Department: Greece]
300082	Kyklades [Department: Greece]
300083	Lesvos [Department: Greece]
300084	Samos [Department: Greece]
300085	Chios [Department: Greece]
300091	Iraklio [Department: Greece]
300092	Lassithi [Department: Greece]
300093	Rethymno [Department: Greece]
300094	Chania [Department: Greece]
300101	Prefecture of Athens [Department: Greece]
300102	Prefecture of East Attiki [Department: Greece]
300103	Prefecture of West Attiki [Department: Greece]
300104	Prefecture of Pireas [Department: Greece]
300996	Foreign country [Department: Greece]
300997	Response suppressed [Department: Greece]
300998	Unknown [Department: Greece]
300999	NIU (not in universe) [Department: Greece]
372001	Dublin [Region: Ireland]
372002	Midlands [Region: Ireland]
372003	Mid-East, Border [Region: Ireland]
372004	Mid-West, South-East [Region: Ireland]
372006	West [Region: Ireland]
372008	South West [Region: Ireland]
372096	Ireland, region not specified [Region: Ireland]
372097	Abroad [Region: Ireland]
372098	Unknown [Region: Ireland]
372099	NIU (not in universe) [Region: Ireland]
380001	Piemonte, Valle d'Aosta [Region: Italy]
380003	Lombardia [Region: Italy]

380004	Trentino Alto Adige [Region: Italy]
380005	Veneto [Region: Italy]
380006	Friuli Venezia Giulia [Region: Italy]
380007	Liguria [Region: Italy]
380008	Emilia Romagna, Marche [Region: Italy]
380009	Toscana [Region: Italy]
380010	Umbria [Region: Italy]
380012	Lazio [Region: Italy]
380013	Abruzzo [Region: Italy]
380014	Molise [Region: Italy]
380015	Campania [Region: Italy]
380016	Puglia [Region: Italy]
380017	Basilicata [Region: Italy]
380018	Calabria [Region: Italy]
380019	Sicilia [Region: Italy]
380020	Sardegna [Region: Italy]
380097	Foregin Country [Region: Italy]
380099	NIU [Region: Italy]
404001	Nairobi [Province: Kenya]
404002	Central [Province: Kenya]
404003	Coast [Province: Kenya]
404004	Eastern [Province: Kenya]
404005	Northeastern [Province: Kenya]
404006	Nyanza [Province: Kenya]
404007	Rift Valley [Province: Kenya]
404008	Western [Province: Kenya]
404097	Abroad [Province: Kenya]
404098	Unknown [Province: Kenya]
404099	NIU (not in universe) [Province: Kenya]
454101	Chitipa [District: Malawi]
454102	Karonga [District: Malawi]
454103	Nkhata Bay, Likoma [District: Malawi]
454104	Rumphu [District: Malawi]
454105	Mzimba, Mzuzu city [District: Malawi]
454201	Kasungu [District: Malawi]
454202	Nkhotakota [District: Malawi]
454203	Ntchisi [District: Malawi]
454204	Dowa [District: Malawi]
454205	Salima [District: Malawi]

454206	Lilongwe, Lilongwe city [District: Malawi]
454207	Mchinji [District: Malawi]
454208	Dedza [District: Malawi]
454209	Ntcheu [District: Malawi]
454301	Mangochi [District: Malawi]
454302	Machinga [District: Malawi]
454303	Zomba, Zomba city [District: Malawi]
454304	Chiradzulu [District: Malawi]
454305	Blantyre, Blantyre city [District: Malawi]
454307	Thyolo [District: Malawi]
454308	Mulanje [District: Malawi]
454309	Phalombe [District: Malawi]
454310	Chikwawa [District: Malawi]
454311	Nsanje [District: Malawi]
454312	Balaka [District: Malawi]
454313	Mwanza, Neno [District: Malawi]
454997	Abroad [District: Malawi]
454998	Unknown [District: Malawi]
454999	NIU (not in universe) [District: Malawi]
508001	Niassa [Province: Mozambique]
508002	Cabo Delgado [Province: Mozambique]
508003	Nampula [Province: Mozambique]
508004	Zambézia [Province: Mozambique]
508005	Tete [Province: Mozambique]
508006	Manica [Province: Mozambique]
508007	Sofala [Province: Mozambique]
508008	Inhambane [Province: Mozambique]
508009	Gaza [Province: Mozambique]
508010	Maputo province [Province: Mozambique]
508011	Maputo city [Province: Mozambique]
508097	Foreign Country [Province: Mozambique]
508098	Unknown [Province: Mozambique]
508099	NIU (not in universe) [Province: Mozambique]
598001	Western [Province: Papua New Guinea]
598002	Gulf [Province: Papua New Guinea]
598003	Central [Province: Papua New Guinea]
598004	National Capital District [Province: Papua New Guinea]
598005	Milne Bay [Province: Papua New Guinea]
598006	Northern [Province: Papua New Guinea]

598007	Southern Highlands, Hela [Province: Papua New Guinea]
598008	Enga [Province: Papua New Guinea]
598009	Western Highlands, Jiwaka [Province: Papua New Guinea]
598010	Chimbu [Province: Papua New Guinea]
598011	Eastern Highlands [Province: Papua New Guinea]
598012	Morobe [Province: Papua New Guinea]
598013	Madang [Province: Papua New Guinea]
598014	East Sepik [Province: Papua New Guinea]
598015	West Sepik [Province: Papua New Guinea]
598016	Manus [Province: Papua New Guinea]
598017	New Ireland [Province: Papua New Guinea]
598018	East New Britain [Province: Papua New Guinea]
598019	West New Britain [Province: Papua New Guinea]
598020	Autonomous Region of Bougainville [Province: Papua New Guinea]
598097	Foreign country [Province: Papua New Guinea]
598098	Unknown [Province: Papua New Guinea]
598099	NIU (not in universe) [Province: Papua New Guinea]
616002	Dolnośląskie [Vovoidship (Province): Poland]
616004	Kujawsko pomorskie [Vovoidship (Province): Poland]
616006	Lubelskie [Vovoidship (Province): Poland]
616008	Lubuskie [Vovoidship (Province): Poland]
616010	Łódzkie [Vovoidship (Province): Poland]
616012	Małopolskie [Vovoidship (Province): Poland]
616014	Mazowieckie [Vovoidship (Province): Poland]
616016	Opolskie [Vovoidship (Province): Poland]
616018	Podkarpackie [Vovoidship (Province): Poland]
616020	Podlaskie [Vovoidship (Province): Poland]
616022	Pomorskie [Vovoidship (Province): Poland]
616024	Śląskie [Vovoidship (Province): Poland]
616026	Świętokrzyskie [Vovoidship (Province): Poland]
616028	Warmińsko mazurskie [Vovoidship (Province): Poland]
616030	Wielkopolskie [Vovoidship (Province): Poland]
616032	Zachodniopomorskie [Vovoidship (Province): Poland]
616098	Unknown [Vovoidship (Province): Poland]
616099	NIU (not in universe) [Vovoidship (Province): Poland]
620111	Minho-Lima [Subregion: Portugal]
620112	Cávado [Subregion: Portugal]
620113	Ave [Subregion: Portugal]
620114	Grande Porto [Subregion: Portugal]

