

1989 Population and Housing census - IPUMS Subset

Central Bureau of Statistics Ministry of Finance and Planning, IPUMS

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Identification

SURVEY ID NUMBER

KEN_1989_PHC_v01_M_v7.5_A_IPUMS

TITLE

1989 Population and Housing census - IPUMS Subset

ABBREVIATION OR ACRONYM

PHC Kenya 1989 (IPUMS Harmonized Subset)

COUNTRY

Name	Country code
Kenya	KEN

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:
- Households: yes
- Individuals: yes
- Group quarters: yes*

UNIT DESCRIPTIONS:

- Dwellings: A homestead is a structurally separate and independent place of abode. A structure is a building that is used for dwelling purposes. In rural areas most of the structures will be found within a homestead and may contain one or more dwelling units. A dwelling unit is the abode occupied by the respondents and constitutes one or more households.
- Households: A person or a group of persons who live together in the same dwelling unit or homestead and eat together. They may or may not be related by blood or marriage
- Group quarters: Group quarters consist of schools/colleges, barracks, prisons, hospitals and other institutions.

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: Kenya 1989

TOPICS

Topic	Vocabulary
Demographic Variables -- PERSON	IPUMS
Geography: Global Variables -- HOUSEHOLD	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS
Nativity and Birthplace Variables -- PERSON	IPUMS
Technical Household Variables -- HOUSEHOLD	IPUMS
Geography: IPUMS-I, IPUMS-DHS Variables -- HOUSEHOLD	IPUMS
Disability Variables -- PERSON	IPUMS
Education Variables -- PERSON	IPUMS
Constructed Family Interrelationship Variables -- PERSON	IPUMS
Utilities Variables -- HOUSEHOLD	IPUMS
Work Variables -- PERSON	IPUMS
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS
Geography: F-N Variables -- HOUSEHOLD	IPUMS
Group Quarters Variables -- HOUSEHOLD	IPUMS
Constructed Household Variables -- HOUSEHOLD	IPUMS
Migration: F-N Variables -- PERSON	IPUMS
Migration: Global Variables -- PERSON	IPUMS
Household Economic Variables -- HOUSEHOLD	IPUMS
Technical Person Variables -- PERSON	IPUMS
Constructed Family Interrelationship Variables -- PERSON	IPUMS
Education Variables -- PERSON	IPUMS
Technical Person Variables -- PERSON	IPUMS
Geography: F-N Variables -- HOUSEHOLD	IPUMS
Technical Household Variables -- HOUSEHOLD	IPUMS
Household Economic Variables -- HOUSEHOLD	IPUMS
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS
Utilities Variables -- HOUSEHOLD	IPUMS
Demographic Variables -- PERSON	IPUMS
Nativity and Birthplace Variables -- PERSON	IPUMS
Migration: Global Variables -- PERSON	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS
Work Variables -- PERSON	IPUMS
Work: Occupation Variables -- PERSON	IPUMS

Coverage

GEOGRAPHIC UNIT
District

UNIVERSE

All persons present in Kenya on the reference date. Persons who sleep outdoors and travelers in hotels, lodges, and boarding houses

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Central Bureau of Statistics Ministry of Finance and Planning	
IPUMS	University of Minnesota

Sampling

SAMPLING PROCEDURE

MICRODATA SOURCE: Central Bureau of Statistics Ministry of Finance and Planning

SAMPLE SIZE (person records): 1074098.

SAMPLE DESIGN: Systematic sample of every twentieth household.
Persons who sleep outdoors and travelers in hotels, lodges, and boarding houses

WEIGHTING

Self-weighting. Expansion factor = 20.

Data collection

DATES OF DATA COLLECTION

Start	End
1989-10-25	1989-10-25

TIME PERIODS

Start date	End date
1989-10-25	1989-10-25

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

de facto, CENSUS DAY: October 25, 1989

questionnaires

QUESTIONNAIRES

A long form was used to enumerate individuals in private households and in institutions such as schools, colleges, barracks, prisons, and hospitals. The long form includes both individual and housing characteristics. A greatly abbreviated form was used for persons in transit or who slept outdoors, in hotels or boarding houses.

Access policy

CONTACTS

Name
Central Bureau of Statistics Ministry of Finance and Planning

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: Kenya, Central Bureau of Statistics Ministry of Finance and Planning. 1989 Population and Housing census

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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
Central Bureau of Statistics Ministry of Finance and Planning

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Metadata production

DDI DOCUMENT ID

DDI_KEN_1989_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 20, 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 BPLPARSE) 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
KEN1989_PHC-H-H Household records	224	46
KEN1989_PHC-P-H Person records	1074098	95

Data file: KEN1989_PHC-H-H

Household records

Cases: 224

variables: 46

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	
URBAN	URBAN	Urban-rural status	
REGIONW	REGIONW	Continent and region of country	
GEOLEV1	GEOLEV1	1st subnational geographic level, world [consistent boundaries over time]	
GEOLEV2	GEOLEV2	2nd subnational geographic level, world [consistent boundaries over time]	
POPDENSGEO1	POPDENSGEO1	Population density of GEOLEV1 unit, in persons per square kilometer	
POPDENSGEO2	POPDENSGEO2	Population density of GEOLEV2 unit, in persons per square kilometer	
AREAMOLLWGEO1	AREAMOLLWGEO1	Area of GEOLEV1 unit in square kilometers	
AREAMOLLWGEO2	AREAMOLLWGEO2	Area of GEOLEV2 unit in square kilometers	
GEO1_KE	GEO1_KE	Kenya, Province 1969 - 2009 [Level 1; consistent boundaries, GIS]	
GEO1_KE1989	GEO1_KE1989	Kenya, Province 1989 [Level 1, GIS]	
GEO2_KE	GEO2_KE	Kenya, District 1969 - 2009 [Level 2; consistent boundaries, GIS]	
GEO2_KE1989	GEO2_KE1989	Kenya, District 1989 [Level 2, GIS]	
DHS_IPUMSI_KE	DHS_IPUMSI_KE	DHS-IPUMS-I Kenya regions, 1969-2014 [consistent boundaries, GIS]	
OWNERSHIP	OWNERSHIP	Ownership of dwelling [general version]	
OWNERSHIPD	OWNERSHIPD	Ownership of dwelling [detailed version]	
ELECTRIC	ELECTRIC	Electricity	
WATSUP	WATSUP	Water supply	
SEWAGE	SEWAGE	Sewage	
FUELCOOK	FUELCOOK	Cooking fuel	
TOILET	TOILET	Toilet	
FLOOR	FLOOR	Floor material	

ID	Name	Label	Question
WALL	WALL	Wall or building material	
ROOF	ROOF	Roof material	
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	
KE1989A_EATYPE	KE1989A_EATYPE	Enumeration area type	
KE1989A_RECORD	KE1989A_RECORD	Record type	Identification ___ Province ___ District ___ Location ___ Sub-location ___ E. A. [Enumeration Area] number ___ Household
KE1989A_TENURE	KE1989A_TENURE	Tenure	H10. Status of tenure of the main residential structure: If owner-occupied, state whether <input type="checkbox"/> 1 Purchased <input type="checkbox"/> 2 Constructed <input type="checkbox"/> 3 Inherited If rented, state whether <input type="checkbox"/> 4 Government <input type="checkbox"/> 5 Local authority <input type="checkbox"/> 6 Parastatal <input type="checkbox"/> 7 Private company <input type="checkbox"/> 8 Individual <input type="checkbox"/> 9 Other form of tenure
KE1989A_ROOF	KE1989A_ROOF	Roof	H11. Roof State whether: <input type="checkbox"/> 1 Iron sheets <input type="checkbox"/> 2 Tiles <input type="checkbox"/> 3 Concrete <input type="checkbox"/> 4 Asbestos sheets <input type="checkbox"/> 5 Grass/makuti <input type="checkbox"/> 6 Other
KE1989A_WALL	KE1989A_WALL	Wall	H.12. Wall State whether: <input type="checkbox"/> 1 Stone <input type="checkbox"/> 2 Brick/block <input type="checkbox"/> 3 Mud/wood <input type="checkbox"/> 4 Mud/cement <input type="checkbox"/> 5 Wood only <input type="checkbox"/> 6 Iron sheets <input type="checkbox"/> 7 Grass/reeds <input type="checkbox"/> 8 Other

ID	Name	Label	Question
KE1989A_FLOOR	KE1989A_FLOOR	Floor	H13. Floor State whether: <input type="checkbox"/> 1 Cement <input type="checkbox"/> 2 Earth <input type="checkbox"/> 3 Wood <input type="checkbox"/> 4 Tiles <input type="checkbox"/> 5 Other
KE1989A_WATSRC	KE1989A_WATSRC	Water source	H14. Main source of water State whether: <input type="checkbox"/> 1 Pond <input type="checkbox"/> 2 Dam <input type="checkbox"/> 3 Lake <input type="checkbox"/> 4 Stream/river <input type="checkbox"/> 5 Well <input type="checkbox"/> 6 Borehole <input type="checkbox"/> 7 Piped <input type="checkbox"/> 8 Jabias <input type="checkbox"/> 9 Other
KE1989A_SEWAGE	KE1989A_SEWAGE	Sewage	H15. Main type of sewage disposal State whether: <input type="checkbox"/> 1 Main sewer <input type="checkbox"/> 2 Septic tank <input type="checkbox"/> 3 Pit latrine <input type="checkbox"/> 4 Bucket latrine <input type="checkbox"/> 5 Cesspool <input type="checkbox"/> 6 Bush
KE1989A_FUEL	KE1989A_FUEL	Fuel	H16. Main cooking fuel State whether: <input type="checkbox"/> 1 Electricity <input type="checkbox"/> 2 Paraffin <input type="checkbox"/> 3 Gas <input type="checkbox"/> 4 Firewood <input type="checkbox"/> 5 Charcoal <input type="checkbox"/> 6 Other
KE1989A_LIGHT	KE1989A_LIGHT	Light	H17. Main type of lighting State whether: <input type="checkbox"/> 1 Electricity <input type="checkbox"/> 2 Paraffin lamps <input type="checkbox"/> 3 Fuel wood <input type="checkbox"/> 4 Candle <input type="checkbox"/> 5 Solar <input type="checkbox"/> 6 Other
KE1989A_STRATA	KE1989A_STRATA	Strata	

total: 51

Data file: KEN1989_PHC-P-H

Person records

Cases: 1074098

variables: 95

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]	
POLYGAM	POLYGAM	Polygamous union	
CHBORN	CHBORN	Children ever born	
CHSURV	CHSURV	Children surviving	
CHBORNF	CHBORNF	Number of female children ever born	
CHBORNM	CHBORNM	Number of male children ever born	
CHSURVF	CHSURVF	Number of female children surviving	
CHSURVM	CHSURVM	Number of male children surviving	
LASTBMO	LASTBMO	Month of last birth	
LASTBYR	LASTBYR	Year of last birth	
LASTBSEX	LASTBSEX	Sex of last birth	

