

# The 1990 Population and Housing Census of Thailand - IPUMS Subset

**National Statistical Office, IPUMS**

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## Identification

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### SURVEY ID NUMBER

THA\_1990\_PHC\_v01\_M\_v7.5\_A\_IPUMS

### TITLE

The 1990 Population and Housing Census of Thailand - IPUMS Subset

### ABBREVIATION OR ACRONYM

PHC Thailand 1990 (IPUMS Harmonized Subset)

### COUNTRY

Name	Country code
Thailand	THA

### STUDY TYPE

Population and Housing Census [hh/popcen] IPUMS International

### SERIES INFORMATION

DOI:10.18128/D020.V7.5

### KIND OF DATA

Population and Housing Census [hh/popcen]

### UNIT OF ANALYSIS

Persons, households, and dwellings

### UNITS IDENTIFIED:

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

### UNIT DESCRIPTIONS:

- Dwellings: Buildings or any constructed structures including boat, houseboat, or truck in which a person can live.
- Households: A household refers to one person or many persons who live in the same house or the same constructed structure. They seek for, consume, and utilize all facilities together for their benefit, regardless of whether they are related or not.
- Group quarters: Households that consist of several people living together because of certain rules or regulations indicating that those people must live together or need to stay together for their own benefits. These includes institutions and other collective households.

## Version

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### 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

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### NOTES

Additional notes on a sample that is part of this study: Thailand 1990

## TOPICS

<b>Topic</b>	<b>Vocabulary</b>
Demographic Variables -- PERSON	IPUMS
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS
Geography: Global Variables -- HOUSEHOLD	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS
Nativity and Birthplace Variables -- PERSON	IPUMS
Work Variables -- PERSON	IPUMS
Technical Household Variables -- HOUSEHOLD	IPUMS
Disability Variables -- PERSON	IPUMS
Education Variables -- PERSON	IPUMS
Constructed Family Interrelationship Variables -- PERSON	IPUMS
Utilities Variables -- HOUSEHOLD	IPUMS
Geography: O-Z Variables -- HOUSEHOLD	IPUMS
Migration: Global Variables -- PERSON	IPUMS
Group Quarters Variables -- HOUSEHOLD	IPUMS
Constructed Household Variables -- HOUSEHOLD	IPUMS
Household Economic Variables -- HOUSEHOLD	IPUMS
Migration: O-Z Variables -- PERSON	IPUMS
Technical Person Variables -- PERSON	IPUMS
Ethnicity and Language Variables -- PERSON	IPUMS
Technical Household Variables -- HOUSEHOLD	IPUMS
Constructed Family Interrelationship Variables -- PERSON	IPUMS
Education Variables -- PERSON	IPUMS
Technical Person Variables -- PERSON	IPUMS
Geography: O-Z Variables -- HOUSEHOLD	IPUMS
Group Quarters Variables -- HOUSEHOLD	IPUMS
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS
Other Household Variables -- HOUSEHOLD	IPUMS
Household Economic Variables -- HOUSEHOLD	IPUMS
Utilities Variables -- HOUSEHOLD	IPUMS
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS
Demographic Variables -- PERSON	IPUMS
Work: Occupation Variables -- PERSON	IPUMS
Work: Industry Variables -- PERSON	IPUMS
Work Variables -- PERSON	IPUMS
Ethnicity and Language Variables -- PERSON	IPUMS
Nativity and Birthplace Variables -- PERSON	IPUMS

Migration: Global Variables -- PERSON	IPUMS
Fertility and Mortality Variables -- PERSON	IPUMS
Disability Variables -- PERSON	IPUMS

## Coverage

### GEOGRAPHIC UNIT

District

### UNIVERSE

All Thai nationals residing in Thailand on the census date; foreign civilians who normally reside in Thailand or who temporarily reside in Thailand 3 months or more before the census date; any individual who has normally resided in Thailand but was away for military training, sailing, or temporarily travelling abroad; and Thai civil/military/diplomatic officers and their families who normally have their offices in foreign countries.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
National Statistical Office	
IPUMS	University of Minnesota

## Sampling

### SAMPLING PROCEDURE

MICRODATA SOURCE: National Statistical Office

SAMPLE SIZE (person records): 485100.

SAMPLE DESIGN: The sample was enumerated with the Long Form questionnaires, and was selected with different sampling fractions from 9 strata. The strata are municipal and non-municipal areas in the four major regions (Central, North, Northeastern, South) with Bangkok as a separate regions. The sample was selected in a two-stage process. In the first stage, enumeration districts (EDs) were selected within each of the 9 strata. For Bangkok and other municipal areas, 40% of all EDs were selected. For non-municipal areas, 20% of EDs were selected. In the second stage, households were selected within EDs with different selection rules for private and collective households. For private households, 25% of households in Bangkok and non-municipal areas were selected, while 5% of households in other municipal areas were selected. For collective households, a 5% sample is selected across all strata.

### WEIGHTING

Calculated by the NSO based on stratified sample design.

## Data collection

### DATES OF DATA COLLECTION

Start	End
1990-04-01	1990-04-01

### TIME PERIODS

Start date	End date
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1990-04-01

1990-04-01

## DATA COLLECTION MODE

Face-to-face [f2f]

## DATA COLLECTION NOTES

de jure\*, CENSUS DAY: April 1, 1990

## questionnaires

## QUESTIONNAIRES

The population was enumerated with Form 2. There are two types of Form 2: (i) the Short Form which is used to collect information on 10 population questions and 3 housing questions; and (ii) the Long Form which contains 26 population questions and 16 housing questions. Part 1 of the Long Form identifies the household; Part 2 contains population questions; and Part 3 contains housing questions which are asked only of private households. One-fifth of the households and population in Bangkok and non-municipal areas were enumerated with the long-form while all households and population in the other municipal areas were enumerated with the long-form.

## Access policy

## CONTACTS

Name
National Statistical Office

## CONFIDENTIALITY

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

## ACCESS CONDITIONS

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

IPUMS International distributes integrated microdata of individuals and households only by agreement of collaborating

national statistical offices and under the strictest of confidence. Before data may be distributed to an individual researcher, an electronic license agreement must be signed and approved. To gain access to the data, a researcher must agree to the following:

- (1) Implement security measures to prevent unauthorized access to census microdata. Under IPUMS International agreements with collaborating agencies, redistribution of the data to third parties is prohibited.
- (2) Use the microdata for the exclusive purposes of scholarly research and education. Researchers must explicitly agree to not use microdata acquired for any commercial or income-generating venture.
- (3) Maintain the confidentiality of persons, households, and other entities. Any attempt to ascertain the identity of persons or households from the microdata is prohibited. Alleging that a person or household has been identified is also prohibited.
- (4) Report all publications based on these data to IPUMS International, which will in turn pass the information on to the relevant national statistical agencies.

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

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

#### CITATION REQUIREMENTS

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

Researchers should also acknowledge the statistical agency that originally produced the data: Thailand, National Statistical Office. The 1990 Population and Housing Census of Thailand

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

Copies of such materials are also gratefully received at [ipums@umn.edu](mailto: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
National Statistical Office

## Disclaimer and copyrights

#### DISCLAIMER

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#### COPYRIGHT

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## Metadata production

### DDI DOCUMENT ID

DDI\_THA\_1990\_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, 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**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>THA1990_PHC-H-H</b> Household records	118	95
<b>THA1990_PHC-P-H</b> Person records	485100	92



**Data file: THA1990\_PHC-H-H**

Household records

Cases: 118

variables: 95

**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	
GQ	GQ	Group quarters (collective dwelling) status	
GQTYPE	GQTYPE	Group quarters type	
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_TH	GEO1_TH	Thailand, Province 1970 - 2000 [Level 1; consistent boundaries, GIS]	
GEO1_TH1990	GEO1_TH1990	Thailand, Province 1990 [Level 1, GIS]	
GEO2_TH	GEO2_TH	Thailand, District 1970 - 2000 [Level 2; consistent boundaries, GIS]	
GEO2_TH1990	GEO2_TH1990	Thailand, District 1990 [Level 2, GIS]	
REGNTH	REGNTH	Thailand, Region	
OWNERSHIP	OWNERSHIP	Ownership of dwelling [general version]	
OWNERSHIPD	OWNERSHIPD	Ownership of dwelling [detailed version]	
LANDOWN	LANDOWN	Land ownership	

ID	Name	Label	Question
ELECTRIC	ELECTRIC	Electricity	
WATSUP	WATSUP	Water supply	
FUELCOOK	FUELCOOK	Cooking fuel	
PHONE	PHONE	Telephone availability	
AUTOS	AUTOS	Automobiles available	
AIRCON	AIRCON	Air conditioning	
WASHER	WASHER	Clothes washing machine	
REFRIG	REFRIG	Refrigerator	
TV	TV	Television set	
VCR	VCR	Videocassette recorder	
RADIO	RADIO	Radio in household	
BEDROOMS	BEDROOMS	Number of bedrooms	
KITCHEN	KITCHEN	Kitchen or cooking facilities	
TOILET	TOILET	Toilet	
WALL	WALL	Wall or building 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	
TH1990A_DWNUM	TH1990A_DWNUM	Dwelling number	
TH1990A_PERN	TH1990A_PERN	Number of persons in household	
TH1990A_FBIG	TH1990A_FBIG	Dwelling created by splitting apart a large dwelling or household	
TH1990A_DONATED	TH1990A_DONATED	Donated dwelling	
TH1990A_D_NUM	TH1990A_D_NUM	Donation strata: strata number	
TH1990A_REGION	TH1990A_REGION	Region	a. Address ____ ____ Region ____ Province ____ District ____ Subdistrict
TH1990A_AREA	TH1990A_AREA	Area	b. This house is in <input type="checkbox"/> 1 Municipal Area Name of M.A. ____ <input type="checkbox"/> 2 Sanitary District Name of S.D. ____ <input type="checkbox"/> 4 Outside M.A. or S.D.

ID	Name	Label	Question
TH1990A_SANAREA	TH1990A_SANAREA	Number of Sanitary Districts in Tambon (Non-Municipal)	<p>b. This house is in</p> <p><input type="checkbox"/> 1 Municipal Area</p> <p>Name of M.A. ____</p> <p><input type="checkbox"/> 2 Sanitary District</p> <p>Name of S.D. ____</p> <p><input type="checkbox"/> 4 Outside M.A. or S.D.</p>
TH1990A_DWTYPE	TH1990A_DWTYPE	Type of living quarter	<p>f. Type of living quarter</p> <p><input type="checkbox"/> 01 Detached house</p> <p><input type="checkbox"/> 02 Town house</p> <p>Apartment, Flat and others</p> <p><input type="checkbox"/> 03 Apartment</p> <p><input type="checkbox"/> 04 Flat</p> <p><input type="checkbox"/> 05 Condominium</p> <p><input type="checkbox"/> 06 Others</p> <p><input type="checkbox"/> 07 Row house</p> <p><input type="checkbox"/> 08 Concrete raw house</p> <p><input type="checkbox"/> 09 Office room</p> <p><input type="checkbox"/> 10 Mobile</p> <p><input type="checkbox"/> 11 Other living quarters</p> <p><input type="checkbox"/> 12 Temple (Wat)</p> <p><input type="checkbox"/> 13 Jail</p> <p><input type="checkbox"/> 14 Welfare lodging</p> <p><input type="checkbox"/> 15 Hospital</p> <p><input type="checkbox"/> 16 Boarding school</p> <p><input type="checkbox"/> 17 Military barrack</p> <p><input type="checkbox"/> 18 Hotel</p> <p><input type="checkbox"/> 19 Boarding house and others</p>
TH1990A_WALLS	TH1990A_WALLS	Wall construction materials	<p>g. Type of construction materials (For type of living quarter appeared in F codes 01-08.)</p> <p><input type="checkbox"/> 1 Concrete or brick</p> <p><input type="checkbox"/> 2 Wood, concrete or brick (mixed)</p> <p><input type="checkbox"/> 3 Wood</p> <p><input type="checkbox"/> 4 Local materials</p> <p><input type="checkbox"/> 5 Reused materials</p>
TH1990A_COLLECT	TH1990A_COLLECT	Type of household	<p>h. Type of household</p> <p><input type="checkbox"/> 1 Private household</p> <p><input type="checkbox"/> 2 Collective household</p>
TH1990A_LANGHH	TH1990A_LANGHH	Language usually spoken in household	<p>k. Language usually spoken in this household</p> <p><input type="checkbox"/> 1 Thai only (skip to Part II)</p> <p><input type="checkbox"/> 2 Thai and other languages; specify other languages ____</p> <p><input type="checkbox"/> 3 Other languages only; specify other languages ____</p>
TH1990A_LANGHHO	TH1990A_LANGHHO	Other languages spoken in household	<p>k. Language usually spoken in this household</p> <p><input type="checkbox"/> 1 Thai only (skip to Part II)</p> <p><input type="checkbox"/> 2 Thai and other languages; specify other languages ____</p> <p><input type="checkbox"/> 3 Other languages only; specify other languages ____</p>

ID	Name	Label	Question
TH1990A_DWTYPE2	TH1990A_DWTYPE2	Type of living quarter for private household	Part III Housing questions (for private household) H1. Type of living quarter <input type="checkbox"/> 01 Detached house <input type="checkbox"/> 02 Town house <input type="checkbox"/> Apartment, flat and others <input type="checkbox"/> 03 Apartment <input type="checkbox"/> 04 Flat <input type="checkbox"/> 05 Condominium <input type="checkbox"/> 06 Others <input type="checkbox"/> 07 Row house <input type="checkbox"/> 08 Concrete row house <input type="checkbox"/> 09 Room <input type="checkbox"/> 10 Office room <input type="checkbox"/> 11 Mobile <input type="checkbox"/> 12 Others
TH1990A_BUSUSE	TH1990A_BUSUSE	Uses of living quarter	Part III Housing questions (for private household) H2. Is this living quarter <input type="checkbox"/> 1 Used for business or commercial purpose <input type="checkbox"/> 2 Do not use for business or commercial purpose
TH1990A_OWNERSHP	TH1990A_OWNERSHP	Tenure of living quarter (excluding land)	Part III Housing questions (for private household) H3. Tenure of living quarter (excluding land) <input type="checkbox"/> 1 Owner (skip to H7) <input type="checkbox"/> 2 Hire purchaser (skip to H7) <input type="checkbox"/> 3 Rent (Ask H4, H5, H6 respectively) <input type="checkbox"/> Rent free because <input type="checkbox"/> 4 Part of salary (skip to H6) <input type="checkbox"/> 5 In-kind (skip to H6)
TH1990A_RENT	TH1990A_RENT	Rent per month	Part III Housing questions (for private household) H3. Tenure of living quarter (excluding land) <input type="checkbox"/> 1 Owner (skip to H7) <input type="checkbox"/> 2 Hire purchaser (skip to H7) <input type="checkbox"/> 3 Rent (Ask H4, H5, H6 respectively) <input type="checkbox"/> Rent free because <input type="checkbox"/> 4 Part of salary (skip to H6) <input type="checkbox"/> 5 In-kind (skip to H6)  H4. (If rent or record code 3 in H3) How much is monthly rent (in baht)? -----
TH1990A_ADVPAY	TH1990A_ADVPAY	Advanced payment	Part III Housing questions (for private household) H3. Tenure of living quarter (excluding land) <input type="checkbox"/> 1 Owner (skip to H7) <input type="checkbox"/> 2 Hire purchaser (skip to H7) <input type="checkbox"/> 3 Rent (Ask H4, H5, H6 respectively) <input type="checkbox"/> Rent free because <input type="checkbox"/> 4 Part of salary (skip to H6) <input type="checkbox"/> 5 In-kind (skip to H6)  H5. (If rent or record code 3 in H3) Is there any advance payment? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No

ID	Name	Label	Question
TH1990A_DWOWNER	TH1990A_DWOWNER	Dwelling owner	<p>Part III Housing questions (for private household)</p> <p>H3. Tenure of living quarter (excluding land)</p> <p><input type="checkbox"/> 1 Owner (skip to H7)</p> <p><input type="checkbox"/> 2 Hire purchaser (skip to H7)</p> <p><input type="checkbox"/> 3 Rent (Ask H4, H5, H6 respectively)</p> <p><input type="checkbox"/> Rent free because</p> <p><input type="checkbox"/> 4 Part of salary (skip to H6)</p> <p><input type="checkbox"/> 5 In-kind (skip to H6)</p> <p>H6. (If rent or rent free, record code 3,4,5 in H3)</p> <p>Who is the owner of this house?</p> <p><input type="checkbox"/> 1 Government property</p> <p><input type="checkbox"/> 2 Religious organization</p> <p><input type="checkbox"/> 3 Government, government enterprise</p> <p><input type="checkbox"/> 4 Private</p> <p><input type="checkbox"/> 5 Others</p>
TH1990A_LANDOWN	TH1990A_LANDOWN	Land ownership	<p>Part III Housing questions (for private household)</p> <p>H3. Tenure of living quarter (excluding land)</p> <p><input type="checkbox"/> 1 Owner (skip to H7)</p> <p><input type="checkbox"/> 2 Hire purchaser (skip to H7)</p> <p><input type="checkbox"/> 3 Rent (Ask H4, H5, H6 respectively)</p> <p><input type="checkbox"/> Rent free because</p> <p><input type="checkbox"/> 4 Part of salary (skip to H6)</p> <p><input type="checkbox"/> 5 In-kind (skip to H6)</p> <p>H7. (If owner or hire purchaser, record code 1,2 in H3)</p> <p>Who owns the land for this household?</p> <p><input type="checkbox"/> 1 Owner</p> <p><input type="checkbox"/> 2 Hire purchaser</p> <p><input type="checkbox"/> 3 Rent</p> <p><input type="checkbox"/> 4 Rent free</p> <p><input type="checkbox"/> 5 Others</p>
TH1990A_LANDOWNR	TH1990A_LANDOWNR	Owner of land	<p>Part III Housing questions (for private household)</p> <p>H3. Tenure of living quarter (excluding land)</p> <p><input type="checkbox"/> 1 Owner (skip to H7)</p> <p><input type="checkbox"/> 2 Hire purchaser (skip to H7)</p> <p><input type="checkbox"/> 3 Rent (Ask H4, H5, H6 respectively)</p> <p><input type="checkbox"/> Rent free because</p> <p><input type="checkbox"/> 4 Part of salary (skip to H6)</p> <p><input type="checkbox"/> 5 In-kind (skip to H6)</p> <p>H8. (If rent or rent free, record 3,4,5 in H7)</p> <p>Who's the owner of the land?</p> <p><input type="checkbox"/> 1 Government property</p> <p><input type="checkbox"/> 2 Religious organization</p> <p><input type="checkbox"/> 3 Government, government enterprise</p> <p><input type="checkbox"/> 4 Private</p> <p><input type="checkbox"/> 5 Others</p>

ID	Name	Label	Question
TH1990A_BEDROOMS	TH1990A_BEDROOMS	Number of bedrooms	Part III Housing questions (for private household) H9. Numbers of rooms used for sleeping Number of bedrooms __ Number of other rooms used for sleeping __
TH1990A_OTHROOMS	TH1990A_OTHROOMS	Number of other rooms	Part III Housing questions (for private household) H9. Numbers of rooms used for sleeping Number of bedrooms __ Number of other rooms used for sleeping __
TH1990A_WATER	TH1990A_WATER	Type of drinking water	Part III Housing questions (for private household) H10. What kind of drinking water is used in this household? [] 1 Piped water, inside [] 2 Piped water, outside [] 3 Public well [] 4 Private well [] 5 Rain water [] 6 River, canal, stream, waterfall [] 7 Bottled drinking [] 8 Others
TH1990A_WATSUP	TH1990A_WATSUP	Type of water supply (major use)	Part III Housing questions (for private household) H11. What kind of water is used in this household? If use only one source, recode 'code' in the first and '0' in the second) Major use  [] 1 Piped water, inside [] 2 Piped water, outside [] 3 Public well [] 4 Private well [] 5 Rain water [] 6 River, canal, stream, waterfall [] 7 Others  Minor use  [] 1 Piped water, inside [] 2 Piped water, outside [] 3 Public well [] 4 Private well [] 5 Rain water [] 6 River, canal, stream, waterfall [] 7 Others

ID	Name	Label	Question
TH1990A_WATSUP2	TH1990A_WATSUP2	Type of water supply (minor use)	<p>Part III Housing questions (for private household) H11. What kind of water is used in this household? If use only one source, recode 'code' in the first and '0' in the second)</p> <p>Major use</p> <p><input type="checkbox"/> 1 Piped water, inside  <input type="checkbox"/> 2 Piped water, outside  <input type="checkbox"/> 3 Public well  <input type="checkbox"/> 4 Private well  <input type="checkbox"/> 5 Rain water  <input type="checkbox"/> 6 River, canal, stream, waterfall  <input type="checkbox"/> 7 Others</p> <p>Minor use</p> <p><input type="checkbox"/> 1 Piped water, inside  <input type="checkbox"/> 2 Piped water, outside  <input type="checkbox"/> 3 Public well  <input type="checkbox"/> 4 Private well  <input type="checkbox"/> 5 Rain water  <input type="checkbox"/> 6 River, canal, stream, waterfall  <input type="checkbox"/> 7 Others</p>
TH1990A_LIGHTING	TH1990A_LIGHTING	Type of lighting	<p>Part III Housing questions (for private household) H12. What kind of light is used in this household?</p> <p><input type="checkbox"/> 1 Electricity  <input type="checkbox"/> 2 Pressure lamp  <input type="checkbox"/> 3 Oil lamp  <input type="checkbox"/> 4 Others</p>
TH1990A_TOILET	TH1990A_TOILET	Type of toilet	<p>Part III Housing questions (for private household) H13. What kind of toilet is used in this household?</p> <p>Flush</p> <p><input type="checkbox"/> 1 Exclusive  <input type="checkbox"/> 2 Shared</p> <p>Moulded bucket latrine</p> <p><input type="checkbox"/> 3 Exclusive  <input type="checkbox"/> 4 Shared</p> <p>Flush and moulded bucket latrine</p> <p><input type="checkbox"/> 5 Exclusive  <input type="checkbox"/> 6 Shared</p> <p><input type="checkbox"/> 7 Pit others  <input type="checkbox"/> 8 None</p>

ID	Name	Label	Question
TH1990A_KITCHEN	TH1990A_KITCHEN	Location of kitchen	<p>Part III Housing questions (for private household) H14. Where [place] does the household cook? Kitchen</p> <p><input type="checkbox"/> 1 Exclusive <input type="checkbox"/> 2 Shared</p> <p><input type="checkbox"/> 3 Terrace, Veranda <input type="checkbox"/> 4 Others <input type="checkbox"/> 5 Not cooking (skip to H16)</p>
TH1990A_FUELCK	TH1990A_FUELCK	Type of cooking fuel (major use)	<p>Part III Housing questions (for private household) H15. What kind of cooking fuel is used in this household? If use only one kind, recode 'code' in the first and '0' in the second)</p> <p>Major use</p> <p><input type="checkbox"/> 1 Charcoal <input type="checkbox"/> 2 Wood <input type="checkbox"/> 3 Gas <input type="checkbox"/> 4 Electricity <input type="checkbox"/> 5 Kerosene <input type="checkbox"/> 6 Others</p> <p>Minor use</p> <p><input type="checkbox"/> 1 Charcoal <input type="checkbox"/> 2 Wood <input type="checkbox"/> 3 Gas <input type="checkbox"/> 4 Electricity <input type="checkbox"/> 5 Kerosene <input type="checkbox"/> 6 Others</p>
TH1990A_FUELCK2	TH1990A_FUELCK2	Type of cooking fuel (minor use)	<p>Part III Housing questions (for private household) H15. What kind of cooking fuel is used in this household? If use only one kind, recode 'code' in the first and '0' in the second)</p> <p>Major use</p> <p><input type="checkbox"/> 1 Charcoal <input type="checkbox"/> 2 Wood <input type="checkbox"/> 3 Gas <input type="checkbox"/> 4 Electricity <input type="checkbox"/> 5 Kerosene <input type="checkbox"/> 6 Others</p> <p>Minor use</p> <p><input type="checkbox"/> 1 Charcoal <input type="checkbox"/> 2 Wood <input type="checkbox"/> 3 Gas <input type="checkbox"/> 4 Electricity <input type="checkbox"/> 5 Kerosene <input type="checkbox"/> 6 Others</p>

ID	Name	Label	Question
TH1990A_RADIO	TH1990A_RADIO	Radio	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_TVCOLOR	TH1990A_TVCOLOR	Color television	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_TV BW	TH1990A_TV BW	Black and white television	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_VCR	TH1990A_VCR	Video tape appliance	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_IRON	TH1990A_IRON	Electric iron	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_COOKER	TH1990A_COOKER	Electric rice cooker	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_FAN	TH1990A_FAN	Electric fan	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_SEWMACH	TH1990A_SEWMACH	Sewing machine	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_VACUUM	TH1990A_VACUUM	Vacuum cleaner	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_FRIDGE	TH1990A_FRIDGE	Refrigerator	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_WASHER	TH1990A_WASHER	Washing machine	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_AIRCOND	TH1990A_AIRCOND	Air conditioner	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_PHONE	TH1990A_PHONE	Telephone	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_BIKE	TH1990A_BIKE	Bicycle	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_MOTO	TH1990A_MOTO	Motorcycle	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_CAR	TH1990A_CAR	Car	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_BOAT	TH1990A_BOAT	Engine operated boats	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_PUMP	TH1990A_PUMP	Water pumps	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>

ID	Name	Label	Question
TH1990A_PLOW	TH1990A_PLOW	Plough machine	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_TRUCK	TH1990A_TRUCK	Local farm truck	<p>Part III Housing questions (for private household)  H16. Household appliance (on April 1, 1990)  Does this household have any of these appliances?  Record number in the _ [blank space]. If no record '0'.</p> <p><input type="checkbox"/> Radio __  <input type="checkbox"/> Color-television __  <input type="checkbox"/> Black and white television __  <input type="checkbox"/> Video-tape __  <input type="checkbox"/> Electric iron __  <input type="checkbox"/> Electric rice cooking __  <input type="checkbox"/> Electric-fan __  <input type="checkbox"/> Sewing machine __  <input type="checkbox"/> Vacuum cleaner __  <input type="checkbox"/> Refrigerator __  <input type="checkbox"/> Washing machine __  <input type="checkbox"/> Air-conditioner __  <input type="checkbox"/> Telephone __  <input type="checkbox"/> Bicycle __  <input type="checkbox"/> Motorcycle __  <input type="checkbox"/> Car __  <input type="checkbox"/> Engine operated boats __  <input type="checkbox"/> Water pumps __  <input type="checkbox"/> Plough machine __  <input type="checkbox"/> Local farm truck __</p>
TH1990A_HHWT	TH1990A_HHWT	Weight	

total: 100

**Data file: THA1990\_PHC-P-H**

Person records

Cases: 485100

variables: 92

**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]	
BIRTHYR	BIRTHYR	Year of birth	
BIRTHMO	BIRTHMO	Month of birth	
CHBORN	CHBORN	Children ever born	
CHSURV	CHSURV	Children surviving	
CHDEAD	CHDEAD	Number of children dead	
HOMECHILD	HOMECHILD	Number of own children in household	

ID	Name	Label	Question
AWAYCHILD	AWAYCHILD	Number of own children living elsewhere	
NATIVITY	NATIVITY	Nativity status	
BPLCOUNTRY	BPLCOUNTRY	Country of birth	
BPLTH	BPLTH	Province of birth, Thailand	
RELIGION	RELIGION	Religion [general version]	
RELIGIOND	RELIGIOND	Religion [detailed version]	
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	
EDUCTH	EDUCTH	Educational attainment, Thailand	
OCCISCO	OCCISCO	Occupation, ISCO general	
OCC	OCC	Occupation, unrecoded	
INDGEN	INDGEN	Industry, general recode	
IND	IND	Industry, unrecoded	
CLASSWK	CLASSWK	Status in employment (class of worker) [general version]	
CLASSWKD	CLASSWKD	Status in employment (class of worker) [detailed version]	
MIGRATEP	MIGRATEP	Migration status, previous residence	
MIGCTryp	MIGCTryp	Country of previous residence	
GEOMIG1_P	GEOMIG1_P	1st subnational geographic level of previous residence, world [consistent boundaries over time]	
MIGYRS1	MIGYRS1	Years residing in current locality	
MIGCAUSE	MIGCAUSE	Reason for migration	
MIG1_P_TH	MIG1_P_TH	Province of previous residence, Thailand; consistent boundaries, GIS	
DISABLED	DISABLED	Disability status	
DISEMP	DISEMP	Employment disability	
DISBLND	DISBLND	Blind or vision-impaired	
DISDEAF	DISDEAF	Deaf or hearing-impaired	
DISMUTE	DISMUTE	Mute or speech impaired	
DISMNTL	DISMNTL	Mental disability	
DISPSYC	DISPSYC	Psychological disability	
TH1990A_PERNUM	TH1990A_PERNUM	Person number (within household)	

ID	Name	Label	Question
TH1990A_RELATE	TH1990A_RELATE	Relationship to head of household	<p>[Questions S1- S6 were asked of every person.] S3. What's [respondent's] relationship to head of household? Record relationship in the following order, head, wife/husband, children (unmarried), children (married and spouse), grand children, parents, other relatives, non-relative/servants</p> <p><input type="checkbox"/> 01 Head <input type="checkbox"/> 02 Spouse <input type="checkbox"/> 03 Children <input type="checkbox"/> 04 Step-children <input type="checkbox"/> 05 Adopted children <input type="checkbox"/> 06 Son- or daughter-in-law <input type="checkbox"/> 07 Grand children <input type="checkbox"/> 08 Parents, parents-in-law <input type="checkbox"/> 09 Grandparents <input type="checkbox"/> 10 Other relatives <input type="checkbox"/> 11 Non-relatives <input type="checkbox"/> 12 Servants</p>
TH1990A_SEX	TH1990A_SEX	Sex	<p>[Questions S1- S6 were asked of every person.] S4. Sex <input type="checkbox"/> 1 Male <input type="checkbox"/> 2 Female</p>
TH1990A_BIRTHMO	TH1990A_BIRTHMO	Month of Birth	<p>[Questions S1- S6 were asked of every person.] S5. What's [respondent's] month and year of birth? Record month and year of birth.</p> <p>Month __ Year ____</p>
TH1990A_BIRTHYR	TH1990A_BIRTHYR	Year of Birth	<p>[Questions S1- S6 were asked of every person.] S5. What's [respondent's] month and year of birth? Record month and year of birth.</p> <p>Month __ Year ____</p>
TH1990A_AGER	TH1990A_AGER	Age, reported	<p>[Questions S1- S6 were asked of every person.] S6. Age __</p> <p>Record age as of last birthday prior to 1 April 1990. If age less than 1 year, record "00".</p>
TH1990A_EDATTAIN	TH1990A_EDATTAIN	Highest grade completed	<p>[Ask only person 5 years and over.] S7. Highest Level of school attainment</p> <p>What's [respondent's] highest level of school attainment? ____</p> <p>Record the highest level of education lastly completed as of 1 January 1990. If never attended school, record "never".</p>

ID	Name	Label	Question
TH1990A_MARST	TH1990A_MARST	Marital status	[Questions S8- S11 were asked of persons 13 and older or were born before and in the year 1977] S8. What's [respondent's] marital status? (on April 1,1990) [ ] 1 Single [ ] 2 Married [ ] 3 Widowed [ ] 4 Divorced [ ] 5 Separated [ ] 6 Married, do not know status [ ] 7 Priest, monk, novices
TH1990A_OCC3	TH1990A_OCC3	Occupation last year	[Questions S8- S11 were asked of persons 13 and older or were born before and in the year 1977] S9. Last year occupation What job did [respondent] spend most of the time working on during last year? (1 April 1989 to 31 March 1990) ____ Record job explicitly. For example: rice farming, vegetable farming, barber, statistician, accountant. If did not work, record "did not work" and do not ask S10, S11.
TH1990A_IND3	TH1990A_IND3	Principal industry last year, 3 digits	[Questions S10-S11 were asked of persons age 13+ who were working, as per question S9.] S10. Kind of Industry What kind of industry, business or service job? ____ Record characteristic of business/service. For example: farming, aerated water factory, government school, retail electric store
TH1990A_CLASSWK	TH1990A_CLASSWK	Work status	[Questions S10-S11 were asked of persons age 13+ who were working, as per question S9.] S11. Work Status What's [respondent's] work status? [ ] 1 Employer [ ] 2 Self-employed/own-account worker Government employee  [ ] 3 Officer [ ] 4 Employee  [ ] 5 Government enterprise employee [ ] 6 Private employee [ ] 7 Unpaid family worker
TH1990A_MOMLOC	TH1990A_MOMLOC	Line number of mother	L12. Mother line number (Private household only) __ Does (name)'s mother live in this household? Record last two digit of mother line number in S1 __ If mother does not live in this household record 95

ID	Name	Label	Question
TH1990A_RELIG	TH1990A_RELIG	Religion	L13. Religion What's (name) religion? <input type="checkbox"/> 1 Buddhism <input type="checkbox"/> 2 Islam <input type="checkbox"/> 3 Christ <input type="checkbox"/> 4 Hindu <input type="checkbox"/> 5 Confucius <input type="checkbox"/> 6 Others <input type="checkbox"/> 7 Non-religion
TH1990A_BPL	TH1990A_BPL	Province or country of birth	L14. Place of birth Where was (name) born? ____ Record name of Changwat. If born outside Thailand, record name of country.
TH1990A_DURRES	TH1990A_DURRES	Length of residence	L15. Duration of present residence How many years has (name) been living in this village/municipal area? __ Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.
TH1990A_PREVPROV	TH1990A_PREVPROV	Previous province or country of residence	L15. Duration of present residence How many years has (name) been living in this village/municipal area? __ Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.  Migration Status  Ask only persons who record 0-4 year and less than 5 years in L15. L16. Previous place of residence What was the previous Changwat (name) moved from? If moved from other changwat, write Changwat name. If moved within Changwat write Amphoe name. If moved from other country write country name. For children age 0-4 year living here since birth, record "Did not move".
TH1990A_PREVURB	TH1990A_PREVURB	Place of previous residence-rural/urban	L15. Duration of present residence How many years has (name) been living in this village/municipal area? __ Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.  Migration Status  Ask only persons who record 0-4 year and less than 5 years in L15. L17. Did (name) move from village or municipal area? Only persons who migrated within Thailand  <input type="checkbox"/> 1 Village <input type="checkbox"/> 2 Municipality

ID	Name	Label	Question
TH1990A_MIGREAS	TH1990A_MIGREAS	Reason for moving	<p>L15. Duration of present residence How many years has (name) been living in this village/municipal area? __ Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.</p> <p>Migration Status</p> <p>Ask only persons who record 0-4 year and less than 5 years in L15.</p> <p>L18. Reason for moving Why did (name) move?  <input type="checkbox"/> To study  <input type="checkbox"/> Moved with spouse  <input type="checkbox"/> Moved with head of household  <input type="checkbox"/> Looking for job  <input type="checkbox"/> Job transfer  <input type="checkbox"/> Return home  <input type="checkbox"/> Vacation  <input type="checkbox"/> Marriage  <input type="checkbox"/> Priesthood, etc.</p>
TH1990A_GRADEATT	TH1990A_GRADEATT	School attendance	<p>L19. School Attendance Is (name) attending a school or any other educational institution (as of January 1990)? Ask only persons age 5-30 years</p> <p>Record level __ If never attending school, record 'never'.</p>
TH1990A_LIT	TH1990A_LIT	Literacy	<p>L20. Literacy Can (name) read and write any language? Ask only persons 5 years and over</p> <p>If can read/write more than one language, record code of language that the person can read/write most.</p> <p> <input type="checkbox"/> 0 Illiterate  <input type="checkbox"/> 1 Thai  <input type="checkbox"/> 2 Chinese  <input type="checkbox"/> 3 Malaysian, Yawee  <input type="checkbox"/> 4 English  <input type="checkbox"/> 5 Others </p>
TH1990A_CHILDHH	TH1990A_CHILDHH	Number of children living in household	<p>Children ever born (excluding step child and adopted child) For ever married women (codes codes 2-6 in S8)</p> <p>L21. Number of children ever born living in this household How many children ever born does (name) have and live in this household? __ If none, record '00'.</p>
TH1990A_CHILDAWY	TH1990A_CHILDAWY	Number of children living elsewhere	<p>Children ever born (excluding step child and adopted child) For ever married women (codes codes 2-6 in S8)</p> <p>L22. Number of children ever born living outside household How many children still living outside household does (name) have? If none record '00'.</p>

ID	Name	Label	Question
TH1990A_CHDEAD	TH1990A_CHDEAD	Number of children who died	<p>Children ever born (excluding step child and adopted child) For ever married women (codes codes 2-6 in S8) L23. Number of children ever born who have died How many children ever born who have died does (name) have? If none record '00'.</p>
TH1990A_CONTRA	TH1990A_CONTRA	Contraception method	<p>L24. Contraception Does (name) or husband practicing any kind of contraception? Ask only married women (record code 2 in S8 and age less than 50 years)</p> <p><input type="checkbox"/> 0 Not practice <input type="checkbox"/> 1 Oral pills <input type="checkbox"/> 2 IUD <input type="checkbox"/> 3 Injection <input type="checkbox"/> 4 Female sterilization <input type="checkbox"/> 5 Male sterilization <input type="checkbox"/> 6 Condom <input type="checkbox"/> 7 Norplant <input type="checkbox"/> 8 Others and unknown method</p>
TH1990A_OCCWK3	TH1990A_OCCWK3	Principal occupation last week, 3 digits	<p>L25. Last week occupation During March 25-31 1990, what job did (name) spend most of the time working on? Ask only persons age 13 years and over or persons born before 1977</p> <p>Example; typist, accountant, teacher, farmer, etc. and skip to L27. If did not work, enter 'not work'.</p>
TH1990A_REASWORK	TH1990A_REASWORK	Reason for not working	<p>L25. Last week occupation During March 25-31 1990, what job did (name) spend most of the time working on? Ask only persons age 13 years and over or persons born before 1977</p> <p>Example; typist, accountant, teacher, farmer, etc. and skip to L27. If did not work, enter 'not work'.</p> <p>L26. Reason for not working Why (name) did not work? Ask only persons age 13 years and over or persons born before 1977</p> <p>Example: looking for work, waiting for farm season, study, home worker, aged, young, ill, disable, pensioner, millionaire, priest, etc.</p>
TH1990A_DISABLE	TH1990A_DISABLE	Disability	<p>L27. Disability Is (name) disable? <input type="checkbox"/> 0 Not disabled <input type="checkbox"/> 1 Blind <input type="checkbox"/> 2 Deaf <input type="checkbox"/> 3 Dumb <input type="checkbox"/> 4 Armless, legless <input type="checkbox"/> 5 Mentally retarded <input type="checkbox"/> 6 Insanity <input type="checkbox"/> 7 Paralyzed <input type="checkbox"/> 8 Others (specify) ____</p>

ID	Name	Label	Question
TH1990A_AGE	TH1990A_AGE	Age	[Questions S1- S6 were asked of every person.] S6. Age __  Record age as of last birthday prior to 1 April 1990. If age less than 1 year, record "00".
TH1990A_CHBORN	TH1990A_CHBORN	Number of children ever born	Children ever born (excluding step child and adopted child) For ever married women (codes codes 2-6 in S8) L21. Number of children ever born living in this household How many children ever born does (name) have and live in this household? __ If none, record '00'.  L22. Number of children ever born living outside household How many children still living outside household does (name) have? If none record '00'.  L23. Number of children ever born who have died How many children ever born who have died does (name) have? If none record '00'.
TH1990A_CHSURV	TH1990A_CHSURV	Number of children surviving	Children ever born (excluding step child and adopted child) For ever married women (codes codes 2-6 in S8) L21. Number of children ever born living in this household How many children ever born does (name) have and live in this household? __ If none, record '00'.  L22. Number of children ever born living outside household How many children still living outside household does (name) have? If none record '00'.  L23. Number of children ever born who have died How many children ever born who have died does (name) have? If none record '00'.
TH1990A_PERWT	TH1990A_PERWT	Person weight	

total: 92



**COUNTRY: Country****Data file: THA1990\_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

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CONCEPT

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### **GQ: Group quarters (collective dwelling) status**

**Data file:** THA1990\_PHC-H-H

#### **Overview**

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

#### **Questions and instructions**

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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

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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

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CONCEPT

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### **GQTYPE: Group quarters type**

**Data file:** THA1990\_PHC-H-H

## Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
100	Institutional
110	Prisons, reformatories, or correctional institutions
120	Hospital, nursing home, hospice, or institutions for persons with disabilities
121	Institutions for persons with disabilities
122	Sanatorium or mental institutions
130	Homes for the elderly or orphanage
131	Retirement home
132	Orphanage, children's home
140	Shelter for homeless, youth, or others
150	Military or police institution
160	Boarding school or student housing
170	Religious institution, monastery, seminary, or convent
199	Other institutional n.e.c.
200	Non-institutional
210	Camps (refugees, workers, or others)
220	Hotel, pension, lodging, or boarding house
230	Floating population
299	Other non-institutional n.e.c.
300	Other group quarters
399	1-person unit created by splitting large household
998	Unknown
999	NIU (not in universe)

## description

### DEFINITION

GQTYPE identifies the type of group quarters -- collective dwellings -- which are broadly classified into institutional and non-institutional types.