620115	Tâmega [Subregion: Portugal]
620116	Entre Douro e Vouga [Subregion: Portugal]
620117	Douro [Subregion: Portugal]
620118	Alto Trás-os-Montes [Subregion: Portugal]
620150	Algarve [Subregion: Portugal]
620161	Baixo Vouga [Subregion: Portugal]
620162	Baixo Mondego [Subregion: Portugal]
620163	Pinhal Litoral [Subregion: Portugal]
620165	Dão-Lafões [Subregion: Portugal]
620166	Oeste [Subregion: Portugal]
620167	Médio Tejo [Subregion: Portugal]
620169	Other Center [Subregion: Portugal]
620171	Grande Lisboa [Subregion: Portugal]
620172	Península de Setúbal [Subregion: Portugal]
620185	Lezíria do Tejo [Subregion: Portugal]
620189	Other Alentejo [Subregion: Portugal]
620200	Região Autónoma dos Açores [Subregion: Portugal]
620300	Região Autónoma da Madeira [Subregion: Portugal]
620998	Foreign country [Subregion: Portugal]
620999	NIU (not in universe) [Subregion: Portugal]
643001	Altai Krai [Region: Russia]
643003	Krasnodar Krai [Region: Russia]
643004	Krasnoyarsk Krai [Region: Russia]
643005	Primorsky Krai [Region: Russia]
643007	Stavropol Krai [Region: Russia]
643008	Khabarovsk Krai [Region: Russia]
643010	Amur Oblast [Region: Russia]
643011	Arkhangelsk Oblast [Region: Russia]
643012	Astrakhan Oblast [Region: Russia]
643013	Nenets Autonomous District
643014	Belgorod Oblast [Region: Russia]
643015	Bryansk Oblast [Region: Russia]
643017	Vladimir Oblast [Region: Russia]
643018	Volgograd Oblast [Region: Russia]
643019	Vologda Oblast [Region: Russia]
643020	Voronezh Oblast [Region: Russia]
643022	Nizhny Novgorod Oblast [Region: Russia]
643024	Ivanovo Oblast [Region: Russia]
643025	Irkutsk Oblast [Region: Russia]

643026	Republic of Ingushetia [Region: Russia]
643027	Kaliningrad Oblast [Region: Russia]
643028	Tver Oblast [Region: Russia]
643029	Kaluga Oblast [Region: Russia]
643030	Kamchatka Krai [Region: Russia]
643032	Kemerovo Oblast [Region: Russia]
643033	Kirov Oblast [Region: Russia]
643034	Kostroma Oblast [Region: Russia]
643036	Samara Oblast [Region: Russia]
643037	Kurgan Oblast [Region: Russia]
643038	Kursk Oblast [Region: Russia]
643040	City of Federal Importance St. Petersburg [Region: Russia]
643041	Leningrad Oblast [Region: Russia]
643042	Lipetsk Oblast [Region: Russia]
643044	Magadan Oblast [Region: Russia]
643045	City of Federal Importance Moscow [Region: Russia]
643046	Moscow Oblast [Region: Russia]
643047	Murmansk Oblast [Region: Russia]
643049	Novgorod Oblast [Region: Russia]
643050	Novosibirsk Oblast [Region: Russia]
643052	Omsk Oblast [Region: Russia]
643053	Orenburg Oblast [Region: Russia]
643054	Oryol Oblast [Region: Russia]
643056	Penza Oblast [Region: Russia]
643057	Perm Krai [Region: Russia]
643058	Pskov Oblast [Region: Russia]
643060	Rostov Oblast [Region: Russia]
643061	Ryazan Oblast [Region: Russia]
643063	Saratov Oblast [Region: Russia]
643064	Sakhalin Oblast [Region: Russia]
643065	Sverdlovsk Oblast [Region: Russia]
643066	Smolensk Oblast [Region: Russia]
643068	Tambov Oblast [Region: Russia]
643069	Tomsk Oblast [Region: Russia]
643070	Tula Oblast [Region: Russia]
643071	Tyumen Oblast [Region: Russia]
643072	Khanty-Mansi Autonomous District - Yugra [Region: Russia]
643073	Ulyanovsk Oblast [Region: Russia]
643074	Yamalo-Nenets Autonomous District [Region: Russia]

643075	Chelyabinsk Oblast [Region: Russia]
643076	Zabaykalsky Krai, Aginsky Buryat District [Region: Russia]
643077	Chukotka Autonomous Region [Region: Russia]
643078	Yaroslavskaya Oblast [Region: Russia]
643079	Republic of Adygea [Region: Russia]
643080	Republic of Bashkortostan [Region: Russia]
643081	Republic of Buryatia [Region: Russia]
643082	Republic of Dagestan [Region: Russia]
643083	Kabardino-Balkaria Republic [Region: Russia]
643084	Altai Republic [Region: Russia]
643085	Republic of Kalmykia [Region: Russia]
643086	Republic of Karelia [Region: Russia]
643087	Komi Republic [Region: Russia]
643088	Mari El Republic [Region: Russia]
643089	Republic of Mordovia [Region: Russia]
643090	Republic of North Ossetia-Alania [Region: Russia]
643091	Karachay-Cherkess Republic [Region: Russia]
643092	Republic of Tatarstan [Region: Russia]
643093	Tyva Republic [Region: Russia]
643094	Udmurtia Republic [Region: Russia]
643095	Republic of Khakassia [Region: Russia]
643096	Chechen Republic [Region: Russia]
643097	Chuvash Republic [Region: Russia]
643098	Republic of Sakha (Yakutia) [Region: Russia]
643099	Jewish Autonomous Region [Region: Russia]
643997	Foreign Country [Region: Russia]
643998	Unknown [Region: Russia]
643999	NIU [Region: Russia]
686001	Dakar [Region: Senegal]
686002	Ziguinchor [Region: Senegal]
686003	Diourbel [Region: Senegal]
686004	Saint Louis, Louga, Matam [Region: Senegal]
686005	Tambacounda, Kedougou [Region: Senegal]
686006	Kaolack, Fatick, Kaffrine [Region: Senegal]
686007	Thiès [Region: Senegal]
686010	Kolda, Sedhiou [Region: Senegal]
686097	Abroad [Region: Senegal]
686099	NIU (not in universe) [Region: Senegal]
724011	Galicia [Communities & autonomous city: Spain]