ID	Name	Label	Question
CHDEAD	CHDEAD	Number of children dead	
CHDEADFEM	CHDEADFEM	Number of female children dead	
CHDEADMALE	CHDEADMALE	Number of male children dead	
LASTBMORT	LASTBMORT	Mortality status of last birth	
CHDEADYR	CHDEADYR	Year of death of the last child born	
CHDEADMO	CHDEADMO	Month of death of the last child born	
MORTMOT	MORTMOT	Mortality status of mother	
MORTFAT	MORTFAT	Mortality status of father	
HOMECHILD	HOMECHILD	Number of own children in household	
HOMEFEM	HOMEFEM	Number of own female children in household	
HOMEMALE	HOMEMALE	Number of own male children in household	
AWAYCHILD	AWAYCHILD	Number of own children living elsewhere	
AWAYFEM	AWAYFEM	Number of own female children living elsewhere	
AWAYMALE	AWAYMALE	Number of own male children living elsewhere	
NATIVITY	NATIVITY	Nativity status	
BPLCOUNTRY	BPLCOUNTRY	Country of birth	
BPLKE	BPLKE	District of birth, Kenya	
SCHOOL	SCHOOL	School attendance	
LIT	LIT	Literacy	
EDATTAIN	EDATTAIN	Educational attainment, international recode [general version]	
EDATTAIND	EDATTAIND	Educational attainment, international recode [detailed version]	
YRSCHOOL	YRSCHOOL	Years of schooling	
EDUCKE	EDUCKE	Educational attainment, Kenya	
EMPSTAT	EMPSTAT	Activity status (employment status) [general version]	
EMPSTATD	EMPSTATD	Activity status (employment status) [detailed version]	
LABFORCE	LABFORCE	Labor force participation	
OCCISCO	OCCISCO	Occupation, ISCO general	
OCC	OCC	Occupation, unrecoded	
MIGRATE1	MIGRATE1	Migration status, 1 year	
MIGCTRY1	MIGCTRY1	Country of residence 1 year ago	
MIG1_1_KE	MIG1_1_KE	Province of residence 1 year ago, Kenya; consistent boundaries, GIS	
MIG2_1_KE	MIG2_1_KE	District of residence 1 year ago, Kenya; consistent boundaries, GIS	
DISEMP	DISEMP	Employment disability	

ID	Name	Label	Question
KE1989A_RELATE	KE1989A_RELATE	Relationship to head	P10. Relationship: What is the relationship of [the respondent] to the head of household? <input type="checkbox"/> 1 Head <input type="checkbox"/> 2 Spouse <input type="checkbox"/> 3 Son <input type="checkbox"/> 4 Daughter <input type="checkbox"/> 5 Father <input type="checkbox"/> 6 Mother <input type="checkbox"/> 7 Other relative <input type="checkbox"/> 8 Non-relative
KE1989A_SEX	KE1989A_SEX	Sex	P11. Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female
KE1989A_AGE	KE1989A_AGE	Age	P12. Age: How old is [the respondent]? Age in completed years __ Use two digits in completing age; if under one year, write '00'
KE1989A_MARST	KE1989A_MARST	Marital status	P13. Marital Status: What is [the respondent's] marital status? <input type="checkbox"/> 1 Single Married: <input type="checkbox"/> 2 Monogamous <input type="checkbox"/> 3 Polygamous <input type="checkbox"/> 4 Widowed <input type="checkbox"/> 5 Divorced <input type="checkbox"/> 6 Separated
KE1989A_BPL	KE1989A_BPL	Birthplace	P15. Birth place: Where was [the respondent] born? (State district if born in Kenya or country if born outside Kenya) ____ --
KE1989A_RESPREV	KE1989A_RESPREV	Previous residence	P16. Previous residence: Where was [the respondent] living in August 1988? State district if in Kenya or country if outside Kenya (Code 00 if under 1years) ____ --
KE1989A_FATHLIVE	KE1989A_FATHLIVE	Father alive	P17. Is his/her father alive? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 3 Not known
KE1989A_MOTHLIVE	KE1989A_MOTHLIVE	Mother alive	P18. Is his/her mother alive? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 3 Not known
KE1989A_LIT	KE1989A_LIT	Literacy	B. Persons aged 6 years and over P19. Literacy: Does [the respondent] know how to read and write a simple statement in any language? <input type="checkbox"/> 0 Not applicable <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No

ID	Name	Label	Question
KE1989A_SCHOOL	KE1989A_SCHOOL	School attendance	B. Persons aged 6 years and over P20. Has [the respondent] ever attended school? <input type="checkbox"/> 1 At school <input type="checkbox"/> 2 Left school <input type="checkbox"/> 3 Never went to school (Code 0 if age is 5 years or less)
KE1989A_EDLEV	KE1989A_EDLEV	Educational attainment	B. Persons aged 6 years and over P21. What is [the respondent's] highest level of education completed? (e.g., class, form, university) _ _
KE1989A_EMPSTAT	KE1989A_EMPSTAT	Activity status	C. Persons aged 10 years and over P30. Activity: What was [the respondent] mainly doing during the last 7 days preceding the Census night? <input type="checkbox"/> 01 Worked for pay or profit <input type="checkbox"/> 02 On leave/sick leave <input type="checkbox"/> 03 Working on family holding <input type="checkbox"/> 04 No work <input type="checkbox"/> 05 Seeking work <input type="checkbox"/> 06 Student <input type="checkbox"/> 07 Retired <input type="checkbox"/> 08 Disabled <input type="checkbox"/> 09 Home makers <input type="checkbox"/> 10 Other
KE1989A_OCC2	KE1989A_OCC2	Occupation, 2 digits	C. Persons aged 10 years and over P31. Occupation: What was [the respondent's] main occupation? Write detailed description of type of work: e.g., clerical, motor mechanic, primary school teacher, etc. ____
KE1989A_OCC4	KE1989A_OCC4	Occupation, 4 digits	C. Persons aged 10 years and over P31. Occupation: What was [the respondent's] main occupation? Write detailed description of type of work: e.g., clerical, motor mechanic, primary school teacher, etc. ____
KE1989A_CLASSWK	KE1989A_CLASSWK	Class of worker	C. Persons aged 10 years and over P32. Work status: What was [the respondent] working as? <input type="checkbox"/> 1 Employer <input type="checkbox"/> 2 Self-employed <input type="checkbox"/> 3 Employee <input type="checkbox"/> 4 Family worker
KE1989A_HOMEMALE	KE1989A_HOMEMALE	Male children living at home	D. Females aged 12 years and over How many children has [the respondent] born alive who are living in this household? P40. Boys ____ P41. Girls ____

ID	Name	Label	Question
KE1989A_HOMEFEM	KE1989A_HOMEFEM	Female children living at home	D. Females aged 12 years and over How many children has [the respondent] born alive who are living in this household? P40. Boys ____ P41. Girls ____
KE1989A_AWAYMALE	KE1989A_AWAYMALE	Male children living away	D. Females aged 12 years and over How many children has [the respondent] born alive living elsewhere? P42. Boys ____ P43. Girls ____
KE1989A_AWAYFEM	KE1989A_AWAYFEM	Female children living away	D. Females aged 12 years and over How many children has [the respondent] born alive living elsewhere? P42. Boys ____ P43. Girls ____
KE1989A_DEADMALE	KE1989A_DEADMALE	Male children who have died	D. Females aged 12 years and over How many children has [the respondent] born alive who have died? P44. Boys ____ P45. Girls ____
KE1989A_DEADFEM	KE1989A_DEADFEM	Female children who have died	D. Females aged 12 years and over How many children has [the respondent] born alive who have died? P44. Boys ____ P45. Girls ____
KE1989A_LSTBMON	KE1989A_LSTBMON	Last birth, month	D. Females aged 12 years and over Particulars of her last live birth When was [the respondent's] last child born? P46. Month ____
KE1989A_LSTBYEAR	KE1989A_LSTBYEAR	Last birth, year	D. Females aged 12 years and over Particulars of her last live birth When was [the respondent's] last child born? P47. Year ____
KE1989A_LSTBSEX	KE1989A_LSTBSEX	Sex of last birth	D. Females aged 12 years and over Particulars of her last live birth P48. Was it a boy or a girl? [] 1 Male [] 2 Female [] 3 Male twins [] 4 Female twins [] 5 Male-female twins [] 6 Multiple births
KE1989A_LSTBLIVE	KE1989A_LSTBLIVE	Last birth alive	D. Females aged 12 years and over Particulars of her last live birth P49. Is this child still alive? [] 1 Yes [] 2 No
KE1989A_DEADMON	KE1989A_DEADMON	Month of death of last birth	D. Females aged 12 years and over Particulars of her last live birth If no in column P49, then give date of death: P50. Month ____

ID	Name	Label	Question
KE1989A_DEADYR	KE1989A_DEADYR	Year of death of last birth	D. Females aged 12 years and over Particulars of her last live birth If no in column P49, then give date of death: P51. Year ____
KE1989A_CHBORN	KE1989A_CHBORN	Number of children ever born	D. Females aged 12 years and over How many children has [the respondent] born alive who are living in this household? P40. Boys ____ P41. Girls ____ How many children has [the respondent] born alive living elsewhere? P42. Boys ____ P43. Girls ____ How many children has [the respondent] born alive who have died? P44. Boys ____ P45. Girls ____

total: 95

COUNTRY: Country**Data file: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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:** KEN1989_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:** KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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

AREAMOLLWGEO1 is a 10-digit string variable listing the area in square kilometers.

AREAMOLLWGEO2: Area of GEOLEV2 unit in square kilometers**Data file:** KEN1989_PHC-H-H**Overview**

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

description

DEFINITION

AREAMOLLWGEO2 indicates the area in square kilometers of the second major administrative unit in which the household was enumerated. The second major administrative unit of the household is identified by the GEOLEV2 variable.

The area of units in GEOLEV2 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

AREAMOLLWGEO2 is a 10-digit string variable listing the area in square kilometers.

GEO1_KE: Kenya, Province 1969 - 2009 [Level 1; consistent boundaries, GIS]**Data file:** KEN1989_PHC-H-H**Overview**

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

Questions and instructions

CATEGORIES

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

404001	Nairobi
404002	Central
404003	Coast
404004	Eastern
404005	Northeastern
404006	Nyanza
404007	Rift Valley
404008	Western

description

DEFINITION

GEO1_KE identifies the household's province or national capital within Kenya in all sample years. Provinces or national capital are the first level administrative units of the country. GEO1_KE 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_KE can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Kenya 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

GEOLEV1: 1st subnational geographic level, world [consistent boundaries over time]

Data file: KEN1989_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.

GEOLEV2: 2nd subnational geographic level, world [consistent boundaries over time]

Data file: KEN1989_PHC-H-H

Overview

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

description

DEFINITION

GEOLEV2 indicates the second 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. Second administrative units in GEOLEV2 have been spatio-temporally harmonized to provide spatially consistent boundaries across samples in each country.

concept

CONCEPT

Imputation and derivation

DERIVATION

GEOLEV2 is a 9-digit numeric variable.

GEOLEV2 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. GEO2_BR.

POPDENSGEO1: Population density of GEOLEV1 unit, in persons per square kilometer

Data file: KEN1989_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.

POPDENSGEO2: Population density of GEOLEV2 unit, in persons per square kilometer

Data file: KEN1989_PHC-H-H

Overview

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

description

DEFINITION

POPDENSGEO2 indicates the population density in persons per square kilometer of the second major administrative unit in which the household was enumerated. The second major administrative unit of the household is identified by the GEOLEV2 variable.

The area of units in GEOLEV2 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

POPDENSGEO2 is a 12-digit string variable listing the population density in persons per square kilometer.

REGIONW: Continent and region of country

Data file: KEN1989_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: KEN1989_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

URBAN: Urban-rural status

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Rural
2	Urban
9	Unknown

description

DEFINITION

URBAN indicates whether the household was located in a place designated as urban or as rural.

concept

CONCEPT

DHS_IPUMSI_KE: DHS-IPUMS-I Kenya regions, 1969-2014 [consistent boundaries, GIS]

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Nairobi
2	Central
3	Coast
4	Eastern
5	Nyanza
6	Rift Valley
7	Western
8	Northeastern

description

DEFINITION

DHS_IPUMSI_KE provides geographic codes for Kenya that match those in the DHS and IPUMS-International databases. This variable can be used to link contextual area data from IPUMS-DHS to IPUMS-International or vice versa. The codes in DHS_IPUMSI_KE indicate the major administrative unit in which the household was enumerated or surveyed.