Institutions are a place of residence where people are subject to a common authority or bound by a common objective or personal interest. The definition encompasses correctional facilities, health institutions, retirement homes, orphanages, shelters (social welfare institutions), military or police establishments, boarding schools, and religious group dwellings.

Non-institutional group quarters comprise refugee and workers' camps (temporary accommodation), hotels, pensions, and all types of boarding or lodging houses. The "floating population" is included as a category within the non-institutional group quarters, when identified by the corresponding sample. This group refers to outdoor sleepers, homeless persons, travelers, and persons in ships, boats, or other mobile dwellings.

A more general classification of households between private and group quarters is available in GQ.

## concept

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CONCEPT

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### ■ HHWT: Household weight

**Data file:** THA1990\_PHC-H-H

#### Overview

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

#### description

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##### 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

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CONCEPT

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#### Imputation and derivation

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##### DERIVATION

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

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### ■ PERSONS: Number of person records in the household

**Data file:** THA1990\_PHC-H-H

#### Overview

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

#### description

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##### 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:** THA1990\_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:** THA1990\_PHC-H-H**Overview**

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

## Questions and instructions

### CATEGORIES

<b>Value</b>	<b>Category</b>
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: THA1990\_PHC-H-H**

## Overview

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

## description

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### 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

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### CONCEPT

## Imputation and derivation

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### 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.

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## **SUBSAMP: Subsample number**

**Data file: THA1990\_PHC-H-H**

## Overview

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

## Questions and instructions

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### 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

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### 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

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### CONCEPT

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#### **YEAR: Year**

**Data file: THA1990\_PHC-H-H**

#### **Overview**

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

#### **Questions and instructions**

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## CATEGORIES

<b>Value</b>	<b>Category</b>
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

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### 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

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### CONCEPT

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## AREAMOLLWGEO1: Area of GEOLEV1 unit in square kilometers

**Data file:** THA1990\_PHC-H-H

### Overview

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

## description

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### DEFINITION

AREAMOLLWGEO1 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

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### CONCEPT

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## Imputation and derivation

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### DERIVATION

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

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**AREAMOLLWGE02: Area of GEOLEV2 unit in square kilometers****Data file:** THA1990\_PHC-H-H**Overview**

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

**description**

## DEFINITION

AREAMOLLWGE02 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

AREAMOLLWGE02 is a 10-digit string variable listing the area in square kilometers.

**GEO1\_TH: Thailand, Province 1970 - 2000 [Level 1; consistent boundaries, GIS]****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
764010	Bangkok
764011	Samut Prakan
764012	Nonthaburi
764013	Pathum Thani
764014	Phra Nakhon Si Ayutthaya
764015	Ang Thong
764016	Lop Buri
764017	Sing Buri
764018	Chai Nat

764019	Sa Kaeo, Prachin Buri
764020	Chon Buri
764021	Rayong
764022	Chanthaburi
764023	Trat
764024	Chachoengsao
764026	Nakhon Nayok
764027	Saraburi
764030	Nakhon Ratchasima
764031	Buri Ram
764032	Surin
764033	Si Sa Ket
764034	Ubon Ratchathani, Yasothon, Amnat Charoen
764036	Chaiyaphum
764039	Nong Bua Lam Phu, Udon Thani
764040	Khon Kaen
764042	Loei
764043	Nong Khai
764044	Maha Sarakham
764045	Roi Et
764046	Kalasin
764047	Sakon Nakhon
764048	Nakhon Phanom, Mukdahan
764050	Chiang Mai
764051	Lamphun
764052	Lampang
764053	Uttaradit
764054	Phrae
764055	Nan
764057	Phayao, Chiang Rai
764058	Mae Hong Son
764060	Nakhon Sawan
764061	Uthai Thani
764062	Kamphaeng Phet
764063	Tak
764064	Sukhothai
764065	Phitsanulok
764066	Phichit
764067	Phetchabun

764070	Ratchaburi
764071	Kanchanaburi
764072	Suphanburi
764073	Nakhon Pathom
764074	Samut Sakhon
764075	Samut Songkhram
764076	Phetchaburi
764077	Prachuap Khiri Khan
764080	Nakhon Si Thammarat
764082	Phangnga
764083	Phuket
764084	Krabi, Surat Thani
764086	Ranong, Chumphon
764090	Songkhla
764091	Satun
764092	Trang
764093	Phatthalung
764094	Pattani
764095	Yala
764096	Narathiwat

## description

### DEFINITION

GEO1\_TH identifies the household's province within Thailand in all sample years.

Provinces are the first level administrative units of the country. GEO1\_TH 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\_TH can be downloaded from the GIS Boundary Files page in the IPUMS International web site.

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

## concept

### CONCEPT

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

**Data file: THA1990\_PHC-H-H**

### Overview

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

## description

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### 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

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### CONCEPT

## Imputation and derivation

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### 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.

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

**Data file: THA1990\_PHC-H-H**

### Overview

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

## description

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### 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

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### CONCEPT

## Imputation and derivation

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### 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:** THA1990\_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:** THA1990\_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

POPDSNGEO2 is a 12-digit string variable listing the population density in persons per square kilometer.

### REGIONW: Continent and region of country

Data file: THA1990\_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**

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## DEFINITION

REGIONW identifies the continent and region of each country.

**concept**

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CONCEPT

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**UNREL: Number of unrelated persons**

Data file: THA1990\_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**

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## DEFINITION

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

**concept**

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CONCEPT

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**URBAN: Urban-rural status**

Data file: THA1990\_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

**ELECTRIC: Electricity**

Data file: THA1990\_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:** THA1990\_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\_TH1990: Thailand, Province 1990 [Level 1, GIS]

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
001	Bangkok Metropolis
002	Krabi
003	Kanchanaburi
004	Kalasin
005	Kamphaeng Phet

006	Khon Kaen
007	Chanthaburi
008	Chachoengsao
009	Chon Buri
010	Chainat
011	Chaiyaphum
012	Chumphon
013	Chiang Rai
014	Chiang Mai
015	Trang
016	Trat
017	Tak
018	Nakhon Nayok
019	Nakhon Pathom
020	Nakhon Phanom
021	Nakhon Ratchasima
022	Nakhon Si Thammarat
023	Nakhon Sawan
024	Nonthaburi
025	Narathiwat
026	Nan
027	Buri Ram
028	Pathum Thani
029	Prachuap Khiri Khan
030	Prachin Buri
031	Pattani
032	Ayutthaya
033	Phayao
034	Phang Nga
035	Phatthalung
036	Phichit
037	Phitsanulok
038	Petchaburi
039	Petchabun
040	Phrae
041	Phuket
042	Maha Sarakam
043	Mukdahan
044	Mae Hong Son

045	Yasothon
046	Yala
047	Roi Et
048	Ranong
049	Rayong
050	Ratchaburi
051	Lop Buri
052	Lampang
053	Lamphun
054	Loei
055	Si Sa Ket
056	Sakon Nakhon
057	Songkhla
058	Satun
059	Samut Prakan
060	Samut Songkhram
061	Samut Sakhon
062	Saraburi
063	Sing Buri
064	Sukhothai
065	Suphan Buri
066	Surat Thani
067	Surin
068	Nong Khai
069	Angthong
070	Udon Thani
071	Uttaradit
072	Uthai Thani
073	Ubon Ratchathani

## description

### DEFINITION

GEO1\_TH1990 identifies the household's province within Thailand in 1990. Provinces are the first level administrative units of the country. A GIS map (in shapefile format), corresponding to GEO1\_TH1990 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

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

**concept**

## CONCEPT

**GEO2\_TH: Thailand, District 1970 - 2000 [Level 2; consistent boundaries, GIS]****Data file: THA1990\_PHC-H-H****Overview**

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

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
764010001	Phra Nakhon
764010002	Dusit
764010003	Nong Chok
764010004	Bang Rak
764010005	Sai Mai, Bang Khen
764010006	Suan Luang, Saphan Sung, Bang Kapi, Bung Kum, Khan Na Yao, Lat Phrao, Prawet, Wang Thonglang
764010007	Pathum Wan
764010008	Pom Pram Sattru
764010009	Bang Na, Prakanong
764010010	Khlong Sam Wa, Min Buri
764010011	Lat Krabang
764010012	Yannawa
764010013	Samphantawong
764010014	Din Dang, Huai Kwang, Phaya Thai
764010015	Thon Buri
764010016	Bangkok Yai
764010017	Khlong San
764010018	Taling Chan, Thawi Wattana
764010019	Bangkok Noi
764010020	Bang Bon, Bangkhuntien, Chom Thong
764010021	Bang Khae, Phasi Charoen
764010022	Nongkheam
764010023	Rat Burana, Thungkru
764010024	Bang Plad
764010025	Sathorn

764010026	Bang Su
764010027	Chatuchak
764010028	Bang Kho Laem
764010029	Khlong Toey, Wattana
764010030	Don Muang, Lak Si
764010031	Ratchathewi
764011001	Mueang Samut Prakan
764011002	Bang Bo
764011003	Bang Phli, Bang Sao Thong
764011004	Phra Pradaeng
764011005	Phra Samut Chedi
764012001	Mueang Nonthaburi
764012002	Bang Kruai
764012003	Bang Yai
764012004	Bang Bua Thong
764012005	Sai Noi
764012006	Pak Kret
764013001	Mueang Pathum Thani
764013002	Khlong Luang
764013003	Thanyaburi
764013004	Nong Suea
764013005	Lat Lum Kaeo
764013006	Lum Luk Ka
764013007	Sam Khok
764014001	Phra Nakhon Si Ayutthaya
764014002	Tha Ruea, Nakhon Luang
764014004	Bang Srai
764014005	Bang Ban
764014006	Bang Pa-in
764014007	Bang Pahan
764014008	Phak Hai
764014009	Phachi
764014010	Lat Bua Luang
764014011	Wang Noi
764014012	Sena
764014013	Bang Sai
764014014	Uthai
764014015	Maha Rhat
764014016	Ban Phreak

764015001	Mueang Ang Thong
764015002	Chaiyo
764015003	Pa Mok
764015004	Pho Thong, Sawaeng Ha
764015006	Wiset Chai Chan
764015007	Sam Ko
764016001	Mueang Lop Buri
764016002	Phatthana Nikhom
764016003	Khok Samrong, Nong Muang
764016004	Chai Badan
764016005	Tha Wung
764016006	Ban Mi
764016007	Tha Luang
764016008	Sa Bot
764016009	Khok Charoen
764016010	Lam Sonthi
764017001	Mueang Sing Buri
764017002	Bang Rachan
764017003	Khai Bang Rachan
764017004	Phrom Buri
764017005	Tha Chang
764017006	In Buri
764018001	Mueang Chai Nat
764018002	Manorom
764018003	Nong Mamong, Wat Sing
764018004	Sapphaya
764018005	Sankhaburi
764018006	Hankha, Noen Kham
764019001	Mueang Prachinburi
764019002	Kabin Buri
764019003	Na Di
764019004	Ban Sang
764019005	Prachantakham
764019006	Si Maha Phot
764019007	Si Mahosot
764019008	Khao Chakan, Mueang Sa Kaeo
764019009	Khlong Hat
764019010	Khok Sung, Ta Phraya
764019011	Wang Sombun, Wang Nam Yen

764019012	Watthana Nakhon
764019013	Aranyaprathet
764020001	Mueang Chon Buri
764020002	Ban Bueng
764020003	Nong Yai
764020004	Bang Lamung
764020005	Phan Thong
764020006	Ko Chan, Phanat Nikhom
764020007	Si Racha
764020008	Ko Sichang
764020009	Sattahip
764020010	Bo Thong
764021001	Mueang Rayong
764021002	Ban Chang
764021003	Khao Chamao, Klaeng
764021004	Wang Chan
764021005	Ban Khai, Nikhom Phatthana
764021006	Pluak Daeng
764022001	Mueang Chanthaburi
764022002	Khlung
764022003	Na Yai Am, Kaeng Hang Maeo, Tha Mai
764022004	Pong Nam Rom
764022005	Khao Khitchakut, Makham
764022006	Laem Sing
764022007	Soi Dao
764023001	Mueang Trat
764023002	Khlong Yai
764023003	Khao Saming
764023004	Bo Rai
764023005	Ko Chang, Ko Kut, Laem Ngop
764024001	Mueang Chachoengsao
764024002	Bang Khla, Khlong Khuean
764024003	Bang Nam Prio
764024004	Bang Pakong
764024005	Ban Pho
764024006	Phanom Sarakham
764024007	Ratchasan
764024008	Sanam Chai Khet, Tha Takiap
764024009	Plaeng Yao

764026001	Mueang Nakhon Nayok
764026002	Pak Phli
764026003	Ban Na
764026004	Ongkharak
764027001	Chaloem Phra Kiat, Mueang Saraburi
764027002	Kaeng Khoi
764027003	Nong Khae, Wihan Daeng
764027004	Nong Saeng, Sao Hai
764027005	Bon Mo
764027006	Don Phut
764027007	Nong Don
764027008	Phra Phutthabat
764027010	Muak Lek, Wang Muang
764030001	Mueang Nakhon Ratchasima
764030002	Khon Buri
764030003	Nong Bun Mak, Seong Sang
764030004	Khong
764030005	Ban Lueam
764030006	Chakkarat, Chaloen Phra Kiat
764030007	Chok Chai
764030008	Dan Khun Thot, Thepharak, Kham Thale So
764030009	Phra Thong Kham, Non Thai
764030010	Non Sung
764030011	Kham Sakaesaeng
764030012	Bua Yai, Bua Lai, Sida, Kaeng Sanam Nang
764030013	Prathai
764030014	Wang Nam Khiao, Pak Thong Chai
764030015	Phimai
764030016	Huai Thalaeng
764030017	Chum Phuang, Lam Thamenchai, Mueang Yang
764030018	Sung Noen
764030019	Sikhio
764030020	Pak Chong
764030021	Non Daeng
764031001	Huai Rat, Ban Dan, Mueang Buri Ram
764031002	Khu Mueang
764031003	Krasang
764031004	Chaloem Phra Kiat, Chamni, Lahan Sai, Nang Rong, Non Din Daeng, Non Suwan, Pakham
764031005	Nong Ki

764031006	Prakhon Chai
764031007	Ban Kruat
764031008	Ban Mai Chaiyaphot, Phutthaisong
764031009	Lam Plai Mat
764031010	Khaen Dong, Satuek
764031011	Na Pho
764031012	Nong Hong
764031013	Phlapphla Chai
764032001	Khwao Sinarin, Mueang Surin
764032002	Chumphon Buri
764032003	Tha Tum
764032004	Chom Phra
764032005	Prasat
764032006	Phanom Dong Rak, Kap Choeng
764032007	Non Narai, Rattanaaburi
764032008	Sanom
764032009	Sikhoraphum
764032010	Si Narong, Sangkha
764032011	Lamduan
764032012	Samrong Thap
764032013	Buachet
764033001	Mueang Sisaket, Nam Kliang, Phayu
764033002	Yang Chum Noi
764033003	Kanthararom
764033004	Benchalak, Kantharalak
764033005	Khukhan, Phu Sing
764033006	Phrai Bueng
764033007	Prang Ku
764033008	Khun Han
764033009	Sila Lat, Rasi Salai
764033010	Pho Si Suwan, Mueang Chan, Uthumphon Phisai
764033011	Bueng Bun
764033012	Huai Thap Than
764033013	Non Khun
764033014	Si Rattana
764033015	Wang Hin
764034001	Don Mot Daeng, Lao Suea Kok, Mueang Ubon Ratchathani
764034002	Si Mueang Mai
764034003	Khong Chiam

764034004	Khueang Nai, Muang Sam Sip
764034005	Na Tan, Khemarat
764034006	Det Udom, Na Yia, Thung Si Udom
764034007	Na Chaluai
764034008	Nam Khun, Nam Yuen
764034009	Buntharik
764034010	Trakan Phuet Phon
764034011	Kut Khaopun
764034012	Sawang Wirawong, Warin Chamrap
764034013	Phibun Mangsahan, Sirindhorn
764034014	Tan Sum
764034015	Pho Sai
764034016	Samrong
764034017	Mueang Yasothon
764034018	Sai Mun
764034019	Kut Chum
764034020	Kham Khuean Kaeo
764034021	Pa Tio
764034022	Maha Chana Chai
764034023	Kho Wang
764034024	Loeng Nok Tha, Thai Charoen
764034025	Lue Amnat, Mueang Amnat Charoen
764034026	Chanuman
764034027	Pathum Ratchawongsa, Phana
764034028	Senangkhanikhom
764034029	Hua Taphan
764036001	Mueang Chaiyaphum
764036002	Ban Khwao
764036003	Khon Sawan
764036004	Kaeng Khro, Kaset Sombun
764036005	Nong Bua Daeng
764036006	Chatturat, Sap Yai, Noen Sa-nga
764036007	Bamnet Narong
764036008	Nong Bua Rawe
764036009	Thep Sathit
764036010	Phu Khiao
764036011	Ban Thaen
764036012	Khon San
764036013	Phakdi Chumphon

764039001	Nong Bua Lam Phu
764039002	Na Klang, Na Wang
764039003	Non Sang
764039004	Si Bun Rueang
764039005	Suwannakhuha
764039006	Mueang Udon Thani
764039007	Kut Chap
764039008	Nong Wua So
764039009	Prachaksinlapakhom, Kumphawapi
764039010	Non Sa-at
764039011	Ku Kaeo, Nong Han, Phibun Rak
764039012	Thung Fon
764039013	Chai Wan
764039014	Si That
764039015	Wang Sam Mo
764039016	Ban Dung
764039017	Ban Phue
764039018	Nam Som
764039019	Phen
764039020	Sang Khom
764039021	Nong Saeng
764039022	Na Yung
764040001	Mueang Khon Kaen
764040002	Ban Fang
764040003	Phra Yuen
764040004	Nong Ruea
764040005	Chum Phae
764040006	Si Chomphu
764040007	Nam Phong
764040008	Ubolratana
764040009	Sam Sung, Kranuan
764040010	Ban Phai, Ban Haet, Non Sila
764040011	Pueai Noi
764040012	Phon
764040013	Waeng Yai
764040014	Waeng Noi
764040015	Nong Song Hong
764040016	Nong Na Kham, Phu Wiang, Wang Kao
764040017	Khok Pho Chai, Mancha Khiri

764040018	Chonnabot
764040019	Khao Suan Kwang
764040020	Phu Pha Man
764042001	Mueang Loei
764042002	Na Duang
764042003	Chiang Khan
764042004	Pak Chom
764042005	Dan Sai, Na Haeo
764042007	Phu Ruea
764042008	Tha Li
764042009	Erawan, Wang Saphung
764042010	Nong Hin, Phu Kradueng
764042011	Phu Luang
764042012	Pha Khao
764043001	Sakhrai, Mueang Nong Khai
764043002	Tha Bo
764043003	Bueng Kan, Bung Kla
764043004	Phon Charoen
764043005	Fao Rai, Rattanawapi, Phon Phisai
764043006	So Phisai
764043007	Pho Tak, Si Chiang Mai
764043008	Sangkhom
764043009	Se Ka
764043010	Pak Kad
764043011	Bueng Khong Long
764043012	Si Wilai
764044001	Mueang Maha Sarakham
764044002	Kae Dam
764044003	Kosum Phisai
764044004	Kantharawichai
764044005	Chiang Yuen, Chuen Chom
764044006	Kut Rang, Borabue
764044007	Na Chueak
764044008	Phayakkhaphum Phisai
764044009	Wapi Pathum
764044010	Na Dun
764044011	Yang Sisurat
764045001	Mueang Roi Et
764045002	Kaset Wisai

764045003	Pathum Rat
764045004	Chaturaphak Phiman
764045005	Thung Khao Luang, Chiang Khwan, Thawat Buri
764045006	Nong Hi, Phanom Phrai
764045007	Phon Thong
764045008	Pho Chai
764045009	Nong Phok
764045010	Selaphum
764045011	Suwannaphum
764045012	Mueang Suang
764045013	Phon Sai
764045014	At Samat
764045015	Moei Wadi
764045016	Si Somdet
764045017	Changhan
764046001	Don Chan, Mueang Kalasin
764046002	Na Mon
764046003	Khong Chai, Kamalasai
764046004	Rong Kham
764046005	Kuchinarai
764046006	Na Khu, Khao Wong
764046007	Yang Talat
764046008	Huai Mek
764046009	Sahatsakhan
764046010	Sam Chai, Kham Muang
764046011	Nong Kung Si, Tha Khantho
764046012	Somdet
764046013	Huai Phueng
764047001	Phon Na Kaeo, Phu Phan, Kut Bak, Mueang Sakon Nakhon
764047002	Kusaman
764047003	Phanna Nikhom, Nikhom Nam Un
764047004	Phang Khon
764047005	Waritchaphum
764047006	Wanon Niwat
764047007	Kham Tak Kla
764047008	Ban Muang
764047009	Akat Amnuai
764047010	Sawang Daen Din
764047011	Song Dao

764047012	Tao Ngoi
764047013	Khok Si Suphan
764047014	Charoen Sin
764048001	Mueang Nakhon Phanom
764048002	Pla Pak
764048003	Tha Uthen
764048004	Ban Phaeng, Na Thom, Si Songkhram
764048005	That Phanom
764048006	Renu Nakhon
764048007	Wang Yang, Na Kae
764048008	Na Wa, Phon Sawan
764048009	Mueang Mukdahan
764048010	Nikhom Kham Soi
764048011	Don Tan
764048012	Dong Luang
764048013	Khamcha-i
764048014	Wan Yai
764048015	Nong Sung
764050001	Mueang Chiang Mai
764050002	Chom Thong, Doi Lo, Mae Wang
764050003	Mae Chaem
764050004	Chiang Dao
764050005	Doi Saket, Mae On, San Kamphaeng
764050006	Mae Taeng
764050007	Mae Rim
764050008	Samoeng
764050009	Fang
764050010	Mae Ai
764050011	Phrao
764050012	San Pa Tong
764050013	San Sai
764050014	Hang Dong
764050015	Hot
764050016	Doi Tao
764050017	Omko
764050018	Saraphi
764050019	Wiang Haeng
764050020	Chai Prakan
764051001	Ban Thi, Mueang Lamphun

764051002	Mae Tha
764051003	Ban Hong
764051004	Li
764051005	Thung Hua Chang
764051006	Wiang Nong Long, Pa Sang
764052001	Mueang Lampang
764052002	Mae Mo
764052003	Ko Kha
764052004	Soem Ngam, Sop Prap
764052005	Ngao
764052006	Chae Hom
764052007	Wang Nuea
764052008	Thoen
764052009	Mae Phrik
764052010	Mae Tha
764052012	Hang Chat
764052013	Mueang Pan
764053001	Mueang Uttaradit
764053002	Tron
764053003	Tha Pla
764053004	Nam Pat
764053005	Fak Tha
764053006	Ban Khok
764053007	Phichai
764053008	Laplae
764053009	Thong Saen Khan
764054001	Mueang Phrae
764054002	Rong Kwang
764054003	Long
764054004	Sung Men
764054005	Den Chai
764054006	Nong Muang Khai, Song
764054007	Wang Chin
764055001	Phu Phuiang, Mueang Nan
764055002	Mae Charim
764055003	Ban Luang
764055004	Na Noi
764055005	Pua
764055006	Tha Wang Pha

764055007	Wiang Sa
764055008	Bo Kluea, Chaloe Phra Kiat, Thung Chang
764055009	Chiang Klang, Song Khwae
764055010	Na Muen
764055011	Santi Suk
764057001	Phu Kamyao, Mueang Phayao
764057002	Chun
764057003	Chiang Kham, Phu Sang
764057004	Chiang Muan
764057005	Dok Khamtai
764057006	Pong
764057007	Mae Chai
764057008	Mae Lao, Mueang Chiang Rai
764057009	Wiang Chiang Rung, Wiang Chai
764057010	Chiang Khong
764057011	Khun Tan, Thoeng
764057012	Phan
764057013	Pa Daet
764057014	Chiang Saen, Doi Luang, Mae Chan, Mae Fa Luang
764057015	Mae Sai
764057016	Mae Suai
764057017	Wiang Pa Pao
764057018	Phaya Mengrai
764057019	Wiang Kaen
764058001	Mueang Mae Hong Son
764058002	Khun Yuam
764058003	Pai
764058004	Mae Sariang
764058005	Mae La Noi
764058006	Sop Moei
764058007	Pang Mapha
764060001	Mueang Nakhon Sawan
764060002	Krok Phra
764060003	Chum Saeng
764060004	Nong Bua
764060005	Banphot Phisai
764060006	Kao Liao
764060007	Takhli
764060008	Tha Tako

764060009	Phaisali
764060010	Phayuha Khiri
764060011	Chum Ta Bong, Mae Poen, Lat Yao, Mae Wong
764060012	Tak Fa
764061001	Mueang Uthai Thani
764061002	Thap Than
764061003	Sawang Arom
764061005	Nong Khayang, Nong Chang
764061006	Ban Rai
764061007	Lan Sak
764061008	Huai Khot
764062001	Kosamphi Nakhon, Mueang Kamphaeng Phet
764062002	Sai Ngam
764062003	Khlong Lan
764062004	Bueng Samakkhi, Khanu Worakabsaburi
764062005	Khlong Khlung, Pang Sila Thong, Sai Thong Watthana
764062006	Phran Kratai
764062007	Lan Krabue
764063001	Wang Chao, Mueang Tak
764063002	Ban Tak
764063003	Sam Ngao
764063004	Mae Ramat
764063005	Tha Song Yang
764063006	Mae Sot
764063007	Phop Phra
764063008	Umphang
764064001	Mueang Sukhothai
764064002	Ban Dan Lan Hoi
764064003	Khiri Mat
764064004	Kong Krailat
764064005	Si Satchanalai
764064006	Si Samrong
764064007	Sawankhalok
764064008	Si Nakhon
764064009	Thung Saliam
764065001	Mueang Phitsanulok
764065002	Nakhon Thai
764065003	Chat Trakan
764065004	Bang Rakam

764065005	Bang Krathum
764065006	Phrom Phiram
764065007	Wat Bot
764065008	Wang Thong
764065009	Noen Maprang
764066001	Sak Lek, Mueang Phichit
764066002	Wang Sai Phun
764066003	Pho Prathap Chang
764066004	Taphan Hin
764066005	Bang Mun Nak, Dong Charoen
764066006	Bueng Na Rang, Pho Thale
764066007	Sam Ngam, Wachirabarami
764066008	Tap Khlo
764067001	Mueang Phetchabun
764067002	Chon Daen
764067003	Lom Sak
764067004	Lom Kao
764067005	Wichain Buri
764067006	Si Thep
764067007	Nong Phai
764067008	Bueng Sam Phan
764067009	Nam Nao
764067010	Wang Pong
764067011	Khao Kho
764070001	Mueang Ratchaburi
764070002	Chom Bueng
764070003	Ban Kha, Suan Phueng
764070004	Damnoen Saduak
764070005	Ban Pong
764070006	Bang Phae
764070007	Photharam
764070008	Pak Tho
764070009	Wat Phleng
764071001	Dan Makham Tia, Mueang Kanchanaburi
764071002	Sai Yok
764071003	Bo Phloi, Nong Prue
764071004	Si Sawat
764071005	Tha Maka
764071006	Tha Muang

764071007	Thong Pha Phum
764071008	Sangkha Buri
764071009	Huai Krachao, Phanom Thuan
764071010	Lao Khwan
764072001	Mueang Suphanburi
764072002	Doem Bang Nang Buat
764072003	Dan Chang
764072004	Bang Pla Ma
764072005	Si Prachan
764072006	Don Chedi
764072007	Song Phi Nong
764072008	Sam Chuk
764072009	U Thong
764072010	Nong Ya Sai
764073001	Mueang Nakhon Prathom
764073002	Kamphaeng Saen
764073003	Nakhon Chai Si, Phutthamonthon
764073004	Don Tum
764073005	Bang Len
764073006	Sam Phran
764074001	Mueang Samut Sakhon
764074002	Krathum Baen
764074003	Ban Phaeo
764075001	Mueang Samut Songkhram
764075002	Bang Khonthi
764075003	Amphawa
764076001	Mueang Phetchaburi
764076002	Khao Yoi
764076003	Kaeng Krachan, Nong Ya Plong
764076004	Cha-am
764076005	Tha Yang
764076006	Ban Lat
764076007	Ban Laem
764077001	Mueang Prachuap Khiri Khan
764077002	Sam Roi Yot, Kui Buri, Pran Buri
764077003	Thap Sakae
764077004	Bang Saphan
764077005	Bang Saphan Noi
764077006	Hua Hin

764080001	Mueang Nakhon Si Thammarat, Phra Phrom
764080002	Phrom Khiri
764080003	Lan Saka
764080004	Chawang, Chang Klang, Tham Phannara
764080005	Phipun
764080006	Chaloem Phra Kiat, Chulabhorn, Chian Yai, Cha-uat, Ron Phibun
764080007	Nopphitam, Tha Sala
764080008	Thung Song
764080009	Na Bon
764080010	Thung Yai
764080011	Pak Phanang
764080012	Sichon
764080013	Khanom
764080014	Hua Sai
764080015	Bang Khan
764082001	Mueang Phang Nga
764082002	Ko Yao
764082003	Kapong
764082004	Takua Thung
764082005	Takua Pa
764082006	Khura Buri
764082007	Thap Put
764082008	Thai Mueang
764083001	Mueang Phuket
764083002	Kathu
764083003	Thalang
764084001	Mueang Krabi, Nuea Khlong
764084002	Ao Luek, Khao Phanom, Plai Phraya, Chai Buri, Phrasaeng
764084003	Ko Lanta
764084004	Khlong Thom
764084005	Lam Thap
764084006	Mueang Surat Thani, Mueang Surat Thani
764084007	Kanchanadit
764084008	Don Sak
764084009	Ko Samui
764084010	Ko Pha Ngan
764084011	Chaiya
764084012	Tha Chana
764084013	Vibhavadi, Khiri Rat Nikhom

764084014	Ban Ta Khun
764084015	Phanom
764084016	Tha Chang
764084017	Ban Na San
764084019	Khian Sa
764084020	Wiang Sa
764084021	Phunphin
764086001	Mueang Ranong
764086002	La-un, Sawi
764086003	Suk Samran, Kapoe
764086004	Kra Buri
764086005	Mueang Chumphon
764086006	Tha Sae
764086007	Pathio
764086008	Lang Suan
764086009	Lamae
764086010	Phato
764086011	Thung Tako
764090001	Mueang Songkhla
764090002	Sathing Phra
764090003	Chana
764090004	Na Thawi
764090005	Thepha
764090006	Saba Yoi
764090007	Ranot
764090008	Krasae Sin
764090009	Rattaphum
764090010	Sadao
764090011	Hat Yai, Khlong Hoi Khong
764090012	Na Mom
764090013	Khuan Niang
764090014	Bang Klam
764090015	Singhanakhon
764091001	Mueang Satun
764091002	Khuan Don
764091003	Manang, Khuan Kalong
764091004	Tha Phae
764091005	La-ngu
764091006	Thung Wa

764092001	Mueang Trang, Na Yong
764092002	Kantang
764092003	Yan Ta Khao
764092004	Hat Samran, Palian
764092005	Sikao
764092006	Huai Yot, Ratsada
764092007	Wang Wiset
764093001	Srinagarindra, Mueang Phattalung
764093002	Kong Ra
764093003	Bang Kaeo, Khao Chaison
764093004	Tamot
764093005	Khuan Khanun, Pa Phayom
764093006	Pak Phayun
764093007	Si Banphot
764093008	Pa Bon
764094001	Mueang Pattani
764094002	Khok Pho
764094003	Nong Chik
764094004	Panare
764094005	Mayo
764094006	Thung Yang Daeng
764094007	Sai Buri
764094008	Mai Kaen
764094009	Yaring
764094010	Yarang
764094011	Kapho
764094012	Mae Lan
764095001	Krong Pinang, Mueang Yala
764095002	Betong
764095004	Than To, Bannang Sata
764095005	Kabang, Yaha
764095006	Raman
764096001	Mueang Narathiwat
764096002	Tak Bai
764096003	Bacho
764096004	Yi-ngo
764096005	Cho-airing, Ra-ngae
764096006	Rueso
764096007	Si Sakhon