724012	Principado de Asturias [Communities & autonomous city: Spain]
724013	Cantabria [Communities & autonomous city: Spain]
724021	País Vasco [Communities & autonomous city: Spain]
724022	Comunidad Foral de Navarra [Communities & autonomous city: Spain]
724023	La Rioja [Communities & autonomous city: Spain]
724024	Aragón [Communities & autonomous city: Spain]
724030	Comunidad de Madrid [Communities & autonomous city: Spain]
724041	Castilla y León [Communities & autonomous city: Spain]
724042	Castilla-La Mancha [Communities & autonomous city: Spain]
724043	Extremadura [Communities & autonomous city: Spain]
724051	Cataluña [Communities & autonomous city: Spain]
724052	Comunidad Valenciana [Communities & autonomous city: Spain]
724053	Islas Baleares [Communities & autonomous city: Spain]
724061	Andalucía [Communities & autonomous city: Spain]
724062	Región de Murcia [Communities & autonomous city: Spain]
724063	Ciudad Autónoma de Ceuta [Communities & autonomous city: Spain]
724064	Ciudad Autónoma de Melilla [Communities & autonomous city: Spain]
724070	Canarias [Communities & autonomous city: Spain]
724097	Foreign country [Communities & autonomous city: Spain]
724999	NIU (not in universe) [Communities & autonomous city: Spain]
728011	Northern [State:South Sudan]
728012	Nahr El Nil [State:South Sudan]
728021	Red Sea [State:South Sudan]
728022	Kassala [State:South Sudan]
728023	Al Gedarif [State:South Sudan]
728031	Khartoum [State:South Sudan]
728041	Al Gezira [State:South Sudan]
728042	White Nile [State:South Sudan]
728043	Sinnar [State:South Sudan]
728044	Blue Nile [State:South Sudan]
728051	North Kordofan [State:South Sudan]
728052	South Kordofan [State:South Sudan]
728061	North Darfur [State:South Sudan]
728062	West Darfur [State:South Sudan]
728063	South Darfur [State:South Sudan]
728071	Upper Nile [State: South Sudan]
728072	Jonglei [State: South Sudan]
728073	Unity [State: South Sudan]
728081	Warrap [State: South Sudan]

728082	Northern Bahr El Ghazal [State: South Sudan]
728083	Western Bahr El Ghazal [State: South Sudan]
728084	Lakes [State: South Sudan]
728091	Western Equatoria [State: South Sudan]
728092	Central Equatoria [State: South Sudan]
728093	Eastern Equatoria [State: South Sudan]
728098	Abroad [State: South Sudan]
728099	NIU (Not in universe) [State: South Sudan]
729011	Northern [State: Sudan]
729012	Nahr El Nil [State: Sudan]
729021	Red Sea [State: Sudan]
729022	Kassala [State: Sudan]
729023	Al Gedarif [State: Sudan]
729031	Khartoum [State: Sudan]
729041	Al Gezira [State: Sudan]
729042	White Nile [State: Sudan]
729043	Sinnar [State: Sudan]
729044	Blue Nile [State: Sudan]
729051	North Kordofan [State: Sudan]
729052	South Kordofan [State: Sudan]
729061	North Darfur [State: Sudan]
729062	West Darfur [State: Sudan]
729063	South Darfur [State: Sudan]
729071	Upper Nile [State: Sudan]
729072	Jonglei [State: Sudan]
729073	Unity [State: Sudan]
729081	Warrap [State: Sudan]
729082	Northern Bahr El Ghazal [State: Sudan]
729083	Western Bahr El Ghazal [State: Sudan]
729084	Lakes [State: Sudan]
729091	Western Equatoria [State: Sudan]
729092	Central Equatoria [State: Sudan]
729093	Eastern Equatoria [State: Sudan]
729098	Abroad [State: Sudan]
780010	Port of Spain [Region: Trinidad and Tobago]
780020	San Fernando [Region: Trinidad and Tobago]
780080	Diego Martin, San Juan/Laventille, Tunapuna/Piarco, Chaguanas, Sangre Grande, Couva/Tabaquite /Talparo, Rio Claro/Mayaro, Siparia, Penal/Debe, Princess Town, Port Fontin, Caroni, St. Andrew/St. David, Victoria, St. Patrick, Arima [Region: Trinidad and Tobago]
780094	St. Paul, St. Mary, St. David, St. George, St. Patrick, St. Andrew, St. John, Tobago [Region: Trinidad and Tobago]

780098	Unknown [Region: Trinidad and Tobago]
780099	NIU (not in universe) [Region: Trinidad and Tobago]
826101	North East [Region: United Kingdom]
826102	North West [Region: United Kingdom]
826103	Yorkshire and the Humber [Region: United Kingdom]
826104	East Midlands [Region: United Kingdom]
826105	West Midlands [Region: United Kingdom]
826106	East of England [Region: United Kingdom]
826107	South East [Region: United Kingdom]
826108	South West [Region: United Kingdom]
826110	Outer London, Inner London [Region: United Kingdom]
826111	Scotland [Region: United Kingdom]
826112	Wales [Region: United Kingdom]
826113	Northern Ireland [Region: United Kingdom]
826197	Other country [Region: United Kingdom]
826198	Unknown [Region: United Kingdom]
826199	NIU (not in universe) [Region: United Kingdom]
834001	Dodoma [Region: Tanzania]
834002	Arusha, Manyara [Region: Tanzania]
834003	Kilimanjaro [Region: Tanzania]
834004	Tanga [Region: Tanzania]
834005	Morogoro [Region: Tanzania]
834006	Pwani [Region: Tanzania]
834007	Dar es Salaam [Region: Tanzania]
834008	Lindi [Region: Tanzania]
834009	Mtwara [Region: Tanzania]
834010	Ruvuma [Region: Tanzania]
834011	Iringa, Njombe [Region: Tanzania]
834012	Mbeya [Region: Tanzania]
834013	Singida [Region: Tanzania]
834014	Tabora [Region: Tanzania]
834015	Katavi, Rukwa [Region: Tanzania]
834016	Kigoma [Region: Tanzania]
834019	Geita, Kagera, Mwanza, Shinyanga, Simiyu [Region: Tanzania]
834020	Mara [Region: Tanzania]
834051	Zanzibar North [Region: Tanzania]
834052	Zanzibar South [Region: Tanzania]
834053	Zanzibar Town/West [Region: Tanzania]
834054	Pemba North [Region: Tanzania]

834055	Pemba South [Region: Tanzania]
834097	Abroad [Region: Tanzania]
834098	Unknown [Region: Tanzania]
834099	NIU (not in universe) [Region: Tanzania]
840001	Alabama [State: United States]
840002	Alaska [State: United States]
840004	Arizona [State: United States]
840005	Arkansas [State: United States]
840006	California [State: United States]
840008	Colorado [State: United States]
840009	Connecticut [State: United States]
840010	Delaware [State: United States]
840011	District of Columbia [State: United States]
840012	Florida [State: United States]
840013	Georgia [State: United States]
840015	Hawaii [State: United States]
840016	Idaho [State: United States]
840017	Illinois [State: United States]
840018	Indiana [State: United States]
840019	Iowa [State: United States]
840020	Kansas [State: United States]
840021	Kentucky [State: United States]
840022	Louisiana [State: United States]
840023	Maine [State: United States]
840024	Maryland [State: United States]
840025	Massachusetts [State: United States]
840026	Michigan [State: United States]
840027	Minnesota [State: United States]
840028	Mississippi [State: United States]
840029	Missouri [State: United States]
840030	Montana [State: United States]
840031	Nebraska [State: United States]
840032	Nevada [State: United States]
840033	New Hampshire [State: United States]
840034	New Jersey [State: United States]
840035	New Mexico [State: United States]
840036	New York [State: United States]
840037	North Carolina [State: United States]
840038	North Dakota [State: United States]