GIS shapefiles for Kenya can be downloaded [here](#).

concept

CONCEPT

ELECTRIC: Electricity**Data file:** KEN1989_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

FUELCOOK: Cooking fuel**Data file:** KEN1989_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

GEO1_KE1989: Kenya, Province 1989 [Level 1, GIS]**Data file:** KEN1989_PHC-H-H**Overview**

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

Questions and instructions

CATEGORIES

Value	Category
001	Nairobi
002	Central Province
003	Coast Province
004	Eastern Province
005	North-Eastern Province
006	Nyanza Province
007	South Rift Valley Province
008	North Rift Valley Province
009	Western Province

description

DEFINITION

GEO1_KE1989 identifies the household's province or national capital within Kenya in 1989. Provinces or national capital are the first level administrative units of the country. A GIS map (in shapefile format), corresponding to GEO1_KE1989 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Kenya 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

GEO2_KE: Kenya, District 1969 - 2009 [Level 2; consistent boundaries, GIS]**Data file:** KEN1989_PHC-H-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
404001001	Nairobi East, Nairobi North, Nairobi West, Westlands
404002001	Gatanga, Gatundu, Githunguri, Kiambu (Kiambaa), Kiambu West, Kikuyu, Lari, Muranga North, Muranga South, Nyandarua North, Nyandarua South, Ruiru, Thika East, Thika West
404002002	Nyeri North, Nyeri South
404002003	Kirinyaga
404003001	Mombasa, Kilindini
404003002	Kinango, Kwale, Msambweni
404003003	Kaloleni, Kilifi, Malindi
404003004	Tana Delta, Tana River
404003005	Lamu
404003006	Taita, Taveta
404004001	Chalbi, Laisamis, Marsabit, Moyale
404004002	Garba Tulla, Igembe, Imenti Central, Imenti North, Imenti South, Isiolo, Maara, Meru South, Tharaka, Tigania
404004003	Embu, Kangundo, Kibwezi, Machakos, Makueni, Mbeere, Mbooni, Mwala, Nzau, Yatta
404004004	Kitui North, Kitui South (Mutomo), Kyuso, Mwingi
404005001	Fafi, Garissa, Ijara, Lagdera
404005002	Wajir East, Wajir North, Wajir South, Wajir West
404005003	Mandera Central, Mandera East, Mandera West
404006001	Bondo, Rarieda, Siaya
404006002	Kisumu East, Kisumu West, Nyando
404006003	Homa Bay, Kuria East, Kuria West, Migori, Rachuonyo, Rongo, Suba
404006004	Borabu, Gucha, Gucha South, Kisii Central, Kisii South, Manga, Masaba, Nyamira
404007001	Turkana Central, Turkana North, Turkana South
404007002	Pokot Central, Pokot North, West Pokot
404007003	Samburu Central, Samburu East, Samburu North
404007004	Kwanza, Trans Nzoia East, Trans Nzoia West
404007005	Baringo, Baringo North, East Pokot, Koibatek, Laikipia East, Laikipia North, Laikipia West
404007006	Eldoret East, Eldoret West, Wareng
404007007	Keiyo, Marakwet
404007008	Nandi Central, Nandi East, Nandi North, Nandi South, Tinderet
404007009	Kaijiado Central, Kaijiado North, Loitoktok, Molo, Naivasha, Nakuru, Nakuru North
404007010	Narok North, Narok South, Trans Mara
404007011	Bomet, Buret, Kericho, Kipkelion, Sotik

404008001	Butere, Emuhaya, Hamisi, Kakamega Central, Kakamega East, Kakamega North, Kakamega South, Lugari, Mumias, Vihiga
404008002	Bungoma East, Bungoma North, Bungoma South, Bungoma West, Mt. Elgon
404008003	Bunyala, Busia, Samia, Teso North, Teso South

description

DEFINITION

GEO2_KE identifies the household's district within Kenya in all sample years. Districts are the second level administrative units of the country, after provinces. GEO2_KE 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 GEO2_KE can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Kenya 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

GEO2_KE1989: Kenya, District 1989 [Level 2, GIS]

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
001001	Nairobi
002001	Kiambu
002002	Kirinyaga
002003	Muranga
002004	Nyandaura
002005	Nyeri
003001	Kilifi
003002	Kwale
003003	Lamu
003004	Mombasa
003005	Taita Tave
003006	Tana River

004001	Embu
004002	Isiolo
004003	Kitui
004004	Machakos
004005	Marsabit
004006	Meru
005001	Garissa
005002	Mandera
005003	Wajir
006001	Kisii
006002	Kisumu
006003	Siaya
006004	South Nyanza
007001	Kajiado
007002	Kericho
007003	Laikipia
007004	Nakuru
007005	Nandi
007006	Narok
008001	Baringo
008002	Elgeyo-Marakwet
008003	Samburu
008004	Trans-Nzoia
008005	Turkana
008006	Uasin-Gishu
008007	West-Pokot
009001	Bugoma
009002	Busia
009003	Kakamega

description

DEFINITION

GEO2_KE1989 identifies the household's district within Kenya in 1989. Districts are the second level administrative units of the country, after provinces. A GIS map (in shapefile format), corresponding to GEO2_KE1989 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Kenya 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

OWNERSHIP: Ownership of dwelling [general version]**Data file:** KEN1989_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:** KEN1989_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

SEWAGE: Sewage

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
10	Connected to sewage system or septic tank
11	Sewage system (public sewage disposal)
12	Septic tank (private sewage disposal)
20	Not connected to sewage disposal system
99	Unknown

description

DEFINITION

SEWAGE indicates whether the household has access to a sewage system or septic tank.

concept

CONCEPT

WATSUP: Water supply**Data file:** KEN1989_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

FLOOR: Floor material**Data file:** KEN1989_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

HEADLOC: Head's location in household

Data file: KEN1989_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.

HHTYPE: Household classification**Data file:** KEN1989_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

NCOUPLES: Number of married couples in household**Data file:** KEN1989_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

■ NFAMS: Number of families in household

Data file: KEN1989_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

NFATHERS: Number of fathers in household

Data file: KEN1989_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: KEN1989_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

ROOF: Roof material**Data file: KEN1989_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: KEN1989_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: KEN1989_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

KE1989A_EATYPE: Enumeration area type

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Rural
2	Urban

description

DEFINITION

This variable indicates whether the type of the enumeration area is rural or urban.

UNIVERSE

Kenya 1989: All records

concept

CONCEPT

KE1989A_FLOOR: Floor**Data file:** KEN1989_PHC-H-H**Overview**

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

Questions and instructions

LITERAL QUESTION

```
<sva a="all" v="KE89A013">H13. Floor<br /><div class="i1">State whether:<br /><br />[] 1 Cement<br />[] 2 Earth<br />[] 3 Wood<br />[] 4 Tiles<br />[] 5 Other</div><br /></sva>
```

CATEGORIES

Value	Category
1	Cement
2	Earth
3	Wood
4	Tiles
5	Other
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the dwelling's predominant flooring material.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_FUEL: Fuel**Data file:** KEN1989_PHC-H-H**Overview**

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

Questions and instructions

LITERAL QUESTION

<sva r a="all" v="KE89A016">H16. Main cooking fuel
<div class="i1">State whether:

[] 1 Electricity
[] 2 Paraffin
[] 3 Gas
[] 4 Firewood
[] 5 Charcoal
[] 6 Other</div>
</sva r>

CATEGORIES

Value	Category
1	Electricity
2	Paraffin
3	Gas
4	Firewood
5	Charcoal
6	Other
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the main source of cooking fuel in the main housing structure.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_LIGHT: Light

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r a="all" v="KE89A017">H17. Main type of lighting
<div class="i1">State whether:

[] 1 Electricity
[] 2 Paraffin lamps
[] 3 Fuel wood
[] 4 Candle
[] 5 Solar
[] 6 Other</div>
</sva r>

CATEGORIES

Value	Category
1	Electricity

2	Paraffin lamps
3	Fuel wood
4	Candle
5	Solar
6	Other
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the main type of lighting in the main housing structure.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_RECORD: Record type

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

LITERAL QUESTION

Identification

<p><svar a="all" v="KE89A001 KE89A002 KE89A004 KE89A005 KE89A006 KE89A008 KE89A009">___ Province
___ District
___ Location
___ Sub-location
___ E. A. [Enumeration Area] number
___ Household
</svar>

CATEGORIES

Value	Category
1	Household record
2	Household record: travellers and short questionnaires
3	Person record
4	Person record: short questionnaire
5	Person record: travellers

description

DEFINITION

This variable indicates the record type (household or person) and whether the record is for a traveler or a person receiving the short questionnaire.

UNIVERSE

Kenya 1989: All records

concept

CONCEPT

KE1989A_ROOF: Roof

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A011">H11. Roof
<div class="i1">State whether:

[] 1 Iron sheets
[] 2 Tiles
[] 3 Concrete
[] 4 Asbestos sheets
[] 5 Grass/makuti
[] 6 Other</div>
</sva>

CATEGORIES

Value	Category
1	Iron sheets
2	Tiles
3	Concrete
4	Asbestos sheets
5	Grass/makuti
6	Other
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the dwelling's predominant roofing material.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_SEWAGE: Sewage**Data file:** KEN1989_PHC-H-H**Overview**

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

Questions and instructions

LITERAL QUESTION

```
<sva a="all" v="KE89A015">H15. Main type of sewage disposal<br /><div class="i1">State whether:<br /><br />[] 1
Main sewer<br />[] 2 Septic tank<br />[] 3 Pit latrine<br />[] 4 Bucket latrine<br />[] 5 Cesspool<br />[] 6 Bush</div><br
/></sva>
```

CATEGORIES

Value	Category
1	Main sewer
2	Septic tank
3	Pit latrine
4	Bucket latrine
5	Cesspool
6	Bush
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the main type of sewage disposal in the main housing structure.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_TENURE: Tenure**Data file:** KEN1989_PHC-H-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A010">H10. Status of tenure of the main residential structure:

<div class="i1">If owner-occupied, state whether</div>
<div class="i2">[] 1 Purchased
[] 2 Constructed
[] 3 Inherited</div>

<div class="i1">If rented, state whether</div>
<div class="i2">[] 4 Government
[] 5 Local authority
[] 6 Parastatal
[] 7 Private company
[] 8 Individual
[] 9 Other form of tenure</div>

</sva>

CATEGORIES

Value	Category
01	Owner-occupied: purchased
02	Owner-occupied: constructed by owner
03	Owner-occupied: inherited by owner
04	Rented: from government
05	Rented: from local authority
06	Rented: from a parastatal entity
07	Rented: from a private company
08	Rented: from an individual landlord
09	Other
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the status of tenure of the main residential structure whether it is owned or rented.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_WALL: Wall

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A012">H.12. Wall
<div class="i1">State whether:

[] 1 Stone
[] 2 Brick/block
[] 3 Mud/wood
[] 4 Mud/cement
[] 5 Wood only
[] 6 Iron sheets
[] 7 Grass/reeds
[] 8 Other</div>
</sva>

CATEGORIES

Value	Category
	NIU (not in universe)
1	Stone
2	Brick/block
3	Mud/Wood
4	Cement / mud
5	Wood only
6	Iron sheets
7	Grass / reeds
8	Other
9	Unknown

description

DEFINITION

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

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_WATSRC: Water source

Data file: KEN1989_PHC-H-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A014">H14. Main source of water
<div class="i1">State whether:

[] 1 Pond
[] 2 Dam
[] 3 Lake
[] 4 Stream/river
[] 5 Well
[] 6 Borehole
[] 7 Piped
[] 8 Jabias
[] 9 Other</div>
</sva>

CATEGORIES

Value	Category
01	Pond still
02	Dam-small
03	Lake
04	Stream / river
05	Well
06	Borehole
07	Piped
08	Jabias (tank, rainwater)
09	Other
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the main source of water in the main housing structure.