764096008	Su-ngai Kolok, Waeng
764096009	Sukhirin
764096010	Su-ngai Padi
764096011	Chanae

## description

### DEFINITION

GEO2\_TH identifies the household's districts within Thailand in 1990 and 2000. Districts are the second level administrative units of the country, after provinces. GEO2\_TH 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\_TH can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Thailand 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\_TH1990: Thailand, District 1990 [Level 2, GIS]**

**Data file:** THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
001001	Min Buri
001002	Lat Krabang
001003	Yan Nawa
001004	Sam Phan Thawong
001005	Huai Khwang
001006	Phaya Thai
001007	Thon Buri
001008	Bangkok Yai
001009	Khlong San
001010	Taling Chan
001011	Bangkok Noi
001012	Sathon

001013	Bang Phlad
001014	Chatuchak
001015	Bang Sue
001016	Phasi Charoen
001017	Chom Thong
001018	Bang Khun Thian
001019	Rat Burana
001020	Nong Khaem
001021	Khlong Toei
001022	Bang Kho Laem
001023	Don Muang
001024	Ratchatavee
001025	Nong Chok
001026	Dusit
001027	Phra Nakorn
001028	Pathum Wan
001029	Bang Kapi
001030	Pravet
001031	Bung Kum
001032	Lat Phrao
001033	Bang Khen
001034	Bang Rak
001035	Phra Khanong
001036	Pom Prab Sattru Phai
002001	Ao Luk
002002	Plai Phraya
002003	Khao Phanom
002004	Krabi
002005	Ko Lanta
002006	Khlong Thom
002007	Lam Thap
003001	Thong Pha Phum
003002	Tha Muang
003003	Tha Maka
003004	Si Sawat
003005	Lao Khwan
003006	Phanom Thuan
003007	Sangkhla Buri
003008	Sai Yok

003009	Bo Phloi
003010	Kanchanaburi
004001	Somdet
004002	Pheung
004003	Kham Muang
004004	Nong Kung Si
004005	Tha Khanto
004006	Huai Mek
004007	Sahatsakhan
004008	Khao Wong
004009	Yang Talat
004010	Kamalasai
004011	Na Mon
004012	Kalasin
004013	Kuchinarai
004014	Rong Kham
005001	Khlong Khlung
005002	Khanu Worlaksaburi
005003	Lan Krabu
005004	Phran Kuatai
005005	Sai Ngam
005006	Khlong Lan
005007	Kamphaengphet
006001	Si Chomphu
006002	Nam Phong
006003	Ubol Ratana
006004	Kranuan
006005	Ban Phai
006006	Puai Noi
006007	Phon
006008	Waeng Yai
006009	Waeng Noi
006010	Nong Song Hong
006011	Mancha Khiri
006012	Phu Wiang
006013	Khao Suan Kwang
006014	Chonnabot
006015	Phu Pha Man
006016	Phra Yun

006017	Ban Fang
006018	Khon Kaen
006019	Chum Phae
006020	Nong Rua
007001	Tha mai
007002	Pong Nam Ron
007003	Makham
007004	Laem Sing
007005	Soydow
007006	Khlung
007007	Chantha Buri
008001	Bang Pakong
008002	Bang Nam Prieo
008003	Bang Khla
008004	Chachoengsao
008005	Sanam Chai Khet
008006	Ratchasan, Phanom Sarakham
008008	Ban Pho
008009	Plaeng Yao
009001	Si racha, Ko Sichang
009003	Chon Buri
009004	Ban Bung, Nong yai
009005	Phan thong
009006	Phanat Nikhom
009008	Bang Lamung
009009	Bo Thong
009010	Sattahip
009011	Pattaya
010001	Sapphaya
010002	Sankhaburi
010003	Hankha
010004	Wat Sing
010005	Manorom
010006	Chainat
011001	Kaset Sombun
011002	Kaeng Khro
011003	Khon Sawan
011004	Chatturat
011005	Nong Bua Daeng

011006	Ban Khwao
011007	Chaiyaphum
011008	Nong Bua Rawe
011009	Bamnet Narong
011010	Ban Thaen
011011	Khon San
011012	Thep Sathit
011013	Phu Khieo
011014	Phakoi Chum Phol
012001	Phato, Lamae
012003	Lang Suan
012004	Pathiu
012005	Tha Sae
012006	Chumphon
012007	Sawi
012008	Thung Tako
013001	Chiang Rai
013002	Wiangen, Chiang Khong
013003	Thoeng
013004	Phan
013005	Wieng Chai
013007	Mae Sai
013008	Mae Suai
013009	Pa Daet
013010	Mae Chan
013011	Chiang Saen
013012	Wieng Pa Pao
013013	Phaya Mengrai
014001	Phrao
014002	Mae Ai
014003	Fang
014004	Samoeng
014005	Mae Rim
014006	Mae Taeng
014007	San Kamphaeng
014008	Doi Saket
014009	Chiang Dao, Wiang Haeng
014010	San Sai
014011	San Pa Tong

014012	Chiang Mai
014013	Mae Cham
014014	Chom Thong
014015	Saraphi
014017	Chai Prakon
014018	Hang dong
014019	Hot
014020	Doi Tao
014021	Omkoï
015001	Trang
015002	Kantang
015003	Sikao
015004	Huai Yot
015005	Yan Ta Khao
015006	Palian
015007	Wang Wiset
016001	Trat, Klong Yai
016003	Khao Saming
016004	Bo Rai
016005	Laem Ngop
017001	Phop Phra, Umphang
017003	Mae Sot
017004	Tha Song Yang
017005	Ban Tak
017006	Tak
017007	Mae Ramat
017008	Sam Ngao
018001	Nakhon Nayok
018002	Pak Phli
018003	Ban Na
018004	Ongkharak
019001	Bang Len
019002	Don Tum
019003	Sam Phran
019004	Nakhon Pathom
019005	Kamphaeng Saen
019006	Nakhon Chaisi
020001	Nakhon Phanom
020002	Pla Pak

020003	Tha Uthen
020004	Si Songkhram
020005	Ban Phaeng
020006	That Phanom
020007	Renu Nakhon
020008	Na Kae
020009	Phon Sawan
020010	Na Wa
021001	Non Daeng
021002	Pak Chong
021003	Sikhiu
021004	Sung Noen
021005	Chum Phuang, Huai Thalaeng
021007	Phimai
021008	Prathai
021009	Pak Thong Chai
021010	Non Thai
021011	Non Sung
021012	Kham Sae Saeng
021013	Bua Yai
021014	Eng Sanamang
021015	Ban luam
021016	Chakkarat
021017	Chok chai
021018	Dan Khun Thot
021019	Kham Thale So
021020	Khon Buri
021021	Nakhon Ratchasima
021022	Khong
021023	Soeng Sang
021024	Nong Bunnak
022001	Thung Song
022002	Lan Saka
022003	Nakhon Si Thammarat
022004	Phrommakhiri
022005	Phipun
022006	Ron Phibun
022007	Cha-uat
022008	Chian Yai

022009	Pak Phanang
022010	Tha Sala
022011	Chawang
022012	Thung Yai
022013	Na Bon
022014	Bang Khan
022015	Hua Sai
022016	Khanom
022017	Sichon
023001	Takhli
023002	Tha Tako
023003	Chumsaeng
023004	Nong Bua
023005	Banphot Phisai
023006	Kao Liew
023007	Phaisali
023008	Lat Yao
023009	Tak Fa
023010	Phayuha Khiri
023011	Krok Phra
023012	Nakhon Sawan
024001	Bang Kruai
024002	Bang Yai
024003	Nonthaburi
024004	Pak Kret
024005	Sai Noi
024006	Bang Bua Thong
025001	Su-ngai Kolok
025002	Waeng
025003	Si Sakhon
025004	Su-ngai Padi
025005	Sukhirin, Ja-nae
025007	Bacho
025008	Yi-ngo
025009	Narathiwat
025010	Tak Bai
025011	Rangae
025012	Ruso
026001	Bo Kua, Thung Chang

026002	Chiang Klang
026003	Nan, Mae Charim, Ban Luang, Santisuke
026006	Na Noi
026007	Pua
026008	Tha Wang Pha
026009	Wiang Sa
026011	Na Mun
027001	Krasang
027002	Ku Muang
027003	Buri Ram
027004	Prakhon Chai
027005	Ban kruat
027006	Nang Rong
027007	Lahan Sai
027008	Pakhum
027009	Nong Ki
027010	Satuk
027011	Na Pho
027012	Phutthaisong
027013	Lam Plai Mat
027014	Nong Hong
027015	Phlabphachai
028001	Sam Khok
028002	Lam Luk Ka
028003	Lat Lum kaeo
028004	Nong Sua
028005	Thanyaburi
028006	Klong Luang
028007	Pathum Thani
029001	Prachuap Khiri Khan
029002	Bang Saphan Noi
029003	Hua Hin
029004	Pran Buri
029005	Kui Buri
029006	Bang Saphan
029007	Thap Sakae
030001	Si Maha Pho, Khok Pip
030003	Ban Sang
030004	Prachantakham

030005	Kabin Buri
030006	Na Di
030007	Prachin Buri
030008	Khlong Had
030009	Sa Kaeo
030010	Wang Nam Yen
030011	Ta Phraya
030012	Aranyaprathet
030013	Watana Nakhon
031001	Mae Lan, Khok Pho
031002	Kapho, Mai Kaen, Sai Buri
031003	Yarang
031004	Yaring
031007	Thungyang Daeng
031008	Mayo
031009	Panare
031011	Nong Chik
031012	Pattani
032001	Lat Bua Luang
032002	Wang Noi
032003	Bang Pa-in
032004	Bang Pahan
032005	Phak Hai
032006	Phachi
032007	Phra Nakhon Si Ayuttaya
032008	Tha Rua
032009	Nakhon Luang
032010	Bang Sai
032011	Bang Ban
032012	Bang Srai
032013	Sena
032014	Maha Rat
032015	Uthai
032016	Ban Phraek
033001	Mae Chai
033002	Chiang Muan
033003	Chiang Kham
033004	Pong
033005	Dok Kham Tai

033006	Chun
033007	Phayao
034001	Thai muang
034002	Phangnga, Kapong, Thap Put
034003	Takua Thung
034004	Takua Pa, Khura Buri
034005	Ko Yao
035001	Pak Phayun
035002	Si Banphot
035003	Pa Bon
035004	Kong Ra
035005	Ta Mot
035006	Khuan Khanun
035007	Phatthalung
035008	Khao Chaison
036001	Taphan Hin
036002	Bang Mun Nak
036003	Wang Sai Phun
036004	Pho Prathap Chang
036005	Tap Khlo
036006	Pho Thale
036007	Sam Ngam
036008	Phichit
037001	Wang Thong
037002	Wat Bot
037003	Phrom Phiram
037004	Bang Krathum
037005	Bang Rakam
037006	Nakhon Thai
037007	Phitsanulok
037008	Noen Maprang
037009	Chat Trakan
038001	Phetchaburi
038002	Kaeng Chan, Nong Ya Plong
038003	Ban Laem
038004	Ban Lat
038005	Tha Yang
038006	Cha-am
038007	Khao Yoi

039001	Nam Nao, Lom Kao
039002	Bung Sam Phan
039003	Khao Kho
039004	Wong Pong
039005	Wichian Buri
039007	Nong Phai
039008	Si Thep
039009	Phetchabun
039010	Chon Daen
039011	Lom Sak
040001	Song
040002	Den Chai
040003	Sung Men
040004	Long
040005	Rong Kwang
040006	Phrae
040007	Wang Chin
041001	Phuket
041002	Thalang
041003	Kathu
042001	Wapi Pathum
042002	Phayakkhaphum Phisai
042003	Yang Sisurt
042004	Na Dun
042005	Chiang Yun
042006	Kantharawichai
042007	Na Chuak
042008	Borabu
042009	Maha Sarakam
042010	Kae Dam
042011	Kosum phisai
043001	Dong Luang
043002	Don Tan
043003	Nikhom Kham Soi
043004	Mukdahan, Wan Yai
043005	Nong Sung
043007	Khameha-i
044001	Pang Mapa, Khun Yuam, Mae Hong Son
044002	Sop Moei

044003	Mae La Noi
044004	Mae Sariang
044005	Pai
045001	Pa Tiu
045002	Maha Chana Chai
045003	Yasothon
045004	Sai Mun
045005	Kut Chum
045006	Kham Khuan Kaeo
045007	Loeng Nok Tha
045008	Kho Wang
046001	Yala
046002	Yaha
046003	Raman
046004	Betong
046005	Bannang Sata
046006	Than To
047001	Phon Thong
047002	Pho Chai
047003	Nong Phok
047004	Selaphum
047005	Pathum Rat
047006	Chaturaphak Phiman
047007	Thawatchaburi
047008	Phanom Phrai
047009	Suwannaphum
047010	Muang Suang
047011	Kaset Wisai
047012	Roi Et
047013	Changnan
047014	Si Somdet
047015	Moei Wa Di
047016	At Samat
047017	Phon Sai
048001	Ranong
048002	Kra Buri, La-un
048003	Kapoe
049001	Wang Chan
049002	Klaeng

049003	Pluak Daeng
049004	Ban Khai
049005	Ban Chang
049006	Rayong
050001	Chom Bung
050002	Ratchaburi
050003	Suan Phung
050004	Damnoen Saduak
050005	Ban Pong
050006	Bang Phae
050007	Photharam
050008	Pak Tho
050009	Wat Phleng
051001	Ban Mi
051002	Tha Luang
051003	Chai Badan
051004	Tha Wung
051005	Phatthana Nikom
051006	Khok Samrong
051007	Lop Buri
051008	Sabot
051009	Khok Charoen
051010	Lam Sonthi
052001	Muang Pan
052002	Mae Tha
052003	Hang Chat
052004	Thoen
052005	Mae Phrik
052006	Wang Nua
052007	Chae Hom
052008	Lampang
052009	Ko Kha
052010	Mae Mo
052011	Ngao
052012	Sop Prap
052013	Soem Ngam
053001	Lam Phun
053002	Mae Tha
053003	Ban Hong

053004	Thung Hua Chang
053005	Li
053006	Pa Sang
054001	Phuluang
054002	Phu Kradung
054003	Wang Saphung
054004	Tha li
054005	Phakao
054006	Na haeo
054007	Phu Rua
054008	Loei
054009	Na Duang
054010	Chiang Khan
054011	Pak Chom
054012	Dan Sai
055001	Si Sa Ket
055002	Nan Kiang
055003	Kanthararom
055004	Yang Chum Noi
055005	Khukhan
055006	Kantharalak
055007	Prang Ku
055008	Phrai Bung
055009	Sirattana
055010	Wang Hin
055011	Huai Thap Than
055012	Non Khum
055013	Uthumphon Phisai, Bung Bun
055015	Khun Han
055016	Rasi Salai
056001	Tao Ngoi
056002	Song Dao
056003	Phang Khon
056004	Phanna Nikom, Nikhom Nam Un
056005	Wanon niwat
056006	Waritchaphum
056007	Ban Muang
056008	Kham Ta Kla
056009	Sawang Daen Din

056010	Akat Amnuai
056011	Sakon Nakhon
056012	Kut Bak
056013	Kusuman
056014	Khok Si Suphan
056015	Chareon Sin
057001	Singha Nakhon
057002	Bang Klarn
057003	Hat Yai
057004	Sadao
057005	Khwan Niang
057006	Na Morn
057007	Krasae Sin
057008	Rattaphum
057009	Na Thawi
057010	Thepha
057011	Saba Yoi
057012	Ranot
057013	Songkhla
057014	Sathing Phra
057015	Chana
058001	Tha Phae
058002	Khuan Kalong
058003	Khuan Don
058004	Satun
058005	Langu, Thung Wa
059001	Samut Prakan
059002	Bang Bo
059003	Phra Samutchedi
059004	Bang Phli
059005	Phra Pradaeng
060001	Bang Khonthi
060002	Samut Songkhram
060003	Amphawa
061001	Ban Phaeo
061002	Krathum Baen
061003	Samut Sakhon
062001	Phra Phutthabat
062002	Muak lek

062003	Don Phut, Ban Mo
062004	Nong Don
062005	Saraburi
062006	Kaeng khoi
062007	Nong Khae, Wihan Daeng
062008	Nong Saeng, Sao Hai
063001	Khai Bang Rachan
063002	Bang Rachan
063003	Sing Buri
063004	In Buri
063005	Tha Chang
063006	Phrom Buri
064001	Khiri Mat
064002	Kong krailat
064003	Si Satchanalai
064004	Si Samrong
064005	Sukhothai
064006	Ban Dan Lan Hoi
064007	Sawankhalok
064008	Si Nakhon
064009	Thung Saliang
065001	Nong Yasai
065002	Sam Chuk
065003	U Thong
065004	Don Chedi
065005	Song Phi Nong
065006	Bang Pla Ma
065007	Si Prachan
065008	Dan Chang
065009	Doembang Nangbuat
065010	Suphan Buri
066001	Kanchanadit
066002	Ban Na Doem, Surat Thani
066003	Tha Chana
066004	Chai Buri, Phrasaeng
066005	Khian Sa
066006	Wiang Sa
066007	Tha Chang
066008	Ban Takhun, Khiri Ratthanikhom

066009	Phunphin
066010	Phanom
066012	Chaiya
066013	Ban Na San
066014	Ko Samui, Ko Phangan
066015	Don Sak
067001	Sangkha
067002	Sikhoraphum
067003	Kap Choeng
067004	Prasat
067005	Sanom
067006	Rattanaaburi
067007	Chumphon Buri
067008	Surin
067009	Chom Phra
067010	Tha Tum
067011	Samrong Thap
067012	Lamduan
067013	Bua Chet
068001	Sangkhom
068002	Seka
068003	So Phisai
068004	Si Chiang Mai
068005	Si Wilai
068006	Pak Khat
068007	Bun Khonglang
068008	Phon Phisai
068009	Phon Charoen
068010	Bung Kan
068011	Tha Bo
068012	Nong Khai
069001	Ang Thong
069002	Pa Mok
069003	Chai Yo
069004	Wiset Chai Chan
069005	Pho Thong
069006	Sawaengha
069007	Sam Ko
070001	Phen, Sang Khom

070003	Ban Phu
070004	Nam Som
070005	Wang Sam Mo
070006	Ban Dung
070007	Chaiwan
070008	Si That
070009	Nong Han
070010	Thung Fon
070011	Non Sa-at
070012	Kumphawapi
070013	Udon Thani
070014	Nong Wau So
070015	Kut Chap
070016	Si Bun Ruang
070017	Non Sang
070018	Na Klang
070019	Nong Bua Lam Phu
070020	Suwannakuha
070021	Nong Saeng
070022	Na Yung
071001	Thoeng Saen Khan
071002	Laplae
071003	Phi Chai
071004	Ban Khok, Fak Tha
071005	Nam Pat
071007	Tron
071008	Tha Pla
071009	Uttaradit
072001	Huai Hkot, Ban Rai
072003	Lan Sak
072004	Sawang Arom
072005	Nong Chang, Nong Khayang
072006	Uthai thani
072007	Thap Than
073001	Phibun Mangsahan
073002	Tan Sum
073003	Pho Sai
073004	Samrong
073005	Senangkhanikom

073006	Hua Taphan
073007	Chanuman
073008	Phana
073009	Amnat Charoen
073010	Ubon Ratchathani
073011	Si Muang Mai
073012	Warin Chamrap
073013	Kut Khaopun
073014	Trakan Phutphon
073015	Buntharik
073016	Nam Yun
073017	Na Chaluai
073018	Det Udom
073019	Khemarat
073020	Khuang Nai
073021	Muang Samsip
073022	Khong Chiam

## description

### DEFINITION

GEO2\_TH1990 identifies the household's district within Thailand in 1990. Districts are the second level administrative units of the country, after provinces. A GIS map (in shapefile format), corresponding to GEO2\_TH1990 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

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

## concept

### CONCEPT

#### **LANDOWN: Land ownership**

**Data file: THA1990\_PHC-H-H**

#### **Overview**

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

#### **Questions and instructions**

### CATEGORIES

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

00	NIU (not in universe)
10	Land owned by a resident
11	Owned, fully paid for
12	Owned, still paying
13	Freehold tenure
14	Customary land
20	Land not owned
21	Rented
22	Ceded
23	Mailo land tenure
24	Free, occupied with consent
25	Free, occupied without consent
26	Free, consent not specified
27	Communal
28	Right to build
29	Right to use
30	Other, not specified
99	Unknown

## description

### DEFINITION

This variable indicates whether the land on which the dwelling was located was owned, either in full or in part, by one of the dwelling's residents.

Conceivably, a resident might own land but not the dwelling on which it resides. Such a case would be classified as NIU (not in universe): only dwellings indicating that a resident owned the dwelling were asked about land ownership.

## concept

### CONCEPT

## OWNERSHIP: Ownership of dwelling [general version]

Data file: THA1990\_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: THA1990\_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

**REGNTH: Thailand, Region****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	Bangkok
2	Central region (exclude Bangkok )
3	Northern region
4	Northeastern region
5	Southern region

**description**

## DEFINITION

REGNTH indicates the region in Thailand in which the household was enumerated. It is the largest-scale geographic identifier available in the Thailand samples. REGNTH is harmonized by name and does not account for boundary changes over time.

The full set of geography variables for Thailand 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

**WATSUP: Water supply****Data file:** THA1990\_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

## AIRCON: Air conditioning

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
00	NIU (not in universe)
10	No air conditioning
20	Yes, air conditioning
21	1 unit or room
22	2 units or rooms
23	3 units or rooms
24	4 units or rooms

25	5 units or rooms
26	6 units or rooms
27	7 units or rooms
28	8 or more units or rooms
29	Central system
99	Unknown

## description

### DEFINITION

This variable indicates whether the household had air conditioning.

## concept

### CONCEPT

## AUTOS: Automobiles available

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
	No autos
1	1 auto
2	2 autos
3	3 autos
4	4 autos
5	5 autos
6	6+ autos
7	Have auto, number unspecified
8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

AUTOS records whether a member of the household owned or had use of a vehicle and, in many samples, the number of

such vehicles.

## concept

### CONCEPT

#### **BEDROOMS: Number of bedrooms**

Data file: THA1990\_PHC-H-H

#### Overview

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

#### Questions and instructions

### CATEGORIES

Value	Category
00	No bedrooms
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

BEDROOMS indicates the number of rooms available to members of the household for sleeping.

## concept

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### CONCEPT

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## KITCHEN: Kitchen or cooking facilities

Data file: THA1990\_PHC-H-H

### Overview

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

### Questions and instructions

---

### CATEGORIES

Value	Category
00	NIU (not in universe)
10	No kitchen
11	Food is prepared in a non-kitchen room
13	Does not prepare food in the dwelling
20	Yes, have a kitchen
21	Kitchen located inside the dwelling
22	Indoor kitchen, exclusive use
23	Indoor kitchen, shared use
24	Exclusive use of kitchen (indoor/outdoor status not specified)
25	Shared use of kitchen with another household (indoor/outdoor status not specified)
26	Kitchen located outside the dwelling
27	Outdoor kitchen, exclusive use
28	Outdoor kitchen, shared use
99	Unknown/missing

## description

---

### DEFINITION

KITCHEN indicates whether the household had a kitchen, cooking facilities, or room dedicated to food preparation.

**concept**

CONCEPT

**PHONE: Telephone availability****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

CATEGORIES

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

**description**

DEFINITION

PHONE indicates the availability of a telephone in the dwelling.

**concept**

CONCEPT

**RADIO: Radio in household****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

CATEGORIES

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

9	Unknown/missing
---	-----------------

## description

---

### DEFINITION

RADIO indicates whether the household had a radio.

## concept

---

### CONCEPT

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## REFRIG: Refrigerator

**Data file:** THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

---

### CATEGORIES

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

## description

---

### DEFINITION

REFRIG indicates whether the household had a refrigerator.

## concept

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### CONCEPT

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## TV: Television set

**Data file:** THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
00	NIU (not in universe)
10	No
20	Yes, color or black-and-white not specified
21	1 television
22	2 televisions
23	3 televisions
24	4 televisions
25	5 televisions
26	6 televisions
27	7 televisions
28	8 televisions
29	9+ televisions
30	Yes, at least one color tv
31	1 color tv
32	2 color tvs
33	3+ televisions
40	Yes, black-and-white only
41	1 black-white tv
42	2 black-white tvs
43	3+ black-white tvs
99	Unknown/missing

### description

#### DEFINITION

TV indicates whether the household had a television.

### concept

#### CONCEPT

### VCR: Videocassette recorder

Data file: THA1990\_PHC-H-H

#### Overview

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

## Questions and instructions

---

### CATEGORIES

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

### description

---

#### DEFINITION

VCR indicates whether the household had a videocassette recorder or similar device.

### concept

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#### CONCEPT

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## WASHER: Clothes washing machine

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
	NIU (not in universe)
1	No
2	Yes
3	Automatic or semi-automatic
4	Wringer or other non-automatic
9	Unknown/missing

### description

---

#### DEFINITION

WASHER indicates whether the household had a clothes washing machine.

**concept**

CONCEPT

**HEADLOC: Head's location in household****Data file:** THA1990\_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:** THA1990\_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:** THA1990\_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:** THA1990\_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:** THA1990\_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:** THA1990\_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

---

## TH1990A\_DWNUM: Dwelling number

**Data file:** THA1990\_PHC-H-H

### Overview

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

### description

---

#### DEFINITION

This variable indicates dwelling number.

#### UNIVERSE

Thailand 1990: All households

### concept

---

#### CONCEPT

## Imputation and derivation

### DERIVATION

This is a 6-digit numeric variable with 0 implied decimal places

### TH1990A\_PERN: Number of persons in household

Data file: THA1990\_PHC-H-H

#### Overview

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

#### Questions and instructions

### 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
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
30	30

## description

### DEFINITION

This variable indicates number of persons in household.

### UNIVERSE

Thailand 1990: All households

## concept

### CONCEPT

## TOILET: Toilet

**Data file:** THA1990\_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:** THA1990\_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

**TH1990A\_AREA: Area****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A035 TH90A036 TH90A037">b. This house is in<br /><br /><div class="i1">[] 1 Municipal Area</div><br /><div class="i2">Name of M.A. \_\_\_\_</div><br /><div class="i1">[] 2 Sanitary District</div><br /><div class="i2">Name of S.D. \_\_\_\_</div><br /><div class="i1">[] 4 Outside M.A. or S.D.</div><br /></sva>

## CATEGORIES

Value	Category
1	Municipal Area
2	Sanitary District
3	Outside M.A. or S.D.

**description**

## DEFINITION

This variable indicates whether the household is located within Municipal area.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_COLLECT: Type of household****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A044">h. Type of household<br /><div class="i1">[] 1 Private household<br />[] 2 Collective household</div><br /></sva>

## CATEGORIES

Value	Category
1	Private household
2	Collective household

**description**

## DEFINITION

This variable indicates the type of household.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_DONATED: Donated dwelling**

Data file: THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
	No problem
1	Donated

**description**

## DEFINITION

This variable indicates if there is a problem with donated dwelling.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_DWTYPE: Type of living quarter****Data file: THA1990\_PHC-H-H****Overview**

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

**Questions and instructions**

## LITERAL QUESTION

```
<sva a="all" v="TH90A042">f. Type of living quarter<br /><div class="i1">[] 01 Detached house<br />[] 02 Town house<br /><br />Apartment, Flat and others</div><br /><div class="i2">[] 03 Apartment<br />[] 04 Flat<br />[] 05 Condominium<br />[] 06 Others</div><br /><div class="i1">[] 07 Row house<br />[] 08 Concrete row house<br />[] 09 Office room<br />[] 10 Mobile<br />[] 11 Other living quarters<br />[] 12 Temple (Wat)<br />[] 13 Jail<br />[] 14 Welfare lodging<br />[] 15 Hospital<br />[] 16 Boarding school<br />[] 17 Military barrack<br />[] 18 Hotel<br />[] 19 Boarding house and others</div><br /></sva>
```

## CATEGORIES

Value	Category
01	Detached house
02	Town house
03	Apartment
04	Flat
05	Condominium
06	Others
07	Row house
08	Concrete row house
09	Office room
10	Mobile
11	Other living quarters
12	Temple (Wat)
13	Jail
14	Welfare lodging
15	Hospital
16	Boarding school
17	Military barrack
18	Hotel
19	Boarding house and others

**description**

## DEFINITION

This variable indicates the type of living quarter.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_D\_NUM: Donation strata: strata number****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## 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

**description**

## DEFINITION

This variable indicates strata number of donation strata.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_FBIG: Dwelling created by splitting apart a large dwelling or household****Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
	No problem
1	Yes: households within a large dwelling were split apart into separate dwellings
2	Yes: persons within a large household were split apart into separate dwellings

**description**

## DEFINITION

This variable indicates whether dwelling is created by splitting apart a large dwelling or household.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_LANGHH: Language usually spoken in household**

Data file: THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A046 TH90A047">k. Language usually spoken in this household<br /><div class="i1">[] 1 Thai only (skip to Part II)<br />[] 2 Thai and other languages; specify other languages\_\_\_<br />[] 3 Other languages only; specify other languages\_\_\_</div><br /></sva>

## CATEGORIES

Value	Category
1	Thai
2	Thai with other language
3	Other language

**description**

## DEFINITION

This variable indicates the language usually spoken in household.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_REGION: Region**

Data file: THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A032 TH90A033 TH90A034">a. Address \_\_\_\_<br /><br />\_\_ Region<br />\_\_ Province<br />\_\_ District<br />\_\_ Subdistrict<br /></sva>

## CATEGORIES

Value	Category
1	Bangkok Metropolis
2	Central
3	Northeastern
4	Southern
5	Northern

**description**

## DEFINITION

This variable indicates the region where the household is located.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

**TH1990A\_SANAREA: Number of Sanitary Districts in Tambon (Non-Municipal)**

Data file: THA1990\_PHC-H-H

## Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="all" v="TH90A035 TH90A036 TH90A037">b. This house is in<br /><br /><div class="i1">[] 1 Municipal Area</div><br /><div class="i2">Name of M.A. \_\_\_\_</div><br /><div class="i1">[] 2 Sanitary District</div><br /><div class="i2">Name of S.D. \_\_\_\_</div><br /><div class="i1">[] 4 Outside M.A. or S.D.</div><br /></sva>

### CATEGORIES

Value	Category
	NIU (not in universe)
1	1
2	2
3	3
4	4
5	5
8	Unknown

## description

### DEFINITION

This variable indicates number of Sanitary District in Tambon (non-Municipal area).

### UNIVERSE

Thailand 1990: All households in Sanitary Districts [discrepancies: type I trace; type II trace]

## concept

### CONCEPT

## TH1990A\_WALLS: Wall construction materials

Data file: THA1990\_PHC-H-H

## Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="all" v="TH90A043">g. Type of construction materials<br /><div class="i1">(For type of living quarter appeared in F codes 01-08.)<br /><br />[] 1 Concrete or brick<br />[] 2 Wood, concrete or brick (mixed)<br />[] 3 Wood<br />[] 4 Local materials<br />[] 5 Reused materials</div><br /></sva>

### CATEGORIES

Value	Category
1	Cement or brick
2	Wood, concrete, or brick (mixed)
3	Wood
4	Local materials
5	Reused materials
8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

This variable indicates the type of construction materials of the living quarter.

### UNIVERSE

Thailand 1990: Households living in private living quarters [discrepancies: type I trace; type II trace]

## concept

### CONCEPT

## TH1990A\_ADVPAY: Advanced payment

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><sva a="TH90A050" v="TH90A050 TH90A051 TH90A052 TH90A053 TH90A054">H3. Tenure of living quarter (excluding land)<br /><div class="i1">[] 1 Owner (skip to H7)<br />[] 2 Hire purchaser (skip to H7)<br />[] 3 Rent (Ask H4, H5, H6 respectively)<br />[] Rent free because <br />[] 4 Part of salary (skip to H6)<br />[] 5 In-kind (skip to H6)</div><br /></sva></p>`

`<p><sva a="all" v="TH90A052">H5. (If rent or record code 3 in H3)<br />Is there any advance payment?<br /><div class="i1">[] 1 Yes<br />[] 2 No</div><br /></sva>`

### CATEGORIES

Value	Category
1	Yes
2	No
8	Unknown

9

NIU

**description**

## DEFINITION

This variable indicates if an advanced payment was made for the living quarter.

## UNIVERSE

Thailand 1990: Private households renting the living quarters [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_BEDROOMS: Number of bedrooms**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

H9. Numbers of rooms used for sleeping  
Number of bedrooms  
Number of other rooms used for sleeping

## CATEGORIES

Value	Category
00	None
01	One room
02	Two rooms
03	Three rooms
04	Four rooms
05	Five rooms
06	Six rooms
07	Seven rooms
08	Eight rooms or more
98	Unknown
99	NIU (not in universe)

## description

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### DEFINITION

This variable indicates the number of bedrooms in the living quarter.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

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### CONCEPT

---

## TH1990A\_BUSUSE: Uses of living quarter

**Data file:** THA1990\_PHC-H-H

### Overview

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

### Questions and instructions

---

#### LITERAL QUESTION

Part III Housing questions (for private household)

H2. Is this living quarter  
 [] 1 Used for business or commercial purpose  
 [] 2 Do not use for business or commercial purpose

#### CATEGORIES

Value	Category
01	Business uses
02	Not for business uses
98	Unknown
99	NIU (not in universe)

## description

---

### DEFINITION

This variable indicates if the living quarter is used for any commercial purpose.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

---

### CONCEPT

---

**TH1990A\_DWOWNER: Dwelling owner****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<span class="h3">Part III Housing questions (for private household)</span></p>

<p><sva a="TH90A050" v="TH90A050 TH90A051 TH90A052 TH90A053 TH90A054">H3. Tenure of living quarter (excluding land)<br /><div class="i1">[] 1 Owner (skip to H7)<br />[] 2 Hire purchaser (skip to H7)<br />[] 3 Rent (Ask H4, H5, H6 respectively)<br />[] Rent free because <br />[] 4 Part of salary (skip to H6)<br />[] 5 In-kind (skip to H6)</div><br /></sva></p>

<p><sva a="all" v="TH90A053">H6. (If rent or rent free, record code 3,4,5 in H3)<br />Who is the owner of this house?<br /><div class="i1">[] 1 Government property <br />[] 2 Religious organization<br />[] 3 Government, government enterprise<br />[] 4 Private<br />[] 5 Others</div><br /></sva>

## CATEGORIES

Value	Category
1	Government property
2	Religious organization
3	Government or state enterprise
4	Private
5	Others
8	Unknown
9	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the owner of the dwelling.

## UNIVERSE

Thailand 1990: Private households that rent or rent-free the living quarters [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_DWTYPE2: Type of living quarter for private household****Data file:** THA1990\_PHC-H-H**Overview**

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

H1. Type of living quarter  
 01 Detached house  
 02 Town house  
 Apartment, flat and others  
 03 Apartment  
 04 Flat  
 05 Condominium  
 06 Others  
 07 Row house  
 08 Concrete row house  
 09 Room  
 10 Office room  
 11 Mobile  
 12 Others

### CATEGORIES

Value	Category
01	Single house
02	Town house
03	Suite, apartment
04	Flat
05	Condominium
06	Other
07	Row house
08	Row building
09	Room (within a house)
10	Office room
11	Boat, floating house, or automobile
12	Other living quarters
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates type of living quarter for private households.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_LANDOWN: Land ownership

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

H3. Tenure of living quarter (excluding land)  
 1 Owner (skip to H7)  
 2 Hire purchaser (skip to H7)  
 3 Rent (Ask H4, H5, H6 respectively)  
 Rent free because  
 4 Part of salary (skip to H6)  
 5 In-kind (skip to H6)

H7. (If owner or hire purchaser, record code 1,2 in H3)  
 Who owns the land for this household?  
 1 Owner  
 2 Hire purchaser  
 3 Rent  
 4 Rent free  
 5 Others

### CATEGORIES

Value	Category
1	Owner
2	Hire purchaser
3	Rent
4	No payment
5	Other
8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

This variable indicates land ownership of the household.