840039	Ohio [State: United States]
840040	Oklahoma [State: United States]
840041	Oregon [State: United States]
840042	Pennsylvania [State: United States]
840044	Rhode Island [State: United States]
840045	South Carolina [State: United States]
840046	South Dakota [State: United States]
840047	Tennessee [State: United States]
840048	Texas [State: United States]
840049	Utah [State: United States]
840050	Vermont [State: United States]
840051	Virginia [State: United States]
840053	Washington [State: United States]
840054	West Virginia [State: United States]
840055	Wisconsin [State: United States]
840056	Wyoming [State: United States]
840097	Abroad [State: United States]
840999	NIU (not in universe) [State: United States]
894001	Central [Province: Zambia]
894002	Copperbelt [Province: Zambia]
894003	Eastern, Muchinga, Northern [Province: Zambia]
894004	Luapula [Province: Zambia]
894005	Lusaka [Province: Zambia]
894008	North Western [Province: Zambia]
894009	Southern [Province: Zambia]
894010	Western [Province: Zambia]
894097	Foreign country [Province: Zambia]
894098	Unknown [Province: Zambia]
894099	NIU (not in universe) [Province: Zambia]

description

DEFINITION

GEOMIG1_1 indicates the major administrative unit in which the person resided one year prior to the survey. Only intra-national migrations are recorded; however, the variable incorporates geographies for every country that lists place of residence one year ago, to enable comparative analysis of subnational migration. Foreign migrants are coded 097 or 997. Codes for GEOMIG1_1 match the geographic codes in GEOLEV1 (current place of residence).

For similar information for different time intervals since migration, see variables GEOMIG1_P, GEOMIG1_5, and GEOMIG1_10. More on migration and geography can be found [here](#).

concept

CONCEPT

IND: Industry, unrecoded**Data file:** BWA1981_PHC-P-H**Overview**

Type: Continuous Width: 5 Range: - Format: Numeric

description

DEFINITION

"Industry" refers to the activity or product of the establishment or sector in which the person worked. IND is classified according to the system used by the respective national census office at the time, and is not recoded by IPUMS-International.

concept

CONCEPT

Imputation and derivation

DERIVATION

IND is a 5-digit numeric variable.

Some samples use fewer than 5 digits. In those cases, the data are right-justified, and the extra leading digits are padded with zeroes.

CodesArgentina 1970 - Spanish
 Argentina 1980 - Spanish
 Argentina 1991 - Spanish
 Argentina 2001 - Spanish
 Armenia 2001
 Armenia 2011
 Austria 1971-2001 - German
 Austria 2011
 Bangladesh 1991
 Bangladesh 2001
 Bangladesh 2011
 Belarus 2009
 Benin 1979
 Benin 1992
 Benin 2002
 Benin 2013
 Bolivia 1976
 Bolivia 1992
 Bolivia 2001
 Bolivia 2012
 Botswana 1981
 Botswana 1991

Botswana 2001
Botswana 2011
Brazil 1960 - Portuguese
Brazil 1970 - Portuguese
Brazil 1980 - Portuguese
Brazil 1991 - Portuguese
Brazil 2000 - Portuguese
Brazil 2010
Burkina Faso 1996
Cambodia 1998
Cambodia 2004
Cambodia 2008
Cambodia 2013
Cambodia 2019
Cameroon 2005
Canada 1971
Canada 1981
Canada 1991-2001
Canada 2011
Chile 1960
Chile 1970
Chile 1982
Chile 1992
Chile 2002
Chile 2017
China 1982
China 1990
China 2000
Colombia 1964 - Spanish
Colombia 1973 - Spanish
Colombia 1993 - Spanish
Colombia 2005 - Spanish
Costa Rica 1963
Costa Rica 1973
Costa Rica 1984
Costa Rica 2000
Costa Rica 2011
Cote d'Ivoire 1988
Cote d'Ivoire 1998
Cuba 2002
Cuba 2012
Dominican Republic 1960
Dominican Republic 1970
Dominican Republic 1981
Dominican Republic 2002
Dominican Republic 2010
Ecuador 1962
Ecuador 1982
Ecuador 1990
Ecuador 2001
Ecuador 2010
Egypt 1986
Egypt 1996
Egypt 2006
El Salvador 1992
El Salvador 2007
Ethiopia 1984
Ethiopia 1994
Fiji 1966
Fiji 1976
Fiji 1986
Fiji 1996

Fiji 2007
Fiji 2014
Finland 2010
France 1962-1968 - French
France 1975-1982 - French
France 1990 - French
France 1999
France 2006
France 2011
Germany 1970
Germany 1971
Germany 1981
Germany 1987
Ghana 1984
Ghana 2000
Ghana 2010
Greece 1971
Greece 1981
Greece 1991-2001
Greece 2011
Guatemala 1964
Guatemala 1973
Guatemala 1981
Guatemala 1994
Guatemala 2002
Guinea 1983
Guinea 2014
Haiti 1971
Haiti 1982
Haiti 2003
Honduras 1961
Honduras 1974
Honduras 2001
Hungary 2001
Hungary 2011
India 1983
India 1987
India 1993
India 1999
India 2004
India 2009
Indonesia 1971
Indonesia 1976
Indonesia 1980
Indonesia 1985
Indonesia 1990
Indonesia 1995
Indonesia 2000
Indonesia 2005
Indonesia 2010
Iran 2006
Iran 2011
Iraq 1997
Ireland 1971
Ireland 1981
Ireland 1986
Ireland 1991
Ireland 1996
Ireland 2002
Ireland 2006
Ireland 2011
Ireland 2016

Israel 1972
Israel 1983
Israel 1995
Israel 2008
Italy 2001
Italy 2011
Italy Surveys 2011-2013
Italy Surveys 2014-2020
Jamaica 1982
Jamaica 1991
Jamaica 2001
Jordan 2004
Kyrgyz Republic 1999
Kyrgyz Republic 2009
Laos 1995
Laos 2005
Laos 2015
Lesotho 2006
Liberia 1974
Liberia 2008
Malawi 1987
Malawi 1998
Malawi 2008
Malaysia 1970
Malaysia 1980-1991
Malaysia 2000
Mali 1987
Mali 1998
Mali 2009
Mauritius 1990
Mauritius 2000
Mauritius 2011
Mexico 1960 - Spanish
Mexico 1970 - Spanish
Mexico 1990 - Spanish
Mexico 1995 - Spanish
Mexico 2000 - Spanish
Mexico 2010
Mexico 2015
Mexico 2020
Mexico surveys 2005-2019
Morocco 1982
Morocco 1994
Morocco 2004
Morocco 2014
Mozambique 1997
Mozambique 2007
Myanmar 2014
Nepal 2001
Nepal 2011
Netherlands 1960
Netherlands 1971
Netherlands 2001
Netherlands 2011
Nicaragua 1971
Nicaragua 1995
Nicaragua 2005
Nigeria 2006
Nigeria 2007
Nigeria 2008
Nigeria 2009
Nigeria 2010