UNIVERSE

Kenya 1989: All households, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_STRATA: Strata

Data file: KEN1989_PHC-H-H

Overview

Type: Continuous Width: 5 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

Kenya 1989: All households

concept

CONCEPT

Imputation and derivation

DERIVATION

This is a 5-digit numeric variable with 0 implied decimal places

MOMLOC: Mother's location in household**Data file:** KEN1989_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:** KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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:** KEN1989_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:** KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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: KEN1989_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

CHBORN: Children ever born

Data file: KEN1989_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

CHBORN: Number of female children ever born

Data file: KEN1989_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

CHBORNF indicates the number of female children ever born to a woman. Only live births are counted.

concept

CONCEPT

CHBORNM: Number of male children ever born**Data file: KEN1989_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

CHBORNM indicates the number of male children ever born to a woman. Only live births are counted.

concept

CONCEPT

CHSURV: Children surviving

Data file: KEN1989_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

CHSURVF: Number of female children surviving

Data file: KEN1989_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+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

CHSURVF indicates the number of female children ever born to a woman still living at the time of the census.

concept

CONCEPT

MARST: Marital status [general version]

Data file: KEN1989_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: KEN1989_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

POLYGAM: Polygamous union

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
00	NIU (not in universe)
01	No, in monogamous union
02	Yes, in polygamous union
03	Man in polygamous union
04	Polygamous man, 2 wives
05	Polygamous man, 3 or more wives
06	Woman in polygamous union
07	Polygamous marriage, 2 wives
08	Polygamous marriage, 3 or more wives
09	First wife
10	Second wife
11	Third or higher order wife
99	Unknown/missing

description

DEFINITION

POLYGAM indicates whether the respondent was in a polygamous union and, in some samples, the number of wives or the rank order of the wife.

concept

CONCEPT

SEX: Sex

Data file: KEN1989_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

CHDEAD: Number of children dead

Data file: KEN1989_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

CHDEADFEM: Number of female children dead

Data file: KEN1989_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
99	NIU (not in universe)

description

DEFINITION

CHDEADFEM indicates the number of female children ever born to a woman who are no longer living. Stillbirths are not counted.

It is possible to calculate total child deaths for samples that have both the "Female children ever born" and "Female children surviving" variables. That is not done in CHDEADFEM, which includes only the samples that directly reported the information in the appropriate form.

concept

CONCEPT

CHDEADMALE: Number of male children dead

Data file: KEN1989_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
99	NIU (not in universe)

description

DEFINITION

CHDEADMALE indicates the number of male children ever born to a woman who are no longer living. Stillbirths are not counted.

It is possible to calculate total child deaths for samples that have both the "Male children ever born" and "Male children surviving" variables. That is not done in CHDEADMALE, which includes only the samples that directly reported the information in the appropriate form.

concept

CONCEPT

CHDEADMO: Month of death of the last child born

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
00	Last child not dead
01	January
02	February
03	March
04	April
05	May

06	June
07	July
08	August
09	September
10	October
11	November
12	December
98	Unknown/missing
99	NIU (not in universe)

description

DEFINITION

CHDEADMO indicates whether the woman's last child had died and, if so, the month of the death. Respondents were to exclude still births from consideration. Also see CHDEADYR.

concept

CONCEPT

CHDEADYR: Year of death of the last child born

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
0000	Last child not dead
1915	1915
1930	1930
1931	1931
1932	1932
1933	1933
1935	1935
1936	1936
1937	1937
1939	1939
1940	1940

1941	1941
1942	1942
1943	1943
1944	1944
1945	1945
1946	1946
1947	1947
1948	1948
1949	1949
1950	1950
1951	1951
1952	1952
1953	1953
1954	1954
1955	1955
1956	1956
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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
9998	Unknown/missing
9999	NIU (not in universe)

description

DEFINITION

CHDEADYR indicates whether the woman's last child had died and, if so, the year of the death. Respondents were to exclude still births from consideration. Also see CHDEADMO.

concept

CONCEPT

CHSURVM: Number of male children surviving

Data file: KEN1989_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+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

CHSURVM indicates the number of male children ever born to a woman still living at the time of the census.

concept

CONCEPT

LASTBMO: Month of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
98	Unknown
99	NIU (not in universe)

description

DEFINITION

LASTBMO indicates the month of birth of the last child born by the respondent. The data refer to live births.

concept

CONCEPT

LASTBMORT: Mortality status of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Alive
2	Dead
9	Unknown

description

DEFINITION

LASTBMORT indicates the mortality status of the last child born to a woman. There is no constraint on how long ago the child may have been born. Only live births are considered.

concept

CONCEPT

LASTBSEX: Sex of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)

1	Male
2	Female
3	Both sexes (multiple births)
9	Unknown

description

DEFINITION

LASTBSEX indicates the sex of a woman's most recent birth.

concept

CONCEPT

LASTBYR: Year of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1900	1900
1901	1901
1902	1902
1903	1903
1904	1904
1905	1905
1906	1906
1907	1907
1908	1908
1909	1909
1910	1910
1911	1911
1912	1912
1913	1913
1914	1914
1915	1915

1916	1916
1917	1917
1918	1918
1919	1919
1920	1920
1921	1921
1922	1922
1923	1923
1924	1924
1925	1925
1926	1926
1927	1927
1928	1928
1929	1929
1930	1930
1931	1931
1932	1932
1933	1933
1934	1934
1935	1935
1936	1936
1937	1937
1938	1938
1939	1939
1940	1940
1941	1941
1942	1942
1943	1943
1944	1944
1945	1945
1946	1946
1947	1947
1948	1948
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1950	1950
1951	1951
1952	1952
1953	1953
1954	1954

1955	1955
1956	1956
1957	1957
1958	1958
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1960	1960
1961	1961
1962	1962
1963	1963
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1966	1966
1967	1967
1968	1968
1969	1969
1970	1970
1971	1971
1972	1972
1973	1973
1974	1974
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1976	1976
1977	1977
1978	1978
1979	1979
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1988	1988
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1991	1991
1992	1992
1993	1993

1994	1994
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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
9998	Unknown
9999	NIU (not in universe)

description

DEFINITION

LASTBYR indicates the year of birth of the last child born by the respondent. The data refer to live births.

concept

CONCEPT

AWAYCHILD: Number of own children living elsewhere**Data file:** KEN1989_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

AWAYFEM: Number of own female children living elsewhere**Data file:** KEN1989_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
99	NIU (not in universe)

description

DEFINITION

AWAYFEM indicates the number of surviving biological female children not living in the household with their mother (the respondent).

concept

CONCEPT

AWAYMALE: Number of own male children living elsewhere

Data file: KEN1989_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
99	NIU (not in universe)

description

DEFINITION

AWAYMALE indicates the number of surviving biological male children not living in the household with their mother (the respondent).

concept

CONCEPT

BPLCOUNTRY: Country of birth

Data file: KEN1989_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
11005	British Indian Ocean Territory
11010	Burundi
11020	Comoros
11030	Djibouti
11040	Eritrea
11050	Ethiopia
11051	Ethiopia (including Eritrea)
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
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
15021	Upper Volta
15030	Cape Verde
15040	Ivory Coast
15050	Gambia
15060	Ghana
15070	Guinea
15080	Guinea-Bissau
15081	Guinea-Bissau and Cape Verde
15090	Liberia
15100	Mali
15110	Mauritania
15120	Niger
15130	Nigeria
15140	St. Helena and Ascension
15150	Senegal
15160	Sierra Leone
15170	Togo
15180	Canary Islands
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
21200	St. Croix
21210	St. John
21220	St. Lucia
21230	St Thomas
21240	St. Vincent
21250	Trinidad and Tobago
21260	Turks and Caicos
21270	U.S. Virgin Islands
21991	Caribbean commonwealth, n.s.
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
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
32042	India/Pakistan/Bangladesh/Sri Lanka
32050	Iran
32060	Kazakhstan
32070	Kyrgyzstan
32080	Maldives
32090	Nepal
32100	Pakistan
32101	Pakistan/Bangladesh
32110	Sri Lanka (Ceylon)
32120	Tajikistan
32130	Turkmenistan
32140	Uzbekistan
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
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
34071	Israel/Palestine
34080	Jordan
34090	Kuwait
34100	Lebanon
34110	Palestine
34111	West Bank
34112	Gaza Strip
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
41991	Albania, Bulgaria, Czech, Hungary, Romania, Yugoslavia
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
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
43121	Spain/Portugal
43130	Macedonia
43140	Yugoslavia
43141	Montenegro
43142	Serbia
43143	Kosovo
43144	Serbia and Montenegro
43991	Gibraltar/Malta
43992	Portugal/Greece
43993	Italy, Holy See, San Marino
43999	Southern Europe, other or n.s.
44000	Western Europe
44010	Austria
44020	Belgium
44021	Belgium/Luxemburg
44022	Belgium/Netherlands/Luxemburg
44030	France
44040	Germany
44042	West Germany
44043	Germany/Austria
44044	Mecklenburg-Schwerin
44050	Liechtenstein
44060	Luxembourg
44070	Monaco
44080	Netherlands
44090	Switzerland
44991	Belgium, Denmark, Luxembourg, Netherlands
44999	Western Europe, other or n.s.
49992	European Union
49993	European Union (original 15)
49994	Other European Union (not original 15)
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
53060	Federated States of Micronesia
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.
80000	AT SEA
90000	Other countries n.s.
99999	Unknown

description

DEFINITION

BPLCOUNTRY indicates the person's country of birth.

concept

CONCEPT

HOMECHILD: Number of own children in household

Data file: KEN1989_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

HOMEFEM: Number of own female children in household

Data file: KEN1989_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
17	17
20	20+
98	Unknown
99	NIU (not in universe)

description

DEFINITION

HOMEFEM indicates the number of female children born living in the household with their mother (the respondent).

concept

CONCEPT

HOMEMALE: Number of own male children in household

Data file: KEN1989_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
99	NIU (not in universe)

description

DEFINITION

HOMEMALE indicates the number of male children born living in the household with their mother (the respondent).

concept

CONCEPT

MORTFAT: Mortality status of father

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Alive
2	Dead
7	Does not know
8	Missing
9	NIU (not in universe)

description

DEFINITION

MORTFAT indicates whether the person's biological father was still living.

concept

CONCEPT

MORTMOT: Mortality status of mother

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Alive
2	Dead
7	Does not know
8	Missing
9	NIU (not in universe)

description

DEFINITION

MORTMOT indicates whether the person's biological mother was still living at the time of the census.

concept

CONCEPT

NATIVITY: Nativity status

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Native-born
2	Foreign-born
9	Unknown/missing

description

DEFINITION

NATIVITY indicates whether the person was native-born or foreign-born.

concept

CONCEPT

BPLKE: District of birth, Kenya

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
0101	Nairobi West
0102	Nairobi East
0103	Nairobi North
0104	Westlands
0110	Nairobi
0201	Nyandarua North
0202	Nyandarua South
0203	Nyeri North
0204	Nyeri South
0205	Kirinyaga
0206	Muranga North
0207	Muranga South