### UNIVERSE

Thailand 1990: Private households owning the living quarters [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_LANDOWNER: Owner of land

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

<p><sva r a="TH90A050" v="TH90A050 TH90A051 TH90A052 TH90A053 TH90A054">H3. Tenure of living quarter (excluding land)<br /><div class="i1">[] 1 Owner (skip to H7)<br />[] 2 Hire purchaser (skip to H7)<br />[] 3 Rent (Ask H4, H5, H6 respectively)<br />[] Rent free because <br />[] 4 Part of salary (skip to H6)<br />[] 5 In-kind (skip to H6)</div><br /></sva r></p>

<p><sva r a="all" v="TH90A055">H8. (If rent or rent free, record 3,4,5 in H7)<br />Who's the owner of the land?<br /><div class="i1">[] 1 Government property<br />[] 2 Religious organization<br />[] 3 Government, government enterprise<br />[] 4 Private<br />[] 5 Others</div><br /></sva r>

## CATEGORIES

Value	Category
1	Government property
2	Religious organization
3	Government or state enterprise
4	Private
5	Others
8	Unknown
9	NIU

**description**

## DEFINITION

This variable indicates the owner of land of the dwelling.

## UNIVERSE

Thailand 1990: Private households that rent or rent-free the land [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_LANGHHO: Other languages spoken in household**

Data file: THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva r a="all" v="TH90A046 TH90A047">k. Language usually spoken in this household<br /><div class="i1">[] 1 Thai only (skip to Part II)<br />[] 2 Thai and other languages; specify other languages \_\_\_<br />[] 3 Other languages only; specify other languages \_\_\_</div><br /></sva r>

## CATEGORIES

Value	Category
01	Japanese

02	Chinese
03	Malaysia, Yawi
04	Burma
05	Cambodia
06	Laos-Vietnamese
07	English
08	Western language
09	Tai
10	Lahu
11	Lisu
12	Akha
13	Khamu
14	Lua (Lawa)
15	Htin
16	Karen
17	Meo (Hmong)
18	Yao
19	Yunnanese Chinese
20	India
21	Others
98	Unknown
99	NIU (not in universe)

## description

---

### DEFINITION

This variable indicates the other languages spoken in the household.

### UNIVERSE

Thailand 1990: Households speaking other languages [discrepancies: none]

## concept

---

### CONCEPT

---

## TH1990A\_OWNERSHP: Tenure of living quarter (excluding land)

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

H3. Tenure of living quarter (excluding land)  
 1 Owner (skip to H7)  
 2 Hire purchaser (skip to H7)  
 3 Rent (Ask H4, H5, H6 respectively)  
 Rent free because  
 4 Part of salary (skip to H6)  
 5 In-kind (skip to H6)

### CATEGORIES

Value	Category
	NIU (not in universe)
1	Owner
2	Hire purchaser
3	Rent
4	Payment in kind for service
5	Rent free
9	Unknown

## description

### DEFINITION

This variable indicates the ownership status (excluding the land) of the living quarter.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_RENT: Rent per month

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

H3. Tenure of living quarter (excluding land)  
 1 Owner (skip to H7)  
 2 Hire purchaser (skip to H7)  
 3 Rent (Ask H4, H5, H6 respectively)  
 Rent free because  
 4 Part of salary (skip to H6)  
 5 In-kind (skip to H6)

<p><sva a="all" v="TH90A051">H4. (If rent or record code 3 in H3)<br />How much is monthly rent (in baht)? \_\_\_\_\_<br /></sva>

## description

### DEFINITION

This variable indicates the rent per month of the living quarter.

### UNIVERSE

Thailand 1990: Private households renting the living quarters [discrepancies: none]

## concept

### CONCEPT

## Imputation and derivation

### DERIVATION

This is a 5-digit numeric variable.

Codes99997 = 99997+.

99998 = Unknown.

99999 = NIU.

## TH1990A\_FUELCK: Type of cooking fuel (major use)

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<span class="h3">Part III Housing questions (for private household)</span></p>

<p><sva a="all" v="TH90A064 TH90A065">H15. What kind of cooking fuel is used in this household?<br /><div class="i1">If use only one kind, recode 'code' in the first and '0' in the second<br /><br />Major use</div><br /><div class="i2">[] 1 Charcoal<br />[] 2 Wood<br />[] 3 Gas<br />[] 4 Electricity<br />[] 5 Kerosene<br />[] 6 Others</div><br /><br /><div class="i1">Minor use</div><br /><div class="i2">[] 1 Charcoal<br />[] 2 Wood<br />[] 3 Gas<br />[] 4 Electricity<br />[] 5 Kerosene<br />[] 6 Others</div><br /></sva>

### CATEGORIES

Value	Category
	None
1	Charcoal
2	Wood
3	Gas

4	Electricity
5	Kerosene
6	Others
8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

This variable indicates the major type of cooking fuel in the household.

### UNIVERSE

Thailand 1990: Private households that have kitchen [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_FUELCK2: Type of cooking fuel (minor use)

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><sva a="all" v="TH90A064 TH90A065">H15. What kind of cooking fuel is used in this household?<br /><div class="i1">If use only one kind, recode 'code' in the first and '0' in the second)<br /><br /><div class="i2">[] 1 Charcoal<br />[] 2 Wood<br />[] 3 Gas<br />[] 4 Electricity<br />[] 5 Kerosene<br />[] 6 Others</div><br /><br /><div class="i1">Minor use</div><br /><div class="i2">[] 1 Charcoal<br />[] 2 Wood<br />[] 3 Gas<br />[] 4 Electricity<br />[] 5 Kerosene<br />[] 6 Others</div><br /></sva>`

### CATEGORIES

Value	Category
	None
1	Charcoal
2	Wood
3	Gas
4	Electric
5	Kerosene
6	Others
8	Unknown

9	NIU (not in universe)
---	-----------------------

## description

### DEFINITION

This variable indicates the minor type of cooking fuel used in the household.

### UNIVERSE

Thailand 1990: Private households that have kitchen [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_KITCHEN: Location of kitchen

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><sva a="all" v="TH90A063">H14. Where [place] does the household cook?<br /><div class="i1">Kitchen</div><br /><div class="i2">[] 1 Exclusive<br />[] 2 Shared</div><br /><div class="i1">[] 3 Terrace, Veranda<br />[] 4 Others<br />[] 5 Not cooking (skip to H16)</div><br /></sva>`

### CATEGORIES

Value	Category
	NIU (not in universe)
1	Kitchen, exclusive
2	Kitchen, shared
3	Terrace, veranda
4	Others
5	Not cooking
9	Unknown

## description

### DEFINITION

This variable indicates the location of the kitchen used by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_LIGHTING: Type of lighting****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

H12. What kind of light is used in this household?  
 1 Electricity  
 2 Pressure lamp  
 3 Oil lamp  
 4 Others

## CATEGORIES

Value	Category
1	Electricity
2	Pressure lamp
3	Oil lamp
4	Others
8	Unknown
9	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the type of lighting used by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_OTHROOMS: Number of other rooms****Data file:** THA1990\_PHC-H-H**Overview**

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

H9. Numbers of rooms used for sleeping  
Number of bedrooms  
Number of other rooms used for sleeping

### CATEGORIES

Value	Category
00	None
01	One room
02	Two rooms
03	Three rooms
04	Four rooms
05	Five rooms
06	Six rooms
07	Seven rooms
08	Eight rooms or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the number of other rooms used for sleeping in the living quarter.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_RADIO: Radio

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

<p><sva a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the \_ [blank space]. If no record '0'.<br /><br />[] Radio \_\_ <br />[] Color-television \_ <br />[] Black and white television \_\_ <br />[] Video-tape \_\_ <br />[] Electric iron \_\_ <br />[] Electric rice cooking \_\_ <br />[] Electric-fan \_\_ <br />[] Sewing machine \_\_ <br />[] Vacuum cleaner \_\_ <br />[] Refrigerator \_\_ <br />[] Washing machine \_\_ <br />[] Air-conditioner \_\_ <br />[] Telephone \_\_ <br />[] Bicycle \_\_ <br />[] Motorcycle \_\_ <br />[] Car \_\_ <br />[] Engine operated boats \_\_ <br />[] Water pumps \_\_ <br />[] Plough machine \_\_ <br />[] Local farm truck \_\_ </div><br /></sva>

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

## DEFINITION

This variable indicates the number of radios owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

## CONCEPT

### TH1990A\_TOILET: Type of toilet

Data file: THA1990\_PHC-H-H

## Overview

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

## Questions and instructions

## LITERAL QUESTION

<span class="h3">Part III Housing questions (for private household)</span></p>

<p><svar a="all" v="TH90A062">H13. What kind of toilet is used in this household?<br /><div class="i1">Flush</div><br /><div class="i2">[] 1 Exclusive<br />[] 2 Shared</div><br /><div class="i1">Moulded bucket latrine</div><br /><div class="i2">[] 3 Exclusive<br />[] 4 Shared</div><br /><div class="i1">Flush and moulded bucket latrine</div><br /><div class="i2">[] 5 Exclusive<br />[] 6 Shared</div><br /><div class="i1">[] 7 Pit others<br />[] 8 None</div><br /></svar>

## CATEGORIES

Value	Category
	NIU (not in universe)
1	Flush, exclusive
2	Flush, shared
3	Moulded bucket latrine, exclusive
4	Moulded bucket latrine, shared
5	Flush and moulded latrine, exclusive
6	Flush and moulded latrine, shared
7	Pits and others
8	None
9	Unknown

## description

## DEFINITION

This variable indicates the type of toilet used by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

## CONCEPT

## TH1990A\_WATER: Type of drinking water

Data file: THA1990\_PHC-H-H

## Overview

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

## Questions and instructions

## LITERAL QUESTION

<span class="h3">Part III Housing questions (for private household)</span></p>

<p><svar a="all" v="TH90A058">H10. What kind of drinking water is used in this household?<br /><div class="i1">[] 1 Piped water, inside<br />[] 2 Piped water, outside<br />[] 3 Public well<br />[] 4 Private well<br />[] 5 Rain water<br />[] 6 River, canal, stream, waterfall<br />[] 7 Bottled drinking<br />[] 8 Others</div><br /></svar>

## CATEGORIES

Value	Category
	NIU (not in universe)
1	Piped water, inside
2	Piped water, outside
3	Public well
4	Private well
5	Rain water
6	River, canal, stream, waterfall
7	Bottle water
8	Others
9	Unknown

## description

### DEFINITION

This variable indicates the source of drinking water for the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_WATSUP: Type of water supply (major use)

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><sva a="all" v="TH90A059 TH90A060">H11. What kind of water is used in this household? If use only one source, recode 'code' in the first and '0' in the second)<br /><div class="i1">Major use</div><br /><div class="i2">[] 1 Piped water, inside<br />[] 2 Piped water, outside<br />[] 3 Public well<br />[] 4 Private well<br />[] 5 Rain water<br />[] 6 River, canal, stream, waterfall<br />[] 7 Others</div><br /><br /><div class="i1">Minor use</div><br /><div class="i2">[] 1 Piped water, inside<br />[] 2 Piped water, outside<br />[] 3 Public well<br />[] 4 Private well<br />[] 5 Rain water<br />[] 6 River, canal, stream, waterfall<br />[] 7 Others</div><br /></sva>`

### CATEGORIES

Value	Category
	NIU (not in universe)

1	Piped water, inside
2	Piped water, outside
3	Public well
4	Private well
5	Rain water
6	River, canal, stream, waterfall
7	Others
9	Unknown

## description

### DEFINITION

This variable indicates the major type of water supply for the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_WATSUP2: Type of water supply (minor use)

Data file: THA1990\_PHC-H-H

### Overview

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

### Questions and instructions

#### LITERAL QUESTION

Part III Housing questions (for private household)

<p><svvar a="all" v="TH90A059 TH90A060">H11. What kind of water is used in this household? If use only one source, recode 'code' in the first and '0' in the second)<br /><div class="i1">Major use</div><br /><div class="i2">[ ] 1 Piped water, inside<br />[ ] 2 Piped water, outside<br />[ ] 3 Public well<br />[ ] 4 Private well<br />[ ] 5 Rain water<br />[ ] 6 River, canal, stream, waterfall<br />[ ] 7 Others</div><br /><br /><div class="i1">Minor use</div><br /><div class="i2">[ ] 1 Piped water, inside<br />[ ] 2 Piped water, outside<br />[ ] 3 Public well<br />[ ] 4 Private well<br />[ ] 5 Rain water<br />[ ] 6 River, canal, stream, waterfall<br />[ ] 7 Others</div><br /></svvar>

#### CATEGORIES

Value	Category
00	None
01	Piped water, inside
02	Piped water, outside
03	Public well

04	Private well
05	Rain water
06	River, canal, stream, waterfall
07	Others
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the minor type of water supply for the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_COOKER: Electric rice cooker

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

### CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three

04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates number of electric rice cookers owned by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_FAN: Electric fan

**Data file:** THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

```
<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>
```

### CATEGORIES

Value	Category
00	None
01	One
02	Two

03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the number of electric fans owned by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_FRIDGE: Refrigerator

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<span class="h3">Part III Housing questions (for private household)</span></p>

<p><sva a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the \_ [blank space]. If no record '0'.<br /><br />[] Radio \_\_<br />[] Color-television \_\_<br />[] Black and white television \_\_<br />[] Video-tape \_\_<br />[] Electric iron \_\_<br />[] Electric rice cooking \_\_<br />[] Electric-fan \_\_<br />[] Sewing machine \_\_<br />[] Vacuum cleaner \_\_<br />[] Refrigerator \_\_<br />[] Washing machine \_\_<br />[] Air-conditioner \_\_<br />[] Telephone \_\_<br />[] Bicycle \_\_<br />[] Motorcycle \_\_<br />[] Car \_\_<br />[] Engine operated boats \_\_<br />[] Water pumps \_\_<br />[] Plough machine \_\_<br />[] Local farm truck \_\_</div><br /></sva>

### CATEGORIES

Value	Category
00	None
01	One

02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates number of refrigerators owned by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_IRON: Electric iron

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

```
<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074
TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084
TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br
/><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __
<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br
/>[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing
machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br
/>[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br
/></svar>
```

### CATEGORIES

Value	Category
00	None

01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the number of electric irons owned by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_SEWMACH: Sewing machine

Data file: THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

### CATEGORIES

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

00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the number of sewing machines owned by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_TV BW: Black and white television

**Data file:** THA1990\_PHC-H-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

### CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the number of black and white television sets owned by the household.

### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_TVCOLOR: Color television

Data file: THA1990\_PHC-H-H

### Overview

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

### Questions and instructions

#### LITERAL QUESTION

Part III Housing questions (for private household)

```
<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074
TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084
TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br
/><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television _
__<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br
/>[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing
machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br
/>[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br
/></svar>
```

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of color televisions owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_VACUUM: Vacuum cleaner**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of vacuum cleaners owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_VCR: Video tape appliance**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

```
<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074
TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084
TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br
/><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television _
__<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br
/>[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing
machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br
/>[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br
/></svar>
```

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

The variable indicates the number of video cassette recorders owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_WASHER: Washing machine**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of washing machines owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_AIRCOND: Air conditioner**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of air conditioners owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_BIKE: Bicycle**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of bicycles owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_BOAT: Engine operated boats**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of engine operated boats owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_CAR: Car**

**Data file:** THA1990\_PHC-H-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of cars owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_HHWT: Weight**

**Data file:** THA1990\_PHC-H-H

**Overview**

Type: Continuous    Decimal: 2    Width: 5    Range: -    Format: Numeric

**description**

## DEFINITION

This variable indicates household weight. The collectives were given the weighted average of known cases.

## UNIVERSE

Thailand 1990: All households

**concept**

## CONCEPT

## Imputation and derivation

### DERIVATION

This is a 5-digit numeric variable with 2 implied decimal places

### TH1990A\_MOTO: Motorcycle

**Data file:** THA1990\_PHC-H-H

#### Overview

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

#### Questions and instructions

##### LITERAL QUESTION

Part III Housing questions (for private household)

`<p><svar a="all" v="TH90A066 TH90A067 TH90A068 TH90A069 TH90A070 TH90A071 TH90A072 TH90A073 TH90A074 TH90A075 TH90A076 TH90A077 TH90A078 TH90A079 TH90A080 TH90A081 TH90A082 TH90A083 TH90A084 TH90A085">H16. Household appliance (on April 1, 1990)<br />Does this household have any of these appliances? <br /><div class="i1">Record number in the _ [blank space]. If no record '0'.<br /><br />[] Radio __<br />[] Color-television __<br />[] Black and white television __<br />[] Video-tape __<br />[] Electric iron __<br />[] Electric rice cooking __<br />[] Electric-fan __<br />[] Sewing machine __<br />[] Vacuum cleaner __<br />[] Refrigerator __<br />[] Washing machine __<br />[] Air-conditioner __<br />[] Telephone __<br />[] Bicycle __<br />[] Motorcycle __<br />[] Car __<br />[] Engine operated boats __<br />[] Water pumps __<br />[] Plough machine __<br />[] Local farm truck __</div><br /></svar>`

##### CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

#### description

##### DEFINITION

This variable indicates the number of motorcycles owned by the household.

##### UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

CONCEPT

**TH1990A\_PHONE: Telephone****Data file: THA1990\_PHC-H-H****Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

H16. Household appliance (on April 1, 1990) Does this household have any of these appliances?  Radio  Color-television  Black and white television  Video-tape  Electric iron  Electric rice cooking  Electric-fan  Sewing machine  Vacuum cleaner  Refrigerator  Washing machine  Air-conditioner  Telephone  Bicycle  Motorcycle  Car  Engine operated boats  Water pumps  Plough machine  Local farm truck

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of telephones owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_PLOW: Plough machine****Data file: THA1990\_PHC-H-H****Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

H16. Household appliance (on April 1, 1990) Does this household have any of these appliances?   
 Record number in the [blank space]. If no record '0'.   
 Radio  Color-television    
 Black and white television  Video-tape  Electric iron  Electric rice cooking    
 Electric-fan  Sewing machine  Vacuum cleaner  Refrigerator  Washing   
 machine  Air-conditioner  Telephone  Bicycle  Motorcycle  Car    
 Engine operated boats  Water pumps  Plough machine  Local farm truck

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of plough machines owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_PUMP: Water pumps****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

H16. Household appliance (on April 1, 1990) Does this household have any of these appliances?   
 Record number in the \_ [blank space]. If no record '0'.   
 Radio \_\_   
 Color-television \_\_   
 Black and white television \_\_   
 Video-tape \_\_   
 Electric iron \_\_   
 Electric rice cooking \_\_   
 Electric-fan \_\_   
 Sewing machine \_\_   
 Vacuum cleaner \_\_   
 Refrigerator \_\_   
 Washing machine \_\_   
 Air-conditioner \_\_   
 Telephone \_\_   
 Bicycle \_\_   
 Motorcycle \_\_   
 Car \_\_   
 Engine operated boats \_\_   
 Water pumps \_\_   
 Plough machine \_\_   
 Local farm truck \_\_

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of water pumps owned by the household.

## UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_TRUCK: Local farm truck****Data file:** THA1990\_PHC-H-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

Part III Housing questions (for private household)

H16. Household appliance (on April 1, 1990) Does this household have any of these appliances?   
 Record number in the [blank space]. If no record '0'.   
 Radio  Color-television  Black and white television  Video-tape  Electric iron  Electric rice cooking  Electric-fan  Sewing machine  Vacuum cleaner  Refrigerator  Washing machine  Air-conditioner  Telephone  Bicycle  Motorcycle  Car  Engine operated boats  Water pumps  Plough machine  Local farm truck

## CATEGORIES

Value	Category
00	None
01	One
02	Two
03	Three
04	Four
05	Five
06	Six
07	Seven
08	Eight or more
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the number of local farm trucks owned by the household.

UNIVERSE

Thailand 1990: Private households [discrepancies: none]

**concept**

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CONCEPT

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**MOMLOC: Mother's location in household****Data file:** THA1990\_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:** THA1990\_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

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### CONCEPT

---

### **PERNUM: Person number**

**Data file: THA1990\_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

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### CONCEPT

## Imputation and derivation

---

### DERIVATION

PERNUM is a 4-digit numeric variable.

---

## PERWT: Person weight

**Data file:** THA1990\_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

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#### 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:** THA1990\_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:** THA1990\_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:** THA1990\_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:** THA1990\_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:** THA1990\_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: THA1990\_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: THA1990\_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
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071	71
072	72
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074	74
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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: THA1990\_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
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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: THA1990\_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
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0018	18
0019	19
0020	20
0021	21
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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

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### CONCEPT

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### **FAMUNIT: Family unit membership**

**Data file:** THA1990\_PHC-P-H

### Overview

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

## description

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### 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

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### CONCEPT

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## Imputation and derivation

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### 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:** THA1990\_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:** THA1990\_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: THA1990\_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: THA1990\_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: THA1990\_PHC-P-H

#### Overview

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

## Questions and instructions

### CATEGORIES

<b>Value</b>	<b>Category</b>
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: THA1990\_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
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21	21
22	22
23	23
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27	27
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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:** THA1990\_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

### **BIRTHMO: Month of birth**

Data file: THA1990\_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

BIRTHMO indicates the person's month of birth.

**concept**

## CONCEPT

**BIRTHYR: Year of birth**

Data file: THA1990\_PHC-P-H

**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
0000	NIU (not in universe)
1628	1628
1629	1629
1630	1630
1631	1631
1634	1634
1635	1635
1636	1636
1637	1637
1638	1638
1639	1639
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1641	1641
1642	1642
1643	1643
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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
9999	Unknown

## description

### DEFINITION

BIRTHYR gives the person's year of birth.

## concept

### CONCEPT

## CHBORN: Children ever born

**Data file:** THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
00	No children
01	1 child
02	2 children
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30+
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

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

**concept**

## CONCEPT

**CHDEAD: Number of children dead****Data file:** THA1990\_PHC-P-H**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
00	None
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20+
98	Unknown/missing
99	NIU (not in universe)

**description**

## DEFINITION

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

**concept**

## CONCEPT

**CHSURV: Children surviving**

**Data file:** THA1990\_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

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### DEFINITION

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

## concept

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### CONCEPT

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## HOMECHILD: Number of own children in household

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

---

### CATEGORIES

Value	Category
00	
01	1
02	2
03	3
04	4
05	5
06	6

07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20+
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

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

## concept

### CONCEPT

## MARST: Marital status [general version]

Data file: THA1990\_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: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
000	NIU (not in universe)
100	Single/never married
110	Engaged
111	Never married and never cohabited
200	Married or consensual union
210	Married, formally
211	Married, civil
212	Married, religious
213	Married, civil and religious
214	Married, civil or religious
215	Married, traditional/customary
216	Married, monogamous
217	Married, polygamous
219	Married, spouse absent (historical samples)
220	Consensual union
300	Separated/divorced/spouse absent

310	Separated or divorced
320	Separated or annulled
330	Separated
331	Separated legally
332	Separated de facto
333	Separated from marriage
334	Separated from consensual union
335	Separated from consensual union or marriage
340	Annulled
350	Divorced
400	Widowed
410	Widowed or divorced
411	Widowed from consensual union or marriage
412	Widowed from marriage
413	Widowed from consensual union
420	Widowed, divorced, or separated
999	Unknown/missing

## description

### DEFINITION

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

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

## concept

### CONCEPT

### SEX: Sex

Data file: THA1990\_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

## AWAYCHILD: Number of own children living elsewhere

Data file: THA1990\_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

### BPLCOUNTRY: Country of birth

Data file: THA1990\_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

## BPLTH: Province of birth, Thailand

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
10	Bangkok
11	Samut Prakan
12	Nonthaburi
13	Pathum Thani
14	Phra Nakhon si Ayutthaya
15	Ang Thong
16	Lop Buri
17	Sing Buri
18	Chai Nat
19	Sa Kaeo

20	Chon buri
21	Rayong
22	Chanthaburi
23	Trat
24	Chachoengsao
25	Prachin Buri
26	Nakhon Nayok
27	Saraburi
70	Ratchaburi
71	Kanchanaburi
72	Suphanburi
73	Nakhon Pathom
74	Samut Sakhon
75	Samut Songkhram
76	Phetchaburi
77	Prachuap Khiri Khan
30	Nakhon Ratchasima
31	Buri Ram
32	Surin
33	Si Sa Ket
34	Ubon Ratchathani
35	Yasothon
36	Chaiyaphum
37	Amnat Charoen
39	Nong Bua Lam Phu
40	Khon Kaen
41	Udon Thani
42	Loei
43	Nong Khai
44	Maha Sarakham
45	Roi Et
46	Kalasin
47	Sakon Nakhon
48	Nakhon Phanom
49	Mukdahan
50	Chiang Mai
51	Lamphun
52	Lampang
53	Uttaradit

54	Phrae
55	Nan
56	Phayao
57	Chiang Rai
58	Mae Hong Son
60	Nakhon Sawan
61	Uthai Thani
62	Kamphaeng Phet
63	Tak
64	Sukhothai
65	Phitsanulok
66	Phichit
67	Phetchabun
80	Nakhon Si Thammarat
81	Krabi
82	Phangnga
83	Phuket
84	Surat Thani
85	Ranong
86	Chumphon
90	Songkhla
91	Satun
92	Trang
93	Phatthalung
94	Pattani
95	Yala
96	Narathiwat
97	Unknown province within Thailand
98	Foreign country
99	Unknown

## description

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### DEFINITION

BPLTH indicates the person's province of birth within Thailand.

## concept

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### CONCEPT

**EDATTAIN: Educational attainment, international recode [general version]****Data file:** THA1990\_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:** THA1990\_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

#### **LIT: Literacy**

**Data file: THA1990\_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

**NATIVITY: Nativity status**

Data file: THA1990\_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

**RELIGION: Religion [general version]****Data file:** THA1990\_PHC-P-H**Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
	NIU (not in universe)
1	No religion
2	Buddhist
3	Hindu
4	Jewish
5	Muslim
6	Christian
7	Other
9	Unknown

**description**

## DEFINITION

RELIGION indicates the person's religion, including "none."

**concept**

## CONCEPT

**RELIGIOND: Religion [detailed version]****Data file:** THA1990\_PHC-P-H**Overview**

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

## Questions and instructions

### CATEGORIES

Value	Category
0000	NIU (not in universe)
1000	No religion
1001	Atheist
1002	Agnostic
1003	Without religion
2000	Buddhist
3000	Hindu
4000	Jewish
5000	Muslim
5005	Ahmadis
5006	Sunni
6000	Christian
6001	Catholic (Roman or unspecified)
6002	Orthodox
6003	Protestant
6004	Evangelical protestant
6005	Pentecostal
6006	Adventist / Seventh-day adventist
6007	Anglican
6008	Assembly of God
6009	Baptist
6010	Church of the Nazarene
6011	Congregational
6012	Dutch Reformed
6013	Episcopalian
6014	Jehovah's Witnesses
6015	Latter Day Saints (Mormon)
6016	Lutheran
6017	Mennonite
6018	Methodist
6019	New Apostolic
6020	Presbyterian
6021	Zion Christian
6022	Moravian
6090	Other Christian, historical

6100	Other Christian, Armenia
6101	Armenia apostolic
6102	Nestorian
6103	Molokai
6104	Other Christian, Austria
6105	Old Catholic
6106	Protestant, Augsburg confession
6107	Protestant, Westminster confession
6108	Protestant, Helvetic confession
6109	Greek Oriental
6110	Armenian Apostolic
6111	Other Protestant
6112	Christian Community for renewal
6113	Christian Community, not specified
6114	Other Christian, Benin
6115	Other Christian
6116	Celestial
6117	Other Christian, Brazil
6118	Christian Congregation of Brazil
6119	Brazilian Catholic Apostolic
6120	Brazil for Christ
6121	Foursquare Gospel
6122	Universal of the Kingdom of God
6123	House of the Blessing
6124	House of Prayer
6125	God is Love
6126	Maranata
6127	Other Christian, Brazil 1991
6128	Undetermined Protestant
6129	Other traditional Protestant
6130	Neo-Christian
6131	Other Neo-Christian
6132	Undetermined Christian
6133	Other Christian, Brazil 2000
6134	Other Catholic
6135	Renewed Evangelical Protestant without institutional ties
6136	Pentecostal Evangelical without institutional ties
6137	New Life Evangelical Protestant Pentecostal
6138	Evangelical Protestant Biblical Revival Pentecostal

6139	Chain Of Prayer Pentecostal
6140	Undetermined Evangelical Protestant
6141	Religion Of God
6142	Christian without institutional ties
6143	Other Christian, Brazil 2010
6144	Salvation Army
6145	Other Christian, Canada
6146	Other Catholic
6147	United Church
6148	Protestant, not specified
6149	Other Protestant
6150	Other Christian, Cameroon
6151	Other Christian, Fiji
6152	Christian undefined
6153	Church of England
6154	Gospel Hall and Brethern
6155	Christian Mission Fellowship (CMF) or Every Home
6156	Salvation Army
6157	All Nations Christian Fellowship
6158	Apostles Gospel Outreach Fellowship
6159	Christian Outreach Centre
6160	Other Christian
6161	Other Christian, Germany
6162	Oriental Christian
6163	Other Christian, Ghana
6164	Other Christian, Iran
6165	Assyrian or Chaldean
6166	Armenian
6167	Other Christians
6168	Other Christian, Indonesia
6169	Other Christian
6170	Protestant/Other Christian
6171	Other Christian, Ireland
6172	Church of Ireland
6173	Church of Scotland
6174	Independent
6175	Unitarian
6176	Salvation Army
6177	Free Church

6178	Brethren
6179	Christian Brethren
6180	Plymouth Brethren
6181	Quaker
6182	Other Christians
6183	Other Christian, Ivory Coast
6184	Other Christian, Jamaica
6185	Brethren
6186	Church of God
6187	Church of God of Prophecy
6188	Other Church of God
6189	United Church
6190	Salvation Army
6191	New Testament
6192	Disciples of Christ
6193	Other Christian, Mauritius
6194	Christian Tamil
6195	Salvation and Healing Mission
6196	Voice of Deliverance
6197	Other Christian
6198	Other Christian, Mexico
6199	Anabaptist
6200	Calvinist
6201	Cuaquera
6202	Disciples of Christ
6203	Christian Friendship Church
6204	Prayer House Church
6205	Faith Center
6206	Agape Force Church
6207	Alpha and Omega Church
6208	Living Water Church
6209	Apostolic Church
6210	Church of God
6211	Church of God of Prophecy
6212	Complete Gospel Church
6213	Evangelical Siblings Church
6214	Upper Room Church
6215	Pentecostal Indigenous Church
6216	Angular Stone Voice Church

6217	Pentecostal Missionary
6218	Christian
6219	Christian Societies
6220	Evangelical
6221	Evangelical Societies
6222	New Testament Evangelical
6223	Pentecostal
6224	Pentecostal Societies
6225	Independent Pentecostal
6226	Evangelical Christian Societies
6227	Pentecostal Christian Societies
6228	Evangelical Pentecostal Societies
6229	Evangelical Pentecostal Christian Societies
6230	Soldiers of Christ's Cross Church
6231	Tabernacle
6232	Traditionalists
6233	Other Evangelical Pentecostal Societies
6234	Pentecostal not clearly specified
6235	Living God, Light of the World
6236	Christian and Missionary Alliance
6237	Non-Pentecostal Apostolic
6238	Evangelical Associations
6239	Biblical
6240	Confraternities
6241	Christ Church
6242	Peace Grace and Misericordia Church
6243	Open Bible Church
6244	Holiness Church
6245	Evangelical Salem Church
6246	Beautiful Woman Dressed in the Sun
6247	Messianic Church
6248	Evangelical Ministers
6249	Evangelical Missionaries
6250	Evangelical Movements
6251	New Jerusalem
6252	World Vision Church
6253	Evangelical not clearly specified
6254	Biblical - non-evangelicals
6255	Other Christians not clearly specified

6256	Assumptionist
6257	Carmelite
6258	Claretian
6259	Conception Franciscan
6260	Maronite Diocese of Mexico
6261	Dominican
6262	Servants of Mary Immaculate
6263	Franciscan
6264	Guadalupan
6265	Daughters of the Immaculate Conception
6266	Jesuit
6267	Legionaries of Christ
6268	Divine Word Missionary
6269	Pauline
6270	Sacred Heart
6271	Saint Joseph of Tarbes
6272	Servant of the Lord and the Virgin
6273	Servant of Jesus
6274	Greek Catholic Church
6275	Reformed Roman Catholic Church
6276	Mexican National Catholic Church
6277	Tridentine Latin Rite Catholic Church
6278	Priestly Society Trento
6279	Mexican Catholic Union of Trento
6280	Anabaptist / Memnonite
6281	Anglican / Episcopal
6282	House of Prayer
6283	Center of Faith, Hope and Love of the Missionary Revival Crusade
6284	Center of Faith, Hope and Love Agape Force
6285	Salvation Army
6286	Independent Pentecostal Fellowship
6287	Upper Chamber Church
6288	Faith Apostolic Church of Jesus Christ
6289	Spiritual Christian Church
6290	Pentecostal Evangelical Christian Church
6291	Interdenominational Christian Church
6292	Church of God Full Gospel in Mexico
6293	Church of Jesus Christ on the Rock
6294	Christ Evangelical Pentecostal Church Rock of my Salvation

6295	Mexican Church of Christ's Gospel Pentecost
6296	United Pentecostal Church of Mexico
6297	Universal Church of the Kingdom of God
6298	Only Christ Savior Christian Church
6299	Independent Evangelical Pentecostal Movement
6300	Prince of Peace
6301	National Union of Evangelical Christian Churches (UNICE)
6302	Union of Independent Evangelical Churches
6303	Other associations Pentecostal
6304	Church of the Living God, Pillar and Support of Truth, the Light of the World
6305	Bible Church
6306	Interdenominational Christian Church in Mexico
6307	Church of Christ
6308	Honey Church of Christ
6309	Independent Evangelical Church in Mexico
6310	Renewed Church of Jesus Christ and the Apostles of Divine Love
6311	Other Christian and Evangelical associations without Pentecostal support
6312	Faith Christian Church
6313	Traditional Apostolic Catholic Holy Church Mexico-USA
6314	Mexican Apostolic Catholic Church
6315	Elias
6316	Spiritualistic
6317	Spiritualist
6318	Marian Trinitarian Spirituality
6319	Spirituality of the Third Age
6320	Christian Spiritual
6321	Judiciary Society Reign of Leonardo Alcalá Leos
6322	Spirituality for the Divine Master and the purity of Mary
6323	Light and Hope
6324	Holy Spirit, Purity, Love and Light
6325	Christian Science
6326	Neo-Israelite Jewish Syncretic Movements
6327	Other Christian, Netherlands
6328	Reformed Churches in The Netherlands
6329	Other Reformed
6330	Other Christian, Papua New Guinea
6331	Asian Pacific Christian Mission
6332	Asutalian Church
6333	Bamu River Mission

6334	Christian Brethren Church of PNG
6335	Christian Mission of Many Lands
6336	Christian Revival Crusade
6337	Christain Union Mission
6338	Church of Christ of PNG
6339	Faith mission
6340	Four Square Gospel Mission
6341	Kwato Church
6342	Life Center
6343	Lighthouse church
6344	New Guinea Gospel Mission
6345	New Life Mission
6346	New tribes Mission
6347	Paliau Christian Native Church
6348	Rhema Fellowship
6349	Salvation Army
6350	Sovereign Grace
6351	United Church
6352	Wewak Fellowship
6353	Western Highland
6354	Independent
6355	Plymouth Brethern
6356	Tiliba Mission
6357	Tokarara Christian Fellowship
6358	Village Mission
6359	Other Christian
6360	Other Christian, Paraguay
6361	Christian Community
6362	Free Brothers
6363	Church of God
6364	Church of God of Prophecy
6365	New testament
6366	God is love
6367	Universal Church of the Kingdom of God
6368	People of God
6369	Family worship center
6370	Pseudo-Christian groups
6371	Other Christian, Philippines
6372	Aglipay