Pakistan 1973
Palestine 1997
Palestine 2007
Palestine 2017
Panama 1960 - Spanish
Panama 1970-1980 - Spanish
Panama 1990-2000 - Spanish
Panama 2010
Papua New Guinea 1980
Papua New Guinea 2000
Paraguay 1962
Paraguay 1972
Paraguay 1982
Paraguay 1992
Paraguay 2002
Peru 1993
Peru 2007
Peru 2017
Philippines 1990
Philippines 1995
Philippines 2000
Philippines 2010
Poland 1978
Poland 2002
Portugal 1981 - Portuguese
Portugal 1991-2001 - Portuguese
Portugal 2011
Puerto Rico 1970-2005
Puerto Rico 2010
Puerto Rico 2015
Puerto Rico 2020
Romania 1977
Romania 1992
Romania 2002
Romania 2011
Rwanda 2002 - French
Rwanda 2012
Saint Lucia 1991
Senegal 1988
Senegal 2013
Sierra Leone 2004
South Africa 1996
South Africa 2001-2007
South Sudan 2008
Spain 1981 - Spanish
Spain 1991 - Spanish
Spain 2001 - Spanish
Spain 2011
Spain Surveys 2005-2020
Sudan 2008
Suriname 2004
Suriname 2012
Switzerland 1970-2000
Switzerland 2011
Tanzania 2002
Tanzania 2012
Thailand 1970
Thailand 1980
Thailand 1990
Thailand 2000
Togo 1970
Togo 2010

Trinidad and Tobago 1980
 Trinidad and Tobago 1990
 Trinidad and Tobago 2000
 Turkey 1985
 Turkey 1990
 Turkey 2000
 Uganda 2002
 United Kingdom 1961
 United Kingdom 1971
 United Kingdom 1991
 United Kingdom 2001
 United States 1960
 United States 1970
 United States 1980
 United States 1990
 United States 2000-2005
 United States 2010
 United States 2015
 United States 2020
 Uruguay 1963
 Uruguay 1985
 Uruguay 1996
 Uruguay 2006
 Venezuela 1981
 Venezuela 1990
 Venezuela 2001 - Spanish
 Vietnam 1989
 Vietnam 1999
 Vietnam 2009
 Vietnam 2019
 Zambia 1990
 Zambia 2000
 Zambia 2010

MIG1_1_BW: District of residence 1 year ago, Botswana; consistent boundaries, GIS

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 6 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
072001	Gaborone
072002	Francistown
072003	Lobatse
072004	Selebi Phikwe
072007	Central Tutume, Sowa
072010	Ngwaketse, Ngwaketse West, Ngwaketse Southern, Southern, Jwaneng
072011	Borolong

072020	South East
072030	Kweneng, Kweneng South, Kweneng North
072040	Kgatleng
072050	Central Serowe/Palapye
072051	Central Mahalapye
072052	Central Bobonong
072053	Central Boteti, Orapa
072060	North East
072070	Ngamiland East
072071	Ngamiland West, Delta
072072	Chobe
072080	Ghanzi, Central Kgalagadi Game Reserve (CKGR)
072090	Tshabong (Kgalagadi South)
072091	Hukunsti (Kgalagadi North)
072092	Botswana, district unknown
072097	Abroad
072098	Unknown
072099	NIU (not in universe)

description

DEFINITION

MIG1_1_BW indicates the district of Botswana in which a person lived 1 year ago for all sample years.

Click on the Source Variables tab for information on place of residence for each sample year. Source variables may contain more geographic unit detail but are not suitable for cross-temporal comparison.

concept

CONCEPT

MIGCTRY1: Country of residence 1 year ago

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 5 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
-------	----------

00000	NIU (not in universe)
10000	Africa
11000	Eastern Africa
11010	Burundi
11020	Comoros
11030	Djibouti
11040	Eritrea
11050	Ethiopia
11060	Kenya
11070	Madagascar
11080	Malawi
11090	Mauritius
11100	Mozambique
11110	Reunion
11120	Rwanda
11130	Seychelles
11140	Somalia
11150	South Sudan
11160	Uganda
11170	Tanzania
11180	Zambia
11190	Zimbabwe
11999	Eastern Africa, n.s.
12000	Middle Africa
12010	Angola
12020	Cameroon
12030	Central African Republic
12040	Chad
12050	Congo
12060	Democratic Republic of Congo
12070	Equatorial Guinea
12080	Gabon
12090	Sao Tome and Principe
12999	Middle Africa, n.s.
13000	Northern Africa
13010	Algeria
13020	Egypt/United Arab Rep.
13030	Libya
13040	Morocco

13050	Sudan
13060	Tunisia
13070	Western Sahara
13999	Northern Africa, n.s.
14000	Southern Africa
14010	Botswana
14020	Lesotho
14030	Namibia
14040	South Africa
14050	Swaziland
14999	Southern Africa, n.s.
15000	Western Africa
15010	Benin
15020	Burkina Faso
15030	Cape Verde
15040	Ivory Coast
15050	Gambia
15060	Ghana
15070	Guinea
15080	Guinea-Bissau
15090	Liberia
15100	Mali
15110	Mauritania
15120	Niger
15130	Nigeria
15140	St. Helena and Ascension
15150	Senegal
15160	Sierra Leone
15170	Togo
15199	Western African, n.s.
19990	Africa, n.s.
19991	Central and South Africa
20000	Americas
21000	Caribbean
21010	Anguilla
21020	Antigua-Barbuda
21030	Aruba
21040	Bahamas
21050	Barbados

21060	British Virgin Islands
21070	Cayman Isles
21080	Cuba
21090	Dominica
21100	Dominican Republic
21110	Grenada
21120	Guadeloupe
21130	Haiti
21140	Jamaica
21150	Martinique
21160	Montserrat
21170	Netherlands Antilles
21180	Puerto Rico
21190	St. Kitts-Nevis
21200	St. Croix
21210	St. Jon
21220	St. Lucia
21230	St. Thomas
21240	St. Vincent
21250	Trinidad and Tobago
21260	Turks and Caicos
21270	U.S. Virgin Islands
21999	Caribbean, n.s.
22000	Central America
22010	Belize/British Honduras
22020	Costa Rica
22030	El Salvador
22040	Guatemala
22050	Honduras
22060	Mexico
22070	Nicaragua
22080	Panama
22081	Panama Canal Zone
22999	Central America, n.s.
23000	South America
23010	Argentina
23020	Bolivia
23030	Brazil
23040	Chile

23050	Colombia
23060	Ecuador
23070	Falkland Islands
23080	French Guiana
23090	Guyana/British Guiana
23100	Paraguay
23110	Peru
23120	Suriname
23130	Uruguay
23140	Venezuela
23990	South America, n.s.
23991	Central and South America
24000	North America
24010	Bermuda
24020	Canada
24030	Greenland
24040	United States
24041	U.S. Outlying Areas and Territories
24999	North America, n.s.
29990	Americas, other and n.s.
30000	Asia
31000	Eastern Asia
31010	China
31011	Hong Kong
31012	Macau
31013	Taiwan
31020	Japan
31030	Korea
31031	Korea, DPR (North)
31032	Korea, RO (South)
31040	Mongolia
32000	South-Central Asia
32010	Afghanistan
32020	Bangladesh
32030	Bhutan
32040	India
32050	Iran
32060	Kazakhstan
32070	Kyrgyzstan