0208	Kiambu (Kiambaa)
0209	Kikuyu
0210	Kiambu West
0211	Lari
0212	Githunguri
0213	Thika East
0214	Thika West
0215	Ruiru
0216	Gatanga
0217	Gatundu
0220	Nyandaura
0221	Nyeri
0222	Muranga
0223	Thika
0224	Maragua
0225	Other Central Province
0301	Mombasa
0302	Kilindini
0303	Kwale
0304	Kinango
0305	Msambweni
0306	Kilifi
0307	Kaloleni
0308	Malindi
0309	Tana River
0310	Tana Delta
0311	Lamu
0312	Taita
0313	Taveta
0320	Taita Taveta
0321	Other Coast Province
0401	Marsabit
0402	Chalbi
0403	Laisamis
0404	Moyale
0405	Isiolo
0406	Garba Tulla
0407	Imenti Central
0408	Imenti North

0409	Imenti south
0410	Meru south
0411	Maara
0412	Igembe
0413	Tigania
0414	Tharaka
0415	Embu
0416	Mbeere
0417	Kitui North
0418	Kitui South (Mutomo)
0419	Mwingi
0420	Kyuso
0421	Machakos
0422	Mwala
0423	Yatta
0424	Kangundo
0425	Makueni
0426	Mbooni
0427	Kibwezi
0428	Nzau
0430	Kitui
0431	Meru
0432	Meru North
0433	Meru Central
0434	Tharaka
0435	Other Eastern Province
0501	Garissa
0502	Lagdera
0503	Fafi
0504	Ijara
0505	Wajir South
0506	Wajir North
0507	Wajir East
0508	Wajir West
0509	Mandera Central
0510	Mandera East
0511	Mandera West
0520	Wajir
0521	Mandera

0522	Other North-Eastern Province
0601	Siaya
0602	Bondo
0603	Rarieda
0604	Kisumu East
0605	Kisumu West
0606	Nyando
0607	Homa Bay
0608	Suba
0609	Rachuonyo
0610	Migori
0611	Rongo
0612	Kuria West
0613	Kuria East
0614	Kisii Central
0615	Kisii South
0616	Masaba
0617	Gucha
0618	Gucha South
0619	Nyamira
0620	Manga
0621	Borabu
0630	Kisumu
0631	Kuria
0632	Kisii
0633	North Kisii
0634	South Nyanza
0635	Other Nyanza Province
0701	Turkana Central
0702	Turkana North
0703	Turkana South
0704	West Pokot
0705	Pokot North
0706	Pokot Central
0707	Samburu Central
0708	Samburu East
0709	Samburu North
0710	Trans Nzoia West
0711	Trans Nzoia East

0712	Kwanza
0713	Baringo
0714	Baringo North
0715	East Pokot
0716	Koibatek
0717	Eldoret West
0718	Eldoret East
0719	Wareng
0720	Marakwet
0721	Keiyo
0722	Nandi North
0723	Nandi Central
0724	Nandi East
0725	Nandi South
0726	Tinderet
0727	Laikipia North
0728	Laikipia East
0729	Laikipia West
0730	Nakuru
0731	Nakuru North
0732	Naivasha
0733	Molo
0734	Narok North
0735	Narok Wouth
0736	Trans Mara
0737	Kajiado Central
0738	Loitoktok
0739	Kericho
0740	Kipkelion
0741	Buret
0742	Sotik
0743	Bomet
0744	Kajiado North
0750	Turkana
0751	Samburu
0752	Trans Nzoia
0753	Nandi
0754	Laikipia
0755	Narok

0756	Kajiado
0757	Elgeyo Markwet
0758	Uasin Gishu
0759	Other Rift Valley Province
0801	Kakamega Central
0802	Kakamega South
0803	Kakamega North
0804	Kakamega East
0805	Lugari
0806	Vihiga
0807	Emuhaya
0808	Hamisi
0809	Mumias
0810	Butere
0811	Bungoma South
0812	Bungoma North
0813	Bungoma East
0814	Bungoma West
0815	Mt. Elgon
0816	Busia
0817	Teso North
0818	Samia
0819	Bunyala
0820	Teso South
0830	Kakamega
0831	Butere/Mumias
0832	Bungoma
0833	Teso
0834	Other Western Province
0900	Foreign-born
0999	Unknown/missing

description

DEFINITION

BPLKE indicates the person's district and province of birth within Kenya.

concept

CONCEPT

EDATTAIN: Educational attainment, international recode [general version]**Data file:** KEN1989_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:** KEN1989_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

EDUCKE: Educational attainment, Kenya

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
00	None
01	Pre-primary
02	Standard 1, incomplete
03	Standard 1
04	Standard 2
05	Standard 3
06	Standard 4
07	Standard 5
08	Standard 6
09	Standard 7
10	Standard 8
11	Form 1
12	Form 2
13	Form 3
14	Form 4
15	Form 5
16	Form 6
20	Literacy program
30	Youth polytechnic
40	University, completion unspecified
41	University, incomplete
42	University, complete
43	College (training schools, etc)
44	University, undergraduate
45	University, Masters or PhD
50	Madrassa
98	Unknown/missing
99	NIU (not in universe)

description

DEFINITION

EDUCKE indicates the person's educational attainment in Kenya in terms of the level of schooling completed.

concept

CONCEPT

EMPSTAT: Activity status (employment status) [general version]**Data file:** KEN1989_PHC-P-H**Overview**

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

Questions and instructions

CATEGORIES

Value	Category
	NIU (not in universe)
1	Employed
2	Unemployed
3	Inactive
9	Unknown/missing

description

DEFINITION

EMPSTAT indicates whether or not the respondent was part of the labor force -- working or seeking work -- over a specified period of time. Depending on the sample, EMPSTAT can also convey further information.

The first digit of EMPSTAT is fully comparable, and classifies the population into three groups: employed, unemployed, and inactive. The combination of employed and unemployed yields the total labor force. The second and third digits of EMPSTAT preserve additional information available for some countries and census years but not for others.

Employment status is sometimes referred to in other sources as "activity status".

concept

CONCEPT

EMPSTATD: Activity status (employment status) [detailed version]**Data file:** KEN1989_PHC-P-H**Overview**

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

Questions and instructions

CATEGORIES

Value	Category
000	NIU (not in universe)
100	Employed, not specified
110	At work
111	At work, and 'student'
112	At work, and 'housework'
113	At work, and 'seeking work'
114	At work, and 'retired'
115	At work, and 'no work'
116	At work, and other situation
117	At work, family holding, not specified
118	At work, family holding, not agricultural
119	At work, family holding, agricultural
120	Have job, not at work in reference period
130	Armed forces
131	Armed forces, at work
132	Armed forces, not at work in reference period
133	Military trainee
140	Marginally employed
200	Unemployed, not specified
201	Unemployed 6 or more months
202	Worked fewer than 6 months, permanent job
203	Worked fewer than 6 months, temporary job
210	Unemployed, experienced worker
220	Unemployed, new worker
230	No work available
240	Inactive unemployed
300	Inactive (not in labor force)
310	Housework
320	Unable to work, disabled or health reasons
321	Permanent disability
322	Temporary illness
323	Disabled or imprisoned
330	In school
340	Retirees and living on rent
341	Living on rents

342	Living on rents or pension
343	Retirees/pensioners
344	Retired
345	Pensioner
346	Non-retirement pension
347	Disability pension
348	Retired without benefits
350	Elderly
351	Elderly or disabled
360	Institutionalized
361	Prisoner
370	Intermittent worker
371	Not working, seasonal worker
372	Not working, occasional worker
380	Other income recipient
390	Inactive, other reasons
391	Too young to work
392	Dependent
999	Unknown/missing

description

DEFINITION

EMPSTAT indicates whether or not the respondent was part of the labor force -- working or seeking work -- over a specified period of time. Depending on the sample, EMPSTAT can also convey further information.

The first digit of EMPSTAT is fully comparable, and classifies the population into three groups: employed, unemployed, and inactive. The combination of employed and unemployed yields the total labor force. The second and third digits of EMPSTAT preserve additional information available for some countries and census years but not for others.

Employment status is sometimes referred to in other sources as "activity status".

concept

CONCEPT

LABFORCE: Labor force participation

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	No, not in the labor force
2	Yes, in the labor force
8	Unknown
9	NIU (not in universe)

description

DEFINITION

LABFORCE is a dichotomous variable identifying whether a person participated in the labor force. Labor force participation generally means working or seeking work within a specified reference period.

For most samples LABFORCE is a recode of EMPSTAT (employment status). A consistent lower age universe of 15 or older has been applied to increase comparability across samples. Full detail is retained in EMPSTAT, which should be used for any study of child labor.

concept

CONCEPT

LIT: Literacy

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

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

description

DEFINITION

LIT indicates whether or not the respondent could read and write in any language. A person is typically considered literate if he or she can both read and write. All other persons are illiterate, including those who can either read or write but cannot do both.

concept

CONCEPT

SCHOOL: School attendance**Data file:** KEN1989_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:** KEN1989_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

DISEMP: Employment disability**Data file:** KEN1989_PHC-P-H**Overview**

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

Questions and instructions

CATEGORIES

Value	Category
1	Disabled
2	Not disabled
8	Unknown
9	NIU (not in universe)

description

DEFINITION

DISEMP indicates if the respondent was economically inactive because of disabilities or, in some instances, other health-related reasons.

concept

CONCEPT

KE1989A_AGE: Age**Data file:** KEN1989_PHC-P-H**Overview**

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A403">P12. Age:

How old is [the respondent]? Age in completed years __
<div class="i1">Use two digits in completing age; if under one year, write '00'</div>
</sva>

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
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
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
91	91
92	92
93	93
94	94
95	95
96	96
97	97+
99	Unknown

description

DEFINITION

This variable indicates the person's age in years.

UNIVERSE

Kenya 1989: All persons

concept

CONCEPT

KE1989A_RELATE: Relationship to head

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A401">P10. Relationship:

What is the relationship of [the respondent] to the head of household?
<div class="i1">[] 1 Head
[] 2 Spouse
[] 3 Son
[] 4 Daughter
[] 5 Father
[] 6 Mother
[] 7 Other relative
[] 8 Non-relative</div>
</sva>

CATEGORIES

Value	Category
	NIU (not in universe)
1	Head
2	Spouse
3	Son
4	Daughter
5	Father
6	Mother
7	Other relative
8	Non-relative
9	Unknown

description

DEFINITION

This variable indicates the relationship of the individual to the household head.

UNIVERSE

Kenya 1989: All persons, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_SEX: Sex

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A402">P11. Sex:
<div class="i1">[] Male
[] Female</div>
</sva>

CATEGORIES

Value	Category
1	Male
2	Female
9	Unknown

description

DEFINITION

This variable indicates the sex of the individual.

UNIVERSE

Kenya 1989: All persons

concept

CONCEPT

MIG1_1_KE: Province of residence 1 year ago, Kenya; consistent boundaries, GIS

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

CATEGORIES

Value	Category
404001	Nairobi
404002	Central
404003	Coast
404004	Eastern
404005	Northeastern
404006	Nyanza
404007	Rift Valley
404008	Western
404097	Abroad
404098	Unknown
404099	NIU (not in universe)

description

DEFINITION

MIG1_1_KE indicates the person's province of residence within Kenya 1 year ago.