6373	Bible Christian Committees
6374	Born-again Christian
6375	Bread of Life Ministries
6376	Cathedral of Praise, Incorporated
6377	Charismatic Full Gospel Ministries
6378	Christ the Living Stone Fellowship
6379	Christian and Missionary Alliance
6380	Christians Missions
6381	Christian Reformed Church in the Philippines, Incorporated
6382	Church of Christ
6383	Crusaders of the Divine Church of Christ, Incorporated
6384	Evangelical Christian Outreach Foundation
6385	Evangelical Free Church
6386	Filipino Assemblies of the First Born Inc.
6387	Foursquare Gospel
6388	Free Believers in Christ Fellowship
6389	Free Mission in the Philippines Inc.
6390	God World Mission
6391	Good News Christian Churches
6392	IEMELIF Reform Movement
6393	Iglesia Evangelista Methodista en Las
6394	Iglesia Evangelica Unida de Cristo
6395	Iglesia ni Cristo
6396	Iglesia sa Dios Espiritu Santo, Incorporated
6397	Jesus Christ Saves Global Outreach
6398	Jesus is Alive Community, Incorporated
6399	Jesus is Lord Church
6400	Jesus Reigns Ministries
6401	Love of Christ International Ministries
6402	Other Evangelical
6403	Other Evangelical Church
6404	Other Protestants
6405	Philippine Ecumenical Christian Church
6406	Philippine Evangelical Mission
6407	Philippine Grace Gospel Fellowship
6408	Philippines Benevolent Missionaries
6409	Philippines General Council of the Assemblies of God
6410	Potter's House Christian Center
6411	Salvation Army Philippines

6412	Take the Nation for Jesus Global Ministries (Corpus Christi)
6413	UNIDA Evangelical Church
6414	Union Espiritista Cristiana de Filipinas, Incorporated
6415	United Church of Christ in the Philippines
6416	United Evangelical Church of the Philippines (Chinese)
6417	Victory Chapel Christian Fellowship
6418	Wesleyan Church
6419	World Missionary Evangelism
6420	Worldwide Church of God
6421	Zion Christian Community Church
6422	Other Christian, Portugal
6423	Other Christian, Romania
6424	Greek Catholic
6425	Reformed Church
6426	Evangelic of Augustan Confession
6427	Evangelic Synodo-Presbyterian
6428	Christian of Old Rite
6429	Christian by Gospel
6430	Evangelic
6431	Other Christian, Rwanda 2002
6432	Other Christian, Sierra Leone
6433	Other Christian, Slovak Republic
6434	Old Catholic
6435	Greek Catholic
6436	Christian Reformed
6437	Other Christian, South Africa
6438	Reformed
6439	International Fellowship of Christian Churches
6440	Apostolic Faith Mission of SA
6441	Other Apostolic Churches
6442	Pinkster Protestant Church
6443	Afrikaanse Protestant Church
6444	Full Gospel Church of God in Southern Africa
6445	Pentecostal Churches
6446	Salvation Army
6447	Bandla Lama Nazaretha
6448	African Methodist Episcopal Church
6449	St John's Apostolic Church
6450	International Pentecost Church

6451	Ethiopian type churches
6452	Ethnic churches
6453	Other African Independent Churches
6454	Other Christian Churches
6455	Other Catholic Churches
6456	Other Pentecostal Churches
6457	Other Orthodox Churches
6458	Other African Apostolic churches
6459	Other Assemblies
6460	Christian Scientist
6461	Christian Centres
6462	Other Evangelical Churches
6463	Other Charismatic Churches
6464	Just a Christian or non-denominational
6465	Other
6466	Other Christian, Suriname
6467	Other Christian
6468	Other Christian, Saint Lucia
6469	Church of God
6470	Other Christian, Senegal
6471	Other Christian
6472	Other Christian, Switzerland
6473	Other protestant churches and communities
6474	Christ-Catholic church
6475	Other Christian communities
6476	Other Christian, Trinidad and Tobago
6477	Church of God
6478	African Methodist Espiscopalians
6479	Brethren, Christian or Plymouth
6480	Church of Christ
6481	Gospel Hall or Gospel Missionary
6482	Nazarenes
6483	Pilgrim Holiness
6484	Ethiopian Orthodox
6485	Open Bible Church
6486	Assemblies of Yahweh
6487	Evangelical Church of West Indies
6488	Christadelphian
6489	Full Gospel Fellowship

6490	Dutch Reform
6491	Christian Brotherhood Assembly
6492	Other Christian, Uganda
6493	Other Christian
6494	Salvation Army
6495	Other Christian non-Catholic, Uruguay
6496	Other Christian non-Catholic, Guatemala
6497	Other Christian, Togo
7000	Other
7001	Bahai
7002	Sikh
7003	Rastafarian
7100	Other, Armenia
7101	Pagan
7102	Shar-fadinian
7103	Other, Austria
7104	Unification Church, Austria
7105	Other, Benin
7106	Traditional
7107	Vodoun
7108	Other, Botswana
7109	Badimo
7110	Other, Brazil
7111	Spiritist
7112	Kardecist Spiritist
7113	Afro Spiritist
7114	Mediumistic Spiritist
7115	Umbandist Mediumistic
7116	Candomblecist Mediumistic
7117	Other Afro-Brazilian
7118	Oriental, Brazil
7119	New Oriental
7120	Oriental Seicho No-le
7121	Other Oriental, Brazil
7122	Esoteric, Brazil
7123	Indigenous, Brazil
7124	Other minority groups, Brazil
7125	Other, Burkina Faso
7126	Animist

7127	Other, Cameroon
7128	Animist
7129	Other, Canada
7130	Eastern religions, Canada
7131	Other, Chile
7132	Theosophism
7133	Shintoism
7134	Other, Ethiopia
7135	Traditional
7136	Other, Ethiopia
7137	Other, Fiji
7138	Confucian
7139	Kabir Panthi
7140	Satya Sai Baba
7141	Bahai
7142	Other non-Christian, Fiji
7143	Other, Germany
7144	Other, Germany
7145	Other, Ghana
7146	Traditional, Ghana
7147	Other, Guinea
7148	Animist
7149	Other, Guinea
7150	Other, Haiti
7151	Voodoo
7152	Other, India
7153	Jainism
7154	Zoroastrianism
7155	Other, India
7156	Other, Indonesia
7157	Confucianism
7158	Other, Indonesia
7159	Other, Iran
7160	Zoroastrian
7161	Other, Iran
7162	Other, Ivory Coast
7163	Animist
7164	Harrist
7165	Other, Jamaica

7166	Muslim/Hindu
7167	Other, Israel
7168	Druse
7169	Other, Israel
7170	Other, Laos
7171	Animist
7172	Other, Liberia
7173	Traditional
7174	Other, Malaysia
7175	Confucianism/Taoism
7176	Tribal/Folk religion, Malaysia
7177	Other, Mali
7178	Animist
7179	Other, Mexico
7180	Brahmanism
7181	Hare Krishna
7182	Shintoism
7183	Taoism
7184	Mexican Movements
7185	Ananda Marga
7186	Church of Scientology
7187	Masons
7188	Raelian Movement
7189	New Age Movement
7190	Neoisraelites
7191	Occultists
7192	Palmar of Troya
7193	Rose Cross
7194	Theosophism
7195	Spiritualist Special Keys
7196	Onkaranada Center
7197	Confucianism
7198	Shia
7199	Universal Great Brotherhood
7200	Esoteric Science
7201	Gnosticism
7202	Metaphysics
7203	Wicca
7204	Shamanism

7205	The Custom
7206	Mexicayotl
7207	Restorative Confederate Movement of Anahuac Culture
7208	African Origin
7209	Indigenous Religions
7210	Growing in Grace
7211	Eckankar
7212	Transcendental Meditation
7213	Mission Branch
7214	Children of God
7215	Sri Sathya Sai Baba
7216	Other religions from Asia
7217	Ethnic roots
7218	Afro roots
7219	Popular cults
7220	Other new religious movements
7221	Other, Nepal
7222	Kirat
7223	Jain
7224	Garaute
7225	Tap jura
7226	Bon
7227	Prakriti
7228	Other, Nigeria
7229	Traditional
7230	Other, Pakistan
7231	Ahmadi
7232	Parsi
7233	Scheduled caste
7234	Other, Paraguay
7235	Philosophical revelations
7236	Indigenous religion
7237	Reyukai
7238	Other, Paraguay
7239	Other, Philippines
7240	Door of Faith
7241	Faith Tabernacle Church (Living Rock Ministries)
7242	Iglesia Filipina Independiente
7243	International One Way Outreach

7244	Miracle Life Fellowship International
7245	Miracle Revival Church of the Philippines
7246	Philippine Good News Ministries
7247	Philippine Missionary fellowship
7248	Things to Come
7249	Way of Salvation
7250	Word of the World
7251	Word International Ministries
7252	Tribal Religions, Philippines
7253	Other, Romania
7254	Unitarian
7255	Armenian
7256	Mosaic
7257	Other, Romania
7258	Other, Rwanda
7259	Traditional religion, Rwanda
7260	Other, Rwanda
7261	Other, Sierra Leone
7262	Traditional religion, Sierra Leone
7263	Other, South Africa
7264	African traditional belief
7265	Taoist
7266	Confucian
7267	New Age
7268	Winti
7269	Javanism
7270	Other non-Christian, S. Africa
7271	Other, Suriname
7272	Javanism
7273	Traditional
7274	Winti
7275	Other, Thailand
7276	Confucian
7277	Other, Trinidad and Tobago
7278	Pocomania or Shango
7279	Orisha
7280	Other, Uganda
7281	Traditional religion
7282	Mammon

7283	Other non-Christian, Uganda
7284	Other, United Kindom
7285	Other, Uruguay
7286	Umbanda/other Afro-American
7287	Other, Uruguay
7288	Other, Vietnam
7289	Cao Dai
7290	Cham Brahmin
7296	Other, Togo
7297	Animist
7900	Other, not elsewhere classified
9999	Unknown

## description

### DEFINITION

RELIGION indicates the person's religion, including "none."

## concept

### CONCEPT

## SCHOOL: School attendance

Data file: THA1990\_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

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### 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

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### CONCEPT

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## CLASSWK: Status in employment (class of worker) [general version]

Data file: THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

---

### CATEGORIES

Value	Category
	NIU (not in universe)
1	Self-employed
2	Wage/salary worker
3	Unpaid worker
4	Other
9	Unknown/missing

## description

---

### DEFINITION

CLASSWK refers to the status of an economically active person with respect to his or her employment -- that is, the type of explicit or implicit contract of employment with other persons or organizations that the person has in his/her job. In general, the variable indicates whether a person was self-employed, or worked for someone else, either for pay or as an unpaid family worker. CLASSWK is related to EMPSTAT, which is used to define the universe in many samples.

Class of worker is often referred to as "status in employment" in other sources.

## concept

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### CONCEPT

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**CLASSWKD: Status in employment (class of worker) [detailed version]****Data file: THA1990\_PHC-P-H****Overview**

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

**Questions and instructions**

## CATEGORIES

Value	Category
000	NIU (not in universe)
100	Self-employed
101	Self-employed, unincorporated
102	Self-employed, incorporated
110	Employer
111	Sharecropper, employer
120	Working on own account
121	Own account, agriculture
122	Domestic worker, self-employed
123	Subsistence worker, own consumption
124	Own account, other
125	Own account, without temporary/unpaid help
126	Own account, with temporary/unpaid help
130	Member of cooperative
140	Sharecropper
141	Sharecropper, self-employed
142	Sharecropper, employee
150	Kibbutz member
199	Self-employed, not specified
200	Wage/salary worker
201	Management
202	Non-management
203	White collar (non-manual)
204	Blue collar (manual)
205	White or blue collar
206	Day laborer
207	Employee, with a permanent job
208	Employee, occasional, temporary, contract
209	Employee without legal contract
210	Wage/salary worker, private employer

211	Apprentice
212	Religious worker
213	Wage/salary worker, non-profit, NGO
214	White collar, private
215	Blue collar, private
216	Paid family worker
217	Cooperative employee
220	Wage/salary worker, government
221	Federal, government employee
222	State government employee
223	Local government employee
224	White collar, public
225	Blue collar, public
226	Public companies
227	Civil servants, local collectives
230	Domestic worker (work for private household)
240	Seasonal migrant
241	Seasonal migrant, no broker
242	Seasonal migrant, uses broker
250	Other wage and salary
251	Canal zone/commission employee
252	Government employment/training program
253	Mixed state/private enterprise/parastatal
254	Government public work program
255	State enterprise employee
256	Coordinated and continuous collaboration job
300	Unpaid worker
310	Unpaid family worker
320	Apprentice, unpaid or unspecified
330	Trainee
340	Apprentice or trainee
350	Works for others without wage
400	Other
999	Unknown/missing

## description

### DEFINITION

CLASSWK refers to the status of an economically active person with respect to his or her employment -- that is, the type of explicit or implicit contract of employment with other persons or organizations that the person has in his/her job. In general,

the variable indicates whether a person was self-employed, or worked for someone else, either for pay or as an unpaid family worker. CLASSWK is related to EMPSTAT, which is used to define the universe in many samples.

Class of worker is often referred to as "status in employment" in other sources.

## concept

### CONCEPT

## EDUCTH: Educational attainment, Thailand

Data file: THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

#### CATEGORIES

Value	Category
000	NIU (not in universe)
100	None
110	Kindergarten
120	Pre-elementary
121	Pre-elementary, grade 1
122	Pre-elementary, grade 2
123	Pre-elementary, grade 3
200	Primary general
201	Primary general, grade 1
202	Primary general, grade 2
203	Primary general, grade 3
204	Primary general, grade 4
205	Primary general, grade 5
206	Primary general, grade 6
207	Primary general, grade 7
208	Primary general, grade unknown
300	Primary vocational
310	Junior vocational (pre-1961 system)
311	Junior vocational, year 1
312	Junior vocational, year 2
313	Junior vocational, year 3
314	Junior vocational, year unknown

400	Secondary general
410	Lower secondary general (post-1977 system)
411	Lower secondary general, grade 1
412	Lower secondary general, grade 2
413	Lower secondary general, grade 3
414	Lower second general, grade 3, old MS2
415	Lower second general, grade 3, old MS3
416	Lower secondary general, grade unknown
420	Upper secondary general (post-1977 system)
421	Upper secondary general, grade 4
422	Upper secondary general, grade 5
423	Upper secondary general, grade 6
424	Upper secondary general, grade unknown
500	Secondary vocational
510	Senior vocational (pre-1961 system)
511	Senior vocational, year 1
512	Senior vocational, year 2
513	Senior vocational, year 3
520	Higher vocational (pre-1961 system)
521	Higher vocational, year 1
522	Higher vocational, year 2
523	Higher vocational, year 3
524	Higher vocational, year unknown
530	Lower vocational secondary (post-1977 system)
531	Lower vocational secondary, year 1
532	Lower vocational secondary, year 2
533	Lower vocational secondary, year 3
540	Upper vocational secondary (post-1977 system)
541	Upper vocational secondary, year 1
542	Upper vocational secondary, year 2
543	Upper vocational secondary, year 3
544	Upper vocational secondary, year unknown
550	Teacher training
551	Teacher training, province education
552	Teacher training, lower education
553	Teacher training, certificate, year 1
554	Teacher training, certificate, year 2
555	Teacher training, certificate, year unknown
600	Post-secondary

610	Vocational technical (teaching, nursing, other)
611	Voc 1st year, nurse 2nd year
612	Voc 2nd year, nurse 3rd year
613	Nursing degree, educ voc, 1st or 2nd year
614	Nursing degree, educ voc, 3rd year
615	Nursing degree, educ voc, year unknown
620	Vocational technical (teaching, other)
621	Voc tech diploma, incomplete
622	Voc tech complete, or voc educ 2nd or 3rd year
623	Education diploma
624	Technical certificate
625	Vocational technical, level unknown
630	Nursing education
631	Nursing, 1 year curriculum
632	Nursing, obstetrician certificate
633	Nursing, year 1 to 3
634	Nursing diploma
635	Nursing, year 3
636	Nursing, bachelor
637	Nursing, unknown level
640	Higher level, lower diploma level
650	Higher level, diploma level
660	Short vocational education
670	Bachelor or diploma in education
671	University, teacher training, year 1
672	University, teacher training, year 2
673	University, teacher training, year 3
674	University, teacher training, year 4
675	University, teacher training, year unknown
680	General university or equivalent
681	University, year 1
682	University, year 2
683	University, year 3
684	University, year 4
685	University, year 5 or 6
686	University, year unknown
687	Bachelor degree
688	Master's degree
689	Ph.D. degree

700	Religious studies
710	Third grade religion
720	Buddhism theology
721	Buddhism theology, grades 3 to 4
722	Buddhism theology, grades 5 to 6
723	Buddhism theology, university
730	Scripture school
731	Scripture school, for general education
732	Scripture school, for Dharma
733	Scripture school, for Pali
740	Religious, short course voc educ
750	Religious, other education
760	Religious, level unknown
800	Other, not specified
999	Unknown

## description

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### DEFINITION

EDUCTH indicates the person's educational attainment in Thailand in terms of the level of schooling completed.

## concept

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### CONCEPT

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## IND: Industry, unrecoded

**Data file:** THA1990\_PHC-P-H

### Overview

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

## description

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### DEFINITION

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

## concept

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### CONCEPT

## Imputation and derivation

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### DERIVATION

IND is a 5-digit numeric variable.

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

CodesArgentina 1970 - Spanish  
 Argentina 1980 - Spanish  
 Argentina 1991 - Spanish  
 Argentina 2001 - Spanish  
 Armenia 2001  
 Armenia 2011  
 Austria 1971-2001 - German  
 Austria 2011  
 Bangladesh 1991  
 Bangladesh 2001  
 Bangladesh 2011  
 Belarus 2009  
 Benin 1979  
 Benin 1992  
 Benin 2002  
 Benin 2013  
 Bolivia 1976  
 Bolivia 1992  
 Bolivia 2001  
 Bolivia 2012  
 Botswana 1981  
 Botswana 1991  
 Botswana 2001  
 Botswana 2011  
 Brazil 1960 - Portuguese  
 Brazil 1970 - Portuguese  
 Brazil 1980 - Portuguese  
 Brazil 1991 - Portuguese  
 Brazil 2000 - Portuguese  
 Brazil 2010  
 Burkina Faso 1996  
 Cambodia 1998  
 Cambodia 2004  
 Cambodia 2008  
 Cambodia 2013  
 Cambodia 2019  
 Cameroon 2005  
 Canada 1971  
 Canada 1981  
 Canada 1991-2001  
 Canada 2011  
 Chile 1960  
 Chile 1970  
 Chile 1982  
 Chile 1992  
 Chile 2002  
 Chile 2017  
 China 1982  
 China 1990  
 China 2000  
 Colombia 1964 - Spanish  
 Colombia 1973 - Spanish

Colombia 1993 - Spanish  
Colombia 2005 - Spanish  
Costa Rica 1963  
Costa Rica 1973  
Costa Rica 1984  
Costa Rica 2000  
Costa Rica 2011  
Cote d'Ivoire 1988  
Cote d'Ivoire 1998  
Cuba 2002  
Cuba 2012  
Dominican Republic 1960  
Dominican Republic 1970  
Dominican Republic 1981  
Dominican Republic 2002  
Dominican Republic 2010  
Ecuador 1962  
Ecuador 1982  
Ecuador 1990  
Ecuador 2001  
Ecuador 2010  
Egypt 1986  
Egypt 1996  
Egypt 2006  
El Salvador 1992  
El Salvador 2007  
Ethiopia 1984  
Ethiopia 1994  
Fiji 1966  
Fiji 1976  
Fiji 1986  
Fiji 1996  
Fiji 2007  
Fiji 2014  
Finland 2010  
France 1962-1968 - French  
France 1975-1982 - French  
France 1990 - French  
France 1999  
France 2006  
France 2011  
Germany 1970  
Germany 1971  
Germany 1981  
Germany 1987  
Ghana 1984  
Ghana 2000  
Ghana 2010  
Greece 1971  
Greece 1981  
Greece 1991-2001  
Greece 2011  
Guatemala 1964  
Guatemala 1973  
Guatemala 1981  
Guatemala 1994  
Guatemala 2002  
Guinea 1983  
Guinea 2014  
Haiti 1971  
Haiti 1982  
Haiti 2003

Honduras 1961  
Honduras 1974  
Honduras 2001  
Hungary 2001  
Hungary 2011  
India 1983  
India 1987  
India 1993  
India 1999  
India 2004  
India 2009  
Indonesia 1971  
Indonesia 1976  
Indonesia 1980  
Indonesia 1985  
Indonesia 1990  
Indonesia 1995  
Indonesia 2000  
Indonesia 2005  
Indonesia 2010  
Iran 2006  
Iran 2011  
Iraq 1997  
Ireland 1971  
Ireland 1981  
Ireland 1986  
Ireland 1991  
Ireland 1996  
Ireland 2002  
Ireland 2006  
Ireland 2011  
Ireland 2016  
Israel 1972  
Israel 1983  
Israel 1995  
Israel 2008  
Italy 2001  
Italy 2011  
Italy Surveys 2011-2013  
Italy Surveys 2014-2020  
Jamaica 1982  
Jamaica 1991  
Jamaica 2001  
Jordan 2004  
Kyrgyz Republic 1999  
Kyrgyz Republic 2009  
Laos 1995  
Laos 2005  
Laos 2015  
Lesotho 2006  
Liberia 1974  
Liberia 2008  
Malawi 1987  
Malawi 1998  
Malawi 2008  
Malaysia 1970  
Malaysia 1980-1991  
Malaysia 2000  
Mali 1987  
Mali 1998  
Mali 2009  
Mauritius 1990

Mauritius 2000  
Mauritius 2011  
Mexico 1960 - Spanish  
Mexico 1970 - Spanish  
Mexico 1990 - Spanish  
Mexico 1995 - Spanish  
Mexico 2000 - Spanish  
Mexico 2010  
Mexico 2015  
Mexico 2020  
Mexico surveys 2005-2019  
Morocco 1982  
Morocco 1994  
Morocco 2004  
Morocco 2014  
Mozambique 1997  
Mozambique 2007  
Myanmar 2014  
Nepal 2001  
Nepal 2011  
Netherlands 1960  
Netherlands 1971  
Netherlands 2001  
Netherlands 2011  
Nicaragua 1971  
Nicaragua 1995  
Nicaragua 2005  
Nigeria 2006  
Nigeria 2007  
Nigeria 2008  
Nigeria 2009  
Nigeria 2010  
Pakistan 1973  
Palestine 1997  
Palestine 2007  
Palestine 2017  
Panama 1960 - Spanish  
Panama 1970-1980 - Spanish  
Panama 1990-2000 - Spanish  
Panama 2010  
Papua New Guinea 1980  
Papua New Guinea 2000  
Paraguay 1962  
Paraguay 1972  
Paraguay 1982  
Paraguay 1992  
Paraguay 2002  
Peru 1993  
Peru 2007  
Peru 2017  
Philippines 1990  
Philippines 1995  
Philippines 2000  
Philippines 2010  
Poland 1978  
Poland 2002  
Portugal 1981 - Portuguese  
Portugal 1991-2001 - Portuguese  
Portugal 2011  
Puerto Rico 1970-2005  
Puerto Rico 2010  
Puerto Rico 2015

Puerto Rico 2020  
Romania 1977  
Romania 1992  
Romania 2002  
Romania 2011  
Rwanda 2002 - French  
Rwanda 2012  
Saint Lucia 1991  
Senegal 1988  
Senegal 2013  
Sierra Leone 2004  
South Africa 1996  
South Africa 2001-2007  
South Sudan 2008  
Spain 1981 - Spanish  
Spain 1991 - Spanish  
Spain 2001 - Spanish  
Spain 2011  
Spain Surveys 2005-2020  
Sudan 2008  
Suriname 2004  
Suriname 2012  
Switzerland 1970-2000  
Switzerland 2011  
Tanzania 2002  
Tanzania 2012  
Thailand 1970  
Thailand 1980  
Thailand 1990  
Thailand 2000  
Togo 1970  
Togo 2010  
Trinidad and Tobago 1980  
Trinidad and Tobago 1990  
Trinidad and Tobago 2000  
Turkey 1985  
Turkey 1990  
Turkey 2000  
Uganda 2002  
United Kingdom 1961  
United Kingdom 1971  
United Kingdom 1991  
United Kingdom 2001  
United States 1960  
United States 1970  
United States 1980  
United States 1990  
United States 2000-2005  
United States 2010  
United States 2015  
United States 2020  
Uruguay 1963  
Uruguay 1985  
Uruguay 1996  
Uruguay 2006  
Venezuela 1981  
Venezuela 1990  
Venezuela 2001 - Spanish  
Vietnam 1989  
Vietnam 1999  
Vietnam 2009  
Vietnam 2019

Zambia 1990  
Zambia 2000  
Zambia 2010

## INDGEN: Industry, general recode

Data file: THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

#### CATEGORIES

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

### description

#### DEFINITION

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

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

## concept

### CONCEPT

#### MIGCTryp: Country of previous residence

Data file: THA1990\_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
12100	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
13990	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
15150	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
15160	Sierra Leone
15170	Togo
19999	Africa, 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 and the Grenadines
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 Latin America
24000	North America
24010	Bermuda
24020	Canada
24030	Greenland
24040	Saint Pierre and Miquelon
24050	United States
24051	U.S. Outlying Areas and Territories
24999	U.S.A, Canada, Mexico
29999	Americas, 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
32041	India/Pakistan
32050	Iran
32060	Kazakhstan
32070	Kyrgyzstan
32080	Maldives
32090	Nepal
32100	Pakistan
32110	Sri Lanka (Ceylon)
32120	Tajikistan
32130	Turkmenistan
32140	Uzbekistan
33000	South-Eastern Asia
33010	Brunei
33020	Cambodia (Kampuchea)
33030	East Timor
33040	Indonesia
33050	Laos
33060	Malaysia
33061	Malaysia and Singapore
33070	Myanmar (Burma)
33080	Philippines
33090	Singapore
33100	Thailand
33110	Vietnam
34000	Western Asia
34010	Armenia
34020	Azerbaijan
34030	Bahrain
34040	Cyprus

34050	Georgia
34060	Iraq
34070	Israel
34080	Jordan
34090	Kuwait
34100	Lebanon
34110	Palestine
34120	Oman
34130	Qatar
34140	Saudi Arabia
34150	Syria
34151	Syria/Lebanon
34160	Turkey
34170	United Arab Emirates
34180	Yemen
34190	Middle East, not specified
34191	Arabia
34199	Gulf countries
39999	Asia, n.s.
40000	Europe
41000	Eastern Europe
41010	Belarus
41020	Bulgaria
41021	Albania/Bulgaria/Romania
41030	Czech Republic
41031	Czechoslovakia/Yugoslavia
41040	Hungary
41050	Poland
41060	Moldova
41070	Romania
41080	Russia/USSR
41090	Slovakia
41100	Ukraine
41999	Eastern Europe, n.s.
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
42199	Scandinavia
43000	Southern Europe
43010	Albania
43020	Andorra
43030	Bosnia
43040	Croatia
43050	Gibraltar
43060	Greece
43070	Italy
43071	Vatican City
43080	Malta
43090	Portugal
43100	San Marino
43110	Slovenia
43120	Spain
43130	Macedonia
43140	Yugoslavia
43141	Montenegro
43142	Serbia
43143	Serbia and Montenegro
43999	Southern Europe, n.s.
44000	Western Europe
44010	Austria
44020	Belgium
44021	Belgium/Luxemburg
44022	Benelux (Belgium/Netherlands/Luxemburg)
44030	France
44040	Germany
44050	Liechtenstein
44060	Luxembourg
44070	Monaco
44080	Netherlands

44090	Switzerland
49990	Europe, n.s.
49991	Central and Eastern Europe
49992	European Union
50000	Oceania
51000	Australia and New Zealand
51010	Australia
51020	New Zealand
51021	New Zealand/New Guinea
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
60010	Europe, Australia, New Zealand
60020	Asia and Oceania, n.s.
90000	Non-migrants (International)

99998	Response suppressed
99999	Unknown

## description

### DEFINITION

MIGCTryp indicates the country of previous residence of international migrants.

Persons who never lived abroad are coded to the "non-migrant" category.

## concept

### CONCEPT

## MIGRATEP: Migration status, previous residence

Data file: THA1990\_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
98	Response suppressed
99	Not reported/missing/unknown

## description

### DEFINITION

MIGRATEP indicates whether the person's most recent move (if any) was between minor administrative units, major units, or countries.

## concept

### CONCEPT

**OCC: Occupation, unrecoded****Data file: THA1990\_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: THA1990\_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

## YRSCHOOL: Years of schooling

Data file: THA1990\_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

### **DISABLED: Disability status**

**Data file: THA1990\_PHC-P-H**

### Overview

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

## Questions and instructions

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### CATEGORIES

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

### description

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#### DEFINITION

DISABLED indicates whether the person reported a disability of any kind.

### concept

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#### CONCEPT

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## DISBLND: Blind or vision-impaired

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

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### CATEGORIES

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

### description

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#### DEFINITION

DISBLND indicates whether the person was blind or had limited vision.

### concept

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#### CONCEPT

**DISDEAF: Deaf or hearing-impaired**

Data file: THA1990\_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
9	Unknown

**description**

## DEFINITION

DISDEAF indicates whether the person was deaf or had limited hearing.

**concept**

## CONCEPT

**DISEMP: Employment disability**

Data file: THA1990\_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

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### DEFINITION

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

## concept

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### CONCEPT

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### **DISMNTL: Mental disability**

**Data file:** THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

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### CATEGORIES

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

## description

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### DEFINITION

DISMNTL indicates whether the person suffered a mental disability in the form of diminished capacity.

## concept

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### CONCEPT

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### **DISMUTE: Mute or speech impaired**

**Data file:** THA1990\_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
9	Unknown

### description

#### DEFINITION

DISMUTE indicates if the person could not speak or had a significant speech impediment.

### concept

#### CONCEPT

## GEOMIG1\_P: 1st subnational geographic level of previous residence, world [consistent boundaries over time]

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
051901	Yerevan [Province: Armenia]
051902	Aragatsotn [Province: Armenia]
051903	Ararat [Province: Armenia]
051904	Armavir [Province: Armenia]
051905	Gegharkunik [Province: Armenia]
051906	Lori [Province: Armenia]
051907	Kotayk [Province: Armenia]
051908	Shirak [Province: Armenia]
051909	Syunik [Province: Armenia]
051910	Vayots Dzor [Province: Armenia]
051911	Tavush [Province: Armenia]
051912	Nagorno-Karabagh [Province: Armenia]

051997	Foreign country [Province: Armenia]
051998	Unknown [Province: Armenia]
051999	NIU (not in universe) [Province: Armenia]
112001	Brest [Region: Belarus]
112002	Vitebsk [Region: Belarus]
112003	Gomel [Region: Belarus]
112004	Grodno [Region: Belarus]
112006	Minsk, Minsk City [Region: Belarus]
112007	Mogilev [Region: Belarus]
112097	Foreign country [Region: Belarus]
112098	Unknown [Region: Belarus]
112099	NIU (not in universe) [Region: Belarus]
204001	Alibori [Department: Benin]
204002	Atacora [Department: Benin]
204003	Atlantique [Department: Benin]
204004	Borgou [Department: Benin]
204005	Collines [Department: Benin]
204006	Couffo [Department: Benin]
204007	Donga [Department: Benin]
204008	Littoral [Department: Benin]
204009	Mono [Department: Benin]
204010	Oueme [Department: Benin]
204011	Plateau [Department: Benin]
204012	Zou [Department: Benin]
204097	Abroad [Department: Benin]
204098	Unknown [Department: Benin]
204099	NIU (not in universe) [Department: Benin]
076011	Rondônia [State: Brazil]
076012	Acre [State: Brazil]
076013	Amazonas [State: Brazil]
076014	Roraima [State: Brazil]
076015	Pará [State: Brazil]
076016	Amapá [State: Brazil]
076021	Maranhão [State: Brazil]
076022	Piauí [State: Brazil]
076023	Ceará [State: Brazil]
076024	Rio Grande do Norte [State: Brazil]
076025	Paraíba [State: Brazil]
076026	Pernambuco, Arquipelago de Fernando de Noronha [State: Brazil]

076027	Alagoas [State: Brazil]
076028	Sergipe [State: Brazil]
076029	Bahia [State: Brazil]
076031	Minas Gerais [State: Brazil]
076032	Espírito Santo [State: Brazil]
076033	Rio de Janeiro, Guanabara [State: Brazil]
076035	São Paulo [State: Brazil]
076036	Serra dos Aimorés [State: Brazil]
076041	Paraná [State: Brazil]
076042	Santa Catarina [State: Brazil]
076043	Rio Grande do Sul [State: Brazil]
076051	Mato Grosso do Sul, Mato Grosso [State: Brazil]
076052	Goiás, Tocantins [State: Brazil]
076053	Distrito Federal [State: Brazil]
076054	Brazil, unspecified [State: Brazil]
076097	Abroad [State: Brazil]
076098	Unknown [State: Brazil]
076099	NIU (not in universe) [State: Brazil]
116001	Banteay Meanchey [Province: Cambodia]
116002	Battambang [Province: Cambodia]
116003	Kampong Cham, Tbong Khmum [Province: Cambodia]
116004	Kampong Chhnang [Province: Cambodia]
116005	Kampong Speu [Province: Cambodia]
116006	Kampong Thom [Province: Cambodia]
116007	Kampot [Province: Cambodia]
116008	Phnom Penh, Kandal [Province: Cambodia]
116009	Koh Kong, Preah Sihanouk [Province: Cambodia]
116010	Kratie [Province: Cambodia]
116011	Mondul Kiri [Province: Cambodia]
116013	Preah Vihear [Province: Cambodia]
116014	Prey Veng [Province: Cambodia]
116015	Pursat [Province: Cambodia]
116016	Ratanak Kiri [Province: Cambodia]
116017	Siem Reap, Otdar Meanchey [Province: Cambodia]
116019	Stung Treng [Province: Cambodia]
116020	Svay Rieng [Province: Cambodia]
116021	Takeo [Province: Cambodia]
116023	Kep [Province: Cambodia]
116024	Pailin [Province: Cambodia]

116097	Foreign country [Province: Cambodia]
116098	Unknown [Province: Cambodia]
116099	NIU (not in universe) [Province: Cambodia]
120002	Centre, Sud [Province: Cameroon]
120003	Est [Province: Cameroon]
120004	Nord, Adamoua, Extrême Nord [Province: Cameroon]
120005	Littoral [Province: Cameroon]
120007	Nord Ouest [Province: Cameroon]
120008	Ouest [Province: Cameroon]
120010	Sud Ouest [Province: Cameroon]
120096	Cameroon - unknown arrondissement [Province: Cameroon]
120097	Foreign country [Province: Cameroon]
120098	Unknown [Province: Cameroon]
120099	NIU (not in universe) [Province: Cameroon]
152001	Tarapaca [Province: Chile]
152002	Antofagasta [Province: Chile]
152003	Atacama [Province: Chile]
152004	Coquimbo [Province: Chile]
152005	Aconcagua [Province: Chile]
152006	Valparaíso [Province: Chile]
152007	Santiago [Province: Chile]
152008	O'Higgins [Province: Chile]
152009	Colchagua [Province: Chile]
152010	Curicó [Province: Chile]
152011	Talca [Province: Chile]
152012	Maule [Province: Chile]
152013	Linares [Province: Chile]
152014	Ñuble [Province: Chile]
152015	Concepción [Province: Chile]
152016	Arauco [Province: Chile]
152017	Bío Bío [Province: Chile]
152018	Malleco [Province: Chile]
152019	Cautín [Province: Chile]
152020	Valdivia [Province: Chile]
152021	Osorno [Province: Chile]
152022	Llanquihue [Province: Chile]
152023	Chiloé [Province: Chile]
152024	Aysén [Province: Chile]
152025	Magallanes [Province: Chile]

152097	Foreign country [Province: Chile]
152098	Unknown [Province: Chile]
152099	NIU (not in universe) [Province: Chile]
170005	Antioquia [Department: Colombia]
170008	Atlántico [Department: Colombia]
170011	Bogotá D.C., Cundinamarca [Department: Colombia]
170013	Bolívar, Sucre [Department: Colombia]
170015	Boyacá, Casanare [Department: Colombia]
170018	Caquetá [Department: Colombia]
170019	Cauca [Department: Colombia]
170023	Córdoba [Department: Colombia]
170027	Chocó [Department: Colombia]
170041	Huila [Department: Colombia]
170044	La Guajira [Department: Colombia]
170050	Meta [Department: Colombia]
170052	Nariño [Department: Colombia]
170054	Cesar, Norte De Santander, Magdalena [Department: Colombia]
170066	Caldas, Quindío, Risaralda [Department: Colombia]
170068	Santander [Department: Colombia]
170073	Tolima [Department: Colombia]
170076	Valle Del Cauca [Department: Colombia]
170081	Arauca [Department: Colombia]
170086	Putumayo [Department: Colombia]
170088	Archipiélago De San Andrés Y Providencia [Department: Colombia]
170095	Amazonas, Guaviare, Vaupés, Vichada, Guainía [Department: Colombia]
170097	Abroad [Department: Colombia]
170098	Unknown [Department: Colombia]
188001	San José [Province: Costa Rica]
188002	Alajuela [Province: Costa Rica]
188003	Cartago [Province: Costa Rica]
188004	Heredia [Province: Costa Rica]
188005	Guanacaste [Province: Costa Rica]
188006	Puntarenas [Province: Costa Rica]
188007	Limón [Province: Costa Rica]
188097	Foreign country [Province: Costa Rica]
188098	Unknown [Province: Costa Rica]
192021	Pinar del Río, Artemisa, Mayabeque [Province: Cuba]
192023	La Habana [Province: Cuba]
192025	Matanzas [Province: Cuba]