32080	Maldives
32090	Nepal
32100	Pakistan
32110	Sri Lanka (Ceylon)
32120	Tajikistan
32130	Turkmenistan
32140	Uzbekistan
33000	South-Eastern Asia
33010	Brunei
33020	Cambodia (Kampuchea)
33030	East Timor
33040	Indonesia
33050	Laos
33060	Malaysia
33070	Myanmar (Burma)
33080	Philippines
33090	Singapore
33100	Thailand
33110	Vietnam
33199	Other South-Eastern Asia
34000	Western Asia
34010	Armenia
34020	Azerbaijan
34030	Bahrain
34040	Cyprus
34050	Georgia
34051	Abkhazia
34052	South Ossetia
34060	Iraq
34070	Israel
34080	Jordan
34090	Kuwait
34100	Lebanon
34110	Palestine
34120	Oman
34130	Qatar
34140	Saudi Arabia
34150	Syria
34160	Turkey

34170	United Arab Emirates
34180	Yemen
34990	Western Asia, n.s.
34991	Middle East, n.e.c.
39999	Asia, n.s.
40000	Europe
41000	Eastern Europe
41010	Belarus
41020	Bulgaria
41030	Czech Republic
41040	Hungary
41050	Poland
41060	Moldova
41070	Romania
41080	Russia/USSR
41090	Slovakia
41100	Ukraine
41999	Eastern Europe, n.e.c.
42000	Northern Europe
42010	Denmark
42020	Estonia
42030	Faroe Islands
42040	Finland
42050	Iceland
42060	Ireland
42070	Latvia
42080	Lithuania
42090	Norway
42110	Sweden
42120	United Kingdom
42999	Northern Europe, n.s.
43000	Southern Europe
43010	Albania
43020	Andorra
43030	Bosnia and Herzegovina
43040	Croatia
43050	Gibraltar
43060	Greece
43070	Italy

43071	Vatican City
43080	Malta
43090	Portugal
43100	San Marino
43110	Slovenia
43120	Spain
43130	Macedonia
43140	Yugoslavia
43141	Montenegro
43142	Serbia
43144	Kosovo
43999	Southern Europe, n.s.
44000	Western Europe
44010	Austria
44020	Belgium
44030	France
44040	Germany
44050	Liechtenstein
44060	Luxembourg
44070	Monaco
44080	Netherlands
44090	Switzerland
44999	Western Europe, n.e.c.
49990	Europe, n.s.
49991	Central-Eastern Europe
49992	European Union
49993	European Union (original 15)
49994	Other European Union (not original 15)
50000	Oceania
51000	Australia and New Zealand
51010	Australia
51020	New Zealand
51030	Norfolk Islands
51999	Australia and New Zealand, n.s.
52000	Melanesia
52010	Fiji
52020	New Caledonia
52030	Papua New Guinea
52040	Solomon Islands

52050	Vanuatu (New Hebrides)
53000	Micronesia
53010	Kiribati
53020	Marshall Islands
53030	Nauru
53040	Northern Mariana Isls.
53050	Palau
53999	Micronesia, n.e.c.
54000	Polynesia
54010	Cook Islands
54020	French Polynesia
54030	Niue
54040	Pitcairn Island
54050	Samoa
54060	Tokelau
54070	Tonga
54080	Tuvalu
54090	Wallis and Futuna Isls.
59999	Oceania, n.s.
60000	Other
90000	Non-migrant (international)
99998	Response suppressed
99999	Unknown

description

DEFINITION

MIGCTRY1 indicates the country of residence 1 year ago for international migrants. Persons who did not live abroad 1 year prior are coded to the "non-migrant" category.

concept

CONCEPT

MIGRATE1: Migration status, 1 year

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	Same major administrative unit
11	Same major, same minor administrative unit
12	Same major, different minor administrative unit
20	Different major administrative unit
30	Abroad
99	Unknown/missing

description

DEFINITION

MIGRATE1 indicates the person's place of residence 1 year ago. The first digit records movement across major administrative divisions and countries; the second digit reports movement across minor administrative divisions.

concept

CONCEPT

BW1981A_CITIZEN: Country of citizenship

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[Questions 7 through 9 were asked of present residents in the household]

7. What is the country of (the person)'s citizenship? 01 Botswana
 02 Zimbabwe
 03 Zambia
 04 Namibia
 05 Malawi
 06 Angola
 07 Lesotho
 08 Swaziland
 09 South Africa
 10 UK
 11 USA
 12 India
 13 Pakistan
 Other (specify)

CATEGORIES

Value	Category
01	Botswana
02	South Africa
03	Zimbabwe
04	Namibia

05	Zambia
06	Malawi
07	Angola
09	Swaziland
10	Nigeria
11	Ghana
12	Other Africa
16	Norway
20	Other Europe
24	Sri Lanka
25	Other Asia
26	United States of America
29	Other countries
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the person's country of citizenship. The universe for this variable includes present residents of Botswana. Enumeration instructions indicate that person's information should be collected from absent persons only if they were Botswana citizens; thus, the NIU category could be also interpreted as having "Botswana" citizenship.

UNIVERSE

Botswana 1981: Present residents [discrepancies: none]

concept

CONCEPT

BW1981A_CNTRY1YR: Country of residence 1 year ago

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[This question were asked of all persons in present residents aged 1 plus]

9. Where did (the person) lived this time last year?<div class="i1">[] 0000 Not born
[] 0001 In this housing unit
[] 0002 Elsewhere in this locality
[] ____ Elsewhere in Botswana (see list)
[] 77XX Other country (see list)</div>

CATEGORIES

Value	Category
01	Botswana
02	South Africa
03	Zimbabwe
04	Namibia
08	Lesotho
09	Swaziland
10	Nigeria
11	Ghana
12	Other Africa
20	Europe
29	Other countries
97	Foreign country, not specified
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the person's country of usual residence 1 year ago.

UNIVERSE

Botswana 1981: Present residents age 1+ [discrepancies: type I trace; type II trace]

concept

CONCEPT

BW1981A_DIST1YR: District of residence 1 year ago

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[This question were asked of all persons in present residents aged 1 plus]

9. Where did (the person) lived this time last year?<div class="i1">[] 0000 Not born
[] 0001 In this housing unit
[] 0002 Elsewhere in this locality
[] ____ Elsewhere in Botswana (see list)
[] 77XX Other country (see list)</div>

CATEGORIES

Value	Category
-------	----------

01	Gaborone
02	Francistown
03	Lobatse
04	Selebi-Phikwe
05	Orapa
06	Jwaneng
10	Ngwaketse
11	Barolong
20	South East
30	Kweneng
40	Kgatleng
50	Central Serowe
51	Central Mahalapye
52	Central Bobonong
53	Central Boteti
54	Central Tutume
55	Central Tuli Block
60	North East
70	Ngamiland (South)
71	Ngamiland (North)
72	Chobe
73	Okavango Delta
80	Gansti and Central Kgalagadi Game Reserve (CKGR)
90	Kgalagadi (North)
91	Kgalagadi (South)
95	Foreign country
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the person's district of usual residence 1 year ago. District is the first-level geographic identifier available in the Botswana sample.