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

MIG2_1_KE: District of residence 1 year ago, Kenya; consistent boundaries, GIS**Data file: KEN1989_PHC-P-H****Overview**

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

Questions and instructions

CATEGORIES

Value	Category
404001001	Nairobi East, Nairobi North, Nairobi West, Westlands
404002001	Gatanga, Gatundu, Githunguri, Kiambu (Kiambaa), Kiambu West, Kikuyu, Lari, Muranga North, Muranga South, Nyandarua North, Nyandarua South, Ruiru, Thika East, Thika West
404002002	Nyeri North, Nyeri South
404002003	Kirinyaga
404002099	Central Province, unknown district
404003001	Mombasa, Kilindini
404003002	Kinango, Kwale, Msambweni
404003003	Kaloleni, Kilifi, Malindi
404003004	Tana Delta, Tana River
404003005	Lamu
404003006	Taita, Taveta
404003099	Coast Province, unknown district
404004001	Chalbi, Laisamis, Marsabit, Moyale
404004002	Garba Tulla, Igembe, Imenti Central, Imenti North, Imenti South, Isiolo, Maara, Meru South, Tharaka, Tigania
404004003	Embu, Kangundo, Kibwezi, Machakos, Makueni, Mbeere, Mbooni, Mwala, Nzau, Yatta
404004004	Kitui North, Kitui South (Mutomo), Kyuso, Mwingi
404004099	Eastern Province, unknown district
404005001	Fafi, Garissa, Ijara, Lagdera
404005002	Wajir East, Wajir North, Wajir South, Wajir West
404005003	Mandera Central, Mandera East, Mandera West
404005099	North-Eastern province, unknown district
404006001	Bondo, Rarieda, Siaya
404006002	Kisumu East, Kisumu West, Nyando
404006003	Homa Bay, Kuria East, Kuria West, Migori, Rachuonyo, Rongo, Suba
404006004	Borabu, Gucha, Gucha South, Kisii Central, Kisii South, Manga, Masaba, Nyamira

404006099	Nyanza province, unknown district
404007001	Turkana Central, Turkana North, Turkana South
404007002	Pokot Central, Pokot North, West Pokot
404007003	Samburu Central, Samburu East, Samburu North
404007004	Kwanza, Trans Nzoia East, Trans Nzoia West
404007005	Baringo, Baringo North, East Pokot, Koibatek, Laikipia East, Laikipia North, Laikipia West
404007006	Eldoret East, Eldoret West, Wareng
404007007	Keiyo, Marakwet
404007008	Nandi Central, Nandi East, Nandi North, Nandi South, Tinderet
404007009	Kaijiado Central, Kaijiado North, Loitoktok, Molo, Naivasha, Nakuru, Nakuru North
404007010	Narok North, Narok South, Trans Mara
404007011	Bomet, Buret, Kericho, Kipkelion, Sotik
404007099	Rift Valley province, unknown district
404008001	Butere, Emuhaya, Hamisi, Kakamega Central, Kakamega East, Kakamega North, Kakamega South, Lugari, Mumias, Vihiga
404008002	Bungoma East, Bungoma North, Bungoma South, Bungoma West, Mt. Elgon
404008003	Bunyala, Busia, Samia, Teso North, Teso South
404008099	Western province, unknown district
404097097	Abroad
404098098	Unknown
404099099	NIU (not in universe)

description

DEFINITION

MIG2_1_KE indicates the person's district of residence in Kenya 1 year ago. Migration district codes from MIG2_1_KE are compatible with codes from GEO2_KE.

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: KEN1989_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:** KEN1989_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

OCC: Occupation, unrecoded**Data file:** KEN1989_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: KEN1989_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

KE1989A_BPL: Birthplace

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A406">P15. Birth place:

Where was [the respondent] born? (State district if born in Kenya or country if born outside Kenya) ____ _
</sva>

CATEGORIES

Value	Category
01	Uganda
02	Tanzania
03	Ethiopia
04	Somalia
05	Sudan
06	Other Africa
09	Kenya, not specified
11	Nairobi
20	Central Province
21	Kiambu
22	Kirinyaga
23	Muranga
24	Nyandaura
25	Nyeri
30	Coast Province
31	Kilifi
32	Kwale
33	Lamu
34	Mombasa
35	Taita Tave

36	Tana River
40	Eastern Province
41	Embu
42	Isiolo
43	Kitui
44	Machakos
45	Marsabit
46	Meru
50	North-Eastern Province
51	Garissa
52	Mandera
53	Wajir
60	Nyanza Province
61	Kisii
62	Kisumu
63	Siaya
64	South Nyanza
70	Rift Valley Province
71	Kajiado
72	Kericho
73	Laikipia
74	Nakuru
75	Nandi
76	Narok
81	Baringo
82	Elgeyo-Marakwet
83	Samburu
84	Trans-Nzoia
85	Turkana
86	Uasin-Gishu
87	West-Pokot
90	Western Province
91	Bugoma
92	Busia
93	Kakamega
94	European countries
95	Asian countries
96	American countries
97	Other unspecified countries

98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the birth place of the individual (State district if born in Kenya or country if born outside Kenya).

UNIVERSE

Kenya 1989: Persons except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_EDLEV: Educational attainment

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<svr v="KE89A410 KE89A411 KE89A412">B. Persons aged 6 years and over
</svr></p>

<p><svr a="all" v="KE89A412">P21. What is [the respondent's] highest level of education completed? (e.g., class, form, university) _
</svr>

CATEGORIES

Value	Category
00	Did not complete standard 1
01	Standard 1
02	Standard 2
03	Standard 3
04	Standard 4
05	Standard 5
06	Standard 6
07	Standard 7
08	Standard 8
11	Form 1
12	Form 2
13	Form 3

14	Form 4
15	Form 5
16	Form 6
17	University not completed
18	Completed university
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the highest level of education completed.

UNIVERSE

Kenya 1989: Persons age 6+ who had ever attended school, except travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_EMPSTAT: Activity status

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A413 KE89A414 KE89A415 KE89A416">C. Persons aged 10 years and over
</sva r></p>

<p><sva r a="all" v="KE89A413">P30. Activity:

What was [the respondent] mainly doing during the last 7 days preceding the Census night?
<div class="i1">[] 01 Worked for pay or profit
[] 02 On leave/sick leave
[] 03 Working on family holding
[] 04 No work
[] 05 Seeking work
[] 06 Student
[] 07 Retired
[] 08 Disabled
[] 09 Home makers
[] 10 Other</div>
</sva r>

CATEGORIES

Value	Category
01	Work for pay or profit
02	On leave, sick
03	Worked on family holding
04	No work
05	Seeking work

06	Student
07	Retired
08	Disabled
09	Homemakers
10	Other
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates economic activity during the last 7 days preceding the census night.

UNIVERSE

Kenya 1989: Persons age 10+, except travellers and those receiving short questionnaires [discrepancies: type I trace; type II none]

concept

CONCEPT

KE1989A_FATHLIVE: Father alive

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A408">P17. Is his/her father alive?
<div class="i1">[] 1 Yes
[] 2 No
[] 3 Not known</div>
</sva>

CATEGORIES

Value	Category
1	Yes
2	No
3	Respondent did not know
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates whether the father of the individual is alive or not.

UNIVERSE

Kenya 1989: All persons, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_LIT: Literacy

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A410 KE89A411 KE89A412">B. Persons aged 6 years and over
</sva r></p>

<p><sva r a="all" v="KE89A410">P19. Literacy:

Does [the respondent] know how to read and write a simple statement in any language?
<div class="i1">[] 0 Not applicable
[] 1 Yes
[] 2 No</div>
</sva r>

CATEGORIES

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

description

DEFINITION

This variable indicates whether the individual knows how to read and write a simple statement in any language.

UNIVERSE

Kenya 1989: Persons age 6+, except travellers and those receiving the short questionnaires [discrepancies: type I 0.1%; type II none]

concept

CONCEPT

KE1989A_MARST: Marital status**Data file:** KEN1989_PHC-P-H**Overview**

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

Questions and instructions

LITERAL QUESTION

```
<sva a="all" v="KE89A404">P13. Marital Status:<br /><br />What is [the respondent's] marital status?<br /><div
class="i1">[] 1 Single<br />Married:<br />[] 2 Monogamous<br />[] 3 Polygamous<br />[] 4 Widowed<br />[] 5
Divorced<br />[] 6 Separated</div><br /></sva>
```

CATEGORIES

Value	Category
1	Single
2	Monogamous
3	Polygamous
4	Widowed
5	Divorced
6	Separated
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the marital status of the individual.

UNIVERSE

Kenya 1989: All persons, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_MOTHLIVE: Mother alive**Data file:** KEN1989_PHC-P-H**Overview**

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A409">P18. Is his/her mother alive?
<div class="i1">[] 1 Yes
[] 2 No
[] 3 Not known</div>
</sva>

CATEGORIES

Value	Category
1	Yes
2	No
3	Respondent did not know
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates whether the mother of the individual is alive or not.

UNIVERSE

Kenya 1989: All persons, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_OCC2: Occupation, 2 digits

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva v="KE89A413 KE89A414 KE89A415 KE89A416">C. Persons aged 10 years and over
</sva></p>

<p><sva a="all" v="KE89A414 KE89A415">P31. Occupation:

What was [the respondent's] main occupation? Write detailed description of type of work: e.g., clerical, motor mechanic, primary school teacher, etc. ____
</sva>

CATEGORIES

Value	Category
11	Professional technical and related workers
12	Medical, paramedical and nursing workers
13	Physical and life scientists
14	Human related resource workers
15	Statisticians, mathematicians and economists
16	Teachers, lecturers, instructors

17	Jurists and legal practitioners
18	Cultural worker
19	Other professional and related workers
21	Public administrators
22	Private or Parastatal Managers Administrators
23	Accountant bookkeeper cashiers
24	Office clerks and office machine operators
25	Transport supervisors and clerks
26	Radio and telecom supervisors and clerks
29	Other admin managerial andclerical
30	Sales workers
41	Service workers
42	Lodging catering and cleaning service
43	Personal service workers
49	Other service workers
51	Agricultural workers
52	Forestry workers
53	Fishermen
54	Wildlife workers
59	Other agricultural, forestry and related
61	Production supervisor and controllers
62	Mine quarry and related workers
63	Chemical andmineral processing workers
64	Metal fabrication workers
66	Textile prepares
67	Textileandleather goods makers
68	Food beverage and tobacco processors
69	Wood workers and wood working machine operators
70	Smiths, welders and sheet metal workers
71	Metal work machine operators, machine fitters
72	Engine maintenance workers
73	Electrical and electronic workers
74	Printing and reproduction workers
75	Other manufacturing workers
76	Painters
77	Construction workers
78	Stationery operators
79	Other production and maintenance workers
81	Packer andpacking machine operators

82	Loading and storage workers
83	Transport workers
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the main occupation (2 digits) during the last 7 days preceding the census night.

UNIVERSE

Kenya 1989: Persons age 10+ who worked for pay, worked on family holding or were on leave 7 days before the census night [discrepancies: type I 0.6%; type II none]

concept

CONCEPT

KE1989A_RESPREV: Previous residence

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva a="all" v="KE89A407">P16. Previous residence:

Where was [the respondent] living in August 1988? State district if in Kenya or country if outside Kenya (Code 00 if under 1years) ____ _
</sva>

CATEGORIES

Value	Category
01	Uganda
02	Tanzania
03	Ethiopia
04	Somalia
05	Sudan
06	Other Africa
09	Kenya
11	Nairobi
20	Central Province
21	Kiambu
22	Kirinyaga

23	Muranga
24	Nyandarua
25	Nyeri
30	Coast Province
31	Kilifi
32	Kwale
33	Lamu
34	Mombasa
35	Taita Taveta
36	Tana River
40	Eastern Province
41	Embu
42	Isiolo
43	Kitui
44	Machakos
45	Marsabit
46	Meru
50	North Eastern Province
51	Garissa
52	Mandera
53	Wajir
60	Nyanza Province
61	Kisii
62	Kisumu
63	Siaya
64	South Nyanza
70	Rift Valley Province
71	Kajiado
72	Kericho
73	Laikipia
74	Nakuru
75	Nandi
76	Narok
81	Baringo
82	Elgeyo-Marakwet
83	Samburu
84	Trans-Nzoia
85	Turkan
86	Uasin-Gishu

87	West-Pokot
90	Western Province
91	Bungoma
92	Busia
93	Kakamega
94	European countries
95	Asian countries
96	American countries
97	Other unspecified countries
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the previous residence in August 1988 (State district if in Kenya or Country if outside Kenya).