192026	Villa Clara [Province: Cuba]
192027	Cienfuegos [Province: Cuba]
192028	Sancti Spíritus [Province: Cuba]
192029	Ciego de Ávila [Province: Cuba]
192030	Camagüey [Province: Cuba]
192031	Las Tunas [Province: Cuba]
192032	Holguín [Province: Cuba]
192033	Granma [Province: Cuba]
192034	Santiago de Cuba [Province: Cuba]
192035	Guantánamo [Province: Cuba]
192040	Isla de la Juventud [Province: Cuba]
192997	Abroad [Province: Cuba]
192998	Unknown [Province: Cuba]
192999	NIU (not in universe) [Province: Cuba]
218001	Azuay [Province: Ecuador]
218002	Bolívar [Province: Ecuador]
218004	Carchi [Province: Ecuador]
218005	Cotopaxi [Province: Ecuador]
218006	Chimborazo [Province: Ecuador]
218007	El Oro [Province: Ecuador]
218009	Cañar, Esmeraldas, Guayas, Manabí, Manga del Cura [Disputed canton], Pichincha, El Piedrero [Disputed canton], Los Ríos, Santa Elena, Santo Domingo de las Tsáchilas, Galápagos [Province: Ecuador]
218010	Imbabura, Las Golondrinas [Disputed canton] [Province: Ecuador]
218011	Loja [Province: Ecuador]
218014	Morona Santiago [Province: Ecuador]
218016	Pastaza [Province: Ecuador]
218018	Tungurahua [Province: Ecuador]
218019	Zamora Chinchipe [Province: Ecuador]
218021	Napo, Orellana, Sucumbíos [Province: Ecuador]
218097	Foreign country [Province: Ecuador]
218098	Unknown and Disputed Zones [Province: Ecuador]
218999	NIU (not in universe) [Province: Ecuador]
818000	Reported same governorate as household location [Governorate: Egypt]
818001	Giza, 6th October City, Cairo, Helwan [Governorate: Egypt]
818002	Alexandria [Governorate: Egypt]
818003	Port Said [Governorate: Egypt]
818004	Suez [Governorate: Egypt]
818011	Demietta [Governorate: Egypt]
818012	Dakahlia [Governorate: Egypt]

818013	Sharkia [Governorate: Egypt]
818014	Kaliobia [Governorate: Egypt]
818015	Kafr Sheikh [Governorate: Egypt]
818016	Gharbia [Governorate: Egypt]
818018	Menoufia, Behera [Governorate: Egypt]
818019	Ismailia [Governorate: Egypt]
818022	Bani Swif [Governorate: Egypt]
818023	Fayoum [Governorate: Egypt]
818024	Menia [Governorate: Egypt]
818025	Asiut [Governorate: Egypt]
818026	Sohag [Governorate: Egypt]
818027	Qena, Luxor [Governorate: Egypt]
818028	Aswan [Governorate: Egypt]
818031	Red Sea [Governorate: Egypt]
818032	New Valley [Governorate: Egypt]
818033	Marsa Matroh [Governorate: Egypt]
818034	North Sinai [Governorate: Egypt]
818035	South Sinai [Governorate: Egypt]
818097	Abroad [Governorate: Egypt]
818098	Unknown [Governorate: Egypt]
818099	NIU (not in universe) [Governorate: Egypt]
222001	Ahuachapán [Department: El Salvador]
222002	Santa Ana [Department: El Salvador]
222003	Sonsonate [Department: El Salvador]
222004	Chalatenango [Department: El Salvador]
222005	La Libertad [Department: El Salvador]
222006	San Salvador [Department: El Salvador]
222007	Cuscatlán [Department: El Salvador]
222008	La Paz [Department: El Salvador]
222009	Cabañas [Department: El Salvador]
222010	San Vicente [Department: El Salvador]
222011	Usulután [Department: El Salvador]
222012	San Miguel [Department: El Salvador]
222013	Morazán [Department: El Salvador]
222014	La Unión [Department: El Salvador]
222098	Abroad [Department: El Salvador]
222099	NIU (not in universe) [Department: El Salvador]
231001	Tigray [Region: Ethiopia]
231002	Affar [Region: Ethiopia]

231003	Amhara [Region: Ethiopia]
231004	Oromia, Somali [Region: Ethiopia]
231006	Benishangul-Gumuz [Region: Ethiopia]
231007	Southern Nations, Nationalities, and Peoples (SNNP) [Region: Ethiopia]
231012	Gambela [Region: Ethiopia]
231013	Harari [Region: Ethiopia]
231014	Addis Ababa [Region: Ethiopia]
231015	Dire Dawa [Region: Ethiopia]
231097	Abroad [Region: Ethiopia]
231099	NIU [Region: Ethiopia]
250001	Guadeloupe [Region: France]
250002	Martinique [Region: France]
250003	French Guyana [Region: France]
250004	Réunion Island [Region: France]
250011	Île-de-France [Region: France]
250021	Champagne-Ardenne [Region: France]
250022	Picardy [Region: France]
250023	Upper Normandy [Region: France]
250024	Centre [Region: France]
250025	Lower Normandy [Region: France]
250026	Burgundy [Region: France]
250031	North Pas-de-Calais [Region: France]
250041	Lorraine [Region: France]
250042	Alsace [Region: France]
250043	Franche-Comté [Region: France]
250052	Loire Valley [Region: France]
250053	Brittany [Region: France]
250054	Poitou-Charentes [Region: France]
250072	Aquitaine [Region: France]
250073	Midi-Pyrénées [Region: France]
250074	Limousin [Region: France]
250082	Rhône-Alpes [Region: France]
250083	Auvergne [Region: France]
250091	Languedoc-Roussillon [Region: France]
250093	Provence-Alpes-Riviera [Region: France]
250094	Corsica [Region: France]
250097	Abroad [Region: France]
320001	Guatemala [Department: Guatemala]
320002	El Progreso [Department: Guatemala]

320003	Sacatepéquez [Department: Guatemala]
320004	Chimaltenango [Department: Guatemala]
320005	Escuintla [Department: Guatemala]
320006	Santa Rosa [Department: Guatemala]
320007	Sololá [Department: Guatemala]
320008	Totonicapán [Department: Guatemala]
320009	Quetzaltenango [Department: Guatemala]
320010	Suchitepéquez [Department: Guatemala]
320011	Retalhuleu [Department: Guatemala]
320012	San Marcos [Department: Guatemala]
320013	Huehuetenango [Department: Guatemala]
320014	Quiché [Department: Guatemala]
320015	Baja Verapaz [Department: Guatemala]
320016	Alta Verapaz [Department: Guatemala]
320017	Petén [Department: Guatemala]
320018	Izabal [Department: Guatemala]
320019	Zacapa [Department: Guatemala]
320020	Chiquimula [Department: Guatemala]
320021	Jalapa [Department: Guatemala]
320022	Jutiapa [Department: Guatemala]
320097	Foreign Country [Department: Guatemala]
320098	Unknown [Department: Guatemala]
320099	NIU [Department: Guatemala]
324011	Boffa [Region: Guinea]
324012	Boké [Region: Guinea]
324013	Fria [Region: Guinea]
324014	Gaoual [Region: Guinea]
324015	Koundara [Region: Guinea]
324021	Conakry [Region: Guinea]
324031	Dabola [Region: Guinea]
324032	Dinguiraye [Region: Guinea]
324033	Faranah [Region: Guinea]
324034	Kissidougou [Region: Guinea]
324041	Kankan [Region: Guinea]
324042	Kérouané [Region: Guinea]
324043	Kouroussa [Region: Guinea]
324044	Mandiana [Region: Guinea]
324045	Siguiri [Region: Guinea]
324051	Coyah, Dubréka [Region: Guinea]

324053	Forécariah [Region: Guinea]
324054	Kindia [Region: Guinea]
324055	Télimélé [Region: Guinea]
324061	Koubia [Region: Guinea]
324062	Labé [Region: Guinea]
324063	Lélouma [Region: Guinea]
324064	Mali [Region: Guinea]
324065	Tougué [Region: Guinea]
324071	Dalaba [Region: Guinea]
324072	Mamou [Region: Guinea]
324073	Pita [Region: Guinea]
324081	Beyla [Region: Guinea]
324082	Guéckédou [Region: Guinea]
324083	Lola [Region: Guinea]
324084	Macenta [Region: Guinea]
324085	Nzerekore [Region: Guinea]
324086	Yomou [Region: Guinea]
324096	Guinea, place unknown [Region: Guinea]
324097	Foreign country [Region: Guinea]
324098	Unknown [Region: Guinea]
324099	NIU (not in universe) [Region: Guinea]
332003	Nord (North) and Nord'est (North East) [Department: Haiti]
332006	Centre (Central), L'Artibonite, Ouest (West), Sud'Est (South East) [Department: Haiti]
332007	Grand'Anse, Nippes, Sud (South) [Department: Haiti]
332009	Nord'Ouest (North West) [Department: Haiti]
332097	Foreign Country [Department: Haiti]
332098	Unknown [Department: Haiti]
356001	Jammu and Kashmir [State: India]
356002	Himachal Pradesh [State: India]
356003	Punjab [State: India]
356004	Chandigarh [State: India]
356006	Haryana [State: India]
356007	Delhi [State: India]
356008	Rajasthan [State: India]
356009	Uttar Pradesh, Uttaranchal [State: India]
356010	Bihar, Jharkhand [State: India]
356011	Sikkim [State: India]
356012	Arunachal Pradesh [State: India]
356013	Nagaland [State: India]

356014	Manipur [State: India]
356015	Mizoram [State: India]
356016	Tripura [State: India]
356017	Meghalaya [State: India]
356018	Assam [State: India]
356019	West Bengal [State: India]
356021	Orissa [State: India]
356023	Madhya Pradesh, Chhattisgarh [State: India]
356024	Gujarat [State: India]
356026	Dadra and Nagar Haveli [State: India]
356027	Maharashtra [State: India]
356028	Andhra Pradesh [State: India]
356029	Karnataka [State: India]
356030	Goa, Daman and Diu [State: India]
356031	Lakshadweep [State: India]
356032	Kerala [State: India]
356033	Tamil Nadu [State: India]
356034	Pondicherry [State: India]
356035	Andaman and Nicobar Islands [State: India]
356097	Abroad [State: India]
356098	Unknown [State: India]
356099	NIU (not in universe) [State: India]
360011	Nanggroe Aceh Darussalam [Province: Indonesia]
360012	Sumatera Utara [Province: Indonesia]
360013	Sumatera Barat [Province: Indonesia]
360014	Kepulauan Riau, Riau [Province: Indonesia]
360015	Jambi [Province: Indonesia]
360016	Bangka Belitung, Sumatera Selatan [Province: Indonesia]
360017	Bengkulu [Province: Indonesia]
360018	Lampung [Province: Indonesia]
360031	DKI Jakarta [Province: Indonesia]
360032	Banten, Jawa Barat [Province: Indonesia]
360033	Jawa Tengah [Province: Indonesia]
360034	DKI Yogyakarta [Province: Indonesia]
360035	Jawa Timur [Province: Indonesia]
360051	Bali [Province: Indonesia]
360052	Nusa Tenggara Barat [Province: Indonesia]
360053	Nusa Tenggara Timur [Province: Indonesia]
360061	Kalimantan Barat [Province: Indonesia]

360062	Kalimantan Tengah [Province: Indonesia]
360063	Kalimantan Selatan [Province: Indonesia]
360064	Kalimantan Timur [Province: Indonesia]
360071	Gorontalo, Sulawesi Utara [Province: Indonesia]
360072	Sulawesi Tengah [Province: Indonesia]
360073	Sulawesi Barat, Sulawesi Selatan [Province: Indonesia]
360074	Sulawesi Tenggara [Province: Indonesia]
360081	Maluku, Maluku Utara [Province: Indonesia]
360094	Papua, Papua Barat [Province: Indonesia]
360097	Abroad [Province: Indonesia]
360098	Unknown [Province: Indonesia]
360099	NIU (not in universe) [Province: Indonesia]
360626	East Timor [Province: Indonesia]
364000	Markazi [Province: Iran]
364001	Gilan [Province: Iran]
364002	Mazandaran [Province: Iran]
364003	East Azarbayejan [Province: Iran]
364004	West Azarbayejan [Province: Iran]
364005	Kermanshah [Province: Iran]
364006	Khuzestan [Province: Iran]
364007	Fars [Province: Iran]
364008	Kerman [Province: Iran]
364009	Razavi Khorasan [Province: Iran]
364010	Esfahan [Province: Iran]
364011	Sistan and Baluchestan [Province: Iran]
364012	Kordestan [Province: Iran]
364013	Hamedan [Province: Iran]
364014	Chaharmahal and Bakhtiyari [Province: Iran]
364015	Lorestan [Province: Iran]
364016	Ilam [Province: Iran]
364017	Kohgiluyeh and Boyerahmad [Province: Iran]
364018	Bushehr [Province: Iran]
364019	Zanjan [Province: Iran]
364020	Semnan [Province: Iran]
364021	Yazd [Province: Iran]
364022	Hormozgan [Province: Iran]
364023	Tehran, Alborz [Province: Iran]
364024	Ardebil [Province: Iran]
364025	Qom [Province: Iran]

364026	Qazvin [Province: Iran]
364027	Golestan [Province: Iran]
364028	North Khorasan [Province: Iran]
364029	South Khorasan [Province: Iran]
364098	Unknown [Province: Iran]
364099	NIU (not in universe) [Province: Iran]
368000	Always lived in residential place of birth [Governorate: Iraq]
368001	In this governorate [Governorate: Iraq]
368011	Dahuk [Governorate: Iraq]
368012	Nineveh [Governorate: Iraq]
368013	Sulaymaniyah [Governorate: Iraq]
368014	Al-Tameem [Governorate: Iraq]
368015	Erbil [Governorate: Iraq]
368021	Diala [Governorate: Iraq]
368022	Al-Anbar [Governorate: Iraq]
368023	Baghdad [Governorate: Iraq]
368024	Babylon [Governorate: Iraq]
368025	Kerbela [Governorate: Iraq]
368026	Wasit [Governorate: Iraq]
368027	Salah Al-Deen [Governorate: Iraq]
368028	Al-Najaf [Governorate: Iraq]
368031	Al-Qadisiya [Governorate: Iraq]
368032	Al-Muthanna [Governorate: Iraq]
368033	Thi-Qar [Governorate: Iraq]
368034	Maysan [Governorate: Iraq]
368035	Al-Basrah [Governorate: Iraq]
368097	Other countries [Governorate: Iraq]
368098	Unknown [Governorate: Iraq]
388001	Kingston [Parish: Jamaica]
388002	Saint Andrew [Parish: Jamaica]
388003	Saint Thomas [Parish: Jamaica]
388004	Portland [Parish: Jamaica]
388005	Saint Mary [Parish: Jamaica]
388006	Saint Ann [Parish: Jamaica]
388007	Trelawny [Parish: Jamaica]
388008	Saint James [Parish: Jamaica]
388009	Hanover [Parish: Jamaica]
388010	Westmoreland [Parish: Jamaica]
388011	Saint Elizabeth [Parish: Jamaica]

388012	Manchester [Parish: Jamaica]
388013	Clarendon [Parish: Jamaica]
388014	Saint Catherine [Parish: Jamaica]
388098	Unknown [Parish: Jamaica]
388099	NIU (Not in universe) [Parish: Jamaica]
400011	Amman [Governorate: Jordan]
400012	Balqa [Governorate: Jordan]
400013	Zarqa [Governorate: Jordan]
400014	Madaba [Governorate: Jordan]
400021	Irbid [Governorate: Jordan]
400022	Mafraq [Governorate: Jordan]
400023	Jarash [Governorate: Jordan]
400024	Ajlun [Governorate: Jordan]
400031	Karak [Governorate: Jordan]
400032	Tafilah [Governorate: Jordan]
400033	Ma'an [Governorate: Jordan]
400034	Aqaba [Governorate: Jordan]
400997	Foreign Country [Governorate: Jordan]
400998	Unknown [Governorate: Jordan]
404001	Nairobi [Province: Kenya]
404002	Central [Province: Kenya]
404003	Coast [Province: Kenya]
404004	Eastern [Province: Kenya]
404005	Northeastern [Province: Kenya]
404006	Nyanza [Province: Kenya]
404007	Rift Valley [Province: Kenya]
404008	Western [Province: Kenya]
404097	Abroad [Province: Kenya]
404098	Unknown [Province: Kenya]
404099	NIU (not in universe) [Province: Kenya]
417001	Bishkek [Region: Kyrgyz Republic]
417002	Issyk-Kul region [Region: Kyrgyz Republic]
417003	Dzhalal-Abad region [Region: Kyrgyz Republic]
417004	Naryn region [Region: Kyrgyz Republic]
417005	Batken region [Region: Kyrgyz Republic]
417006	Oshskaya region, City of Osh [Region: Kyrgyz Republic]
417007	Talasskaya region [Region: Kyrgyz Republic]
417008	Chuya region [Region: Kyrgyz Republic]
417096	Other Kyrgyz Republic, not specified [Region: Kyrgyz Republic]

417097	Foreign country [Region: Kyrgyz Republic]
417098	Unknown [Region: Kyrgyz Republic]
417099	NIU (not in universe) [Region: Kyrgyz Republic]
418001	Vientiane Capital [Province: Laos]
418002	Phongsaly [Province: Laos]
418003	Luangnamtha [Province: Laos]
418004	Oudomxay [Province: Laos]
418005	Bokeo [Province: Laos]
418006	Luangprabang [Province: Laos]
418007	Huaphanh [Province: Laos]
418008	Xayaboury [Province: Laos]
418009	Xienkhuang [Province: Laos]
418010	Vientiane Province [Province: Laos]
418011	Borikhamxay [Province: Laos]
418012	Khammuane [Province: Laos]
418013	Savanakhet [Province: Laos]
418014	Saravane [Province: Laos]
418015	Sekong [Province: Laos]
418016	Champasack [Province: Laos]
418017	Attapeu [Province: Laos]
418018	Xaysomboune [Province: Laos]
418097	Foreign Country [Province: Laos]
418098	Unknown [Province: Laos]
418099	NIU [Province: Laos]
662003	Castries city, Castries rural, Castries suburban [District: Saint Lucia]
662009	Choiseul, Laborie, Vieux-Fort [District: Saint Lucia]
662010	Anse-la-Raye, Canaries, Micoud, Soufriere [District: Saint Lucia]
662012	Dennery, Gros-Islet [District: Saint Lucia]
662098	Unknown [District: Saint Lucia]
662099	NIU [District: Saint Lucia]
454101	Chitipa [District: Malawi]
454102	Karonga [District: Malawi]
454103	Nkhata Bay, Likoma [District: Malawi]
454104	Rumphi [District: Malawi]
454105	Mzimba, Mzuzu city [District: Malawi]
454201	Kasungu [District: Malawi]
454202	Nkhotakota [District: Malawi]
454203	Ntchisi [District: Malawi]
454204	Dowa [District: Malawi]

454205	Salima [District: Malawi]
454206	Lilongwe, Lilongwe city [District: Malawi]
454207	Mchinji [District: Malawi]
454208	Dedza [District: Malawi]
454209	Ntcheu [District: Malawi]
454301	Mangochi [District: Malawi]
454302	Machinga [District: Malawi]
454303	Zomba, Zomba city [District: Malawi]
454304	Chiradzulu [District: Malawi]
454305	Blantyre, Blantyre city [District: Malawi]
454307	Thyolo [District: Malawi]
454308	Mulanje [District: Malawi]
454309	Phalombe [District: Malawi]
454310	Chikwawa [District: Malawi]
454311	Nsanje [District: Malawi]
454312	Balaka [District: Malawi]
454313	Mwanza, Neno [District: Malawi]
454997	Abroad [District: Malawi]
454999	NIU (not in universe) [District: Malawi]
466001	Kayes [Region: Mali]
466002	Koulikoro [Region: Mali]
466003	Sikasso [Region: Mali]
466004	Ségou [Region: Mali]
466005	Mopti [Region: Mali]
466006	Tombouctou [Region: Mali]
466007	Gao, Kidal [Region: Mali]
466009	Bamako [Region: Mali]
466096	Mali, province unspecified [Region: Mali]
466097	Foreign country [Region: Mali]
466098	Unknown [Region: Mali]
466999	NIU (not in universe) [Region: Mali]
484001	Aguascalientes [State: Mexico]
484002	Baja California [State: Mexico]
484003	Baja California Sur [State: Mexico]
484004	Campeche [State: Mexico]
484005	Coahuila de Zaragoza [State: Mexico]
484006	Colima [State: Mexico]
484007	Chiapas [State: Mexico]
484008	Chihuahua [State: Mexico]

484009	Distrito Federal [State: Mexico]
484010	Durango [State: Mexico]
484011	Guanajuato [State: Mexico]
484012	Guerrero [State: Mexico]
484013	Hidalgo [State: Mexico]
484014	Jalisco [State: Mexico]
484015	México [State: Mexico]
484016	Michoacán de Ocampo [State: Mexico]
484017	Morelos [State: Mexico]
484018	Nayarit [State: Mexico]
484019	Nuevo León [State: Mexico]
484020	Oaxaca [State: Mexico]
484021	Puebla [State: Mexico]
484022	Querétaro [State: Mexico]
484023	Quintana Roo [State: Mexico]
484024	San Luis Potosí [State: Mexico]
484025	Sinaloa [State: Mexico]
484026	Sonora [State: Mexico]
484027	Tabasco [State: Mexico]
484028	Tamaulipas [State: Mexico]
484029	Tlaxcala [State: Mexico]
484030	Veracruz de Ignacio de la Llave [State: Mexico]
484031	Yucatán [State: Mexico]
484032	Zacatecas [State: Mexico]
484097	Abroad [State: Mexico]
484098	Unknown [State: Mexico]
484099	NIU (not in universe) [State: Mexico]
496001	Arkhangai [Province: Mongolia]
496002	Bayan-Olgii [Province: Mongolia]
496003	Bayankhongor [Province: Mongolia]
496004	Bulgan [Province: Mongolia]
496005	Govi-Altai [Province: Mongolia]
496006	Dornogovi, Govisumber [Province: Mongolia]
496007	Dornod [Province: Mongolia]
496008	Dundgovi [Province: Mongolia]
496009	Zavkhan [Province: Mongolia]
496010	Ovorkhangai [Province: Mongolia]
496011	Omnogovi [Province: Mongolia]
496012	Sukhbaatar [Province: Mongolia]

496013	Selenge [Province: Mongolia]
496014	Tov [Province: Mongolia]
496015	Uvs [Province: Mongolia]
496016	Khovd [Province: Mongolia]
496017	Khovsgol [Province: Mongolia]
496018	Khentii [Province: Mongolia]
496019	Darkhan-Uul [Province: Mongolia]
496020	Ulaanbaatar [Province: Mongolia]
496021	Orkhon [Province: Mongolia]
496097	Abroad [Province: Mongolia]
496099	NIU (not in universe) [Province: Mongolia]
104001	Kachin [State: Myanmar]
104002	Kayah [State: Myanmar]
104003	Kayin [State: Myanmar]
104004	Chin [State: Myanmar]
104005	Sagaing [State: Myanmar]
104006	Tanintharyi [State: Myanmar]
104007	Bago [State: Myanmar]
104008	Magway [State: Myanmar]
104009	Mandalay [State: Myanmar]
104010	Mon [State: Myanmar]
104011	Rakhine [State: Myanmar]
104012	Yangon [State: Myanmar]
104013	Shan [State: Myanmar]
104014	Ayeyawady [State: Myanmar]
104015	Nay Pyi Taw [State: Myanmar]
104097	Abroad [State: Myanmar]
104099	NIU [State: Myanmar]
591002	Coclé [Province: Panama]
591003	Colón, Comarca Kuna Yala (San Blas) [Province: Panama]
591004	Bocas de Toro, Chiriquí, Comarca Ngäbe Buglé, Veraguas [Province: Panama]
591005	Comarca Emberá, Darién [Province: Panama]
591006	Herrera [Province: Panama]
591007	Los Santos [Province: Panama]
591008	Panamá [Province: Panama]
591009	Unknown district in Panamá province [Province: Panama]
591097	Foreign country [Province: Panama]
591098	Unknown [Province: Panama]
591099	NIU (not in universe) [Province: Panama]

608001	Abra [Province: Philippines]
608002	Agusan del norte [Province: Philippines]
608003	Agusan del sur [Province: Philippines]
608004	Aklan [Province: Philippines]
608005	Albay [Province: Philippines]
608006	Antique [Province: Philippines]
608007	Basilan, City Of Isabela [Province: Philippines]
608008	Bataan [Province: Philippines]
608010	Batangas [Province: Philippines]
608011	Benguet [Province: Philippines]
608012	Bohol [Province: Philippines]
608013	Bukidnon [Province: Philippines]
608014	Bulacan [Province: Philippines]
608015	Cagayan, Batanes [Province: Philippines]
608016	Camarines norte [Province: Philippines]
608017	Camarines Sur [Province: Philippines]
608018	Camiguin [Province: Philippines]
608019	Capiz [Province: Philippines]
608020	Catanduanes [Province: Philippines]
608021	Cavite [Province: Philippines]
608022	Cebu [Province: Philippines]
608023	Davao (Davao del Norte) [Province: Philippines]
608024	Davao del Sur, Davao Occidental [Province: Philippines]
608025	Davao Oriental [Province: Philippines]
608026	Eastern Samar [Province: Philippines]
608027	Ifugao [Province: Philippines]
608028	Ilocos Norte [Province: Philippines]
608029	Ilocos Sur [Province: Philippines]
608030	Iloilo, Guimaras [Province: Philippines]
608031	Isabela [Province: Philippines]
608032	Kalinga-Apayao, Apayo, Kalinga [Province: Philippines]
608033	La Union [Province: Philippines]
608034	Laguna [Province: Philippines]
608035	Lanao del Norte [Province: Philippines]
608036	Lanao del Sur, Maguindanao, Marawi City and Cotabato city [Province: Philippines]
608037	Leyte, Biliran [Province: Philippines]
608039	Manila [Province: Philippines]
608040	Marinduque [Province: Philippines]
608041	Masbate [Province: Philippines]

608042	Misamis Occidental [Province: Philippines]
608043	Misamis Oriental [Province: Philippines]
608044	Mountain Province [Province: Philippines]
608045	Negros Occidental [Province: Philippines]
608046	Negros Oriental [Province: Philippines]
608047	Cotabato (North Cotabato) [Province: Philippines]
608048	Northern Samar [Province: Philippines]
608049	Nueva Ecija [Province: Philippines]
608050	Nueva Vizcaya [Province: Philippines]
608051	Occidental Mindoro [Province: Philippines]
608052	Oriental Mindoro [Province: Philippines]
608053	Palawan [Province: Philippines]
608054	Pampanga [Province: Philippines]
608055	Pangasinan [Province: Philippines]
608056	Quezon [Province: Philippines]
608057	Quirino [Province: Philippines]
608058	Rizal [Province: Philippines]
608059	Romblon [Province: Philippines]
608060	Samar (Western Samar) [Province: Philippines]
608061	Siquijor [Province: Philippines]
608062	Sorsogon [Province: Philippines]
608063	South Cotabato, Sarangani [Province: Philippines]
608064	Southern Leyte [Province: Philippines]
608065	Sultan Kudarat [Province: Philippines]
608066	Sulu [Province: Philippines]
608067	Surigao Del Norte, Dinagat islands [Province: Philippines]
608068	Surigao del Sur [Province: Philippines]
608069	Tarlac [Province: Philippines]
608070	Tawi-Tawi [Province: Philippines]
608071	Zambales [Province: Philippines]
608072	Zamboanga Norte [Province: Philippines]
608073	Zamboanga del Sur, Zamboanga Sibugay [Province: Philippines]
608074	Manila Metro, 2nd District [Province: Philippines]
608075	Manila Metro, 3rd District [Province: Philippines]
608076	Manila Metro, 4th District [Province: Philippines]
608077	Aurora [Province: Philippines]
608097	Foreign country [Province: Philippines]
608098	Unknown [Province: Philippines]
608099	NIU (not in universe) [Province: Philippines]

642001	Alba [County: Romania]
642002	Arad [County: Romania]
642003	Arges [County: Romania]
642004	Bacau [County: Romania]
642005	Bihor [County: Romania]
642006	Bistrita Nasaud [County: Romania]
642007	Botosani [County: Romania]
642008	Brasov [County: Romania]
642009	Braila [County: Romania]
642010	Buzau [County: Romania]
642011	Caras Severin [County: Romania]
642012	Cluj [County: Romania]
642013	Constanta [County: Romania]
642014	Covasna [County: Romania]
642015	Dambovita [County: Romania]
642016	Dolj [County: Romania]
642017	Galati [County: Romania]
642018	Gorj [County: Romania]
642019	Harghita [County: Romania]
642020	Hunedoara [County: Romania]
642022	Iasi [County: Romania]
642024	Maramures [County: Romania]
642025	Mehedinti [County: Romania]
642026	Mures [County: Romania]
642027	Neamt [County: Romania]
642028	Olt [County: Romania]
642029	Prahova [County: Romania]
642030	Satu Mare [County: Romania]
642031	Salaj [County: Romania]
642032	Sibiu [County: Romania]
642033	Suceava [County: Romania]
642034	Teleorman [County: Romania]
642035	Timis [County: Romania]
642036	Tulcea [County: Romania]
642037	Vaslui [County: Romania]
642038	Valcea [County: Romania]
642039	Vrancea [County: Romania]
642043	Bucharest Sector 1 to 6 [County: Romania]
642051	Calarasi, Giurgiu, Ialomita, Ilfov [County: Romania]

642097	Foreign country [County: Romania]
642098	Unknown [County: Romania]
642099	NIU (not in universe) [County: Romania]
646002	Byumba, Kigali Ngali, Kigali Ville, Kibungo, Umutara [Province: Rwanda]
646003	Gitarama [Province: Rwanda]
646004	Butare [Province: Rwanda]
646005	Gikongoro [Province: Rwanda]
646006	Cyangugu [Province: Rwanda]
646007	Kibuye [Province: Rwanda]
646008	Gisenyi [Province: Rwanda]
646009	Ruhengeri [Province: Rwanda]
646097	Foreign Countries [Province: Rwanda]
646098	Unknown [Province: Rwanda]
646099	NIU [Province: Rwanda]
705001	Pomurska [Region: Slovenia]
705002	Podravska [Region: Slovenia]
705003	Koroška [Region: Slovenia]
705004	Savinjska [Region: Slovenia]
705005	Zasavska [Region: Slovenia]
705006	Spodnje-posavska [Region: Slovenia]
705007	Jugovzhodna Slovenija [Region: Slovenia]
705008	Osrednjeslovenska [Region: Slovenia]
705009	Gorenjska [Region: Slovenia]
705010	Notranjsko-kraška [Region: Slovenia]
705011	Goriška [Region: Slovenia]
705012	Obalno-kraška [Region: Slovenia]
705097	Abroad [Region: Slovenia]
705999	NIU (not in universe) [Region: Slovenia]
710001	Western Cape [Province: South Africa]
710004	Free State [Province: South Africa]
710005	Eastern Cape, KwaZulu-Natal [Province: South Africa]
710007	Gauteng, Limpopo, Mpumalanga, North West, Northern Cape [Province: South Africa]
710097	Foreign country [Province: South Africa]
710098	Unknown [Province: South Africa]
710099	NIU (not in universe) [Province: South Africa]
724011	Galicia [Communities & autonomous city: Spain]
724012	Principado de Asturias [Communities & autonomous city: Spain]
724013	Cantabria [Communities & autonomous city: Spain]
724021	País Vasco [Communities & autonomous city: Spain]

724022	Comunidad Foral de Navarra [Communities & autonomous city: Spain]
724023	La Rioja [Communities & autonomous city: Spain]
724024	Aragón [Communities & autonomous city: Spain]
724030	Comunidad de Madrid [Communities & autonomous city: Spain]
724041	Castilla y León [Communities & autonomous city: Spain]
724042	Castilla-La Mancha [Communities & autonomous city: Spain]
724043	Extremadura [Communities & autonomous city: Spain]
724051	Cataluña [Communities & autonomous city: Spain]
724052	Comunidad Valenciana [Communities & autonomous city: Spain]
724053	Islas Baleares [Communities & autonomous city: Spain]
724061	Andalucía [Communities & autonomous city: Spain]
724062	Región de Murcia [Communities & autonomous city: Spain]
724063	Ciudad Autónoma de Ceuta [Communities & autonomous city: Spain]
724064	Ciudad Autónoma de Melilla [Communities & autonomous city: Spain]
724070	Canarias [Communities & autonomous city: Spain]
724097	Abroad [Communities & autonomous city: Spain]
724999	NIU (not in universe) [Communities & autonomous city: Spain]
740001	Paramaribo [District: Suriname]
740002	Wanica [District: Suriname]
740003	Nickerie [District: Suriname]
740005	Saramacca, Coronie [District: Suriname]
740006	Marowijne, Commewijne [District: Suriname]
740008	Brokopondo, Para [District: Suriname]
740010	Sipaliwini [District: Suriname]
740096	Suriname, district unknown [District: Suriname]
740097	Foreign [District: Suriname]
740098	Unknown [District: Suriname]
764010	Bangkok [Province: Thailand]
764011	Samut Prakan [Province: Thailand]
764012	Nonthaburi [Province: Thailand]
764013	Pathum Thani [Province: Thailand]
764014	Phra Nakhon Si Ayutthaya [Province: Thailand]
764015	Ang Thong [Province: Thailand]
764016	Lop Buri [Province: Thailand]
764017	Sing Buri [Province: Thailand]
764018	Chai Nat [Province: Thailand]
764019	Sa Kaeo, Prachin Buri [Province: Thailand]
764020	Chon Buri [Province: Thailand]
764021	Rayong [Province: Thailand]

764022	Chanthaburi [Province: Thailand]
764023	Trat [Province: Thailand]
764024	Chachoengsao [Province: Thailand]
764026	Nakhon Nayok [Province: Thailand]
764027	Saraburi [Province: Thailand]
764030	Nakhon Ratchasima [Province: Thailand]
764031	Buri Ram [Province: Thailand]
764032	Surin [Province: Thailand]
764033	Si Sa Ket [Province: Thailand]
764034	Ubon Ratchathani, Yasothon, Amnat Charoen [Province: Thailand]
764036	Chaiyaphum [Province: Thailand]
764039	Nong Bua Lam Phu, Udon Thani [Province: Thailand]
764040	Khon Kaen [Province: Thailand]
764042	Loei [Province: Thailand]
764043	Nong Khai [Province: Thailand]
764044	Maha Sarakham [Province: Thailand]
764045	Roi Et [Province: Thailand]
764046	Kalasin [Province: Thailand]
764047	Sakon Nakhon [Province: Thailand]
764048	Nakhon Phanom, Mukdahan [Province: Thailand]
764050	Chiang Mai [Province: Thailand]
764051	Lamphun [Province: Thailand]
764052	Lampang [Province: Thailand]
764053	Uttaradit [Province: Thailand]
764054	Phrae [Province: Thailand]
764055	Nan [Province: Thailand]
764057	Phayao, Chiang Rai [Province: Thailand]
764058	Mae Hong Son [Province: Thailand]
764060	Nakhon Sawan [Province: Thailand]
764061	Uthai Thani [Province: Thailand]
764062	Kamphaeng Phet [Province: Thailand]
764063	Tak [Province: Thailand]
764064	Sukhothai [Province: Thailand]
764065	Phitsanulok [Province: Thailand]
764066	Phichit [Province: Thailand]
764067	Phetchabun [Province: Thailand]
764070	Ratchaburi [Province: Thailand]
764071	Kanchanaburi [Province: Thailand]
764072	Suphanburi [Province: Thailand]