UNIVERSE

Botswana 1981: Present residents age 1+ [discrepancies: type I trace; type II trace]

concept

CONCEPT

BW1981A_HHTYPEP: Institution type**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
	Normal households
1	Hotels or safaris
2	Hostels
3	Work camps
4	Hospitals
5	Prisons
6	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the type of institution where the person lived in.

UNIVERSE

Botswana 1981: Present residents [discrepancies: none]

concept

CONCEPT

BW1981A_MARST: Marital status**Data file:** BWA1981_PHC-P-H**Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

6. Marital status<div class="i1">[] 1 Never married
[] 2 Married
[] 3 Separated<br

</div> 4 Divorced
 5 Widowed</div>

CATEGORIES

Value	Category
1	Never married
2	Married
3	Separated
4	Divorced
5	Widowed
9	Unknown

description

DEFINITION

This variable indicates the person's marital status.

UNIVERSE

Botswana 1981: All persons

concept

CONCEPT

BW1981A_PLACE1YR: Place of residence 1 year ago

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[This question were asked of all persons in present residents aged 1 plus]

9. Where did (the person) lived this time last year?<div class="i1">[] 0000 Not born
[] 0001 In this housing unit
[] 0002 Elsewhere in this locality
[] _ _ _ _ Elsewhere in Botswana (see list)
[] 77XX Other country (see list)</div>

CATEGORIES

Value	Category
1	In this dwelling
2	Elsewhere in this locality
3	Elsewhere in Botswana
4	Foreign country
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the person's place of usual residence 1 year ago.

UNIVERSE

Botswana 1981: Present residents age 1+ [discrepancies: type I trace; type II trace]

concept

CONCEPT

BW1981A_RESCNTRY: Country of usual residence

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[Questions 7 through 9 were asked of present residents in the household]</p>

<p>8. Where does (the person) usually live?<div class="i1">[] 0001 In this housing unit
[] 0002 Elsewhere in this locality
[] _ _ _ _ Elsewhere in Botswana (see list)
[] 77XX Other country (see list)</div>

CATEGORIES

Value	Category
01	Botswana
02	South Africa
09	Swaziland
10	Nigeria
12	Other Africa
29	Other countries
97	Foreign country, not specified
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the persons' country of usual residence.

UNIVERSE

Botswana 1981: Present residents [discrepancies: none]

concept

CONCEPT

BW1981A_RESDIST: District of usual residence**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[Questions 7 through 9 were asked of present residents in the household]</p>

<p>8. Where does (the person) usually live?<div class="i1">[] 0001 In this housing unit
[] 0002 Elsewhere in this locality
[] ____ Elsewhere in Botswana (see list)
[] 77XX Other country (see list)</div>

CATEGORIES

Value	Category
01	Gaborone
02	Francistown
03	Lobatse
04	Selebi-Phikwe
05	Orapa
06	Jwaneng
10	Ngwaketse
11	Barolong
20	South East
30	Kweneng
40	Kgatleng
50	Central Serowe
51	Central Mahalapye
52	Central Bobonong and Central Tuli Block
53	Central Boteti
54	Central Tutume
55	Central Tuli Block
60	North East
70	Ngamiland (South)
71	Ngamiland (North)
72	Chobe

73	Okavango Delta
80	Gansti and Central Kgalagadi Game Reserve (CKGR)
90	Kgalagadi (North)
91	Kgalagadi (South)
95	Foreign country
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the person's district of usual residence. District is the first-level geographic identifier available in the Botswana sample.

UNIVERSE

Botswana 1981: Present residents [discrepancies: none]

concept

CONCEPT

BW1981A_RESPLACE: Place of usual residence

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

[Questions 7 through 9 were asked of present residents in the household]</p>

<p>8. Where does (the person) usually live?<div class="i1">[] 0001 In this housing unit
[] 0002 Elsewhere in this locality
[] _ _ _ _ Elsewhere in Botswana (see list)
[] 77XX Other country (see list)</div>

CATEGORIES

Value	Category
1	In this dwelling
2	Elsewhere in this locality
3	Elsewhere in Botswana
4	Foreign country
8	Unknown
9	NIU (not in universe)

BW1981A_ACTIVITY: Type of activity if not working regularly for cash during the past month**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over)

13. What did (the person) do?
 1 Housewife
 2 Student
 3 Retired
 4 Activity looking for work
 5 Work at family landscape
 6 Periodic piece jobs
 7 Others
 (Go to 16 if applicable, else stop)

CATEGORIES

Value	Category
1	Housewife
2	Student
3	Retired
4	Actively looking for work
5	Work at family lands or cattle-post
6	Periodic piece job
7	Others
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the type of activity the person was doing if not working regularly for cash during the past month.

UNIVERSE

Botswana 1981: Present residents age 12+ who were not working [discrepancies: type I trace; type II none]

concept

CONCEPT

BW1981A_BTHLYR: Number of children born alive last year**Data file: BWA1981_PHC-P-H**

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	1
2	2+
9	NIU (not in universe)

description

DEFINITION

This variable indicates the number of children born alive to the person during last year (since Independence Day 1980).

UNIVERSE

Botswana 1981: Present resident females age 12+ [discrepancies: type I 63.3%; type II none]

concept

CONCEPT

BW1981A_CHAWAY: Number of children living elsewhere

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+]

18. How many children are living elsewhere? _____

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4

05	5
06	6
07	7
08	8
09	9
10	10+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of children born to the person living elsewhere.

UNIVERSE

Botswana 1981: Present resident females age 12+ who have ever given birth [discrepancies: type I 73.4%; type II none]

concept

CONCEPT

BW1981A_CHBORN: Number of children ever born alive

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+]

16. How many children have been born alive to (the person)?

CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5

06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of children born alive to the person.

UNIVERSE

Botswana 1981: Present resident females age 12+ [discrepancies: type I 63.3%; type II none]

concept

CONCEPT

BW1981A_CHDEAD: Number of children dead

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Fertility-females, 12 years and over),
 [Questions 16 through 19 were asked of all present residents female aged 12+]

19. How many children are dead?

CATEGORIES

Value	Category
00	
01	1
02	2

03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of children born to the person who died.

UNIVERSE

Botswana 1981: Present resident females age 12+ who have ever given birth [discrepancies: type I 73.4%; type II none]

concept

CONCEPT

BW1981A_CHHOME: Number of children living with mother in this household

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Fertility-females, 12 years and over), [Questions 16 through 19 were asked of all present residents female aged 12+]</p>
</div>

17. How many children are living in this household? _____</p>
</div>

</p>
</div>

Value	Category
00	
01	1
02	2
03	3
04	4

199

05	5
06	6
07	7
08	8
09	9
10	10+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of children born to the person who are currently living in the household with their mother.