UNIVERSE

Kenya 1989: Persons age 1+, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_SCHOOL: School attendance

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva v="KE89A410 KE89A411 KE89A412">B. Persons aged 6 years and over
</sva></p>

<p><sva a="all" v="KE89A411">P20. Has [the respondent] ever attended school?
<div class="i1">[] 1 At school
[] 2 Left school
[] 3 Never went to school

(Code 0 if age is 5 years or less)</div>
</sva>

CATEGORIES

Value	Category
1	Attending school
2	Left school
3	Never attended school

8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates whether the person has ever attended school.

UNIVERSE

Kenya 1989: Persons age 6+, except travellers and those receiving the short questionnaires [discrepancies: type I trace; type II none]

concept

CONCEPT

KE1989A_AWAYFEM: Female children living away

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<svr v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</svr></p>

<p><svr a="all" v="KE89A419 KE89A420 KE89A429">How many children has [the respondent] born alive living elsewhere?
<div class="i1">P42. Boys ___
P43. Girls ___</div>
</svr>

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
17	17
20	20
21	21
26	26
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of female children born alive to the person but do not live in the household.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: type I trace; type II none]

concept

CONCEPT

KE1989A_AWAYMALE: Male children living away

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p><sva r a="all" v="KE89A419 KE89A420 KE89A429">How many children has [the respondent] born alive living elsewhere?
<div class="i1">P42. Boys ____
P43. Girls ____</div>
</sva r>

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
16	16
20	20
22	22
23	23
25	25
26	26
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of male children born alive to the person but do not live in the household.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: type I trace; type II none]

concept

CONCEPT

KE1989A_CLASSWK: Class of worker

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A413 KE89A414 KE89A415 KE89A416">C. Persons aged 10 years and over
</sva r></p>

<p><sva r a="all" v="KE89A416">P32. Work status:

What was [the respondent] working as?
<div class="i1">[] 1 Employer
[] 2 Self-employed
[] 3 Employee
[] 4 Family worker</div>
</sva r>

CATEGORIES

Value	Category
1	Employer
2	Self employed
3	Employee
4	Family worker
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates the person's employment status during the seven days before the census night.

NOTE: These data are highly questionable. Most persons did not give a response, including the great majority of agricultural workers.

UNIVERSE

Kenya 1989: Persons age 10+ who worked for pay, worked on family holding, or were on leave 7 days before the census night [discrepancies: type I 0.4%; type II none]

concept

CONCEPT

KE1989A_DEADFEM: Female children who have died

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p><sva r a="all" v="KE89A421 KE89A422 KE89A429">How many children has [the respondent] born alive who have died?
<div class="i1">P44. Boys ____
P45. Girls ____</div>
</sva r>

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
17	17
18	18
19	19
20	20
22	22
27	27
28	28
29	29
98	Unknown
99	NIU (not in universe)

description

DEFINITION

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

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_DEADMALE: Male children who have died

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p><sva r a="all" v="KE89A421 KE89A422 KE89A429">How many children has [the respondent] born alive who have died?
<div class="i1">P44. Boys ____
P45. Girls ____</div>
</sva r>

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
27	27
98	Unknown
99	NIU (not in universe)

description

DEFINITION

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

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_HOMEFEM: Female children living at home

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p><sva r a="all" v="KE89A417 KE89A418 KE89A429">How many children has [the respondent] born alive who are living in this household?
<div class="i1">P40. Boys ____
P41. Girls ____</div>
</sva r>

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
20	20
22	22
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicated the number of female children born alive to the person who still live in the household.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: type I trace; type II none]

concept

CONCEPT

KE1989A_HOMEMALE: Male children living at home

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva></p>

<p><sva a="all" v="KE89A417 KE89A418 KE89A429">How many children has [the respondent] born alive who are living in this household?
<div class="i1">P40. Boys ____
P41. Girls ____</div>
</sva>

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
17	17
20	20
21	21
22	22
24	24
25	25
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of male children born alive to the person who still live in the household.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_LSTBMON: Last birth, month

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p>Particulars of her last live birth</p>

<p>When was [the respondent's] last child born?</p>

<p>P46. Month ____

CATEGORIES

Value	Category
01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the month of the last child's birth.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_LSTBYEAR: Last birth, year

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426

KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</svar></p>

<p>Particulars of her last live birth</p>

<p>When was [the respondent's] last child born?</p>

<p>P47. Year ____

CATEGORIES

Value	Category
04	1904
05	1905
10	1910
11	1911
14	1914
15	1915
17	1917
18	1918
19	1919
20	1920
21	1921
22	1922
23	1923
24	1924
25	1925
26	1926
27	1927
28	1928
29	1929
30	1930
31	1931
32	1932
33	1933
34	1934
35	1935
36	1936
37	1937
38	1938
39	1939
40	1940
41	1941
42	1942

43	1943
44	1944
45	1945
46	1946
47	1947
48	1948
49	1949
50	1950
51	1951
52	1952
53	1953
54	1954
55	1955
56	1956
57	1957
58	1958
59	1959
60	1960
61	1961
62	1962
63	1963
64	1964
65	1965
66	1966
67	1967
68	1968
69	1969
70	1970
71	1971
72	1972
73	1973
74	1974
75	1975
76	1976
77	1977
78	1978
79	1979
80	1980
81	1981

82	1982
83	1983
84	1984
85	1985
86	1986
87	1987
88	1988
89	1989
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the year of the last child's birth.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_OCC4: Occupation, 4 digits

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A413 KE89A414 KE89A415 KE89A416">C. Persons aged 10 years and over
</sva r></p>

<p><sva r a="all" v="KE89A414 KE89A415">P31. Occupation:

What was [the respondent's] main occupation? Write detailed description of type of work: e.g., clerical, motor mechanic, primary school teacher, etc. ____
</sva r></p>

CATEGORIES

Value	Category
0000	NIU (not in universe)
1111	Architect
1112	Town planner

1113	Architectural draughtsman
1114	Cartographer
1115	Surveyor (general)
1116	Cartographical draughtsman
1117	Civil engineer (general)
1118	Civil engineering technician/ draughtsman
1119	Electrical engineer
1120	Electrical technician/ draughtsman
1121	Electronics engineer (general)
1122	Electronics technician/ draughtsman
1123	Mechanical engineer (general)
1124	Mechanical technician/ draughtsman
1125	Heating ventilation and refrigeration engineer
1126	Heating, vent and refrigeration technician/draftsman
1127	Chemical engineer (general)
1128	Chemical technician/ laboratory assistant
1129	Mining engineer
1130	Mining technician
1131	Metallurgist
1132	Metallurgist technician
1133	Other engineer
1134	Other engineering technician/ draughtsman
1136	Turbine operator
1154	Undocumented
1211	Medical doctor
1212	Medical clinical assistant
1213	Medical laboratory technician
1214	Dentist
1215	Dental technician
1216	Veterinarian
1217	Veterinary assistant
1218	Pharmacist
1219	Pharmaceutical technologist assistant
1220	Nutritionist dietician
1221	Public health inspector
1222	X-ray and radiography technician
1223	Physiotherapist
1224	Nursing supervisor or matron
1225	Nurse

1226	Midwife
1227	Nursing aid
1228	First aid officer
1229	Other medical paramedical or nursing worker
1310	Chemist
1311	Physicist
1312	Geologist
1313	Non-identifiable occupations
1314	Agronomist
1315	Physical or life scientist/ technician
1316	Other physical or life scientist
1410	Psychologist
1411	Sociologist anthropologist
1412	Social worker (general)
1413	Other human relations and resource worker
1415	Undocumented
1416	Undocumented
1510	Statistician actuary
1511	Mathematician
1512	System analyst
1513	Computer programmer
1514	Computer technician or operator
1515	Economist (general)
1516	Statistical mathematical and related technician
1517	Other statistician mathematician, economist, or rel
1574	Undocumented
1610	University and higher education teacher/ lecturer
1611	Secondary education teacher/ instructor
1612	Primary education teacher/ instructor
1613	Special education teacher/instructor
1614	Job instructor
1615	Other teacher lecturing or instructor
1617	Undocumented
1618	Undocumented
1619	Undocumented
1622	Undocumented
1624	Undocumented
1672	Undocumented
1711	Judge magistrate

1712	Other judicial official
1713	Advocate
1714	Other jurist or legal practitioner
1716	Undocumented
1811	Author
1812	Journalist editor
1813	Public relations officer, information officer
1814	Other writers
1815	Librarian archivist curator
1816	Interpreter translator
1817	Photographer cameraman
1818	Industrial designer
1819	Other creative artists
1820	Performing artist, producer
1821	Other cultural worker
1824	Undocumented
1911	Minister of religion
1912	Other religion worker
1913	Professional, technical or related worker
1919	Undocumented
2190	Undocumented
2210	General manager
2211	Company secretary
2212	Financial manager controller
2213	Personnel manager
2214	Personnel officer
2215	Purchasing manager/ buyer
2216	Production operation works manager
2217	Marketing, sales manager
2218	Other private or parastatal manager administrator
2219	Undocumented
2311	Accountant, auditor (general)
2312	Accounts clerk
2313	Bookkeeper
2314	Bank teller
2315	Other account, book keeper or cashier
2318	Undocumented
2320	Undocumented
2410	Clerical service, data entry or control supervisor

2411	Records keeper stores clerk
2412	General office clerk
2413	Receptionist (general)
2414	Stenographer secretary
2415	Typist
2416	Telex operator
2417	Data control clerk
2418	Book keeping machine operator
2419	Other office machine operator
2511	Railway yard master/ station master
2512	Railway traffic controller
2513	Railway traffic controller operator/ cabin operator
2514	Locomotive/train inspector
2515	Road transport supervisor
2516	Road transport inspector
2517	Air transport controller
2518	Air transport inspector/supervisor
2519	Transport conductor
2520	Other transport supervisor or clerk
2611	Postmaster
2612	Postal service supervisor
2613	Postal counter teller
2614	Other postal clerk
2615	Telecommunications operator
2616	Radio communications operator
2617	Telephone switchboard operator
2618	Broadcasting station operator
2619	Other audio visual equipment operator
2620	Other post radio telecomms supervisor clerk
2990	Administrative managerial or clerical worker
3010	Shopkeepers
3011	Member of commercial or shop cooperative
3012	Sales supervisor
3013	Shop assistant
3014	Shop cashier till operator
3015	Marketer
3016	Street vendor, hawker
3017	Ticket seller
3018	Technical insurance real estate salesman

3019	Other sales workers
3070	Undocumented
3079	Undocumented
4110	Protective service supervisor
4111	Policeman
4112	Security guard
4113	Watchman
4114	Prison warder
4115	Fire fighter (general)
4116	Safety and accident prevention worker
4117	Other protective service workers
4119	Undocumented
4120	Undocumented
4130	Undocumented
4210	Working proprietor (hotel and restaurants)
4211	Hotel restaurant and catering managerial staff
4212	Housekeeping supervisor
4213	Building caretaker
4214	Sweeper cleaner
4215	Other housekeeping service workers
4216	Head cook chef
4217	Cook
4218	Waiter, barman, canteen assistant
4219	Other lodging catering or cleaning service workers
4311	Domestic servant
4312	Children nurse, ayah
4313	Domestic gardener
4314	Hairdresser, hair platter, barber
4315	Other personal service worker
4317	Undocumented
4318	Undocumented
4319	Undocumented
4324	Undocumented
4910	Aircraft cabin and group attendant, hostess
4911	Guide (general)
4912	Office messenger
4913	Service worker (n.e.c)
4914	Undocumented
5110	Non commercial farmer (general farmer)