764073	Nakhon Pathom [Province: Thailand]
764074	Samut Sakhon [Province: Thailand]
764075	Samut Songkhram [Province: Thailand]
764076	Phetchaburi [Province: Thailand]
764077	Prachuap Khiri Khan [Province: Thailand]
764080	Nakhon Si Thammarat [Province: Thailand]
764082	Phangnga [Province: Thailand]
764083	Phuket [Province: Thailand]
764084	Krabi, Surat Thani [Province: Thailand]
764086	Ranong, Chumphon [Province: Thailand]
764090	Songkhla [Province: Thailand]
764091	Satun [Province: Thailand]
764092	Trang [Province: Thailand]
764093	Phatthalung [Province: Thailand]
764094	Pattani [Province: Thailand]
764095	Yala [Province: Thailand]
764096	Narathiwat [Province: Thailand]
764097	Same province [Province: Thailand]
764098	Unknown province, but within Thailand [Province: Thailand]
764997	Abroad [Province: Thailand]
764998	Unknown [Province: Thailand]
764999	NIU (not in universe) [Province: Thailand]
768001	Maritime, Lomé [Region: Togo]
768002	Plateaux, Centrale, Kara [Region: Togo]
768003	Savanes [Region: Togo]
768097	Foreign Country [Region: Togo]
768098	Unknown [Region: Togo]
768099	NIU [Region: Togo]
780010	Port of Spain [Region: Trinidad and Tobago]
780020	San Fernando [Region: Trinidad and Tobago]
780080	Diego Martin, San Juan/Laventille, Tunapuna/Piarco, Chaguanas, Sangre Grande, Couva/Tabaquite /Talparo, Rio Claro/Mayaro, Siparia, Penal/Debe, Princess Town, Port Fontin, Caroni, St. Andrew/St. David, Victoria, St. Patrick, Arima [Region: Trinidad and Tobago]
780094	St. Paul, St. Mary, St. David, St. George, St. Patrick, St. Andrew, St. John, Tobago [Region: Trinidad and Tobago]
780098	Unknown [Region: Trinidad and Tobago]
800101	Kalangala [District: Uganda]
800102	Kampala [District: Uganda]
800103	Kiboga, Kyankwanzi [District: Uganda]
800104	Luwero, Nakasongola, Nakaseke [District: Uganda]
800105	Masaka, Ssembabule, Bukomansimbi, Kalungu, Lwengo [District: Uganda]

800106	Mpigi, Wakiso, Butambala, Gomba [District: Uganda]
800107	Mubende, Mityana [District: Uganda]
800108	Mukono, Kayunga, Buikwe, Buvuma [District: Uganda]
800110	Rakai, Lyantonde [District: Uganda]
800201	Bugiri, Iganga, Mayuge, Namutumba, Luuka, Namayingo [District: Uganda]
800202	Busia, Tororo, Butaleja [District: Uganda]
800204	Jinja [District: Uganda]
800205	Kamuli, Kaliro, Buyende [District: Uganda]
800206	Kapchorwa, Bukwo, Kween [District: Uganda]
800207	Katakwi, Soroti, Kaberamaido, Amuria, Serere [District: Uganda]
800208	Kumi, Bukedea, Ngora [District: Uganda]
800209	Mbale, Sironko, Bududa, Manafwa, Bulambuli [District: Uganda]
800210	Pallisa, Budaka, Kibuku [District: Uganda]
800301	Adjumani, Moyo [District: Uganda]
800302	Apac, Oyam, Kole [District: Uganda]
800303	Arua, Yumbe, Koboko, Maracha [District: Uganda]
800304	Gulu, Amuru, Nwoya, Omoro [District: Uganda]
800305	Kitgum, Pader, Agago, Lamwo [District: Uganda]
800306	Kotido, Moroto, Nakapiripirit, Abim, Kaabong, Amudat, Napak [District: Uganda]
800307	Lira, Amolatar, Dokolo, Alebtong, Otuke [District: Uganda]
800310	Nebbi, Zombo [District: Uganda]
800401	Bundibugyo, Ntoroko [District: Uganda]
800402	Bushenyi, Mbarara, Ntungamo, Ibanda, Isingiro, Kiruhura, Buhweju, Mitooma, Rubirizi, Sheema [District: Uganda]
800403	Hoima [District: Uganda]
800404	Kabale, Rubanda [District: Uganda]
800405	Kabarole, Kamwenge, Kyenjojo, Kyegegwa [District: Uganda]
800406	Kasese [District: Uganda]
800407	Kibaale, Kagadi, Kakumiro [District: Uganda]
800408	Kisoro [District: Uganda]
800409	Masindi, Buliisa, Kiryandongo [District: Uganda]
800412	Rukungiri, Kanungu [District: Uganda]
800096	Visitor [District: Uganda]
800097	Foreign country [District: Uganda]
800098	Unknown [District: Uganda]
804001	The Autonomous Republic of Crimea [Region: Ukraine]
804005	Vinnitska oblast [Region: Ukraine]
804007	Volynska oblast [Region: Ukraine]
804012	Dnipropetrovska oblast [Region: Ukraine]
804014	Donetska oblast [Region: Ukraine]

804018	Zhytomyrska oblast [Region: Ukraine]
804021	Zakarpatska oblast [Region: Ukraine]
804023	Zaporizka oblast [Region: Ukraine]
804026	Ivano-Frankivska oblast [Region: Ukraine]
804032	Kyivska oblast [Region: Ukraine]
804035	Kirovohradska oblast [Region: Ukraine]
804044	Luhanska oblast [Region: Ukraine]
804046	Lvivska oblast [Region: Ukraine]
804048	Mykolaivska oblast [Region: Ukraine]
804051	Odeska oblast [Region: Ukraine]
804053	Poltavska oblast [Region: Ukraine]
804056	Rivnenska oblast [Region: Ukraine]
804059	Sumska oblast [Region: Ukraine]
804061	Ternopil'ska oblast [Region: Ukraine]
804063	Kharkivska oblast [Region: Ukraine]
804065	Khersonska oblast [Region: Ukraine]
804068	Khmelnytska oblast [Region: Ukraine]
804071	Cherkaska oblast [Region: Ukraine]
804073	Chernivetska oblast [Region: Ukraine]
804074	Chernihivska oblast [Region: Ukraine]
804080	Kyiv (independent city) [Region: Ukraine]
804085	Sevastopol (independent city) [Region: Ukraine]
804097	Foreign country [Region: Ukraine]
804098	Unknown [Region: Ukraine]
804099	NIU (not in universe) [Region: Ukraine]
858001	Montevideo [Department: Uruguay]
858002	Artigas [Department: Uruguay]
858003	Canelones [Department: Uruguay]
858004	Cerro Largo [Department: Uruguay]
858005	Colonia [Department: Uruguay]
858006	Durazno [Department: Uruguay]
858007	Flores [Department: Uruguay]
858008	Florida [Department: Uruguay]
858009	Lavalleja [Department: Uruguay]
858010	Maldonado [Department: Uruguay]
858011	Paysandú [Department: Uruguay]
858012	Río Negro [Department: Uruguay]
858013	Rivera [Department: Uruguay]
858014	Rocha [Department: Uruguay]

858015	Salto [Department: Uruguay]
858016	San Jose [Department: Uruguay]
858017	Soriano [Department: Uruguay]
858018	Tacuarembó [Department: Uruguay]
858019	Treinta Y Tres [Department: Uruguay]
858097	Abroad [Department: Uruguay]
858098	Unknown [Department: Uruguay]
858999	NIU (not in universe) [Department: Uruguay]
862001	Federal District, Vargas [State: Venezuela]
862002	Amazonas Federal Territory [State: Venezuela]
862003	Anzoátegui [State: Venezuela]
862004	Apure [State: Venezuela]
862005	Aragua [State: Venezuela]
862007	Bolívar [State: Venezuela]
862008	Carabobo [State: Venezuela]
862009	Cojedes [State: Venezuela]
862010	Amacuros Delta Federal Territory [State: Venezuela]
862011	Falcón [State: Venezuela]
862012	Guárico [State: Venezuela]
862013	Lara [State: Venezuela]
862014	Barinas, Mérida [State: Venezuela]
862015	Miranda [State: Venezuela]
862016	Monagas [State: Venezuela]
862017	Nueva Esparta, Federal Dependencies [State: Venezuela]
862018	Portuguesa [State: Venezuela]
862019	Sucre [State: Venezuela]
862020	Táchira [State: Venezuela]
862021	Trujillo [State: Venezuela]
862022	Yaracuy [State: Venezuela]
862023	Zulia [State: Venezuela]
862097	Foreign country [State: Venezuela]
862098	Unknown [State: Venezuela]
862099	NIU (not in universe) [State: Venezuela]

## description

### DEFINITION

GEOMIG1\_P indicates the major administrative unit in which the person previously resided prior to the survey. Only intra-national migrations are recorded; however, the variable incorporates geographies for every country that lists place of previous residence, to enable comparative analysis of subnational migration. Foreign migrants are coded 097 or 997. Codes for GEOMIG1\_1 match the geographic codes in GEOLEV1 (current place of residence).

For similar information for different time intervals since migration, see variables GEOMIG1\_1, GEOMIG1\_5, and GEOMIG1\_10. More on migration and geography can be found [here](#).

## concept

### CONCEPT

#### **MIG1\_P\_TH: Province of previous residence, Thailand; consistent boundaries, GIS**

Data file: THA1990\_PHC-P-H

#### Overview

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

#### Questions and instructions

#### CATEGORIES

Value	Category
764010	Bangkok
764011	Samut Prakan
764012	Nonthaburi
764013	Pathum Thani
764014	Phra Nakhon Si Ayutthaya
764015	Ang Thong
764016	Lop Buri
764017	Sing Buri
764018	Chai Nat
764019	Sa Kaeo, Prachin Buri
764020	Chon Buri
764021	Rayong
764022	Chanthaburi
764023	Trat
764024	Chachoengsao
764026	Nakhon Nayok
764027	Saraburi
764070	Ratchaburi
764071	Kanchanaburi
764072	Suphanburi
764073	Nakhon Pathom
764074	Samut Sakhon
764075	Samut Songkhram

764076	Phetchaburi
764077	Prachuap Khiri Khan
764030	Nakhon Ratchasima
764031	Buri Ram
764032	Surin
764033	Si Sa Ket
764034	Ubon Ratchathani, Yasothon, Amnat Charoen
764036	Chaiyaphum
764039	Nong Bua Lam Phu, Udon Thani
764040	Khon Kaen
764042	Loei
764043	Nong Khai
764044	Maha Sarakham
764045	Roi Et
764046	Kalasin
764047	Sakon Nakhon
764048	Nakhon Phanom, Mukdahan
764050	Chiang Mai
764051	Lamphun
764052	Lampang
764053	Uttaradit
764054	Phrae
764055	Nan
764057	Phayao, Chiang Rai
764058	Mae Hong Son
764060	Nakhon Sawan
764061	Uthai Thani
764062	Kamphaeng Phet
764063	Tak
764064	Sukhothai
764065	Phitsanulok
764066	Phichit
764067	Phetchabun
764080	Nakhon Si Thammarat
764082	Phangnga
764083	Phuket
764084	Krabi, Surat Thani
764086	Ranong, Chumphon
764090	Songkhla

764091	Satun
764092	Trang
764093	Phatthalung
764094	Pattani
764095	Yala
764096	Narathiwat
764097	Same province
764098	Unknown province, but within Thailand
764997	Abroad
764998	Unknown
764999	NIU (not in universe)

## description

### DEFINITION

MIG1\_P\_TH indicates the person's province of previous residence in Thailand, if they changed province within the last 5 years.

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

## concept

### CONCEPT

### **MIGCAUSE: Reason for migration**

**Data file:** THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

Value	Category
00	NIU (not in universe)
10	Work
11	Seeking work
12	Job relocation
13	Job assignment
14	Opportunity
15	Proximity to work

16	Job loss
19	Other work
20	Family move
21	Follow household head
22	Follow spouse
23	Follow relative
24	Marriage of a family member
25	Divorce or separation of a family member
26	Healthcare or age of a family member
27	Death or birth of a family member
29	Other family
30	Education
31	Studies
32	End of education
33	Proximity to education
34	Other education
40	Marriage, divorce, widowhood
41	Marriage or union
42	Divorce or widowhood
50	Insecurity, disaster, or violence
51	War, conflict
52	Violence or insecurity
53	Domestic violence
54	Social or political problems, including security
55	Natural disaster
56	Refugee, reason not specified
57	Asylum seeker, reason not specified
59	Other insecurity, disaster, or violence
60	Personal
61	Age related reasons
62	Quality of life
63	Become independent
69	Other personal
70	Other reason
71	Health
72	Repatriation
73	Retirement
74	House or flat acquisition
75	Housing problems

76	Visiting
77	Ordination
78	Military or institutional housing
79	Other reason, not elsewhere classified
99	Unknown

## description

### DEFINITION

MIGCAUSE indicates the reason why the person moved from their previous place of residence.

## concept

### CONCEPT

## MIGYRS1: Years residing in current locality

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

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

15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
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31	31
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53	53

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62	62
63	63
64	64
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66	66
67	67
68	68
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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+ years
96	Less than 5 years
97	More than 5 years
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

MIGYRS1 indicates how many years the person has resided in their current locality of residence.

## concept

### CONCEPT

## DISPSYC: Psychological disability

Data file: THA1990\_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
9	Unknown

## description

### DEFINITION

DISPSYC indicates whether the person was disabled due to mental illness.

## concept

### CONCEPT

**TH1990A\_AGER: Age, reported****Data file:** THA1990\_PHC-P-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva v="TH90A400 TH90A401 TH90A402 TH90A403 TH90A404 TH90A405 TH90A432">[Questions S1- S6 were asked of every person.]</sva></p>

<p><sva a="all" v="TH90A405 TH90A432">S6. Age \_\_</sva><br /><div class="i1">Record age as of last birthday prior to 1 April 1990. If age less than 1 year, record "00".</div></p>

## CATEGORIES

Value	Category
00	Less than 1 year
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
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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
98	98 years+
99	Unknown

## description

### DEFINITION

This variable indicates the age (reported) of the person.

UNIVERSE  
Thailand 1990: All persons

## concept

CONCEPT

### TH1990A\_BIRTHMO: Month of Birth

Data file: THA1990\_PHC-P-H

#### Overview

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

#### Questions and instructions

##### LITERAL QUESTION

<sva r v="TH90A400 TH90A401 TH90A402 TH90A403 TH90A404 TH90A405 TH90A432">[Questions S1- S6 were asked of every person.]<br /></sva r></p>

<p><sva r a="all" v="TH90A403 TH90A404">S5. What's [respondent's] month and year of birth?<br /><div class="i1">Record month and year of birth.<br /><br />Month \_\_<br />Year \_\_\_\_</div><br /></sva r>

##### 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
21	Lunar 1(Dec.)
22	Lunar 2(Jan.)
23	Lunar 3(Feb.)
24	Lunar 4(March)
25	Lunar 5(April)
26	Lunar 6(May)
27	Lunar 7(June)

28	Lunar 8(July)
29	Lunar 9(August)
30	Lunar 10(Sep.)
31	Lunar 11(Oct.)
32	Lunar 12(Nov.)
99	Unknown

## description

### DEFINITION

This variable indicates the person's month of birth.

### UNIVERSE

Thailand 1990: All persons

## concept

### CONCEPT

## TH1990A\_BIRTHYR: Year of Birth

**Data file:** THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva v="TH90A400 TH90A401 TH90A402 TH90A403 TH90A404 TH90A405 TH90A432">[Questions S1- S6 were asked of every person.]</sva></p>

<p><sva a="all" v="TH90A403 TH90A404">S5. What's [respondent's] month and year of birth?</sva><div class="i1">Record month and year of birth.</div><br />Month \_\_</div><br />Year \_\_\_\_</div></p>

### CATEGORIES

Value	Category
000	Snake (small)
001	Snake (big)
002	Rabbit
003	Tiger
004	Cow
005	Rat
006	Pig
007	Dog

008	Cock
009	Monkey
010	Goat
011	Horse
427	1884
428	1885
429	1886
430	1887
431	1888
432	1889
433	1890
434	1891
435	1892
436	1893
437	1894
438	1895
439	1896
440	1897
441	1898
442	1899
443	1900
444	1901
445	1902
446	1903
447	1904
448	1905
449	1906
450	1907
451	1908
452	1909
453	1910
454	1911
455	1912
456	1913
457	1914
458	1915
459	1916
460	1917
461	1918

462	1919
463	1920
464	1921
465	1922
466	1923
467	1924
468	1925
469	1926
470	1927
471	1928
472	1929
473	1930
474	1931
475	1932
476	1933
477	1934
478	1935
479	1936
480	1937
481	1938
482	1939
483	1940
484	1941
485	1942
486	1943
487	1944
488	1945
489	1946
490	1947
491	1948
492	1949
493	1950
494	1951
495	1952
496	1953
497	1954
498	1955
499	1956
500	1957

501	1958
502	1959
503	1960
504	1961
505	1962
506	1963
507	1964
508	1965
509	1966
510	1967
511	1968
512	1969
513	1970
514	1971
515	1972
516	1973
517	1974
518	1975
519	1976
520	1977
521	1978
522	1979
523	1980
524	1981
525	1982
526	1983
527	1984
528	1985
529	1986
530	1987
531	1988
532	1989
533	1990
999	Unknown

## description

---

### DEFINITION

This variable indicates the person's year of birth.

UNIVERSE  
Thailand 1990: All persons

## concept

CONCEPT

### TH1990A\_EDATTAIN: Highest grade completed

Data file: THA1990\_PHC-P-H

#### Overview

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

#### Questions and instructions

##### LITERAL QUESTION

<svr v="TH90A406">[Ask only person 5 years and over.]</svr></p>

<p><svr a="all" v="TH90A406">S7. Highest Level of school attainment</svr><br /><br />What's [respondent's] highest level of school attainment? \_\_\_\_<br /><br /><div class="i1">Record the highest level of education lastly completed as of 1 January 1990. If never attended school, record "never".</div><br /></svr>

##### CATEGORIES

Value	Category
01	Never attended school
10	Kindergarten
11	Primary level 1
12	Primary level 2
13	Primary level 3
14	Primary level 4
15	Primary level 5 (P5 or M1 in old system)
16	Primary level 6 (P6 or M2 in old system)
17	Primary level (P7 or M3 in old system)
19	Primary level, unknown year
21	General secondary level, year 1
22	General secondary level, year 2 (M.S.1 in old system)
23	General secondary level, year 3 (M.S.2 in old system)
24	General secondary level, year 3 (M.S.3 in old system)
25	General secondary level, year 4
26	General secondary level, year 5
27	General secondary level, year 6
29	General secondary level, unknown year
31	General university level, year 1

32	General university level, year 2
33	General university level, year 3
34	General university level, year 4
35	General university level, year 5
36	Undergraduate degree (completed)
37	Master
38	Ph.D.
39	General university level, unknown year
41	Vocational secondary level, year 1
42	Vocational secondary level, year 2
43	Vocational secondary level, year 3
44	Upper vocational secondary level, year 1
45	Upper vocational secondary level, year 2
46	Upper vocational secondary level, year 3
49	Upper vocational secondary level, unknown year
51	Vocational university, year 1
52	Vocational university, year 2
53	Vocational university, teacher certificate
54	Vocational university, technical certificate
59	Vocational university, unknown year
61	Secondary level, teacher certificate (continue from M.3 in old system)
62	Secondary level, teacher certificate (continue from M.6 in old system)
63	Upper secondary level 1, teacher certificate
64	Upper secondary level 2, teacher certificate
65	University level (teacher training), year 1
66	University level (teacher training), year 2
67	University level (teacher training), year 3
68	University level (teacher training), year 4
69	University level (teacher training), unknown year
73	Nursing education (1 year curriculum)
74	Nursing education (obstetrician certificate)
75	Nursing education, year 1-3 of nursing diploma
76	Nursing education (nursing diploma)
77	Nursing education (year 3 of 4 year curriculum)
78	Nursing education (university level)
79	Nursing education, unknown level
80	Short vocational education
81	Third grade religion (Primary level 4)
82	Buddhism theology grades 3-4 (Secondary level 3)

83	Buddhism theology grades 5-6 (Secondary level 6)
84	Buddhism theology grade 9 (University level)
89	Religious study, unknown level
90	Other education
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the highest grade that the person completed.

### UNIVERSE

Thailand 1990: Persons age 5+ [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_MARST: Marital status

**Data file:** THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<svr v="TH90A407 TH90A408 TH90A409 TH90A410 TH90A411 TH90A412">[Questions S8- S11 were asked of persons 13 and older or were born before and in the year 1977]<br /></svr></p>

<p><svr a="all" v="TH90A407">S8. What's [respondent's] marital status? (on April 1,1990)<br /><div class="i1">[] 1 Single<br />[] 2 Married<br />[] 3 Widowed<br />[] 4 Divorced<br />[] 5 Separated<br />[] 6 Married, do not know status<br />[] 7 Priest, monk, novices</div><br /></svr>

### CATEGORIES

Value	Category
1	Never married
2	Currently married
3	Widowed
4	Divorced
5	Separated
6	Married, but unknown status
7	Monk, priest, novices

8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

This variable indicates the marital status of the person.

### UNIVERSE

Thailand 1990: Persons age 13+ [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_OCC3: Occupation last year

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<svr v="TH90A407 TH90A408 TH90A409 TH90A410 TH90A411 TH90A412">[Questions S8- S11 were asked of persons 13 and older or were born before and in the year 1977]</svr></p>

<p><svr a="all" v="TH90A408 TH90A409">S9. Last year occupation<br />What job did [respondent] spend most of the time working on during last year? (1 April 1989 to 31 March 1990) \_\_\_\_<br /><div class="i1">Record job explicitly. For example: rice farming, vegetable farming, barber, statistician, accountant. If did not work, record "did not work" and do not ask S10, S11.</div></svr>

### CATEGORIES

Value	Category
0001	Architects
0002	Engineers
0003	Explorers
0011	Chemists
0012	Physicists
0019	Physical scientists not classified elsewhere
0021	Veterinarians
0022	Biologists and zoologists not classified elsewhere
0023	Agricultural scientists, forestry professionals and scientists
0031	Physicians and surgeons
0032	Dentists

0041	Nurses
0042	Midwifery professionals
0049	Other nursing professionals not classified elsewhere
0051	Pharmacists
0052	Ophthalmologists
0053	Medical technicians, health and public health personnel
0059	Other health professionals not classified elsewhere
0061	Professors, lecturers, and teaching professionals in university
0062	General teachers in primary, secondary, and vocational education
0063	Specialized teachers in primary, secondary, and vocational education
0068	Administrative workers of universities and schools
0069	Other teaching professionals not classified elsewhere
0071	Monks, priests, ascetics, and religious teachers
0079	Other religious workers not specified elsewhere
0081	Lawyers, judges, and legal professionals
0091	Painters, sculptors, Engravers, and related artists
0092	Composers, journalists, and related writers
0093	Actors, musicians, dancers, and related workers
0101	Draftsmen and modelers (in architectures, civil engineering, electrical and mechanical works)
0109	Scientists, technicians, technical engineers not classified elsewhere
0111	Accountants
0112	Social workers
0113	Librarians and archivists
0114	Economists, mathematicians, and statisticians
0119	Other academic professions not classified elsewhere, including sociologists, anthropologists, historians, political scientists, etc.
1001	Administrative and managerial government officials
1002	All military personnel
1011	Directors, managers, head workers, and owners of mines, factories, and utility services
1012	Directors, managers, departmental head, and head workers of wholesale and retail trades
1013	Directors, managers, departmental head, head workers, and owners of financial institutions, insurance, and real estate business
1014	Directors, managers, departmental head, head workers, and owners of transportation business, warehouse, and communications
1015	Directors, managers, departmental head, head workers, and owners of service enterprises
1019	Directors, managers, departmental head, head workers, and owners not classified elsewhere
2001	Accounting clerks and cashiers
2011	Secretaries and keyboard-operating clerks
2021	Directors and head of clerks
2091	Machine operators and controllers

2099	Other clerks not classified elsewhere
3001	Owners and operators of wholesale trade
3002	Owners and operators of retail trade
3009	Owners and operators of wholesale and retail trade
3011	Sale representatives, real estate and insurance agents, and auctioneers
3021	Sale representatives of manufactures involving travelling to sell the products
3031	Sale workers and sale assistants
3032	Street vendors and newspapers sellers
3039	Sale workers, sale assistants, and related workers not classified elsewhere
3041	Directors and managers of sale workers, including purchase and sale managers
4001	Farmers and farm managers
4011	Farm workers not classified elsewhere
4021	Hunters and related workers
4031	Fishermen and related workers
4041	Forestry and related workers
5001	Miners and quarrymen
5011	Well drillers and related workers
5021	Mineral processors
5031	Workers in cement, lime, and sand production, and related workers
5099	Miners, quarrymen, and related workers not classified elsewhere
6001	Ship controllers and navigators
6002	Ship technicians
6011	Deck sailors and crews
6012	Freight cabin staffs and firemen
6021	Aircraft pilots, engineers, and related workers
6031	Train drivers and train technicians
6041	Motor vehicles drivers
6042	Drivers of animal vehicles
6043	Drivers of vehicles that use human workforce
6051	Train keepers
6061	Directors and superintendents of transportations
6062	Managers and controllers of air and water traffic
6071	Telephone and telegram operators
6072	Communication personnel, e.g. broadcast staffs
6081	Postmen and postal service employees
6082	News informants
6091	Public transport clerks
6092	Transportation workers not classified elsewhere
6093	Superintendents, controllers, time managers for traffic and communications

6094	Transport and communication workers not classified elsewhere
7001	Yarn and fibre preparers for weaving
7002	Yarn spinners
7003	Textile weavers and loom makers
7004	Knitters and operators of knitting machines
7005	Weaving designers
7006	Textile bleachers, dyers, and printing workers
7009	Workers in fibre and textiles production not classified elsewhere
7011	Dressmakers and garment makers
7012	Dressmakers of fur clothing and related workers
7013	Hat makers
7014	Mattress and cushion makers
7015	Textile, leather and related pattern makers and cutters
7016	Sewers and embroiders of textiles and leather clothing
7019	Makers of other textile products not classified elsewhere
7021	Shoe makers and related workers
7022	Footwear cutters and sewers and related workers
7029	Leather, plastic, rubber, and clothing workers not classified elsewhere
7031	Metal furnace operators
7032	Metal processing plant operators
7033	Workers in metal ironing and coiling plants
7035	Metal moulders
7036	Metal-compressing machine operators
7039	Workers in other metal production not classified elsewhere
7041	Assemblers of precision instruments, watch makers and repairers
7042	Jewelry and precious metal workers
7043	Jewelry cutters
7050	Assemblers and repairers of machinery, instruments makers, and machinery fitters
7051	Machinery operators
7052	Machinery installers and fitters (in addition to electrical and precision instruments)
7053	Repairers of machinery both motor and non-motor (in addition to electrical and precision instruments)
7054	Sheet-metal makers and repairers
7055	Plumbers and pipe fitters
7056	Metal welders and flame cutters
7057	Structural metal workers
7058	Metal plating and coating workers
7059	Other metal production workers not classified elsewhere
7061	Electricians and related workers
7062	Electric and electronic equipment mechanics and fitters

7063	Mechanic equipment, video and television repairers
7064	Telephone and telegram installers and repairers
7065	Electrical line installers and cable jointers
7069	Workers related to electric and electronic machines not classified elsewhere
7071	Carpenters and wood joiners
7072	Wood furniture makers
7073	Sawers and wood-related-equipment installers and fitters
7079	Wood treaters not classified elsewhere
7081	Building painters and maintenance workers
7082	Painters not in construction and maintenance work
7091	Brick and tile layers
7092	Masons and concrete moulders
7093	Concrete finishers and mosaic floor layers
7094	Construction insulator makers
7095	Workers in glass installations
7099	Other construction workers not classified elsewhere
8001	Typesetters and workers in printing production
8002	Printing-press-machine operators
8003	Printing machine makers
8004	Printing block carvers
8005	Picture printing finishers
8006	Book binders and related workers
8009	Workers in printing production not classified elsewhere
8011	Glass makers and related workers
8012	Potters and related workers
8013	Glass and pottery furnace operators
8014	Glass and pottery finishers
8019	Glass and pottery workers not classified elsewhere
8021	Grain grinders, millers, and related workers
8022	Bakers and related workers
8023	Candy and chocolate makers
8024	Beer, liquor, wine makers, and related workers
8025	Food preserving and processing workers
8026	Slaughters and meat preparers
8027	Workers in dairy product industries
8029	Workers in food industry not classified elsewhere
8031	Distilling and refining machine operators
8032	Workers related to the use of heat from chemical processes
8033	Workers related to the use of pressing and compression from chemical processes

8034	Paper pulp preparers
8035	Paper makers (both by hands and by machine)
8039	Workers in chemical and related processes not classified elsewhere
8041	Tobacco preparers
8042	Cigar rollers
8043	Cigarette rollers
8049	Other tobacco product makers not classified elsewhere
8051	Basket weavers and related workers
8052	Tire makers and related rubber product workers
8053	Plastic product makers
8054	Workers in the treatment of leather and pelt
8055	Photo developers and related workers
8056	Musical instrument makers
8057	Stone cutters and carvers
8058	Paper product makers
8059	Miscellaneous product makers not specified elsewhere
8061	Wrappers, labelers, and related workers
8071	Immobile machine and water boiler machine operators
8072	Crane operators
8074	Earthmover and other construction machine operators not specified elsewhere
8075	Lifting and moving truck drivers
8076	Immobile machine maintenance workers
8081	Transport laborers and freight handlers
8099	Other laborers not classified elsewhere
9001	Firemen and related workers
9002	Policemen and investigators
9009	Security guards, prison guards, and related workers
9011	Housekeepers
9012	Chefs and workers in restaurants
9019	Maid and domestic helpers
9021	Waiters and restaurant service workers
9031	Superintendents
9032	Janitors and related workers
9041	Hair dressers and related workers
9051	Laundry workers
9061	Professional athletes and the like
9071	Professional photographers and related workers
9081	Morticians and cremation professionals
9091	Service workers related to sports and entertainment not classified elsewhere

9097	Workers not classifiable by occupation
9098	Not working
9099	Unknown
9999	NIU (not in universe)

## description

### DEFINITION

This variable indicates the person's occupation last year (3 digits).

### UNIVERSE

Thailand 1990: Persons age 13+ [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_PERNUM: Person number (within household)

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### CATEGORIES

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

14	14
15	15
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

## description

### DEFINITION

This variable indicates person number (within household).

### UNIVERSE

Thailand 1990: All persons

## concept

### CONCEPT

## TH1990A\_RELATE: Relationship to head of household

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva r v="TH90A400 TH90A401 TH90A402 TH90A403 TH90A404 TH90A405 TH90A432">[Questions S1- S6 were asked of every person.]<br /></sva r></p>

<p><sva r a="all" v="TH90A401">S3. What's [respondent's] relationship to head of household?<br /></div>

Record relationship in the following order, head, wife/husband, children (unmarried), children (married and spouse), grand children, parents, other relatives, non-relative/servants  
 01 Head  
 02 Spouse  
 03 Children  
 04 Step-children  
 05 Adopted children  
 06 Son- or daughter-in-law  
 07 Grand children  
 08 Parents, parents-in-law  
 09 Grandparents  
 10 Other relatives  
 11 Non-relatives  
 12 Servants

## CATEGORIES

Value	Category
01	Head of household
02	Wife or husband of head
03	Child (son or daughter)
04	Step-child
05	Adopted child
06	Son or daughter-in-Law
07	Grandchild, grandchild-in-Law
08	Parents, parents-in-Law
09	Grandparents
10	All other relatives
11	Non-relative (in private household)
12	Servants
13	Other members in collective household

**description**

## DEFINITION

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

## UNIVERSE

Thailand 1990: All persons

**concept**

## CONCEPT

**TH1990A\_SEX: Sex**

Data file: THA1990\_PHC-P-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

[Questions S1- S6 were asked of every person.]

<p><sva a="all" v="TH90A402">S4. Sex<br /><div class="i1">[] 1 Male<br />[] 2 Female</div><br /></sva>

## CATEGORIES

Value	Category
1	Male
2	Female

**description**

## DEFINITION

This variable indicates the sex of the person.

## UNIVERSE

Thailand 1990: All persons

**concept**

## CONCEPT

**TH1990A\_BPL: Province or country of birth**

Data file: THA1990\_PHC-P-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A415">L14. Place of birth<br />Where was (name) born? \_\_\_\_<br /><div class="i1">Record name of Changwat.<br />If born outside Thailand, record name of country.</div><br /></sva>

## CATEGORIES

Value	Category
01	Bangkok metropolis
02	Krabi
03	Kanchanaburi
04	Kalasin
05	Kamphaeng Phet
06	Khon Kaen
07	Chanthaburi
08	Chachoengsao
09	Chon Buri
10	Chainat
11	Chaiyaphum

12	Chumphon
13	Chiang Rai
14	Chiang Mai
15	Trang
16	Trat
17	Tak
18	Nakhon Nayok
19	Nakhon Pathom
20	Nakhon Phanom
21	Nakhon Ratchasima
22	Nakhon Si Thammarat
23	Nakhon Sawan
24	Nonthaburi
25	Narathiwat
26	Nan
27	Buri Ram
28	Pathum Thani
29	Prachuap Khiri Khan
30	Prachin Buri
31	Pattani
32	Ayutthaya
33	Phayao
34	Phang Nga
35	Phatthalung
36	Phichit
37	Phitsanulok
38	Petchaburi
39	Petchabun
40	Phrae
41	Phuket
42	Maha Sarakam
43	Mukdahan
44	Mae Hong Son
45	Yasothon
46	Yala
47	Roi Et
48	Ranong
49	Rayong
50	Ratchaburi

51	Lop Buri
52	Lampang
53	Lamphun
54	Loei
55	Si Sa Ket
56	Sakon Nakhon
57	Songkhla
58	Satun
59	Samut Prakan
60	Samut Songkhram
61	Samut Sakhon
62	Saraburi
63	Sing Buri
64	Sukhothai
65	Suphan Buri
66	Surat Thani
67	Surin
68	Nong Khai
69	Angthong
70	Udon Thani
71	Uttaradit
72	Uthai Thani
73	Ubon Ratchathani
78	Same province as present residence
79	Unknown province, but born in Thailand
80	China
81	Japan
82	Hong Kong
83	Taiwan
84	Malaysia, Singapore
85	Vietnam
86	Laos
87	Bangladesh, India, Pakistan
88	Other Asian countries
89	U.S.A
90	Canada
91	Mexico, Brazil
92	Other American countries
93	UK, France, Italy, Germany

94	Other European countries
95	Australia
96	Other
97	Africa and other
98	Unknown country
99	Unknown

## description

### DEFINITION

This variable indicates the province or country of birth of the person.

### UNIVERSE

Thailand 1990: All persons

## concept

### CONCEPT

## TH1990A\_CLASSWK: Work status

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva v="TH90A410 TH90A411 TH90A412">[Questions S10-S11 were asked of persons age 13+ who were working, as per question S9.]<br /></sva></p>

<p><sva a="all" v="TH90A412">S11. Work Status<br />What's [respondent's] work status?<br /><div class="i1">[] 1 Employer<br />[] 2 Self-employed/own-account worker<br />Government employee</div><br /><div class="i2">[] 3 Officer<br />[] 4 Employee</div><br /><div class="i1">[] 5 Government enterprise employee<br />[] 6 Private employee<br />[] 7 Unpaid family worker</div><br /></sva>

### CATEGORIES

Value	Category
1	Employer
2	Self-employed or own account worker
3	Government officer
4	Government employee
5	Government enterprise employee
6	Private employee
7	Unpaid family worker

8	Unknown status
9	NIU (not in universe)

## description

### DEFINITION

This variable indicates the person's work status.

### UNIVERSE

Thailand 1990: Persons age 13+ who worked [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_DURRES: Length of residence

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a=" TH90A416 " v="TH90A416 TH90A417 TH90A418 TH90A419 TH90A420">L15. Duration of present residence<br />How many years has (name) been living in this village/municipal area? \_ \_<br /><div class="i1">Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.</div><br /></sva>

### CATEGORIES

Value	Category
00	Less than 1 year
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 years and over
97	Less than 5 years
98	More than 5 years
99	Unknown

## description

### DEFINITION

This variable indicates the number of years the person has lived at their current residence.