UNIVERSE

Botswana 1981: Present resident females age 12+ who have ever given birth [discrepancies: type I 73.4%; type II none]

concept

CONCEPT

BW1981A_EDATTAIN: Highest school level and grade passed

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(All Persons 5 years and over)</p>

<p>11. What is the highest school grade that (the person) passed?<div class="i1">Primary</div><div class="i2">[] 11
[] 12
[] 13
[] 14
[] 15
[] 16
[] 17</div><div class="i1">Secondary</div><div class="i2">[] 21
[] 22
[] 23
[] 24
[] 25
[] 26</div><div class="i1">Tertiary</div><div class="i2">[] 31
[] 32
[] 33
[] 34
[] 35</div>

CATEGORIES

Value	Category
11	Primary school Standard 1
12	Primary school Standard 2
13	Primary school Standard 3
14	Primary school Standard 4
15	Primary school Standard 5

16	Primary school Standard 6
17	Primary school Standard 7
21	Secondary school Form 1
22	Secondary school Form 2
23	Secondary school Form 3
24	Secondary school Form 4
25	Secondary school Form 5
26	Secondary school Form 6
31	University, year 1
32	University, year 2
33	University, year 3
34	University, year 4
35	University year 5 or more
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the highest school level and grade the person has passed.

UNIVERSE

Botswana 1981: Present residents age 5+ who ever attended school [discrepancies: type I trace; type II 2.1%]

concept

CONCEPT

BW1981A_IND: Industry

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over)

15. What was the main product, service/activity of (the person)'s place of work?

CATEGORIES

Value	Category
01	Botswana Defence Forces
02	Central government
03	Local government
04	Tribal administration
05	Education (primary and secondary)
10	Agriculture
11	Mining and quarrying
12	Manufacturing
13	Water and electricity supply
14	Construction
15	Wholesale and retail trade, hotels, restaurants, and related activities
16	Transport, storage and communication
17	Financing, insurance, real estate and business services
18	Community, social, household and personal services (profit making)
19	Hospitals, religious organisations, club societies and associations (non-profit making)
20	Tourism
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the industry where the person works.

UNIVERSE

Botswana 1981: Present residents age 12+ who worked regularly for cash [discrepancies: type I trace; type II trace]

concept

CONCEPT

BW1981A_OCC: Occupation

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Questions 13 through 14 were asked of all present residents, persons aged 12 years and

over)

14. What type of work did (the person) do? _____

CATEGORIES

Value	Category
00	NIU (not in universe)
01	Physical scientists and related technicians
02	Architects, engineers
06	Medical, dental, veterinary doctors
07	Other medical workers
08	Statisticians, mathematicians, system analysts, economists, and related technicians
11	Accountant
13	Teachers
14	Workers in religion
16	Sculptors, painters, photographers, composers and related creative and performing artists
19	Other professional, technical and related workers
20	Legislative officials and government administrators
21	Managers
22	Defence force personnel
31	Government executive officials
32	Stenographers, typists and data capture operators
33	Book-keepers, cashiers and related workers
35	Transport and communication supervisors, transport conductors
37	Mail distribution clerks
39	Other clerical and related workers
40	Managers and working proprietors (wholesale and retail trade)
45	Salesmen, shop assistants and related workers
49	Other sales workers
50	Managers and working proprietors (catering and loading services)
53	Cooks, waiters, bartenders
54	Maids and related housekeeping service workers
55	Building caretakers, charworkers, cleaners and related workers
58	Protective service workers
59	Other service workers
61	Farmers
62	Agricultural and animal husbandry workers
64	Fishermen, hunters and related workers
69	Other agricultural, animal husbandry, forestry, or related workers
70	Production supervisors and general foremen
71	Miners, quarrymen, well drillers and related workers

75	Spinners, weavers, knitters, dyers and related workers
77	Food and beverage processors
79	Tailors, dressmakers, sewers, upholsterers and related workers
83	Blacksmiths, toolmakers and machine-tool operators
84	Machinery fitters, machine assemblers and precision instrument makers (except electrical)
85	Electrical fitters and related electrical and electronics workers
87	Plumbers, welders, sheet metal and structural metal repairers and erectors
90	Other production workers, transport equipment operators, or labourers
92	Painters
93	Other production related workers
94	Bricklayers, carpenters and other construction workers
95	Stationary engine, material handling, and related equipment operators, dockers and freight handlers
97	Transport equipment operators
98	Other labourers
99	Unknown

description

DEFINITION

This variable indicates the person's occupation.

UNIVERSE

Botswana 1981: Present residents age 12+ who worked regularly for cash [discrepancies: type I trace; type II trace]

concept

CONCEPT

BW1981A_WORKMON: Work regularly for cash during the past month

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 1 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

(Questions 13 through 14 were asked of all present residents, persons aged 12 years and over)

12. During the past month did (the person) work regularly for cash?
 Yes, for someone else
 Yes, for self (Go to 14)
 No

CATEGORIES

Value	Category
1	Yes, for someone else
2	Yes, for self
3	No
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates whether the person worked regularly for cash during the past month.

UNIVERSE

Botswana 1981: Present residents age 12+ [discrepancies: type I trace; type II none]

concept

CONCEPT

BW1981A_ABSNTRY: Country of stay for absent household member

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
02	South Africa
03	Zimbabwe
04	Namibia
07	Angola
09	Swaziland
12	Other Africa
29	Other countries
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the country of stay for the absent household member.

UNIVERSE

Botswana 1981: Absent citizens [discrepancies: none]

concept

CONCEPT

BW1981A_ABSMON: Months since the absent household member's last visit

Data file: BWA1981_PHC-P-H

Overview

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

8. Duration since last visit<div class="i1"> ___ Years
 ___ Months</div>

CATEGORIES

Value	Category
00	Less than 1 month
01	1 month
02	2 months
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the months since the absent household member's last visit.

UNIVERSE

Botswana 1981: Absent citizens [discrepancies: none]

concept

CONCEPT

BW1981A_ABSREAS: Reasons for being away of the absent household member**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

9. Reason for being away<div class="i1">[] 01 Working in mines
[] 02 Working in farms
[] 03 Working as domestic
[] 04 Other employment
[] 05 Student
[] 06 Visiting relatives
[] 07 Official business
[] 08 Other business
[] 09 Others
[] 10 Don't know</div>

CATEGORIES

Value	Category
01	Working in mines
02	Working in farms
03	Working as domestic
04	Other employment
05	Student
06	Visiting relatives
07	Official business
08	Other business
09	Others
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the reasons for being away of the absent household member.

UNIVERSE

Botswana 1981: Absent citizens [discrepancies: none]

concept

CONCEPT

BW1981A_ABSYR: Years since the absent household member's last visit**Data file: BWA1981_PHC-P-H****Overview**

Type: Discrete Width: 2 Range: - Format: Numeric

Questions and instructions

LITERAL QUESTION

8. Duration since last visit<div class="i1"> ___ Years
 ___ Months</div>

CATEGORIES

Value	Category
00	Less than 1 year
01	1 year
02	2 years
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the years since the absent household member's last visit.

UNIVERSE

Botswana 1981: Absent citizens [discrepancies: none]

concept

CONCEPT