5111	Commercial farmer
5112	Farm manager
5113	Farmfield assistant
5114	Farm supervisor
5115	Leading hand (farming) charge hand
5116	Crop picker, pruner, picker (field worker general)
5117	Livestock worker (general)
5118	Dairy worker
5119	Other farm laborer
5120	Farm machinery operator
5121	Plant nursery worker
5122	Parks and garden supervisor
5123	Parks and garden workers
5124	Other agricultural worker
5126	Undocumented
5174	Undocumented
5211	Forest manager
5212	Forest ranger
5213	Forest sew supervisor
5214	Feller, logger
5215	Other forestry machine operator
5216	Charcoal burner
5311	Fisherman
5312	Fisheries manager
5313	Fish scout fisheries supervisor
5410	Hunter, trapper
5411	Game warden, ranger
5412	Game scout, zookeeper
5413	Other wildlife worker
5990	Agricultural, forestry or related (n.e.c)
6111	Shift foreman supervisor (mining)
6112	Shift foreman supervisor (metal production)
6113	Shift foreman supervisor (chemical industry)
6114	Shift foreman supervisor (food and beverage industry)
6115	Shift foreman supervisor (textile industry)
6116	Shift foreman supervisor (mechanical industry)
6117	Shift foreman supervisor (construction)
6118	Shift foreman supervisor (other production)
6119	Section foreman supervisor (mining)

6120	Section foreman/ supervisor (textile industry)
6121	Quality controller (food and beverage industry)
6212	Miner
6311	Leading hand (chemical processing)
6312	Mixing machine operator
6313	Screening or floatation worker
6314	Miner
6315	Roaster
6316	Filtration operator (polythene)
6317	Metal smelting and refining worker
6318	Other chemical and mineral processing worker
6319	Undocumented
6411	Metal melter or heater
6412	Metal caster
6413	Metal molder
6414	Metal pipe and tube roller
6418	Other metal fabrication worker
6610	Leading hand (textile preparing)
6611	Undocumented
6612	Printing machine operator
6613	Spinning winding machine operator
6614	Weaving machine operator
6615	Knitting machine operator
6616	Bleaching range op. (bleaching)
6617	Textile printing (machine operator)
6618	Undocumented
6710	Leading hand (textile and leather goods making)
6711	Tanner (tanning deldress)
6712	Tailors dressmaker
6713	Upholsterer
6714	Shoemaker, shoe repairer
6715	Garment cutter
6716	Uppers or bottoms cutter
6717	Sewing machine operator
6718	Other garment or shoe maker
6719	Undocumented
6811	Leading hand, food and beverage
6812	Leading hand tobacco
6813	Grain miller

6814	Sugar grain presser
6815	Grain processor
6816	Slaughterer
6817	Butter
6818	Sausage maker
6819	Dairy products processor (pasteurizer)
6820	Baker (general)
6821	Other beverage maker
6822	Coffee blender
6823	Tobacco grader
6910	Leading hand (woodworking)
6911	Cabinet maker
6912	Wood working setter operator
6913	Model and pattern maker
7010	Leading hand
7011	Blacksmith
7012	Tool and die maker
7013	Welder
7014	Frame cutter
7015	Tin smith
7016	Panel beater
7017	Boiler maker
7018	Other sheet metal worker
7021	Undocumented
7110	Leading hand (mechanical industry)
7111	Metal working machine setter operator
7112	Lathe setter/operator turner
7113	Milling machine setter/operator
7114	Planing machine operator
7115	Undocumented
7116	Tool sharpener saw doctor
7117	Other machine setter operator
7118	Machine assembler (production)
7119	Machinery fitter (maintenance)
7120	Precision/optical instrument fitter
7121	Undocumented
7123	Undocumented
7126	Undocumented
7134	Undocumented

7210	Leading hand
7211	Automobile mechanic
7212	Diesel engine fitter
7213	Aircraft engine mechanic
7216	Undocumented
7310	Leading hand
7311	Electrical assembler
7312	Armature winder
7313	Electronic fitters/assemblers
7314	Radio and television repair
7315	Building electrician
7316	Electrical wireman
7317	Vehicle electrician
7318	Other electrician
7319	Electrical power lineman
7320	Telephone and telegraph lineman
7321	Telephone and telegraph installer
7324	Undocumented
7410	Leading hand
7411	Hand composition
7412	Keyboard operator
7413	Stereotyper
7414	Process camera operator
7415	Photographic darkroom worker
7416	Book binder
7521	Basket or brushmaker
7610	Leading hand painting
7611	Building and structural painter
7612	Spray painter
7613	Other painter
7616	Undocumented
7710	Leading hand construction
7711	Structural steel workers
7712	Track layer
7713	Pipe layer
7714	Rigger
7715	Concrete and finisher
7716	Brick layer mason
7717	Steel worker

7718	Carpenter
7719	Plumber, pipe fitter
7720	Glazier
7721	Other construction worker
7811	Boiler operator
7812	Stationery diesel engine operator
7813	Turbine operator
7815	Pumping machine operator
7816	Other stationary engine operator
7818	Undocumented
7819	Undocumented
7832	Undocumented
7990	Production maintenance worker (n.e.c)
8111	Supervisor foreman (packing)
8112	Leading hand (packing)
8113	Packer general
8119	Undocumented
8211	Supervisor/foreman loading and storage
8212	Loader hand any (industry)
8224	Undocumented
8311	Crane operator (stationary)
8312	Crane and hoist operator
8313	Forklift operator (truck)
8314	Bull dozer operator
8315	Excavating machine operator
8316	Road machine operator (roller)
8317	Dumper driver
8318	Lorry driver
8319	Bus driver
8320	Taxi driver
8321	Aircraft pilot
8322	Flight navigator
8323	Railway engine driver (fireman)
8324	Driver
9998	Unknown
9999	No occupation reported

description

DEFINITION

This variable indicates the main occupation (4 digits) during the last 7 days preceding the Census night.

UNIVERSE

Kenya 1989: Persons age 10+ who worked for pay, worked on family holding or were on leave 7 days before the census night [discrepancies: type I 0.6%; type II none]

concept

CONCEPT

KE1989A_CHBORN: Number of children ever born

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p><sva r a="all" v="KE89A417 KE89A418 KE89A429">How many children has [the respondent] born alive who are living in this household?
<div class="i1">P40. Boys ____
P41. Girls ____</div>
</sva r></p>

<p><sva r a="all" v="KE89A419 KE89A420 KE89A429">How many children has [the respondent] born alive living elsewhere?
<div class="i1">P42. Boys ____
P43. Girls ____</div>
</sva r></p>

<p><sva r a="all" v="KE89A421 KE89A422 KE89A429">How many children has [the respondent] born alive who have died?
<div class="i1">P44. Boys ____
P45. Girls ____</div>
</sva r>

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
39	39
40	40
41	41
42	42
43	43
46	46
47	47
48	48
50	50
51	51
52	52
53	53
54	54
55	55
59	59

60	60
61	61
64	64
65	65
70	70
71	71
80	80
90	90
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the number of children ever born.

UNIVERSE

Kenya 1989: Females age 12+, except travellers and those receiving the short questionnaire [discrepancies: none]

concept

CONCEPT

KE1989A_DEADMON: Month of death of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<svr v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</svr></p>

<p>Particulars of her last live birth</p>

<p>If no in column P49, then give date of death:</p>

<p>P50. Month ____

CATEGORIES

Value	Category
01	1
02	2

03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the month of death of the last birth born alive.

UNIVERSE

Kenya 1989: Females age 12+ whose last child died, except travellers and those receiving the short questionnaire [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_DEADYR: Year of death of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<svr v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</svr></p>

<p>Particulars of her last live birth</p>

<p>If no in column P49, then give date of death:</p>

<p>P51. Year ____

CATEGORIES

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

50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
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
98	Unknown
99	NIU (not in universe)

description

DEFINITION

This variable indicates the year of death of last birth born alive.

UNIVERSE

Kenya 1989: Females age 12+ whose last child born died, except travellers and those receiving the short questionnaire [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_LSTBLIVE: Last birth alive

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<svr v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</svr></p>

<p>Particulars of her last live birth</p>

<p>P49. Is this child still alive?</p>

<div class="i1">[] 1 Yes
[] 2 No</div>

CATEGORIES

Value	Category
1	Alive
2	Dead
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicates whether the last child born to the person is still alive or not.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

KE1989A_LSTBSEX: Sex of last birth

Data file: KEN1989_PHC-P-H

Overview

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

Questions and instructions

LITERAL QUESTION

<sva r v="KE89A417 KE89A418 KE89A419 KE89A420 KE89A421 KE89A422 KE89A423 KE89A424 KE89A425 KE89A426 KE89A427 KE89A428 KE89A429">D. Females aged 12 years and over
</sva r></p>

<p>Particulars of her last live birth</p>

<p>P48. Was it a boy or a girl?</p>

<div class="i1">[] 1 Male
[] 2 Female
[] 3 Male twins
[] 4 Female twins
[] 5 Male-female twins
[] 6 Multiple births</div>

CATEGORIES

Value	Category
1	Male
2	Female
3	Male twins
4	Female twins
5	Male and female twins
6	Multiple births
8	Unknown
9	NIU (not in universe)

description

DEFINITION

This variable indicate the gender of the last child born.

UNIVERSE

Kenya 1989: Females age 12+ who had ever given birth, except the travellers and those receiving the short questionnaires [discrepancies: Type I trace; Type II none]

concept

CONCEPT

study_resources

questionnaires

Census of Disabled Persons

title Census of Disabled Persons
authors Central Bureau of Statistics, Ministry of Finance and Planning
date 1989-08-24
country Kenya
language English
publishers Central Bureau of Statistics, Ministry of Finance and Planning
filename Kenya_1989_Disabled_Persons_Form.pdf

Population Census

title Population Census
authors Central Bureau of Statistics, Ministry of Finance and Planning
date 1989-08-24
country Kenya
language English
publishers Central Bureau of Statistics, Ministry of Finance and Planning
filename Kenya_1989_Enumeration_Form.pdf

technical_documents

Enumerator's Instructions Manual

title Enumerator's Instructions Manual
authors Central Bureau of Statistics, Ministry of Finance and Planning, Republic of Kenya
date 1989-10-25
country Kenya
language English
publishers Central Bureau of Statistics, Ministry of Finance and Planning, Republic of Kenya
filename Kenya_1989_Enumerators_Manual.pdf

Supervisor's Instructions Manual

title Supervisor's Instructions Manual
authors Central Bureau of Statistics, Ministry of Finance and Planning, Republic of Kenya
date 1989-10-25
country Kenya
language English
publishers Central Bureau of Statistics, Ministry of Finance and Planning, Republic of Kenya
filename Kenya_1989_Supervisors_Instructions_Manual.pdf

Report on the Study Tour of Census Operations to: Kenya

title Report on the Study Tour of Census Operations to: Kenya
authors Govore, C., J. Malaba, C.N. Parirenyatwa, M.W. Sidindi
date 1990-07-01
country Kenya
language English
publishers Central Statistical Office, Zimbabwe.
filename Kenya_1990_Study_Tour_of_Census_Operations.pdf