### UNIVERSE

Thailand 1990: All persons

## concept

### CONCEPT

## TH1990A\_GRADEATT: School attendance

Data file: THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

#### LITERAL QUESTION

<sva a="all" v="TH90A421">L19. School Attendance <br />Is (name) attending a school or any other educational institution (as of January 1990)?<br /><div class="i1">Ask only persons age 5-30 years<br /><br />Record level \_\_<br />If never attending school, record 'never'.</div><br /></sva>

#### CATEGORIES

Value	Category
01	Does not attend school
10	Kindergarten
11	Primary level 1
12	Primary level 2
13	Primary level 3
14	Primary level 4

15	Primary level 5 (P5 or M1 in old system)
16	Primary level 6 (P6 or M2 in old system)
19	Primary level, unknown year
21	General secondary level, year 1
22	General secondary level, year 2 (M.S.1 in old system)
23	General secondary level, year 3 (M.S.2 in old system)
24	General secondary level, year 3 (M.S.3 in old system)
25	General secondary level, year 4
26	General secondary level, year 5
27	General secondary level, year 6
29	General secondary level, unknown year
41	Vocational secondary level, year 1
42	Vocational secondary level, year 2
43	Vocational secondary level, year 3
44	Upper vocational secondary level, year 1
45	Upper vocational secondary level, year 2
46	Upper vocational secondary level, year 3
49	Upper vocational secondary level, unknown year
61	Secondary level, teacher certificate (continue from M.3 in old system)
62	Secondary level, teacher certificate (continue from M.6 in old system)
63	Upper secondary level 1, teacher certificate
64	Upper secondary level 2, teacher certificate
31	General university level, year 1
32	General university level, year 2
33	General university level, year 3
34	General university level, year 4
35	General university level, year 5
37	Master
38	Ph.D.
39	General university level, unknown year
51	Vocational university, year 1
52	Vocational university, year 2
53	Vocational university, teacher certificate
54	Vocational university, technique certificate
59	Vocational university, unknown year
65	University level (teacher training), year 1
66	University level (teacher training), year 2
67	University level (teacher training), year 3
68	University level (teacher training), year 4

69	University level (teacher training), unknown year
73	Nursing education (1 year curriculum)
74	Nursing education (obstetrician certificate)
75	Nursing education, year 1-3 of nursing diploma
76	Nursing education (nursing diploma)
77	Nursing education (year 3 of 4 year curriculum)
78	Nursing education (university level)
79	Nursing education, unknown level
81	Third grade religion (Primary level 4)
82	Buddhism theology grades 3-4 (Secondary level 3)
83	Buddhism theology grades 5-6 (Secondary level 6)
84	Buddhism theology grade 9 (University level)
89	Religious study, unknown level
80	Short vocational education
90	Other education
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the grade of the current level of education of the person.

### UNIVERSE

Thailand 1990: Persons age 5-30 [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_IND3: Principal industry last year, 3 digits

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<svr v="TH90A410 TH90A411 TH90A412">[Questions S10-S11 were asked of persons age 13+ who were working, as per question S9.]<br /></svr></p>

<p><svr a="all" v="TH90A410 TH90A411">S10. Kind of Industry<br />What kind of industry, business or service job?

Record characteristic of business/service. For example: farming, aerated water factory, government school, retail electric store

## CATEGORIES

Value	Category
011	Growing of crops; market gardening; horticulture
012	Farming of animals
013	Growing of crops combined with farming of animals (mixed farming)
014	Agricultural and animal husbandry service activities, except veterinary activities
021	Forestry
022	Logging
030	Hunting, trapping and game propagation
041	Ocean and coastal water fishing, excluding factory-vessel fishing
042	Factory-vessel fishing
043	Inland water fishing
048	Undocumented
110	Coal mining
121	Iron ore mining
122	Metal mining except iron ore mining
130	Crude petroleum and natural gas
140	Stone quarrying, clay and sand pits
191	Salt mining and quarrying
192	Chemical and fertilizer mineral mining
193	Undocumented
199	Nonmetallic mining and quarrying not elsewhere classified
201	Slaughtering, preparation and preserving of meat
202	Manufacture of dairy products
203	Canning and preserving of fruits and vegetables
204	Canning and preserving of fish and other sea foods
205	Manufacture of grain mill products
206	Manufacture of bakery products
207	Sugar factories and refineries
208	Manufacture of cocoa, chocolate and sugar confectionery
209	Manufacture of miscellaneous food preparations
211	Distilling, rectifying and blending of spirits
212	Wine industries
213	Breweries and manufacturing of malt
214	Soft drinks and carbonated water industries
220	Tobacco manufactures
231	Spinning, weaving and finishing textiles

232	Knitting mills
233	Cordage, rope and twine industries
239	Manufacture of textiles not elsewhere classified
241	Manufacture of footwear
242	Repair of footwear
243	Manufacture of wearing apparel, except footwear
251	Sawmills, planing and other wood mills
252	Wooden and cane containers and cane small ware
259	Manufacture of cork and wood products not elsewhere classified
260	Manufacture of furniture and fixtures
271	Manufacture of pulp, paper and paperboard
272	Manufacture of articles of pulp, paper and paperboard
280	Printing, publishing and allied industries
291	Tanneries and leather finishing plants
292	Manufacture of fur products, except wearing apparel
293	Manufacture of leather products, except footwear and other wearing apparel
300	Manufacture of rubber products
311	Basic industrial chemicals, including fertilizers
312	Vegetable and animal oils and fats
313	Manufacture of paints, varnishes and lacquers
319	Manufacture of miscellaneous chemical products
321	Petroleum refineries
329	Manufacture of miscellaneous products of petroleum and coal
331	Manufacture of structural clay products
332	Manufacture of glass and glass products
333	Manufacture of pottery, china and earthenware
334	Manufacture of cement (hydraulic)
339	Manufacture of nonmetallic mineral products not elsewhere classified
341	Iron and steel basic industries
342	Nonferrous metal basic industries
350	Manufacture of metal products, except machinery and transport equipment
360	Manufacture of machinery, except electrical machinery
370	Manufacture of electrical machinery, apparatus, appliances and supplies
381	Ship building and repairing
382	Manufacture of railroad equipment
383	Manufacture of motor vehicles
384	Repair of motor vehicles
385	Manufacture of motorcycles and bicycles
386	Manufacture of aircraft

389	Manufacture of transport equipment, not elsewhere classified
391	Manufacture of professional, scientific, measuring and controlling instruments
392	Manufacture of photographic and optical goods
393	Manufacture of watches and clocks
394	Manufacture of jewellery and related articles.
395	Manufacture of musical instruments
399	Manufacturing industries not elsewhere classified
400	Construction
511	Electric light and power
512	Gas manufacture and distribution
513	Steam heat and power
521	Water supply
611	Wholesale trade
612	Retail trade
613	Undocumented
620	Banks and other financial Institutions
630	Insurance
640	Real estate
650	Undocumented
711	Railway transport
712	Tramway and omnibus operators
713	Road passenger transport, except omnibus operators
714	Road transport not elsewhere classified
715	Ocean transport, except in coastal waters
716	Water transport, except ocean transport
717	Air transport
718	Services incidental to transport
719	Transport not elsewhere classified
720	Storage and warehousing
730	Communication
810	Government services
821	Education services
822	Medical and other health services
823	Research and scientific institutes
824	Religious organizations
825	Welfare institutions
826	Trade associations and professional and labor organizations
827	Libraries, museums and botanical and zoological gardens
829	Community services not elsewhere classified

831	Legal services
832	Accounting, auditing and bookkeeping services
833	Engineering and technical services
839	Business services not elsewhere classified
841	Motion picture production, distribution and projection
842	Theatres and related services
843	Recreation services, except theatres and motion pictures
851	Domestic service
852	Restaurants, cafes, taverns and other drinking and eating places
853	Hotels, rooming houses, camps and other lodging places
854	Laundries and laundry services; cleaning and dyeing
855	Barber and beauty shops
856	Portrait and commercial photographic studios
857	Undocumented
859	Personal service not elsewhere classified
998	Unknown
999	NIU (not in universe)

## description

### DEFINITION

This variable indicates the person's principal industry (3 digits) of employment last year.

### UNIVERSE

Thailand 1990: Persons age 13+ who worked last year [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_MIGREAS: Reason for moving

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a=" TH90A416 " v="TH90A416 TH90A417 TH90A418 TH90A419 TH90A420">L15. Duration of present residence<br />How many years has (name) been living in this village/municipal area? \_\_<br /><div class="i1">Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.</div><br /></sva></p>

<p><span class="em"><br />Migration Status<br /></span>  
<br />Ask only persons who record 0-4 year and less than 5 years in L15.</p>

<p><sva a="all" v="TH90A420">L18. Reason for moving<br />Why did (name) move?<br /><div class="i1">[] To study<br />[] Moved with spouse<br />[] Moved with head of household<br />[] Looking for job<br />[] Job transfer<br />[] Return home<br />[] Vacation<br />[] Marriage<br />[] Priesthood, etc.</div><br /></sva>

## CATEGORIES

Value	Category
01	To study
02	Follow household head
03	Follow spouse
04	Follow relative
05	To look for work
06	Enroll transfer job
07	Job assignment
08	For other work reasons
09	To return home
10	School vacation
11	Married
12	To be ordained
13	Change residence
14	Institution
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the person's reason for moving to their current place of residence.

## UNIVERSE

Thailand 1990: Persons who migrated [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_MOMLOC: Line number of mother**

Data file: THA1990\_PHC-P-H

**Overview**

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

## Questions and instructions

### LITERAL QUESTION

<sva a="all" v="TH90A413">L12. Mother line number (Private household only) \_\_<br />Does (name)'s mother live in this household? <br /><div class="i1">Record last two digit of mother line number in S1 \_\_<br />If mother does not live in this household record 95</div><br /></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
22	22
95	Mother not in household
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the line number of the person's mother.

### UNIVERSE

Thailand 1990: Persons in private households [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_PREVPROV: Previous province or country of residence****Data file:** THA1990\_PHC-P-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a=" TH90A416 " v="TH90A416 TH90A417 TH90A418 TH90A419 TH90A420">L15. Duration of present residence<br />How many years has (name) been living in this village/municipal area? \_\_<br /><div class="i1">Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.</div><br /></sva></p>

<p><span class="em"><br />Migration Status<br /></span><br />Ask only persons who record 0-4 year and less than 5 years in L15.</p>

<p><sva a="all" v="TH90A417 TH90A418">L16. Previous place of residence<br />What was the previous Changwat (name) moved from?<br /><div class="i1">If moved from other changwat, write Changwat name. If moved within Changwat write Amphoe name. If moved from other country write country name.<br />For children age 0-4 year living here since birth, record "Did not move".</div><br /></sva>

## CATEGORIES

Value	Category
00	NIU (not in universe)
01	Bangkok metropolis
02	Krabi
03	Kanchanaburi
04	Kalasin
05	Kamphaeng Phet
06	Khon Kaen
07	Chanthaburi
08	Chachoengsao
09	Chon Buri
10	Chainat
11	Chaiyaphum
12	Chumphon
13	Chiang Rai
14	Chiang Mai
15	Trang

16	Trat
17	Tak
18	Nakhon Nayok
19	Nakhon Pathom
20	Nakhon Phanom
21	Nakhon Ratchasima
22	Nakhon Si Thammarat
23	Nakhon Sawan
24	Nonthaburi
25	Narathiwat
26	Nan
27	Buri Ram
28	Pathum Thani
29	Prachuap Khiri Khan
30	Prachin Buri
31	Pattani
32	Ayutthaya
33	Phayao
34	Phang Nga
35	Phatthalung
36	Phichit
37	Phitsanulok
38	Petchaburi
39	Petchabun
40	Phrae
41	Phuket
42	Maha Sarakam
43	Mukdahan
44	Mae Hong Son
45	Yasothon
46	Yala
47	Roi Et
48	Ranong
49	Rayong
50	Ratchaburi
51	Lop Buri
52	Lampang
53	Lamphun
54	Loei

55	Si Sa Ket
56	Sakon Nakhon
57	Songkhla
58	Satun
59	Samut Prakan
60	Samut Songkhram
61	Samut Sakhon
62	Saraburi
63	Sing Buri
64	Sukhothai
65	Suphan Buri
66	Surat Thani
67	Surin
68	Nong Khai
69	Angthong
70	Udon Thani
71	Uttaradit
72	Uthai Thani
73	Ubon Ratchathani
77	Did not move (children age 0 to 4)
78	Migrate within the same province
79	Unknown province, but within Thailand
80	China
81	Japan
82	Hong Kong
83	Taiwan
84	Malaysia, Singapore
85	Vietnam
86	Laos
87	Bangladesh, India, Pakistan
88	Other Asian countries
89	U.S.A
90	Canada
91	Mexico, Brazil
92	Other American countries
93	UK, France, Italy, Germany
94	Other European countries
95	Australia
96	Other

97	Africa and other
98	Unknown country
99	Unknown

## description

### DEFINITION

This variable indicates the previous province or country of residence of the person.

### UNIVERSE

Thailand 1990: Persons age 5+ who have lived fewer than 5 years at their current residence [discrepancies: type I none; type II trace]

## concept

### CONCEPT

## TH1990A\_PREVURB: Place of previous residence- rural/urban

Data file: THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

#### LITERAL QUESTION

<sva a=" TH90A416 " v="TH90A416 TH90A417 TH90A418 TH90A419 TH90A420">L15. Duration of present residence<br />How many years has (name) been living in this village/municipal area? \_ \_<br /><div class="i1">Record number of year. If less than 1 year record 0. If over 5 years skip to L19. If do not know, ask whether living over or less than 5 years. Record over 5 years or less than 5 years.</div><br /></sva></p>

<p><span class="em"><br />Migration Status<br /></span><br />Ask only persons who record 0-4 year and less than 5 years in L15.</p>

<p><sva a="all" v="TH90A419">L17. Did (name) move from village or municipal area?<br /><div class="i1">Only persons who migrated within Thailand<br /><br />[] 1 Village <br />[] 2 Municipality</div><br /></sva>

#### CATEGORIES

Value	Category
1	Village
2	Municipal Area
8	Unknown
9	NIU (not in universe)

## description

### DEFINITION

This variable indicates if the previous place of residence of the person was in a rural or urban area.

## UNIVERSE

Thailand 1990: Persons who migrated within Thailand [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_RELIG: Religion**

Data file: THA1990\_PHC-P-H

**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A414">L13. Religion<br />What's (name) religion?<br /><div class="i1">[] 1 Buddhism<br />[] 2 Islam<br />[] 3 Christ<br />[] 4 Hindu<br />[] 5 Confucius<br />[] 6 Others<br />[] 7 Non-religion</div><br /></sva>

## CATEGORIES

Value	Category
1	Buddhist
2	Islam
3	Christianity
4	Hindu
5	Chinese confucian
6	Others
7	None
9	Unknown

**description**

## DEFINITION

This variable indicates the religion of the person.

## UNIVERSE

Thailand 1990: All persons

**concept**

## CONCEPT

**TH1990A\_AGE: Age****Data file: THA1990\_PHC-P-H****Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva v="TH90A400 TH90A401 TH90A402 TH90A403 TH90A404 TH90A405 TH90A432">[Questions S1- S6 were asked of every person.]</sva></p>

<p><sva a="all" v="TH90A405 TH90A432">S6. Age \_\_</sva><br /><div class="i1">Record age as of last birthday prior to 1 April 1990. If age less than 1 year, record "00".</div></p>

## CATEGORIES

Value	Category
00	Less than 1 year
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
98	98 and older

## description

---

### DEFINITION

This variable indicates the age of the person.

UNIVERSE  
Thailand 1990: All persons

## concept

### CONCEPT

#### TH1990A\_CHBORN: Number of children ever born

Data file: THA1990\_PHC-P-H

#### Overview

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

#### Questions and instructions

##### LITERAL QUESTION

<sva a="TH90A433 TH90A434" v="TH90A423 TH90A424 TH90A425 TH90A433 TH90A434"><span class="em">Children ever born</span><br />(excluding step child and adopted child)<br />For ever married women (codes codes 2-6 in S8)<br /></sva></p>

<p><sva a="TH90A423" v="TH90A423 TH90A433 TH90A434">L21. Number of children ever born living in this household<br />How many children ever born does (name) have and live in this household? \_\_<br /><div class="i1">If none, record '00'.</div><br /></sva></p>

<p><sva a="TH90A424" v="TH90A424 TH90A433 TH90A434">L22. Number of children ever born living outside household<br />How many children still living outside household does (name) have?<br /><div class="i1">If none record '00'.</div><br /></sva></p>

<p><sva a="TH90A425" v="TH90A425 TH90A433 TH90A434">L23. Number of children ever born who have died<br />How many children ever born who have died does (name) have?<br /><div class="i1">If none record '00'.</div><br /></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
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the person's number of children ever born.

### UNIVERSE

Thailand 1990: Ever-married women [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_CHDEAD: Number of children who died

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="TH90A433 TH90A434" v="TH90A423 TH90A424 TH90A425 TH90A433 TH90A434"><span class="em">Children ever born</span><br />(excluding step child and adopted child)<br />For ever married women (codes codes 2-6 in S8)<br /></sva></p>

<p><sva a="TH90A425" v="TH90A425 TH90A433 TH90A434">L23. Number of children ever born who have died<br />How many children ever born who have died does (name) have?<br /><div class="i1">If none record '00'.</div><br /></sva>

### 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
16	16
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates number of the person's children who died.

### UNIVERSE

Thailand 1990: Ever-married women [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_CHILDAWY: Number of children living elsewhere

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="TH90A433 TH90A434" v="TH90A423 TH90A424 TH90A425 TH90A433 TH90A434"><span class="em">Children ever born</span><br />(excluding step child and adopted child)<br />For ever married women (codes codes 2-6 in S8)<br /></sva></p>

<p><sva a="TH90A424" v="TH90A424 TH90A433 TH90A434">L22. Number of children ever born living outside household<br />How many children still living outside household does (name) have?<br /><div class="i1">If none record '00'.</div><br /></sva>

## 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
15	15
16	16
20	20
23	23
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates number of the person's children ever born and living outside the household.

## UNIVERSE

Thailand 1990: Ever-married women [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_CHILDHH: Number of children living in household**

**Data file: THA1990\_PHC-P-H**

## Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="TH90A433 TH90A434" v="TH90A423 TH90A424 TH90A425 TH90A433 TH90A434"><span class="em">Children ever born</span><br />(excluding step child and adopted child)<br />For ever married women (codes codes 2-6 in S8)<br /></sva></p>

<p><sva a="TH90A423" v="TH90A423 TH90A433 TH90A434">L21. Number of children ever born living in this household<br />How many children ever born does (name) have and live in this household? \_\_<br /><div class="i1">If none, record '00'.</div><br /></sva>

### 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
20	20
24	24
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the number of the person's ever born children living in the household.

### UNIVERSE

Thailand 1990: Ever-married women [discrepancies: none]

## concept

### CONCEPT

**TH1990A\_CONTRA: Contraception method****Data file:** THA1990\_PHC-P-H**Overview**

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

**Questions and instructions**

## LITERAL QUESTION

<sva a="all" v="TH90A426">L24. Contraception<br />Does (name) or husband practicing any kind of contraception?<br /><div class="i1">Ask only married women (record code 2 in S8 and age less than 50 years)<br /><br />[] 0 Not practice<br />[] 1 Oral pills<br />[] 2 IUD<br />[] 3 Injection<br />[] 4 Female sterilization<br />[] 5 Male sterilization<br />[] 6 Condom<br />[] 7 Norplant<br />[] 8 Others and unknown method</div><br /></sva>

## CATEGORIES

Value	Category
01	No contraception
02	Pill
03	Intra-uterine device
04	Injection (DMPA)
05	Female sterilization
06	Male sterilization
07	Condom
08	Norplant
09	Other and unknown method
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates if the person or the person's spouse is currently using contraception.

## UNIVERSE

Thailand 1990: Currently married women age 50 or less [discrepancies: none]

**concept**

## CONCEPT

**TH1990A\_DISABLE: Disability****Data file:** THA1990\_PHC-P-H

## Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="all" v="TH90A430">L27. Disability<br />Is (name) disabled?<br /><div class="i1">[] 0 Not disabled<br />[] 1 Blind<br />[] 2 Deaf<br />[] 3 Dumb<br />[] 4 Armless, legless<br />[] 5 Mentally retarded<br />[] 6 Insanity<br />[] 7 Paralyzed<br />[] 8 Others (specify) \_\_\_</div><br /></sva>

### CATEGORIES

Value	Category
	Not disabled
1	Completely blind
2	Completely deaf
3	Mute
4	Partial loss of arm/leg
5	Intellectually handicapped
6	Mentally handicapped/insane
7	Paralyzed
8	Others
9	Unknown

## description

### DEFINITION

This variable indicates disability of the person.

### UNIVERSE

Thailand 1990: All persons

## concept

### CONCEPT

## TH1990A\_LIT: Literacy

Data file: THA1990\_PHC-P-H

## Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="all" v="TH90A422">L20. Literacy<br />Can (name) read and write any language?<br /><div class="i1">Ask only persons 5 years and over<br /><br />If can read/write more than one language, record code of language that the person can read/write most.<br /><br />[] 0 Illiterate<br />[] 1 Thai<br />[] 2 Chinese<br />[] 3 Malaysian, Yawee<br />[] 4 English<br />[] 5 Others</div><br /></sva>

## CATEGORIES

Value	Category
1	Illiterate
2	Thai
3	Chinese
4	Malaysia, Yawi
5	English
6	Other
8	Unknown
9	NIU (not in universe)

## description

## DEFINITION

This variable indicates the literacy of the person.

## UNIVERSE

Thailand 1990: Persons age 5+ [discrepancies: none]

## concept

## CONCEPT

## TH1990A\_OCCWK3: Principal occupation last week, 3 digits

Data file: THA1990\_PHC-P-H

## Overview

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

## Questions and instructions

## LITERAL QUESTION

<sva a="TH90A427 TH90A428" v="TH90A427 TH90A428 TH90A429">L25. Last week occupation<br />During March 25-31 1990, what job did (name) spend most of the time working on?<br /><div class="i1">Ask only persons age 13 years and over or persons born before 1977<br /><br />Example; typist, accountant, teacher, farmer, etc. and skip to L27.<br />If did not work, enter 'not work'.</div><br /></sva>

## CATEGORIES

Value	Category
0001	Architects
0002	Engineers

0003	Explorers
0011	Chemists
0012	Physicists
0019	Physical scientists not classified elsewhere
0021	Veterinarians
0022	Biologists and zoologists not classified elsewhere
0023	Agricultural scientists, forestry professionals and scientists
0031	Physicians and surgeons
0032	Dentists
0041	Nurses
0042	Midwifery professionals
0049	Other nursing professionals not classified elsewhere
0051	Pharmacists
0052	Ophthalmologists
0053	Medical technicians, health and public health personnel
0059	Other health professionals not classified elsewhere
0061	Professors, lecturers, and teaching professionals in university
0062	General teachers in primary, secondary, and vocational education
0063	Specialized teachers in primary, secondary, and vocational education
0068	Administrative workers of universities and schools
0069	Other teaching professionals not classified elsewhere
0071	Monks, priests, ascetics, and religious teachers
0079	Other religious workers not specified elsewhere
0081	Lawyers, judges, and legal professionals
0091	Painters, sculptors, engravers, and related artists
0092	Composers, journalists, and related writers
0093	Actors, musicians, dancers, and related workers
0101	Draftsmen and modelers (in architectures, civil engineering, electrical and mechanical works)
0109	Scientists, technicians, technical engineers not classified elsewhere
0111	Accountants
0112	Social workers
0113	Librarians and archivists
0114	Economists, mathematicians, and statisticians
0119	Other academic professions not classified elsewhere, including sociologists, anthropologists, historians, political scientists, etc.
1001	Administrative and managerial government officials
1002	All military personnel
1011	Directors, managers, head workers, and owners of mines, factories, and utility services
1012	Directors, managers, departmental head, and head workers of wholesale and retail trades

1013	Directors, managers, departmental head, head workers, and owners of financial institutions, insurance, and real estate business
1014	Directors, managers, departmental head, head workers, and owners of transportation business, warehouse, and communications
1015	Directors, managers, departmental head, head workers, and owners of service enterprises
1019	Directors, managers, departmental head, head workers, and owners not classified elsewhere
2001	Accounting clerks and cashiers
2011	Secretaries and keyboard-operating clerks
2021	Directors and head of clerks
2091	Machine operators and controllers
2099	Other clerks not classified elsewhere
3001	Owners and operators of wholesale trade
3002	Owners and operators of retail trade
3009	Owners and operators of wholesale and retail trade
3011	Sale representatives, real estate and insurance agents, and auctioneers
3021	Sale representatives of manufactures involving travelling to sell the products
3031	Sale workers and sale assistants
3032	Street venders and newspapers sellers
3039	Sale workers, sale assistants, and related workers not classified elsewhere
3041	Directors and managers of sale workers, including purchase and sale managers
4001	Farmers and farm managers
4011	Farm workers not classified elsewhere
4021	Hunters and related workers
4031	Fishermen and related workers
4041	Forestry and related workers
5001	Miners and quarrymen
5011	Well drillers and related workers
5021	Mineral processors
5031	Workers in cement, lime, and sand production, and related workers
5099	Miners, quarrymen, and related workers not classified elsewhere
6001	Ship controllers and navigators
6002	Ship technicians
6011	Deck sailors and crews
6012	Freight cabin staffs and firemen
6021	Aircraft pilots, engineers, and related workers
6031	Train drivers and train technicians
6041	Motor vehicles drivers
6042	Drivers of animal vehicles
6043	Drivers of vehicles that use human workforce
6051	Train keepers

6061	Directors and superintendents of transportations
6062	Managers and controllers of air and water traffic
6071	Telephone and telegram operators
6072	Communication personnel, e.g. broadcast staffs
6081	Postmen and postal service employees
6082	News informants
6091	Public transport clerks
6092	Transportation workers not classified elsewhere
6093	Superintendents, controllers, time managers for traffic and communications
6094	Transport and communication workers not classified elsewhere
7001	Yarn and fibre preparers for weaving
7002	Yarn spinners
7003	Textile weavers and loom makers
7004	Knitters and operators of knitting machines
7005	Weaving designers
7006	Textile bleachers, dyers, and printing workers
7009	Workers in fibre and textiles production not classified elsewhere
7011	Dressmakers and garment makers
7012	Dressmakers of fur clothing and related workers
7013	Hat makers
7014	Mattress and cushion makers
7015	Textile, leather and related pattern makers and cutters
7016	Sewers and embroiders of textiles and leather clothing
7019	Makers of other textile products not classified elsewhere
7021	Shoe makers and related workers
7022	Footwear cutters and sewers and related workers
7029	Leather, plastic, rubber, and clothing workers not classified elsewhere
7031	Metal furnace operators
7032	Metal processing plant operators
7033	Workers in metal ironing and coiling plants
7035	Metal moulders
7036	Metal-compressing machine operators
7039	Workers in other metal production not classified elsewhere
7041	Assemblers of precision instruments, watch makers and repairers
7042	Jewelry and precious metal workers
7043	Jewelry cutters
7050	Assemblers and repairers of machinery, instruments makers, and machinery fitters
7051	Machinery operators
7052	Machinery installers and fitters (in addition to electrical and precision instruments)

7053	Repairers of machinery both motor and non-motor (in addition to electrical and precision instruments)
7054	Sheet-metal makers and repairers
7055	Plumbers and pipe fitters
7056	Metal welders and flame cutters
7057	Structural metal workers
7058	Metal plating and coating workers
7059	Other metal production workers not classified elsewhere
7061	Electricians and related workers
7062	Electric and electronic equipment mechanics and fitters
7063	Mechanic equipment, video and television repairers
7064	Telephone and telegram installers and repairers
7065	Electrical line installers and cable jointers
7069	Workers related to electric and electronic machines not classified elsewhere
7071	Carpenters and wood joiners
7072	Wood furniture makers
7073	Sawers and wood-related-equipment installers and fitters
7079	Wood treaters not classified elsewhere
7081	Building painters and maintenance workers
7082	Painters not in construction and maintenance work
7091	Brick and tile layers
7092	Masons and concrete moulders
7093	Concrete finishers and mosaic floor layers
7094	Construction insulator makers
7095	Workers in glass installations
7099	Other construction workers not classified elsewhere
8001	Typesetters and workers in printing production
8002	Printing-press-machine operators
8003	Printing machine makers
8004	Printing block carvers
8005	Picture printing finishers
8006	Book binders and related workers
8009	Workers in printing production not classified elsewhere
8011	Glass makers and related workers
8012	Potters and related workers
8013	Glass and pottery furnace operators
8014	Glass and pottery finishers
8019	Glass and pottery workers not classified elsewhere
8021	Grain grinders, millers, and related workers
8022	Bakers and related workers

8023	Candy and chocolate makers
8024	Beer, liquor, wine makers, and related workers
8025	Food preserving and processing workers
8026	Slaughters and meat preparers
8027	Workers in dairy product industries
8029	Workers in food industry not classified elsewhere
8031	Distilling and refining machine operators
8032	Workers related to the use of heat from chemical processes
8033	Workers related to the use of pressing and compression from chemical processes
8034	Paper pulp preparers
8035	Paper makers (both by hands and by machine)
8039	Workers in chemical and related processes not classified elsewhere
8041	Tobacco preparers
8042	Cigar rollers
8043	Cigarette rollers
8049	Other tobacco product makers not classified elsewhere
8051	Basket weavers and related workers
8052	Tire makers and related rubber product workers
8053	Plastic product makers
8054	Workers in the treatment of leather and pelt
8055	Photo developers and related workers
8056	Musical instrument makers
8057	Stone cutters and carvers
8058	Paper product makers
8059	Miscellaneous product makers not specified elsewhere
8061	Wrappers, labelers, and related workers
8071	Immobile machine and water boiler machine operators
8072	Crane operators
8074	Earthmover and other construction machine operators not specified elsewhere
8075	Lifting and moving truck drivers
8076	Immobile machine maintenance workers
8081	Transport laborers and freight handlers
8099	Other laborers not classified elsewhere
9001	Firemen and related workers
9002	Policemen and investigators
9009	Security guards, prison guards, and related workers
9011	Housekeepers
9012	Chefs and workers in restaurants
9019	Maid and domestic helpers

9021	Waiters and restaurant service workers
9031	Superintendents
9032	Janitors and related workers
9041	Hair dressers and related workers
9051	Laundry workers
9061	Professional athletes and the like
9071	Professional photographers and related workers
9081	Morticians and cremation professionals
9091	Service workers related to sports and entertainment not classified elsewhere
9970	Workers not classifiable by occupation
9980	Not working
9998	Unknown
9999	NIU (not in universe)

## description

### DEFINITION

This variable indicates the person's principal occupation (3 digits) last week.

### UNIVERSE

Thailand 1990: Persons age 13+ [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_REASWORK: Reason for not working

Data file: THA1990\_PHC-P-H

### Overview

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

### Questions and instructions

#### LITERAL QUESTION

<sva a="TH90A427 TH90A428" v="TH90A427 TH90A428 TH90A429">L25. Last week occupation<br />During March 25-31 1990, what job did (name) spend most of the time working on?<br /><div class="i1">Ask only persons age 13 years and over or persons born before1977<br /><br />Example; typist, accountant, teacher, farmer, etc. and skip to L27.<br />If did not work, enter 'not work'.</div><br /></sva></p>

<p><sva a="all" v="TH90A429">L26. Reason for not working<br />Why (name) did not work?<br /><div class="i1">Ask only persons age 13 years and over or persons born before1977<br /><br />Example: looking for work, waiting for farm season, study, home worker, aged, young, ill, disable, pensioner, millionaire, priest, etc.</div><br /></sva>

#### CATEGORIES

Value	Category
01	Looking for work, inexperienced
02	Looking for work, experienced worker
03	Waiting for farm season
04	Housewife
05	Student
06	Unable to work
07	Elderly
08	Priest, nun
09	Institutional
10	Wealthy
11	Pension
12	Sick
13	Waiting to be called to work
14	Not interested in working
15	Other
98	Unknown
99	NIU (not in universe)

## description

### DEFINITION

This variable indicates the reason the person was not working last week.

### UNIVERSE

Thailand 1990: Persons age 13+ who are not working [discrepancies: none]

## concept

### CONCEPT

## TH1990A\_CHSURV: Number of children surviving

Data file: THA1990\_PHC-P-H

### Overview

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

## Questions and instructions

### LITERAL QUESTION

<sva a="TH90A433 TH90A434" v="TH90A423 TH90A424 TH90A425 TH90A433 TH90A434"><span class="em">Children ever born</span><br />(excluding step child and adopted child)<br />For ever married women (codes codes 2-6 in S8)<br /></sva></p>

<p><sva a="TH90A423" v="TH90A423 TH90A433 TH90A434">L21. Number of children ever born living in this household<br />How many children ever born does (name) have and live in this household? \_\_<br /><div class="i1">If none, record '00'.</div><br /></sva></p>

<p><sva a="TH90A424" v="TH90A424 TH90A433 TH90A434">L22. Number of children ever born living outside household<br />How many children still living outside household does (name) have?<br /><div class="i1">If none record '00'.</div><br /></sva></p>

<p><sva a="TH90A425" v="TH90A425 TH90A433 TH90A434">L23. Number of children ever born who have died<br />How many children ever born who have died does (name) have?<br /><div class="i1">If none record '00'.</div><br /></sva>

## 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
20	20
21	21
22	22
23	23
98	Unknown
99	NIU (not in universe)

**description**

## DEFINITION

This variable indicates the person's number of children surviving.

UNIVERSE  
Thailand 1990: Ever-married women [discrepancies: none]

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**concept**

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CONCEPT

**TH1990A\_PERWT: Person weight**

**Data file:** THA1990\_PHC-P-H

**Overview**

Type: Continuous    Decimal: 2    Width: 5    Range: -    Format: Numeric

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**description**

DEFINITION  
This variable indicates the person weight.

UNIVERSE  
Thailand 1990: All persons

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**concept**

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CONCEPT

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**Imputation and derivation**

DERIVATION  
This is a 5-digit numeric variable with 2 implied decimal places

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## study\_resources

### questionnaires

#### The 1990 Population and Housing Census. Form 2S (Enumeration form)

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title The 1990 Population and Housing Census. Form 2S (Enumeration form)  
 authors National Statistical Office  
 date 1990-04-01  
 country Thailand  
 language English  
 publishers National Statistical Office  
 filename Thailand\_1990\_Enumeration\_Form.pdf

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### technical\_documents

#### 1990 Thai Population and Housing Census. 1.2 percent sample. Data Documentation

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title 1990 Thai Population and Housing Census. 1.2 percent sample. Data Documentation  
 authors Center for Studies in Demography and Ecology, University of Washington. National Statistical Office. Institute for Population and Social Research, Mahidol University.  
 date 1992-10-29  
 country Thailand  
 language English  
 publishers Center for Studies in Demography and Ecology, University of Washington. National Statistical Office. Institute for Population and Social Research, Mahidol University  
 filename th1990cb\_thailand\_data\_documentation\_1.2\_sample.enth.pdf

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#### 1990 Population and Housing Census of Thailand. .012 Sample - Master File. Data Documentation and Codebook

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title 1990 Population and Housing Census of Thailand. .012 Sample - Master File. Data Documentation and Codebook  
 authors National Statistical Office  
 date 1990-04-01  
 country Thailand  
 language English  
 publishers National Statistical Office  
 filename th1990cb\_thailand\_data\_documentation\_codebook\_0.012\_sample\_copy\_1.en.pdf

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#### Occupation code. PHC 1990

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title Occupation code. PHC 1990  
 authors National Statistical Office  
 date 1990-04-01  
 country Thailand  
 language Thai  
 publishers National Statistical Office  
 filename th1990cb\_thailand\_occupation\_codebook.th.pdf

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## Thailand 1990 Instructions

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title Thailand 1990 Instructions  
authors National Statistical Office  
date 1990-04-01  
country Thailand  
language Thai  
publishers National Statistical Office  
filename th1990ei\_thailand\_enumeration\_instructions\_large.th.pdf

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## Instruction for Field Operation. The 1990 Population and Housing Census

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title Instruction for Field Operation. The 1990 Population and Housing Census  
authors National Statistical Office, Office of the Prime Minister  
date 1990-04-01  
country Thailand  
language English  
contributors Minnesota Population Center (translation)  
publishers National Statistical Office, Office of the Prime Minister  
filename enum\_instruct\_th1990\_tag.pdf

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